PROJECT INFORMATION AND SCOPE:

THE PROJECT SCOPE ENTAILS CONSTRUCTION OF A 4 STORY HOME2 SUITES BY HILTON WITH A TOTAL OF 104 GUEST ROOMS AND AN OUTDOOR POOL

THE FACILITY WILL INCLUDE LOBBY/LOUNGE AREAS, MEETING ROOM, ADMIN. AREA, BREAKFAST AREA, FITNESS CENTER, PANTRY, GUEST ROOMS, GUEST SERVICES, BACK OF THE HOUSE AND UTILITY AREAS AS PART OF THE HOTEL.

PROJECT DIRECTORY:

SITE ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

OWNER:
MR. MEHUAL PATEL
SUITE 101, 130 CANAL STREET,
POOLER, GA 31322
CONTACT: MR. MEHUAL PATEL
PHONE: 912-230-1697
mpatel@idealhosp.com

GENERAL CONTRACTORS:
TO BE DECIDED

DESIGN TEAM 24 HOUR CONTACT:
AMIT BALA
PHONE: 404-740-7589

DESIGN CONSULTANTS & ARCHITECTS:
OM DESIGN SOLUTIONS
2885 LAWRENCEVILLE SUWANEE RD.
SUITE C
SUWANEE, GEORGIA 30024
CONTACT: AMIT BALA
PHONE: 404-740-7589
info@omdesignsolutions.com

STRUCTURAL CONSULTANT:
STABILITY ENGINEERING
1376 CHURCH ST.
Ste. 200
DECATUR, GA 30030
CONTACT: ALLEN MORRIS PE.
PHONE: 404-377-9316
amorris@stabilityengineering.com

MEP CONSULTANT:
GRIFFITH ENGINEERING
4360 CHAMBLEE DUNWOODY ROAD
SUITE 210
ATLANTA, GA 30341
PHONE: 770-451-6757
ELECTRICAL FIRE PROTECTION AND ALARM: THOMAS G. WHITE
twhite@griffitheng.com

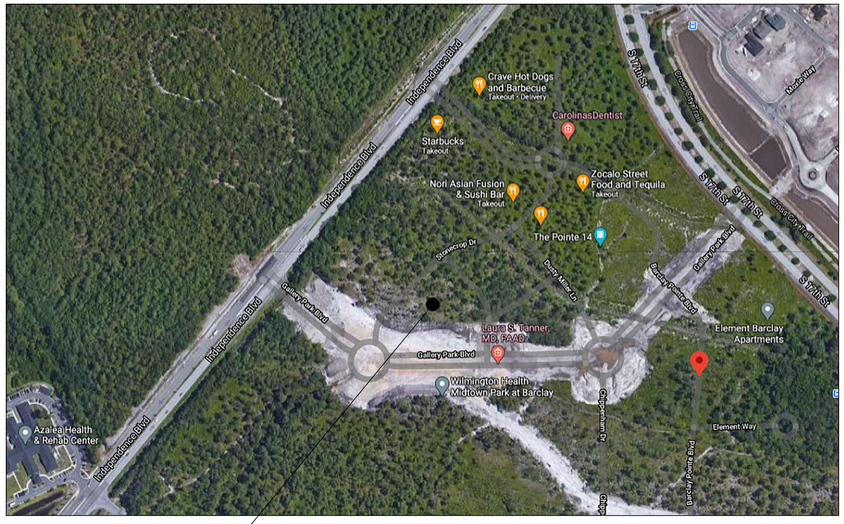
MECHANICAL & PLUMBING:
MICHAEL CHAD GRIFFITH
mcgriffith@griffitheng.com

CIVIL DESIGN CONSULTANT:
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
CONTACT: DAN J. FISK PE.
PHONE: 910-791-6707
dfisk@paramounte-eng.com

CONSTRUCTION PLANS FOR:

HOME2 SUITES BY HILTON

HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA



SITE

VICINITY MAP

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR LOCATIONS
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
COVER SHEET

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

CS

GENERAL NOTES:

1. THESE CONSTRUCTION DOCUMENTS HAVE BEEN PREPARED PER APPLICABLE CODES, LAWS, AND ORDINANCES TO BE USED TO OBTAIN THE BUILDING PERMIT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMIT AND COORDINATING REQUIREMENTS FOR CONSTRUCTION WITH AUTHORITIES HAVING JURISDICTION. NO WORK TO BE DONE WITHOUT PERMITS

2. ALL CONSTRUCTION EITHER OUTLINED OR IMPLIED IN THESE DOCUMENTS SHALL MEET ALL APPLICABLE CITY, COUNTY, AND STATE CODE REQUIREMENTS, ORDINANCES, THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA), AND HANDICAP REQUIREMENTS. NOTHING IN THE DRAWINGS OR SPECIFICATIONS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THESE RULES, REGULATIONS, CODES OR ORDINANCES. COORDINATE WITH AUTHORITY HAVING JURISDICTION. THE MOST STRINGENT REQUIREMENTS SHALL APPLY

3. GENERAL NOTES AND DETAILS SHALL APPLY TO ALL PARTS OF THE PROJECT EXCEPT WHERE THEY CONFLICT WITH OTHER REQUIREMENTS SHOWN ELSEWHERE WITHIN THE DRAWINGS. WHERE CONDITIONS ARE NOT SPECIFICALLY ISOLATED OR INDICATED, BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR CONSTRUCTION DETAILS MAY BE USED.

4. THIS DESIGN CONSULTANTS, ARCHITECT AND ENGINEER(S) WILL NOT BE RESPONSIBLE FOR AND WILL NOT HAVE CONTROL OR CHARGE OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THIS PROJECT AND WILL NOT BE RESPONSIBLE FOR CONTRACTORS FAILURE TO CARRY OUT THE WORK ON THIS PROJECT IN ACCORDANCE WITH THESE CONSTRUCTION DOCUMENTS OR INDUSTRY STANDARDS. THIS FIRMS WILL NOT BE RESPONSIBLE FOR OR HAVE CONTROL OR CHARGE OVER THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR ANY OF THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSON PERFORMING ANY OF THE WORK ON THIS PROJECT.

5. ALL ENVIRONMENTAL ISSUES ARE THE SOLE RESPONSIBILITY OF THE BUILDING OWNER. NEITHER THE DESIGN CONSULTANTS, ARCHITECT, ENGINEER(S), GENERAL CONTRACTOR OR SUBCONTRACTORS SHALL BE RESPONSIBLE FOR DISCOVERY, TESTING OR REMOVAL OF ANY HAZARDOUS MATERIAL AS PART OF THEIR SCOPE OF WORK UNLESS SPECIFICALLY STIPULATED BY WRITTEN AGREEMENT. IF DURING THE COURSE OF WORK THE GENERAL CONTRACTOR OR SUBCONTRACTORS DISCOVER HAZARDOUS MATERIAL OR CONDITIONS THEY SHALL NOTIFY THE OWNER'S REPRESENTATIVE BY PHONE AND IN WRITING IMMEDIATELY, BEFORE PROCEEDING WITH THE WORK, SO THAT A SAFE AND APPROPRIATE COURSE OF ACTION CAN BE DECIDED UPON.

6. PRIOR TO COMMENCING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BRING TO THE ATTENTION OF THE DESIGN CONSULTANTS, ARCHITECT ANY PLAN OR DIMENSION DISCREPANCIES THAT CAN NOT BE FIELD CORRECTED.

7. PRIOR TO COMMENCING CONSTRUCTION THE GENERAL CONTRACTOR SHALL ESTABLISH THE SIZE AND LOCATION OF ALL EXISTING UTILITIES IN THE AREA OF CONSTRUCTION WORK AND PROTECT SAME FROM DAMAGE DURING CONSTRUCTION. ALL JOB SITE CONDITIONS SHALL BE VERIFIED PRIOR TO COMMENCING CONSTRUCTION. ADDITIONAL / INCREASED COSTS INCURRED BY THE CONTRACTOR AS A RESULT OF HIS FAILURE TO FIELD VERIFY EXISTING CONDITIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND NO ALLOWANCE SHALL BE MADE FOR HIS OVERSIGHT

8. ALL SUBCONTRACTORS INCLUDING PLUMBING AND ELECTRICAL SHALL BE RESPONSIBLE FOR SECURING PERMITS FOR THEIR WORK AND TRADES, UTILITY HOOKUPS, AND FOR PROVIDING ANY ADDITIONAL DRAWINGS THE BUILDING DEPARTMENT MAY REQUIRE. ANY INDICATION IN THESE ARCHITECTURAL DRAWINGS OF ELECTRICAL AND PLUMBING ITEMS / DEVICES IS DIAGRAMMATIC IN NATURE ONLY. SEE ENGINEERING DRAWINGS FOR SPECIFIC INFORMATION.

9. ALL INSURANCE COVERAGE SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AND SUBCONTRACTORS COVERING WORKMEN'S COMPENSATION, EMPLOYER'S LIABILITY AND OTHER INSURANCE COVERAGE AS MAY BE REQUIRED IN THE CONSTRUCTION CONTRACT OR BY STATE LAW FOR THE DURATION OF THE PROJECT.

10. THE GENERAL CONTRACTOR SHALL SUPERVISE AND COORDINATE THE WORK OF ALL TRADES SO AS NOT TO PROLONG THE WORK OR CREATE HAZARDOUS CONDITIONS. PROVIDE BARRICADES, WARNING SIGNS, PROTECTIVE AND DUST PROOF ENCLOSURES, VENTILATION AND OTHER SAFETY RELATED EQUIPMENT, MEASURES NECESSARY TO PROTECT PERSONS AND PROPERTY FROM DAMAGE OR INJURY. INSURE THAT EASILY IDENTIFIABLE AND ACCESSIBLE FIRE EXTINGUISHERS AND FIRST AID KITS, IN ADEQUATE SUPPLY, ARE LOCATED THROUGHOUT THE JOB SITE AT ALL TIMES.

11. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL INSURE THAT ALL WORK ACTIVITIES COMPLY FULLY WITH APPLICABLE OSHA REQUIREMENTS AT ALL TIMES. STRICTLY FOLLOW ALL INSTRUCTIONS, RECOMMENDATIONS AND REQUIREMENTS PUBLISHED OR PROVIDED BY MANUFACTURES FOR PRODUCTS AND MATERIALS TO BE INCORPORATED INTO THE WORK.

12. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE PERMANENT & TEMPORARY DISCONNECTIONS AND CONNECTIONS OF UTILITIES SO AS NOT TO CREATE POTENTIALLY HARMFUL OR HAZARDOUS CONDITIONS WHICH COULD CAUSE HARM TO PERSONS OR PROPERTY. NOTIFY UTILITY COMPANIES (OR UPC) PRIOR TO EXCAVATION OR DEMOLITION OR DOING ANYTHING WHICH COULD INTERRUPT OR DAMAGE UTILITY SERVICES ABOVE OR BELOW GROUND. SUCH NOTIFICATION SHALL BE IN THE MANNER PRESCRIBED BY THE UTILITY COMPANY AND IN COMPLIANCE WITH STATE LAW.

13. A CONSTRUCTION OFFICE SHALL BE INSTALLED ON THE JOB SITE AS SOON AS WORK PERMITS. THIS OFFICE SHALL AT ALL TIMES HAVE A COMPLETE / CURRENT SET OF CONTRACT DOCUMENTS AND A PHONE FOR THE USE OF THE OWNER, DESIGN CONSULTANTS, ARCHITECT, ENGINEERS, AND INSPECTORS.

14. TEMPORARY SANITARY FACILITIES SHALL BE FURNISHED ON THE SITE BY THE GENERAL CONTRACTOR.

15. TEMPORARY ELECTRICAL SERVICE SHALL BE FURNISHED ON THE SITE BY THE GENERAL CONTRACTOR.

16. PROTECT ANY AND ALL EXCAVATIONS, TRENCHES, BUILDING AND ADJACENT PROPERTIES FROM ACCUMULATION OF AND DAMAGE BY RAIN, RUN-OFF WATER, BACKED-UP DRAINS AND SEWERS, PREVENT EROSION OF SOIL OFF THE SITE PER COUNTY STANDARDS.

17. ACCEPTABLE WORK: ALL WORK OF OUTLINED TRADES SHALL BE PERFORMED BY SKILLED CRAFTSMEN WITH AT LEAST (3) YEARS OF UNINTERRUPTED EXPERIENCE IN THEIR RESPECTIVE TRADES ON PROJECTS OF COMPARABLE SIZE AND COMPLEXITY. WORK SHALL BE OF A QUALITY THAT IS ACCEPTABLE BY INDUSTRY STANDARDS AND SATISFACTORY TO THE OWNER. CONTRACTOR(S) SHALL BE PROPERLY LICENSED, DULY CERTIFIED BY STATE AND LOCAL BUILDING AUTHORITIES TO PERFORM THEIR SPECIFIC TRADE OR PARTICULAR TYPE OF WORK IN THIS LOCALE.

18. UPON COMPLETION OF BUILDING AND ANY SITE WORK, ISSUANCE OF CERTIFICATE OF OCCUPANCY, AND ACCEPTANCE BY "OWNER", THE CONTRACTOR SHALL PROVIDE, PREPARE, ASSEMBLE, AND TRANSMIT TO THE OWNER THE FOLLOWING: MAINTENANCE MANUALS FOR ANY EQUIPMENT, OPERATION MANUALS FOR ANY EQUIPMENT, WARRANTIES FOR ALL FOR A PERIOD OF ONE YEAR FROM ACCEPTANCE DATE, FIRE EXTINGUISHER(S) IF AND AS INDICATED ON THE PLANS OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION, KEYS AND KEY SCHEDULE, COORDINATION DEMONSTRATION AND TRIAL RUNS OF ALL EQUIPMENT.

19. DO NOT STORE WEATHER VULNERABLE MATERIALS ON SITE UNLESS INSIDE THE BUILDING OR COVERED SPACE. THE CONTRACTOR SHALL SUPERVISE JOB SITE DELIVERY AND HANDLING, AND ASSIGN STORAGE SPACE FOR MATERIALS, EQUIPMENT AND FIXTURES OF ALL TRADES. ALL MATERIALS AND PRODUCTS SHALL BE STORED IN THEIR ORIGINAL UNBROKEN PACKAGE OR CONTAINER AND SHALL BE PROTECTED FROM DAMAGE DUE TO WEATHER, MOISTURE, HEAT, PHYSICAL ABUSE OR ANY CONDITION WHICH MAY AFFECT THE PERFORMANCE OR APPEARANCE OF THE MATERIAL OR PRODUCT. PROVIDE ANY TEMPORARY COVERINGS OR PLATFORMS NECESSARY TO COMPLY WITH THIS REQUIREMENT.

20. ALL TRASH AND DEBRIS CREATED BY THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE REMOVED FROM THE SITE IN AN ONGOING MANOR, SO AS NOT TO CREATE A DANGEROUS CONDITION FOR WORKERS, OWNER, ARCHITECT OR INSPECTOR. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE SITE UPON COMPLETION OF THE WORK. THE BUILDING REFUSE FACILITIES SHALL NOT BE USED BY THE CONTRACTOR OR HIS SUBCONTRACTORS.

21. THE EXTERIOR EXIT DOOR(S) SHALL BE EQUIPPED WITH AN APPROVED EXIT DEVICE OR SHALL BE EQUIPPED WITH A LOCK THAT IS OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY (THUMB TURN NOT A KEY).

22. ALL DOORS MARKED WITH THE SYMBOL REPRESENTING "EXIT SIGN" SHALL HAVE A CEILING MOUNTED OR WALL MOUNTED ILLUMINATED (RED) LED EXIT SIGN MOUNTED ABOVE THE DOOR IN AREAS WHERE CEILING MOUNT IS POSSIBLE. THE EXIT SIGN SHALL BE EQUIPPED WITH AN EMERGENCY BATTERY POWERED BACK-UP PACK. EXIT LIGHTING SHALL NOT BE ON A DEDICATED CIRCUIT, BUT SHALL BE CONNECTED TO THE LIGHTING CIRCUIT BREAKER FOR THE AREA THE FIXTURE(S) SERVE. COORDINATE ANY REQUIREMENTS FOR AUDIO AND VISUAL ALARMS AND THEIR LOCATIONS WITH THE AUTHORITY HAVING JURISDICTION.

23. ALL FIRE RATED "LABEL" DOOR ASSEMBLIES SHALL CONSIST OF A DOOR, A FRAME, AND HARDWARE FROM A SINGLE SOURCE SUPPLIER, AND SHALL EACH MEET THE SAME RATING REQUIREMENTS.

24. THE GENERAL CONTRACTOR SHALL VERIFY THE PROPOSED WORK SCHEDULE WITH THE OWNER'S REPRESENTATIVE PRIOR TO BIDDING OR NEGOTIATING THE WORK. AFTER WORK COMMENCES THE GENERAL CONTRACTOR SHALL CONTINUE TO VERIFY THE SCHEDULE WITH THE OWNER'S REPRESENTATIVE IF CHANGES ARE NEEDED.

25. ALL PRODUCT INSTALLATION COMPONENTS SHALL BE MANUFACTURED BY A SINGLE SOURCE SUPPLIER AND INSTALLED PER VENDOR RECOMMENDATIONS. SUPPLIER(S) AND INSTALLER(S) SHALL PROVIDE ALL ITEMS, ARTICLES, MATERIALS, OPERATIONS AND METHODS LISTED, MENTIONED, SCHEDULED ON DRAWINGS OR SPECIFIED, INCLUDING RELATED MISCELLANEOUS LABOR, SERVICES, EQUIPMENT, TOOLS, MATERIALS, FASTENERS, TRANSPORTATION AND INCIDENTALS NECESSARY AND REQUIRED TO MAKE ALL CONSTRUCTION AND INSTALLATION OF MATERIALS AND EQUIPMENT COMPLETE IN EVERY RESPECT AND IN PROPER OPERATING CONDITION AT TIME OF FINAL ACCEPTANCE.

26. FURNISH AND INSTALL A MINIMUM REQUIRED NUMBER OF CLASS ABC 10# (2-A) FIRE EXTINGUISHERS SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. ANY REQUIRED FIRE EXTINGUISHERS SHALL BE INSTALLED AT A MAX. OF 48" ABOVE THE FLOOR TO TOP OF THE HANDLE. MAXIMUM OF 48" ABOVE THE FLOOR TO THE TOP OF THE HANDLE. MOUNT IN READILY VISIBLE LOCATION WITHIN THE BUILDING. MOUNT SECURELY TO THE WALL WITH A QUICK RELEASE BRACKET. COORDINATE ANY / ALL MOUNTING LOCATIONS WITH LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE SIGNAGE ACCORDINGLY (DISTANCE BETWEEN FIRE EXTINGUISHERS SHALL NOT EXCEED AS SHOWN IN LIFE SAFETY CODE SHEET).

27. SHOP DRAWING AND SUBMITTAL DATA SHALL BE REVIEWED FOR GENERAL CONFORMANCE WITH ARCHITECTURAL OR ENGINEERING DESIGN CONCEPTS AND COMPLIANCE WITH CONTRACT DOCUMENTS. PROVIDE PERMANENT MARKING ON EACH SUBMITTAL TO IDENTIFY PROJECT, DATE, CONTRACTOR, SUBCONTRACTOR, SUBMITTAL NAME AND SIMILAR INFORMATION TO DISTINGUISH IT FROM OTHER SUBMITTALS. SHOW CONTRACTOR'S EXECUTED REVIEW AND APPROVAL MARKING (SUBMITTALS NOT REVIEWED FULLY BY THE CONTRACTOR AND BEARING APPROPRIATE COMMENTS OR QUESTIONS WILL BE RETURNED TO CONTRACTOR FOR HIS REVIEW), AND PROVIDE ADEQUATE SPACE FOR ARCHITECT'S OR ENGINEER'S "ACTION" MARKING. PACKAGE EACH SUBMITTAL APPROPRIATELY FOR TRANSMITTAL AND HANDLING, IN SUFFICIENT QUANTITIES TO ALLOW FOR THE ARCHITECT / ENGINEER TO RETAIN ONE COPY FOR HIS RECORDS. SUBMITTALS WHICH ARE RECEIVED FROM SOURCES OTHER THAN THROUGH THE CONTRACTORS OFFICE WILL BE RETURNED "WITHOUT ACTION". DO NOT SUBMIT CHANGE ORDER REQUESTS BY WAY OF SHOP DRAWINGS OR SUBMITTAL DATA WITHOUT FIRST BRINGING THE MATTER TO THE ARCHITECT'S, ENGINEERS, OR OWNER'S ATTENTION.

28. AT COMPLETION OF THE WORK THE GENERAL CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT WORK AREA AND REMOVE FROM THE SITE ALL RUBBISH, TRASH, SCRAP MATERIAL AND DEBRIS PRODUCED AS A RESULT OF THE WORK, EITHER BY HIS EMPLOYEES OR BY HIS SUBCONTRACTORS. ALL SUCH MATERIAL SHALL BE SAFELY AND PROPERLY HANDLED AND DISPOSED OF AT AN APPROVED LOCATION UNDER APPROVED PERMITTED CONDITIONS. ALL SURFACES OF THE BUILDING INVOLVED IN THE WORK SHALL RECEIVE A FINAL CLEANING AND SHALL BE BY THE OWNER'S REPRESENTATIVE BEFORE THE OWNER ACCEPTS / OCCUPIES THE BUILDING.

29. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO REPAIR DAMAGED WORK, COMPLETE ALL INCOMPLETE WORK AND MODIFY ANY WORK NOT DONE ACCORDING TO THE CONTRACT DOCUMENTS AS A CONDITION OF FINAL PAYMENT. CONTRACTOR(S) SHALL PROTECT ALL ADJACENT EXISTING WORK FROM DAMAGE AND SHALL CLEAN,REPLACE OR REPAIR ANY WORK DAMAGED BY THEIR OPERATION(S). DAMAGED WORK WHICH CANNOT BE REPAIRED TO "LIKE-NEW" CONDITION SHALL BE REPLACED. WHERE POSSIBLE, PROTECTIVE COATINGS OR COVERS SHALL REMAIN ON INSTALLED MATERIALS AND REMOVED PRIOR TO FINAL INSPECTION.

30. THE GENERAL CONTRACTOR SHALL VERIFY FINISH AND COLOR SELECTIONS WITH THE OWNER'S REPRESENTATIVE (UNLESS PROVIDED OTHERWISE). WHERE APPLICABLE PROVIDE THE OWNER WITH SAMPLES OF MANUFACTURER'S STANDARD SELECTIONS FROM WHICH TO CHOOSE. OBTAIN APPROVALS ON SELECTIONS IN WRITING.

31. PROVIDE SMOKE DETECTORS IN RETUTN AIR FOR UNIT SHUT DOWN FOR ANY UNIT AIR HANDLER RATED 2,000 CFM OR GREATER FOR AUTOMATIC SHUTDOWN. NFPA REQUIRES SMOKE DETECTORS IN RETURN AIR AND MUST SOUND ALARM. SEE MECHANICAL PLANS FOR DETAILS

32. PROVIDE ONE LIGHT FIXTURE IN EACH AREA OF THE BUILDING THAT IS WIRED TO AN APPROVED EMERGENCY LIGHTING BATTERY PACK TO ILLUMINATE THE AREA IN THE EVENT OF A POWER FAILURE.

33. SIGNAGE PLANS SHALL BE SUBMITTED SEPARATE TO THE CODES ENFORCEMENT OFFICE (AUTHORITY HAVING JURISDICTION) FOR APPROVAL TO COUNTY/CITY ORDINANCES AND WHEN APPROVED SHALL BE PERMITTED SEPARATELY. SIGNS, LOCATION, NUMBER AND SIZE ARE NOT APPROVED UNDER THIS PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH SIGN. CONTACT DEVELOPMENT REVIEW FOR ADDITIONAL INFORMATION.

34. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING AND SHORING THE STRUCTURE DURING CONSTRUCTION TO ENSURE STABILITY. ALL WALLS SHALL BE TEMPORARILY BRACED WHILE THEY ARE BEING CONSTRUCTED. INSTALL PERMANENT BRACING AS SOON AS PRACTICAL. DO NOT REMOVE TEMPORARY BRACING UNTIL PERMANENT BRACING OR OTHER FORMS OF SECUREMENT ARE IN PLACE.

FIRE MARSHAL GENERAL NOTES:

1. CONTACT THE FIRE MARSHAL'S OFFICE TO REQUEST APPROPRIATE INSPECTIONS AT 50%, 80% AND 100%.
2. FIRE ALARM SYSTEM TO BE IF REQUIRED BY LOCAL AUTHORITY SHOULD BE PROVIDED IN ACCORDANCE WITH NFPA 72, 2012 EDITION.
3. ANY / ALL DOORS TO HAZARDOUS AREAS SHALL HAVE A DETECTABLE WARNING COMPLYING WITH ACCESSIBILITY CODE.
4. ONE PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION. PORTABLE FIRE EXTINGUISHERS SHALL BE 5 OR 10 LB. 2-A TYPE. A 10 LB. (K35) CHEMICAL FIRE EXTINGUISHER SHALL BE INSTALLED IN THE KITCHEN AREA. EXTINGUISHERS SHALL BE INSTALLED AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE. FINAL LOCATION AND TYPE TO BE DECIDED BY FIRE MARSHAL
5. A CLASS K (FIRE EXTINGUISHER) SHALL BE WITHIN 30 FT. TRAVEL DISTANCE OF ALL COOKING SURFACES PER NFPA 10, SEC.6.6.2 2013 EDITION
6. SIGNS COMPLYING WITH THE REQUIREMENTS OF ACCESSIBILITY CODE SHALL BE PROVIDED. SIGNS SHALL BE RAISED AND HAVE BRAILLE CHARACTERS AND PICTORIAL SYMBOLS.
7. AUDIBLE / VISUAL SIGNAL APPLIANCES COMPLYING WITH THE REQUIREMENTS OF ACCESSIBILITY CODE AND NFPA 72 SHALL BE PROVIDED IF AND AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
8. ACCESSIBLE ROUTE: ALL WALKS, HALLS, CORRIDORS, AISLES, SKY WALKS, TUNNELS AND OTHER SPACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH ACCESSIBILITY CODE.
9. KNEE CLEARANCES: IF SEATING FOR WHEEL CHAIRS IS PROVIDED AT TABLES OR COUNTERS, THE KNEE SPACE SHALL BE AT LEAST 27 INCHES HIGH, 30 INCHES WIDE, AND 19 INCHES DEEP.
10. PROTRUDING OBJECTS: OBJECTS PROJECTING FROM WALLS, FREESTANDING, OVERHEAD, OVERHANGING OBJECTS, & OBJECTS MOUNTED ON POST AND PYLONS SHALL BE INSTALLED IN COMPLIANCE WITH ACCESSIBILITY CODE.
11. SEATS, TABLES AND WORK SURFACES COMPLYING WITH THE REQUIREMENTS OF ACCESSIBILITY CODE SHALL BE PROVIDED.
12. THE BUILDING ADDRESS OR STREET NUMBER SHALL BE VISIBLE FROM THE STREET THAT PROVIDES DRIVEWAY ACCESS TO THE PROPERTY AND SHALL BE PLACED ON A CONTRASTING BACKGROUND. THE STREET NUMBER SHALL HAVE 24 HOUR VISIBILITY. THE STREET NUMBER MUST ALSO MEET ONE OF THE FOLLOWING SIZE REQUIREMENTS:
    a. IF THE STREET NUMBER IS PLACED WITHIN (15') FIFTEEN FEET OF THE CURB OR EDGE OF PAVEMENT OF THE STREET, THE STREET NUMBER SHALL BE POSTED IN FIGURES AT LEAST (4") FOUR INCHES IN HEIGHT.
    b. IF THE STREET NUMBER IS PLACED MORE THAN (15') FIFTEEN FEET FROM THE CURB OR EDGE OF PAVEMENT OF THE STREET THE NUMBER SHALL BE POSTED IN FIGURES AT LEAST 6'0 SIX INCHES IN HEIGHT.
13. CONTRACTOR TO LABEL 1 HR FIRE RATED WALLS WITH SIGNS THAT STATE THE FOLLOWING: "1 HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS' REFER UL DESIGNS). SUCH IDENTIFICATION SHALL BE PLACED NO MORE THAN TWELVE (12) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF TWO (2) INCHES IN HEIGHT ON A CONTRASTING BACKGROUND.
14. EXHAUST HOOD AND GREASE REMOVAL SYSTEM IS REQUIRED TO BE INSTALLED OVER THE COOKING APPLIANCES IN ACCORDANCE WITH NFPA 96 2011 EDITION. COOKING APPLIANCES UNDER THE HOOD REQUIRED TO BE PROTECTED BY A FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA 17A 2013 EDITION.
15. (EXHAUST HOOD AND GREASE) REMOVAL SYSTEM CONTRACTOR SHALL OBTAIN THE REQUIRED PERMIT FROM THE GWINNETT COUNTY FIRE MARSHAL'S OFFICE PRIOR TO INSTALLATION. ANY EXHAUST HOOD AND GREASE REMOVAL SYSTEM INCLUDED IN THIS SET OF PLANS ARE FOR REFERENCE ONLY. NOT FOR PERMIT.

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR LOCATIONS
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.

ACCESSIBILITY NOTES:

1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (FIG. 43(a)) SHALL BE USED TO IDENTIFY ACCESSIBLE FACILITIES.
2. ALL TOILET FIXTURES AND ACCESSORIES FOR TOILET ROOMS DESIGNATED BARRIER FREE SHALL COMPLY WITH THE ACCESSIBILITY CODE, ANSI A117.1 AND ADA FEDERAL LAW REQUIREMENTS FOR MAKING ALL BUILDINGS ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PEOPLE. PROVIDE ROOM IDENTIFICATION WITH THE INTERNATIONAL SYMBOL FOR EACH ACCESSIBLE TOILET ROOM.
3. GRAB BARS AT SIDE OF WATER CLOSETS SHALL BE A MINIMUM 42 INCHES LONG AND BEGIN 12 INCHES FROM THE CORNER. GRAB BARS ABOVE AND BEHIND THE WATER CLOSET SHALL BE CENTERED ON THE WATER CLOSET, AND BE 36 INCHES LONG. LONGER BARS OR AN L-SHAPED CONTINUOUS BAR MAY BE PROVIDED.
4. GRAB BARS SHALL BE 33 INCHES ABOVE AND PARALLEL TO THE FINISH FLOOR, MEASURED VERTICALLY TO THE TOP OF THE RAIL WITH A VARIATION OF NOT MORE THAN 1/2 INCH AND SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/2 INCHES AND BE 1-1/2 INCHES AWAY FROM THE WALL.
5. GRAB BARS SHALL BE MOUNTED TO SUPPORT 250 LBS. WITH BLOCKING AS REQUIRED IN CAVITY WALLS.
6. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF 29 INCHES MINIMUM AND 34 INCHES MAXIMUM FROM FLOOR TO BOTTOM OF THE APRON. PLUMBING SHALL BE ARRANGED SO THAT A KNEE CLEARANCE OF 8 INCHES DEEP, A TOE CLEARANCE OF 6 INCHES, & A FLOOR SPACE OF 17 INCHES IS ACHIEVED (@ BARRIER FREE TOILET ROOM.).
7. EXPOSED HOT WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES SHALL BE WRAPPED WITH INSULATION OR OTHERWISE COVERED. NO SHARP OR ABRASIVE SURFACES SHALL BE FOUND UNDER LAVATORIES.
8. FAUCETS SHALL BE LEVER-TYPE OR PUSH-TYPE AND SHALL BE OPERABLE BY ONE HAND. SELF CLOSING VALVES ARE PERMITTED PROVIDING THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
9. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE AT 40 INCHES A.F.F. MAX.
10. ALL PAPER TOWEL DISPENSERS SHALL BE MOUNTED AT USER HEIGHT OF 40 INCHES A.F.F. (AT BARRIER FREE TOILET ROOM).
11. TOILET PAPER DISPENSERS SHALL BE MOUNTED 19 INCHES - 36 INCHES A.F.F.
12. WATER CLOSET HEIGHT SHALL BE 17 INCHES TO 19 INCHES, MEASURED FROM THE TOP OF THE TOILET SEAT TO THE FINISHED FLOOR (AT BARRIER FREE TOILET ROOM).
13. ELECTRIC WATER COOLERS / DRINKING FOUNTAINS SHALL BE MANUFACTURED FOR USE BY THE PHYSICALLY HANDICAPPED, AND SHALL MEET APPLICABLE LOCAL STANDARDS. WATER COOLER SHALL HAVE AN ADJACENT CLEAR FLOOR SPACE OF 30 INCHES X 48 INCHES.
14. ACCESSIBLE TOILET ROOM SHALL HAVE A (5') FIVE FOOT DIAMETER CIRCULAR AREA FOR MANEUVERING A DOORWAY. ALL DOORS SHALL HAVE A MINIMUM 12" CLEAR ON THE PUSH SIDE AND 18" CLEAR AT THE PULL SIDE (APPLICABLE FOR ANY AND ALL ACCESSIBLE ROUTES)
15. MINIMUM CLEAR WIDTH OF PASSAGE SHALL BE 36 INCHES CLEAR AT ANY POINT CONTINUOUSLY, AND 32 INCHES AT A DOORWAY. ALL DOORS SHALL HAVE A MINIMUM 12" CLEAR ON THE PUSH SIDE AND 18" CLEAR AT THE PULL SIDE (APPLICABLE FOR ANY AND ALL ACCESSIBLE ROUTES)
16. THE DOOR TO ACCESSIBLE TOILET ROOM SHALL NOT SWING INTO REQUIRED CLEAR FLOOR SPACE FOR ANY FIXTURE.
17. ALL DOOR LATCH SETS OR LOCK SETS SHALL HAVE LEVER FUNCTION. DOOR HARDWARE, HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVISES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. CLOSERS SHALL HAVE (3) THREE SECONDS FROM 70 DEGREE OPENINGS.
18. ALL EXIT DOORS ARE TO FINISH GRADE ELEVATION AND SHALL NOT REQUIRE ANY STEPS. THE ELEVATION OF THE FLOOR SURFACES ON BOTH SIDES OF AN EXIT DOOR SHALL NOT VARY BY 1/2". THE ELEVATION SHALL BE MAINTAINED ON BOTH SIDES OF THE DOORWAY FOR A DISTANCE AT LEAST EQUAL TO THE WIDTH OF THE WIDEST LEAF. THRESHOLDS AT EXIT DOORWAYS SHALL NOT BE MORE THAN 1/2" IN HEIGHT.
19. (SIGNAGE FOR RESTROOMS) SHALL BE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL SIGNS. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR INCLUDING AT DOUBLE LEAF DOORS. SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTER OF THE SIGN.
20. THE FLOOR LEVEL SHALL BE THE SAME ON BOTH SIDES OF THE DOOR THE LEVEL SHALL BE MAINTAINED FOR A DISTANCE AT LEAST EQUAL TO THE WIDTH OF THE WIDEST LEAF OF THE DOORS.
21. DRINKING FOUNTAINS SHALL MEET THE REQUIREMENTS OF SECTION 602 OF THE 2010 ADA STANDARDS OF ACCESSIBLE DESIGN. THE SPOUT HEIGHT SHALL BE 36 INCHES MAXIMUM ABOVE THE FINISHED FLOOR AND PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM TO ALLOW THE INSERTION OF A CUP FOR AND INDIVIDUAL WHO, BECAUSE OF A DISABILITY WOULD OTHERWISE BE INCAPABLE OF USING A DRINKING FOUNTAIN. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR, SECTION 602.7.
22. PAPER DISPENSERS SHALL BE 7 INCH

HOME2 SUITES BY HILTON™

Abbreviations and Definitions

Abbreviations definitions within () are content specific, or optional, depending on the note.
For example:
Content: Refer to Arch. would be read: "Refer to Architectural"
Contact Arch. would be read: "Contact Architect"
Optional: Dwg.=Drawing and Dwgs.=Drawings

NECESSARY: WORK NEEDED TO COMPLETE THE WORK. TO: "MAKE IT OPERATIONAL"
REQUIRED: WORK NEEDED TO BE IN COMPLIANCE WITH BUILDING CODE, GOVERNING CODE, OR JURISDICTION HAVING AUTHORITY.
PROVIDE: RESPONSIBLE FOR PURCHASE, DELIVERY, RECEIVING, INSPECTION, STORAGE, PREPARATION, AND INSTALLATION OF ITEM(S).
FURNISH: RESPONSIBLE FOR PURCHASE AND DELIVERY OF ITEM(S)
INSTALL: RESPONSIBLE FOR RECEIVING, INSPECTION, STORAGE, PREPARATION AND INSTALLATION OF ITEM(S).

& or	And
L or ∠	Angle
@	At
SM or S.M.	Square Meters
#	Pound(s) or Number
+/- or ±	Plus Minus
A.B.	Anchor Bolt
A/C	Air Conditioning
ACOUST.	Acoustical
ADJ.	Adjacent
AFF or A.F.F.	Above Finish Floor
AFG or A.F.G.	Above Finish Grade
ALUMN. or ALUM.	Aluminum
ANGL.	Angle
APPROX.	Approximate
ARCH.	Architect(ural)
ASPH.	Asphalt
ATTN. or ATTEN.	Attention
Bxxxx	Bottom of ____
BD.	Board
BIT.	Bituminous
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
BOT.	Bottom
BRG.	Bearing
BRK.	Brick
BRKMTL.	Break Metal
B.U.R.	Built Up Roofing
C or CH.	Channel
CAB.	Cabinet
CB or C.B.	Cement Board
C/C or C.C	Center to Center
CCTV or C.C.T.V.	Closed Circuit Television
Cer.	Ceramic
CF or C.F.	Communication Features
CL or C.L. or	Centerline
CLG. or CLNG.	Ceiling
CMU or C.M.U.	Concrete Masonry Unit
C.O.	Closed Opening
COL.	Column
COMB.	Combination or Combine
COMP. or COMPT.	Compact(ed)
CONC.	Concrete
CONST.	Construction
CONT.	Continuous
CORR.	Corridor
C.W.	Cold Water
C/J or C.J.	Control Joint
CLR.	Clear
D, DN. DWN.	Down
DBL.	Double
DEPT.	Department
DETL. or DTL.	Detail
DIA. or	Diameter
D.F.	Drinking Fountain
DIV.	Division
DR. or DRN.	Drain
DS. or D.S.	Downspout
DWG(S).	Drawing(s)
E or E.	East
EA.	Each
EJ or EJ. or E.J.	Expansion Joint
EL. or ELE.	Elevation
ELEC. or ELECT	Electrical
ELEV.	Elevator
EMER. or EMERG.	Emergency
ENCL.	Enclosure
ENG.	Engineer
EP or E.P.	Electrical Panel
EQ.	Equal
EQUIP.	Equipment
EWC or E.W.C.	Electrical Water Cooler
E.W.	Each Way
EXIST.	Existing
EXP.	Expansion
EXT.	Exterior
F.A.	Fire Alarm
F.B.	Face Brick
FD. or F.D.	Floor Drain
FDN.	Foundation
F.E.	Fire Extinguisher
F.E.C.	Fire Extinguisher Cabinet
FIN.	Finish
FL. or FLR.	Floor
FLUOR.	Fluorescent
FRM.	Frame
F.R.	Fire Resistant
F.R.C.	Fiber Reinforced Concrete
F.R.T.	Fire Retardant Treated
F.R.P.	Fiber Reinforced Plastic
FT.	Foot (feet)
FTG.	Footing
FUT. or FUTR.	Future
FV. or F.V.	Field Verify
Ga.	Gauge
GALV.	Galvanized
G.B.	Gypsum Board
GEN.	General
GFRC	Glass Fiber Reinforced Concrete
GFRG	Glass Fiber Reinforced Gypsum
GL. or GLAZ.	Glass/Glazing
GRAN.	Granular
G.S.M.	Galvanized Sheet Metal
G.V.	Gas Valve
GYP.	Gypsum
GYP. BD.	Gypsum Board

H	High
HADG	Hilton Accessibility Design Guide
HC. or H.C.	Handicapped
H.B.	Hose Bib
HDWD.	Hardwood Floors
HDWR.	Hardware
HGT. OR HT.	Height
HM. OR H.M.	Hollow Metal
HORIZ.	Horizontal
H.P.	High Point
HTG.	Heating
HR. or Hr.	Hour
HVAC or H.V.A.C.	Heating, Ventilation and A/C
H.W.	Hot water
I.D.	Inside Diameter
IN.	Inch(es)
INCL.	Include
INFO.	Information
INSUL.	Insulation
INT.	Interior
INV.	Invert
JC or J.C.	Janitor's Closet
JAN.	Janitor(ial)
JT. or JNT.	Joint
KIT.	Kitchen
K.O.	Knock out
LAM.	Laminate
LAV.	Lavatory
LB. or LBS.	Pound(s)
LT. MTL.	Light Gauge Metal Framing
L.A.	Low Point
LT.	Light
LT. WT.	Light Weight
L.L.H. or LLH	Long Leg Horizontal
L.L.V. or LLV	Long Leg Vertical
MAS.	Masonry
MAX.	Maximum
MED.	Medium
MDO or M.D.O.	Medium Density Overlay
MECH.	Mechanical
MFR. or MANUF.	Manufacturer
M.H.	Man Hole
MIN.	Minimum
MISC.	Miscellaneous
M.O.	Masonry Opening
MR. or M.R.	Moisture Resistant
MTD.	Mounted
MTG.	Mounting
MTL.	Metal
MULL.	Mullion
N or N.	North
NA. or N.A.	Not Applicable
NECY	Necessary
N.I.C.	Not in Contract
No.	Number
NOM.	Nominal
NON COMB.	Non Combustible
N.T.S.	Not to Scale
O.A.	Overall
O.C.	On Center
O.D.	Overflow Drain or Outside Dia
OFF	Office
O.H.	Overhead or Opposite Hand
OPNG	Opening
OPP.	Opposite
O.T.O.	Out to Cut
PART	Particle, Partial or Partition
PL	Plate
P. LAM or P.L.	Plastic Laminate
PLAS.	Plaster
PLBG.	Plumbing
PLWD. or PLYWD.	Plywood
PNL.	Panel
PORC.	Porcelain
PR.	Pair
P.S.F.	Pounds per Square Foot
P.T.	Pressure Treated
POST TEN.	Post Tensioned
PTN. or PARTN.	Partition
R	Riser
R.A.	Return Air
RAD.	Radius
RD. or R.D.	Roof Drain
RD	Reference Dimension
REC.	Recessed
RECV or REC'VD	Receive or Received
REF. or RE.	Refer or Referenced
RM.	Refrigerator
REG.	Regular or Register
REINF	Reinforce(d)
REQ'D	Required
RES.	Resilient
RM.	Room
R.O.	Rough Opening
S or S.	South
SCHED or SCHEDL.	Schedule
SECT.	Section
SHT.	Sheet
SIM.	Similar
SM. or S.M.	Surface Mounted
SPEC.	Specification
SQ.	Square
SS OR S.S.	Stainless Steel
ST.	Street
STD.	Standard
STL.	Steel
STOR.	Storage
STRUCT.	Structural
SUSP.	Suspended
SYM.	Symmetrical

T\xxxx	Top of ____
T or T.	Tread
TEL.	Telephone
TEMP.	Temporary or Tempered
T&B	Top and Bottom
T&G	Tongue and Groove
THRU	Through
TS or T.S.	Tube Steel
TV OR T.V.	Television
TYP.	Typical
U.N.O.	Unless Noted Otherwise
UR. or URNL.	Urinal
VAR.	Varies/ Variable
VCT or V.C.T.	Vinyl Composition Tile
VB or VB. or V.B.	Vertical Bracing
VERT.	Vertical
V/F. or V.I.F.	Verify in Field
W or W.	West
W/	With
W/O	Without
W.O.	Water Closet
WD.	Wood
W.F.	Wide Flange
WIN	Window
W.P.	Waterproof
W.M.	Wire Mesh
WWF or W.W.F.	Welded Wire Fabric
WWM or W.W.M.	Welded Wire Mesh
WSCT.	Wainscot
WT.	Weight
W.V.	Water Valve

Vertical Room Chart

		x02	x04	x06	x08	x10	x12	x14	x16	x18	x20	x22	x24	x26	x28	x30	x32	x01	x03	x05	x07	x09	x11	x13	x15	x17	x19	x21	x23	x25	x27	x29	x31
4	Lobby/Hkp	ST	ST	ST	ST*	ST*	ST	ST		AQB*		ST*	ST	ST	ST	ST	ST	AST*	ST*	ST	ST	ST	ST	ST	ST	ST	ST	ST*	ST*	ST	ST	ST	QB
3	Lobby/Hkp	ST	ST	ST	ST*	ST*	ST	ST		AQB*		ST*	ST	ST	ST	ST	ST	AST*	ST*	ST	ST	ST	ST	ST	ST	ST	ST	ST*	ST*	ST	ST	ST	QB
2	Lobby/Hkp	ST	ST	ST	ST	ST*	ST	ST		AQB*		ST*	ST	ST	ST	ST	ST	AST*	ST*	ST	ST	ST	ST	ST	ST	ST	ST	ST*	ST*	ST	ST	ST	QB
1	Public and BOH Areas									AQB*		ST*	ST	ST	ST	ST	ST	Public and BOH Areas									ST	ST*	ST*	ST	ST	ST	QB

ST = Queen Studio
QB = Queen One Bedroom
AST = Queen Studio - Accessible
AQB = Queen One Bedroom - Accessible
* = Adjoining Room

Guest Room Count Breakdown - 104 Total Rooms

	GROUND FLR	2ND FLOOR	3RD FLOOR	4TH FLOOR	TOTAL
QUEEN STUDIO:	9	21	21	21	72
QUEEN ONE BEDROOM:	1	1	1	1	4
QUEEN STUDIO - ACCESSIBLE:	--	1	1	1	3
QUEEN ONE BEDROOM - ACCESSIBLE:	1	1	1	1	4
QUEEN STUDIO - CONNECTING:	3	6	6	6	21
	14	30	30	30	104

Room Sizes

QUEEN STUDIO:	12' X 27'-6"
QUEEN ONE BEDROOM:	24'-8" X 18'
QUEEN STUDIO - ACCESSIBLE:	16' X 27'-6"
QUEEN ONE BEDROOM - ACCESSIBLE:	24'-8" X 22'-3"
QUEEN/QUEEN STUDIO (OPTIONAL):	12' X 35'
QUEEN/QUEEN STUDIO - ACCESSIBLE (OPTIONAL):	16'-1" X 35'-10"
KING STUDIO (OPTIONAL):	12' X 29'

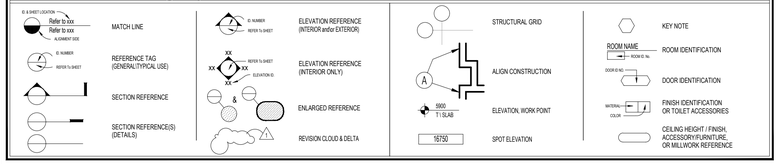
Accessible Rm. Matrix

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
5	QUEEN ONE BEDROOM-ACCESSIBLE W/ ROLL-IN SHOWER	2	2	ROOMS 120, 220
	QUEEN ONE BEDROOM-ACCESSIBLE W/ ACCESSIBLE TUB	5	2	ROOMS 320, 420
	QUEEN STUDIO-ACCESSIBLE W/ ACCESSIBLE TUB		3	ROOMS 201,301, 401
TOTAL			7	

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
7	C.F. QUEEN STUDIO	11	4	ROOMS 124, 214, 319, 419
	C.F. QUEEN STUDIO-CONNECTING		4	ROOMS 121, 212, 312, 421
	C.F. QUEEN ONE BEDROOM		3	ROOMS 131, 231, 331
	C.F. QUEEN STUDIO-ACCESSIBLE	1	1	ROOM 201
TOTAL		12	12	

- C.F. DENOTES ROOMS THAT HAVE COMMUNICATING FEATURES. ONE (1) COMMUNICATION FEATURE ROOM MUST ALSO BE ACCESSIBLE, BUT NO MORE THAN 10% OF ROOMS THAT COUNT TOWARDS THE REQUIRED C.F. TOTAL ROOM

Index to Drawing Symbols



Architectural General Project Notes:

1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ARE THE ONLY ACCEPTABLE MEANS OF LOCATION.
2. ALL DIMENSIONS ARE TO FACE OF WALL STUD U.N.O.
3. PROVIDE WALL BOARD TRIM AT ALL EXPOSED EDGES AND CORNERS OF GYPSUM WALLBOARD CONSTRUCTION. J-BEAD OR OTHER NON-DRYWALL COMPOUND TRIM PIECES PROHIBITED (U.N.O.)
4. IT IS THE INTENTION OF THE KEY NOTES LOCATED ON THE VARIOUS SHEET(S) WITHIN THIS DRAWING SET TO IDENTIFY CONSTRUCTION ELEMENTS, NOT NECESSARILY DESCRIBE ENTIRE ASSEMBLIES OR PROCESSES. THE INSTALLATION OF SAID ELEMENT SHOULD INCLUDE ALL ASSOCIATED CONSTRUCTION NECESSARY TO ACHIEVE INSTALLATION AND OPERATION (USE) OF SAID ITEM. FOR EXAMPLE, THE INSTALLATION OF CERAMIC TILE SHALL INCLUDE (BUT BE NOT LIMITED TO) THE SURFACE PREPARATION, MASTIC, GROUT, EDGE STRIPS, SEALING, CLEANING, ETC. IN ADDITION, IF THE PLUMBER INSTALLS A LAVATORY, IT MEANS HE/SHE SHALL PREPARE SURFACE(S), SET LAVATORY, SEAL AROUND BOWL, PROVIDE FAUCET, CONNECT TO PLUMBING AS NECESSARY TO ACHIEVE AN AESTHETICALLY PLEASING, ACCESSIBLE (WHERE INDICATED), OPERATIONAL LAVATORY UPON COMPLETION OF THE PROJECT.
5. ALL ELEVATIONS ARE BASED ON 0.00' REFERENCING A GRADE LEVEL OF 0.00' EXCEPT FOR ELEVATIONS THAT REFERENCE A F.F (ABOVE FINISHED FLOOR) OR OTHER SPECIFIC INDICATOR.
6. REFERENCE DIMENSION (RD) THESE DIMENSIONS ARE PROVIDED FOR GENERAL REFERENCE ONLY. ACTUAL DIMENSION MAY VARY BASED ON CONSTRUCTION METHOD.

Project Accessibility Notes:

THESE PLANS HAVE BEEN DESIGNED IN COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. THE TERM "ACCESSIBLE" WILL BE USED THROUGHOUT THESE PLANS TO REFER TO THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN WHICH ARE MANDATED FOR PLACES OF PUBLIC ACCOMMODATION BY TITLE III REGULATIONS OF THE ADA AT 28 CFR PART 36, SUBPART D; AND MUST FOLLOW THE 2010 ADAAG AT 36 CFT PART 1191, APPENDICES B AND D. OWNER MUST ALSO ENSURE THAT THE FACILITY IS CONSTRUCTED AND MAINTAINED IN COMPLIANCE WITH THE ADA STANDARDS.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PROJECT GENERAL INFORMATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A0.00

DRAWING INDEX

ARCHITECTURAL

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
CS	COVER SHEET	100% SUBMITTAL	12/15/2020
GN	PROJECT GENERAL NOTES	100% SUBMITTAL	12/15/2020
A0.00	PROJECT GENERAL INFORMATION	100% SUBMITTAL	12/15/2020
A0.00a	DRAWING INDEX	100% SUBMITTAL	12/15/2020
ADA-1	ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS	100% SUBMITTAL	12/15/2020
ADA-2	ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS	100% SUBMITTAL	12/15/2020
ADA-3	ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS	100% SUBMITTAL	12/15/2020
ADA-4	ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS	100% SUBMITTAL	12/15/2020
ADA-5	ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS	100% SUBMITTAL	12/15/2020
CD1	CODE DATA AND ANALYSIS	100% SUBMITTAL	12/15/2020
CD2	LIFE SAFETY PLAN - FIRST & SECOND FLOOR	100% SUBMITTAL	12/15/2020
CD3	LIFE SAFETY PLAN - THIRD & FOURTH FLOOR	100% SUBMITTAL	12/15/2020
T001	PARTITION ASSEMBLIES & WALL SCHEDULE	100% SUBMITTAL	12/15/2020
T002	PARTITION ASSEMBLIES & WALL SCHEDULE	100% SUBMITTAL	12/15/2020
T003	PARTITION ASSEMBLIES & WALL SCHEDULE	100% SUBMITTAL	12/15/2020
T004	1ST FLOOR WALL RATING & PARTITION TYPE	100% SUBMITTAL	12/15/2020
T005	2ND FLOOR WALL RATING & PARTITION TYPE	100% SUBMITTAL	12/15/2020
T006	3RD FLOOR WALL RATING & PARTITION TYPE	100% SUBMITTAL	12/15/2020
T007	4TH FLOOR WALL RATING & PARTITION TYPE	100% SUBMITTAL	12/15/2020
004	FIRST FLOOR AREA PLAN	100% SUBMITTAL	12/15/2020
005	SECOND FLOOR AREA PLAN	100% SUBMITTAL	12/15/2020
006	THIRD FLOOR AREA PLAN	100% SUBMITTAL	12/15/2020
007	FOURTH FLOOR AREA PLAN	100% SUBMITTAL	12/15/2020
A0.01	ARCHITECTURAL SITE PLAN	**100% SUBMITTAL**	**12/15/2020**
A0.02	SITE ENLARGED PLAN	100% SUBMITTAL	12/15/2020
A0.02a	SITE SECTION AND ELEVATION	100% SUBMITTAL	12/15/2020
A0.03	SITE DETAILS	100% SUBMITTAL	12/15/2020
A0.04	SITE DETAILS	100% SUBMITTAL	12/15/2020
A2.00	FIRST FLOOR ACCESSIBILITY PLAN	100% SUBMITTAL	12/15/2020
A2.00a	TYPICAL FLOOR ACCESSIBILITY PLAN	100% SUBMITTAL	12/15/2020
A2.01	FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
A2.02	SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
A2.03	THIRD FLOOR PLAN	100% SUBMITTAL	12/15/2020
A2.04	FOURTH FLOOR PLAN	100% SUBMITTAL	12/15/2020
A2.05	ROOF PLAN	100% SUBMITTAL	12/15/2020
A2.06	FIRST & TYPICAL FLOOR CORRIDOR FINISH & POWER PLANS	100% SUBMITTAL	12/15/2020
A3.01	FIRST FLOOR RCP PLAN	100% SUBMITTAL	12/15/2020
A3.01a	SECOND FLOOR RCP PLAN	100% SUBMITTAL	12/15/2020
A3.02	THIRD & FOURTH FLOOR RCP PLANS	100% SUBMITTAL	12/15/2020
A4.01	ENLARGED PLANS - QUEEN STUDIO	100% SUBMITTAL	12/15/2020
A4.01a	ENLARGED ELEVATIONS - QUEEN STUDIO	100% SUBMITTAL	12/15/2020
A4.02	ENLARGED PLANS - QUEEN STUDIO CONNECTING	100% SUBMITTAL	12/15/2020
A4.02a	ENLARGED ELEVATIONS - QUEEN STUDIO CONNECTING	100% SUBMITTAL	12/15/2020
A4.03	ENLARGED PLANS - QUEEN STUDIO ACCESSIBLE	100% SUBMITTAL	12/15/2020
A4.03a	ENLARGED PLAN & ELEVATIONS - QUEEN STUDIO ACCESSIBLE	100% SUBMITTAL	12/15/2020
A4.04	ENLARGED PLANS - QUEEN ONE BEDROOM	100% SUBMITTAL	12/15/2020
A4.05	ENLARGED PLANS - QUEEN ONE BEDROOM	100% SUBMITTAL	12/15/2020
A4.05a	ENLARGED ELEVATIONS - QUEEN ONE BEDROOM	100% SUBMITTAL	12/15/2020
A4.06	ENLARGED PLANS - QUEEN ONE BEDROOM ACCESSIBLE	100% SUBMITTAL	12/15/2020
A4.07	ENLARGED PLANS - QUEEN ONE BEDROOM ACCESSIBLE	100% SUBMITTAL	12/15/2020
A4.07a	ENLARGED ELEVATIONS - QUEEN ONE BEDROOM ACCESSIBLE	100% SUBMITTAL	12/15/2020
A4.41	TYPICAL GUEST ROOM - ENLARGED BATH PLANS & ELEVATIONS	100% SUBMITTAL	12/15/2020
A4.41a	TYPICAL GUEST ROOM - ENLARGED BATH PLANS & ELEVATIONS	100% SUBMITTAL	12/15/2020
A4.42	ACCESSIBLE GUEST ROOM - ENLARGED BATH PLANS & ELEVATIONS	100% SUBMITTAL	12/15/2020
A4.42a	ACCESSIBLE GUEST ROOM - ENLARGED BATH PLANS & ELEVATIONS	100% SUBMITTAL	12/15/2020
A4.43	OPTIONAL BATHTUB - GUEST ROOMS	100% SUBMITTAL	12/15/2020
A4.43a	OPTIONAL BATHTUB - GUEST ROOMS	100% SUBMITTAL	12/15/2020
A4.50	ENLARGED FIRST FLOOR CONSTRUCTION PLAN - LOBBY	100% SUBMITTAL	12/15/2020
A4.51	ENLARGED FIRST FLOOR FINISH AND POWER PLAN - LOBBY	100% SUBMITTAL	12/15/2020
A4.52	ENLARGED FIRST FLOOR FURNITURE AND EQUIPMENT PLAN - LOBBY	100% SUBMITTAL	12/15/2020
A4.53	ENLARGED FIRST FLOOR CEILING PLAN - LOBBY	100% SUBMITTAL	12/15/2020
A4.54	INTERIOR ELEVATION - LOBBY	100% SUBMITTAL	12/15/2020
A4.54a	INTERIOR ELEVATION - LOBBY	100% SUBMITTAL	12/15/2020
A4.55	INTERIOR ELEVATION - LOBBY & CORRIDOR	100% SUBMITTAL	12/15/2020
A4.55a	INTERIOR ELEVATION - LOBBY & CORRIDOR	100% SUBMITTAL	12/15/2020
A4.56	ENLARGED PLANS - PUBLIC SPACES	100% SUBMITTAL	12/15/2020
A4.56a	ENLARGED PLANS - PUBLIC SPACES	100% SUBMITTAL	12/15/2020
A4.60	ENLARGED CONSTRUCTION & CEILING PLANS - POOL	100% SUBMITTAL	12/15/2020
A4.62	INTERIOR ELEVATIONS & DETAILS - POOL	100% SUBMITTAL	12/15/2020
A4.63	ENLARGED PLANS - MEETING ROOM	100% SUBMITTAL	12/15/2020
A4.63a	ENLARGED ELEVATIONS - MEETING ROOM	100% SUBMITTAL	12/15/2020
A4.70	CASEWORK: BREAKFAST SERVING COUNTER	100% SUBMITTAL	12/15/2020
A4.71	CASEWORK: BREAKFAST SERVING COUNTER AND BUSSING STATION	100% SUBMITTAL	12/15/2020
A4.72	CASEWORK: MEDIA WALL AND COFFEE BAR	100% SUBMITTAL	12/15/2020
A4.73	CASEWORK: MEDIA WALL AND COFFEE BAR, DISH RECOVERY, AND HOME2 MARKET	100% SUBMITTAL	12/15/2020
A4.74	CASEWORK: FRONT DESK	100% SUBMITTAL	12/15/2020
A4.75	CASEWORK: BUSINESS CENTER A, GUEST LAUNDRY, AND VANITY	100% SUBMITTAL	12/15/2020
A4.76	CASEWORK: WINDOW PERCH AND PERCH	100% SUBMITTAL	12/15/2020
A4.77	CASEWORK: WORK STATION, MANAGER'S WORK SURFACE, AND EMPLOYEE BREAK ROOM	100% SUBMITTAL	12/15/2020
A4.78	CASEWORK: HOUSE LAUNDRY, ENGINEER'S OFFICE, AND SALES OFFICE	100% SUBMITTAL	12/15/2020
A5.01	BUILDING ELEVATIONS	100% SUBMITTAL	12/15/2020
A5.01a	BUILDING ELEVATIONS	100% SUBMITTAL	12/15/2020
A5.02	BUILDING ELEVATIONS	100% SUBMITTAL	12/15/2020
A5.03	BUILDING ELEVATIONS	100% SUBMITTAL	12/15/2020
A5.04	BUILDING ELEVATIONS	100% SUBMITTAL	12/15/2020
A5.05	ENLARGED ELEVATIONS	100% SUBMITTAL	12/15/2020
A6.01	BUILDING SECTIONS	100% SUBMITTAL	12/15/2020
A6.02	BUILDING SECTIONS	100% SUBMITTAL	12/15/2020
A6.03	BUILDING SECTIONS	100% SUBMITTAL	12/15/2020
A6.04	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.05	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.06	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.07	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.08	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.11	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.12	WALL SECTIONS	100% SUBMITTAL	12/15/2020
A6.12a	SECTIONS	100% SUBMITTAL	12/15/2020
A6.13	STAIRCASE PLAN & SECTIONS	100% SUBMITTAL	12/15/2020
A6.14	STAIRCASE TYPICAL DETAILS	100% SUBMITTAL	12/15/2020
A10.01	DOOR SCHEDULE	100% SUBMITTAL	12/15/2020
A10.02	DOOR SCHEDULE	100% SUBMITTAL	12/15/2020
A10.02a	WINDOW SCHEDULE	100% SUBMITTAL	12/15/2020
A10.03	TYPICAL FLOOR DETAIL	100% SUBMITTAL	12/15/2020
A10.04	PLUMBING WALL DETAIL	100% SUBMITTAL	12/15/2020
FS-1	FOOD SERVICE -EQUIPMENT PLAN & SCHEDULE	100% SUBMITTAL	12/15/2020
FS-2	ELECTRICAL ROUGH-INS PLAN & UTILITY SCHEDULE	100% SUBMITTAL	12/15/2020
FS-3	PLUMBING ROUGH-INS PLAN & UTILITY SCHEDULE	100% SUBMITTAL	12/15/2020
FS-4	BUILDING WORKS PLAN	100% SUBMITTAL	12/15/2020
FS-5	ELEVATIONS AND DETAILS	100% SUBMITTAL	12/15/2020

DRAWING INDEX

ARCHITECTURAL CONT.

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
A11.00	UL DESIGN NO. U305 PART 1	100% SUBMITTAL	12/15/2020
A11.00a	UL DESIGN NO. U305 PART 2	100% SUBMITTAL	12/15/2020
A11.01	UL DESIGN NO. U309 PART 1	100% SUBMITTAL	12/15/2020
A11.01a	UL DESIGN NO. U309 PART 2	100% SUBMITTAL	12/15/2020
A11.02	UL DESIGN NO. U415 PART 1	100% SUBMITTAL	12/15/2020
A11.02a	UL DESIGN NO. U415 PART 2	100% SUBMITTAL	12/15/2020
A11.03	UL DESIGN NO. U906	100% SUBMITTAL	12/15/2020
A11.04	UL DESIGN NO. X525	100% SUBMITTAL	12/15/2020
A11.05	UL DESIGN NO. X633 PART 1	100% SUBMITTAL	12/15/2020
A11.05a	UL DESIGN NO. X633 PART 2	100% SUBMITTAL	12/15/2020
A11.06	UL DESIGN NO. Y624 PART 1	100% SUBMITTAL	12/15/2020
A11.06a	UL DESIGN NO. Y624 PART 2	100% SUBMITTAL	12/15/2020
A11.10	UL DESIGN NO. L511 PART 1	100% SUBMITTAL	12/15/2020
A11.10a	UL DESIGN NO. L511 PART 2	100% SUBMITTAL	12/15/2020
A11.10b	UL DESIGN NO. L511 PART 3	100% SUBMITTAL	12/15/2020
A11.11	UL DESIGN NO. L524 PART 1	100% SUBMITTAL	12/15/2020
A11.11a	UL DESIGN NO. L524 PART 2	100% SUBMITTAL	12/15/2020
A11.11b	UL DESIGN NO. L524 PART 3	100% SUBMITTAL	12/15/2020
A11.12	UL DESIGN NO. L570 PART 1	100% SUBMITTAL	12/15/2020
A11.12a	UL DESIGN NO. L570 PART 2	100% SUBMITTAL	12/15/2020
A11.12b	UL DESIGN NO. L570 PART 3	100% SUBMITTAL	12/15/2020
A11.13	UL DESIGN NO. N625 PART 1	100% SUBMITTAL	12/15/2020
A11.13a	UL DESIGN NO. N625 PART 2	100% SUBMITTAL	12/15/2020
A11.20	GA FILE NO RC2601, RC 2750 AND WP 3370, WP 8105	100% SUBMITTAL	12/15/2020
A12.01	ARCHITECTURAL SPECIFICATIONS	**100% SUBMITTAL**	**12/15/2020**
A12.02	ARCHITECTURAL SPECIFICATIONS	**100% SUBMITTAL**	**12/15/2020**
A12.03	ARCHITECTURAL SPECIFICATIONS	**100% SUBMITTAL**	**12/15/2020**
A12.04	ARCHITECTURAL SPECIFICATIONS	**100% SUBMITTAL**	**12/15/2020**
A12.05	ARCHITECTURAL SPECIFICATIONS	**100% SUBMITTAL**	**12/15/2020**
A12.06	ARCHITECTURAL SPECIFICATIONS	**100% SUBMITTAL**	**12/15/2020**
A12.07	ARCHITECTURAL SPECIFICATIONS	100% SUBMITTAL	12/15/2020

DRAWING INDEX

STRUCTURAL

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
S-0.0	GENERAL NOTES	100% SUBMITTAL	12/15/2020
S-0.1	FRAMING SCHEDULE & MASONRY DETAILS	100% SUBMITTAL	12/15/2020
S-0.2	SHEAR WALL ELEVATION & NOTES	100% SUBMITTAL	12/15/2020
S-1.0	FOUNDATION PLAN	100% SUBMITTAL	12/15/2020
S-1.1	SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
S-1.2	THIRD & FOURTH FLOOR FRAMING PLAN	100% SUBMITTAL	12/15/2020
S-1.3	ROOF FRAMING PLAN	100% SUBMITTAL	12/15/2020
S-2.0	1ST FLOOR SHEAR WALL PLAN	100% SUBMITTAL	12/15/2020
S-2.1	2ND FLOOR SHEAR WALL PLAN	100% SUBMITTAL	12/15/2020
S-2.2	3RD & 4TH FLOOR SHEAR WALL PLAN	100% SUBMITTAL	12/15/2020
S-3.0	FOUNDATION SECTION & DETAILS	100% SUBMITTAL	12/15/2020
S-3.1	FOUNDATION SECTION & DETAILS	100% SUBMITTAL	12/15/2020
S-4.0	FRAMING SECTION & DETAILS	100% SUBMITTAL	12/15/2020
S-4.1	FRAMING SECTION & DETAILS	100% SUBMITTAL	12/15/2020
S-4.2	FRAMING SECTION & DETAILS	100% SUBMITTAL	12/15/2020
S-4.3	FRAMING SECTION & DETAILS	100% SUBMITTAL	12/15/2020

MECHANICAL

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
M1.01	MECHANICAL SCHEDULES & NOTES	100% SUBMITTAL	12/15/2020
M1.02	MECHANICAL SCHEDULES & NOTES	100% SUBMITTAL	12/15/2020
M1.03	MECHANICAL VENTILATION	100% SUBMITTAL	12/15/2020
M2.01	MECHANICAL FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
M2.02	MECHANICAL SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
M2.03	MECHANICAL THIRD FLOOR PLAN	100% SUBMITTAL	12/15/2020
M2.04	MECHANICAL FOURTH FLOOR PLAN	100% SUBMITTAL	12/15/2020
M2.05	MECHANICAL ROOF PLAN	100% SUBMITTAL	12/15/2020
M2.06	MECHANICAL ENLARGED PLAN	100% SUBMITTAL	12/15/2020
M4.01	MECHANICAL DETAILS	100% SUBMITTAL	12/15/2020
M4.02	MECHANICAL DETAILS	100% SUBMITTAL	12/15/2020
M4.03	MECHANICAL RISERS	100% SUBMITTAL	12/15/2020
M4.04	MECHANICAL RISERS	100% SUBMITTAL	12/15/2020

ELECTRICAL

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
E0.01	ELECTRICAL NOTES AND LEGEND	100% SUBMITTAL	12/15/2020
E1.01	ELECTRICAL LIGHT FIXTURE SCHEDULE	100% SUBMITTAL	12/15/2020
E1.02	ELECTRICAL FIRE ALARM RISER & DETAILS	100% SUBMITTAL	12/15/2020
E1.03	ELECTRICAL LOW VOLTAGE RISER	100% SUBMITTAL	12/15/2020
E2.00	ELECTRICAL SITE PLAN	100% SUBMITTAL	12/15/2020
E2.01	FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
E2.02	SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
E2.03	THIRD FLOOR PLAN	100% SUBMITTAL	12/15/2020
E2.04	FOURTH FLOOR PLAN	100% SUBMITTAL	12/15/2020
E2.05	ROOF PLAN	100% SUBMITTAL	12/15/2020
E2.06	ENLARGED FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
E2.07	ENLARGED FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
E2.08	ENLARGED POOL AREA PLAN	100% SUBMITTAL	12/15/2020
E2.09	ENLARGED FIRST FLOOR PLAN FOOD SERVICE	100% SUBMITTAL	12/15/2020
E3.01	LIGHTING FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
E3.02	LIGHTING SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
E3.03	LIGHTING THIRD FLOOR PLAN	100% SUBMITTAL	12/15/2020
E3.04	LIGHTING FOURTH FLOOR PLAN	100% SUBMITTAL	12/15/2020
E4.01	ENLARGED GUEST ROOM PLANS	100% SUBMITTAL	12/15/2020
E5.01	RISER DIAGRAM	100% SUBMITTAL	12/15/2020
E5.02	PANEL SCHEDULES	100% SUBMITTAL	12/15/2020
E5.03	PANEL SCHEDULES	100% SUBMITTAL	12/15/2020
E5.04	PANEL SCHEDULES	100% SUBMITTAL	12/15/2020
E5.05	PANEL SCHEDULES	100% SUBMITTAL	12/15/2020
E5.06	PANEL SCHEDULES	100% SUBMITTAL	12/15/2020
E5.07	PANEL SCHEDULES	100% SUBMITTAL	12/15/2020

PLUMBING

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
P0.01	PLUMBING LEGEND, SCHEDULES & NOTES	100% SUBMITTAL	12/15/2020
P0.02	PLUMBING SCHEDULES & DETAILS	100% SUBMITTAL	12/15/2020
P0.03	PLUMBING DETAILS	100% SUBMITTAL	12/15/2020
P0.04	PLUMBING DETAILS	100% SUBMITTAL	12/15/2020
P0.05	PLUMBING DETAILS	100% SUBMITTAL	12/15/2020
P1.01	WATER FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
P1.02	WATER SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
P1.03	WATER THIRD FLOOR PLAN	100% SUBMITTAL	12/15/2020
P1.04	WATER FOURTH FLOOR PLAN	100% SUBMITTAL	12/15/2020
P2.01	PLUMBING DRAINAGE - FIRST FLOOR PLAN	100% SUBMITTAL	12/15/2020
P2.02	PLUMBING DRAINAGE - SECOND FLOOR PLAN	100% SUBMITTAL	12/15/2020
P2.03	PLUMBING DRAINAGE - THIRD FLOOR PLAN	100% SUBMITTAL	12/15/2020
P2.04	PLUMBING DRAINAGE - FOURTH FLOOR PLAN	100% SUBMITTAL	12/15/2020
P2.05	PLUMBING ROOF PLAN	100% SUBMITTAL	12/15/2020
P3.01	FIRST FLOOR PLAN - GAS	100% SUBMITTAL	12/15/2020
P3.02	SECOND FLOOR PLAN - GAS	100% SUBMITTAL	12/15/2020
P3.03	THIRD FLOOR PLAN - GAS	100% SUBMITTAL	12/15/2020
P3.04	FOURTH FLOOR PLAN - GAS	100% SUBMITTAL	12/15/2020
P3.05	ROOF PLAN - GAS	100% SUBMITTAL	12/15/2020
P4.01	WATER ENLARGED PLANS	100% SUBMITTAL	12/15/2020
P4.02	WATER ENLARGED PLANS	100% SUBMITTAL	12/15/2020
P5.01	SANITARY ENLARGED PLANS	100% SUBMITTAL	12/15/2020
P5.02	SANITARY ENLARGED PLANS	100% SUBMITTAL	12/15/2020
P6.01	DOMESTIC WATER RISERS	100% SUBMITTAL	12/15/2020
P6.02	DOMESTIC WATER RISERS	100% SUBMITTAL	12/15/2020
P7.01	SANITARY RISERS	100% SUBMITTAL	12/15/2020
P7.02	SANITARY RISERS	100% SUBMITTAL	09/30/2020

FIRE PROTECTION

SHEET #	SHEET NAME	LATEST REVISION	LATEST REVISION DATE
FP0.01	NOTES & DETAILS - FIRE PROTECTION	100% SUBMITTAL	09/30/2020
FP2.01	FIRE PROTECTION - FIRST FLOOR PLAN	100% SUBMITTAL	09/30/2020
FP2.02	FIRE PROTECTION - SECOND FLOOR PLAN	100% SUBMITTAL	09/30/2020
FP2.03	FIRE PROTECTION - THIRD FLOOR PLAN	100% SUBMITTAL	09/30/2020
FP2.04	FIRE PROTECTION - FOURTH FLOOR PLAN	100% SUBMITTAL	09/30/2020
FP2.05	FIRE PROTECTION - ROOF PLAN	100% SUBMITTAL	09/30/2020

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLAN - QUEEN ONE BEDROOM ACCESSIBLE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A0.00a

CHAPTER 3: BUILDING BLOCKS

302 Floor or Ground Surfaces

302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture.

Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed exposed edge. Carpet edge trim shall comply with 303.

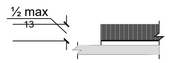


Figure 302.2 Carpet Pile Height

302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

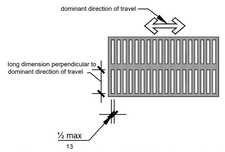


Figure 302.3 Elongated Openings in Floor or Ground Surfaces

303.2 Vertical. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical.

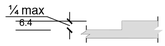


Figure 303.2 Vertical Change in Level

303.3 Beveled. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

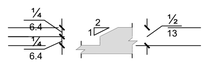


Figure 303.3 Beveled Change in Level

304 Turning Space

304.3.1 Circular Space. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-Shaped Space. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.

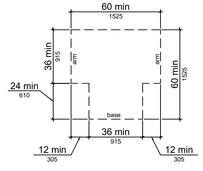


Figure 304.3.2 T-Shaped Turning Space

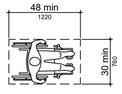


Figure 305.3 Clear Floor or Ground Space

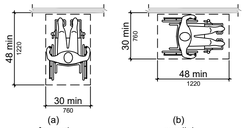


Figure 305.5 Position of Clear Floor or Ground Space

305.7.1 Forward Approach. Alcoves shall be 36 inches (915 mm)wide minimum where the depth exceeds 24 inches (610 mm).

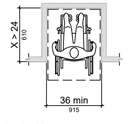


Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

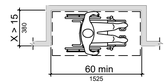


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

306 Knee and Toe Clearance

306.2 Toe Clearance.

306.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2.

306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.

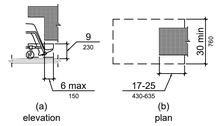


Figure 306.2 Toe Clearance

306.3 Knee Clearance.

306.3.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

306.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum under an element at 9 inches (230 mm) above the finish floor or ground.

306.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

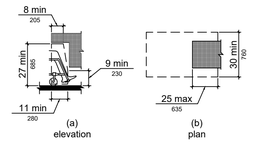


Figure 306.3 Knee Clearance

307 Protruding Objects

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

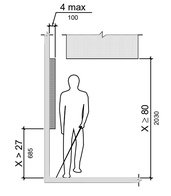


Figure 307.2 Limits of Protruding Objects

307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

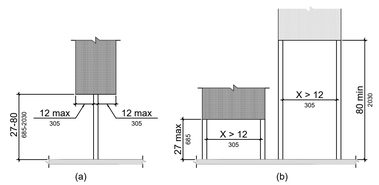


Figure 307.3 Post-Mounted Protruding Objects

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

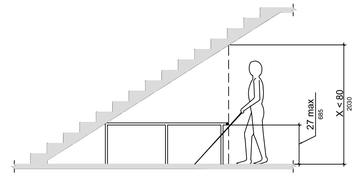


Figure 307.4 Vertical Clearance

308 Reach Ranges

Children's Reach Ranges

Forward or Side Reach	High (maximum)	Low (minimum)
Ages 3 and 4	36 in (915 mm)	20 in (510 mm)
Ages 5 through 8	40 in (1015 mm)	18 in (455 mm)
Ages 9 through 12	44 in (1120 mm)	16 in (405 mm)

308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

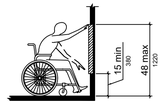


Figure 308.2.2 Obstructed High Forward Reach

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

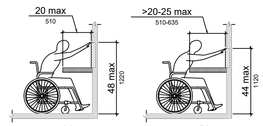
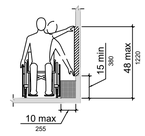


Figure 308.3.1 Unobstructed Side Reach

308.3 Side Reach.

308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.



308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.

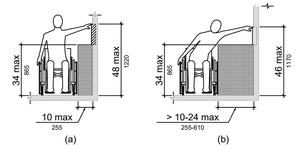


Figure 308.3.2 Obstructed High Side Reach

309 Operable Parts

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.

309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.

309.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

CHAPTER 4: ACCESSIBLE ROUTES

402.2 Components. Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable requirements of Chapter 4.

Advisory 402.2 Components. Walking surfaces must have running slopes not steeper than 1:20, see 403.3. Other components of accessible routes, such as ramps (405) and curb ramps (406), are permitted to be more steeply sloped.

403 Walking Surfaces

403.1 General. Walking surfaces that are a part of an accessible route shall comply with 403.

403.2 Floor or Ground Surface. Floor or ground surfaces shall comply with 302.

403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

403.4 Changes in Level. Changes in level shall comply with 303.

403.5 Clearances. Walking surfaces shall provide clearances complying with 403.5.

EXCEPTION: Within employee work areas, clearances on common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

403.5.1 Clear Width. Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

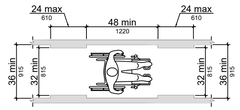


Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 Clear Width at Turn. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum leaving the turn.

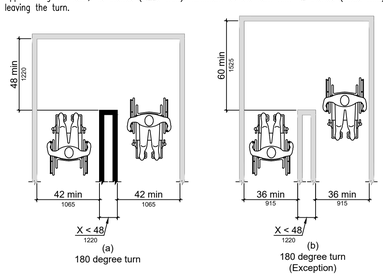


Figure 403.5.2 Clear Width at Turn

403.5.3 Passing Spaces. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum.

404 Doors, Doorways, and Gates

404.2.3 Clear Width. Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

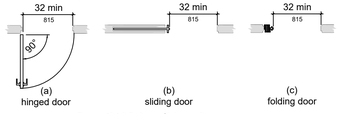


Figure 404.2.3 Clear Width of Doorways

404.2.4 Maneuvering Clearances. Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance.

404.2.4.3 Recessed Doors and Gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

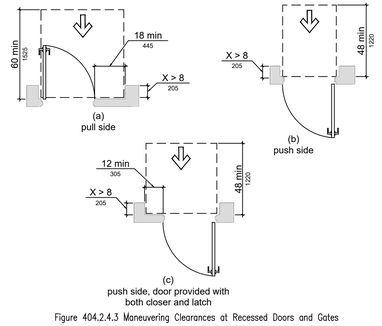


Figure 404.2.4.3 Maneuvering Clearances at Recessed Doors and Gates

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 'OM DESIGN SOLUTIONS - DESIGN CONSULTANTS' AND RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

ADA-1

404.2.6 Doors in Series and Gates in Series. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

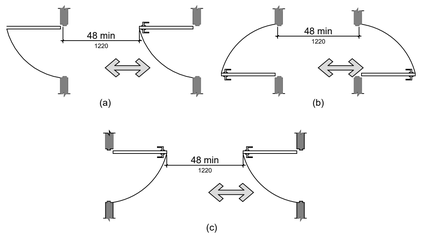


Figure 404.2.6 Doors in Series and Gates in Series

404.2.7 Door and Gate Hardware. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

404.2.8.1 Door Closers and Gate Closers. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

404.2.8.2 Spring Hinges. Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

404.2.9 Door and Gate Opening Force. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum.

2. Sliding or folding doors: 5 pounds (22.2 N) maximum.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

404.2.10 Door and Gate Surfaces. Swinging door and gate surfaces within 10 inches (255 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

404.2.11 Vision Lights. Doors, gates, and side lights adjacent to doors or gates, containing one or more glazing panels that permit viewing through the panels shall have the bottom of at least one glazed panel located 43 inches (1090 mm) maximum above the finish floor.

404.3 Automatic and Power-Assisted Doors and Gates. Automatic doors and automatic gates shall comply with 404.3. Full-powered automatic doors shall comply with ANSI/BHMA A156.10 (incorporated by reference, see "Referenced Standards" in Chapter 1). Low-energy and power-assisted doors shall comply with ANSI/BHMA A156.19 (1997 or CURRENT edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

404.3.2 Maneuvering Clearance. Clearances at power-assisted doors and gates shall comply with 404.2.4. Clearances at automatic doors and gates without standby power and serving an accessible means of egress shall comply with 404.2.4.

404.3.7 Revolving Doors, Revolving Gates, and Turnstiles. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

405 Ramps

405.2 Slope. Ramp runs shall have a running slope not steeper than 1:12.

405.3 Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.

405.5 Clear Width. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches (915 mm) minimum.

405.6 Rise. The rise for any ramp run shall be 30 inches (760 mm) maximum.

405.7 Landings. Ramps shall have landings at the top and the bottom of each ramp run. Landings shall comply with 405.7.

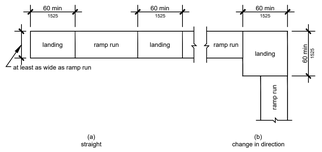


Figure 405.7 Ramp Landings

405.7.1 Slope. Landings shall have slope no steeper than 1:48. Changes in level are not permitted.

405.7.2 Width. The landing clear width shall be at least as wide as the widest ramp run leading to the landing.

405.7.3 Length. The landing clear length shall be 60 inches (1525 mm) long minimum.

405.7.4 Change in Direction. Ramps that change direction between runs at landings shall have a clear landing 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum.

405.7.5 Doorways. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 404.2.4 and 404.3.2 shall be permitted to overlap the required landing

405.8 Handrails. Ramp runs with a rise greater than 6 inches (150 mm) shall have handrails complying with 505.

405.9 Edge Protection. Edge protection complying with 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings.

405.9.1 Extended Floor or Ground Surface. The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) minimum beyond the inside face of a handrail complying with 505.

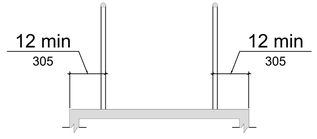


Figure 405.9.1 Extended Floor or Ground Surface Edge Protection

405.9.2 Curb or Barrier. A curb or barrier shall be provided that prevents the passage of a 4 inch (100 mm) diameter sphere, where any portion of the sphere is within 4 inches (100 mm) of the finish floor or ground surface.

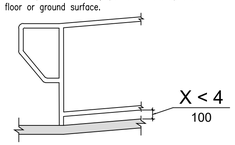


Figure 405.9.2 Curb or Barrier Edge Protection

406 Curb Ramps

406.1 General. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and 405.10.

406.2 Counter Slope. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.



Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps

406.3 Sides of Curb Ramps. Where provided, curb ramp flares shall not be steeper than 1:10.

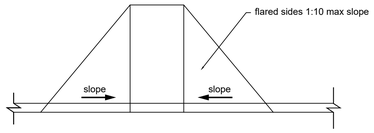


Figure 406.3 Sides of Curb Ramps

406.4 Landings. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.

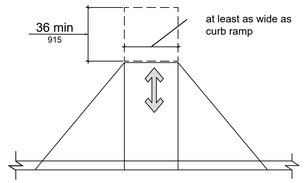


Figure 406.4 Landings at the Top of Curb Ramps

406.5 Location. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.

406.6 Diagonal Curb Ramps. Diagonal or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have a clear space 48 inches (1220 mm) minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) long minimum located on each side of the curb ramp and within the marked crossing.

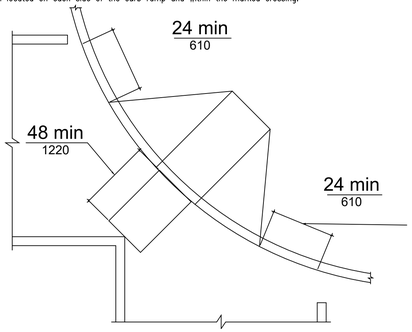


Figure 406.6 Diagonal or Corner Type Curb Ramps

406.7 Islands. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. Each curb ramp shall have a level area 48 inches (1220 mm) long minimum by 36 inches (915 mm) wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum area shall be oriented so that the 48 inch (1220 mm) minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum areas and the accessible route shall be permitted to overlap.

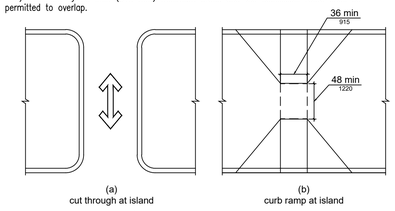


Figure 406.7 Islands in Crossings

407 Elevators

407.1 General. Elevators shall comply with 407 and with ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

EXCEPTION: Existing conditions don't have to comply

407.2.1.2 Size. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension.

407.2.2.1 Visible and Audible Signals. A visible and audible signal shall be provided at each hoistway entrance to indicate which car is answering a call and the car's direction of travel. Where in-car signals are provided, they shall be visible from the floor area adjacent to the hall call buttons.

407.2.2.2 Visible Signals. Visible signal fixtures shall be centered at 72 inches (1830 mm) minimum above the finish floor or ground. The visible signal elements shall be 2 1/2 inches (64 mm) minimum measured along the vertical centerline of the element. Signals shall be visible from the floor area adjacent to the hall call button.

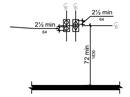


Figure 407.2.2.2 Visible Hall Signals

407.2.3.1 Floor Designation. Floor designations complying with 703.2 and 703.4.1 shall be provided on both jambs of elevator hoistway entrances. Floor designations shall be provided in both tactile characters and braille. Tactile characters shall be 2 inches (51 mm) high minimum. A tactile star shall be provided on both jambs at the main entry level.

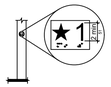


Figure 407.2.3.1 Floor Designations on Jambs of Elevator Hoistway Entrances

407.2.3.2 Car Designations. Destination-oriented elevators shall provide tactile car identification complying with 703.2 on both jambs of the hoistway immediately below the floor designation. Car designations shall be provided in both tactile characters and braille. Tactile characters shall be 2 inches (51 mm) high minimum.

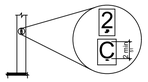


Figure 407.2.3.2 Car Designations on Jambs of Destination-Oriented Elevator Hoistway Entrances

407.3.3.1 Height. The device shall be activated by sensing an obstruction passing through the opening at 5 inches (125 mm) nominal and 29 inches (735 mm) nominal above the finish floor.

407.3.3.3 Duration. Door reopening devices shall remain effective for 20 seconds minimum.

407.3.4 Door and Signal Timing. The minimum acceptable time from notification that a car is answering a call or notification of the car assigned at the means for the entry of destination information until the doors of that car start to close shall be calculated from the following equation:

T = D/(1.5 ft/s) or T = D/(455 mm/s) = 5 seconds minimum where T equals the total time in seconds and D equals the distance (in feet or millimeters) from the point in the lobby or corridor 60 inches (1525 mm) directly in front of the farthest call button controlling that car to the centerline of its hoistway door.

407.3.5 Door Delay. Elevator doors shall remain fully open in response to a car call for 3 seconds

407.3.6 Width. The width of elevator doors shall comply with Table 407.4.1.

407.4 Elevator Car Requirements. Elevator cars shall comply with 407.4.

407.4.1 Car Dimensions. Inside dimensions of elevator cars and clear width of elevator doors shall comply with Table 407.4.1.

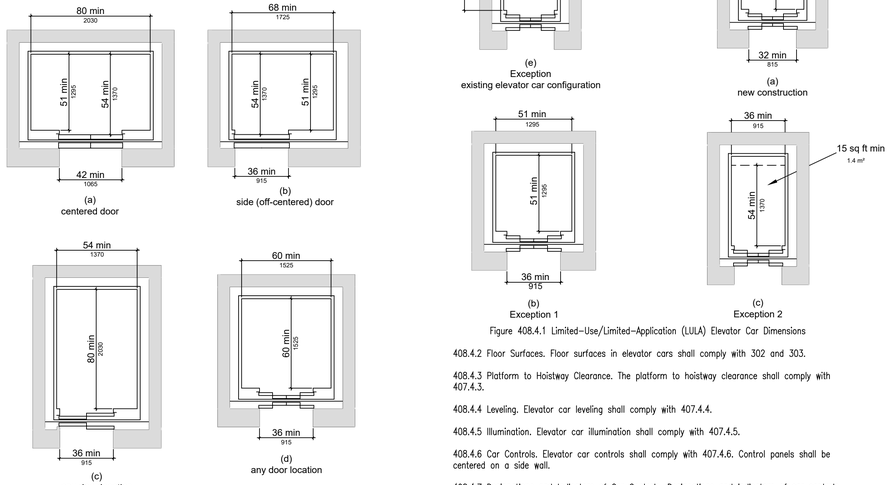


Figure 407.4.1 Elevator Car Dimensions

407.4.3 Platform to Hoistway Clearance. The clearance between the car platform sill and the edge of any hoistway landing shall be 1 1/4 inch (32 mm) maximum.

407.4.4 Leveling. Each car shall be equipped with a self-leveling feature that will automatically bring and maintain the car at floor landings within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

407.4.5 Illumination. The level of illumination at the car controls, platform, car threshold and car landing sill shall be 5 foot candles (54 lux) minimum.

407.4.6 Elevator Car Controls. Where provided, elevator car controls shall comply with 407.4.6 and 309.4.

407.4.6.1 Location. Controls shall be located within one of the reach ranges specified in 308.

407.4.6.2 Buttons. Car control buttons with floor designations shall comply with 407.4.6.2 and shall be raised or flush.

407.4.6.2.1 Size. Buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

407.4.6.4.1 Height. Emergency control buttons shall have their centerlines 35 inches (890 mm) minimum above the finish floor.

407.4.7.1.1 Type. Control buttons shall be identified by tactile characters complying with 703.2.

407.4.7.1.3 Symbols. The control button for the emergency stop, alarm, door open, door close, main entry floor, and phone, shall be identified with tactile symbols as shown in Table 407.4.7.1.3.

407.4.8.1.1 Size. Characters shall be 1/2 inch (13 mm) high minimum.

407.4.8.2.2 Signal Level. The verbal annunciator shall be 10 dB minimum above ambient, but shall not exceed 80 dB, measured at the annunciator.

407.4.8.2.3 Frequency. The verbal annunciator shall have a frequency of 300 Hz minimum to 3000 Hz maximum.

408 Limited-Use/Limited-Application Elevators

408.1 General. Limited-use/limited-application elevators shall comply with 408 and with ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

408.2 Elevator Landings. Landings serving limited-use/limited-application elevators shall comply with 408.2.

408.2.1 Call Buttons. Elevator call buttons and keypads shall comply with 407.2.1.

408.2.2 Hall Signals. Hall signals shall comply with 407.2.2.

408.2.3 Hoistway Signs. Signs at elevator hoistways shall comply with 407.2.3.1.

408.3 Elevator Doors. Elevator hoistway doors shall comply with 408.3.

408.3.1 Sliding Doors. Sliding hoistway and car doors shall comply with 407.3.1 through 407.3.3 and 408.4.1.

408.3.2 Swinging Doors. Swinging hoistway doors shall open and close automatically and shall comply with 404, 407.3.2 and 408.3.2.

408.3.2.1 Power Operation. Swinging doors shall be power-operated and shall comply with ANSI/BHMA A156.19 (1997 or CURRENT edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

408.3.2.2 Duration. Power-operated swinging doors shall remain open for 20 seconds minimum when activated.

408.4 Elevator Cars. Elevator cars shall comply with 408.4.

408.4.1 Car Dimensions and Doors. Elevator cars shall provide a clear width 42 inches (1065 mm) minimum and a clear depth 54 inches (1370 mm) minimum. Car doors shall be positioned at the narrow ends of cars and shall provide 32 inches (815 mm) minimum clear width.

Figure 408.4.1 Limited-Use/Limited-Application (LULA) Elevator Car Dimensions

408.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

408.4.3 Platform to Hoistway Clearance. The platform to hoistway clearance shall comply with 407.4.3.

408.4.4 Leveling. Elevator car leveling shall comply with 407.4.4.

408.4.5 Illumination. Elevator car illumination shall comply with 407.4.5.

408.4.6 Car Controls. Elevator car controls shall comply with 407.4.6. Control panels shall be centered on a side wall.

408.4.7 Designations and Indicators of Car Controls. Designations and indicators of car controls shall comply with 407.4.7.

408.4.8 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409 Private Residence Elevators

409.1 General. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 409 and with ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE-C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
ADA-2

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or CURRENT edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

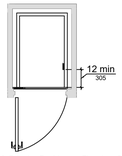


Figure 409.4.6.2 Location of Private Residence Elevator Control Panel

409.4.7.
409.4.7 Emergency Communications. Emergency two-way communication systems shall comply with

409.4.7.1 Type. A telephone and emergency signal device shall be provided in the car.

409.4.7.2 Operable Parts. The telephone and emergency signaling device shall comply with 309.3 and 309.4.

409.4.7.3 Compartment. If the telephone or device is in a closed compartment, the compartment door hardware shall comply with 309.

409.4.7.4 Cord. The telephone cord shall be 29 inches (735 mm) long minimum.

410 Platform Lifts
410.1 General. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift.

Advisory 410.1 General. Inclined stairway chairlifts and inclined and vertical platform lifts are available for short-distance vertical transportation. Because an accessible route requires an 80 inch (2030 mm) vertical clearance, care should be taken in selecting lifts as they may not be equally suitable for use by people using wheelchairs and people standing. If a lift does not provide 80 inch (2030 mm) vertical clearance, it cannot be considered part of an accessible route in new construction.

The ADA and other Federal civil rights laws require that accessible features be maintained in working order so that they are accessible to and usable by those people they are intended to benefit. Building owners are reminded that the ASME A18 Safety Standard for Platform Lifts and Stairway Chairlifts requires routine maintenance and inspections. Isolated or temporary interruptions in service due to maintenance or repairs may be unavoidable; however, failure to take prompt action to effect repairs could constitute a violation of Federal laws and these requirements.

410.2 Floor Surfaces. Floor surfaces in platform lifts shall comply with 302 and 303.

410.3 Clear Floor Space. Clear floor space in platform lifts shall comply with 305.

410.4 Platform to Runway Clearance. The clearance between the platform sill and the edge of any runway landing shall be 1 inch (32 mm) maximum.

410.5 Operable Parts. Controls for platform lifts shall comply with 309.

410.6 Doors and Gates. Platform lifts shall have low-energy power-operated doors or gates complying with 404.3. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32 inches (815 mm) minimum. Side doors and gates shall provide a clear width 42 inches (1065 mm) minimum.

EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.

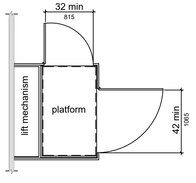


Figure 410.6 Platform Lift Doors and Gates

501 General
501.1 Scope. The provisions of Chapter 5 shall apply where required by Chapter 2 or where referenced by a requirement in this document.

502 Parking Spaces
502.1 General. Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.

EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.

502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.

EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.

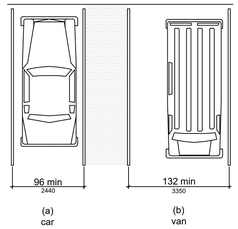


Figure 502.2 Vehicle Parking Spaces

502.3 Access Aisle. Access aisles serving parking spaces shall comply with 502.3. Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle.

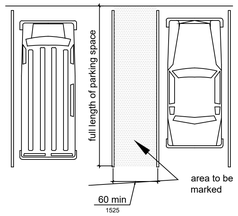


Figure 502.3 Parking Space Access Aisle

502.3.1 Width. Access aisles serving car and van parking spaces shall be 60 inches (1525 mm) wide minimum.

502.3.2 Length. Access aisles shall extend the full length of the parking spaces they serve.

502.3.3 Marking. Access aisles shall be marked so as to discourage parking in them.

502.3.4 Location. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces.
502.4 Floor or Ground Surfaces. Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

502.5 Vertical Clearance. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2490 mm) minimum.

502.6 Identification. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.
502.7 Relationship to Accessible Routes. Parking spaces and access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes.

503 Passenger Loading Zones

503.2 Vehicle Pull-Up Space. Passenger loading zones shall provide a vehicular pull-up space 96 inches (2440 mm) wide minimum and 20 feet (6100 mm) long minimum.

503.3 Access Aisle. Passenger loading zones shall provide access aisles complying with 503 adjacent to the vehicle pull-up space. Access aisles shall adjoin an accessible route and shall not overlap the vehicular way.

503.3.1 Width. Access aisles serving vehicle pull-up spaces shall be 60 inches (1525 mm) wide minimum.

503.3.2 Length. Access aisles shall extend the full length of the vehicle pull-up spaces they serve.

503.3.3 Marking. Access aisles shall be marked so as to discourage parking in them.

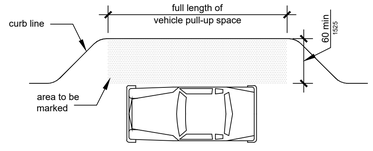


Figure 503.3 Passenger Loading Zone Access Aisle

503.4 Floor and Ground Surfaces. Vehicle pull-up spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

503.5 Vertical Clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide a vertical clearance of 114 inches (2895 mm) minimum.

504 Stairways
504.1 General. Stairs that are part of the means of egress is required to comply with 504

504.2 Treads and Risers. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches (100 mm) high minimum and 7 inches (180 mm) high maximum. Treads shall be 11 inches (280 mm) deep minimum.

504.3 Open Risers. Open risers are not permitted.

504.4 Tread Surface. Stair treads shall comply with 302. Changes in level are not permitted.

504.5 Nosings. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches (38 mm) maximum over the tread below.

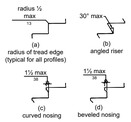


Figure 504.5 Stair Nosings

504.6 Handrails. Stairs shall have handrails complying with 505.

504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.

505 Handrails
505.1 General. Handrails provided along walking surfaces complying with 403, required at ramps complying with 405, and required at stairs complying with 504 shall comply with 505.

Advisory 505.1 General. Handrails are required on ramp runs with a rise greater than 6 inches (150 mm) (see 405.8) and on certain stairways (see 504). Handrails are not required on walking surfaces with running slopes less than 1:20. However, handrails are required to comply with 505 when they are provided on walking surfaces with running slopes less than 1:20 (see 403.6). Sections 505.2, 505.3, and 505.10 do not apply to handrails provided on walking surfaces with running slopes less than 1:20 as these sections only reference requirements for ramps and stairs.

505.2 Where Required. Handrails shall be provided on both sides of stairs and ramps.

505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs.

505.4 Height. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

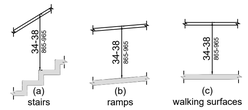


Figure 505.4 Handrail Height

505.5 Clearance. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches (38 mm) minimum.



Figure 505.5 Handrail Clearance

Figure 505.6 Horizontal Projections Below Gripping Surface

505.6 Gripping Surface. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1 1/2 inches (38 mm) minimum below the bottom of the handrail gripping surface.

505.7.1 Circular Cross Section. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 Non-Circular Cross Sections. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.

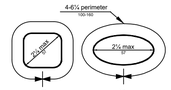


Figure 505.7.2 Handrail Non-Circular Cross Section

505.8 Surfaces. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges.

505.9 Fittings. Handrails shall not rotate within their fittings.

505.10 Handrail Extensions. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs in accordance with 505.10.

505.10.1 Top and Bottom Extension at Ramps. Ramp handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run.

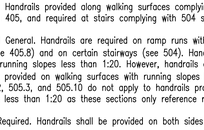


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 Top Extension at Stairs. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

Figure 505.10.2 Top Handrail Extension at Stairs

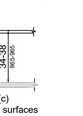


Figure 505.10.3 Bottom Handrail Extension at Stairs

505.10.3 Bottom Extension at Stairs. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES
602 Drinking Fountains
602.2 Clear Floor Space. Units shall have a clear floor or ground space complying with 305 positioned for a forward approach and centered on the unit. Knee and toe clearance complying with 306 shall be provided.
EXCEPTION: A parallel approach complying with 305 shall be permitted at units for children's use where the spout is 30 inches (760 mm) maximum above the finish floor or ground and is 3 1/2 inches (90 mm) maximum from the front edge of the unit, including bumpers.

602.3 Operable Parts. Operable parts shall comply with 309.

602.4 Spout Height. Spout outlets shall be 36 inches (915 mm) maximum above the finish floor or ground.

602.5 Spout Location. The spout shall be located 15 inches (380 mm) minimum from the vertical support and 5 inches (125 mm) maximum from the front edge of the unit, including bumpers.

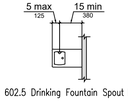


Figure 602.5 Drinking Fountain Spout Location

602.6 Water Flow. The spout shall provide a flow of water 4 inches (100 mm) high minimum and shall be located 5 inches (125 mm) maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.

602.7 Drinking Fountains for Standing Persons. Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the finish floor or ground.

603 Toilet and Bathing Rooms

603.2 Clearances. Clearances shall comply with 603.2.
603.2.1 Turning Space. Turning space complying with 304 shall be provided within the room.
603.2.2 Overlap. Required clear floor spaces, clearance at fixtures, and turning space shall be permitted to overlap.

603.2.3 Door Swing. Doors shall not swing into the clear floor space or clearance required for any fixture. Doors shall be permitted to swing into the required turning space.

603.3 Mirrors. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the finish floor or ground.

603.4 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604 Water Closets and Toilet Compartments
604.2 Location. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left-hand or right-hand approach.

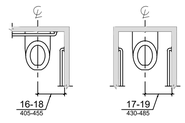


Figure 604.2 Water Closet Location

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.

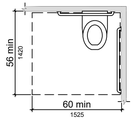


Figure 604.3.1 Size of Clearance at Water Closets

604.3.2 Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance.
604.4 Seats. The seat height of a water closet above the finish floor shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.5 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

604.5.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

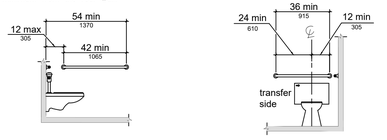


Figure 604.5.1 Side Wall Grab Bar at Water Closets

604.5.2 Rear Wall. The rear wall grab bar shall be 36 inches (915 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

604.6 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

604.7 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

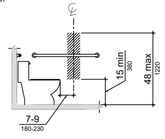


Figure 604.7 Dispenser Outlet Location

604.8 Toilet Compartments. Wheelchair accessible toilet compartments shall meet the requirements of 604.8.1 and 604.8.3. Compartments containing more than one plumbing fixture shall comply with 603. Ambulatory accessible compartments shall comply with 604.8.2 and 604.8.3.

604.8.1 Wheelchair Accessible Compartments. Wheelchair accessible compartments shall comply with 604.8.1.

604.8.1.1 Size. Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 'OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
ADA-3

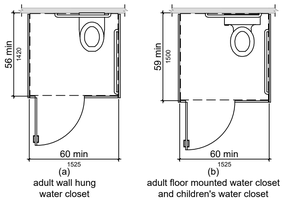


Figure 604.8.1.1 Size of Wheelchair Accessible Toilet Compartment

604.8.1.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

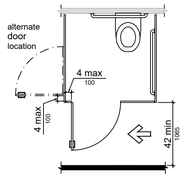


Figure 604.8.1.2 Wheelchair Accessible Toilet Compartment Doors

604.8.1.3 Approach. Compartments shall be arranged for left-hand or right-hand approach to the water closet.

604.8.1.4 Toe Clearance. The front partition and at least one side partition shall provide a toe clearance of 9 inches (230 mm) minimum above the finish floor and 6 inches (150 mm) deep minimum beyond the compartment-side face of the partition, exclusive of partition support members. Compartments for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the finish floor.

EXCEPTION: Toe clearance at the front partition is not required in a compartment greater than 62 inches (1575 mm) deep with a wall-hung water closet or 65 inches (1650 mm) deep with a floor-mounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches (1675 mm) wide. Toe clearance at the front partition is not required in a compartment for children's use that is greater than 65 inches (1650 mm)deep

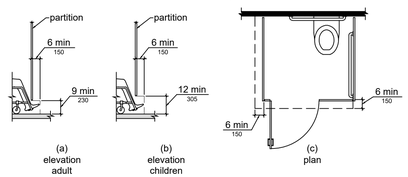


Figure 604.8.1.4 Wheelchair Accessible Toilet Compartment Toe Clearance

604.8.1.5 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided and shall be located on the wall closest to the water closet. In addition, a rear-wall grab bar complying with 604.5.2 shall be provided.

604.8.2 Ambulatory Accessible Compartments. Ambulatory accessible compartments shall comply with 604.8.2.

604.8.2.1 Size. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

604.8.2.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

604.8.2.3 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided on both sides of the compartment.

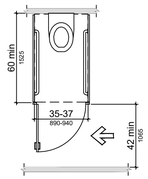


Figure 604.8.2 Ambulatory Accessible Toilet Compartment

604.8.3 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604.9 Water Closets and Toilet Compartments for Children's Use. Water closets and toilet compartments for children's use shall comply with 604.9.

604.9.1 Location. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 12 inches (305 mm) minimum and 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Compartments shall be arranged for left-hand or right-hand approach to the water closet.

604.9.2 Clearance. Clearance around a water closet shall comply with 604.3.

604.9.3 Height. The height of water closets shall be 11 inches (280 mm) minimum and 17 inches (430 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.9.4 Grab Bars. Grab bars for water closets shall comply with 604.5.

604.9.5 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.2 and 309.4 and shall be installed 36 inches (915 mm) maximum above the finish floor. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

604.9.6 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 14 inches (355 mm) minimum and 19 inches (485 mm) maximum above the finish floor. There shall be a clearance of 1 1/2 inches (38 mm) minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

604.9.7 Toilet Compartments. Toilet compartments shall comply with 604.8.

605 Urinals

605.2 Height and Depth. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

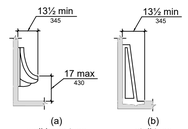


Figure 605.2 Height and Depth of Urinals

605.3 Clear Floor Space. A clear floor or ground space complying with 305 positioned for forward approach shall be provided.

605.4 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.

606 Lavatories and Sinks

606.2 Clear Floor Space. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.

606.3 Height. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground.

606.4 Faucets. Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.

606.5 Exposed Pipes and Surfaces. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.

607 Bathtubs

607.2 Clearance. Clearance in front of bathtubs shall extend the length of the bathtub and shall be 30 inches (760 mm) wide minimum. A lavatory complying with 606 shall be permitted at the control end of the clearance. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub.

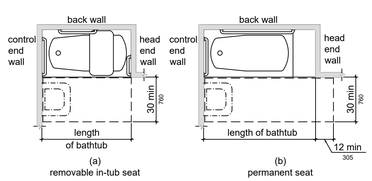


Figure 607.2 Clearance for Bathtubs

607.3 Seat. A permanent seat at the head end of the bathtub or a removable in-tub seat shall be provided. Seats shall comply with 610.

607.4 Grab Bars. Grab bars for bathtubs shall comply with 609 and shall be provided in accordance with 607.4.1 or 607.4.2.

607.4.1 Bathtubs With Permanent Seats. For bathtubs with permanent seats, grab bars shall be provided in accordance with 607.4.1.

607.4.1.1 Back Wall. Two grab bars shall be installed on the back wall, one located in accordance with 609.4 and the other located 8 inches (205 mm) minimum and 10 inches (255 mm) maximum above the rim of the bathtub. Each grab bar shall be installed 15 inches (380 mm) maximum from the head end wall and 12 inches (305 mm) maximum from the control end wall.

607.4.1.2 Control End Wall. A grab bar 24 inches (610 mm) long minimum shall be installed on the control end wall at the front edge of the bathtub.

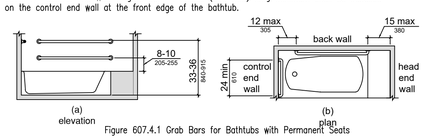


Figure 607.4.1 Grab Bars for Bathtubs with Permanent Seats

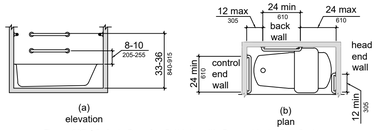


Figure 607.4.2 Grab Bars for Bathtubs with Removable In-Tub Seats

607.4.2 Bathtubs Without Permanent Seats. For bathtubs without permanent seats, grab bars shall comply with 607.4.2.

607.4.2.1 Back Wall. Two grab bars shall be installed on the back wall, one located in accordance with 609.4 and other located 8 inches (205 mm) minimum and 10 inches (255 mm) maximum above the rim of the bathtub. Each grab bar shall be 24 inches (610 mm) long minimum and shall be installed 24 inches (610 mm) maximum from the head end wall and 12 inches (305 mm) maximum from the control end wall.

607.4.2.2 Control End Wall. A grab bar 24 inches (610 mm) long minimum shall be installed on the control end wall at the front edge of the bathtub.

607.4.2.3 Head End Wall. A grab bar 12 inches (305 mm) long minimum shall be installed on the head end wall at the front edge of the bathtub.

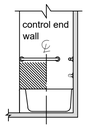


Figure 607.5 Bathtub Control Location

607.5 Controls. Controls, other than drain stoppers, shall be located on an end wall. Controls shall be between the bathtub rim and grab bar, and between the open side of the bathtub and the centerline of the width of the bathtub. Controls shall comply with 309.4.

607.6 Shower Spray Unit and Water. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed-position shower head and as a hand-held shower shall be provided. The shower spray unit shall have an on/off control with a non-positive shut-off. If an adjustable-height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. Bathtub shower spray units shall deliver water that is 120°F (49°C) maximum.

607.7 Bathtub Enclosures. Enclosures for bathtubs shall not obstruct controls, faucets, shower and spray units or obstruct transfer from wheelchairs onto bathtub seats or into bathtubs. Enclosures on bathtubs shall not have tracks installed on the rim of the open face of the bathtub.

608 Shower Compartments

608.2 Size and Clearances for Shower Compartments. Shower compartments shall have sizes and clearances complying with 608.2.

608.2.1 Transfer Type Shower Compartments. Transfer type shower compartments shall be 36 inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm) wide minimum by 48 inches (1220 mm) long minimum measured from the control wall shall be provided.

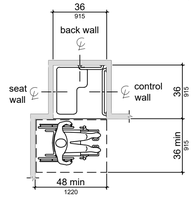


Figure 608.2.1 Transfer Type Shower Compartment Size and Clearance

608.2.2 Standard Roll-In Type Shower Compartments. Standard roll-in type shower compartments shall be 30 inches (760 mm) wide minimum by 60 inches (1525 mm) deep minimum clear inside dimensions measured at center points of opposing sides and shall have a 60 inches (1525 mm) wide minimum entry on the face of the shower compartment.

608.2.2.1 Clearance. A 30 inch (760 mm) wide minimum by 60 inch (1525 mm) long minimum clearance shall be provided adjacent to the open face of the shower compartment.

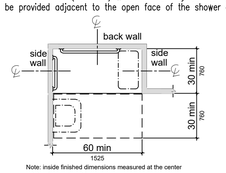


Figure 608.2.2 Standard Roll-In Type Shower Compartment Size and Clearance

608.2.3 Alternate Roll-In Type Shower Compartments. Alternate roll-in type shower compartments shall be 36 inches (915 mm) wide and 60 inches (1525 mm) deep minimum clear inside dimensions measured at center points of opposing sides. A 36 inch (915 mm) wide minimum entry shall be provided at one end of the long side of the compartment.

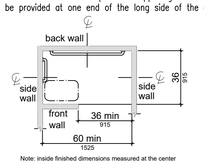


Figure 608.2.3 Alternate Roll-In Type Shower Compartment Size and Clearance

608.3 Grab Bars. Grab bars shall comply with 609 and shall be provided in accordance with 608.3. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the finish floor.

608.3.1 Transfer Type Shower Compartments. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18 inches (455 mm) from the control wall.

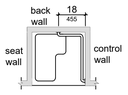


Figure 608.3.1 Grab Bars for Transfer Type Showers

608.3.2 Standard Roll-In Type Shower Compartments. Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. Grab bars shall be installed 6 inches (150 mm) maximum from adjacent walls.

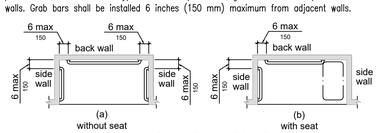


Figure 608.3.2 Grab Bars for Standard Roll-In Type Showers

608.3.3 Alternate Roll-In Type Shower Compartments. In alternate roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall farthest from the compartment entry. Grab bars shall not be provided above the seat. Grab bars shall be installed 6 inches (150 mm) maximum from adjacent walls.

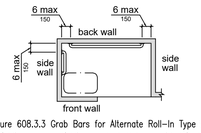


Figure 608.3.3 Grab Bars for Alternate Roll-In Type Showers

608.4 Seats. A folding or non-folding seat shall be provided in transfer type shower compartments. A folding seat shall be provided in roll-in type showers required in transient lodging guest rooms with mobility features complying with 806.2. Seats shall comply with 610.

608.5 Controls. Controls, faucets, and shower spray units shall comply with 309.4.

608.5.1 Transfer Type Shower Compartments. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor and shall be located on the control wall 15 inches (380 mm) maximum from the centerline of the seat toward the shower opening.

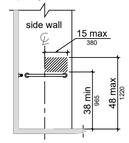


Figure 608.5.1 Transfer Type Shower Compartment Control Location

608.5.2 Standard Roll-In Type Shower Compartments. In standard roll-in type shower compartments, the controls, faucets, and shower spray unit shall be located above the grab bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be installed on the back wall adjacent to the seat wall and shall be located 27 inches (685 mm) maximum from the seat wall.

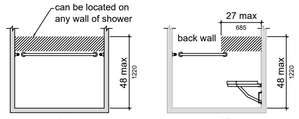


Figure 608.5.2 Standard Roll-In Type Shower Compartment Control Location

608.5.3 Alternate Roll-In Type Shower Compartments. In alternate roll-in type shower

bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be located on the side wall

shower spray unit shall be installed on the side wall farthest from the compartment entry.

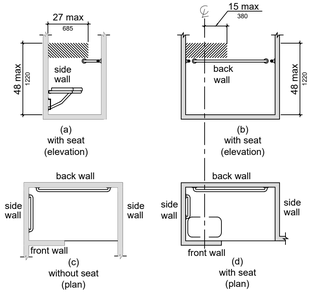


Figure 608.5.3 Alternate Roll-In Type Shower Compartment Control Location

608.6 Shower Spray Unit and Water. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed-position shower head and as a hand-held shower shall be provided. The shower spray unit shall have an on/off control with a non-positive shut-off. If an adjustable-height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. Shower spray units shall deliver water that is 120°F (49°C) maximum.

608.7 Thresholds. Thresholds in roll-in type shower compartments shall be 1/2 inch (13 mm) high maximum in accordance with 303. In transfer type shower compartments, thresholds 1/2 inch (13 mm) high maximum shall be beveled, rounded, or vertical.

608.8 Shower Enclosures. Enclosures for shower compartments shall not obstruct controls, faucets, and shower spray units or obstruct transfer from wheelchairs onto shower seats.

609 Grab Bars

609.1 General. Grab bars in toilet facilities and bathing facilities shall comply with 609.

609.2 Cross Section. Grab bars shall have a cross section complying with 609.2.1 or 609.2.2.

609.2.1 Circular Cross Section. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 Non-Circular Cross Section. Grab bars with non-circular cross sections shall have a cross-section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (100 mm) minimum and 4.8 inches (120 mm) maximum.

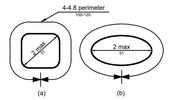


Figure 609.2.2 Grab Bar Non-Circular Cross Section

609.3 Spacing. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE-C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
ADA-4

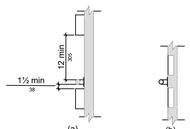


Figure 609.3 Spacing of Grab Bars

609.4 Position of Grab Bars. Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

609.5 Surface Hazards. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges.

609.6 Fittings. Grab bars shall not rotate within their fittings.

609.7 Installation. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space.

609.8 Structural Strength. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.

610 Seats

610.2 Bathtub Seats. The top of bathtub seats shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. The depth of a removable in-tub seat shall be 15 inches (380 mm) minimum and 16 inches (405 mm) maximum. The seat shall be capable of secure placement. Permanent seats at the head end of the bathtub shall be 15 inches (380 mm) deep minimum and shall extend from the back wall to or beyond the outer edge of the bathtub.

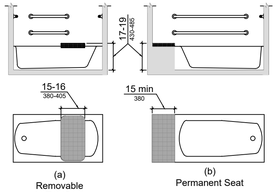


Figure 610.2 Bathtub Seats

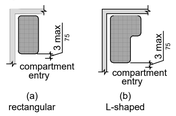


Figure 610.3 Extent of Seat

610.3 Shower Compartment Seats. Where a seat is provided in a standard roll-in shower compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. Where a seat is provided in an alternate roll-in type shower compartment, it shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches (75 mm) of the compartment entry. In transfer-type showers, the seat shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. The top of the seat shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. Seats shall comply with 610.3.1 or 610.3.2.

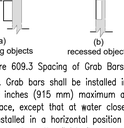


Figure 610.3.1 Rectangular Shower Seat

610.3.1 Rectangular Seats. The rear edge of a rectangular seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The side edge of the seat shall be 1 1/2 inches (38 mm) maximum from the adjacent wall.

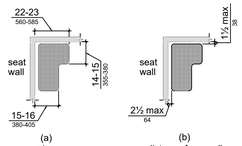


Figure 610.3.2 L-Shaped Shower Seat

610.3.2 L-Shaped Seats. The rear edge of an L-shaped seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1 1/2 inches (38 mm) maximum from the wall and the front edge shall be 14 inches (355 mm) minimum and 15 inches (380 mm) maximum from the wall. The end of the "L" shall be 22 inches (560 mm) minimum and 23 inches maximum (585 mm) from the main seat wall.

610.4 Structural Strength. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener, mounting device, or supporting structure.

611 Washing Machines and Clothes Dryers

611.2 Clear Floor Space. A clear floor or ground space complying with 305 positioned for parallel approach shall be provided. The clear floor or ground space shall be centered on the appliance.

611.3 Operable Parts. Operable parts, including doors, lint screens, and detergent and bleach compartments shall comply with 309.

611.4 Height. Top loading machines shall have the door to the laundry compartment located 36 inches (915 mm) maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15 inches (380 mm) minimum and 36 inches (915 mm) maximum above the finish floor.

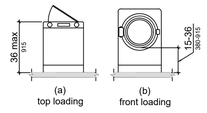


Figure 611.4 Height of Laundry Compartment Opening

612 Saunas and Steam Rooms

612.2 Bench. Where seating is provided in saunas and steam rooms, at least one bench shall comply with 903. Doors shall not swing into the clear floor space required by 903.2.

612.3 Turning Space. A turning space complying with 304 shall be provided within saunas and steam rooms

CHAPTER 7: COMMUNICATION ELEMENTS AND FEATURES

702 Fire Alarm Systems
702.1 General. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or CURRENT edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4–3.2.1 of NFPA 72 shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4–3 and 4–4 of NFPA 72 or sections 7.4 and 7.5 of NFPA 72 (CURRENT edition).

703 Signs

703.1 General. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 Raised Characters. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 Depth. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background.

703.2.2 Case. Characters shall be uppercase.

703.2.3 Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".

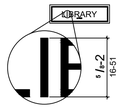


Figure 703.2.5 Height of Raised Characters

703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 Line Spacing. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

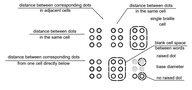


Figure 703.3.1 Braille Measurement

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

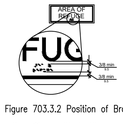


Figure 703.3.2 Position of Braille

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

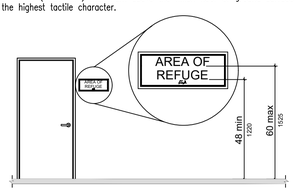


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

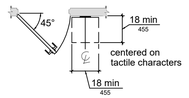


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "I".

703.5.6 Height From Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum above the finish floor or ground.

703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 10 percent minimum and 30 percent maximum of the height of the character.

703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height.

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6 Pictograms. Pictograms shall comply with 703.6.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

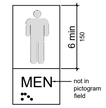


Figure 703.6.1 Pictogram Field
dark-on-light.

703.6.2 Finish and Contrast. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field.

703.6.3 Text Descriptors. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 703.2, 703.3 and 703.4.

703.7 Symbols of Accessibility. Symbols of accessibility shall comply with 703.7.

703.7.1 Finish and Contrast. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

704 Telephones
704.1 General. Public telephones shall comply with 704.

704.2 Wheelchair Accessible Telephones. Wheelchair accessible telephones shall comply with 704.2.

704.2.1 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided. The clear floor or ground space shall not be obstructed by bases, enclosures, or seats.

Advisory 704.2.1 Clear Floor or Ground Space. Because clear floor and ground space is required to be unobstructed, telephones, enclosures and related telephone book storage cannot encroach on the required clear floor or ground space and must comply with the provisions for protruding objects. (See Section 307).

704.2.1.1 Parallel Approach. Where a parallel approach is provided, the distance from the edge of the telephone enclosure to the face of the telephone unit shall be 10 inches (255 mm) maximum.



Figure 704.2.1.1 Parallel Approach to Telephone

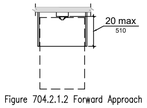


Figure 704.2.1.2 Forward Approach to Telephone

704.2.1.2 Forward Approach. Where a forward approach is provided, the distance from the front edge of a counter within the telephone enclosure to the face of the telephone unit shall be 20 inches (510 mm) maximum.

704.2.2 Operable Parts. Operable parts shall comply with 309. Telephones shall have push-button controls where such service is available.

704.2.3 Telephone Directories. Telephone directories, where provided, shall be located in accordance with 309.

704.2.4 Cord Length. The cord from the telephone to the handset shall be 29 inches (735 mm) long minimum.

704.3 Volume Control Telephones. Public telephones required to have volume controls shall be equipped with a receive volume control that provides a gain adjustable up to 20 dB minimum. For incremental volume control, provide at least one intermediate step of 12 dB of gain minimum. An automatic reset shall be provided.
704.4 TTYs. TTYs required at a public pay telephone shall be permanently affixed within, or adjacent to, the telephone enclosure. Where an acoustic coupler is used, the telephone cord shall be sufficiently long to allow connection of the TTY and the telephone receiver.

704.4.1 Height. When in use, the touch surface of TTY keypads shall be 34 inches (865 mm) minimum above the finish floor.

704.5 TTY Shelf. Public pay telephones required to accommodate portable TTYs shall be equipped with a shelf and an electrical outlet within or adjacent to the telephone enclosure. The telephone handset shall be capable of being placed flush on the surface of the shelf. The shelf shall be capable of accommodating a TTY and shall have 6 inches (150 mm) minimum vertical clearance above the area where the TTY is to be placed.

705 Detectable Warnings
705.1 General. Detectable warnings shall consist of a surface of truncated domes and shall comply with 705.

705.1.1 Dome Size. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inch (23 mm) minimum and 1.4 inches (36 mm) maximum, a top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and a height of 0.2 inch (5.1 mm).

705.1.2 Dome Spacing. Truncated domes in a detectable warning surface shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base-to-base spacing of 0.65 inch (17 mm) minimum, measured between the most adjacent domes on a square grid.

705.1.3 Contrast. Detectable warning surfaces shall contrast visually with adjacent walking surfaces either light-on-dark, or dark-on-light.

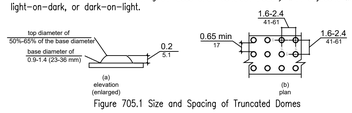


Figure 705.1 Size and Spacing of Truncated Domes

705.2 Platform Edges. Detectable warning surfaces at platform boarding edges shall be 24 inches (610 mm) wide and shall extend the full length of the public use areas of the platform.

706 Assistive Listening Systems

706.2 Receiver Jacks. Receivers required for use with an assistive listening system shall include a 1/8 inch (3.2 mm) standard mono jack.

706.3 Receiver Hearing-Aid Compatibility. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neckloops.

706.4 Sound Pressure Level. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB.

706.5 Signal-to-Noise Ratio. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum.

706.6 Peak Clipping Level. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech.

707 Automatic Teller Machines and Fare Machines

707.2 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided.

707.3 Operable Parts. Operable parts shall comply with 309. Unless a clear or correct key is provided, each operable part shall be able to be differentiated by sound or touch, without activation.

EXCEPTION: Drive-up only automatic teller machines and fare machines shall not be required to comply with 309.2 and 309.3.

707.4 Privacy. Automatic teller machines shall provide the opportunity for the same degree of privacy of input and output available to all individuals.

707.5 Speech Output. Machines shall be speech enabled. Operating instructions and orientation, visible transaction prompts, user input verification, error messages, and all displayed information for full use shall be accessible to and independently usable by individuals with vision impairments. Speech shall be delivered through a mechanism that is readily available to all users, including but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized.

707.5.1 User Control. Speech shall be capable of being repeated or interrupted. Volume control shall be provided for the speech function.

707.5.2 Receipts. Where receipts are provided, speech output devices shall provide audible balance inquiry information, error messages, and all other information on the printed receipt necessary to complete or verify the transaction.

707.6 Input. Input devices shall comply with 707.6.

707.6.1 Input Controls. At least one tactilely discernible input control shall be provided for each function. Where provided, key surfaces not on active areas of display screens, shall be raised above surrounding surfaces. Where membrane keys are the only method of input, each shall be tactilely discernable from surrounding surfaces and adjacent keys.

707.6.2 Numeric Keys. Numeric keys shall be arranged in a 12-key ascending or descending telephone keypad layout. The number five key shall be tactilely distinct from the other keys.

707.6.3.1 Contrast. Function keys shall contrast visually from background surfaces. Characters and symbols on key surfaces shall contrast visually from key surfaces. Visual contrast shall be either light-on-dark or

707.6.3.2 Tactile Symbols. Function key surfaces shall have tactile symbols as follows: Enter or Proceed key: raised circle; Clear or Correct key: raised left arrow; Cancel key: raised letter ex; Add Value key: raised plus sign; Decrease Value key: raised minus sign.

707.7 Display Screen. The display screen shall comply with 707.7.

707.7.1 Visibility. The display screen shall be visible from a point located 40 inches (1015 mm) above the center of the clear floor space in front of the machine.

707.7.2 Characters. Characters displayed on the screen shall be in a sans serif font. Characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter "I". Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

707.8 Braille Instructions. Braille instructions for initiating the speech mode shall be provided. Braille shall comply with 703.3.

708 Two-Way Communication Systems
708.1 General. Two-way communication systems shall comply with 708.

708.2 Audible and Visual Indicators. The system shall provide both audible and visual signals.

708.3 Handsets. Handset cords, if provided, shall be 29 inches (735 mm) long minimum.

708.4 Residential Dwelling Unit Communication Systems. Communications systems between a residential dwelling unit and a site, building, or floor entrance shall comply with 708.4.

708.4.1 Common Use or Public Use System Interface. The common use or public use system interface shall include the capability of supporting voice and TTY communication with the residential dwelling unit interface.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE-C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 'OM DESIGN SOLUTIONS - DESIGN CONSULTANTS' WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ADA 2010 COMPLIANCE MISC. ACCESSIBILITY DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
ADA-5

BUILDING CODE DATA: R-1 OCCUPANCY

BUILDING IDENTIFICATION:					HOTEL
BUILDING OCCUPANCY CLASSIFICATION (LSC - NFPA 101, 2012. CHAPTERS 3, 6 & 28):					R-1 - HOTELS, MOTELS (TRANSIENT)
TYPE OF CONSTRUCTION (IBC 2012, SECTION 602 & 602.5):		TYPE VA (UN-PROTECTED)			FULLY SPRINKLERED
ALLOWABLE AREA PER FLOOR (IBC 2012, SECTION 305 & TABLE 503):					12,000 SQ.FT PER STORY
SQ. FT. INCREASE ALLOWABLE PER FLOOR BY AREA MODIFICATION METHODS OF: AUTOMATIC SPRINKLER SYSTEM & FRONTAGE INCREASE (IBC 2012, SECTION 503 & 506): EQUATION USED: AN AREA INCREASE 200% OF ALLOWABLE FLOOR AREA PER FLOOR FOR PROVIDING SPRINKLER FOR A TWO OR MORE STORY BUILDING AN AREA INCREASE OF 75% OF ALLOWABLE FLOOR AREA FOR FRONTAGE INCREASE		Aa= { At + [At x Ii] + [At x Is] } Aa=12,000+[12,000 x 0]+[12,000 x 2] Aa = 12,000 + 0 + 24,000 Aa = 36,000 PER FLOOR			Ir = ⟮F/P-0.25⟯W/30 = ⟮1-0.25⟯*1 = 0.75 - FRONTAGE AREA INCREASE NOT REQUIRED Is = 2 At = 12,000
ALLOWABLE FLOOR AREA FOR THE BUILDING (ALL FLOORS - FOUR STORY BUILDING):					36,000X4 = 144,000 SQ.FT.
PROPOSED AREA (SQ.FT.) PER FLOOR:					
	FIRST FLOOR				13,702 SF
	SECOND FLOOR				13,858 SF
	THIRD FLOOR				13,858 SF
	FOURTH FLOOR				13,858 SF
TOTAL FLOOR AREA OF THE BUILDING:					55,276 SF
BUILDING HEIGHT (IBC 2012, SECTION 503 & 504 FOR VA CONSTRUCTION)					
	BUILDING HEIGHT ALLOWED PER IBC TABLE 503:	50'-0"			
	AUTOMATIC SPRINKLER INCREASE (IBC 2012, SECTION 504.2):	50'-0" (W/ NFPA13 SPRINKLER) 50' + 20' MAX. = 70'-0"			
	BUILDING HEIGHT PROPOSED:	49'-2.5" (TOP OF ROOF INSULATION)		51'-8.5" (TOP OF HIGHEST PARAPET)	
	HIGH RISE CRITERIA IMPLIED (IBC CHAPTER 2 & SECTION 403)	☐ YES	☒ NO	OCCUPIED FLOOR LESS THAN 75'-0"	
NUMBER OF STORIES (IBC 504):					
	NUMBER OF STORIES ALLOWED PER IBC TABLE 503:	03 STORIES			
	AUTOMATIC SPRINKLER INCREASE (IBC SECTION 504.2):	03 STORIES + 01 STORY (MAX 20') = 04 STORIES CODE ALLOWS MAX. 4 STORIES IN GROUP R BUILDINGS PROVIDED WITH NFPA13 SPRINKLER SYSTEM			
	NUMBER OF STORIES PROPOSED:	04 STORIES			

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC. TABLE 601, 602, & CHAPTER 7). TYPE OF CONSTRUCTION: VA		BUILDING ELEMENTS. IBC TABLE 601 AND TABLE 602:		OPENING PROTECTION. EXTERIOR WALLS (IBC. 705.8)		
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REMARKS
	STRUCTURAL FRAME:	1 - HOUR	1 - HOUR	NA		
	EXTERIOR LOAD BEARING WALL:	1 - HOUR	1 - HOUR	0 - HOUR	0 - HOUR	NOT REQUIRED, FIRE SEPARATION DISTANCE MORE THAN 30 FEET
	EXTERIOR NON LOAD BEARING WALL .TABLE 602 (FIRE SEPARATION DIST.> 30'-0"):	0 - HOUR	0 - HOUR	0 - HOUR	0 - HOUR	NOT REQUIRED
	INTERIOR LOAD BEARING WALLS (OTHER THAN WALLS SEPARATING GUEST ROOM & CORRIDORS):	1 - HOUR	1 - HOUR	3/4 - HOUR	3/4 - HOUR	SEE SEPARATE REQUIREMENTS FOR FIRE RATING OF WALLS BETWEEN GUEST ROOMS AND CORRIDORS
	INTERIOR NON LOAD BEARING PARTITION WALLS (OTHER THAN WALLS SEPARATING GUEST ROOM & CORRIDORS):	0 - HOUR	0 - HOUR	0 - HOUR	0 - HOUR	SEE SEPARATE REQUIREMENTS FOR FIRE RATING OF WALLS BETWEEN GUEST ROOMS
	FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (FLOOR SYSTEM OTHER THAN BETWEEN GUEST ROOMS AND FLOOR SEPARATING GUEST ROOM & OTHER AREAS):	1 - HOUR	1 - HOUR	1 - HOUR	1 - HOUR	
	ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS:	1 - HOUR	1 - HOUR	1 - HOUR	1 - HOUR	

FIRE RESISTANCE RATING REQUIREMENTS FOR WALLS, FLOOR SYSTEMS & HAZARDOUS AREAS IN NEW HOTELS AND DORMITORIES (LSC. NFPA 101 2012 EDITION, CHAPTERS 7, 8, 9 & 28)		BUILDING ELEMENTS.		OPENING PROTECTION. (NFPA 101 2012, CHAPTER 8 & 28)		
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REMARKS
	INTERIOR WALLS (WALLS BETWEEN GUEST ROOMS AND CORRIDOR) NFPA 101, 2012 EDITION CHAPTER 28 SECTION 28.3.6.1.3:	½ - HOUR	1 - HOUR	1/3 - HOUR	1/3 - HOUR	NFPA 101 2012, CHAPTER 8 TABLE 8.3.4.2 & CHAPTER 28 SECTION 28.3.6.2.1. (NFPA13 SYSTEM USED)
	INTERIOR WALLS (WALLS BETWEEN TWO GUEST ROOMS) NFPA 101, 2012 EDITION CHAPTER 8 & 28 SECTION 28.3.7.2:	1/2 - HOUR	1 - HOUR	1/3 - HOUR	1/3 - HOUR	NFPA 101 2012, CHAPTER 8 TABLE 8.3.4.2 & CHAPTER 28 SECTION 28.3.7.3 (NFPA13 SYSTEM USED)
	INTERIOR WALLS FOR INCIDENTAL AREAS LIKE LAUNDRY, STORAGE, ELECTRICAL/MECHANICAL & BOILER ROOMS) NFPA 101, 2012 EDITION CHAPTER 28 SECTION 28.3.2 AND TABLE 28.3.2.2.2):	1 - HOUR	1 - HOUR	¾ - HOUR	¾ - HOUR	NFPA 101 2012, CHAPTER 8 TABLE 8.3.4.2
	FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS NFPA 101, 2012 EDITION CHAPTER 8 & 28 SECTION 28.3.7.2 AND IBC 2012 CHAPTER 7, SECTION 711.3:	1 - HOUR	1 - HOUR	NA	NA	NFPA13 SYSTEM USED

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING COMPONENTS (IBC. CHAPTERS 5, 6, 7, 9, 10, 14, 15)		FIRE SEPARATION		OPENING PROTECTION (IBC. 705.8 & 716)		
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REMARKS
	WALLS FOR EXIT PASSAGEWAY TO EXIT ACCESS (IBC 2012, SECTION 1023):	1 - HOUR	1 - HOUR	1 - HOUR	1 - HOUR	NO EXCEPTION
	CORRIDOR FIRE RATING WITH AUTOMATIC SPRINKLER (IBC 2012, SECTION 1018, TABLE 1018.1):	1 - HOUR	1 - HOUR	½ - HOUR	½ - HOUR	
	EXTERIOR WALLS FOR EXIT STAIRWAYS (IBC 2012, SECTION 705)	0 - HOUR	1 - HOUR	0 - HOUR	0 - HOUR	EXTERIOR OPENINGS (IBC TABLE 705.8)
	INTERIOR WALLS FOR EXIT STAIRWAYS (IBC 2012, SECTION 1009, 1009.3.1.2, 716)	2 - HOUR	2 - HOUR	1.5 HOUR	1.5 HOUR	BUILDING 4 STORY HIGH. MAX. VISION PANEL SIZE: 100 SQ. IN.
	SHAFT ENCLOSURES - (IBC 2012, SECTION 713 & TABLE 716.5)	2 - HOUR	2 - HOUR	1.5 HOUR	1.5 HOUR	BUILDING 4 STORY HIGH. MAX. VISION PANEL SIZE: 100 SQ. IN.
	INCIDENTAL USE (IBC 2012, CHAPTER 5 SECT. 509, CHAPTER 7 TABLE SECTION 716)	1 - HOUR	1 - HOUR	¾ - HOUR	¾ - HOUR	NO EXCEPTION

STAIRS (NFPA 101 2012, CHAPTER 7 SECTION 7.2.2, 7.3.3 & CHAPTER 28):	☐ OPEN	☒ ENCLOSED	MIN. WIDTH: 44"		PROPOSED WIDTH: 48"
STAIRS WIDTH - CAPACITY FACTORS (NFPA 101, 2012 EDITION TABLE 7.3.3.1)	MIN. REQUIRED: 0.3" PER PERSON				
EXIT DOOR EGRESS CAPACITY (NFPA 101 2012, CHAPTER 7 SECTION 7.3.3):	MIN. REQUIRED: 0.2" PER PERSON				
FIRE EXTINGUISHING SYSTEMS:	☐ NFPA13R	☒ NFPA13	TO BE DETERMINED & DESIGNED BY SPRINKLER CONSULTANT.		
SPRINKLER SYSTEM (NFPA 101, 2012 CHAPTER 8, IBC. 903 /IFC 903.2)	REQUIRED	☒ YES	☐ NO		
STANDPIPE SYSTEM (IBC 2012 SECTION 905 & IFC 2012)	REQUIRED	☒ YES	☐ NO	(HIGHEST FLOOR LEVEL MORE THAN 30'-0" FROM THE FIRE DEPT. ACCESS)	
PORTABLE FIRE EXTINGUISHERS (1FC 2012 CHAPTER 9)	MAX DISTANCE ALLOWED: 75'-0 (IFC. TABLE 906.3 (1)			TYPE: 2-A (IFC. TABLE 906.3 (1)	

MEANS OF EGRESS PER FLOOR (NFPA 101, 2012 EDITION. CHAPTER 7 & CHAPTER 28, SECTION 28.2 AND STATE MINIMUM FIRE SAFETY STANDARD):				
	NUMBER OF MEANS OF EGRESS PER OCCUPANT LOAD (NFPA 101, 2012 EDITION. SECTION 7.4 & SECTION 28.2.4):	REQD.: 02 PER FLOOR	PROVIDED: 02 PER UPPER FLOORS. 05 ON FIRST FLOOR.	OCCUPANT LOAD LESS THAN 500 PER FLOOR
	TRAVEL DISTANCE (NFPA 101, 2012 EDITION. SECTION 7.6 & SECTION 28.2.6):	BETWEEN ANY GUEST ROOM CORRIDOR DOOR TO AN EXIT (STAIRCASE)	200 FEET	AUTOMATIC SPRINKLER PROVIDED
	COMMON PATH OF TRAVEL (NFPA 101, 2012 EDITION. SECTION 28.2.5.4):	MAXIMUM ALLOWED: 50 FEET	AUTOMATIC SPRINKLER PROVIDED	
	DEAD END CORRIDOR (NFPA 101, 2012 EDITION. SECTION 28.2.5.6):	MAXIMUM ALLOWED: 50 FEET	AUTOMATIC SPRINKLER PROVIDED	
	CAPACITY OF MEANS OF EGRESS (NFPA 101, 2012 EDITION. SECTION 28.2.3, 7.3 & 7.3.3):	0.2" PER PERSON	MIN. OF 44" WIDE.	
		MINIMUM CORRIDOR WIDTH: 44" REQUIRED		

ELEVATORS		REQUIRED	☒ YES	☐ NO
	HIGH RISE CRITERIA IMPLIED (IBC 2012 CHAPTER 2 & SECTION 403)	☐ YES	☒ NO	OCCUPIED FLOOR LESS THAN 75'-0" FOR FIRE DEPT. ACCESS
	TO BE USED A MEANS OF EGRESS (IBC SECTION 1107 & 1109.7)	☐ YES	☒ NO	ACCESSIBLE FLOOR IS LESS THAN 4 STORY ABOVE LEVEL OF EXIT DISCHARGE (IBC 1007.2.1)
	ELEVATOR LOBBY ENCLOSURE REQUIRED (IBC 713.14..1 EXCEPTION 4)	☐ YES	☒ NO	AUTOMATIC SPRINKLER PROVIDED
	ELEVATOR CAR TO ACCOMMODATE AMBULANCE STRETCHER (IBC 3002.4)	☒ YES	☐ NO	BUILDING 4 STORY HIGH

* ALL CODES REFERRED ARE 2012 INTERNATIONAL CODES WITH CURRENT STATE AMENDMENTS
* SPRINKLER DESIGNERS TO DESIGN AND DETAIL THE SYSTEM AS PER STATE REQUIREMENTS
* SPRINKLERS CONSULTANT DESIGNS AND CODES WILL SUPERCEDE ANY INFORMATION PROVIDED FOR SPRINKLER SYSTEM, STANDPIPE SYSTEM OR ANY OTHER MEANS OF FIRE PROTECTION IN THE ARCHITECTURAL CODE INFORMATION OR DRAWINGS.
* NFPA 13 SYSTEM IN ALL AREAS AS APPROVED BY FIRE MARSHAL AND AS PER SPRINKLER DESIGNER PLANS
* SPRINKLER DESIGNERS/FIRE ENGINEERS TO DETERMINE THE NEED FOR FIRE PUMPS PER THE WATER PRESSURE AVAILABILITY AT SITE. IF REQUIRED GC TO PROVIDE FIRE PUMPS PER THE SPRINKLER CONSULTANT DESIGNS

CODE REFERENCE GUIDE

AREA:	PRIMARY	SUPPLEMENT
OCCUPANCY CLASSIFICATION	LSC	IBC
BUILDING CONSTRUCTION TYPES INCLUDING ALLOWABLE HEIGHT, ALLOWABLE BUILDING AREA, AND THE REQUIREMENTS FOR SPRINKLER PROTECTION RELATED TO MINIMUM BUILDING CONSTRUCTION TYPES.	IBC	LSC
MEANS OF EGRESS	LSC	NONE
STANDPIPES	IBC	IFC
INTERIOR FINISH	LSC	NONE
HVAC SYSTEMS	IMC	NONE
VERTICAL OPENINGS	LSC	NONE
SPRINKLER SYSTEMS MINIMUM CONSTRUCTION STANDARD	LSC	NONE
FIRE ALARM SYSTEMS	LSC	NONE
SMOKE ALARM AND SMOKE DETECTION SYSTEMS	STATE STATUTE AND LSC	NONE
PORTABLE FIRE EXTINGUISHERS	IFC	NONE
COOKING EQUIPMENT	LSC AND NFPA 96	NONE
FUEL FIRED APPLIANCES	IFGC	NFPA 54
LIQUID PETROLEUM GAS	NFPA 58	NFPA 54
COMPRESSED NATURAL GAS	NFPA 52	NONE

APPLICABLE BUILDING CODES AND STANDARDS

TYPE:	MODEL CODE	EDITION	AMENDMENTS
COMMERCIAL BUILDING CODE	INTERNATIONAL BUILDING CODE 2012 (IBC)	2012	2014, 2015, 2017, 2018
COMMERCIAL PLUMBING AND MECHANICAL CODE	INTERNATIONAL MECHANICAL CODE 2012 (IMC)	2012	2014, 2015
	INTERNATIONAL PLUMBING CODE 2012 (IPC)	2012	2014, 2015
	INTERNATIONAL FUEL AND GAS CODE 2012 (IFGC)	2012	2014, 2015
ELECTRICAL CODE	NFPA NATIONAL ELECTRICAL CODE 2017 (NEC)	2017	NONE
ENERGY CONSERVATION CODE	INTERNATIONAL ENERGY CONSERVATION CODE 2009 (IECC)	2009	2011, 2012
FIRE CODE	INTERNATIONAL FIRE CODE 2012 (IFC)	2012	2014
FUEL AND GAS CODE	INTERNATIONAL FUEL GAS CODE, 2012	2012	2014, 2015
LIFE-SAFETY CODE	NFPA 101	2012	NONE
FIRE ALARM CODE	NFPA 72	2012	
SPRINKLER CODE	NFPA13	2012	
ACCESSIBILITY CODE	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN ICC A117. 1-2009 - ACCESSIBLE & USEABLE BUILDING & FACILITIES	2010 2009	

BUILDING ENVELOPE ENERGY EFFICIENCY REQUIREMENTS: WALLS AND ROOF

CODE REFERENCE: INTERNATIONAL ENERGY CONSERVATION CODE 2009 (IECC)			
BUILDING OCCUPANCY CLASSIFICATION (IBC 302): GROUP - R			CLIMATE ZONE: 2A
BUILDING ELEMENT	MATERIAL USED	MIN. R-VALUE	CONSTRUCTION MATERIALS & DETAILS
EXTERIOR WALLS: FIRST FLOOR WALLS	2X6 LUMBER STUD WALL WITH R13 BATT INSULATION AND EIFS	R-13	2" MIN. EPS FOR EIFS + ⅜"GYP. BD + R-13 INSULATION + ⅜" EXTERIOR GRADE SHEATHING
EXTERIOR WALLS: SECOND FLOOR WALLS	2X6 LUMBER STUD WALL WITH R13 BATT INSULATION AND EIFS	R-13	2" MIN. EPS FOR EIFS + ⅜"GYP. BD + R-13 INSULATION + ⅜" EXTERIOR GRADE SHEATHING
EXTERIOR WALLS: THIRD FLOOR WALLS	2X6 LUMBER STUD WALL WITH R13 BATT INSULATION AND EIFS	R-13	2" MIN. EPS FOR EIFS + ⅜"GYP. BD + R-13 INSULATION + ⅜" EXTERIOR GRADE SHEATHING
EXTERIOR WALLS: FOURTH FLOOR WALLS	2X6 LUMBER STUD WALL WITH R13 BATT INSULATION AND EIFS	R-13	2" MIN. EPS FOR EIFS + ⅜"GYP. BD + R-13 INSULATION + ⅜" EXTERIOR GRADE SHEATHING
ROOF: ROOF WITH INSULATION ENTIRELY OVER DECK	SLOPED PARALLEL CHORD LUMBER ROOF TRUSSES WITH POLYISO INSULATION ABOVE DECK	R-25ci	R-25ci POLYISO INSULATION. PROVIDE THICKNESS AS REQUIRED TO ARCHIVE R-25ci
SLAB ON GRADE	CONCRETE SLAB ON GRADE	NR	NOT REQUIRED
WALL BELOW GRADE	NOT APPLICABLE		

* EPS = EXPANDED POLYSTYRENE INSULATION BOARD
* ci = CONTINUOUS INSULATION
* ROOF POLY-ISO INSULATION THICKNESS MAY VARY PER MANUFACTURE AND TYPE.
* SEE ARCHITECTURAL & STRUCTURAL DRAWINGS FOR DETAILED WALL SCHEDULE AND WALL COVERINGS.

BUILDING ENVELOPE ENERGY EFFICIENCY REQUIREMENTS : FENESTRATIONS

CODE REFERENCE: INTERNATIONAL ENERGY CONSERVATION CODE 2009 (IECC)					
BUILDING OCCUPANCY CLASSIFICATION (IBC 302): GROUP - R		CLIMATE ZONE: 2A			
FENESTRATION TYPE	FRAMING TYPE	V-FACTOR	SHGC: PF < 0.25	SHGC: 0.25 < PF < 0.5	SHGC: PF > 0.5
ENTRANCE DOOR	METAL WITH/WITHOUT THERMAL BREAKS	1.10 (U-FAC)	0.25	0.33	0.40
ALL OTHER TYPES (METAL FRAME) - V-FACTOR	METAL WITH/WITHOUT THERMAL BREAKS	0.75	0.25	0.33	0.40
CURTAIN WALL/STORE FRONT	METAL WITH/WITHOUT THERMAL BREAKS	0.70 (U-FAC)	0.25	0.33	0.40

* PF = PROJECTION FACTOR
* SHGC = SOLAR HEAT GAIN COEFFICIENT
* ALL EXTERIOR GLAZING TO BE LOW "E" & IMPACT RATED (LAMINATED) GLASS

BUILDING CODE DATA: INTERIOR FINISH

INTERIOR WALL AND CEILING FINISH (IBC TABLE 803.9)

- EXIST ENCLOSURES & PASSAGEWAYS: CLASS B
- CORRIDORS FOR EXIT ACCESS: CLASS B
- ROOMS & ENCLOSED SPACES: CLASS C

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

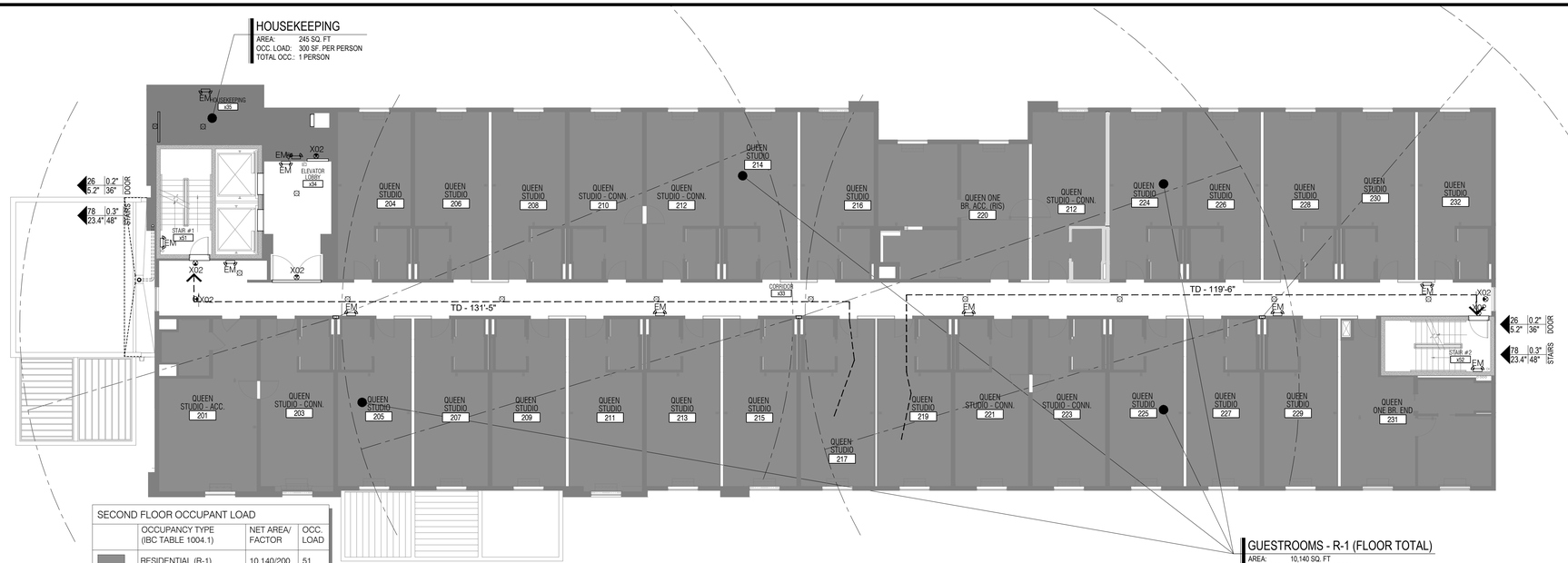
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CODE DATA AND ANALYSIS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

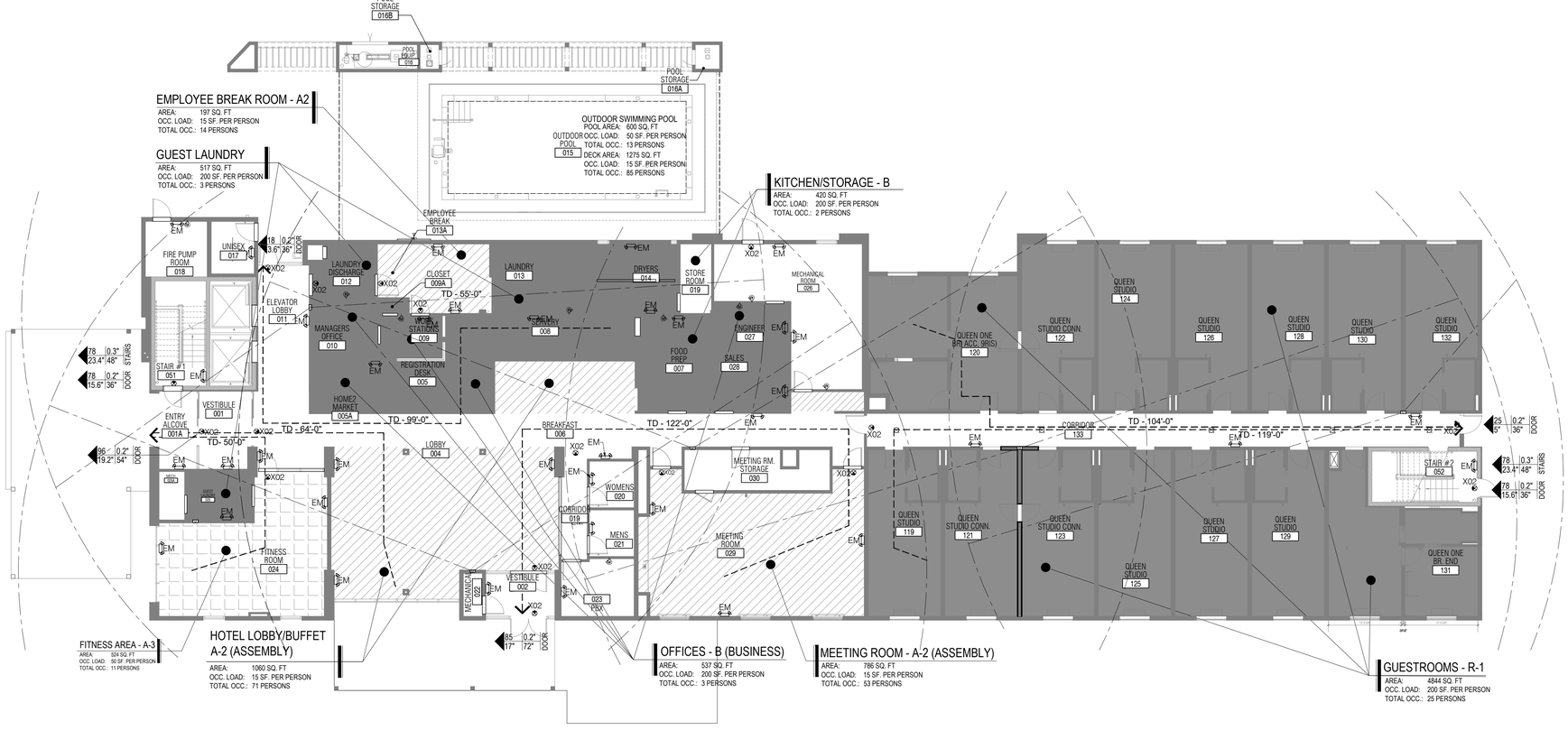
SHEET NUMBER:
CD1



SECOND FLOOR OCCUPANT LOAD			
	OCCUPANCY TYPE (IBC TABLE 1004.1)	NET AREA/ FACTOR	OCC. LOAD
	RESIDENTIAL (R-1)	10,140/200	51
	ACCESSORY, STORAGE	245/300	1
	TOTAL		52

GUESTROOMS - R-1 (FLOOR TOTAL)
AREA: 10,140 SQ. FT
OCC. LOAD: 200 SF. PER PERSON
TOTAL OCC.: 51 PERSONS

2 CD2 SECOND FLOOR LIFE SAFETY PLAN
SCALE: 3/32" : 1'-0"



1 CD2 FIRST FLOOR LIFE SAFETY PLAN
SCALE: 3/32" : 1'-0"

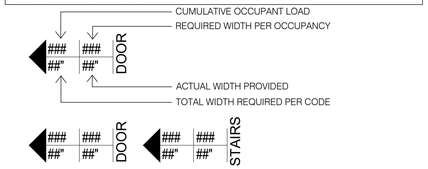
LEGEND:
TD : TRAVEL DISTANCE

WALL RATING LEGEND	
	1-HOUR RATED WALL
	2-HOUR RATED WALL

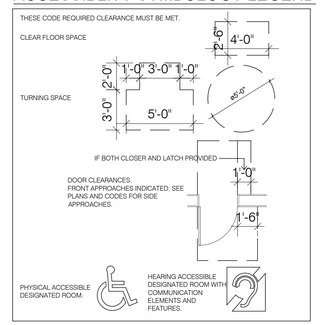
LIFE SAFETY NOTES

1. ALL RATED WALLS ABOVE CEILING TO BE LABELED BY STENCIL OR PLACARD INDICATING THEIR FIRE RATING
2. FIRE BARRIER SHALL EXTEND FROM THE FLOOR TO THE UNDERSIDE OF THE ROOF/FLOOR ASSEMBLY
3. FIRE DOORS MUST BE SELF-CLOSING

EGRESS COMPONENTS



ACCESSIBLITY SYMBOLOGY LEGEND



TWO WAY COMMUNICATION SYSTEM NOTE:
1. PROVIDE TWO WAY COMMUNICATION SYSTEM AT ELEVATOR LANDING FOR SECOND TO FOURTH FLOOR

FIRST FLOOR OCCUPANT LOAD			
	OCCUPANCY TYPE (IBC TABLE 1004.1)	NET AREA/ FACTOR	OCC. LOAD
	ASSEMBLY UN-CONCENTRATED (A-2)	2,040/15	136
	FITNESS CENTER (A-3)	524/50	11
	BOH-EMP. BR. RM., LAUNDRY, OFFICE (B)	-	22
	RESIDENTIAL (R-1)	4,844/200	25
	TOTAL		194

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

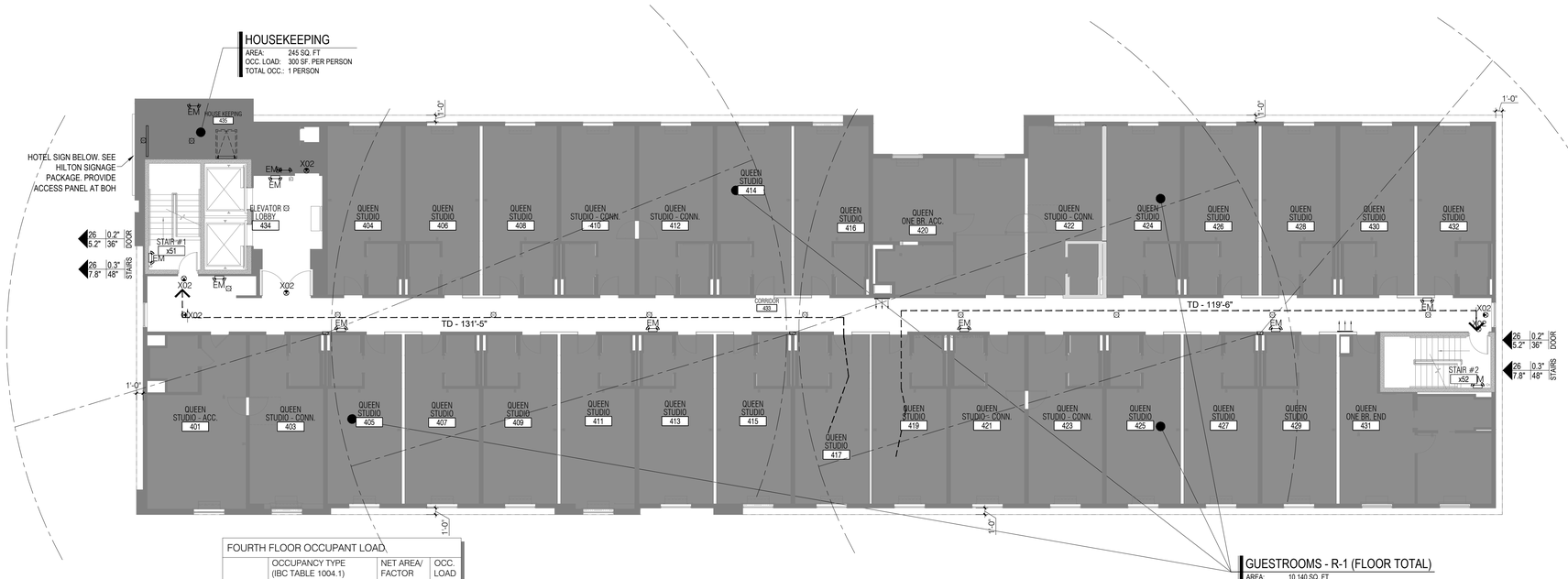
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
LIFE SAFETY PLAN - FIRST AND SECOND FLOOR

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

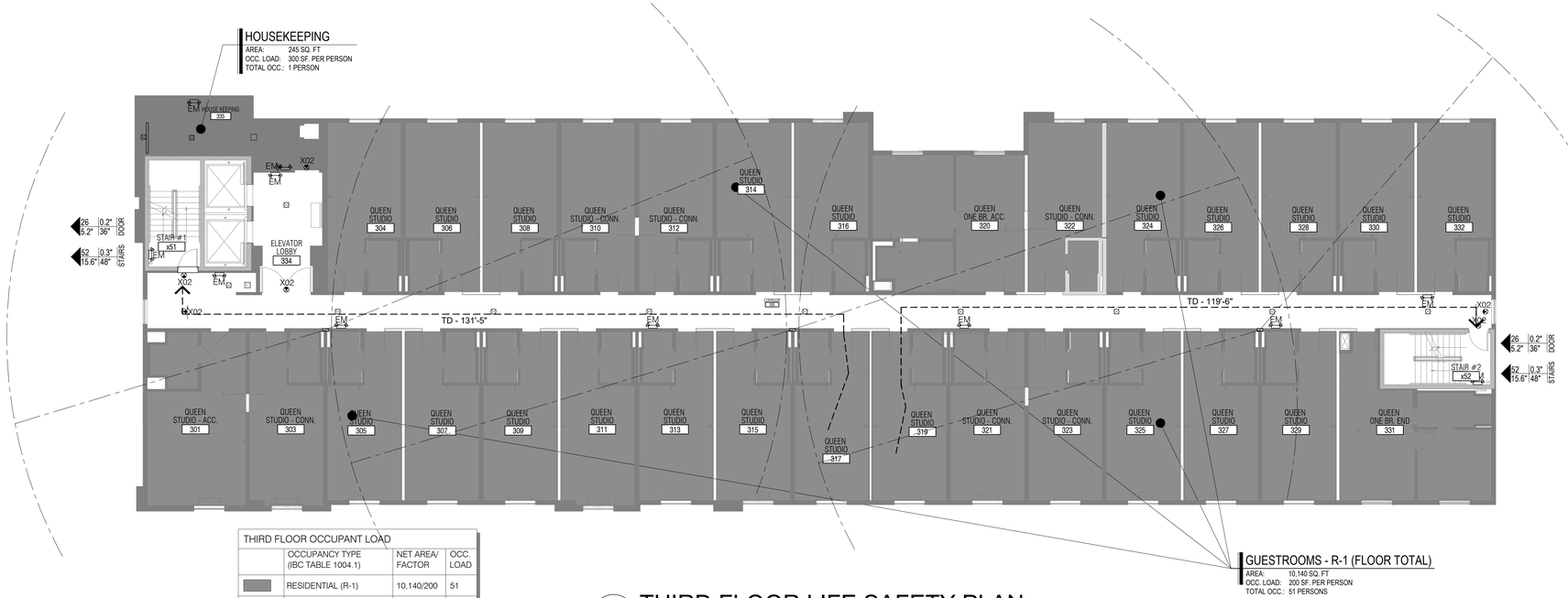
SHEET NUMBER:
CD2



FOURTH FLOOR OCCUPANT LOAD			
	OCCUPANCY TYPE (IBC TABLE 1004.1)	NET AREA/ FACTOR	OCC. LOAD
	RESIDENTIAL (R-1)	10,140/200	51
	HOUSEKEEPING	245/300	1
	TOTAL		52

GUESTROOMS - R-1 (FLOOR TOTAL)
AREA: 10,140 SQ. FT
OCC. LOAD: 200 SF. PER PERSON
TOTAL OCC.: 51 PERSONS

2 CD3 FOURTH FLOOR LIFE SAFETY PLAN
SCALE: 3/32" : 1'-0"



THIRD FLOOR OCCUPANT LOAD			
	OCCUPANCY TYPE (IBC TABLE 1004.1)	NET AREA/ FACTOR	OCC. LOAD
	RESIDENTIAL (R-1)	10,140/200	51
	ACCESSORY, STORAGE	245/300	1
	TOTAL		52

GUESTROOMS - R-1 (FLOOR TOTAL)
AREA: 10,140 SQ. FT
OCC. LOAD: 200 SF. PER PERSON
TOTAL OCC.: 51 PERSONS

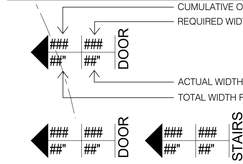
1 CD3 THIRD FLOOR LIFE SAFETY PLAN
SCALE: 3/32" : 1'-0"

LEGEND:
TD : TRAVEL DISTANCE

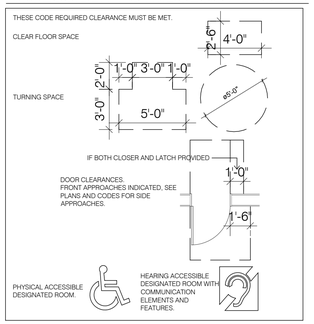
WALL RATING LEGEND	
	1-HOUR RATED WALL
	2-HOUR RATED WALL

LIFE SAFETY NOTES
1. ALL RATED WALLS ABOVE CEILING TO BE LABELED BY STENCIL OR PLACARD INDICATING THEIR FIRE RATING
2. FIRE BARRIER SHALL EXTEND FROM THE FLOOR TO THE UNDERSIDE OF THE ROOF/FLOOR ASSEMBLY.
3. FIRE DOORS MUST BE SELF-CLOSING

EGRESS COMPONENTS



ACCESSIBLITY SYMBOLOGY LEGEND



TWO WAY COMMUNICATION SYSTEM NOTE:
1. PROVIDE TWO WAY COMMUNICATION SYSTEM AT ELEVATOR LANDING FOR SECOND TO FOURTH FLOOR

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN SOLUTIONS" (OM) AND RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
LIFE SAFETY PLAN - THIRD AND FOURTH FLOOR

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
CD3

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

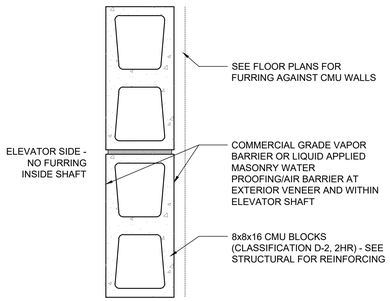
GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.

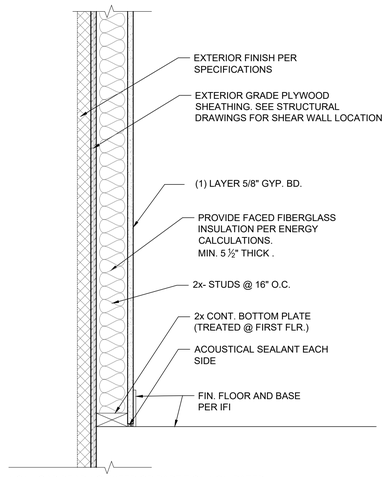
GENERAL NOTES:

1. REFER TO ACTUAL UL, ESR OR GA DETAIL FOR FULL RATED ASSEMBLY INFORMATION (ATTACHMENTS, ETC.). NOTIFY ARCHITECT IF YOU ARE UNABLE TO LOCATE FULL DETAIL.
2. THESE DETAILS GENERALLY ONLY INDICATED ASSEMBLY CONDITIONS. REFER TO WALL SECTIONS AND CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION AT SPECIFIC LOCATIONS.
3. PROVIDE SOUND BATT INSULATION IN ALL ASSEMBLIES SURROUNDING GUESTROOMS, MEETING ROOMS, POOL, FITNESS ROOM, RESTROOMS.AND OFFICES.
4. PROVIDE 5/8" TYPE 'X' GYP. BOARD AT RATED ASSEMBLIES AND 5/8" GYP. BOARD AT NON - RATED ASSEMBLIES EXCEPT; PROVIDE 1/2" CEMENT BOARD BEHIND TILES, 5/8" MOISTURE RESISTANT GYP. BOARD AT BATHROOMS, TOILETS, LOCKERS, FOOD SERVICE AND HOUSEKEEPING AREAS INCLUDING 5/8" CEMENT BOARD 12" HIGH BASE.
5. PROVIDE SEALANT AT BASE OF ALL GYP. BOARD PARTITIONS.
6. PROVIDE CONTROL JOINTS AT ALL WALLS EVENLY SPACED AT MAXIMUM 30' SPACING. WHERE DOORS OCCUR IN THE WALL ALIGN JOINT WITH EDGE OF DOOR FRAME.



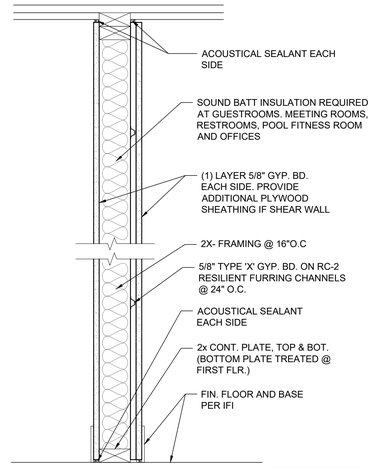
2 HOUR RATED LOAD BEARING CMU WALL

UL DESIGN NO: U906
STC RATING: 55



NON-LOAD BEARING EXTERIOR PARTITION NON-RATED

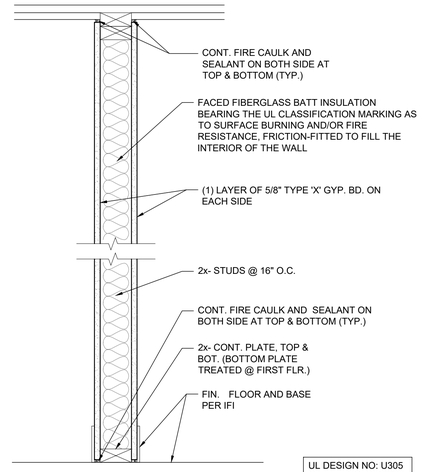
STC RATING: 50



TYPICAL NON-RATED, LOAD BEARING AND OR NON-LOAD BEARING INTERIOR PARTITION

2 x 4 STUDS (G4)
2 x 6 STUDS (G6)

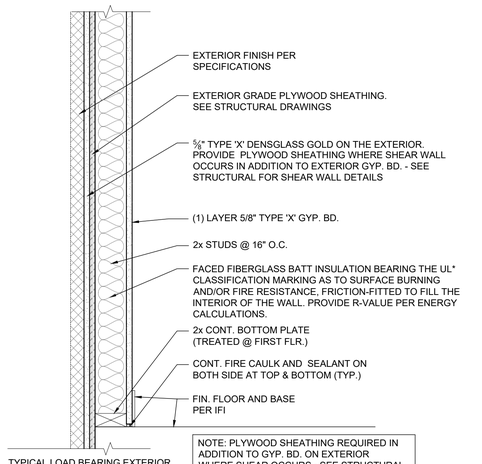
STC RATING: 50



1-HR RATED,LOAD BEARING AND OR NON-LOAD BEARING INTERIOR PARTITION

UL DESIGN NO: U305
GA FILE NO: WP-3514
STC RATING:56

J PARTITION TYPE 'J'- 2 HR RATED
TYPICAL CMU STAIR/ELEVATOR SHAFT



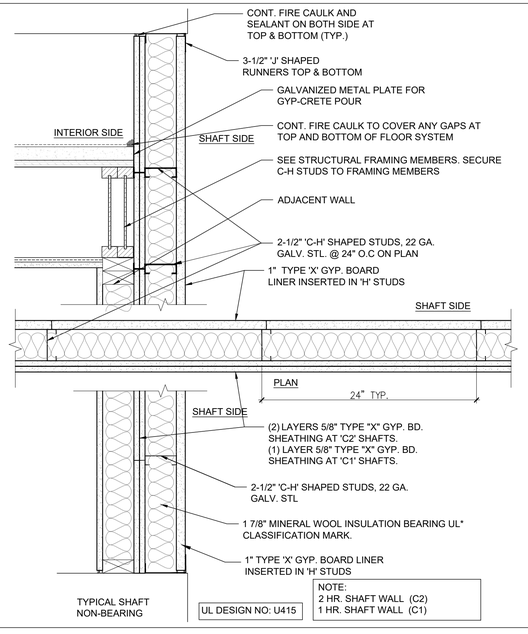
TYPICAL LOAD BEARING EXTERIOR PARTITION SHEAR ONE OR NO SIDE

NOTE: PLYWOOD SHEATHING REQUIRED IN ADDITION TO GYP. BD. ON EXTERIOR WHERE SHEAR OCCURS - SEE STRUCTURAL

1 HR RATED INTERIOR PARTITION

UL DESIGN NO: U356
STC RATING: 56

H PARTITION TYPE 'H'- NON RATED
TYPICAL NON RATED EXTERIOR PARTITION

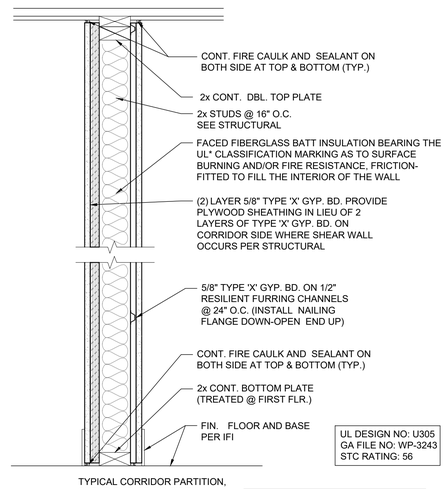


TYPICAL SHAFT NON-BEARING

UL DESIGN NO: U415

NOTE:
2 HR. SHAFT WALL (C2)
1 HR. SHAFT WALL (C1)

G4 G6 PARTITION TYPE 'G'- NON RATED
TYPICAL NON RATED INTERIOR PARTITION



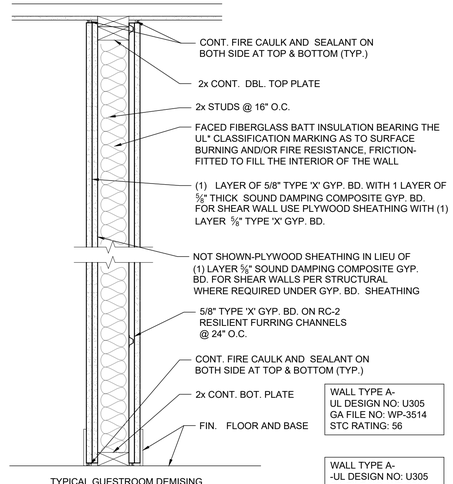
TYPICAL CORRIDOR PARTITION, SHEAR ONE OR NO SIDE

1-HR RATED, BEARING INTERIOR PARTITION

UL DESIGN NO: U305
GA FILE NO: WP-3243
STC RATING: 56

NOTE: PROVIDE PLYWOOD SHEATHING WHERE REQ'D BY STRUCTURAL SHEAR WALL IN LIEU OF 2 LAYERS OF GYP. BD. ON CORRIDOR SIDE

E PARTITION TYPE 'E'-1 HR RATED
TYPICAL INTERIOR 1-HR RATED WALL LOAD BEARING OR NON-LOAD BEARING



WALL TYPE A-
UL DESIGN NO: U305
GA FILE NO: WP-3514
STC RATING: 56

WALL TYPE A-
-UL DESIGN NO: U305
GA FILE NO: WP-3514
STC RATING: 60+

TYPICAL GUESTROOM DEMISING PARTITION, SHEAR ONE OR NO SIDE

1-HR RATED, BEARING INTERIOR PARTITION

NOTE: PLYWOOD SHEATHING ONLY WHERE REQ'D BY STRUCTURAL

NOTE FOR WALL A1: GUEST ROOMS NEXT TO MECHANICAL ROOMS, PROVIDE ADDITIONAL 2X4 STUDS WALL WITH INSULATION TO ACHIEVE 60+ STC RATING

D PARTITION TYPE 'D'-1 HR RATED
EXTERIOR LOAD BEARING WALL

C1 C2 PARTITION TYPE 'C'-1 OR 2 HR RATED
1 OR 2 HOUR RATED SHAFT WALL

B PARTITION TYPE 'B'-1 HR RATED
TYPICAL CORRIDOR WALL

A PARTITION TYPE 'A & A1'-1 HR RATED
TYPICAL GUESTROOM DEMISING WALL

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PARTITION ASSEMBLIES & WALL SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
T001

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

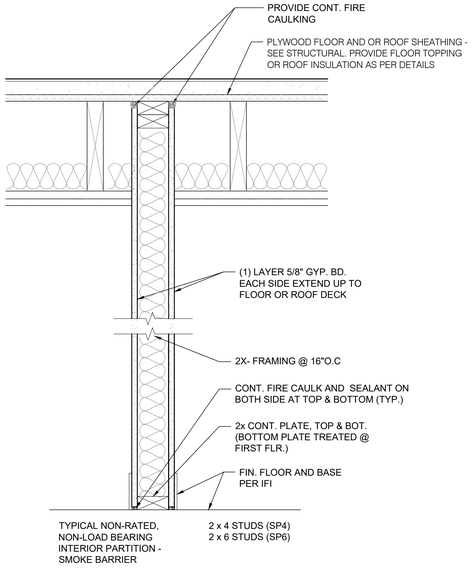
GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.

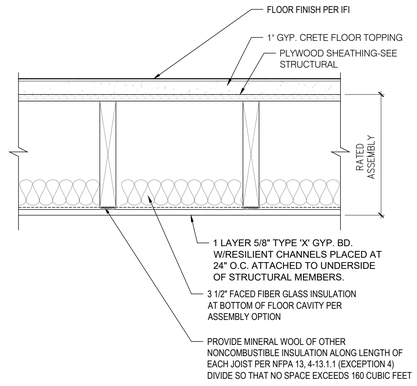
GENERAL NOTES:

1. REFER TO ACTUAL UL, ESR OR GA DETAIL FOR FULL RATED ASSEMBLY INFORMATION (ATTACHMENTS, ETC.). NOTIFY ARCHITECT IF YOU ARE UNABLE TO LOCATE FULL DETAIL.
2. THESE DETAILS GENERALLY ONLY INDICATED ASSEMBLY CONDITIONS. REFER TO WALL SECTIONS AND CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION AT SPECIFIC LOCATIONS.
3. PROVIDE SOUND BATT INSULATION IN ALL ASSEMBLIES SURROUNDING GUESTROOMS, MEETING ROOMS, POOL, FITNESS ROOM, RESTROOMS,AND OFFICES.
4. PROVIDE 5/8" TYPE 'X' GYP. BOARD AT RATED ASSEMBLIES AND 5/8" GYP. BOARD AT NON - RATED ASSEMBLIES EXCEPT: PROVIDE 1/2" CEMENT BOARD BEHIND TILES, 5/8" MOISTURE RESISTANT GYP. BOARD AT BATHROOMS, TOILETS, LOCKERS, FOOD SERVICE AND HOUSEKEEPING AREAS INCLUDING 5/8" CEMENT BOARD 12" HIGH BASE.
5. PROVIDE SEALANT AT BASE OF ALL GYP. BOARD PARTITIONS.
6. PROVIDE CONTROL JOINTS AT ALL WALLS EVENLY SPACED AT MAXIMUM 30' SPACING. WHERE DOORS OCCUR IN THE WALL ALIGN JOINT WITH EDGE OF DOOR FRAME.



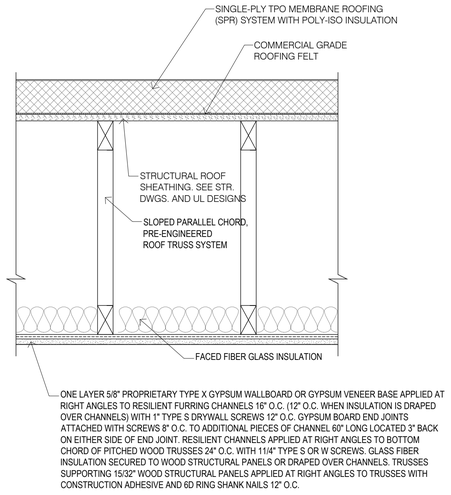
TYPICAL NON-RATED, NON-LOAD BEARING INTERIOR PARTITION - SMOKE BARRIER

2 x 4 STUDS (SP4)
2 x 6 STUDS (SP6)



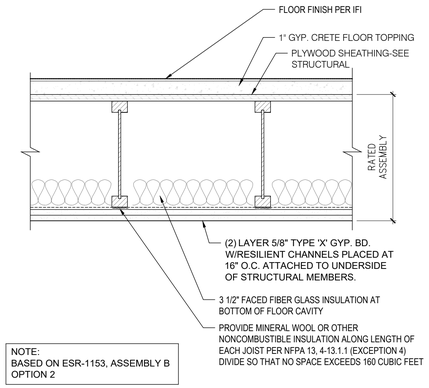
1-HR RATED FLOOR/CEILING ASSEMBLY AT CORRIDORS TYPICAL FLOOR

GA FILE NO.: FC 5109
STC RATING: 55-59



1-HR RATED ROOF/CEILING ASSEMBLY AT GUEST ROOMS

GA FILE NO. RC 2604



NOTE:
BASED ON ESR-1153, ASSEMBLY B OPTION 2

1-HR RATED FLOOR/CEILING ASSEMBLY AT GUEST ROOMS

ES REPORT NO.: ESR-1153
STC RATING: 58

SP PARTITION 'SP'- NON RATED - SMOKE BARRIER
TYPICAL INTERIOR SMOKE BARRIER

N HOR. ASSEMBLY 'N'-1 HR RATED
TYPICAL CORRIDOR/CEILING ASSEMBLY - TYPICAL FLOORS

M HOR. ASSEMBLY 'M'-1 HR RATED
TYPICAL ROOF/CEILING ASSEMBLY - GUEST ROOMS

L HOR. ASSEMBLY 'L'-1 HR RATED
TYPICAL FLOOR/CEILING ASSEMBLY - GUEST ROOMS

K BEAMS/COLUMNS TYPE 'K'-1 HR RATED
STEEL COLUMN AND BEAM PROTECTION

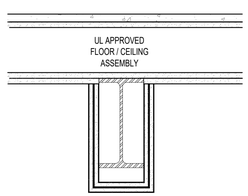
BASE LAYER 1/2" TYPE "X" GYPSUM WALLBOARD APPLIED AROUND MIN. TS TUBE STEEL COLUMN AND HELD IN PLACE WITH PAPER MASKING TAPE. SECOND LAYER 1/2" TYPE "X" GYPSUM WALLBOARD APPLIED AROUND COLUMN AND HELD IN PLACE WITH PAPER MASKING TAPE. FACE LAYER EITHER NO. 24 MSG GALVANIZED STEEL COLUMN COVER CONSISTING OF TWO-L SHAPED SECTIONS WITH SNAP LOCK SHEET STEEL JOINTS OR NO. 22 MSG GALVANIZED STEEL COLUMN COVERS CONSISTING OF TWO L-SHAPED SECTIONS WITH LAP JOINTS FASTENED WITH NO. 8X1/2" SHEET METAL SCREWS 12" O.C.

GYPSUM BOARD PROTECTION - COLUMNS



UL DESIGN NO: X526
GA FILE NO: CM 1450

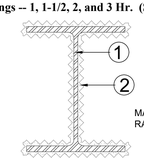
BASE LAYER $\frac{5}{8}$"PROPRIETARY TYPE "X" GYPSUM WALLBOARD APPLIED TO BEAM CAGE WITH 1"TYPE S-12 DRYWALL SCREWS 12"O.C. FACE LAYER $\frac{5}{8}$" PROPRIETARY TYPE "X" GYPSUM WALLBOARD APPLIED TO BEAM CAGE WITH 1-5/8" TYPE S-12 DRYWALL SCREWS 12" O.C., JOINTS OFFSET FROM BASE LAYER JOINTS.
BEAM CAGE FABRICATED FROM NO. 24 GAGE $\frac{5}{8}$"x 1-3/8" STEEL ANGLES SCREW ATTACHED TO STEEL JOISTS AT BEAM TOP FLANGE AND NO. 25 GAGE 2-1/2"STEEL RUNNERS HOOKED OVER BEAM LOWER FLANGE AND SUPPORTING 1-5/8"STEEL STUDS 24"O.C., MINIMUM BEAM SIZE W8x15.



UL DESIGN NO: L524
GA FILE NO: BM 1137

GYPSUM BOARD PROTECTION - BEAMS

Design No. N625
Ratings -- 1, 1-1/2, 2, and 3 Hr. (See Item 2)



MASTIC AND INTUMESCENT COATINGS FIRE RATING

1. STEEL BEAM — WIDE FLANGE STEEL BEAMS WITH THE MINIMUM SIZES SHOWN IN THE TABLES BELOW. BEAMS SHALL BE FREE OF DIRT, LOOSE SCALE AND OIL. BEAM SHALL BE PRIMED WITH 0.003 IN. DRY FILM THICKNESS OF MODIFIED ALKYD, EPOXY, ORGANIC ZINC OR INORGANIC ZINC BASED PRIMER.
2. MASTIC AND INTUMESCENT COATING* — COATING SPRAY, BRUSH OR TROWEL APPLIED DIRECTLY FROM CONTAINERS TO DESIRED THICKNESS. SEE TABLE BELOW FOR APPROPRIATE FINAL DRY THICKNESS. FLUTES ABOVE BEAM TO BE COMPLETELY FILLED WITH MINERAL WOOL INSULATION HAVING A MINIMUM DENSITY OF 6 LBS/FT 3 OR THE TOP FLANGE OF THE BEAM SHALL BE PROTECTED WITH THE SAME THICKNESS OF COATING AS REQUIRED ON THE BEAM.

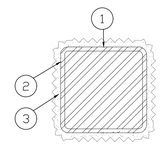
UNRESTRAINED BEAM RATINGS				
STEEL SIZE	W/D	1 HR	1.5 HR	2 HR
W10X26	0.70	0.074	0.113	NR
W16X36	0.70	0.074	0.113	NR
W18X35	0.67	0.074	0.118	NR
W18X50	0.88	0.074	0.093	0.223
W24X55	0.83	0.074	0.098	0.235

RESTRAINED BEAM RATINGS				
STEEL SIZE	W/D	1 HR	1.5 HR	2 HR
W10X26	0.70	0.074	0.074	0.100
W16X36	0.70	0.074	0.074	0.100
W18X35	0.67	0.074	0.074	0.103
W18X50	0.88	0.074	0.074	0.087
W24X55	0.83	0.074	0.074	0.090

NR: NOT RATED

CARBOLINE CO — TYPE FIREFILM SE. INVESTIGATED FOR INTERIOR GENERAL PURPOSE AND EXTERIOR USE.(SEE ITEM 3)
3. TOP COAT — FOR INTERIOR GENERAL PURPOSE TYPE TS 615 TOP-COAT APPLIED OVER THE BASE COAT AT 0.003 IN. THICKNESS. FOR EXTERIOR USE TYPE CARBOGUARD 1340 OR TYPE RUSTBOND PENETRATING SEALER FC INTERMEDIATE COAT APPLIED OVER THE BASE COAT AT 0.002 IN. THICKNESS AND TYPE CARBOTHANE 133HB OR TYPE CARBOTHANE 133VOC TOP-COAT OR CARBOTHANE 133MC TOP-COAT APPLIED OVER THE INTERMEDIATE COAT AT 0.003 IN. THICKNESS.

Design No. Y624
Ratings -- 1, 1-1/2, 2, and 3 Hr. (See Item 3)



1. STEEL TUBE COLUMN — STEEL RECTANGULAR TUBE (ST) OR PIPE (SP) COLUMNS WITH THE MINIMUM SIZES SHOWN IN THE TABLES BELOW.
2. PRIMER COATING — 50 MICRON (2 MIL) THICKNESS OF AN EPOXY PRIMER 100 MICRON (4 MIL) THICKNESS OF A MODIFIED ALKYD PRIMER OR 50 MICRON (2 MIL) OF AN ACRYLIC PRIMER.
3. MASTIC & INTUMESCENT COATING* — COATING SPRAY OR BRUSH APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AT THE MINIMUM AVERAGE DRY THICKNESS SHOWN IN THE THICKNESS BELOW. THE THICKNESS SHOWN DOES NOT INCLUDE PRIMER THICKNESS.

HSS RECTANGULAR STEEL TUBE COLUMN

(ST) TUBE SIZE	A/P	1 Hr in.	1.5 Hr in.	2 Hr in.
5 x 5 x 1/4	0.22	0.143	0.216	0.320
5 X 5 X 5/16	0.28	0.116	0.183	0.271
5 X 5 X 3/8	0.33	0.102	0.166	0.244
5 X 5 X 1/2	0.43	0.083	0.142	0.208

LEIGH'S PAINTS — FIRETEX FX5120 INVESTIGATED FOR INTERIOR CONDITIONED SPACE AND INTERIOR GENERAL PURPOSE
SHERWIN WILLIAMS CO — FIRETEX FX5120 INVESTIGATED FOR INTERIOR CONDITIONED SPACE AND INTERIOR GENERAL PURPOSE

UL DESIGN NO: Y624

MASTIC AND INTUMESCENT COATINGS FIRE RATING

S COLUMN TYPE 'L'-1 HR RATED
SPECIAL LOCATION COLUMN PROTECTION

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PARTITION ASSEMBLIES & WALL SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
T002

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.

GENERAL NOTES:

1. REFER TO ACTUAL UL, ESR OR GA DETAIL FOR FULL RATED ASSEMBLY INFORMATION (ATTACHMENTS, ETC.). NOTIFY ARCHITECT IF YOU ARE UNABLE TO LOCATE FULL DETAIL.
2. THESE DETAILS GENERALLY ONLY INDICATED ASSEMBLY CONDITIONS. REFER TO WALL SECTIONS AND CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION AT SPECIFIC LOCATIONS.
3. PROVIDE SOUND BATT INSULATION IN ALL ASSEMBLIES SURROUNDING GUESTROOMS, MEETING ROOMS, POOL, FITNESS ROOM, RESTROOMS,AND OFFICES.
4. PROVIDE 5/8" TYPE 'X' GYP. BOARD AT RATED ASSEMBLIES AND 5/8" GYP. BOARD AT NON - RATED ASSEMBLIES EXCEPT: PROVIDE 1/2" CEMENT BOARD BEHIND TILES, 5/8" MOISTURE RESISTANT GYP. BOARD AT BATHROOMS, TOILETS, LOCKERS, FOOD SERVICE AND HOUSEKEEPING AREAS INCLUDING 5/8" CEMENT BOARD 12" HIGH BASE.
5. PROVIDE SEALANT AT BASE OF ALL GYP. BOARD PARTITIONS.
6. PROVIDE CONTROL JOINTS AT ALL WALLS EVENLY SPACED AT MAXIMUM 30' SPACING. WHERE DOORS OCCUR IN THE WALL ALIGN JOINT WITH EDGE OF DOOR FRAME.

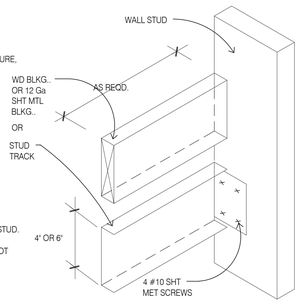
BACKING/BLOCKING SCHEDULE/NOTES:
1. PROVIDE BACKING/BLOCKING IN GYP. PARTITIONS FOR ALL WALL-HUNG ITEMS.

2. THESE ANCHORING DETAILS ARE SHOWN AS TYPICAL AND ARE NOT INTENDED TO BE ALL INCLUSIVE. PROVIDE WOOD OR STEEL BACKING IN PARTITIONS FOR WALL HUNG ITEMS, SUCH AS WALL CABINETS, BLDG ACCESS, BATHROOM ACCESS, SHELVING, DOOR HOLD-OPENS, & STOPS, ETC, INCLUDING NIC, BY OWNER, BY OWNER FUTURE, & RELOCATE EXITING ITEMS.

3. USE THE FOLLOWING ASSUMED LOADS TO DETERMINE BLKG. & FASTENER REQUIREMENTS UNLESS GREATER LOADS ARE KNOWN.
a. S DISP, PTC, TPH, MIRRORS, COAT HOOKS, BPG, TOWEL BAR & RING, MOP HOLDER, ASH URN, ETC-USE 100lbs MOP HOLDER, ASH URN ETC - USE 100 LB.
b. HANDRAIL, BUMPER RAILS - USE 200 LB CONCENTRATED LOAD.
c. GRAB BARS - USE 250 LB CONCENTRATED LOAD.
d. WALL CABINETS - USE WEIGHT OF CABINET PLUS 100LB PER FOOT OF SHELF.
e. COUNTERTOPS- USE WEIGHT OF COUNTER TOP PLUS 55 LB PER FOOT OF COUNTER
f. 12" ADJ SHELVES - USE 40 LB PER BRKT
g. 18" ADJ SHELVES - USE 55 LB PER BRKT
h. 24" ADJ SHELVES - USE 83 LB PER BRKT

LOADING TABLE NOTES:
1. SEE TABLE 1 BELOW FOR SIZE OF WOOD BLKG., QUANTITY AND SIZE OF SCREWS FOR CONNECTION TO EACH STUD.

2. SEE TABLE 2 OR 3 BELOW FOR QUANTITY AND SIZE OF SCREWS FOR CONNECTION OF WALL HUNG ITEMS, IF NOT ALREADY PROVIDED BY MFR OF WALL HUNG ITEM.



ISOMETRIC DETAIL

TABLE 1

MAXIMUM ALLOWABLE LOAD-IN POUNDS				
WOOD SCREW		LENGTH OF WALL HUNG ITEM		
QUAN.	SIZE	1'-4" OR LESS	2'-8" OR LESS	2'-9" OR MORE
2x4 WOOD BLOCKING				
2	#6	160	320	480
2	#8	240	480	700
2	#10	320	640	700
2x6 WOOD BLOCKING				
3	#6	240	480	700
3	#8	360	700	700
3	#10	480	700	700

LOADS BASED ON GROUP II WOOD SPECIES & SCREWS EMBEDDED IN WOOD A MIN OF 7 TIMES THE SCREW DIA. WITH SCREWS INSERTED IN SIDE GRAIN ON ONE SIDE & SIDE GRAIN ON OPPOSITE END.

TABLE 3

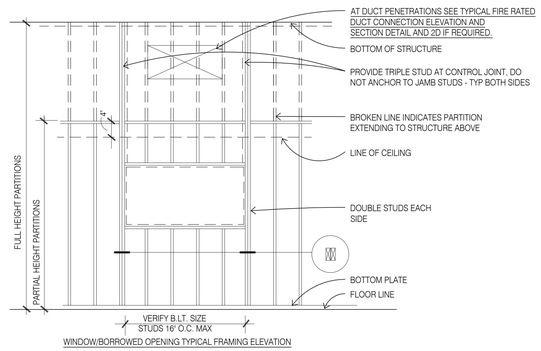
MAXIMUM ALLOWABLE LOAD-IN POUNDS				
SCREW SIZE	QUANTITY OF SCREWS			
	2	3	4	5
#6-S12	224	336	448	560
#8-18	236	354	472	590
#10-16	272	438	584	700
#12-14	288	438	576	700

LOADS BASED ON PUBLISHED DATA FOR MILCOR TITELOCK SCREWS WITH 20 GA GALV STEEL BACKING AND LIMITING CRITERIA BEING PULLOUT STRENGTH

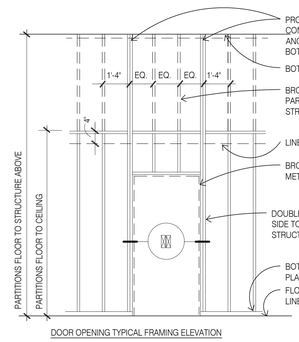
TABLE 2

MAXIMUM ALLOWABLE LOAD-IN POUNDS				
SCREW SIZE	QUANTITY OF SCREWS			
	2	3	4	5
#6	150	225	300	375
#8	212	318	424	530
#10	286	429	572	700
#12	370	555	700	700

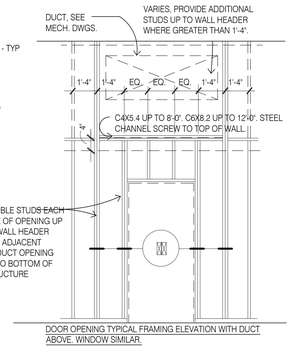
LOADS BASED ON GROUP II WOOD SPECIES & SCREWS EMBEDDED IN WOOD A MIN OF 7 TIMES THE SCREW DIA. WITH SCREWS INSERTED IN SIDE GRAIN.



WINDOW/BORROWED OPENING TYPICAL FRAMING ELEVATION



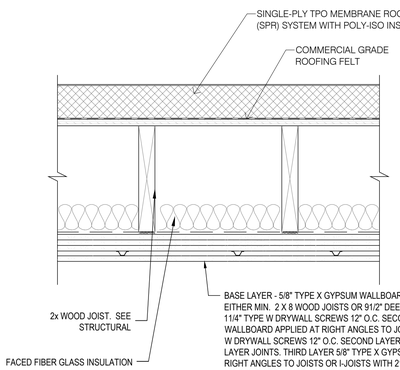
DOOR OPENING TYPICAL FRAMING ELEVATION



DOOR OPENING TYPICAL FRAMING ELEVATION WITH DUCT ABOVE. WINDOW SIMILAR.

FRAMING NOTE. SEE ALSO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

U BLOCKING DETAILS



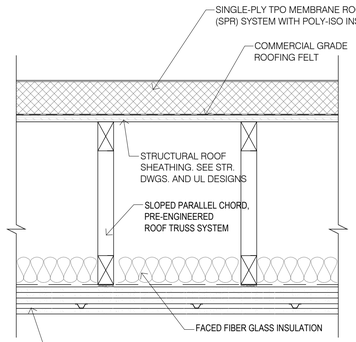
BASE LAYER - 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO EITHER MIN. 2 X 8 WOOD JOISTS OR 91/2" DEEP WOOD I-JOISTS 24" O.C. WITH 11/4" TYPE W DRYWALL SCREWS 12" O.C. SECOND LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO JOISTS OR I-JOISTS WITH 2" TYPE W DRYWALL SCREWS 12" O.C. SECOND LAYER JOINTS OFFSET 24" FROM BASE LAYER JOINTS. THIRD LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO JOISTS OR I-JOISTS WITH 21/2" TYPE W DRYWALL SCREWS 12" O.C. THIRD LAYER JOINTS OFFSET 12" FROM SECOND LAYER JOINTS. HAT-SHAPED RIGID FURRING CHANNELS 24" O.C. APPLIED AT RIGHT ANGLES TO JOISTS OR I-JOISTS OVER THIRD LAYER WITH TWO 21/2" LONG TYPE W DRYWALL SCREWS AT EACH JOIST OR I-JOIST.

FACE LAYER - 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO FURRING CHANNELS WITH 11/8" TYPE S DRYWALL SCREWS 12" O.C. WOOD JOISTS OR I-JOISTS SUPPORTING 3/4" T & G EDGE PLYWOOD APPLIED AT RIGHT ANGLES TO JOISTS OR I-JOISTS WITH 8D NAILS 6" O.C. AT JOINTS AND 12" AT INTERMEDIATE JOISTS OR I-JOISTS. APPROPRIATE ROOF COVERING. CEILING OROVIDES TWO-HOUR FIRE-RESISTANCE PROTECTION FOR WOOD FRAMING.

2-HR RATED ROOF/CEILING ASSEMBLY AT ELEVATOR SHAFT

GA FILE NO: RC 2750

R HOR. ASSEMBLY 'R'-2 HR RATED
ELEVATOR SHAFT ROOF/CEILING ASSEMBLY



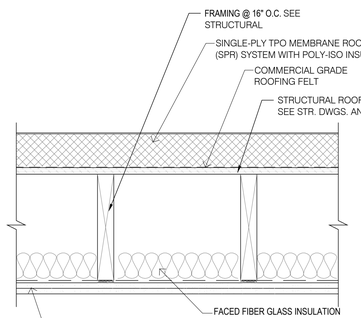
BASE LAYER - 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO WOOD ROOF TRUSSES 24" WITH 11/4" TYPE W DRYWALL SCREWS 12" O.C. SECOND LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO TRUSSES WITH 2" TYPE W DRYWALL SCREWS 12" O.C. SECOND LAYER JOINTS OFFSET 24" FROM BASE LAYER JOINTS. THIRD LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO TRUSSES WITH 21/2" TYPE W DRYWALL SCREWS 12" O.C. THIRD LAYER JOINTS OFFSET 12" FROM SECOND LAYER JOINTS. HAT-SHAPED RIGID FURRING CHANNELS 24" O.C. APPLIED AT RIGHT ANGLES TO TRUSSES OVER THIRD LAYER WITH TWO 21/2" LONG TYPE W DRYWALL SCREWS AT EACH TRUSS.

FACE LAYER - 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO FURRING CHANNELS WITH 11/8" TYPE S DRYWALL SCREWS 12" O.C. WOOD TRUSSES SUPPORTING 3/4" T & G EDGE WOOD STRUCTURAL PANELS APPLIED AT RIGHT ANGLES TO TRUSSES WITH 8D NAILS 6" O.C. AT JOINTS AND 12" AT INTERMEDIATE I-JOISTS. APPROPRIATE ROOF COVERING. CEILING PROVIDES TWO-HOUR FIRE-RESISTANCE PROTECTION FOR WOOD FRAMING.

2-HR RATED ROOF/CEILING ASSEMBLY AT STAIRCASE

GA FILE NO: RC 2751

Q HOR. ASSEMBLY 'Q'-2 HR RATED
STAIRCASE ROOF/CEILING ASSEMBLY



BASE LAYER - 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO 2X10 WOOD JOISTS 24" WITH 11/4" TYPE W OR S DRYWALL SCREWS 24" O.C.

FACE LAYER - 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO JOISTS WITH 17/8" TYPE W OR S DRYWALL SCREWS 12" O.C. AT JOINTS AND INTERMEDIATE JOISTS AND 11/2" TYPE G DRYWALL SCREWS 12" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS. WOOD JOISTS SUPPORTING 1/2" PLYWOOD WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO JOISTS WITH 8D NAILS. APPROPRIATE ROOF COVERING. CEILING PROVIDES ONE HOUR FIRE RESISTANCE PROTECTION FOR FRAMING, INCLUDING TRUSSES.

1-HR RATED ROOF/CEILING ASSEMBLY AT CORRIDOR

GA FILE NO.: RC 2601

P HOR. ASSEMBLY 'P'-1 HR RATED
TYPICAL CORRIDOR/CEILING ASSEMBLY - ROOF

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-8016

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PARTITION ASSEMBLIES & WALL SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
T003

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

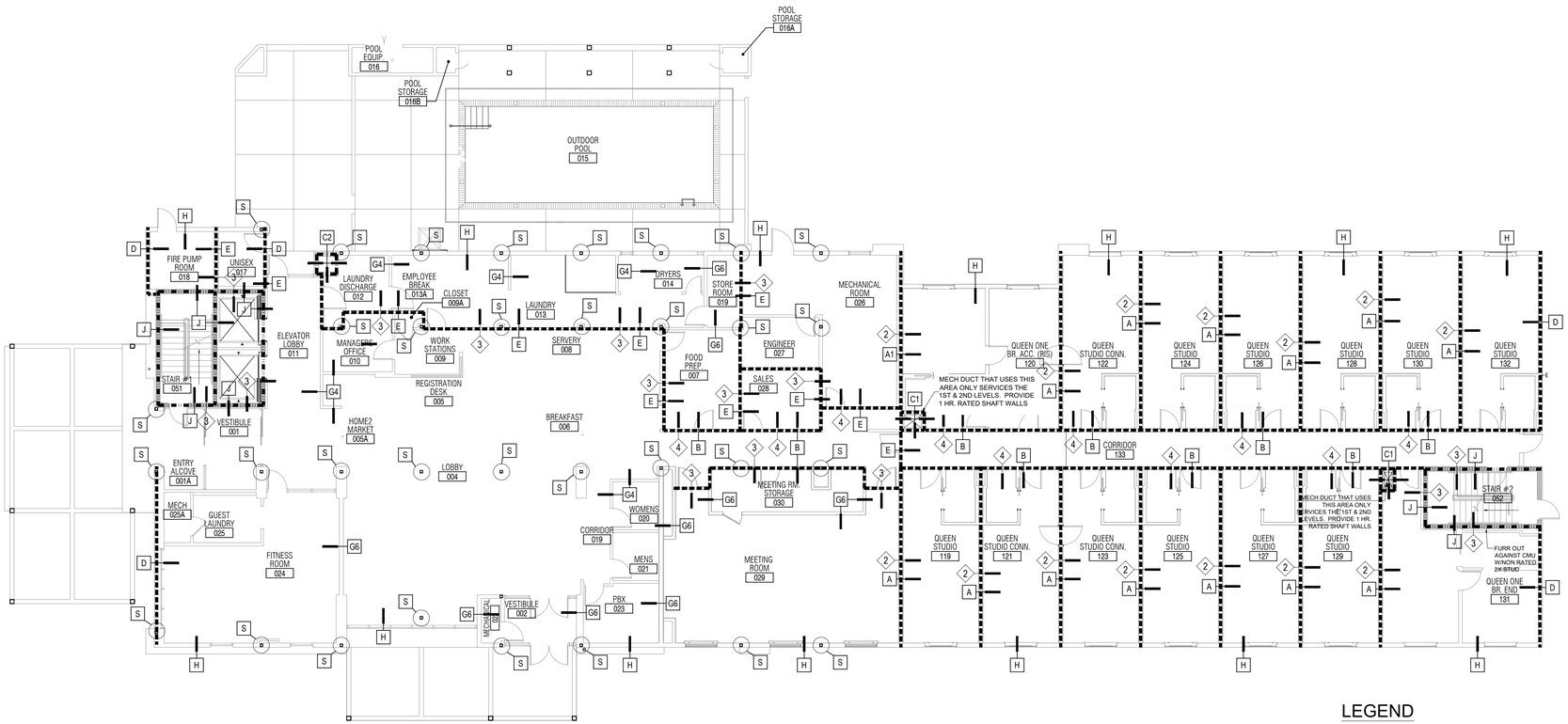
NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.



1 T004 FIRST FLOOR PARTITION TYPES
SCALE: 3/32" : 1'-0"

LEGEND

WALL RATING LEGEND	
	2-HOUR RATED WALLS
	1-HOUR RATED WALLS
	SMOKE PARTITION
	0-HOUR RATED WALL

RATED WALL NOTES

1. SEE LARGE SCALE GUESTROOM PLANS FOR PARTITION TYPES WITHIN GUESTROOMS
2. ALL OTHER WALLS NOT LABELED ARE TYPE G4 OR G6 (2X4 STUDS OR 2X6 AT PLUMBING WALLS)

ACOUSTICAL TABLE

TYPE		STC	IIC
1	FLOOR/CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT/CHASE WALLS BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATOR, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

SYMBOLS

A — FIRE RATING PARTITIONS SEE WALL SCHEDULE

2 — ACOUSTICAL PARTITION SHEETS T004 TO T007

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
1ST FLOOR WALL RATING & PARTITION TYPE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
T004

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

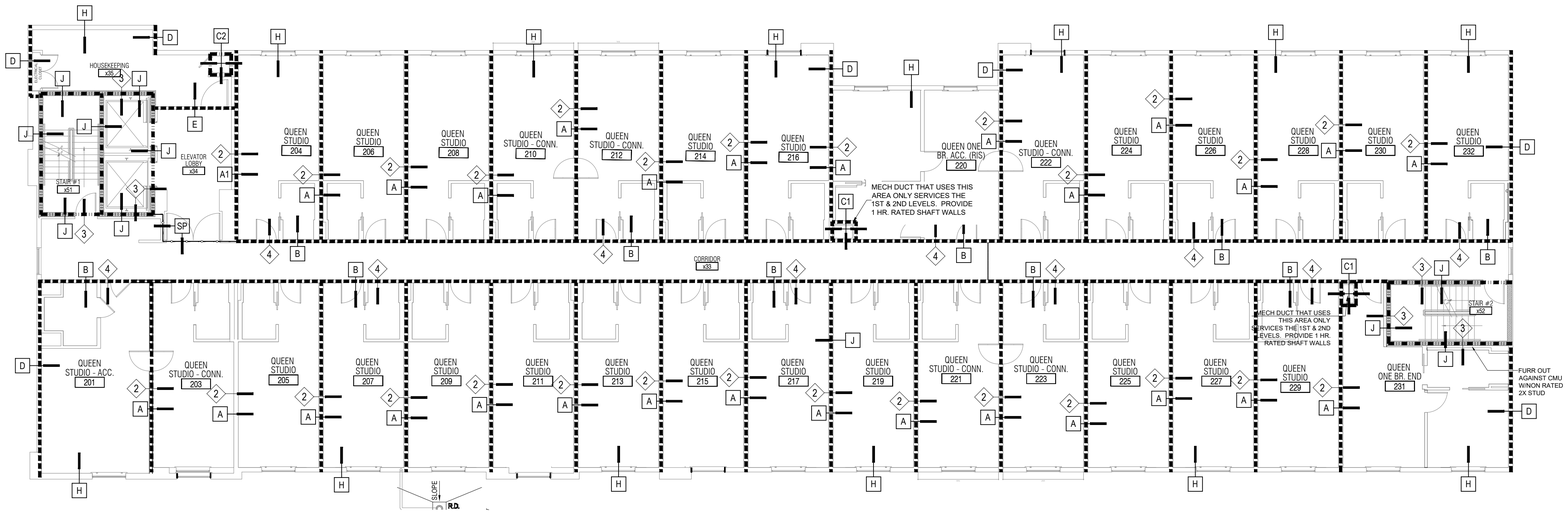
NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.



1 T005 SECOND FLOOR PARTITION TYPES

SCALE: 3/32" : 1'-0"

LEGEND

WALL RATING LEGEND	
	2-HOUR RATED WALLS
	1-HOUR RATED WALLS
	SMOKE PARTITION
	0-HOUR RATED WALL

RATED WALL NOTES

1. SEE LARGE SCALE GUESTROOM PLANS FOR PARTITION TYPES WITHIN GUESTROOMS
2. ALL OTHER WALLS NOT LABELED ARE TYPE G4 OR G6 (2X4 STUDS OR 2X6 AT PLUMBING WALLS)

ACOUSTICAL TABLE

TYPE		STC	IIC
1	FLOOR/CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT/CHASE WALLS BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATOR, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

SYMBOLS

A — FIRE RATING PARTITIONS SEE WALL SCHEDULE

2 — ACOUSTICAL PARTITION SHEETS T004 TO T007

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
2ND FLOOR WALL RATING & PARTITION TYPE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

T005

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

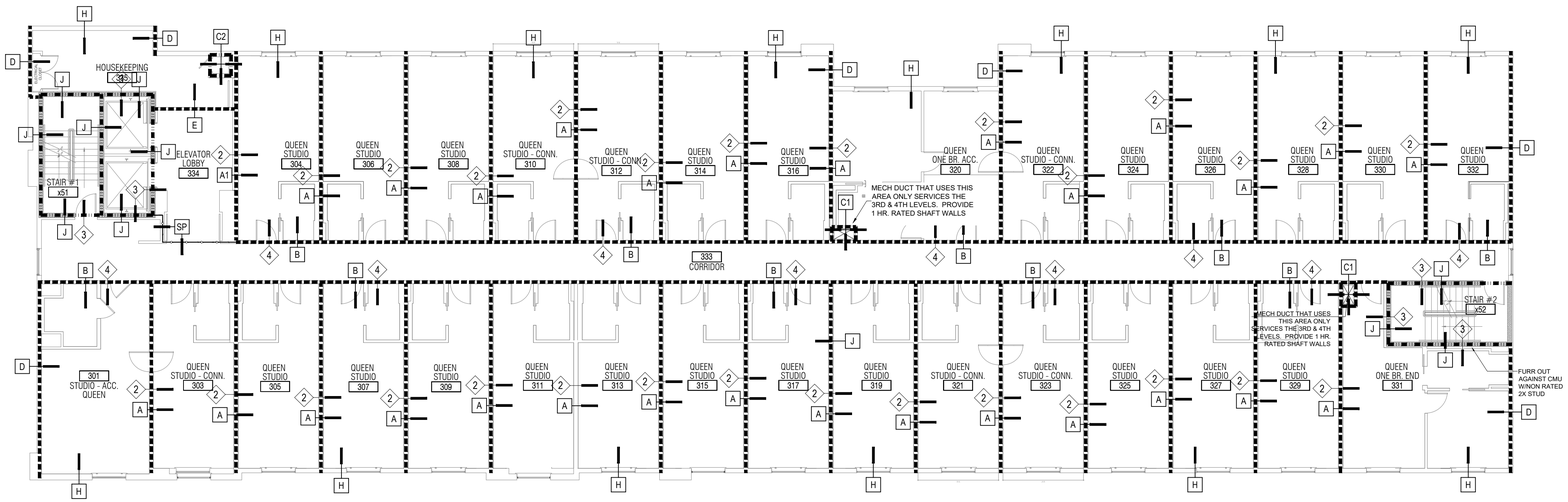
NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.



1 T006 THIRD FLOOR PARTITION TYPES

SCALE: 3/32" : 1'-0"

ACOUSTICAL TABLE			
TYPE		STC	IIC
1	FLOOR/CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT/CHASE WALLS BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATOR, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

LEGEND

WALL RATING LEGEND	
	2-HOUR RATED WALLS
	1-HOUR RATED WALLS
	SMOKE PARTITION
	0-HOUR RATED WALL

RATED WALL NOTES

1. SEE LARGE SCALE GUESTROOM PLANS FOR PARTITION TYPES WITHIN GUESTROOMS
2. ALL OTHER WALLS NOT LABELED ARE TYPE G4 OR G6 (2X4 STUDS OR 2X6 AT PLUMBING WALLS)

SYMBOLS

A — FIRE RATING PARTITIONS SEE WALL SCHEDULE

2 — ACOUSTICAL PARTITION SHEETS T004 TO T007

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
3RD FLOOR WALL RATING & PARTITION TYPE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
T006

COORDINATION AND VERIFICATION NOTES:
THE DESIGN TEAM RECOMMENDS THAT SPECIFIC MEETINGS BE HELD TO DISCUSS THE FOLLOWING SUBJECTS WELL IN ADVANCE OF THESE ASPECTS OF CONSTRUCTION COMMENCING. THESE ITEMS WILL REQUIRE COORDINATION AMONG VARIOUS TRADES AND EXTRA AMOUNT OF FIELD COORDINATION. THE ITEMS INCLUDE BUT NOT LIMITED TO:

1. GUEST ROOM EXHAUST VENTING
2. COMMERCIAL LAUNDRY VENTING
3. GUEST LAUNDRY VENTING
4. HVAC COMPRESSOR AND UNIT LOCATIONS/SUPPORT
5. AHU UNIT LOCATION AND VERIFICATION OF AVAILABLE SPACE TO INSTALL THE EQUIPMENT
6. VERIFICATION OF CLEAR SPACE AVAILABLE FOR HVAC DUCTS, DIFFUSERS, DAMPERS AND OTHER UTILITIES IN THE CLEAR SPACE BELOW THE BEAM AND DROP CEILING
7. POOL COORDINATION WITH PLUMBING AND GAS SERVICE
8. ROOF PARAPETS, SCUPPERS AND DOWNSPOUTS

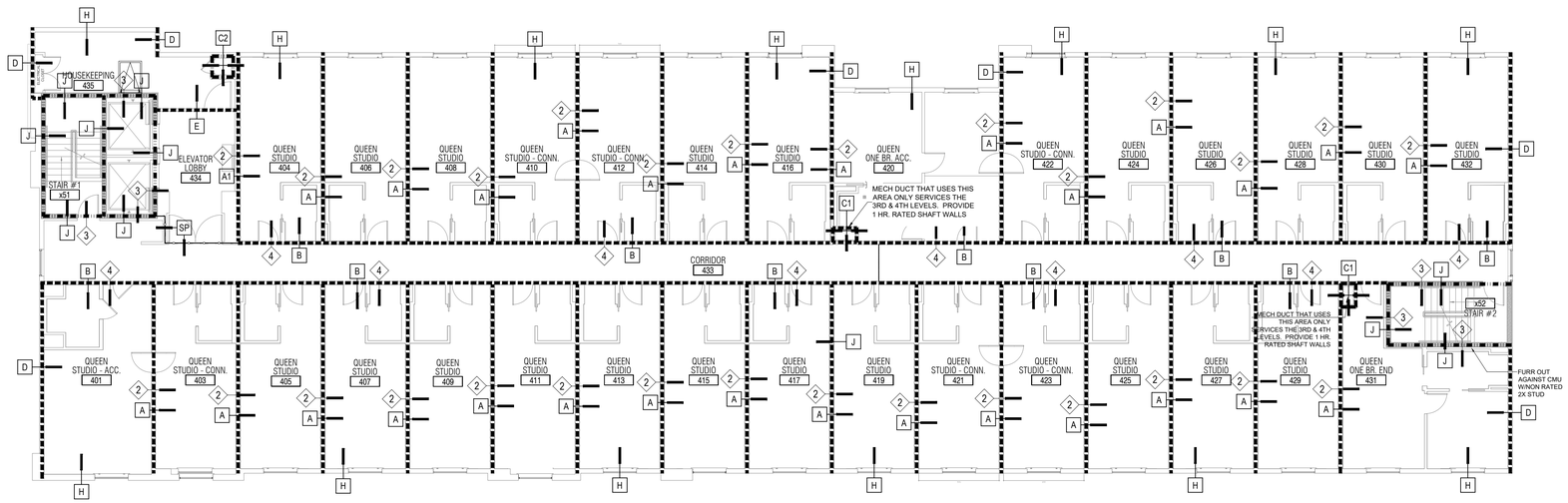
NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADES' DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION ARE REQUIRED.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

GC AND SUB SHOULD REVIEW AND REFER ALL FRANCHISE SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGE FOR COMPLETE PRICING. NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF REVIEWING OF THE REQUIREMENTS BY FRANCHISE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

CONSTRUCTION SET NOTES:
THESE PLAN ARE NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. BRAND PROVIDED SPECIFICATIONS, BRAND STANDARDS AND INTERIOR DESIGN PACKAGES SHOULD ALSO BE REVIEWED PRIOR TO PRICING, ORDERING AND CONSTRUCTION.



1 T007 FOURTH FLOOR PARTITION TYPES

SCALE: 3/32" : 1'-0"

ACOUSTICAL TABLE

TYPE		STC	IIC
1	FLOOR/CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT/CHASE WALLS BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATOR, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

LEGEND

WALL RATING LEGEND	
	2-HOUR RATED WALLS
	1-HOUR RATED WALLS
	SMOKE PARTITION
	0-HOUR RATED WALL

RATED WALL NOTES

1. SEE LARGE SCALE GUESTROOM PLANS FOR PARTITION TYPES WITHIN GUESTROOMS
2. ALL OTHER WALLS NOT LABELED ARE TYPE G4 OR G6 (2X4 STUDS OR 2X6 AT PLUMBING WALLS)

SYMBOLS

A — FIRE RATING PARTITIONS SEE WALL SCHEDULE

2 — ACOUSTICAL PARTITION SHEETS T004 TO T007

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

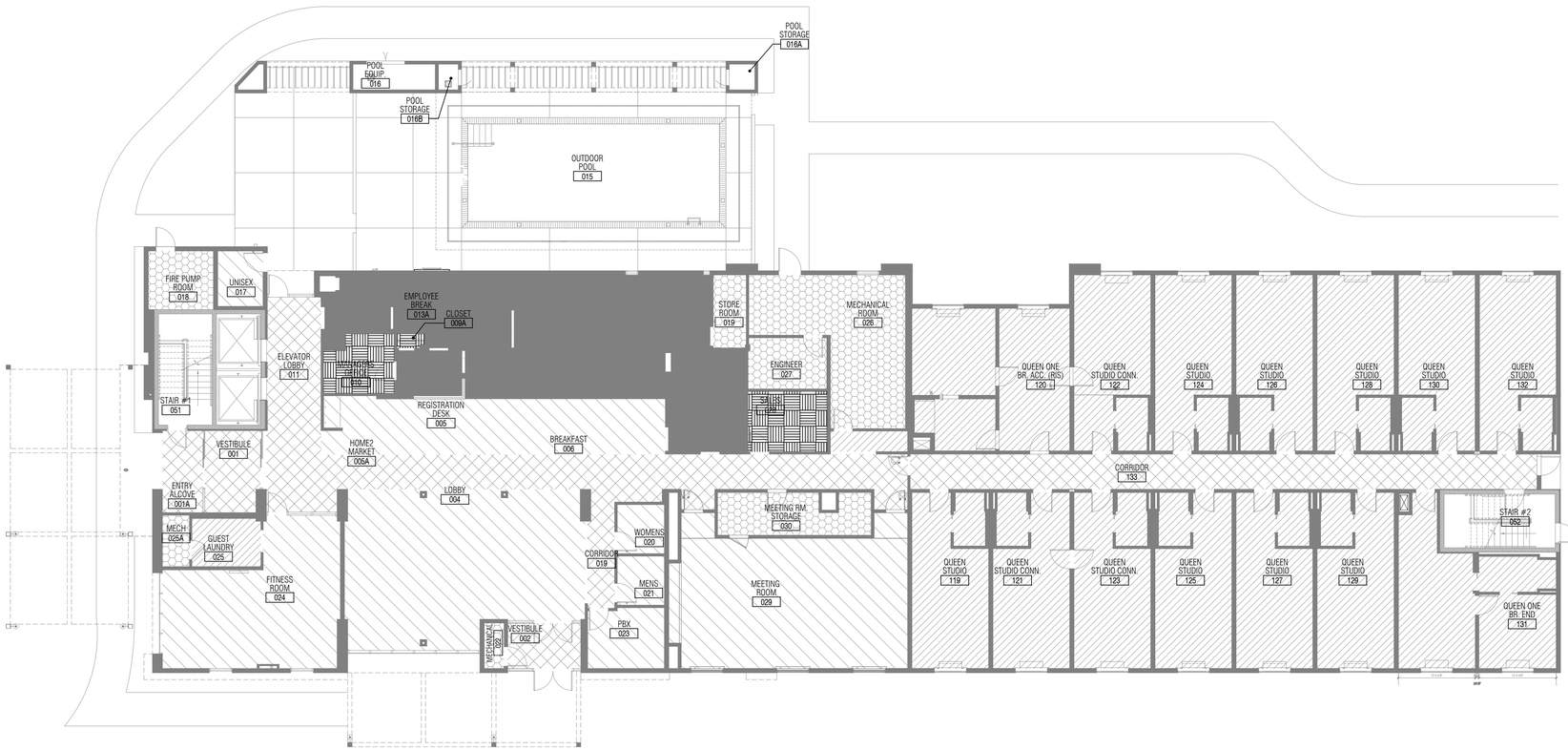
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
4TH FLOOR WALL RATING & PARTITION TYPE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
T007



1 / 004 FIRST FLOOR AREA PLAN

SCALE: 3/32" : 1'-0"

LEGEND

AREA LEGEND	
	GUEST ROOM AREA
	CORRIDOR AREA
	ADMINSTRATION AREA
	BACK OF THE HOUSE AREA
	PUBLIC AREA
	UTILITY AREA

AREA: 104 ROOM	UNIT	SF	HOTEL PROGRAM
GROSS AREA:			
GROUND LEVEL	1	13,702	13,702
UPPER LEVELS	3	13,858	41,574
TOTAL GROSS AREA			**55,276**
GUEST ROOMS			
QUEEN STUDIO	72	322	23,184
QUEEN ONE BEDROOM	4	478	1,912
QUEEN STUDIO ACCESSIBLE	3	432	1,296
QUEEN ONE BEDROOM ACCESSIBLE	4	520	2,080
QUEEN STUDIO CONNECTING	21	330	6,930
SUBTOTAL GUEST ROOM	**104**		**35,402**
GUEST ROOM SUPPORT			
GROUND LEVEL CORRIDOR	1	1,278	1,278
UPPER LEVEL CORRIDORS	3	1,203	3,609
MECHANICAL ROOM	1	410	410
MECHANICAL ROOM @ GUEST LAUNDRY	1	34	34
MECHANICAL ROOM @ RIGHT VESTIBULE	1	22	22
HOUSEKEEPING (UPPER FLOORS)	3	245	735
ICE/VENDING (UPPER FLOORS)	3	56	168
STAIRS	6	146	876
ELEVATOR	3	121	363
ELEVATOR LOBBY (UPPER FLOORS)	1	198	198
SUBTOTAL GUEST ROOM SUPPORT			**7,693**
PUBLIC SPACE:			
ENTRY VESTIBULE-1	1	108	108
ENTRY VESTIBULE-2	1	80	80
MEETING ROOM	1	786	786
MEETING ROOM STORAGE	1	150	150
LOBBY	1	860	860
BREAKFAST SERVING COUNTER	1	236	236
BREAKFAST	1	199	199
ICE	1	37	37
GUEST LAUNDRY	1	80	80
WOMEN'S RESTROOM	1	56	56
MEN'S RESTROOM	1	56	56
SUBTOTAL PUBLIC SPACE			**2,648**
PUBLIC SUPPORT:			
REGISTRATION DESK	1	191	191
MANAGER'S OFFICE AND CLOSET	1	102	102
SALES OFFICE	1	115	115
ENGINEER	1	98	98
EMPLOYEE WORK STATION	1	72	72
PBX ROOM	1	112	112
FOOD PREP.	1	184	184
LAUNDRY ROOM + DRYERS	1	346	346
LAUNDRY DISCHARGE ROOM	1	91	91
FIRE PUMP ROOM	1	93	93
UNISEX	1	61	61
MAIN MECHANICAL ROOM	1	359	359
EMPLOYEE BREAK ROOM	1	197	197
STORE ROOM	1	59	59
HOME2 MARKET	1	76	76
ELEVATOR LOBBY (LOWER FLOOR)	1	177	177
ENTRY ALCOVE	1	80	80
SUBTOTAL PUBLIC SUPPORT			**2,120**
RECREATIONAL FACILITIES:			
FITNESS	1	524	524
SUBTOTAL RECREATIONAL			**524**
TOTALS			
WALL SQUARE FOOTAGE			**6,889**
TOTAL USEABLE SQUARE FOOTAGE			**48,387**
TOTAL FLOOR AREA			**55,276**

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

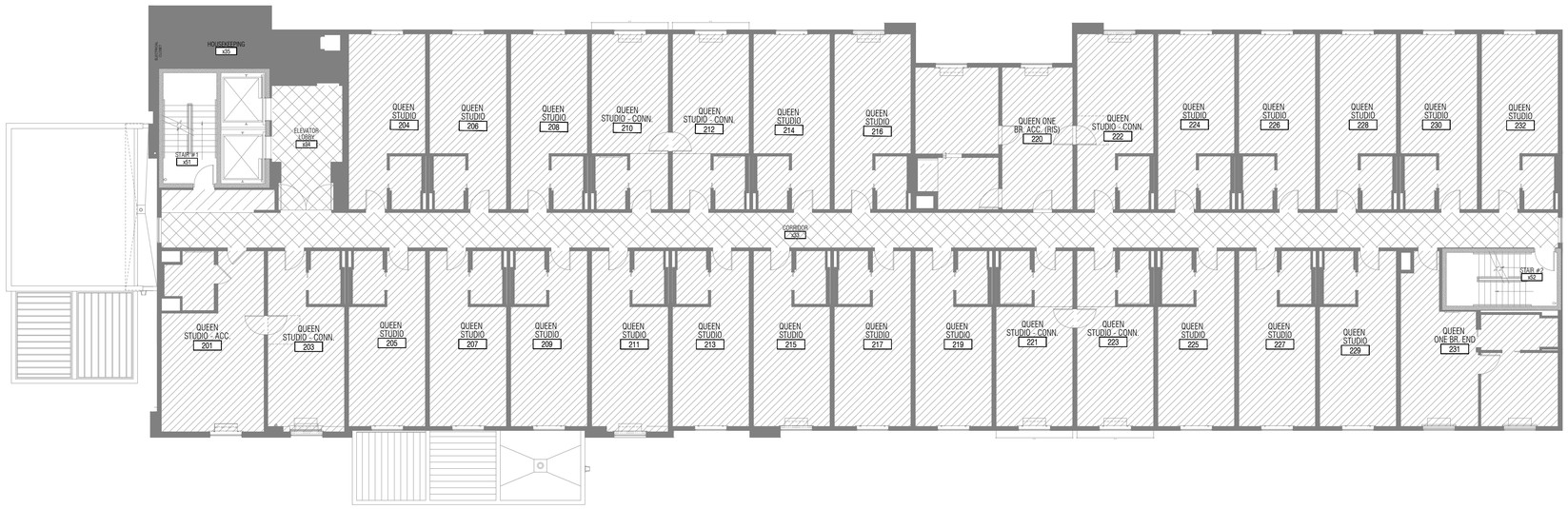
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST FLOOR AREA PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
004



1
005
SECOND FLOOR AREA PLAN
SCALE: 3/32" : 1'-0"

LEGEND

AREA LEGEND	
	GUEST ROOM AREA
	CORRIDOR AREA
	ADMINSTRATION AREA
	BACK OF THE HOUSE AREA
	PUBLIC AREA
	UTILITY AREA

AREA: 104 ROOM	UNIT	SF	HOTEL PROGRAM
GROSS AREA:			
GROUND LEVEL	1	13,702	13,702
UPPER LEVELS	3	13,858	41,574
TOTAL GROSS AREA			**55,276**
GUEST ROOMS			
QUEEN STUDIO	72	322	23,184
QUEEN ONE BEDROOM	4	478	1,912
QUEEN STUDIO ACCESSIBLE	3	432	1,296
QUEEN ONE BEDROOM ACCESSIBLE	4	520	2,080
QUEEN STUDIO CONNECTING	21	330	6,930
SUBTOTAL GUEST ROOM	**104**		**35,402**
GUEST ROOM SUPPORT			
GROUND LEVEL CORRIDOR	1	1,278	1,278
UPPER LEVEL CORRIDORS	3	1,203	3,609
MECHANICAL ROOM	1	410	410
MECHANICAL ROOM @ GUEST LAUNDRY	1	34	34
MECHANICAL ROOM @ RIGHT VESTIBULE	1	22	22
HOUSEKEEPING (UPPER FLOORS)	3	245	735
ICE/VENDING (UPPER FLOORS)	3	56	168
STAIRS	6	146	876
ELEVATOR	3	121	363
ELEVATOR LOBBY (UPPER FLOORS)	1	198	198
SUBTOTAL GUEST ROOM SUPPORT			**7,693**
PUBLIC SPACE:			
ENTRY VESTIBULE-1	1	108	108
ENTRY VESTIBULE-2	1	80	80
MEETING ROOM	1	786	786
MEETING ROOM STORAGE	1	150	150
LOBBY	1	860	860
BREAKFAST SERVING COUNTER	1	236	236
BREAKFAST	1	199	199
ICE	1	37	37
GUEST LAUNDRY	1	80	80
WOMEN'S RESTROOM	1	56	56
MEN'S RESTROOM	1	56	56
SUBTOTAL PUBLIC SPACE			**2,648**
PUBLIC SUPPORT:			
REGISTRATION DESK	1	191	191
MANAGER'S OFFICE AND CLOSET	1	102	102
SALES OFFICE	1	115	115
ENGINEER	1	98	98
EMPLOYEE WORK STATION	1	72	72
PBX ROOM	1	112	112
FOOD PREP.	1	184	184
LAUNDRY ROOM + DRYERS	1	346	346
LAUNDRY DISCHARGE ROOM	1	91	91
FIRE PUMP ROOM	1	93	93
UNISEX	1	61	61
MAIN MECHANICAL ROOM	1	359	359
EMPLOYEE BREAK ROOM	1	197	197
STORE ROOM	1	59	59
HOME2 MARKET	1	76	76
ELEVATOR LOBBY (LOWER FLOOR)	1	177	177
ENTRY ALCOVE	1	80	80
SUBTOTAL PUBLIC SUPPORT			**2,120**
RECREATIONAL FACILITIES:			
FITNESS	1	524	524
SUBTOTAL RECREATIONAL			**524**
TOTALS			
WALL SQUARE FOOTAGE			**6,889**
TOTAL USEABLE SQUARE FOOTAGE			**48,387**
TOTAL FLOOR AREA			**55,276**

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

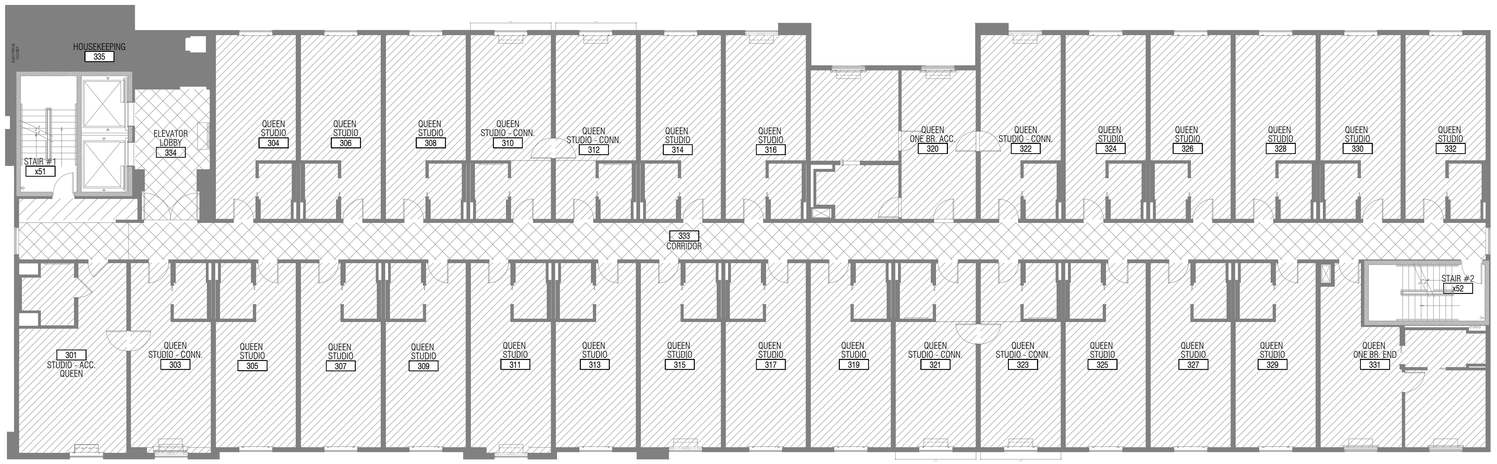
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SECOND FLOOR AREA PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
005



1
006
THIRD FLOOR AREA PLAN
SCALE: 3/32" : 1'-0"

LEGEND

AREA LEGEND	
	GUEST ROOM AREA
	CORRIDOR AREA
	ADMINSTRATION AREA
	BACK OF THE HOUSE AREA
	PUBLIC AREA
	UTILITY AREA

AREA: 104 ROOM	UNIT	SF	HOTEL PROGRAM
GROSS AREA:			
GROUND LEVEL	1	13,702	13,702
UPPER LEVELS	3	13,858	41,574
TOTAL GROSS AREA			**55,276**
GUEST ROOMS			
QUEEN STUDIO	72	322	23,184
QUEEN ONE BEDROOM	4	478	1,912
QUEEN STUDIO ACCESSIBLE	3	432	1,296
QUEEN ONE BEDROOM ACCESSIBLE	4	520	2,080
QUEEN STUDIO CONNECTING	21	330	6,930
SUBTOTAL GUEST ROOM	**104**		**35,402**
GUEST ROOM SUPPORT			
GROUND LEVEL CORRIDOR	1	1,278	1,278
UPPER LEVEL CORRIDORS	3	1,203	3,609
MECHANICAL ROOM	1	410	410
MECHANICAL ROOM @ GUEST LAUNDRY	1	34	34
MECHANICAL ROOM @ RIGHT VESTIBULE	1	22	22
HOUSEKEEPING (UPPER FLOORS)	3	245	735
ICE/VENDING (UPPER FLOORS)	3	56	168
STAIRS	6	146	876
ELEVATOR	3	121	363
ELEVATOR LOBBY (UPPER FLOORS)	1	198	198
SUBTOTAL GUEST ROOM SUPPORT			**7,693**
PUBLIC SPACE:			
ENTRY VESTIBULE-1	1	108	108
ENTRY VESTIBULE-2	1	80	80
MEETING ROOM	1	786	786
MEETING ROOM STORAGE	1	150	150
LOBBY	1	860	860
BREAKFAST SERVING COUNTER	1	236	236
BREAKFAST	1	199	199
ICE	1	37	37
GUEST LAUNDRY	1	80	80
WOMEN'S RESTROOM	1	56	56
MEN'S RESTROOM	1	56	56
SUBTOTAL PUBLIC SPACE			**2,648**
PUBLIC SUPPORT:			
REGISTRATION DESK	1	191	191
MANAGER'S OFFICE AND CLOSET	1	102	102
SALES OFFICE	1	115	115
ENGINEER	1	98	98
EMPLOYEE WORK STATION	1	72	72
PBX ROOM	1	112	112
FOOD PREP.	1	184	184
LAUNDRY ROOM + DRYERS	1	346	346
LAUNDRY DISCHARGE ROOM	1	91	91
FIRE PUMP ROOM	1	93	93
UNISEX	1	61	61
MAIN MECHANICAL ROOM	1	359	359
EMPLOYEE BREAK ROOM	1	197	197
STORE ROOM	1	59	59
HOME2 MARKET	1	76	76
ELEVATOR LOBBY (LOWER FLOOR)	1	177	177
ENTRY ALCOVE	1	80	80
SUBTOTAL PUBLIC SUPPORT			**2,120**
RECREATIONAL FACILITIES:			
FITNESS	1	524	524
SUBTOTAL RECREATIONAL			**524**
TOTALS			
WALL SQUARE FOOTAGE			**6,889**
TOTAL USEABLE SQUARE FOOTAGE			**48,387**
TOTAL FLOOR AREA			**55,276**

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

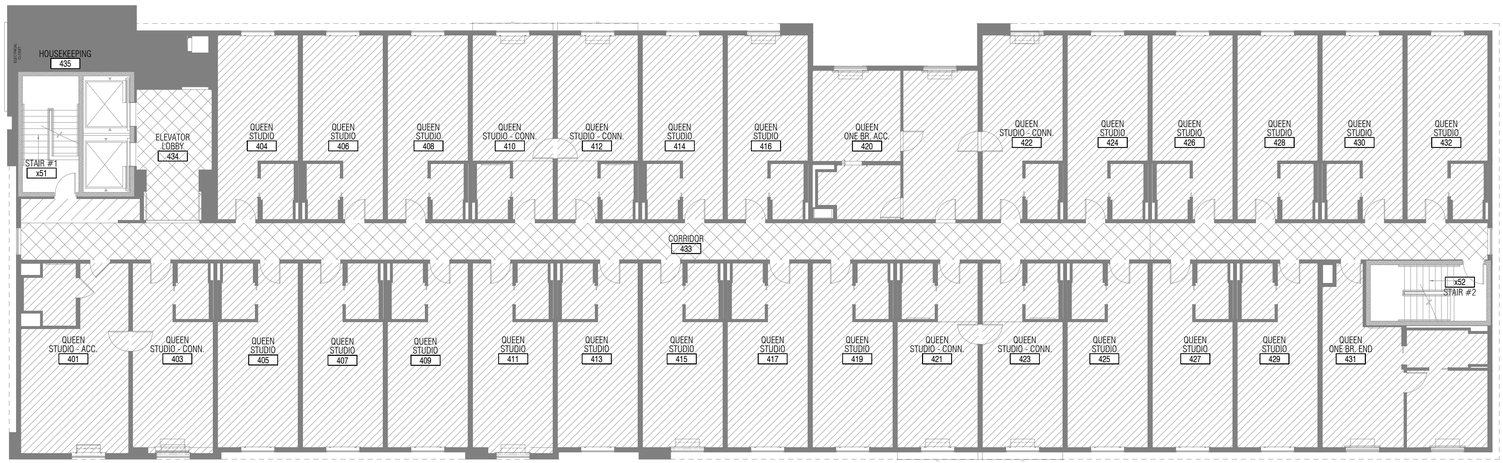
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
THIRD FLOOR AREA PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
006



1
007
FOURTH FLOOR PLAN
SCALE: 3/32" : 1'-0"

LEGEND

AREA LEGEND	
	GUEST ROOM AREA
	CORRIDOR AREA
	ADMINSTRATION AREA
	BACK OF THE HOUSE AREA
	PUBLIC AREA
	UTILITY AREA

AREA: 104 ROOM	UNIT	SF	HOTEL PROGRAM
GROSS AREA:			
GROUND LEVEL	1	13,702	13,702
UPPER LEVELS	3	13,858	41,574
TOTAL GROSS AREA			**55,276**
GUEST ROOMS			
QUEEN STUDIO	72	322	23,184
QUEEN ONE BEDROOM	4	478	1,912
QUEEN STUDIO ACCESSIBLE	3	432	1,296
QUEEN ONE BEDROOM ACCESSIBLE	4	520	2,080
QUEEN STUDIO CONNECTING	21	330	6,930
SUBTOTAL GUEST ROOM	**104**		**35,402**
GUEST ROOM SUPPORT			
GROUND LEVEL CORRIDOR	1	1,278	1,278
UPPER LEVEL CORRIDORS	3	1,203	3,609
MECHANICAL ROOM	1	410	410
MECHANICAL ROOM @ GUEST LAUNDRY	1	34	34
MECHANICAL ROOM @ RIGHT VESTIBULE	1	22	22
HOUSEKEEPING (UPPER FLOORS)	3	245	735
ICE/VENDING (UPPER FLOORS)	3	56	168
STAIRS	6	146	876
ELEVATOR	3	121	363
ELEVATOR LOBBY (UPPER FLOORS)	1	198	198
SUBTOTAL GUEST ROOM SUPPORT			**7,693**
PUBLIC SPACE:			
ENTRY VESTIBULE-1	1	108	108
ENTRY VESTIBULE-2	1	80	80
MEETING ROOM	1	786	786
MEETING ROOM STORAGE	1	150	150
LOBBY	1	860	860
BREAKFAST SERVING COUNTER	1	236	236
BREAKFAST	1	199	199
ICE	1	37	37
GUEST LAUNDRY	1	80	80
WOMEN'S RESTROOM	1	56	56
MEN'S RESTROOM	1	56	56
SUBTOTAL PUBLIC SPACE			**2,648**
PUBLIC SUPPORT:			
REGISTRATION DESK	1	191	191
MANAGER'S OFFICE AND CLOSET	1	102	102
SALES OFFICE	1	115	115
ENGINEER	1	98	98
EMPLOYEE WORK STATION	1	72	72
PBX ROOM	1	112	112
FOOD PREP.	1	184	184
LAUNDRY ROOM + DRYERS	1	346	346
LAUNDRY DISCHARGE ROOM	1	91	91
FIRE PUMP ROOM	1	93	93
UNISEX	1	61	61
MAIN MECHANICAL ROOM	1	359	359
EMPLOYEE BREAK ROOM	1	197	197
STORE ROOM	1	59	59
HOME2 MARKET	1	76	76
ELEVATOR LOBBY (LOWER FLOOR)	1	177	177
ENTRY ALCOVE	1	80	80
SUBTOTAL PUBLIC SUPPORT			**2,120**
RECREATIONAL FACILITIES:			
FITNESS	1	524	524
SUBTOTAL RECREATIONAL			**524**
TOTALS			
WALL SQUARE FOOTAGE			**6,889**
TOTAL USEABLE SQUARE FOOTAGE			**48,387**
TOTAL FLOOR AREA			**55,276**

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE: GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

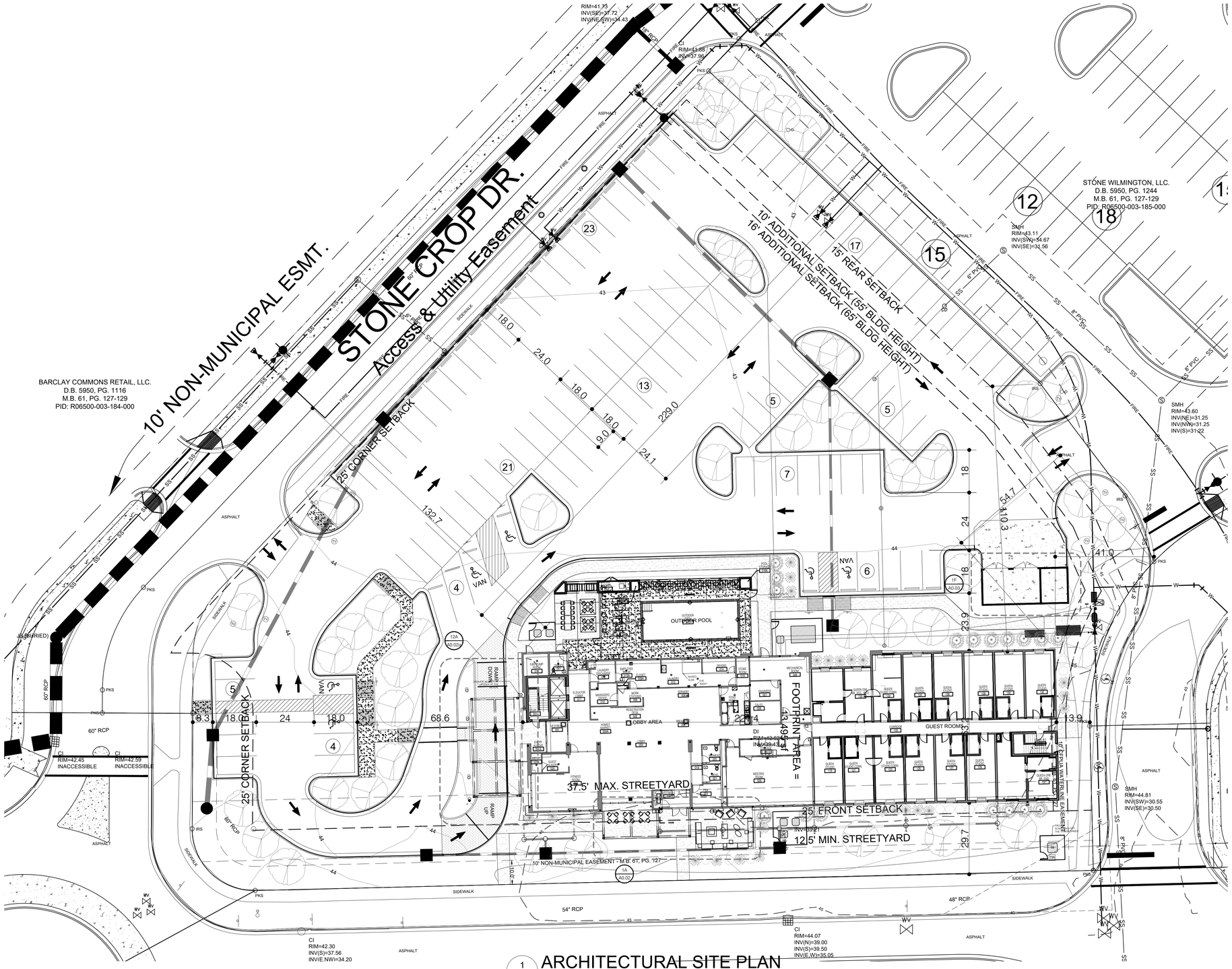
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FOURTH FLOOR AREA PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
007



1 A0.01 ARCHITECTURAL SITE PLAN
SCALE: 1:20

Site Parking Matrix

ROOM COUNT	REQUIRED TOTAL PARKING SPACES	REQUIRED ACCESSIBLE PARKING SPACES
104	107	4 + 1 VAN
PARKING SPACES PROVIDED		
STANDARD SPACES		104
ACCESSIBLE SPACES		4
VAN ACCESSIBLE SPACES		2
TOTAL PARKING SPACES REQD.		107
PARKING SPACES PROVIDED		110

TOTAL GUEST ROOMS: 104
WITH OUTDOOR POOL

PARKING REQUIREMENTS:

1 PARKING SPACE PER GUESTROOM +
3 SPACES FOR MEETING RM. (1 SPACE PER 250 SQ.FT.)
104 GUESTROOMS + MEETING = 107 PARKING SPACES
PARKING PROVIDED = 99 SPACES
ADDITIONAL SHARED PARKING = 11 SPACES
TOTAL PARKING SPACES SHOWN = 110 SPACES

TOTAL NUMBER OF ROOMS:	104 ROOMS
TOTAL PARKING SPACES:	110 SPACES
NUMBER OF FLOORS:	4 FLOORS
HEIGHT RESTRICTIONS:	NONE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

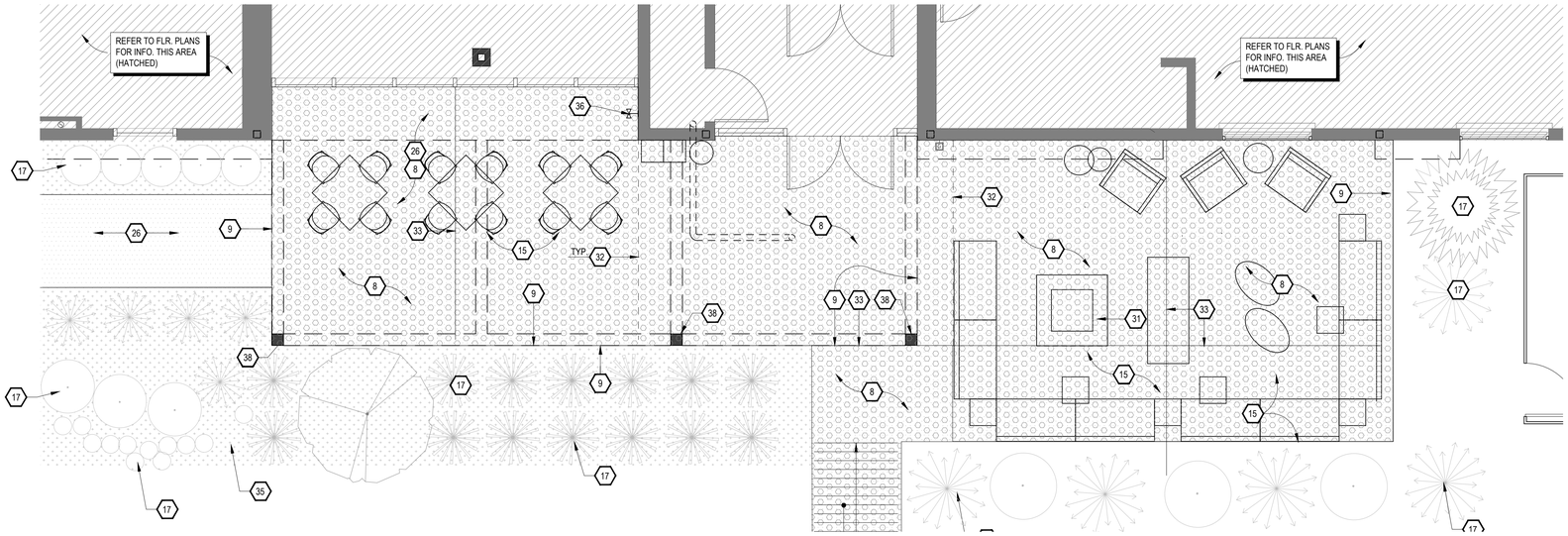
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ARCHITECTURAL SITE PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A0.01



1A / A0.02 ENTRANCE AND OUTDOOR LOUNGE PLAN

SCALE: 1/4" : 1'-0"

KEY NOTES:

1. MONUMENT SIGN LOCATION
2. ACCESSIBLE PASSENGER DROP OFF AREA W/ ADJACENT CLEAR ACCESS AISLE - DROP OFF & ACCESS AISLE SHALL BE @ THE SAME LEVEL & SHALL HAVE A SLOPE NOT TO EXCEED 1:48 (1:64 RECOMMENDED) - DRIVE AISLES SHALL RAMP UP TO LEVEL OF WALK AT DROP-OFF AREA -- REFER TO MATERIAL LEGEND FOR SPECIFIC PAVING OF THIS AREA. REFER TO THE **HADG** FOR MORE INFORMATION REGARDING ACCESSIBLE PASSENGER LOADING ZONES.
3. ACCESSIBLE CURB RAMP TO MEET ALL ACCESSIBILITY REQUIREMENTS, MAXIMUM SLOPE OF RUN 1:12 (1:14 RECOMMENDED), MAXIMUM CROSS SLOPE OF 1:48 (1:64 RECOMMENDED), REFER TO THE **HADG** FOR FURTHER INFORMATION.
4. ACCESSIBLE PARKING SPACES, SIGNAGE, LOGOS, WHEEL STOPS & ACCESS AISLES MUST MEET ALL ACCESSIBILITY REQUIREMENTS - PROVIDE SPACES IN SIZE, QUANTITY & LOCATIONS REQ'D BY ACCESSIBILITY AND BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION . PROVIDE A MAXIMUM SLOPE IN EITHER DIRECTION OF 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION
5. FLAGPOLE WITH IN-GROUND UPLIGHT
6. SPECIMEN TREE - REFER TO LANDSCAPE PLAN
7. PAVED WALKWAY- SLOPE AWAY FROM BLDG. (MAX 2% CROSS SLOPE) -- SILICA-BASED AGGREGATE
8. DECORATIVE NON-SLIP PAVING
9. LINE OF CANOPY ROOF ABOVE
10. DUMPSTER ENCLOSURE WITH GATE AND LOCKING HARDWARE - PROVIDE AREA DRAIN
11. EXTERIOR GARDEN STORAGE AREA
12. REINFORCED CONCRETE PAD
13. PROPERTY LINE
14. CURB CUT & DRIVEWAY ACCESS - SIZE & LOCATE CURB CUTS & DRIVE AISLES PER LOCAL REQUIREMENTS - MAINTAIN APPROPRIATE SIGHT LINES
15. OUTDOOR LOUNGE - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
16. POOL PATIO - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
17. ACCENT PLANTINGS
18. NOT USED
19. ACCESSIBLE ROUTE FROM ACCESSIBLE PARKING TO BUILDING ENTRANCE. PROVIDE A RUNNING SLOPE OF MAXIMUM 1:20 AND A CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
20. 48" HIGH 6" DIA. CONC. FILLED STL. BOLLARDS
21. PROPOSED TRANSFORMER & CONCRETE PAD LOCATION - ADJUST LOCATION AS REQUIRED TO MEET LOCAL CODES & UTILITY ACCESS
22. PAINTED PARKING STRIPE ON PAVEMENT SURFACE, TYP.
23. TREES - TREES SHALL NOT INTERFERE W/ PARK. OR PED. ACTIVITY-REFER TO LANDSCAPE DESIGN INTENT PLAN FOR LANDSCAPING GUIDELINES
24. ASPHALT OR CONC. PAVING SHALL COMPLY W/ LOCAL REQUIREMENTS - PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. -- COORDINATE SITE DRAINAGE & DETENTION W/ CIVIL ENGINEER
25. PARTIAL HEIGHT WALL @ GRILLS
26. ACCESSIBLE WALKWAY: RUNNING SLOPE OF MAXIMUM 1:20 AND CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO HADG FOR FURTHER INFORMATION. SCORE DECORATIVE CONC.
27. EMERGENCY GAS SHUT-OFF VALVE
28. CONTINUOUS CONCRETE CURB - TYP.
29. CONDENSING UNIT LOCATION
30. ACCESSIBLE PATH AWAY FROM BUILDING
31. EXTERIOR FIRE PIT WITH MANUAL EMERGENCY SHUT-OFF VALVE, SECURE IN PLACE TO RESIST MOVEMENT. FEED WITH UNDERGROUND LINE FROM BUILDING GAS SERVICE. PROVIDE APPROPRIATELY SIZED SAFETY SCREEN
32. EXPANSION JOINT
33. CONTROL JOINT
34. NOT USED
35. LANDSCAPED AREA -- REFER TO MATERIAL LEGEND
36. HOSE BIB LOCATION
37. REFER TO FLOOR PLANS FOR HATCHED AREA
38. PRIMED AND PAINTED TUBE STEEL CANOPY COLUMNS
39. ACCESSIBLE ROUTE TO PUBLIC RIGHT OF WAY (1 REQUIRED). MAX. RUNNING SLOPE OF 1:20 AND MAX. CROSS SLOPE OF 1:48 (1:64 RECOMMENDED). ALL PAVED SURFACES, CURB RAMPS AND TRANSITIONS ALONG PATH TO MEET ACCESSIBILITY REQ'S
40. EXTERIOR GAS GRILL
41. BENCH - REFER TO SHEET A4.52
42. IN-GROUND BUILDING UPLIGHT
43. WORKSURFACE B/T GRILLS. CONCRETE TOPS @ COUNTER HEIGHT. SIDES TO BE TILED TO MATCH BUILDING BASE. COUNTER TO BE BELOW PARTIAL HEIGHT WALLS
44. PARKING LOT & DRIVEWAY LIGHTING
45. FLUSH CURB ALONG ENTIRE LENGTH OF ACCESSIBLE DROP OFF
46. PLANTERS - REFER TO SHEET A4.52
47. TRASH, RECYCLING, AND ASH BINS - REFER TO SHEET A4.52

GENERAL NOTES:

1. BLDG. LIMITATIONS, AREA REQUIREMENTS, & SETBACKS ARE TO CONFORM TO APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION
2. PROVIDE FIRE ACCESS LANE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
3. PROVIDED APPROPRIATE NUMBER OF CURB CUTS AND DRIVEWAY ACCESS WIDTHS TO SITE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
4. TYP. PARKING SPACE SIZES SHALL BE AS REQ'D BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION. 9'x18' MIN.
5. COORDINATE LIGHTING LOCATIONS WITH LANDSCAPE PLANTINGS - PROVIDE PHOTOMETRIC ANALYSIS AS REQ'D BY APPLICABLE CODES.
6. REFER TO BRAND'S SIGNAGE STANDARDS FOR ADDITIONAL INFORMATION AND PRECISE SIGNAGE REQUIREMENTS.
7. IRRIGATE ALL LANDSCAPED AREAS WITH AUTOMATIC UNDERGROUND SPRINKLER SYSTEM EXCEPT THOSE IMMEDIATELY ADJACENT TO EXTERIOR WALL OF THE HOTEL.
8. ALL AREAS NOT WITHIN PLANTING BEDS TO RECEIVE SOD OR OTHER APPROVED GROUND COVER.
9. ALL EQUIP. MUST BE SCREENED W/ LANDSCAPING OR OTHER MEANS.
10. ALL SITE DIMENSIONS ARE MINIMUM REQUIREMENTS. COMPLY WITH APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
11. PROVIDE HOSE BIBS AROUND MAIN BUILDING PERIMETER AND AT DUMPSTER ENCLOSURE.
12. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQUIREMENTS.
13. PROVIDE AN ACCESSIBLE MEANS OF TRAVEL TO SITE PROPERTY LINE THAT MEETS ALL ACCESSIBILITY REQUIREMENTS.
14. CATCH BASINS ARE TO BE PLACED SO AS NOT TO INTERFERE WITH DESIGNATED ACCESSIBLE ROUTES, THEIR CLEARANCES & MAX. SLOPES.
15. PARKING LOT STRIPES MUST BE WHITE, EXCEPT WHERE OTHER COLORS ARE REQUIRED FOR FIRE LANES & NO PARKING ZONES.
16. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK &FINISH SPECS.
17. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS W/IN THE PUBLIC SPACE SHALL BE CONTAINED W/IN FULLY RECESSED CABINETS.
18. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
19. WALL DEVICES TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O.
20. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
21. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT SCHEDULES.

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (P-1) EXTERIOR POLE LIGHT
- (P-2) IN-GROUND FLAG UPLIGHT (EQUIVALENT TO 175 WATT METAL HALIDE)
- (P-3) IN-GROUND UPLIGHT
- * PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

MATERIAL LEGEND:

- GRASS
- DECORATIVE CRUSHED LANDSCAPE STONE
- MULCHED AREA
- PAVING #1: COLORED CONCRETE WITH EXPOSED AGGREGATE FINISH
- PAVING #2: STAMPED CONCRETE, COLORED TO MATCH PAVING #1

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
— ATLANTA - CHARLOTTE —
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS)" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

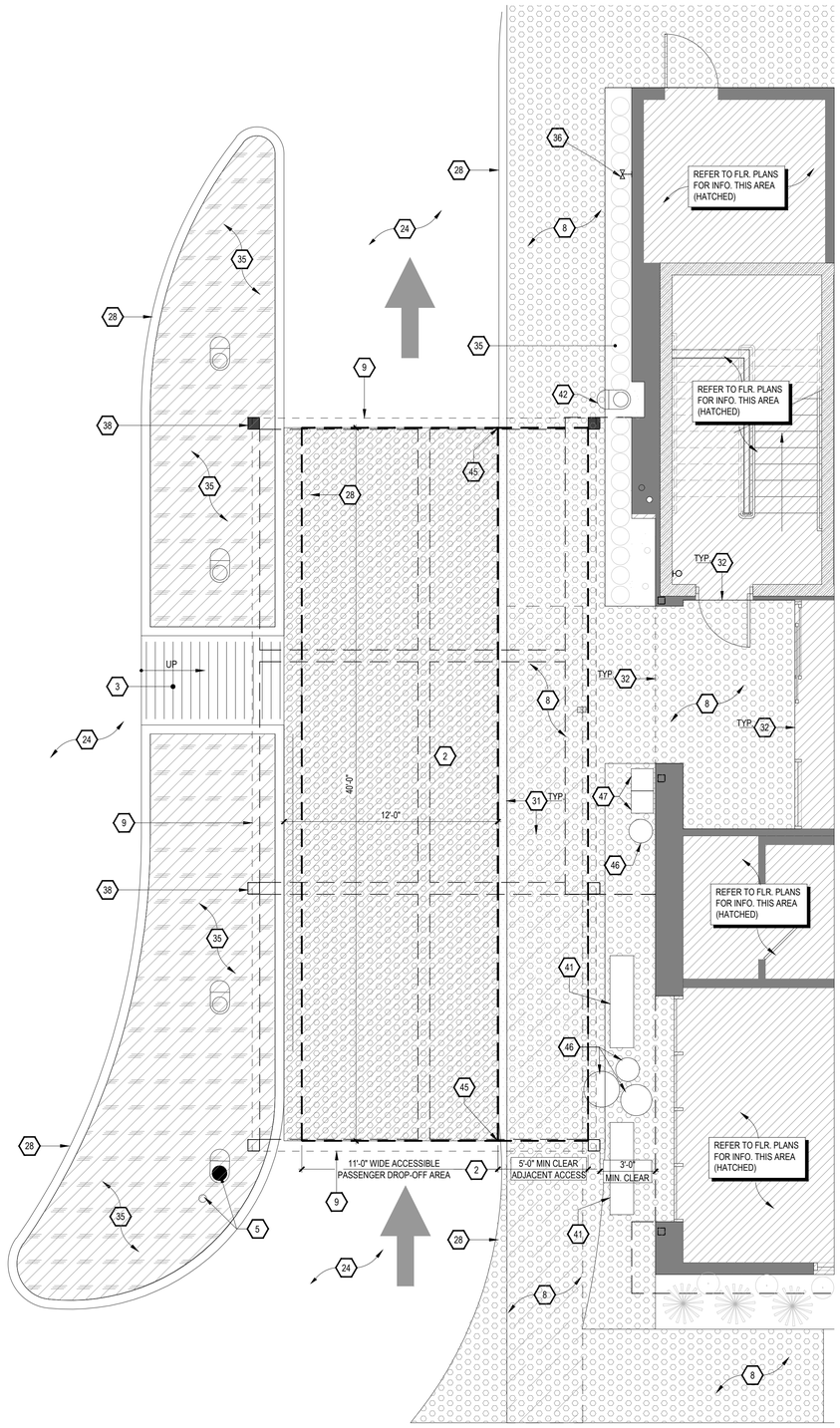
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED SITE PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A0.02



12A / A0.02a ENTRANCE AND DROP OFF CANOPY

SCALE: 1/4" : 1'-0"

KEY NOTES:

1. MONUMENT SIGN LOCATION
2. ACCESSIBLE PASSENGER DROP OFF AREA W/ ADJACENT CLEAR ACCESS AISLE - DROP OFF & ACCESS AISLE SHALL BE @ THE SAME LEVEL & SHALL HAVE A SLOPE NOT TO EXCEED 1:48 (1:64 RECOMMENDED) - DRIVE AISLES SHALL RAMP UP TO LEVEL OF WALK AT DROP-OFF AREA -- REFER TO MATERIAL LEGEND FOR SPECIFIC PAVING OF THIS AREA. REFER TO THE **HADG** FOR MORE INFORMATION REGARDING ACCESSIBLE PASSENGER LOADING ZONES.
3. ACCESSIBLE CURB RAMP TO MEET ALL ACCESSIBILITY REQUIREMENTS, MAXIMUM SLOPE OF RUN 1:12 (1:14 RECOMMENDED), MAXIMUM CROSS SLOPE OF 1:48 (1:64 RECOMMENDED), REFER TO THE **HADG** FOR FURTHER INFORMATION.
4. ACCESSIBLE PARKING SPACES, SIGNAGE, LOGOS, WHEEL STOPS & ACCESS AISLES MUST MEET ALL ACCESSIBILITY REQUIREMENTS - PROVIDE SPACES IN SIZE, QUANTITY & LOCATIONS REQ'D BY ACCESSIBILITY AND BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION . PROVIDE A MAXIMUM SLOPE IN EITHER DIRECTION OF 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
5. FLAGPOLE WITH IN-GROUND UPLIGHT
6. SPECIMEN TREE - REFER TO LANDSCAPE PLAN
7. PAVED WALKWAY- SLOPE AWAY FROM BLDG. (MAX 2% CROSS SLOPE) -- SILICA-BASED AGGREGATE
8. DECORATIVE NON-SLIP PAVING
9. LINE OF CANOPY ROOF ABOVE
10. DUMPSTER ENCLOSURE WITH GATE AND LOCKING HARDWARE - PROVIDE AREA DRAIN
11. EXTERIOR GARDEN STORAGE AREA
12. REINFORCED CONCRETE PAD
13. PROPERTY LINE
14. CURB CUT & DRIVEWAY ACCESS - SIZE & LOCATE CURB CUTS & DRIVE AISLES PER LOCAL REQUIREMENTS - MAINTAIN APPROPRIATE SIGHT LINES
15. OUTDOOR LOUNGE - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
16. POOL PATIO - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
17. ACCENT PLANTINGS
18. NOT USED
19. ACCESSIBLE ROUTE FROM ACCESSIBLE PARKING TO BUILDING ENTRANCE. PROVIDE A RUNNING SLOPE OF MAXIMUM 1:20 AND A CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
20. 48" HIGH 6" DIA. CONC. FILLED STL. BOLLARDS
21. PROPOSED TRANSFORMER & CONCRETE PAD LOCATION - ADJUST LOCATION AS REQUIRED TO MEET LOCAL CODES & UTILITY ACCESS
22. PAINTED PARKING STRIPE ON PAVEMENT SURFACE, TYP.
23. TREES - TREES SHALL NOT INTERFERE W/ PARK. OR PED. ACTIVITY-REFER TO LANDSCAPE DESIGN INTENT PLAN FOR LANDSCAPING GUIDELINES
24. ASPHALT OR CONC. PAVING SHALL COMPLY W/ LOCAL REQUIREMENTS - PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. -- COORDINATE SITE DRAINAGE & DETENTION W/ CIVIL ENGINEER
25. PARTIAL HEIGHT WALL @ GRILLS
26. ACCESSIBLE WALKWAY: RUNNING SLOPE OF MAXIMUM 1:20 AND CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO HADG FOR FURTHER INFORMATION. SCORE DECORATIVE CONC.
27. EMERGENCY GAS SHUT-OFF VALVE
28. CONTINUOUS CONCRETE CURB - TYP.
29. CONDENSING UNIT LOCATION
30. ACCESSIBLE PATH AWAY FROM BUILDING
31. EXTERIOR FIRE PIT WITH MANUAL EMERGENCY SHUT-OFF VALVE, SECURE IN PLACE TO RESIST MOVEMENT. FEED WITH UNDERGROUND LINE FROM BUILDING GAS SERVICE. PROVIDE APPROPRIATELY SIZED SAFETY SCREEN
32. EXPANSION JOINT
33. CONTROL JOINT
34. NOT USED
35. LANDSCAPED AREA -- REFER TO MATERIAL LEGEND
36. HOSE BIB LOCATION
37. REFER TO FLOOR PLANS FOR HATCHED AREA
38. PRIMED AND PAINTED TUBE STEEL CANOPY COLUMNS
39. ACCESSIBLE ROUTE TO PUBLIC RIGHT OF WAY (1 REQUIRED). MAX. RUNNING SLOPE OF 1:20 AND MAX. CROSS SLOPE OF 1:48 (1:64 RECOMMENDED). ALL PAVED SURFACES, CURB RAMPS AND TRANSITIONS ALONG PATH TO MEET ACCESSIBILITY REQ'S
40. EXTERIOR GAS GRILL
41. BENCH - REFER TO SHEET A4.52
42. IN-GROUND BUILDING UPLIGHT
43. WORKSURFACE B/T GRILLS. CONCRETE TOPS @ COUNTER HEIGHT. SIDES TO BE TILED TO MATCH BUILDING BASE. COUNTER TO BE BELOW PARTIAL HEIGHT WALLS
44. PARKING LOT & DRIVEWAY LIGHTING
45. FLUSH CURB ALONG ENTIRE LENGTH OF ACCESSIBLE DROP OFF
46. PLANTERS - REFER TO SHEET A4.52
47. TRASH, RECYCLING, AND ASH BINS - REFER TO SHEET A4.52

GENERAL NOTES:

1. BLDG. LIMITATIONS, AREA REQUIREMENTS, & SETBACKS ARE TO CONFORM TO APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION
2. PROVIDE FIRE ACCESS LANE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
3. PROVIDED APPROPRIATE NUMBER OF CURB CUTS AND DRIVEWAY ACCESS WIDTHS TO SITE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION
4. TYP. PARKING SPACE SIZES SHALL BE AS REQ'D BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION. 9'x18' MIN.
5. COORDINATE LIGHTING LOCATIONS WITH LANDSCAPE PLANTINGS - PROVIDE PHOTOMETRIC ANALYSIS AS REQ'D BY APPLICABLE CODES.
6. REFER TO BRAND'S SIGNAGE STANDARDS FOR ADDITIONAL INFORMATION AND PRECISE SIGNAGE REQUIREMENTS.
7. IRRIGATE ALL LANDSCAPED AREAS WITH AUTOMATIC UNDERGROUND SPRINKLER SYSTEM EXCEPT THOSE IMMEDIATELY ADJACENT TO EXTERIOR WALL OF THE HOTEL.
8. ALL AREAS NOT WITHIN PLANTING BEDS TO RECEIVE SOD OR OTHER APPROVED GROUND COVER.
9. ALL EQUIP. MUST BE SCREENED W/ LANDSCAPING OR OTHER MEANS.
10. ALL SITE DIMENSIONS ARE MINIMUM REQUIREMENTS. COMPLY WITH APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
11. PROVIDE HOSE BIBS AROUND MAIN BUILDING PERIMETER AND AT DUMPSTER ENCLOSURE.
12. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQUIREMENTS.
13. PROVIDE AN ACCESSIBLE MEANS OF TRAVEL TO SITE PROPERTY LINE THAT MEETS ALL ACCESSIBILITY REQUIREMENTS.
14. CATCH BASINS ARE TO BE PLACED SO AS NOT TO INTERFERE WITH DESIGNATED ACCESSIBLE ROUTES, THEIR CLEARANCES & MAX. SLOPES.
15. PARKING LOT STRIPES MUST BE WHITE, EXCEPT WHERE OTHER COLORS ARE REQUIRED FOR FIRE LANES & NO PARKING ZONES.
16. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK &FINISH SPECS.
17. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS W/IN THE PUBLIC SPACE SHALL BE CONTAINED W/IN FULLY RECESSED CABINETS.
18. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
19. WALL DEVICES TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O.
20. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
21. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT SCHEDULES.

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (P-1) EXTERIOR POLE LIGHT
- (P-2) IN-GROUND FLAG UPLIGHT (EQUIVALENT TO 175 WATT METAL HALIDE)
- (P-3) IN-GROUND UPLIGHT

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

MATERIAL LEGEND:

- GRASS
- DECORATIVE CRUSHED LANDSCAPE STONE
- MULCHED AREA
- PAVING #1: COLORED CONCRETE WITH EXPOSED AGGREGATE FINISH
- PAVING #2: STAMPED CONCRETE, COLORED TO MATCH PAVING #1

HOME 2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

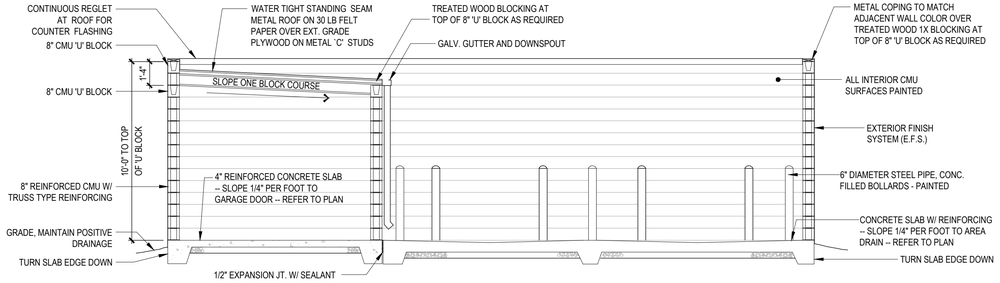
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED SITE PLAN

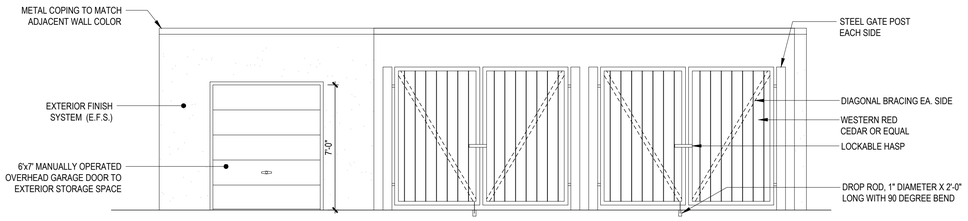
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A0.02a



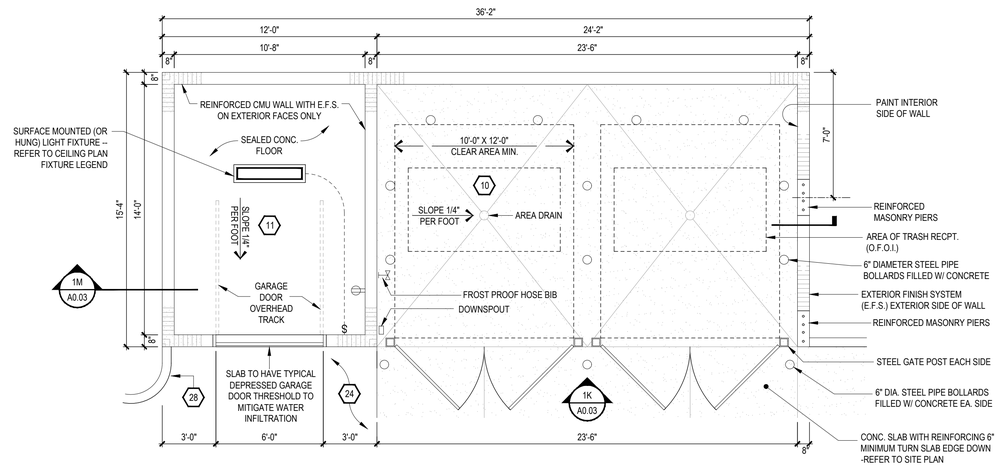
1M / A0.03 STORAGE & TRASH ENCLOSURE SECTION

SCALE: 1/4" = 1'-0"



1K / A0.03 STORAGE & TRASH ENCLOSURE ELEVATION

SCALE: 1/4" = 1'-0"



1F / A0.03 STORAGE & TRASH ENCLOSURE PLAN

SCALE: 1/4" = 1'-0"

NOTES:

1. VERIFY DRAINAGE REQUIREMENTS WITH HEALTH INSPECTOR
2. PROVIDE CEILING MOUNTED LIGHT AND DUPLEX OUTLET IN STORAGE
3. DUMPSTER ENCLOSURE EXTERIOR FINISH TO MATCH FINISH OF MAIN HOTEL / TOWER
4. ADDITIONAL SPACE MAY BE NEEDED FOR RECYCLING. DESIGNER TO COORDINATE REQUIREMENTS WITH LOCAL SERVICE
5. INTERIOR WALLS AND CEILINGS PAINTED FINISH AT MINIMUM

KEY NOTES:

1	MONUMENT SIGN LOCATION
2	ACCESSIBLE PASSENGER DROP OFF AREA W/ ADJACENT CLEAR ACCESS AISLE - DROP OFF & ACCESS AISLE SHALL BE @ THE SAME LEVEL & SHALL HAVE A SLOPE NOT TO EXCEED 1:48 (1:64 RECOMMENDED) - DRIVE AISLES SHALL RAMP UP TO LEVEL OF WALK AT DROP-OFF AREA -- REFER TO MATERIAL LEGEND FOR SPECIFIC PAVING OF THIS AREA. REFER TO THE **HADG** FOR MORE INFORMATION REGARDING ACCESSIBLE PASSENGER LOADING ZONES.
3	ACCESSIBLE CURB RAMP TO MEET ALL ACCESSIBILITY REQUIREMENTS, MAXIMUM SLOPE OF RUN 1:12 (1:14 RECOMMENDED), MAXIMUM CROSS SLOPE OF 1:48 (1:64 RECOMMENDED), REFER TO THE **HADG** FOR FURTHER INFORMATION.
4	ACCESSIBLE PARKING SPACES, SIGNAGE, LOGOS, WHEEL STOPS & ACCESS AISLES MUST MEET ALL ACCESSIBILITY REQUIREMENTS - PROVIDE SPACES IN SIZE, QUANTITY & LOCATIONS REQ'D BY ACCESSIBILITY AND BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION. PROVIDE A MAXIMUM SLOPE IN EITHER DIRECTION OF 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
5	FLAGPOLE WITH IN-GROUND UPLIGHT
6	SPECIMEN TREE - REFER TO LANDSCAPE PLAN
7	PAVED WALKWAY- SLOPE AWAY FROM BLDG. (MAX 2% CROSS SLOPE) -- SILICA-BASED AGGREGATE
8	DECORATIVE NON-SLIP PAVING
9	LINE OF CANOPY ROOF ABOVE
10	DUMPSTER ENCLOSURE WITH GATE AND LOCKING HARDWARE - PROVIDE AREA DRAIN
11	EXTERIOR GARDEN STORAGE AREA
12	REINFORCED CONCRETE PAD
13	PROPERTY LINE
14	CURB CUT & DRIVEWAY ACCESS - SIZE & LOCATE CURB CUTS & DRIVE AISLES PER LOCAL REQUIREMENTS - MAINTAIN APPROPRIATE SIGHT LINES
15	OUTDOOR LOUNGE - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
16	POOL PATIO - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
17	ACCENT PLANTINGS
18	NOT USED
19	ACCESSIBLE ROUTE FROM ACCESSIBLE PARKING TO BUILDING ENTRANCE. PROVIDE A RUNNING SLOPE OF MAXIMUM 1:20 AND A CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
20	48" HIGH 6" DIA. CONC. FILLED STL. BOLLARDS
21	PROPOSED TRANSFORMER & CONCRETE PAD LOCATION - ADJUST LOCATION AS REQUIRED TO MEET LOCAL CODES & UTILITY ACCESS
22	PAINTED PARKING STRIPE ON PAVEMENT SURFACE, TYP.
23	TREES - TREES SHALL NOT INTERFERE W/ PARK. OR PED. ACTIVITY-REFER TO LANDSCAPE DESIGN INTENT PLAN FOR LANDSCAPING GUIDELINES
24	ASPHALT OR CONC. PAVING SHALL COMPLY W/ LOCAL REQUIREMENTS - PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. -- COORDINATE SITE DRAINAGE & DETENTION W/ CIVIL ENGINEER
25	PARTIAL HEIGHT WALL @ GRILLS
26	ACCESSIBLE WALKWAY: RUNNING SLOPE OF MAXIMUM 1:20 AND CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO HADG FOR FURTHER INFORMATION. SCORE DECORATIVE CONC.
27	EMERGENCY GAS SHUT-OFF VALVE
28	CONTINUOUS CONCRETE CURB - TYP.
29	CONDENSING UNIT LOCATION
30	ACCESSIBLE PATH AWAY FROM BUILDING
31	EXTERIOR FIRE PIT WITH MANUAL EMERGENCY SHUT-OFF VALVE. SECURE IN PLACE TO RESIST MOVEMENT. FEED WITH UNDERGROUND LINE FROM BUILDING GAS SERVICE. PROVIDE APPROPRIATELY SIZED SAFETY SCREEN
32	EXPANSION JOINT
33	CONTROL JOINT
34	NOT USED
35	LANDSCAPED AREA -- REFER TO MATERIAL LEGEND
36	HOSE BIB LOCATION
37	REFER TO FLOOR PLANS FOR HATCHED AREA
38	PRIMED AND PAINTED TUBE STEEL CANOPY COLUMNS
39	ACCESSIBLE ROUTE TO PUBLIC RIGHT OF WAY (1 REQUIRED). MAX. RUNNING SLOPE OF 1:20 AND MAX. CROSS SLOPE OF 1:48 (1:64 RECOMMENDED). ALL PAVED SURFACES, CURB RAMPS AND TRANSITIONS ALONG PATH TO MEET ACCESSIBILITY REQ'S
40	EXTERIOR GAS GRILL
41	BENCH - REFER TO SHEET A4.52
42	IN-GROUND BUILDING UPLIGHT
43	WORKSURFACE B/T GRILLS. CONCRETE TOPS @ COUNTER HEIGHT. SIDES TO BE TILED TO MATCH BUILDING BASE. COUNTER TO BE BELOW PARTIAL HEIGHT WALLS
44	PARKING LOT & DRIVEWAY LIGHTING
45	FLUSH CURB ALONG ENTIRE LENGTH OF ACCESSIBLE DROP OFF
46	PLANTERS - REFER TO SHEET A4.52
47	TRASH, RECYCLING, AND ASH BINS - REFER TO SHEET A4.52

GENERAL NOTES:

1. BLDG. LIMITATIONS, AREA REQUIREMENTS, & SETBACKS ARE TO CONFORM TO APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION
2. PROVIDE FIRE ACCESS LANE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
3. PROVIDED APPROPRIATE NUMBER OF CURB CUTS AND DRIVEWAY ACCESS WIDTHS TO SITE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
4. TYP. PARKING SPACE SIZES SHALL BE AS REQ'D BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION. 9'x18' MIN.
5. COORDINATE LIGHTING LOCATIONS WITH LANDSCAPE PLANTINGS - PROVIDE PHOTOMETRIC ANALYSIS AS REQ'D BY APPLICABLE CODES.
6. REFER TO BRAND'S SIGNAGE STANDARDS FOR ADDITIONAL INFORMATION AND PRECISE SIGNAGE REQUIREMENTS.
7. IRRIGATE ALL LANDSCAPED AREAS WITH AUTOMATIC UNDERGROUND SPRINKLER SYSTEM EXCEPT THOSE IMMEDIATELY ADJACENT TO EXTERIOR WALL OF THE HOTEL.
8. ALL AREAS NOT WITHIN PLANTING BEDS TO RECEIVE SOD OR OTHER APPROVED GROUND COVER.
9. ALL EQUIP. MUST BE SCREENED W/ LANDSCAPING OR OTHER MEANS.
10. ALL SITE DIMENSIONS ARE MINIMUM REQUIREMENTS. COMPLY WITH APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
11. PROVIDE HOSE BIBS AROUND MAIN BUILDING PERIMETER AND AT DUMPSTER ENCLOSURE.
12. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQUIREMENTS.
13. PROVIDE AN ACCESSIBLE MEANS OF TRAVEL TO SITE PROPERTY LINE THAT MEETS ALL ACCESSIBILITY REQUIREMENTS.
14. CATCH BASINS ARE TO BE PLACED SO AS NOT TO INTERFERE WITH DESIGNATED ACCESSIBLE ROUTES, THEIR CLEARANCES & MAX. SLOPES.
15. PARKING LOT STRIPES MUST BE WHITE, EXCEPT WHERE OTHER COLORS ARE REQUIRED FOR FIRE LANES & NO PARKING ZONES.
16. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK &FINISH SPECS.
17. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITIN THE PUBLIC SPACE SHALL BE CONTAINED WIIN FULLY RECESSED CABINETS.
18. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
19. WALL DEVICES TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O.
20. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
21. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT SCHEDULES.

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

(T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE

(P-1) EXTERIOR POLE LIGHT

(P-2) IN-GROUND FLAG UPLIGHT (EQUIVALENT TO 175 WATT METAL HALIDE)

(P-3) IN-GROUND UPLIGHT

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

MATERIAL LEGEND:

GRASS

DECORATIVE CRUSHED LANDSCAPE STONE

MULCHED AREA

PAVING #1: COLORED CONCRETE WITH EXPOSED AGGREGATE FINISH

PAVING #2: STAMPED CONCRETE, COLORED TO MATCH PAVING #1

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

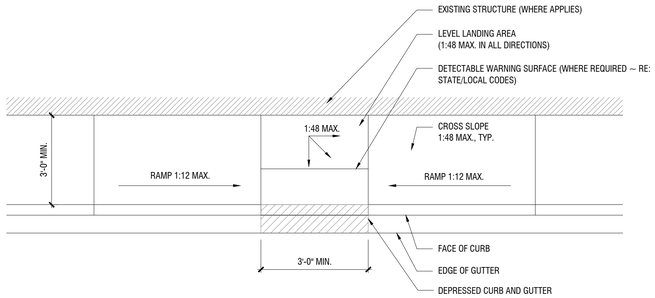
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

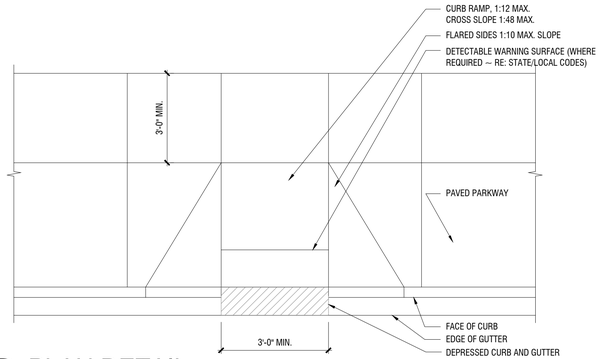
LAYOUT:
SITE SECTIONS AND ELEVATIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

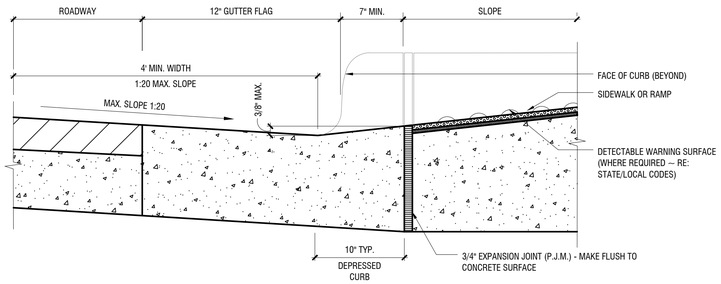
SHEET NUMBER:
A0.03



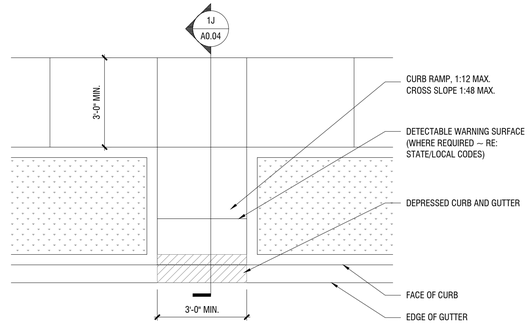
1M / A0.04 **PLAN DETAIL** — CURB RAMP WITH NO PARKWAY
SCALE: 1/4"=1'-0"



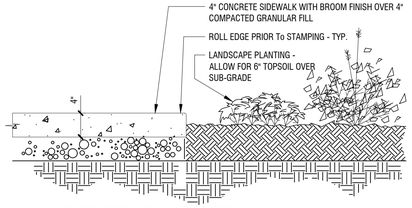
7M / A0.04 **PLAN DETAIL** — TYP. CURB RAMP WITH PAVED PARKWAY
SCALE: 1/4"=1'-0"



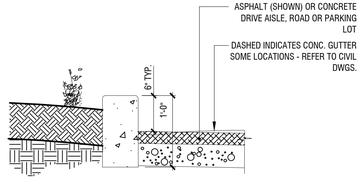
1J / A0.04 **SECTION DETAIL** — TYP. CURB RAMP
SCALE: 1 1/2"=1'-0"



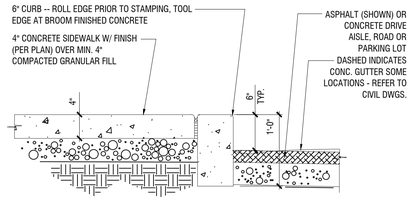
7J / A0.04 **PLAN DETAIL** — CURB RAMP WITH PARKWAY
SCALE: 1/4"=1'-0"



12N / A0.04 **SECTION DETAIL** — TYP. SIDEWALK TO LANDSCAPE BED
SCALE: 1"=1'-0"



12J / A0.04 **SECTION DETAIL** — TYP. CURB TO LANDSCAPE / DRIVE
SCALE: 1"=1'-0"



12L / A0.04 **SECTION DETAIL** — TYP. SIDEWALK TO DRIVE AISLE / PARKING LOT / ROAD
SCALE: 1"=1'-0"

KEY NOTES:

1. MONUMENT SIGN LOCATION
2. ACCESSIBLE PASSENGER DROP OFF AREA W/ ADJACENT CLEAR ACCESS AISLE - DROP OFF & ACCESS AISLE SHALL BE @ THE SAME LEVEL & SHALL HAVE A SLOPE NOT TO EXCEED 1:48 (1:64 RECOMMENDED) - DRIVE AISLES SHALL RAMP UP TO LEVEL OF WALK AT DROP-OFF AREA -- REFER TO MATERIAL LEGEND FOR SPECIFIC PAVING OF THIS AREA. REFER TO THE **HADG** FOR MORE INFORMATION REGARDING ACCESSIBLE PASSENGER LOADING ZONES.
3. ACCESSIBLE CURB RAMP TO MEET ALL ACCESSIBILITY REQUIREMENTS, MAXIMUM SLOPE OF RUN 1:12 (1:14 RECOMMENDED), MAXIMUM CROSS SLOPE OF 1:48 (1:64 RECOMMENDED), REFER TO THE **HADG** FOR FURTHER INFORMATION.
4. ACCESSIBLE PARKING SPACES, SIGNAGE, LOGOS, WHEEL STOPS & ACCESS AISLES MUST MEET ALL ACCESSIBILITY REQUIREMENTS - PROVIDE SPACES IN SIZE, QUANTITY & LOCATIONS REQ'D BY ACCESSIBILITY AND BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION . PROVIDE A MAXIMUM SLOPE IN EITHER DIRECTION OF 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
5. FLAGPOLE WITH IN-GROUND UPLIGHT
6. SPECIMEN TREE - REFER TO LANDSCAPE PLAN
7. PAVED WALKWAY- SLOPE AWAY FROM BLDG. (MAX 2% CROSS SLOPE) -- SILICA-BASED AGGREGATE
8. DECORATIVE NON-SLIP PAVING
9. LINE OF CANOPY ROOF ABOVE
10. DUMPSTER ENCLOSURE WITH GATE AND LOCKING HARDWARE - PROVIDE AREA DRAIN
11. EXTERIOR GARDEN STORAGE AREA
12. REINFORCED CONCRETE PAD
13. PROPERTY LINE
14. CURB CUT & DRIVEWAY ACCESS - SIZE & LOCATE CURB CUTS & DRIVE AISLES PER LOCAL REQUIREMENTS - MAINTAIN APPROPRIATE SIGHT LINES
15. OUTDOOR LOUNGE - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
16. POOL PATIO - REFER TO FF&E SPEC'S FOR LOOSE FURNISHINGS
17. ACCENT PLANTINGS
18. NOT USED
19. ACCESSIBLE ROUTE FROM ACCESSIBLE PARKING TO BUILDING ENTRANCE. PROVIDE A RUNNING SLOPE OF MAXIMUM 1:20 AND A CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO **HADG** FOR FURTHER INFORMATION.
20. 48" HIGH 6" DIA. CONC. FILLED STL. BOLLARDS
21. PROPOSED TRANSFORMER & CONCRETE PAD LOCATION - ADJUST LOCATION AS REQUIRED TO MEET LOCAL CODES & UTILITY ACCESS
22. PAINTED PARKING STRIPE ON PAVEMENT SURFACE, TYP.
23. TREES - TREES SHALL NOT INTERFERE W/ PARK. OR PED. ACTIVITY-REFER TO LANDSCAPE DESIGN INTENT PLAN FOR LANDSCAPING GUIDELINES
24. ASPHALT OR CONC. PAVING SHALL COMPLY W/ LOCAL REQUIREMENTS - PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. -- COORDINATE SITE DRAINAGE & DETENTION W/ CIVIL ENGINEER
25. PARTIAL HEIGHT WALL @ GRILLS
26. ACCESSIBLE WALKWAY: RUNNING SLOPE OF MAXIMUM 1:20 AND CROSS SLOPE OF MAXIMUM 1:48 (1:64 RECOMMENDED). REFER TO HADG FOR FURTHER INFORMATION. SCORE DECORATIVE CONC.
27. EMERGENCY GAS SHUT-OFF VALVE
28. CONTINUOUS CONCRETE CURB - TYP.
29. CONDENSING UNIT LOCATION
30. ACCESSIBLE PATH AWAY FROM BUILDING
31. EXTERIOR FIRE PIT WITH MANUAL EMERGENCY SHUT-OFF VALVE. SECURE IN PLACE TO RESIST MOVEMENT. FEED WITH UNDERGROUND LINE FROM BUILDING GAS SERVICE. PROVIDE APPROPRIATELY SIZED SAFETY SCREEN
32. EXPANSION JOINT
33. CONTROL JOINT
34. NOT USED
35. LANDSCAPED AREA -- REFER TO MATERIAL LEGEND
36. HOSE BIB LOCATION
37. REFER TO FLOOR PLANS FOR HATCHED AREA
38. PRIMED AND PAINTED TUBE STEEL CANOPY COLUMNS
39. ACCESSIBLE ROUTE TO PUBLIC RIGHT OF WAY (1 REQUIRED). MAX. RUNNING SLOPE OF 1:20 AND MAX. CROSS SLOPE OF 1:48 (1:64 RECOMMENDED). ALL PAVED SURFACES, CURB RAMPS AND TRANSITIONS ALONG PATH TO MEET ACCESSIBILITY REQ'S
40. EXTERIOR GAS GRILL
41. BENCH - REFER TO SHEET A4.52
42. IN-GROUND BUILDING UPLIGHT
43. WORKSURFACE B/T GRILLS. CONCRETE TOPS @ COUNTER HEIGHT. SIDES TO BE TILED TO MATCH BUILDING BASE. COUNTER TO BE BELOW PARTIAL HEIGHT WALLS
44. PARKING LOT & DRIVEWAY LIGHTING
45. FLUSH CURB ALONG ENTIRE LENGTH OF ACCESSIBLE DROP OFF
46. PLANTERS - REFER TO SHEET A4.52
47. TRASH, RECYCLING, AND ASH BINS - REFER TO SHEET A4.52

GENERAL NOTES:

1. BLDG. LIMITATIONS, AREA REQUIREMENTS, & SETBACKS ARE TO CONFORM TO APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION
2. PROVIDE FIRE ACCESS LANE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
3. PROVIDED APPROPRIATE NUMBER OF CURB CUTS AND DRIVEWAY ACCESS WIDTHS TO SITE AS REQUIRED BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
4. TYP. PARKING SPACE SIZES SHALL BE AS REQ'D BY APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION. 9'x18' MIN.
5. COORDINATE LIGHTING LOCATIONS WITH LANDSCAPE PLANTINGS - PROVIDE PHOTOMETRIC ANALYSIS AS REQ'D BY APPLICABLE CODES.
6. REFER TO BRAND'S SIGNAGE STANDARDS FOR ADDITIONAL INFORMATION AND PRECISE SIGNAGE REQUIREMENTS.
7. IRRIGATE ALL LANDSCAPED AREAS WITH AUTOMATIC UNDERGROUND SPRINKLER SYSTEM EXCEPT THOSE IMMEDIATELY ADJACENT TO EXTERIOR WALL OF THE HOTEL.
8. ALL AREAS NOT WITHIN PLANTING BEDS TO RECEIVE SOD OR OTHER APPROVED GROUND COVER.
9. ALL EQUIP. MUST BE SCREENED W/ LANDSCAPING OR OTHER MEANS.
10. ALL SITE DIMENSIONS ARE MINIMUM REQUIREMENTS. COMPLY WITH APPLICABLE CODES AS DETERMINED BY LOCAL JURISDICTION.
11. PROVIDE HOSE BIBS AROUND MAIN BUILDING PERIMETER AND AT DUMPSTER ENCLOSURE.
12. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQUIREMENTS.
13. PROVIDE AN ACCESSIBLE MEANS OF TRAVEL TO SITE PROPERTY LINE THAT MEETS ALL ACCESSIBILITY REQUIREMENTS.
14. CATCH BASINS ARE TO BE PLACED SO AS NOT TO INTERFERE WITH DESIGNATED ACCESSIBLE ROUTES, THEIR CLEARANCES & MAX. SLOPES.
15. PARKING LOT STRIPES MUST BE WHITE, EXCEPT WHERE OTHER COLORS ARE REQUIRED FOR FIRE LANES & NO PARKING ZONES.
16. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK &FINISH SPECS.
17. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITH THE PUBLIC SPACE SHALL BE CONTAINED WITH FULLY RECESSED CABINETS.
18. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
19. WALL DEVICES TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O.
20. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
21. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT SCHEDULES.

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (P-1) EXTERIOR POLE LIGHT
- (P-2) IN-GROUND FLAG UPLIGHT (EQUIVALENT TO 175 WATT METAL HALIDE)
- (P-3) IN-GROUND UPLIGHT
- * PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

MATERIAL LEGEND:

- GRASS
- DECORATIVE CRUSHED LANDSCAPE STONE
- MULCHED AREA
- PAVING #1: COLORED CONCRETE WITH EXPOSED AGGREGATE FINISH
- PAVING #2: STAMPED CONCRETE, COLORED TO MATCH PAVING #1

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

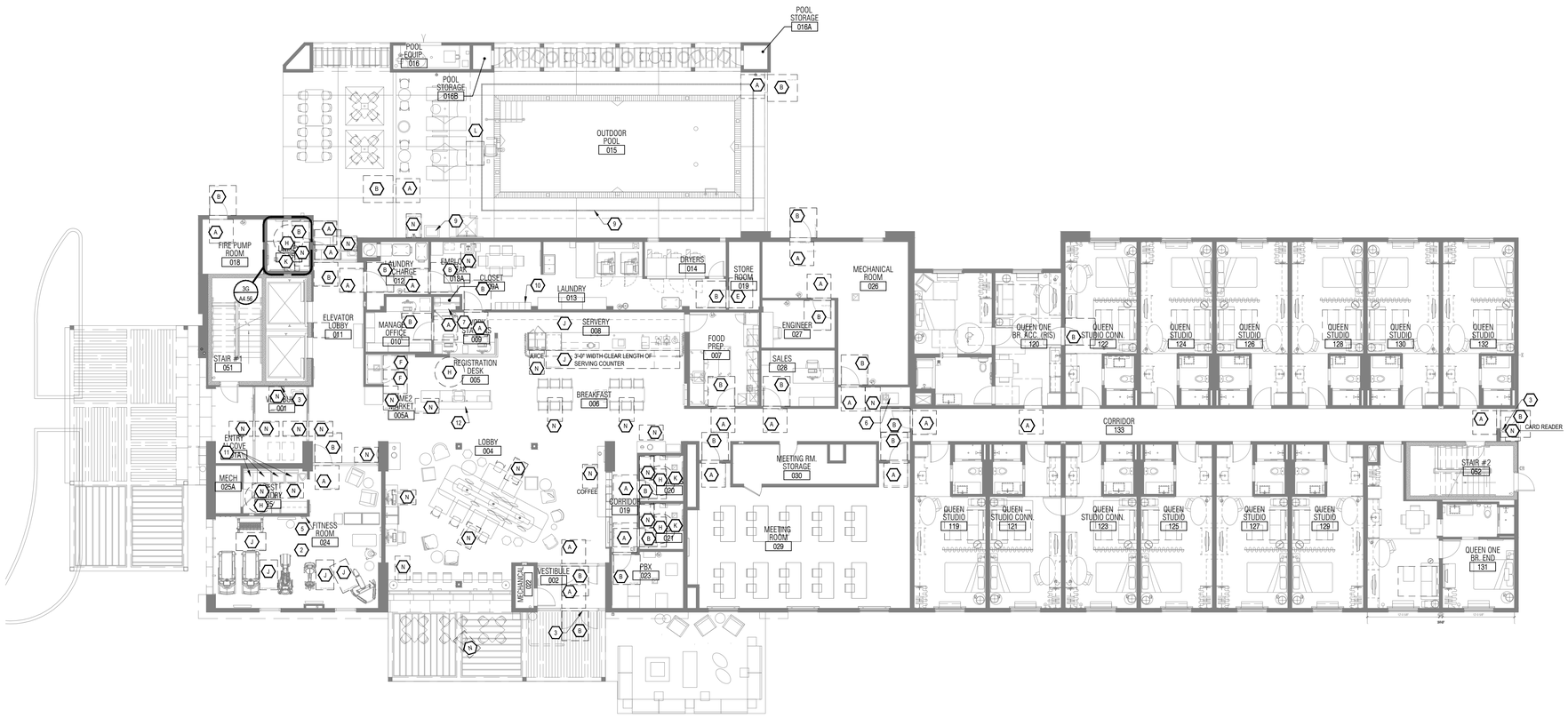
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SITE PLAN DETAILS & SECTIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A0.04



1 A2.00 FIRST FLOOR - ACCESSIBILITY PLAN

SCALE: 3/32" = 1'-0"

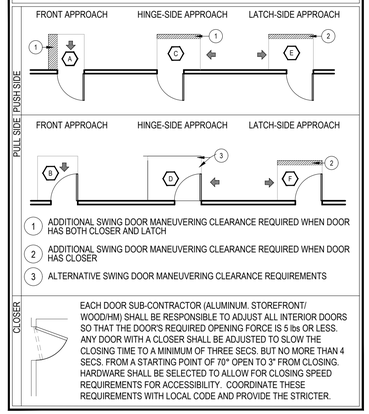
Accessible Clearance Legend

- (A) **DOOR MANEUVERING SPACE:** FRONT APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH x 48" (1) 12" BEYOND DOOR WIDTH AT LATCH SIDE WHEN DOOR HAS LATCH AND CLOSER
- (B) **DOOR MANEUVERING SPACE:** FRONT APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 18" x 60"
- (C) **DOOR MANEUVERING SPACE:** HINGE SIDE APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR + 22" x 42", (1) PUSH SIDE CLEAR FLOOR SPACE = DOOR + 22" x 4'-0" (WHEN DOOR HAS LATCH AND CLOSER)
- (D) **DOOR MANEUVERING SPACE:** HINGE SIDE APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 42" x 54" (3) ALTERNATIVE PERMISSIBLE CLEAR FLOOR SPACE = DOOR WIDTH + 36" x 60"
- (E) **DOOR MANEUVERING SPACE:** LATCH SIDE APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 42" (2) PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 48" (WHEN DOOR HAS CLOSER)
- (F) **DOOR MANEUVERING SPACE:** LATCH SIDE APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 48" (2) PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 54" (WHEN DOOR HAS CLOSER)
- (G) **AREA OF REFUGE:** 30" x 48" CLEAR FLOOR SPACE
- (W) **TURNING SPACE:** 5'-0" DIAMETER TURNING AREA *(T-SHAPED SPACE ALSO ALLOWED PER ACCESSIBILITY REQUIREMENTS)*
- (Y) **ACCESSIBLE ROUTE:** 36" WIDE AISLE x LENGTH OF ACCESSIBLE PIECE OF EQ. OR FURNITURE (48" MIN.)
- (K) **WATER CLOSET CLEARANCE:** 56" x 60"
- (L) **CLEAR DECK SPACE:** PARALLEL TO POOL LIFTS 36" X 48"
- (M) **WATER CLOSET CLEARANCE:** 59" x 60" (FLOOR MOUNTED IN A COMPARTMENT)
- (N) **CLEAR FLOOR SPACE:** FRONT OR SIDE APPROACH 30" x 48"

CLEAR FLOOR SPACE — DESIGNATED REQUIRED CLEAR FLOOR SPACE (CFS) PER ACCESSIBILITY REQUIREMENTS. REFER TO DIAGRAM ON THIS SHEET AND SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ. CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT, FURNITURE AND AREAS REQUIRED TO BE ACCESSIBLE. REFER TO **HADG** FOR FURTHER INFORMATION.

DOOR SIZES TO BE 3'-0" WIDE (UNLESS NOTED OTHERWISE) OR DOOR WITH 2'-8" CLEAR WHEN DOOR IS OPEN AT 90°. INFORMATION ON THIS SHEET IS INTENDED TO DEMONSTRATE CLEAR FLOOR AREA AND DOOR CLEARANCE REQUIREMENTS FOR ACCESSIBILITY AS DESIGNED IN THIS PROTOTYPE SET. THE ARCHITECT OF RECORD IS REQUIRED TO CONFORM TO ALL STATE AND LOCAL CODES IN ADDITION TO THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER ALSO TO SHEET A10.01 FOR DOOR CLEARANCE REQUIREMENTS. ENLARGED PLAN REFERENCES CONTAIN CLEAR FLOOR AREA INFORMATION ON THOSE SHEETS, INCLUDING REQUIREMENTS FOR PLUMBING FIXTURE CLEARANCES.

Swing Door Maneuvering Clearances



1. ADDITIONAL SWING DOOR MANEUVERING CLEARANCE REQUIRED WHEN DOOR HAS BOTH CLOSER AND LATCH
2. ADDITIONAL SWING DOOR MANEUVERING CLEARANCE REQUIRED WHEN DOOR HAS CLOSER
3. ALTERNATIVE SWING DOOR MANEUVERING CLEARANCE REQUIREMENTS

CLOSER — EACH DOOR SUB-CONTRACTOR (ALUMINUM. STOREFRONT/ WOOD/HM) SHALL BE RESPONSIBLE TO ADJUST ALL INTERIOR DOORS SO THAT THE DOOR'S REQUIRED OPENING FORCE IS 5 lbs OR LESS. ANY DOOR WITH A CLOSER SHALL BE ADJUSTED TO SLOW THE CLOSING TIME TO A MINIMUM OF THREE SECS. BUT NO MORE THAN 4 SECS. FROM A STARTING POINT OF 70° OPEN TO 3° FROM CLOSING. HARDWARE SHALL BE SELECTED TO ALLOW FOR CLOSING SPEED REQUIREMENTS FOR ACCESSIBILITY. COORDINATE THESE REQUIREMENTS WITH LOCAL CODE AND PROVIDE THE STRICTER.

KEY NOTES:

1. 36" MIN. WIDE ACCESSIBLE ROUTE
2. ARRANGE/MAINTAIN MOVABLE FURNITURE SO AS TO PROVIDE AN ACCESSIBLE ROUTE THROUGH ALL AREAS USED BY GUESTS
3. CARD READER AND/OR AFTER-HOURS INTERCOM, MOUNTED WITHIN ACCESSIBLE REACH RANGE. MUST BE ON AN ACCESSIBLE ROUTE AND HAVE CLEAR FLOOR SPACE FOR FRONT OR PARALLEL APPROACH
4. AN EMERGENCY BUTTON OR HOUSE PHONE MUST BE PROVIDED AT THE POOL. IT MUST BE IN A WEATHER TIGHT ENCLOSURE. WHEN THE RECEIVER IS LIFTED OR THE BUTTON IS PUSHED, THE FRONT DESK OR THE LOCAL EMERGENCY AUTHORITY, IF REQUIRED BY THE LOCAL AUTHORITY, MUST BE DIALED IMMEDIATELY. MOUNT WITHIN ACCESSIBLE REACH RANGE. PHONE MUST BE EQUIPPED WITH VOLUME CONTROL AND A MIN. 29" LONG CORD. AN ACCESSIBLE ROUTE MUST BE PROVIDED TO THE EMERGENCY HOUSE PHONE OR EMERGENCY BUTTON WITH A CLEAR FLOOR SPACE FOR FRONT OR SIDE APPROACH
5. EMERGENCY PHONE OR BUTTON LOCATED WITHIN ACCESSIBLE REACH RANGE, ON AN ACCESSIBLE ROUTE AND WITH CLEAR FLOOR SPACE FOR FRONT OR SIDE APPROACH. PHONE MUST BE EQUIPPED WITH VOLUME CONTROL AND A MIN. 29" LONG CORD
6. ACCESSIBLE ICE MACHINE WITH REQUIRED 30"x48" CLEAR FLOOR SPACE. ALL CONTROLS INTENDED FOR GUEST USE TO BE WITHIN REQUIRED ACCESSIBLE REACH RANGE. PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE (1:48 MAX) TOWARDS DRAIN WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS. INSULATE DRAIN PIPES
7. 5% OF COAT STORAGE TO BE WITHIN ACCESSIBLE REACH RANGE - 15" TO 48" A.F.F.
8. SLOPE OF POOL DECK AREA MUST NOT EXCEED 1:48 IN ANY DIRECTION
9. FLOOR TRENCH DRAIN GRATING TO ALLOW ACCESSIBLE TRAVEL IN EACH DIRECTION - GRATE OPENINGS MUST BE 1/2" MAX IN EITHER DIRECTION
10. EMPLOYEE LOCKERS: PROVIDE QUANTITY OF ACCESSIBLE LOCKERS AS REQUIRED BY ACCESSIBILITY REQUIREMENTS OR LOCAL JURISDICTION'S CODE, WHICHEVER IS MORE STRICT. ACCESSIBLE LOCKER MUST BE LOCATED WHERE THERE IS A CLEAR FLOOR SPACE TO REACH THE SHELVES, LOCK, ETC.
11. ELEMENTS FOR GUEST LAUNDRY. PROVIDE REQUIRED ACCESSIBLE EQUIPMENT. COUNTERS, STORAGE, HOUSE PHONE, AND TURNING SPACE
12. REFER TO FRONT DESK MILLWORK FOR ADDITIONAL ACCESSIBILITY REQUIREMENTS
13. HOUSE PHONE

SYMBOL / FIXTURES KEY:

- ACCESSIBLE ROOM
- ROOM WITH COMMUNICATIONS FEATURE
- MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM – REFER TO DOOR SCHEDULE

GENERAL NOTES:

1. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED BETWEEN 15" AND 48" WHERE THE REACH DEPTH IS LESS THAN 20" AND MUST HAVE A 30"x48" MINIMUM CLEAR FLOOR SPACE FOR FORWARD OR PARALLEL APPROACH. WHERE THE REACH DEPTH EXCEEDS 20" THE HIGH FORWARD REACH SHALL BE 44. REACH DEPTH SHALL BE 25" MAXIMUM. CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
2. COMMON EMPLOYEE AREAS SUCH AS BREAK ROOMS, LOCKER/TOILET/SHOWER ROOMS MUST BE ACCESSIBLE AND HAVE ACCESSIBLE FEATURES AND FIXTURES. EMPLOYEE WORK AREAS LESS THAN 1000 SQFT AS DEFINED BY PERMANENTLY INSTALLED PARTITIONS, COUNTERS, CASEWORK OR FURNISHINGS ARE NOT REQUIRED TO HAVE AN ACCESSIBLE PATH OF CIRCULATION THROUGHOUT THE SPACE BUT ARE REQUIRED TO BE CONSTRUCTED SO AN INDIVIDUAL CAN APPROACH, ENTER AND EXIT THE SPACE.
3. IN COMMON SPACES WITHIN EMPLOYEE AREAS AT LEAST ONE OF EACH TYPE OF STORAGE OR WORK COUNTER, SINK OR LOCKERS, AND CONTROLS (EM PHONES, CARD READERS, ETC.) MUST BE ON AN ACCESSIBLE ROUTE, WITHIN REACH RANGE AND MUST COMPLY WITH STANDARDS FOR CONTROLS AS DEFINED IN THE GOVERNING ACCESSIBILITY STANDARDS OR LOCAL CODE WHICHEVER IS STRICTER.
4. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (1999 OR 2010 ADDITION) AND AS REQUIRED BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC AND COMMON USE AREAS AND GUEST ROOMS DESIGNATED AS "GUEST ROOMS WITH COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQUIRED BY LOCAL AUTHORITIES.
5. OPERABLE PORTION OF CARD READER TO BE MOUNTED AT 48" OR BELOW WITH CLEAR FLOOR SPACE FOR FRONT OR PARALLEL APPROACH.
6. ALL SIGNS IDENTIFYING PERMANENT ROOMS OR SPACES ARE REQUIRED TO HAVE VISUAL AND RAISED CHARACTERS AND BRAILLE. SIGNAGE TO BE MOUNTED ON LATCH SIDE OF DOOR WITH THE LOWEST TACTILE CHARACTERS NO LOWER THAN 48" AND THE BOTTOM OF THE HIGHEST TACTILE CHARACTERS NO HIGHER THAN 60" AFF.
7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO A CIRCULATION PATH ABOVE 27" AND BELOW 80" IS LIMITED TO A 4" MAXIMUM PROJECTION
8. REFER TO **HADG** FOR ADDITIONAL REQUIREMENTS FOR PUBLIC SPACES & EQUIPMENT
9. IN PUBLIC AREAS INTENDED FOR DINING, AT LEAST 5% OF THE TABLES MUST BE ACCESSIBLE WITH COMPLIANT KNEE AND TOE CLEARANCE AND LOCATED ON AN ACCESSIBLE ROUTE AND DISTRIBUTED THROUGHOUT THE SPACE
10. ALL EQUIPMENT, FURNITURE AND MILLWORK INTENDED FOR GUEST USE MUST MEET ALL CLEARANCES AND REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER
11. ALL OPERABLE WINDOWS PROVIDED IN PUBLIC GUEST ACCESSIBLE SPACES AND IN ACCESSIBLE GUEST ROOM TYPES MUST MEET ALL ACCESSIBILITY REQUIREMENTS PERTAINING TO REACH RANGE, OPERATING CONTROLS AND CLEAR FLOOR SPACE - HARDWARE AND WINDOW OPERATION MUST BE NO GREATER THAN 5 LBS.
12. PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT DOOR THRESHOLDS. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2
13. ALL DATA AND POWER RECEPTACLES INTENDED FOR GUEST ACCESS/USE MUST BE INSTALLED WITHIN ACC. REACH RANGES – REFER TO GENERAL NOTE #1

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST FLOOR ACCESSIBILITY PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A2.00



1 A2.00a TYPICAL FLOOR - ACCESSIBILITY PLAN

SCALE: 3/32" = 1'-0"

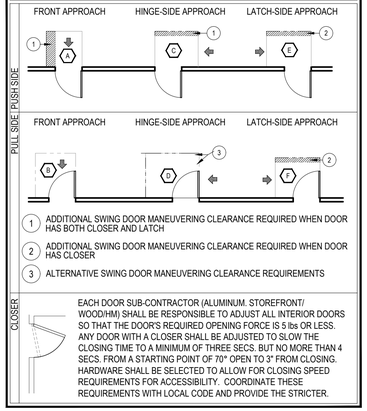
Accessible Clearance Legend

- (A) **DOOR MANEUVERING SPACE:** FRONT APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH x 48"
  - (1) 12" BEYOND DOOR WIDTH AT LATCH SIDE WHEN DOOR HAS LATCH AND CLOSER
- (B) **DOOR MANEUVERING SPACE:** FRONT APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 18" x 60"
- (C) **DOOR MANEUVERING SPACE:** HINGE SIDE APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR + 22" x 42",
  - (1) PUSH SIDE CLEAR FLOOR SPACE = DOOR + 22" x 4'-0" (WHEN DOOR HAS LATCH AND CLOSER)
- (D) **DOOR MANEUVERING SPACE:** HINGE SIDE APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 42" x 54"
  - (3) ALTERNATIVE PERMISSIBLE CLEAR FLOOR SPACE = DOOR WIDTH + 36" x 60"
- (E) **DOOR MANEUVERING SPACE:** LATCH SIDE APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 42"
  - (2) PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 48" (WHEN DOOR HAS CLOSER)
- (F) **DOOR MANEUVERING SPACE:** LATCH SIDE APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 48"
  - (2) PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" x 54" (WHEN DOOR HAS CLOSER)
- (G) **AREA OF REFUGE:** 30" x 48" CLEAR FLOOR SPACE
- (H) **TURNING SPACE:** 5'-0" DIAMETER TURNING AREA *(T-SHAPED SPACE ALSO ALLOWED PER ACCESSIBILITY REQUIREMENTS)*
- (J) **ACCESSIBLE ROUTE:** 36" WIDE AISLE x LENGTH OF ACCESSIBLE PIECE OF EQ. OR FURNITURE (48" MIN.)
- (K) **WATER CLOSET CLEARANCE:** 56" x 60"
- (L) **CLEAR DECK SPACE:** PARALLEL TO POOL LIFTS 36" X 48"
- (M) **WATER CLOSET CLEARANCE:** 59" x 60" (FLOOR MOUNTED IN A COMPARTMENT)
- (N) **CLEAR FLOOR SPACE:** FRONT OR SIDE APPROACH 30" x 48"

CLEAR FLOOR SPACE — DESIGNATED REQUIRED CLEAR FLOOR SPACE (CFS) PER ACCESSIBILITY REQUIREMENTS. REFER TO DIAGRAM ON THIS SHEET AND SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ. CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT, FURNITURE AND AREAS REQUIRED TO BE ACCESSIBLE. REFER TO **HADG** FOR FURTHER INFORMATION.

DOOR SIZES TO BE 3'-0" WIDE (UNLESS NOTED OTHERWISE) OR DOOR WITH 2'-8" CLEAR WHEN DOOR IS OPEN AT 90°. INFORMATION ON THIS SHEET IS INTENDED TO DEMONSTRATE CLEAR FLOOR AREA AND DOOR CLEARANCE REQUIREMENTS FOR ACCESSIBILITY AS DESIGNED IN THIS PROTOTYPE SET. THE ARCHITECT OF RECORD IS REQUIRED TO CONFORM TO ALL STATE AND LOCAL CODES IN ADDITION TO THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER ALSO TO SHEET A10.01 FOR DOOR CLEARANCE REQUIREMENTS. ENLARGED PLAN REFERENCES CONTAIN CLEAR FLOOR AREA INFORMATION ON THOSE SHEETS, INCLUDING REQUIREMENTS FOR PLUMBING FIXTURE CLEARANCES.

Swing Door Maneuvering Clearances



1. ADDITIONAL SWING DOOR MANEUVERING CLEARANCE REQUIRED WHEN DOOR HAS BOTH CLOSER AND LATCH
2. ADDITIONAL SWING DOOR MANEUVERING CLEARANCE REQUIRED WHEN DOOR HAS CLOSER
3. ALTERNATIVE SWING DOOR MANEUVERING CLEARANCE REQUIREMENTS

CLOSER — EACH DOOR SUB-CONTRACTOR (ALUMINUM. STOREFRONT/ WOOD/HM) SHALL BE RESPONSIBLE TO ADJUST ALL INTERIOR DOORS SO THAT THE DOOR'S REQUIRED OPENING FORCE IS 5 lbs OR LESS. ANY DOOR WITH A CLOSER SHALL BE ADJUSTED TO SLOW THE CLOSING TIME TO A MINIMUM OF THREE SECS. BUT NO MORE THAN 4 SECS. FROM A STARTING POINT OF 70° OPEN TO 3° FROM CLOSING. HARDWARE SHALL BE SELECTED TO ALLOW FOR CLOSING SPEED REQUIREMENTS FOR ACCESSIBILITY. COORDINATE THESE REQUIREMENTS WITH LOCAL CODE AND PROVIDE THE STRICTER.

KEY NOTES:

1. 36" MIN. WIDE ACCESSIBLE ROUTE
2. ARRANGE/MAINTAIN MOVABLE FURNITURE SO AS TO PROVIDE AN ACCESSIBLE ROUTE THROUGH ALL AREAS USED BY GUESTS
3. CARD READER AND/OR AFTER-HOURS INTERCOM, MOUNTED WITHIN ACCESSIBLE REACH RANGE. MUST BE ON AN ACCESSIBLE ROUTE AND HAVE CLEAR FLOOR SPACE FOR FRONT OR PARALLEL APPROACH
4. AN EMERGENCY BUTTON OR HOUSE PHONE MUST BE PROVIDED AT THE POOL. IT MUST BE IN A WEATHER TIGHT ENCLOSURE. WHEN THE RECEIVER IS LIFTED OR THE BUTTON IS PUSHED, THE FRONT DESK OR THE LOCAL EMERGENCY AUTHORITY, IF REQUIRED BY THE LOCAL AUTHORITY, MUST BE DIALED IMMEDIATELY. MOUNT WITHIN ACCESSIBLE REACH RANGE. PHONE MUST BE EQUIPPED WITH VOLUME CONTROL AND A MIN. 29" LONG CORD. AN ACCESSIBLE ROUTE MUST BE PROVIDED TO THE EMERGENCY HOUSE PHONE OR EMERGENCY BUTTON WITH A CLEAR FLOOR SPACE FOR FRONT OR SIDE APPROACH
5. EMERGENCY PHONE OR BUTTON LOCATED WITHIN ACCESSIBLE REACH RANGE. ON AN ACCESSIBLE ROUTE AND WITH CLEAR FLOOR SPACE FOR FRONT OR SIDE APPROACH. PHONE MUST BE EQUIPPED WITH VOLUME CONTROL AND A MIN. 29" LONG CORD
6. ACCESSIBLE ICE MACHINE WITH REQUIRED 30"x48" CLEAR FLOOR SPACE. ALL CONTROLS INTENDED FOR GUEST USE TO BE WITHIN REQUIRED ACCESSIBLE REACH RANGE. PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE (1:48 MAX) TOWARDS DRAIN WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS, INSULATE DRAIN PIPES
7. 5% OF COAT STORAGE TO BE WITHIN ACCESSIBLE REACH RANGE - 15" TO 48" A.F.F.
8. SLOPE OF POOL DECK AREA MUST NOT EXCEED 1:48 IN ANY DIRECTION
9. FLOOR TRENCH DRAIN GRATING TO ALLOW ACCESSIBLE TRAVEL IN EACH DIRECTION - GRATE OPENINGS MUST BE 1/2" MAX IN EITHER DIRECTION
10. EMPLOYEE LOCKERS: PROVIDE QUANTITY OF ACCESSIBLE LOCKERS AS REQUIRED BY ACCESSIBILITY REQUIREMENTS OR LOCAL JURISDICTION'S CODE, WHICHEVER IS MORE STRICT. ACCESSIBLE LOCKER MUST BE LOCATED WHERE THERE IS A CLEAR FLOOR SPACE TO REACH THE SHELVES, LOCK, ETC.
11. ELEMENTS FOR GUEST LAUNDRY. PROVIDE REQUIRED ACCESSIBLE EQUIPMENT. COUNTERS, STORAGE, HOUSE PHONE, AND TURNING SPACE
12. REFER TO FRONT DESK MILLWORK FOR ADDITIONAL ACCESSIBILITY REQUIREMENTS
13. HOUSE PHONE

SYMBOL / FIXTURES KEY:

- ACCESSIBLE ROOM
- ROOM WITH COMMUNICATIONS FEATURE
- MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM – REFER TO DOOR SCHEDULE

GENERAL NOTES:

1. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED BETWEEN 15" AND 48" WHERE THE REACH DEPTH IS LESS THAN 20" AND MUST HAVE A 30"x48" MINIMUM CLEAR FLOOR SPACE FOR FORWARD OR PARALLEL APPROACH. WHERE THE REACH DEPTH EXCEEDS 20" THE HIGH FORWARD REACH SHALL BE 44. REACH DEPTH SHALL BE 25" MAXIMUM. CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
2. COMMON EMPLOYEE AREAS SUCH AS BREAK ROOMS, LOCKER/TOILET/SHOWER ROOMS MUST BE ACCESSIBLE AND HAVE ACCESSIBLE FEATURES AND FIXTURES. EMPLOYEE WORK AREAS LESS THAN 1000 SQFT AS DEFINED BY PERMANENTLY INSTALLED PARTITIONS, COUNTERS, CASEWORK OR FURNISHINGS ARE NOT REQUIRED TO HAVE AN ACCESSIBLE PATH OF CIRCULATION THROUGHOUT THE SPACE BUT ARE REQUIRED TO BE CONSTRUCTED SO AN INDIVIDUAL CAN APPROACH, ENTER AND EXIT THE SPACE.
3. IN COMMON SPACES WITHIN EMPLOYEE AREAS AT LEAST ONE OF EACH TYPE OF STORAGE OR WORK COUNTER, 5% OR LOCKERS, AND CONTROLS (EM PHONES, CARD READERS, ETC.) MUST BE ON AN ACCESSIBLE ROUTE, WITHIN REACH RANGE AND MUST COMPLY WITH STANDARDS FOR CONTROLS AS DEFINED IN THE GOVERNING ACCESSIBILITY STANDARDS OR LOCAL CODE WHICHEVER IS STRICTER.
4. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (1999 OR 2010 ADDITION) AND AS REQUIRED BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC AND COMMON USE AREAS AND GUEST ROOMS DESIGNATED AS "GUEST ROOMS WITH COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM. UNLESS GREATER STANDARDS ARE REQUIRED BY LOCAL AUTHORITIES.
5. OPERABLE PORTION OF CARD READER TO BE MOUNTED AT 48" OR BELOW WITH CLEAR FLOOR SPACE FOR FRONT OR PARALLEL APPROACH.
6. ALL SIGNS IDENTIFYING PERMANENT ROOMS OR SPACES ARE REQUIRED TO HAVE VISUAL AND RAISED CHARACTERS AND BRAILLE. SIGNAGE TO BE MOUNTED ON LATCH SIDE OF DOOR WITH THE LOWEST TACTILE CHARACTERS NO LOWER THAN 48" AND THE BOTTOM OF THE HIGHEST TACTILE CHARACTERS NO HIGHER THAN 60" AFF.
7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO A CIRCULATION PATH ABOVE 27" AND BELOW 80" IS LIMITED TO A 4" MAXIMUM PROJECTION
8. REFER TO **HADG** FOR ADDITIONAL REQUIREMENTS FOR PUBLIC SPACES & EQUIPMENT
9. IN PUBLIC AREAS INTENDED FOR DINING, AT LEAST 5% OF THE TABLES MUST BE ACCESSIBLE WITH COMPLIANT KNEE AND TOE CLEARANCE AND LOCATED ON AN ACCESSIBLE ROUTE AND DISTRIBUTED THROUGHOUT THE SPACE
10. ALL EQUIPMENT, FURNITURE AND MILLWORK INTENDED FOR GUEST USE MUST MEET ALL CLEARANCES AND REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER
11. ALL OPERABLE WINDOWS PROVIDED IN PUBLIC/ GUEST ACCESSIBLE SPACES AND IN ACCESSIBLE GUEST ROOM TYPES MUST MEET ALL ACCESSIBILITY REQUIREMENTS PERTAINING TO REACH RANGE, OPERATING CONTROLS AND CLEAR FLOOR SPACE - HARDWARE AND WINDOW OPERATION MUST BE NO GREATER THAN 5 LBS.
12. PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT DOOR THRESHOLDS. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2
13. ALL DATA AND POWER RECEPTACLES INTENDED FOR GUEST ACCESS/USE MUST BE INSTALLED WITHIN ACC. REACH RANGES – REFER TO GENERAL NOTE #1

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

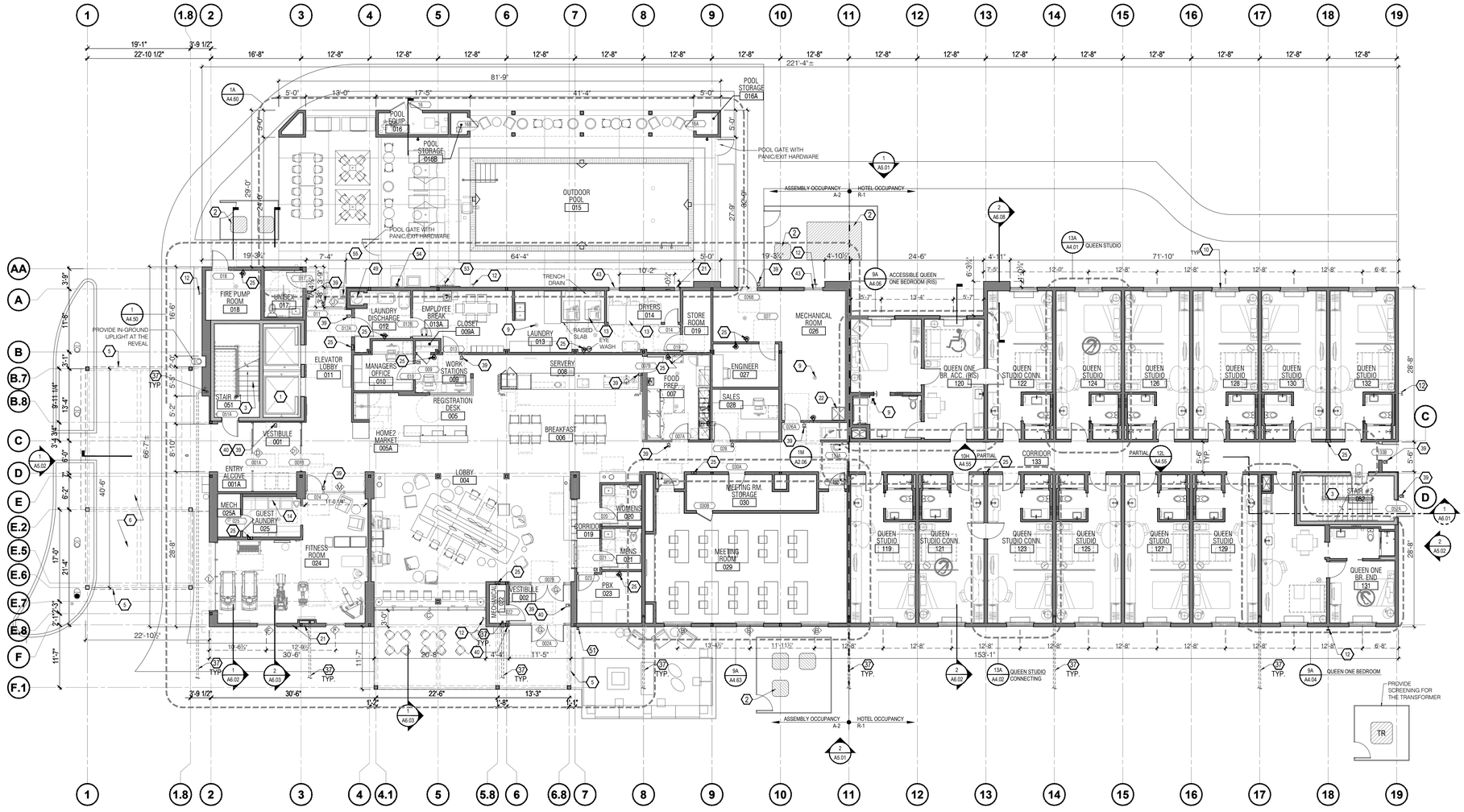
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
TYPICAL FLOOR- ACCESSIBILITY PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A2.00a



1A FIRST FLOOR PLAN
A2.01 SCALE: 3/32" = 1'-0"

GROSS BUILDING AREA

LEVEL	AREA
FIRST FLOOR	13,702 SF
SECOND FLOOR	13,858 SF
THIRD FLOOR	13,858 SF
FOURTH FLOOR	13,858 SF
GRAND TOTAL	55,276 SF

Accessible Rm. Matrix

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ROLL-IN SHOWER	2	2	ROOMS 120, 220
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ACCESSIBLE TUB	5	2	ROOMS 320, 420
♿	QUEEN STUDIO-ACCESSIBLE W/ ACCESSIBLE TUB		3	ROOMS 201,301, 401
TOTAL			7	

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
⊘	C.F. QUEEN STUDIO	11	4	ROOMS 124, 214, 319, 419
⊘	C.F. QUEEN STUDIO-CONNECTING		4	ROOMS 121, 212, 312, 412
⊘	C.F. QUEEN ONE BEDROOM		3	ROOMS 131, 231, 331
⊘	C.F. QUEEN STUDIO-ACCESSIBLE	1	1	ROOM 201
TOTAL		12	12	

- C.F. DENOTES ROOMS THAT HAVE COMMUNICATING FEATURES. ONE (1) COMMUNICATION FEATURE ROOM MUST ALSO BE ACCESSIBLE, BUT NO MORE THAN 10% OF ROOMS THAT COUNT TOWARDS THE REQUIRED C.F. TOTAL ROOM

Guest Room Count Breakdown - 104 Total Rooms

	GROUND FLR	2ND FLOOR	3RD FLOOR	4TH FLOOR	TOTAL
QUEEN STUDIO:	9	21	21	21	72
QUEEN ONE BEDROOM:	1	1	1	1	4
QUEEN STUDIO - ACCESSIBLE:	--	1	1	1	3
QUEEN ONE BEDROOM - ACCESSIBLE:	1	1	1	1	4
QUEEN STUDIO - CONNECTING:	3	6	6	6	21
	14	30	30	30	104

XXX FURNISHINGS LEGEND:

IF-903	ART WORK
IF-404	ROMAN SHADE
IF-808	CONSOLE TABLE
404	WIRE SHELVING

KEY NOTES:

1. THIS ELEVATOR CAR SHALL BE LARGE ENOUGH TO ACCOMMODATE AN AMBULANCE STRETCHER
2. OUTDOOR HVAC UNITS. COORDINATE WITH CIVIL AND MECHANICAL DWGS. PROVIDE CONCRETE PAD AND SCREEN FENCE WITH CLEARANCES AS REQD. BY MFR.
3. EGRESS STAIR IN CONCRETE MASONRY STAIR ENCLOSURE
4. ROOF ACCESS LADDER. SEE MFR. SHOP DRAWINGS
5. LINE OF ROOF/ CANOPY ABOVE
6. VEHICULAR DROP OFF – REFER TO SITE PLAN AND DETAILS
7. MECHANICAL, ELECTRICAL AND PLUMBING CHASE
8. CARRY CARPET PATTERN INTO DOOR TO TRANSITION STRIP AS INDICATED – REFER TO SHEET A10.03 FOR TRANSITION DETAIL
9. FLOOR DRAIN
10. PTAC UNIT
11. STAND PIPE.
12. TAMPER RESISTANT FROST FREE HOSE BIB MOUNTED AT +12" A.F.F.
13. HOTEL LAUNDRY EQUIPMENT – REFER TO ENLARGED PLAN
14. GUEST LAUNDRY EQUIPMENT – GUEST DRYER TO EXHAUST DIRECTLY TO OUTSIDE
15. PROVIDE CONVENIENCE OUTLETS IN CORRIDORS FOR HOUSEKEEPING EQUIPMENT AT MINIMUM EVERY 50'
16. DASHED LINE INDICATES PATH OF FULLY CONCEALED ROOF LEADER IN CANOPY ROOF.
17. CANOPY ROOF OVERFLOW SCUPPER
18. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA: PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS; INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND **HADG** FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
19. 60 MIL TPO MEMBRANE ROOFING OVER POLY-ISO INSULATION. PROVIDE INSULATION PER CODE DATA. MAINTAIN MIN. SLOPE OF ¼"=1'-0" TOWARDS ROOF DRAINS
20. CANOPY/ TRELLIS BELOW
21. DRYER VENT LOUVER – REFER TO ELEVATIONS
22. 36" x 36" MOP SINK LOCATION
23. MAINTENANCE DESK
24. WIRE SHELVING SYSTEM – REFER TO FF&E
25. FIRE EXTINGUISHER (CABINET IN PUBLIC AREAS, WALL MOUNTED EXTINGUISHER IN BOH AREAS); INSTALLED SO THAT NO OPERABLE PART IS HIGHER THAN 48" A.F.F.
26. MEMBRANE ROOF, SLOPE STRUCTURE TO DRAIN TOWARDS ROOF DRAINS/GUTTERS
27. TAPERED INSULATION CRICKET
28. THRU-WALL SCUPPER WITH EMERGENCY OVERFLOW DRAIN.
29. ROOF HATCH. SEE DETAILS.
30. ROOF PARAPET
31. FULLY ADHERED TPO MEMBRANE TO PARAPET. TURN UP AND OVER PARAPET
32. TOILET VENT. SEE MECH. DRAWINGS
33. MAKE UP AIR UNIT ON ROOF CURB
34. ELEVATOR SHAFT BELOW
35. LAMINATED GLASS BEACON, REFER TO EXTERIOR ELEVATIONS
36. LAUNDRY CHUTE VENT
37. PRIMARY ROOF DRAINS. MAX. 4" DIA. PVC DOWNSPOUT TO BE INSTALLED IN THE DEMISING WALL BETWEEN GUEST ROOMS OR OUTER WALL CAVITY AS SHOWN IN THE FLOOR PLANS. PROVIDE WALL BEARING POST AS REQUIRED PER STR. DWGS. ON BOTH SIDES OF THE PIPE. FIRE BLOCK AND OR TIE DBL. TOP PLATE AS REQUIRED PER SITE CONDITIONS. PROVIDE TIGHT FITTED SOUND DEADENING INSULATION AROUND THE SPOUT WHEN PIPE TRAVELS VERTICALLY
ON FIRST FLOOR THE DRAINS SHOULD RUN UNDER SLAB AND TIED INTO NEAREST STORM DRAINAGE AT DAYLIGHT.
38. MECHANICAL EQUIPMENT SCREEN TO BE TALL ENOUGH TO FULLY HIDE EQUIPMENT--PROVIDE CLEARANCE AND ACCESS AS REQUIRED BY EQUIPMENT MANUFACTURER AND/OR LOCAL CODE PROVISIONS
39. KEYCARD READER ENTRANCE HARDWARE; MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE OR FINISH FLOOR.
40. PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING). MOUNT SO TOP OF DEVICE IS MAXIMUM OF 48" ABOVE GRADE. PROVIDE CLEAR FLOOR SPACE AS REQUIRED BY ACCESSIBILITY AT DEVICE.
41. CONT. GUTTER WITH DOWNSPOUT AND SPLASH BLOCK
42. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
43. MECHANICAL LOUVER
44. FLUORESCENT FLOODLIGHT
45. EXPOSED CMU CORNER TO HAVE 1" RADIUS BULLNOSE
46. WALKWAY PROTECTION PAD IN CONTRASTING COLOR TO ROOF
47. ALTERNATING TREAD STAIR TO UPPER ROOF
48. INDICATES DIRECTION OF CARPET PATTERN. REFER TO MFR FOR DIRECTION
49. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
50. BUILT UP PARAPET KICKERS. SEE STR. DWGS. FULLY ADHERE TPO ROOFING ON ROOF SHEATHING. SEE WALL SECTIONS
51. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT
52. 6"X5" PAINTED ALUMINUM RAINWATER DOWNSPOUT FOR CANOPY ROOF. CONNECT TO STORM NEAREST STORM WATER PIPE
53. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
54. EMERGENCY TELEPHONE
55. HI-LO DRINKING FOUNTAIN

SYMBOL / FIXTURES KEY:

- ♿ ACCESSIBLE ROOM
- ⊘ C.F. ROOM - REFER TO ENLARGED GUESTROOM PLANS FOR POWER AND SIGNAL
- MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM – REFER TO DOOR SCHEDULE, ELEC. & ALARM DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO ENLARGED GUEST ROOM PLANS FOR DOOR TAGS & TYPES
2. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR PASSENGER ELEVATORS, ELEVATOR LOBBIES & CORRIDORS.
REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR STORAGE AREAS.
3. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR MECHANICAL, ELECTRICAL, & EQUIPMENT ROOMS.
4. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS WITH THE PUBLIC SPACE SHALL BE CONTAINED WITH FULLY RECESSED CABINETS.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR ROOFING MATERIALS.
ROOF SLOPES & NUMBER OF ROOF DRAINS PER LOCAL BUILDING CODES.
REFER TO STANDARDS FOR FIXTURE & EQUIPMENT REQ'S.
6. REFER TO **HADG** FOR FURTHER ADDITIONAL REQ'S FOR PUBLIC SPACES & EQUIPMENT.
7. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE & VISIBLE ALARMS COMPLYING W/ NFPA 72 (1999 OR 2022 ADDITION) & AS REQ'D BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC & COMMON USE AREAS &
8. GUEST ROOMS DESIGNATED AS "GUEST ROOMS W/ COMMUNICATIONS FEATURES" AT A MINIMUM, WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING
9. SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQ'D BY LOCAL AUTHORITIES.
10.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINIMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

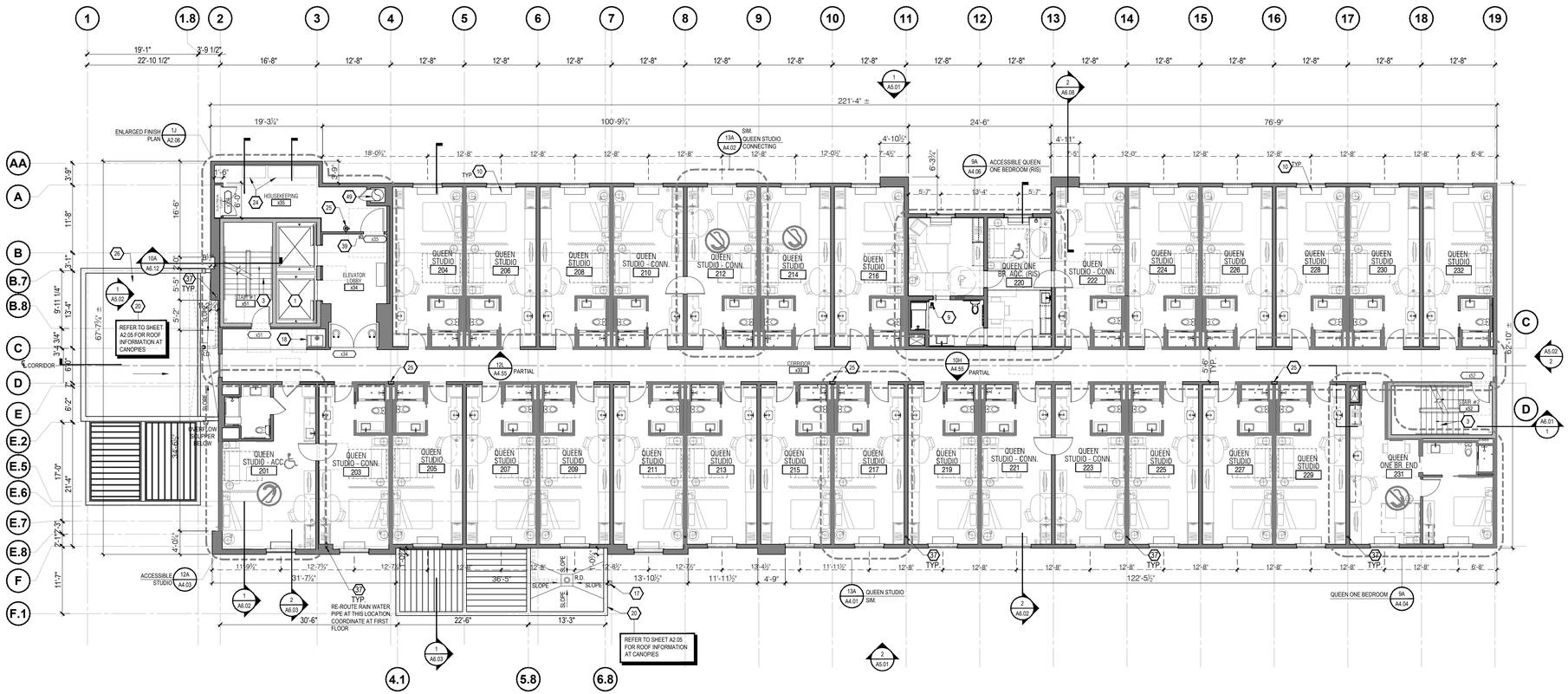
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A2.01



1 A2.02 SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

GROSS BUILDING AREA

LEVEL	AREA
FIRST FLOOR	13,702 SF
SECOND FLOOR	13,858 SF
THIRD FLOOR	13,858 SF
FOURTH FLOOR	13,858 SF
GRAND TOTAL	55,276 SF

Accessible Rm. Matrix

	ROOM TYPE	REQD COUNT	PROVIDED COUNT	REMARKS
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ROLL-IN SHOWER	2	2	ROOMS 120, 220
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ACCESSIBLE TUB	5	2	ROOMS 320, 420
♿	QUEEN STUDIO-ACCESSIBLE W/ ACCESSIBLE TUB		3	ROOMS 201,301, 401
TOTAL			7	

	ROOM TYPE	REQD COUNT	PROVIDED COUNT	REMARKS
⊘	C.F. QUEEN STUDIO	11	4	ROOMS 124, 214, 319, 419
⊘	C.F. QUEEN STUDIO-CONNECTING		4	ROOMS 121, 212, 312, 412
⊘	C.F. QUEEN ONE BEDROOM		3	ROOMS 131, 231, 331
⊘	C.F. QUEEN STUDIO-ACCESSIBLE	1	1	ROOM 201
TOTAL		12	12	

- C.F. DENOTES ROOMS THAT HAVE COMMUNICATING FEATURES. ONE (1) COMMUNICATION FEATURE ROOM MUST ALSO BE ACCESSIBLE, BUT NO MORE THAN 10% OF ROOMS THAT COUNT TOWARDS THE REQUIRED C.F. TOTAL ROOM

Guest Room Count Breakdown - 104 Total Rooms

	GROUND FLR	2ND FLOOR	3RD FLOOR	4TH FLOOR	TOTAL
QUEEN STUDIO:	9	21	21	21	72
QUEEN ONE BEDROOM:	1	1	1	1	4
QUEEN STUDIO - ACCESSIBLE:	--	1	1	1	3
QUEEN ONE BEDROOM - ACCESSIBLE:	1	1	1	1	4
QUEEN STUDIO - CONNECTING:	3	6	6	6	21
	14	30	30	30	104

XXX FURNISHINGS LEGEND:

IF-903	ART WORK
IF-404	ROMAN SHADE
IF-808	CONSOLE TABLE
404	WIRE SHELVING

KEY NOTES:

1. THIS ELEVATOR CAR SHALL BE LARGE ENOUGH TO ACCOMMODATE AN AMBULANCE STRETCHER
2. OUTDOOR HVAC UNITS. COORDINATE WITH CIVIL AND MECHANICAL DWGS. PROVIDE CONCRETE PAD AND SCREEN FENCE WITH CLEARANCES AS REQD. BY MFR.
3. EGRESS STAIR IN CONCRETE MASONRY STAIR ENCLOSURE
4. ROOF ACCESS LADDER. SEE MFR. SHOP DRAWINGS
5. LINE OF ROOF/ CANOPY ABOVE
6. VEHICULAR DROP OFF – REFER TO SITE PLAN AND DETAILS
7. MECHANICAL. ELECTRICAL AND PLUMBING CHASE
8. CARRY CARPET PATTERN INTO DOOR TO TRANSITION STRIP AS INDICATED – REFER TO SHEET A10.03 FOR TRANSITION DETAIL
9. FLOOR DRAIN
10. PTAC UNIT
11. STAND PIPE.
12. TAMPER RESISTANT FROST FREE HOSE BIB MOUNTED AT +12" A.F.F.
13. HOTEL LAUNDRY EQUIPMENT – REFER TO ENLARGED PLAN
14. GUEST LAUNDRY EQUIPMENT – GUEST DRYER TO EXHAUST DIRECTLY TO OUTSIDE
15. PROVIDE CONVENIENCE OUTLETS IN CORRIDORS FOR HOUSEKEEPING EQUIPMENT AT MINIMUM EVERY 50'
16. DASHED LINE INDICATES PATH OF FULLY CONCEALED ROOF LEADER IN CANOPY ROOF.
17. CANOPY ROOF OVERFLOW SCUPPER
18. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA: PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS. INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND HADG FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
19. 60 MIL TPO MEMBRANE ROOFING OVER POLY-ISO INSULATION. PROVIDE INSULATION PER CODE DATA. MAINTAIN MIN. SLOPE OF ¼"=1'-0" TOWARDS ROOF DRAINS
20. CANOPY/ TRELLIS BELOW
21. DRYER VENT LOUVER – REFER TO ELEVATIONS
22. 36" x 36" MOP SINK LOCATION
23. MAINTENANCE DESK
24. WIRE SHELVING SYSTEM – REFER TO FF&E
25. FIRE EXTINGUISHER (CABINET IN PUBLIC AREAS, WALL MOUNTED EXTINGUISHER IN BOH AREAS); INSTALLED SO THAT NO OPERABLE PART IS HIGHER THAN 48" A.F.F.
26. MEMBRANE ROOF, SLOPE STRUCTURE TO DRAIN TOWARDS ROOF DRAINS/GUTTERS
27. TAPERED INSULATION CRICKET
28. THRU-WALL SCUPPER WITH EMERGENCY OVERFLOW DRAIN.
29. ROOF HATCH. SEE DETAILS.
30. ROOF PARAPET
31. FULLY ADHERED TPO MEMBRANE TO PARAPET. TURN UP AND OVER PARAPET
32. TOILET VENT. SEE MECH. DRAWINGS
33. MAKE UP AIR UNIT ON ROOF CURB
34. ELEVATOR SHAFT BELOW
35. LAMINATED GLASS BEACON, REFER TO EXTERIOR ELEVATIONS
36. LAUNDRY CHUTE VENT
37. PRIMARY ROOF DRAINS. MAX. 4" DIA. PVC DOWNSPOUT TO BE INSTALLED IN THE DEMISING WALL BETWEEN GUEST ROOMS OR OUTER WALL CAVITY AS SHOWN IN THE FLOOR PLANS. PROVIDE WALL BEARING POST AS REQUIRED PER STR. DWGS. ON BOTH SIDES OF THE PIPE. FIRE BLOCK AND OR TIE DBL. TOP PLATE AS REQUIRED PER SITE CONDITIONS. PROVIDE TIGHT FITTED SOUND DEADENING INSULATION AROUND THE SPOUT WHEN PIPE TRAVELS VERTICALLY
38. MECHANICAL EQUIPMENT SCREEN TO BE TALL ENOUGH TO FULLY HIDE EQUIPMENT--PROVIDE CLEARANCE AND ACCESS AS REQUIRED BY EQUIPMENT MANUFACTURER AND/OR LOCAL CODE PROVISIONS
39. KEYCARD READER ENTRANCE HARDWARE. MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE OR FINISH FLOOR
40. PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING). MOUNT SO TOP OF DEVICE IS MAXIMUM OF 48" ABOVE GRADE. PROVIDE CLEAR FLOOR SPACE AS REQUIRED BY ACCESSIBILITY AT DEVICE.
41. CONT. GUTTER WITH DOWNSPOUT AND SPLASH BLOCK
42. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
43. MECHANICAL LOUVER
44. FLUORESCENT FLOODLIGHT
45. EXPOSED CMU CORNER TO HAVE 1" RADIUS BULLNOSE
46. WALKWAY/ PROTECTION PAD IN CONTRASTING COLOR TO ROOF
47. ALTERNATING TREAD STAIR TO UPPER ROOF
48. INDICATES DIRECTION OF CARPET PATTERN. REFER TO MFR FOR DIRECTION
49. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
50. BUILT-UP PARAPET KICKERS. SEE STR. DWGS. FULLY ADHERE TPO ROOFING ON ROOF SHEATHING. SEE WALL SECTIONS
51. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT
52. 6"X5" PAINTED ALUMINUM RAINWATER DOWNSPOUT FOR CANOPY ROOF. CONNECT TO STORM NEAREST STORM WATER PIPE
53. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
54. EMERGENCY TELEPHONE
55. HI-LO DRINKING FOUNTAIN

SYMBOL / FIXTURES KEY:

- ♿ ACCESSIBLE ROOM
- ⊘ C.F. ROOM - REFER TO ENLARGED GUESTROOM PLANS FOR POWER AND SIGNAL
- MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM – REFER TO DOOR SCHEDULE, ELEC. & ALARM DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO ENLARGED GUEST ROOM PLANS FOR DOOR TAGS & TYPES
2. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR PASSENGER ELEVATORS, ELEVATOR LOBBIES & CORRIDORS.
3. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR STORAGE AREAS.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR MECHANICAL, ELECTRICAL, & EQUIPMENT ROOMS.
5. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS W/IN THE PUBLIC SPACE SHALL BE CONTAINED W/IN FULLY RECESSED CABINETS.
6. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR ROOFING MATERIALS.
7. ROOF SLOPES & NUMBER OF ROOF DRAINS PER LOCAL BUILDING CODES. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT REQ'S.
8. REFER TO HADG FOR FURTHER ADDITIONAL REQ'S FOR PUBLIC SPACES & EQUIPMENT.
9. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE & VISIBLE ALARMS COMPLYING W/ NFPA 72 (1999 OR 2002 ADDITION) & AS REQ'D BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC & COMMON USE AREAS & GUEST ROOMS DESIGNATED AS "GUEST ROOMS W/ COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQ'D BY LOCAL AUTHORITIES.
10.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

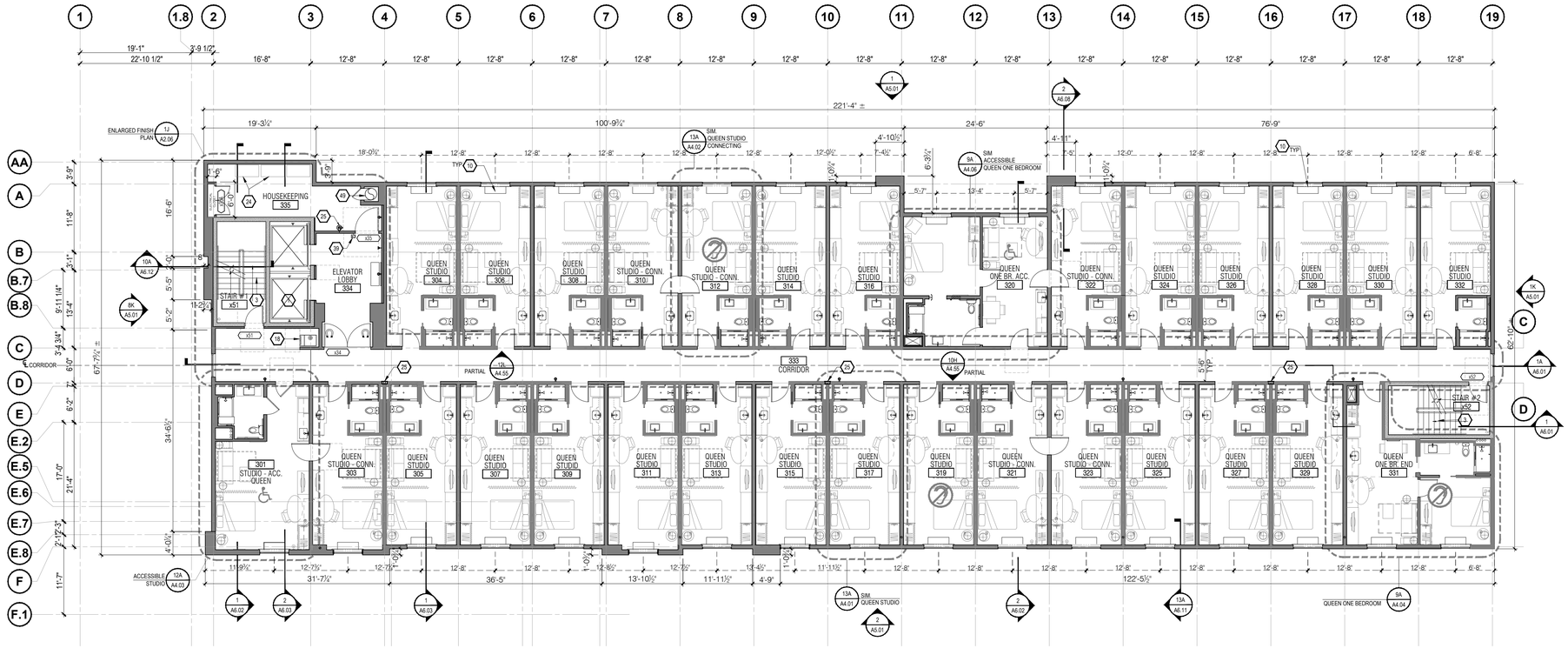
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SECOND FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A2.02



1 A2.03 THIRD FLOOR PLAN

SCALE: 3/32" = 1'-0"

Accessible Rm. Matrix

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ROLL-IN SHOWER	2	2	ROOMS 120, 220
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ACCESSIBLE TUB	5	2	ROOMS 320, 420
♿	QUEEN STUDIO-ACCESSIBLE W/ ACCESSIBLE TUB		3	ROOMS 201,301, 401
TOTAL			7	

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
⊘	C.F. QUEEN STUDIO	11	4	ROOMS 124, 214, 319, 419
⊘	C.F. QUEEN STUDIO-CONNECTING		4	ROOMS 121, 212, 312, 412
⊘	C.F. QUEEN ONE BEDROOM		3	ROOMS 131, 231, 331
⊘	C.F. QUEEN STUDIO-ACCESSIBLE	1	1	ROOM 201
TOTAL		12	12	

- C.F. DENOTES ROOMS THAT HAVE COMMUNICATING FEATURES. ONE (1) COMMUNICATION FEATURE ROOM MUST ALSO BE ACCESSIBLE, BUT NO MORE THAN 10% OF ROOMS THAT COUNT TOWARDS THE REQUIRED C.F. TOTAL ROOM

GROSS BUILDING AREA

LEVEL	AREA
FIRST FLOOR	13,702 SF
SECOND FLOOR	13,858 SF
THIRD FLOOR	13,858 SF
FOURTH FLOOR	13,858 SF
GRAND TOTAL	55,276 SF

Guest Room Count Breakdown - 104 Total Rooms

	GROUND FLR	2ND FLOOR	3RD FLOOR	4TH FLOOR	TOTAL
QUEEN STUDIO:	9	21	21	21	**72**
QUEEN ONE BEDROOM:	1	1	1	1	**4**
QUEEN STUDIO - ACCESSIBLE:	--	1	1	1	**3**
QUEEN ONE BEDROOM - ACCESSIBLE:	1	1	1	1	**4**
QUEEN STUDIO - CONNECTING:	3	6	6	6	**21**
	14	**30**	**30**	**30**	**104**

FURNISHINGS LEGEND:

XXX	FURNISHINGS LEGEND:
IF-903	ART WORK
IF-404	ROMAN SHADE
IF-808	CONSOLE TABLE
404	WIRE SHELVING

KEY NOTES:

1. THIS ELEVATOR CAR SHALL BE LARGE ENOUGH TO ACCOMMODATE AN AMBULANCE STRETCHER
2. OUTDOOR HVAC UNITS. COORDINATE WITH CIVIL AND MECHANICAL DWGS. PROVIDE CONCRETE PAD AND SCREEN FENCE WITH CLEARANCES AS REQD. BY MFR.
3. EGRESS STAIR IN CONCRETE MASONRY STAIR ENCLOSURE
4. ROOF ACCESS LADDER. SEE MFR. SHOP DRAWINGS
5. LINE OF ROOF/ CANOPY ABOVE
6. VEHICULAR DROP OFF -- REFER TO SITE PLAN AND DETAILS
7. MECHANICAL. ELECTRICAL AND PLUMBING CHASE
8. CARRY CARPET PATTERN INTO DOOR TO TRANSITION STRIP AS INDICATED -- REFER TO SHEET A10.03 FOR TRANSITION DETAIL
9. FLOOR DRAIN
10. PTAC UNIT
11. STAND PIPE.
12. TAMPER RESISTANT FROST FREE HOSE BIB MOUNTED AT +12" A.F.F.
13. HOTEL LAUNDRY EQUIPMENT -- REFER TO ENLARGED PLAN
14. GUEST LAUNDRY EQUIPMENT -- GUEST DRYER TO EXHAUST DIRECTLY TO OUTSIDE
15. PROVIDE CONVENIENCE OUTLETS IN CORRIDORS FOR HOUSEKEEPING EQUIPMENT AT MINIMUM EVERY 50'
16. DASHED LINE INDICATES PATH OF FULLY CONCEALED ROOF LEADER IN CANOPY ROOF.
17. CANOPY ROOF OVERFLOW SCUPPER
18. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA. PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN. WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS, INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND **HADG** FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
19. 60 MIL TPO MEMBRANE ROOFING OVER POLY-ISO INSULATION. PROVIDE INSULATION PER CODE DATA. MAINTAIN MIN. SLOPE OF ¼"=1'-0" TOWARDS ROOF DRAINS
20. CANOPY/ TRELLIS BELOW
21. DRYER VENT LOUVER -- REFER TO ELEVATIONS
22. 36" x 36" MOP SINK LOCATION
23. MAINTENANCE DESK
24. WIRE SHELVING SYSTEM -- REFER TO FF&E
25. FIRE EXTINGUISHER (CABINET IN PUBLIC AREAS, WALL MOUNTED EXTINGUISHER IN BOH AREAS); INSTALLED SO THAT NO OPERABLE PART IS HIGHER THAN 48" A.F.F.
26. MEMBRANE ROOF, SLOPE STRUCTURE TO DRAIN TOWARDS ROOF DRAINS/GUTTERS
27. TAPERED INSULATION CRICKET
28. THRU-WALL SCUPPER WITH EMERGENCY OVERFLOW DRAIN.
29. ROOF HATCH. SEE DETAILS.
30. ROOF PARAPET
31. FULLY ADHERED TPO MEMBRANE TO PARAPET. TURN UP AND OVER PARAPET
32. TOILET VENT. SEE MECH. DRAWINGS
33. MAKE UP AIR UNIT ON ROOF CURB
34. ELEVATOR SHAFT BELOW
35. LAMINATED GLASS BEACON. REFER TO EXTERIOR ELEVATIONS
36. LAUNDRY CHUTE VENT
37. PRIMARY ROOF DRAINS. MAX. 4" DIA. PVC DOWNSPOUT TO BE INSTALLED IN THE DEMISING WALL BETWEEN GUEST ROOMS OR OUTER WALL CAVITY AS SHOWN IN THE FLOOR PLANS. PROVIDE WALL BEARING POST AS REQUIRED PER STR. DWGS. ON BOTH SIDES OF THE PIPE. FIRE BLOCK AND OR TIE DBL. TOP PLATE AS REQUIRED PER SITE CONDITIONS. PROVIDE TIGHT FITTED SOUND DEADENING INSULATION AROUND THE SPOUT WHEN PIPE TRAVELS VERTICALLY
ON FIRST FLOOR THE DRAINS SHOULD RUN UNDER SLAB AND TIED INTO NEAREST STORM DRAINAGE AT DAYLIGHT.
38. MECHANICAL EQUIPMENT SCREEN TO BE TALL ENOUGH TO FULLY HIDE EQUIPMENT--PROVIDE CLEARANCE AND ACCESS AS REQUIRED BY EQUIPMENT MANUFACTURER AND/OR LOCAL CODE PROVISIONS
39. KEYCARD READER ENTRANCE HARDWARE; MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE OR FINISH FLOOR.
40. PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING). MOUNT SO TOP OF DEVICE IS MAXIMUM OF 48" ABOVE GRADE. PROVIDE CLEAR FLOOR SPACE AS REQUIRED BY ACCESSIBILITY AT DEVICE.
41. CONT. GUTTER WITH DOWNSPOUT AND SPLASH BLOCK
42. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
43. MECHANICAL LOUVER
44. FLUORESCENT FLOODLIGHT
45. EXPOSED CMU CORNER TO HAVE 1" RADIUS BULLNOSE
46. WALKWAY/ PROTECTION PAD IN CONTRASTING COLOR TO ROOF
47. ALTERNATING TREAD STAIR TO UPPER ROOF
48. INDICATES DIRECTION OF CARPET PATTERN. REFER TO MFR FOR DIRECTION
49. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
50. BUILT-UP PARAPET KICKERS. SEE STR. DWGS. FULLY ADHERE TPO ROOFING ON ROOF SHEATHING. SEE WALL SECTIONS
51. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT
52. 6"X5" PAINTED ALUMINUM RAINWATER DOWNSPOUT FOR CANOPY ROOF. CONNECT TO STORM NEAREST STORM WATER PIPE
53. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
54. EMERGENCY TELEPHONE
55. HI-LO DRINKING FOUNTAIN

SYMBOL / FIXTURES KEY:

♿ ACCESSIBLE ROOM

⊘ C.F. ROOM - REFER TO ENLARGED GUESTROOM PLANS FOR POWER AND SIGNAL

MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM – REFER TO DOOR SCHEDULE, ELEC. & ALARM DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO ENLARGED GUEST ROOM PLANS FOR DOOR TAGS & TYPES
2. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR PASSENGER ELEVATORS, ELEVATOR LOBBIES & CORRIDORS. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR STORAGE AREAS.
3. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR MECHANICAL, ELECTRICAL, & EQUIPMENT ROOMS.
4. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS WITH THE PUBLIC SPACE SHALL BE CONTAINED WITH FULLY RECESSED CABINETS.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR ROOFING MATERIALS.
ROOF SLOPES & NUMBER OF ROOF DRAINS PER LOCAL BUILDING CODES. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT REQ'S.
6. REFER TO **HADG** FOR FURTHER ADDITIONAL REQ'S FOR PUBLIC SPACES & EQUIPMENT.
7. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE & VISIBLE ALARMS COMPLYING W/ NFPA 72 (1999 OR 2022 ADDITION) & AS REQ'D BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC & COMMON USE AREAS &
8. GUEST ROOMS DESIGNATED AS "GUEST ROOMS W/ COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING
9. SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQ'D BY LOCAL AUTHORITIES.
10.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

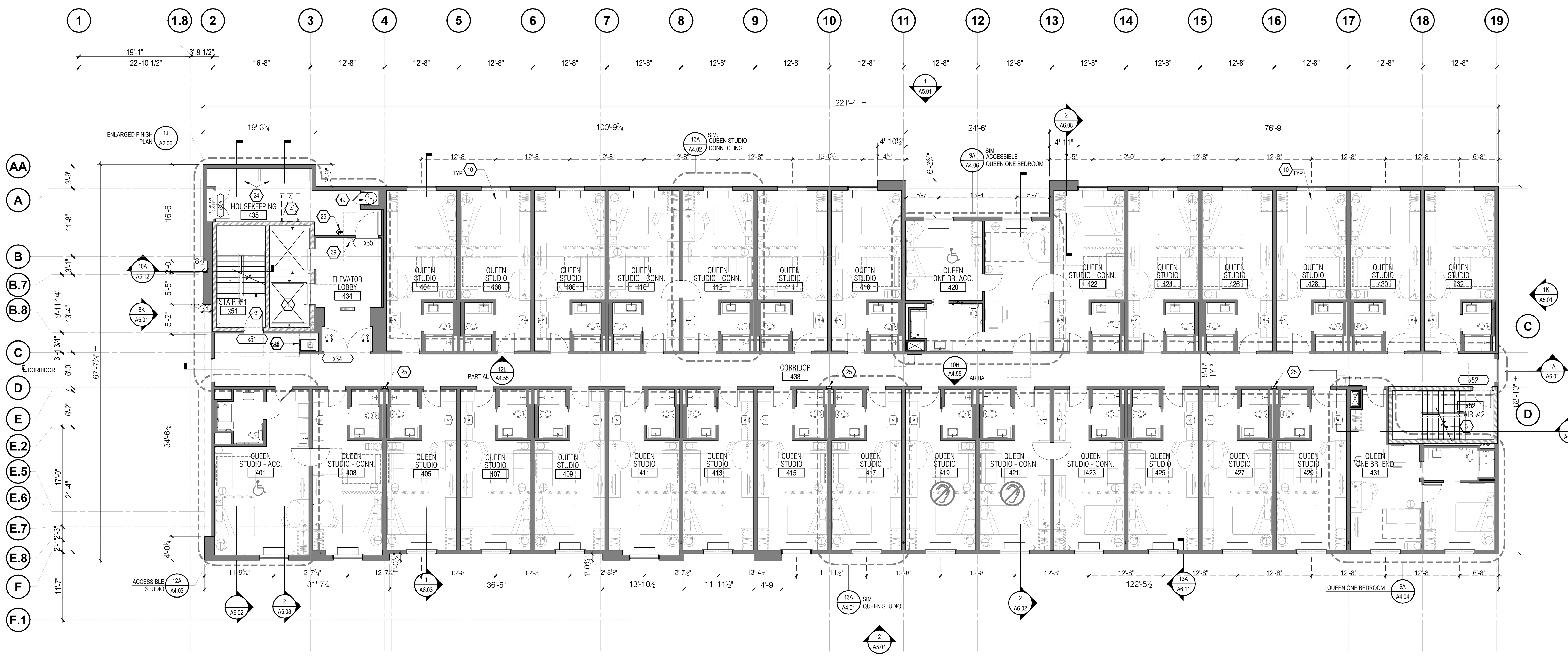
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
THIRD FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A2.03

XXX	FURNISHINGS LEGEND:
IF-903	ART WORK
IF-404	ROMAN SHADE
IF-808	CONSOLE TABLE
404	WIRE SHELVING



1 / A2.04 FOURTH FLOOR PLAN
SCALE: 3/32" = 1'-0"

GROSS BUILDING AREA

LEVEL	AREA
FIRST FLOOR	13,702 SF
SECOND FLOOR	13,858 SF
THIRD FLOOR	13,858 SF
FOURTH FLOOR	13,858 SF
GRAND TOTAL	55,276 SF

Accessible Rm. Matrix

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ROLL-IN SHOWER	2	2	ROOMS 120, 220
	QUEEN ONE BEDROOM-ACCESSIBLE W/ ACCESSIBLE TUB	5	2	ROOMS 320, 420
	QUEEN STUDIO-ACCESSIBLE W/ ACCESSIBLE TUB		3	ROOMS 201,301, 401
TOTAL			7	

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
C.F.	C.F. QUEEN STUDIO	11	4	ROOMS 124, 214, 319, 419
	C.F. QUEEN STUDIO-CONNECTING		4	ROOMS 121, 212, 312, 412
	C.F. QUEEN ONE BEDROOM		3	ROOMS 131, 231, 331
	C.F. QUEEN STUDIO-ACCESSIBLE	1	1	ROOM 201
TOTAL		12	12	

- C.F. DENOTES ROOMS THAT HAVE COMMUNICATING FEATURES. ONE (1) COMMUNICATION FEATURE ROOM MUST ALSO BE ACCESSIBLE, BUT NO MORE THAN 10% OF ROOMS THAT COUNT TOWARDS THE REQUIRED C.F. TOTAL ROOM

Guest Room Count Breakdown - 104 Total Rooms

	GROUND FLR	2ND FLOOR	3RD FLOOR	4TH FLOOR	TOTAL
QUEEN STUDIO:	9	21	21	21	72
QUEEN ONE BEDROOM:	1	1	1	1	4
QUEEN STUDIO - ACCESSIBLE:	--	1	1	1	3
QUEEN ONE BEDROOM - ACCESSIBLE:	1	1	1	1	4
QUEEN STUDIO - CONNECTING:	3	6	6	6	21
	14	30	30	30	104

KEY NOTES:

1. THIS ELEVATOR CAR SHALL BE LARGE ENOUGH TO ACCOMMODATE AN AMBULANCE STRETCHER
2. OUTDOOR HVAC UNITS. COORDINATE WITH CIVIL AND MECHANICAL DWGS. PROVIDE CONCRETE PAD AND SCREEN FENCE WITH CLEARANCES AS REQD. BY MFR.
3. EGRESS STAIR IN CONCRETE MASONRY STAIR ENCLOSURE
4. ROOF ACCESS LADDER. SEE MFR. SHOP DRAWINGS
5. LINE OF ROOF/ CANOPY ABOVE
6. VEHICULAR DROP OFF -- REFER TO SITE PLAN AND DETAILS
7. MECHANICAL. ELECTRICAL AND PLUMBING CHASE
8. CARRY CARPET PATTERN INTO DOOR TO TRANSITION STRIP AS INDICATED -- REFER TO SHEET A10.03 FOR TRANSITION DETAIL
9. FLOOR DRAIN
10. PTAC UNIT
11. STAND PIPE.
12. TAMPER RESISTANT FROST FREE HOSE BIB MOUNTED AT +12" A.F.F.
13. HOTEL LAUNDRY EQUIPMENT -- REFER TO ENLARGED PLAN
14. GUEST LAUNDRY EQUIPMENT -- GUEST DRYER TO EXHAUST DIRECTLY TO OUTSIDE
15. PROVIDE CONVENIENCE OUTLETS IN CORRIDORS FOR HOUSEKEEPING EQUIPMENT AT MINIMUM EVERY 50'
16. DASHED LINE INDICATES PATH OF FULLY CONCEALED ROOF LEADER IN CANOPY ROOF.
17. CANOPY ROOF OVERFLOW SCUPPER
18. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA: PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS, INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND **HADG** FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
19. 60 MIL TPO MEMBRANE ROOFING OVER POLY-ISO INSULATION. PROVIDE INSULATION PER CODE DATA. MAINTAIN MIN. SLOPE OF ¼"=1'-0" TOWARDS ROOF DRAINS
20. CANOPY/ TRELLIS BELOW
21. DRYER VENT LOUVER -- REFER TO ELEVATIONS
22. 36" x 36" MOP SINK LOCATION
23. MAINTENANCE DESK
24. WIRE SHELVING SYSTEM -- REFER TO FF&E
25. FIRE EXTINGUISHER (CABINET IN PUBLIC AREAS, WALL MOUNTED EXTINGUISHER IN BOH AREAS); INSTALLED SO THAT NO OPERABLE PART IS HIGHER THAN 48" A.F.F.
26. MEMBRANE ROOF, SLOPE STRUCTURE TO DRAIN TOWARDS ROOF DRAINS/GUTTERS
27. TAPERED INSULATION CRICKET
28. THRU-WALL SCUPPER WITH EMERGENCY OVERFLOW DRAIN.
29. ROOF HATCH. SEE DETAILS.
30. ROOF PARAPET
31. FULLY ADHERED TPO MEMBRANE TO PARAPET. TURN UP AND OVER PARAPET
32. TOILET VENT. SEE MECH. DRAWINGS
33. MAKE UP AIR UNIT ON ROOF CURB
34. ELEVATOR SHAFT BELOW
35. LAMINATED GLASS BEACON, REFER TO EXTERIOR ELEVATIONS
36. LAUNDRY CHUTE VENT
37. PRIMARY ROOF DRAINS. MAX. 4" DIA. PVC DOWNSPOUT TO BE INSTALLED IN THE DEMISING WALL BETWEEN GUEST ROOMS OR OUTER WALL CAVITY AS SHOWN IN THE FLOOR PLANS. PROVIDE WALL BEARING POST AS REQUIRED PER STR. DWGS. ON BOTH SIDES OF THE PIPE. FIRE BLOCK AND OR TIE DBL. TOP PLATE AS REQUIRED PER SITE CONDITIONS. PROVIDE TIGHT FITTED SOUND DEADENING INSULATION AROUND THE SPOUT WHEN PIPE TRAVELS VERTICALLY
ON FIRST FLOOR THE DRAINS SHOULD RUN UNDER SLAB AND TIED INTO NEAREST STORM DRAINAGE AT DAYLIGHT.
38. MECHANICAL EQUIPMENT SCREEN TO BE TALL ENOUGH TO FULLY HIDE EQUIPMENT--PROVIDE CLEARANCE AND ACCESS AS REQUIRED BY EQUIPMENT MANUFACTURER AND/OR LOCAL CODE PROVISIONS
39. KEYCARD READER ENTRANCE HARDWARE; MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE OR FINISH FLOOR.
40. PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING). MOUNT SO TOP OF DEVICE IS MAXIMUM OF 48" ABOVE GRADE. PROVIDE CLEAR FLOOR SPACE AS REQUIRED BY ACCESSIBILITY AT DEVICE.
41. CONT. GUTTER WITH DOWNSPOUT AND SPLASH BLOCK
42. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
43. MECHANICAL LOUVER
44. FLUORESCENT FLOODLIGHT
45. EXPOSED CMU CORNER TO HAVE 1" RADIUS BULLNOSE
46. WALKWAY/ PROTECTION PAD IN CONTRASTING COLOR TO ROOF
47. ALTERNATING TREAD STAIR TO UPPER ROOF
48. INDICATES DIRECTION OF CARPET PATTERN. REFER TO MFR FOR DIRECTION
49. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
50. BUILT-UP PARAPET KICKERS. SEE STR. DWGS. FULLY ADHERE TPO ROOFING ON ROOF SHEATHING. SEE WALL SECTIONS
51. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT
52. 6"X5" PAINTED ALUMINUM RAINWATER DOWNSPOUT FOR CANOPY ROOF. CONNECT TO STORM NEAREST STORM WATER PIPE
53. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
54. EMERGENCY TELEPHONE
55. HI-LO DRINKING FOUNTAIN

SYMBOL / FIXTURES KEY:

- ACCESSIBLE ROOM
- C.F. ROOM - REFER TO ENLARGED GUESTROOM PLANS FOR POWER AND SIGNAL
- MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM -- REFER TO DOOR SCHEDULE, ELEC. & ALARM DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO ENLARGED GUEST ROOM PLANS FOR DOOR TAGS & TYPES
REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S
2. FOR PASSENGER ELEVATORS, ELEVATOR LOBBIES & CORRIDORS.
REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR STORAGE AREAS.
3. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR MECHANICAL, ELECTRICAL, & EQUIPMENT ROOMS.
4. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS W/IN THE PUBLIC SPACE SHALL BE CONTAINED W/IN FULLY RECESSED CABINETS.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR ROOFING MATERIALS.
ROOF SLOPES & NUMBER OF ROOF DRAINS PER LOCAL BUILDING CODES.
REFER TO STANDARDS FOR FIXTURE & EQUIPMENT REQ'S.
6. REFER TO **HADG** FOR FURTHER ADDITIONAL REQ'S FOR PUBLIC SPACES & EQUIPMENT.
7. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE & VISIBLE ALARMS COMPLYING W/ NFPA 72 (1999 OR 2022 ADDITION) & AS REQ'D BY LOCAL
8. AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC & COMMON USE AREAS &
9. GUEST ROOMS DESIGNATED AS "GUEST ROOMS W/ COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING
10. SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQ'D BY LOCAL AUTHORITIES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

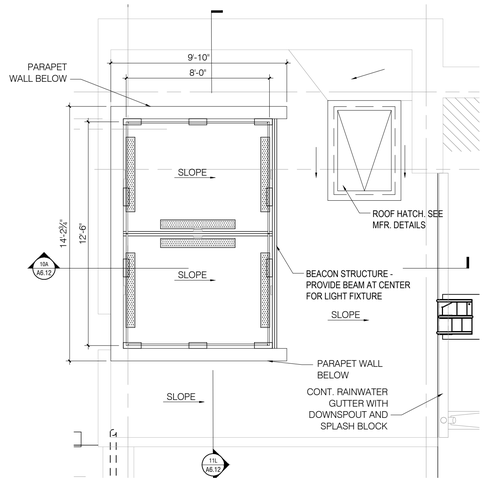
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

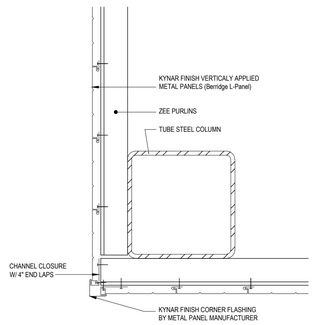
LAYOUT:
THIRD FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

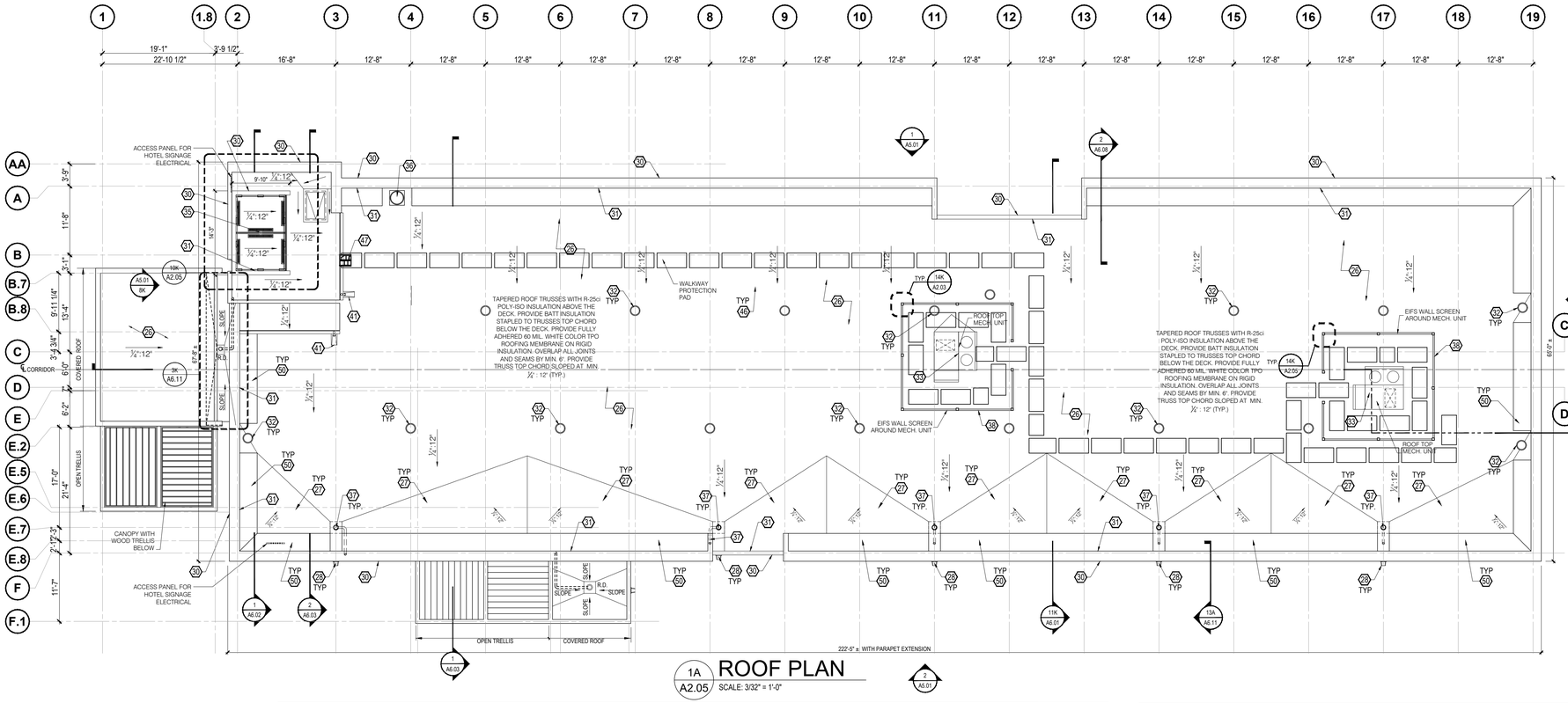
SHEET NUMBER:
A2.04



10K A2.05 ROOF PLAN - AT BEACON
SCALE: 1/4" = 1'-0"



14K A2.05 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
MECHANICAL ROOF SCREEN



1A A2.05 ROOF PLAN
SCALE: 3/32" = 1'-0"

Accessible Rm. Matrix

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
♿	QUEEN ONE BEDROOM-ACCESSIBLE W/ ROLL-IN SHOWER	2	2	ROOMS 120, 220
	QUEEN ONE BEDROOM-ACCESSIBLE W/ ACCESSIBLE TUB	5	2	ROOMS 320, 420
	QUEEN STUDIO-ACCESSIBLE W/ ACCESSIBLE TUB		3	ROOMS 201,301, 401
TOTAL			7	

	ROOM TYPE	REQ'D COUNT	PROVIDED COUNT	REMARKS
👂	C.F. QUEEN STUDIO	11	4	ROOMS 124, 214, 319, 419
	C.F. QUEEN STUDIO-CONNECTING		4	ROOMS 121, 212, 312, 412
	C.F. QUEEN ONE BEDROOM		3	ROOMS 131, 231, 331
	C.F. QUEEN STUDIO-ACCESSIBLE	1	1	ROOM 201
TOTAL		12	12	

- C.F. DENOTES ROOMS THAT HAVE COMMUNICATING FEATURES. ONE (1) COMMUNICATION FEATURE ROOM MUST ALSO BE ACCESSIBLE, BUT NO MORE THAN 10% OF ROOMS THAT COUNT TOWARDS THE REQUIRED C.F. TOTAL ROOM

GROSS BUILDING AREA

LEVEL	AREA
FIRST FLOOR	13,480 SF
SECOND FLOOR	13,750 SF
THIRD FLOOR	13,750 SF
FOURTH FLOOR	13,750 SF
GRAND TOTAL	54,730 SF

Guest Room Count Breakdown - 104 Total Rooms

	GROUND FLR	2ND FLOOR	3RD FLOOR	4TH FLOOR	TOTAL
QUEEN STUDIO:	9	21	21	21	72
QUEEN ONE BEDROOM:	1	1	1	1	4
QUEEN STUDIO - ACCESSIBLE:	--	1	1	1	3
QUEEN ONE BEDROOM - ACCESSIBLE:	1	1	1	1	4
QUEEN STUDIO - CONNECTING:	3	6	6	6	21
	14	30	30	30	104

XXX FURNISHINGS LEGEND:

IF-903	ART WORK
IF-404	ROMAN SHADE
IF-808	CONSOLE TABLE
404	WIRE SHELVING

KEY NOTES:

1. THIS ELEVATOR CAR SHALL BE LARGE ENOUGH TO ACCOMMODATE AN AMBULANCE STRETCHER
2. OUTDOOR HVAC UNITS. COORDINATE WITH CIVIL AND MECHANICAL DWGS. PROVIDE CONCRETE PAD AND SCREEN FENCE WITH CLEARANCES AS REQD. BY MFR.
3. EGRESS STAIR IN CONCRETE MASONRY STAIR ENCLOSURE
4. ROOF ACCESS LADDER. SEE MFR. SHOP DRAWINGS
5. LINE OF ROOF/ CANOPY ABOVE
6. VEHICULAR DROP OFF -- REFER TO SITE PLAN AND DETAILS
7. MECHANICAL. ELECTRICAL AND PLUMBING CHASE
8. CARRY CARPET PATTERN INTO DOOR TO TRANSITION STRIP AS INDICATED -- REFER TO SHEET A10.03 FOR TRANSITION DETAIL
9. FLOOR DRAIN
10. PTAC UNIT
11. STAND PIPE.
12. TAMPER RESISTANT FROST FREE HOSE BIB MOUNTED AT +12" A.F.F.
13. HOTEL LAUNDRY EQUIPMENT -- REFER TO ENLARGED PLAN
14. GUEST LAUNDRY EQUIPMENT -- GUEST DRYER TO EXHAUST DIRECTLY TO OUTSIDE
15. PROVIDE CONVENIENCE OUTLETS IN CORRIDORS FOR HOUSEKEEPING EQUIPMENT AT MINIMUM EVERY 50'
16. DASHED LINE INDICATES PATH OF FULLY CONCEALED ROOF LEADER IN CANOPY ROOF.
17. CANOPY ROOF OVERFLOW SCUPPER
18. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA. PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN. WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS, INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND **HADG** FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
19. 60 MIL TPO MEMBRANE ROOFING OVER POLY-ISO INSULATION. PROVIDE INSULATION PER CODE DATA. MAINTAIN MIN. SLOPE OF ¼"=1'-0" TOWARDS ROOF DRAINS
20. CANOPY/ TRELLIS BELOW
21. DRYER VENT LOUVER -- REFER TO ELEVATIONS
22. 36" x 36" MOP SINK LOCATION
23. MAINTENANCE DESK
24. WIRE SHELVING SYSTEM -- REFER TO FF&E
25. FIRE EXTINGUISHER (CABINET IN PUBLIC AREAS, WALL MOUNTED EXTINGUISHER IN BOH AREAS); INSTALLED SO THAT NO OPERABLE PART IS HIGHER THAN 48" A.F.F.
26. MEMBRANE ROOF, SLOPE STRUCTURE TO DRAIN TOWARDS ROOF DRAINS/GUTTERS
27. TAPERED INSULATION CRICKET
28. THRU-WALL SCUPPER WITH EMERGENCY OVERFLOW DRAIN.
29. ROOF HATCH. SEE DETAILS.
30. ROOF PARAPET
31. FULLY ADHERED TPO MEMBRANE TO PARAPET. TURN UP AND OVER PARAPET
32. TOILET VENT. SEE MECH. DRAWINGS
33. MAKE UP AIR UNIT ON ROOF CURB
34. ELEVATOR SHAFT BELOW
35. LAMINATED GLASS BEACON. REFER TO EXTERIOR ELEVATIONS
36. LAUNDRY CHUTE VENT
37. PRIMARY ROOF DRAINS. MAX. 4" DIA. PVC DOWNSPOUT TO BE INSTALLED IN THE DEMISING WALL BETWEEN GUEST ROOMS OR OUTER WALL CAVITY AS SHOWN IN THE FLOOR PLANS. PROVIDE WALL BEARING POST AS REQUIRED PER STR. DWGS. ON BOTH SIDES OF THE PIPE. FIRE BLOCK AND OR TIE DBL. TOP PLATE AS REQUIRED PER SITE CONDITIONS. PROVIDE TIGHT FITTED SOUND DEADENING INSULATION AROUND THE SPOUT WHEN PIPE TRAVELS VERTICALLY
ON FIRST FLOOR THE DRAINS SHOULD RUN UNDER SLAB AND TIED INTO NEAREST STORM DRAINAGE AT DAYLIGHT
38. MECHANICAL EQUIPMENT SCREEN TO BE TALL ENOUGH TO FULLY HIDE EQUIPMENT--PROVIDE CLEARANCE AND ACCESS AS REQUIRED BY EQUIPMENT MANUFACTURER AND/OR LOCAL CODE PROVISIONS
39. KEYCARD READER ENTRANCE HARDWARE: MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE OR FINISH FLOOR.
40. PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING). MOUNT SO TOP OF DEVICE IS MAXIMUM OF 48" ABOVE GRADE. PROVIDE CLEAR FLOOR SPACE AS REQUIRED BY ACCESSIBILITY AT DEVICE.
41. CONT. GUTTER WITH DOWNSPOUT AND SPLASH BLOCK
42. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
43. MECHANICAL LOUVER
44. FLUORESCENT FLOODLIGHT
45. EXPOSED CMU CORNER TO HAVE 1" RADIUS BULLNOSE
46. WALKWAY/ PROTECTION PAD IN CONTRASTING COLOR TO ROOF
47. ALTERNATING TREAD STAIR TO UPPER ROOF
48. INDICATES DIRECTION OF CARPET PATTERN. REFER TO MFR FOR DIRECTION
49. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
50. BUILT-UP PARAPET KICKERS. SEE STR. DWGS. FULLY ADHERE TPO ROOFING ON ROOF SHEATHING. SEE WALL SECTIONS
51. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT
52. 6"X5" PAINTED ALUMINUM RAINWATER DOWNSPOUT FOR CANOPY ROOF. CONNECT TO STORM NEAREST STORM WATER PIPE
53. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
54. EMERGENCY TELEPHONE
55. HI-LO DRINKING FOUNTAIN

SYMBOL / FIXTURES KEY:

♿ ACCESSIBLE ROOM

👂 C.F. ROOM - REFER TO ENLARGED GUESTROOM PLANS FOR POWER AND SIGNAL

MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM -- REFER TO DOOR SCHEDULE, ELEC. & ALARM DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO ENLARGED GUEST ROOM PLANS FOR DOOR TAGS & TYPES
2. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR PASSENGER ELEVATORS, ELEVATOR LOBBIES & CORRIDORS.
3. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR STORAGE AREAS.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR MECHANICAL, ELECTRICAL, & EQUIPMENT ROOMS.
5. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS WIN THE PUBLIC SPACE SHALL BE CONTAINED WIN FULLY RECESSED CABINETS.
6. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR ROOFING MATERIALS.
ROOF SLOPES & NUMBER OF ROOF DRAINS PER LOCAL BUILDING CODES.
REFER TO STANDARDS FOR FIXTURE & EQUIPMENT REQ'S.
REFER TO **HADG** FOR FURTHER ADDITIONAL REQ'S FOR PUBLIC SPACES & EQUIPMENT.
7. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE & VISIBLE ALARMS COMPLYING W/ NFPA 72 (1999 OR 2002 ADDITION) & AS REQ'D BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC & COMMON USE AREAS &
8. GUEST ROOMS DESIGNATED AS "GUEST ROOMS W/ COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQ'D BY LOCAL AUTHORITIES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

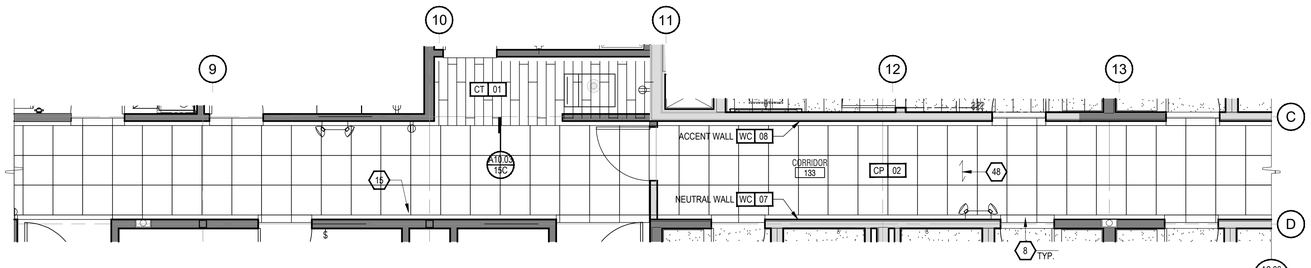
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ROOF PLAN

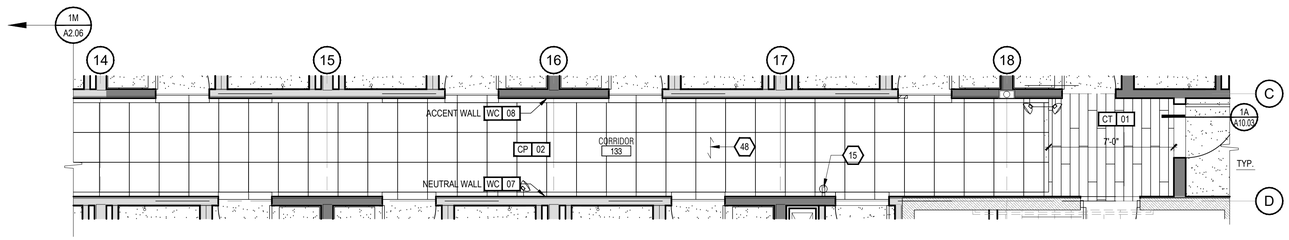
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A2.05



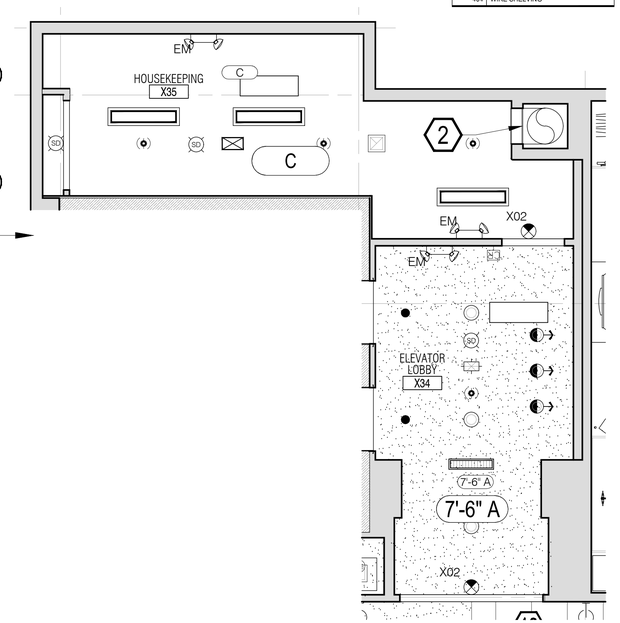
1M A2.06 FIRST FLOOR CORRIDOR FINISH AND POWER PLAN

SCALE: 1/4" = 1'-0"



6K A2.06 FIRST FLOOR CORRIDOR FINISH AND POWER PLAN

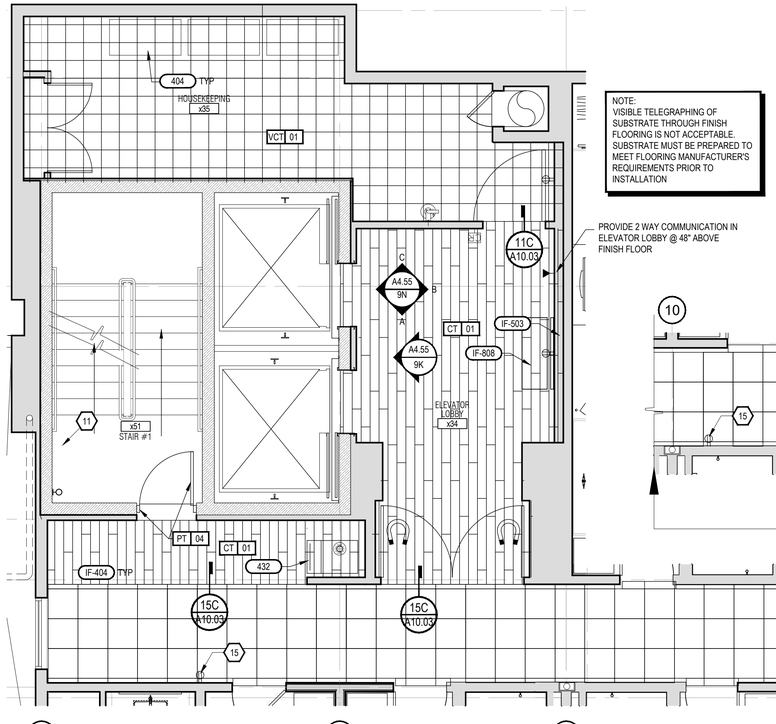
SCALE: 1/4" = 1'-0"

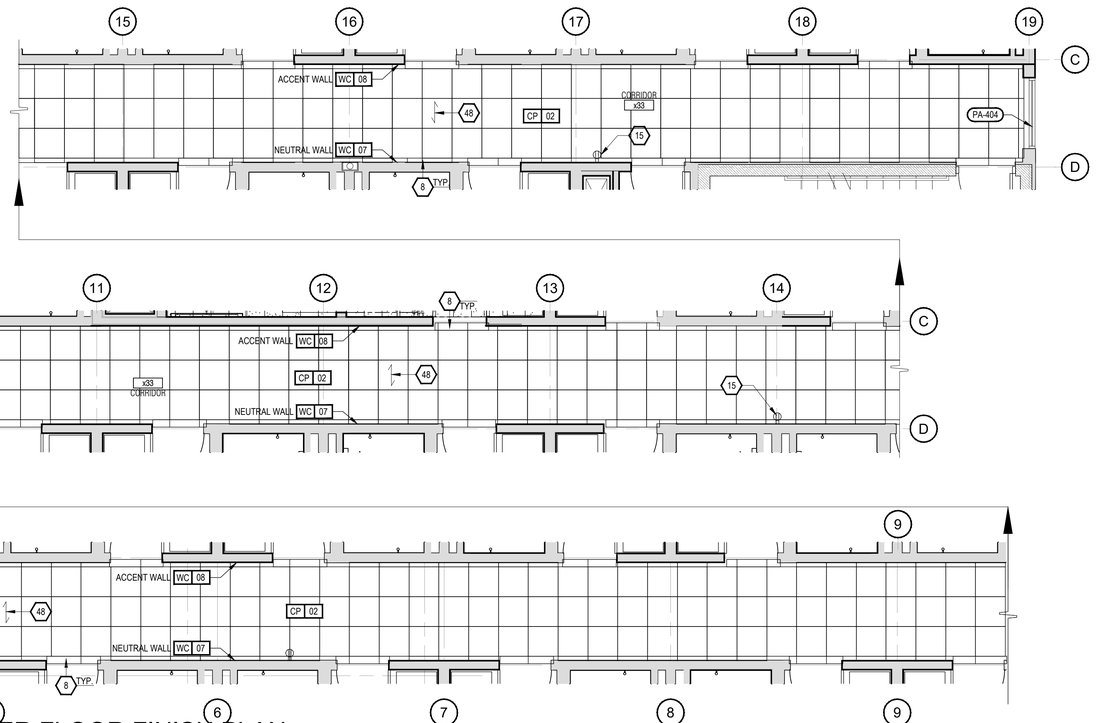


1R A2.06 ENLARGED UPPER FLOOR CEILING PLAN

SCALE: 1/4" = 1'-0"

TYPICAL ELEVATOR LOBBY AREA & BOH





1J A2.06 ENLARGED UPPER FLOOR FINISH PLAN

SCALE: 1/4" = 1'-0"

TYPICAL ELEVATOR LOBBY AREA & CORRIDOR

XXX FURNISHINGS LEGEND:

IF-903	ART WORK
IF-404	ROMAN SHADE
IF-808	CONSOLE TABLE
404	WIRE SHELVING

KEY NOTES:

1. THIS ELEVATOR CAR SHALL BE LARGE ENOUGH TO ACCOMMODATE AN AMBULANCE STRETCHER
2. OUTDOOR HVAC UNITS. COORDINATE WITH CIVIL AND MECHANICAL DWGS. PROVIDE CONCRETE PAD AND SCREEN FENCE WITH CLEARANCES AS REQD. BY MFR.
3. EGRESS STAIR IN CONCRETE MASONRY STAIR ENCLOSURE
4. ROOF ACCESS LADDER. SEE MFR. SHOP DRAWINGS
5. LINE OF ROOF/ CANOPY ABOVE
6. VEHICULAR DROP OFF -- REFER TO SITE PLAN AND DETAILS
7. MECHANICAL. ELECTRICAL AND PLUMBING CHASE
8. CARRY CARPET PATTERN INTO DOOR TO TRANSITION STRIP AS INDICATED -- REFER TO SHEET A10.03 FOR TRANSITION DETAIL
9. FLOOR DRAIN
10. PTAC UNIT
11. STAND PIPE.
12. TAMPER RESISTANT FROST FREE HOSE BIB MOUNTED AT +12" A.F.F.
13. HOTEL LAUNDRY EQUIPMENT -- REFER TO ENLARGED PLAN
14. GUEST LAUNDRY EQUIPMENT -- GUEST DRYER TO EXHAUST DIRECTLY TO OUTSIDE
15. PROVIDE CONVENIENCE OUTLETS IN CORRIDORS FOR HOUSEKEEPING EQUIPMENT AT MINIMUM EVERY 50'
16. DASHED LINE INDICATES PATH OF FULLY CONCEALED ROOF LEADER IN CANOPY ROOF.
17. CANOPY ROOF OVERFLOW SCUPPER
18. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA. PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN. WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS, INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND **HADG** FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
19. 60 MIL TPO MEMBRANE ROOFING OVER POLY-ISO INSULATION. PROVIDE INSULATION PER CODE DATA. MAINTAIN MIN. SLOPE OF ¼"=1'-0" TOWARDS ROOF DRAINS
20. CANOPY/ TRELLIS BELOW
21. DRYER VENT LOUVER -- REFER TO ELEVATIONS
22. 36" x 36" MOP SINK LOCATION
23. MAINTENANCE DESK
24. WIRE SHELVING SYSTEM -- REFER TO FF&E
25. FIRE EXTINGUISHER (CABINET IN PUBLIC AREAS, WALL MOUNTED EXTINGUISHER IN BOH AREAS); INSTALLED SO THAT NO OPERABLE PART IS HIGHER THAN 48" A.F.F.
26. MEMBRANE ROOF, SLOPE STRUCTURE TO DRAIN TOWARDS ROOF DRAINS/GUTTERS
27. TAPERED INSULATION CRICKET
28. THRU-WALL SCUPPER WITH EMERGENCY OVERFLOW DRAIN.
29. ROOF HATCH. SEE DETAILS.
30. ROOF PARAPET
31. FULLY ADHERED TPO MEMBRANE TO PARAPET. TURN UP AND OVER PARAPET
32. TOILET VENT. SEE MECH. DRAWINGS
33. MAKE UP AIR UNIT ON ROOF CURB
34. ELEVATOR SHAFT BELOW
35. LAMINATED GLASS BEACON, REFER TO EXTERIOR ELEVATIONS
36. LAUNDRY CHUTE VENT
37. PRIMARY ROOF DRAINS. MAX. 4" DIA. PVC DOWNSPOUT TO BE INSTALLED IN THE DEMISING WALL BETWEEN GUEST ROOMS OR OUTER WALL CAVITY AS SHOWN IN THE FLOOR PLANS. PROVIDE WALL BEARING POST AS REQUIRED PER STR. DWGS. ON BOTH SIDES OF THE PIPE. FIRE BLOCK AND OR TIE DBL. TOP PLATE AS REQUIRED PER SITE CONDITIONS. PROVIDE TIGHT FITTED SOUND DEADENING INSULATION AROUND THE SPOUT WHEN PIPE TRAVELS VERTICALLY
ON FIRST FLOOR THE DRAINS SHOULD RUN UNDER SLAB AND TIED INTO NEAREST STORM DRAINAGE AT DAYLIGHT.
38. MECHANICAL EQUIPMENT SCREEN TO BE TALL ENOUGH TO FULLY HIDE EQUIPMENT--PROVIDE CLEARANCE AND ACCESS AS REQUIRED BY EQUIPMENT MANUFACTURER AND/OR LOCAL CODE PROVISIONS
39. KEYCARD READER ENTRANCE HARDWARE; MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE OR FINISH FLOOR.
40. PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING). MOUNT SO TOP OF DEVICE IS MAXIMUM OF 48" ABOVE GRADE. PROVIDE CLEAR FLOOR SPACE AS REQUIRED BY ACCESSIBILITY AT DEVICE.
41. CONT. GUTTER WITH DOWNSPOUT AND SPLASH BLOCK
42. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
43. MECHANICAL LOUVER
44. FLUORESCENT FLOODLIGHT
45. EXPOSED CMU CORNER TO HAVE 1" RADIUS BULLNOSE
46. WALKWAY/ PROTECTION PAD IN CONTRASTING COLOR TO ROOF
47. ALTERNATING TREAD STAIR TO UPPER ROOF
48. INDICATES DIRECTION OF CARPET PATTERN. REFER TO MFR FOR DIRECTION
49. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
50. BUILT-UP PARAPET KICKERS. SEE STR. DWGS. FULLY ADHERE TPO ROOFING ON ROOF SHEATHING. SEE WALL SECTIONS
51. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT
52. 6"X6" PAINTED ALUMINUM RAINWATER DOWNSPOUT FOR CANOPY ROOF. CONNECT TO STORM NEAREST STORM WATER PIPE
53. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
54. EMERGENCY TELEPHONE
55. HI-LO DRINKING FOUNTAIN

SYMBOL / FIXTURES KEY:

- ACCESSIBLE ROOM
- C.F. ROOM - REFER TO ENLARGED GUESTROOM PLANS FOR POWER AND SIGNAL
- MAGNETIC DOOR HOLD OPENER TIED TO BUILDING ALARM SYSTEM -- REFER TO DOOR SCHEDULE, ELEC. & ALARM DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO ENLARGED GUEST ROOM PLANS FOR DOOR TAGS & TYPES.
2. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR PASSENGER ELEVATORS, ELEVATOR LOBBIES & CORRIDORS. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR STORAGE AREAS.
3. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR MECHANICAL, ELECTRICAL, & EQUIPMENT ROOMS.
4. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS WITH THE PUBLIC SPACE SHALL BE CONTAINED WITH FULLY RECESSED CABINETS.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL REQ'S FOR ROOFING MATERIALS.
ROOF SLOPES & NUMBER OF ROOF DRAINS PER LOCAL BUILDING CODES.
REFER TO STANDARDS FOR FIXTURE & EQUIPMENT REQ'S.
6. REFER TO **HADG** FOR FURTHER ADDITIONAL REQ'S FOR PUBLIC SPACES & EQUIPMENT.
7. FIRE ALARM SYSTEM SHALL HAVE PERMANENTLY INSTALLED AUDIBLE & VISIBLE ALARMS COMPLYING W/ NFPA 72 (1999 OR 2022 ADDITION) & AS REQ'D BY LOCAL AUTHORITIES. ALARMS MUST BE LOCATED IN PUBLIC & COMMON USE AREAS &
8. GUEST ROOMS DESIGNATED AS "GUEST ROOMS W/ COMMUNICATIONS FEATURES" AT A MINIMUM. WHERE EMPLOYEE AREAS HAVE AUDIBLE ALARMS, THE WIRING
9. SHALL BE DESIGNED SO VISIBLE ALARMS CAN BE INTEGRATED INTO THE SYSTEM, UNLESS GREATER STANDARDS ARE REQ'D BY LOCAL AUTHORITIES.
10.

HOME 2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
— ATLANTA - CHARLOTTE —
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

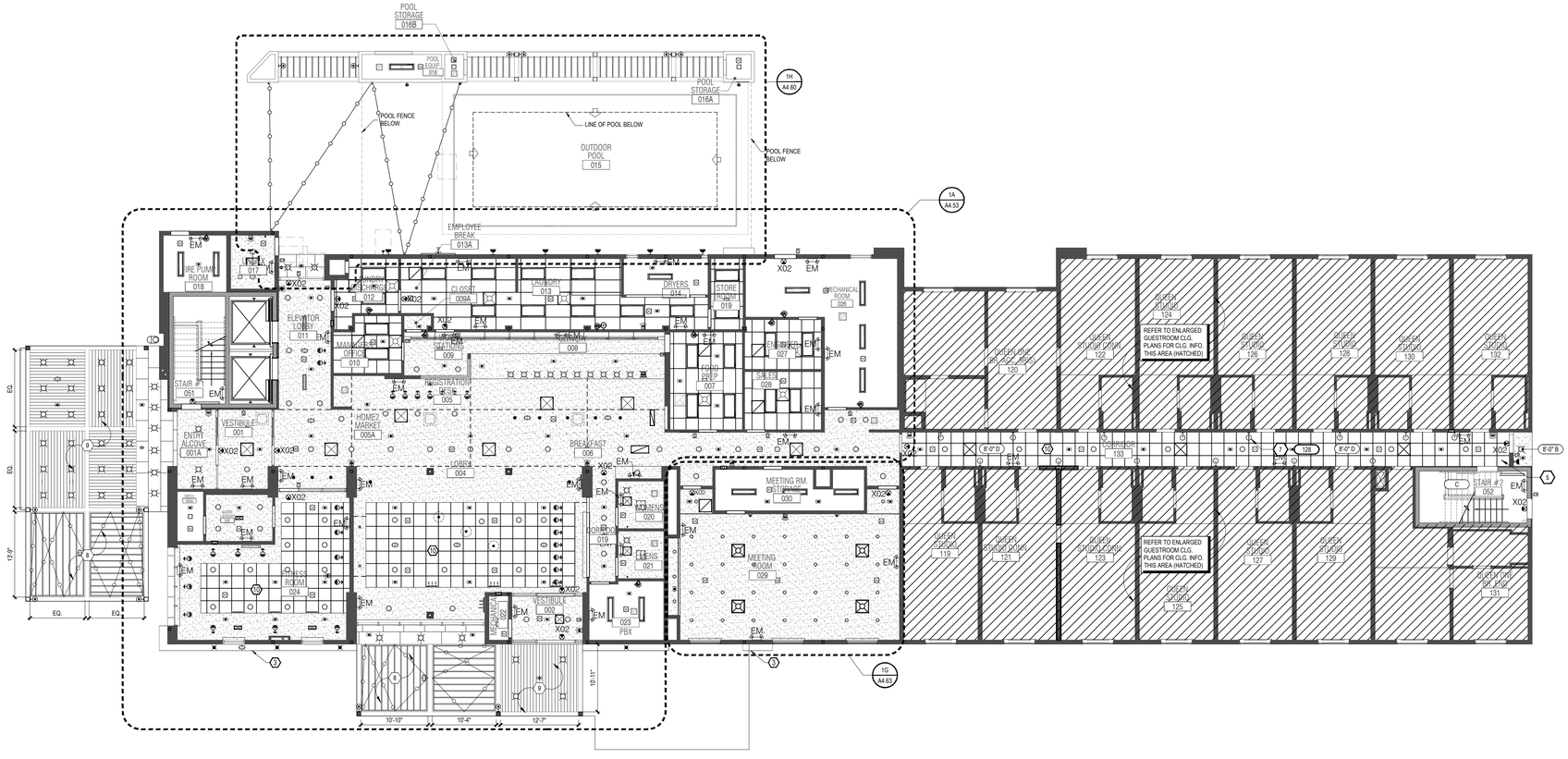
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST & TYPICAL FLOOR CORRIDOR FINISH & POWER PLANS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A2.06



1 A3.01 FIRST FLOOR RCP PLAN

SCALE: 3/32" : 1'-0"

CEILING ACCESS PANEL AND DAMPER NOTES:

1. ALL DAMPERS IN WALL OR CEILING SHOULD BE PROVIDED WITH ACCESS PANELS FOR ACCESS AND SERVICE.
2. RATED ACCESS PANEL TO BE USED FOR RATED WALL AND CEILING.
3. NON-RATED ACCESS PANELS TO BE USED FOR NON-RATED WALL AND CEILING.

NOTES:

1. FITNESS ROOM LIGHTS MUST BE ON ALL THE TIME. LIGHTS MUST BE ON KEYED SWITCHES OR CONTROLLED AT THE CIRCUIT BREAKER.
2. LOBBY AREA PENDANT LIGHT FIXTURES MUST BE DIMMABLE.
3. MEETING ROOM LIGHTING MUST BE DIMMABLE AND WIRED IN A MINIMUM OF TWO ZONES FOR VARYING LIGHT LEVELS/AREAS.
4. PROVIDE WALL WASHER ON LEFT SIDE OF THE LOBBY.

KEY NOTES:

1. GYP. BD. 'VEE' REVEAL
2. LAUNDRY CHUTE – SHAFT OPEN TO VENT AT ROOF
3. CORNICE BEYOND
4. NOT USED
5. EXTERIOR SCONCE(S) – REFER TO FIXTURE LEGEND & ELEVATIONS FOR PLACEMENT & QUANTITY
6. FLUSH ACCESS PANEL W/ DROP IN DOOR – MFR. ISC STYLEMARK Mo.# CAP-1818 - CONFIRM SIZE WITH MFR. – TEXTURE & PAINT TO MATCH ADJ. CEILING
7. REFER TO INTERIOR ELEVATIONS FOR SCONCE PLACEMENT
8. OPEN-AIR TRELLIS
9. T&G WOOD DECKING AT UNDERSIDE OF COVERED CANOPY. REFER TO STYLE GUIDE FOR FINISH REQUIREMENTS
10. ALL EXPOSED CEILING GRID SYSTEMS IN GUEST VIEW MUST BE A NARROW SPLINE, 9/16" / 15 MM MAXIMUM WIDTH, AND MUST MATCH THE COLOR OF THE CEILING TILE.

XXX FURNISHINGS LEGEND:

PA-204	WALL SCONCE

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH & TYPE

A. PRIMED & PAINTED GYPSUM BOARD DROP CEILING
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. BOTTOM OF RATED ASSEMBLY – SINGLE OR MULTIPLE LAYERS GYP. BD. - PART OF RATED ASSEMBLY. HEIGHT FROM FLOOR VARIES. SEE FRAMING PLAN AND WALL SECTIONS
D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CLG. GRID SYSTEM SUSPENDED FROM STRUCT. – INFILLED W/ 1/2" VINYL FACED GYPSUM BOARD PANELS
F. FRAMED-UP GYP. BD. DROP CEILING. – PRIMED & PAINTED. SEE IFI INDEX

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- DECORATIVE WALL SCONCE – REFER TO FF&E PACKAGE
- DECORATIVE ROUND SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- DECORATIVE SQUARE SURFACE MOUNT LIGHT FIXTURE– REFER TO FF&E PACKAGE
- DECORATIVE SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- (R-1): RECESSED DOWNLIGHT
- (R-2): RECESSED WALL WASH
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) –UL WET LABELED
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-6): SURFACE MOUNTED FIXTURE
- (R-7): EXT. RECESSED DOWNLIGHT WALL WASHER- (UL WET LABEL)
- (T-1): 2X2 LAY-IN FLUORESCENT FIXTURE
- (T-2): 2X4 LAY-IN FLUOR. FIXTURE
- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (C-1): RECESSED FLUORESCENT COVE FIXTURE - 4FT
- (W-1): WALL MOUNTED STRIP LIGHT - 4FT
- (S-1): WALL SCONCE @ POOL AREA (UL WET LABEL)
- (S-2): WALL SCONCE @ REAR ENTRY (UL WET LABEL)
- (S-3): EXTERIOR SCONCE (UPLIGHT)
- (S-5): EXTERIOR FLOODLIGHT
- (G-1): EXTERIOR HEAVY DUTY LIGHT STRING
- SPEAKER
- MECHANICAL EXHAUST GRILLE
- 2X2 MECHANICAL RETURN GRILLE
- 2X2 MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY LINEAR GRILLE
- MECHANICAL RETURN GRILLE
- SMOKE DETECTOR
- CARBON-MONOXIDE DETECTOR
- CLNG. SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- 'VEE' CONTROL JOINT
- (P-3) IN-GROUND UPLIGHT
- FIRE HORN/STROBE

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER DESIGNS SHOWN IN THE SET. SEE MEP PLANS. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS, RATED WHERE REQUIRED.
3. PROVIDE EMERGENCY LIGHTING PER DESIGNS SHOWN IN THE SET. SEE RCP & ELECTRICAL DRAWINGS
4. CENTER LINE OF WALL DEVICES TO BE MOUNTED AT 15" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. SPRINKLER HEADS ARE SHOWN FOR DESIGN INTENT & REFERENCE ONLY. SPRINKLER DESIGNER/ENGINEER WILL NEED TO MODIFY ACCORDINGLY. SPRINKLER HEADS IN CEILINGS IN PUBLIC AREAS TO BE CONCEALED. ALL OTHER HEADS TO BE SEMI-RECESSED.
7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO THE CIRCULATION PATH ABOVE 27" A.F.F. AND BELOW 80" A.F.F. IS LIMITED TO A 4" MAXIMUM PROJECTION.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST FLOOR RCP. PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A3.01



1 A3.01a **SECOND FLOOR RCP PLAN**

SCALE: 3/32" : 1'-0"

CEILING ACCESS PANEL AND DAMPER NOTES:

1. ALL DAMPERS IN WALL OR CEILING SHOULD BE PROVIDED WITH ACCESS PANELS FOR ACCESS AND SERVICE.
2. RATED ACCESS PANEL TO BE USED FOR RATED WALL AND CEILING.
3. NON-RATED ACCESS PANELS TO BE USED FOR NON-RATED WALL AND CEILING.

KEY NOTES:

1. GYP. BD. 'VEE' REVEAL
2. LAUNDRY CHUTE – SHAFT OPEN TO VENT AT ROOF
3. CORNICE BEYOND
4. NOT USED
5. EXTERIOR SCONCE(S) – REFER TO FIXTURE LEGEND & ELEVATIONS FOR PLACEMENT & QUANTITY
6. FLUSH ACCESS PANEL W/ DROP IN DOOR – MFR. ISC STYLEMARK Mo.# CAP-1818 - CONFIRM SIZE WITH MFR. –TEXTURE & PAINT TO MATCH ADJ. CEILING
7. REFER TO INTERIOR ELEVATIONS FOR SCONCE PLACEMENT
8. OPEN-AIR TRELLIS
9. T&G WOOD DECKING AT UNDERSIDE OF COVERED CANOPY.REFER TO STYLE GUIDE FOR FINISH REQUIREMENTS
10. ALL EXPOSED CEILING GRID SYSTEMS IN GUEST VIEW MUST BE A NARROW SPLINE, 9/16" / 15 MM MAXIMUM WIDTH, AND MUST MATCH THE COLOR OF THE CEILING TILE.

XXX FURNISHINGS LEGEND:

PA-204	WALL SCONCE

CEILING LEGEND:

8'-6" C — 8'-6" = CEILING HEIGHT; C = CEILING FINISH & TYPE

A.	PRIMED & PAINTED GYPSUM BOARD DROP CEILING
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	BOTTOM OF RATED ASSEMBLY – SINGLE OR MULTIPLE LAYERS GYP. BD. - PART OF RATED ASSEMBLY. HEIGHT FROM FLOOR VARIES. SEE FRAMING PLAN AND WALL SECTIONS
D.	2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E.	2X4 LAY-IN CLG. GRID SYSTEM SUSPENDED FROM STRUCT. – INFILLED W/ 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	FRAMED-UP GYP. BD. DROP CEILING. – PRIMED & PAINTED. SEE IFI INDEX

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- DECORATIVE WALL SCONCE – REFER TO FF&E PACKAGE
- DECORATIVE ROUND SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- DECORATIVE SQUARE SURFACE MOUNT LIGHT FIXTURE– REFER TO FF&E PACKAGE
- DECORATIVE SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- (R-1): RECESSED DOWNLIGHT
- (R-2): RECESSED WALL WASH
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) –UL WET LABELED
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-6): SURFACE MOUNTED FIXTURE
- (R-7): EXT. RECESSED DOWNLIGHT WALL WASHER- (UL WET LABEL)
- (T-1): 2X2 LAY-IN FLUORESCENT FIXTURE
- (T-2): 2X4 LAY-IN FLUOR. FIXTURE
- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (C-1): RECESSED FLUORESCENT COVE FIXTURE - 4FT
- (W-1): WALL MOUNTED STRIP LIGHT - 4FT
- (S-1): WALL SCONCE @ POOL AREA (UL WET LABEL)
- (S-2): WALL SCONCE @ REAR ENTRY (UL WET LABEL)
- (S-3): EXTERIOR SCONCE (UPLIGHT)
- (S-5): EXTERIOR FLOODLIGHT
- (G-1): EXTERIOR HEAVY DUTY LIGHT STRING
- SPEAKER
- MECHANICAL EXHAUST GRILLE
- 2X2 MECHANICAL RETURN GRILLE
- 2X2 MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY LINEAR GRILLE
- MECHANICAL RETURN GRILLE
- SMOKE DETECTOR
- CARBON-MONOXIDE DETECTOR
- CLNG. SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- 'VEE' CONTROL JOINT
- (P-3) IN-GROUND UPLIGHT
- FIRE HORN/STROBE

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER DESIGNS SHOWN IN THE SET. SEE MEP PLANS. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS, RATED WHERE REQUIRED.
3. PROVIDE EMERGENCY LIGHTING PER DESIGNS SHOWN IN THE SET. SEE RCP & ELECTRICAL DRAWINGS
4. CENTER LINE OF WALL DEVICES TO BE MOUNTED AT 15" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. SPRINKLER HEADS ARE SHOWN FOR DESIGN INTENT & REFERENCE ONLY. SPRINKLER DESIGNER/ENGINEER WILL NEED TO MODIFY ACCORDINGLY. SPRINKLER HEADS IN CEILINGS IN PUBLIC AREAS TO BE CONCEALED. ALL OTHER HEADS TO BE SEMI-RECESSED.
7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO THE CIRCULATION PATH ABOVE 27" A.F.F. AND BELOW 80" A.F.F. IS LIMITED TO A 4" MAXIMUM PROJECTION.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

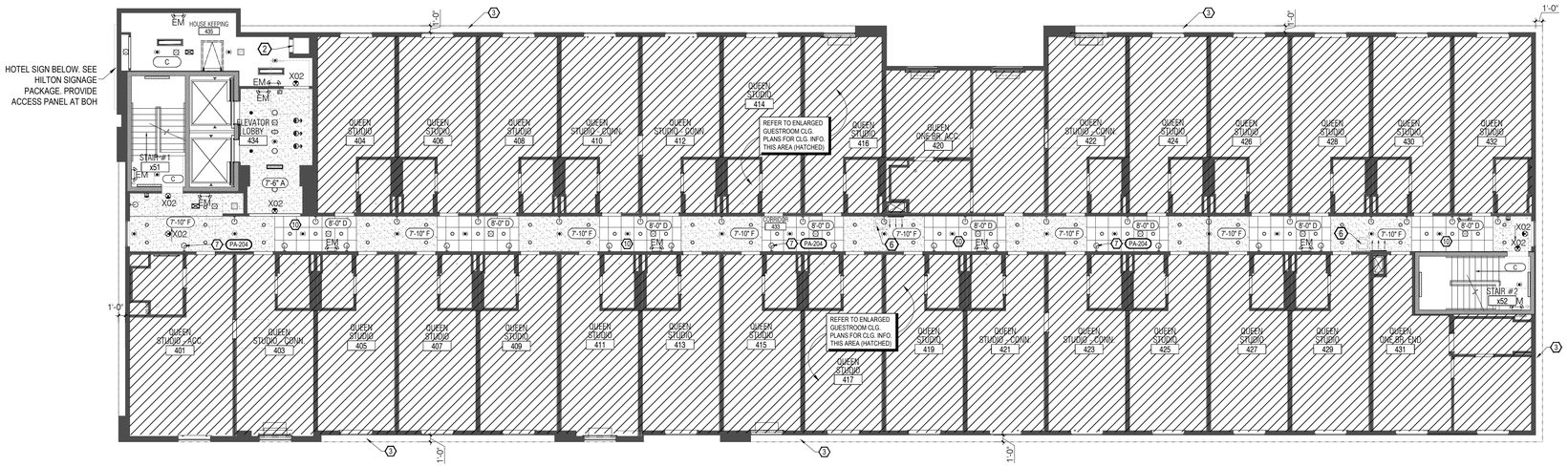
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SECOND FLOOR RCP. PLAN

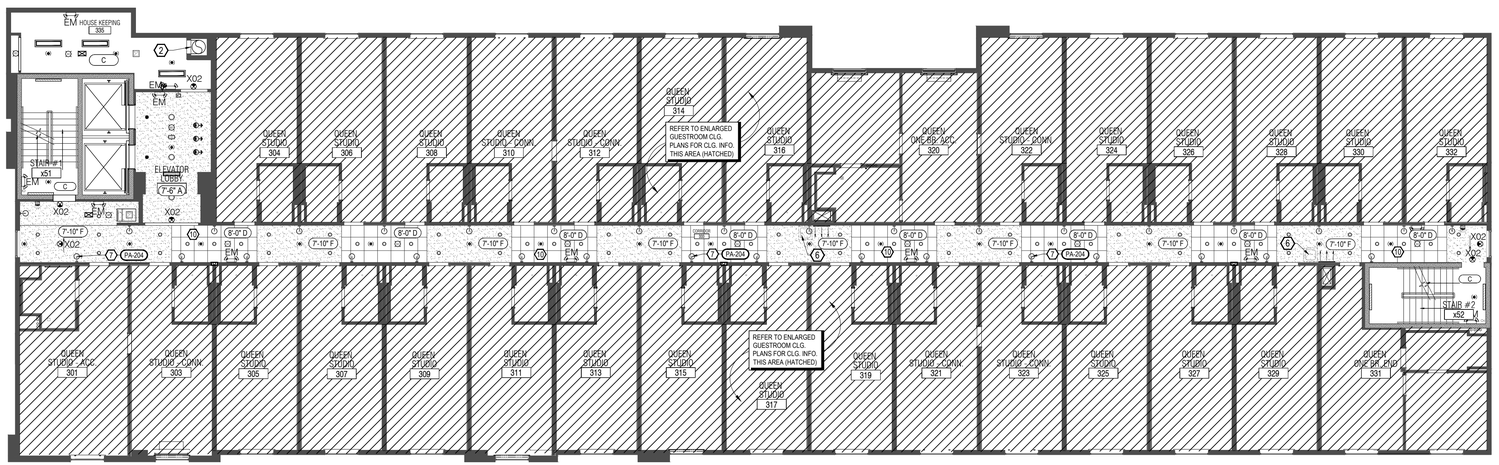
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A3.01a



2 A3.02 FOURTH FLOOR RCP PLAN
SCALE: 3/32" : 1'-0"



1 A3.02 THIRD FLOOR RCP PLAN
SCALE: 3/32" : 1'-0"

CEILING ACCESS PANEL AND DAMPER NOTES:

1. ALL DAMPERS IN WALL OR CEILING SHOULD BE PROVIDED WITH ACCESS PANELS FOR ACCESS AND SERVICE.
2. RATED ACCESS PANEL TO BE USED FOR RATED WALL AND CEILING.
3. NON-RATED ACCESS PANELS TO BE USED FOR NON-RATED WALL AND CEILING.

KEY NOTES:

1. GYP. BD. 'VEE' REVEAL
2. LAUNDRY CHUTE – SHAFT OPEN TO VENT AT ROOF
3. CORNICE BEYOND
4. NOT USED
5. EXTERIOR SCONCE(S) – REFER TO FIXTURE LEGEND & ELEVATIONS FOR PLACEMENT & QUANTITY
6. FLUSH ACCESS PANEL W/ DROP IN DOOR – MFR. ISC STYLEMARK Mo.# CAP-1818 - CONFIRM SIZE WITH MFR. – TEXTURE & PAINT TO MATCH ADJ. CEILING
7. REFER TO INTERIOR ELEVATIONS FOR SCONCE PLACEMENT
8. OPEN-AIR TRELLIS
9. T&G WOOD DECKING AT UNDERSIDE OF COVERED CANOPY.REFER TO STYLE GUIDE FOR FINISH REQUIREMENTS
10. ALL EXPOSED CEILING GRID SYSTEMS IN GUEST VIEW MUST BE A NARROW SPLINE, 9/16" / 15 MM MAXIMUM WIDTH, AND MUST MATCH THE COLOR OF THE CEILING TILE.

XXX FURNISHINGS LEGEND:

PA-204	WALL SCONCE

CEILING LEGEND:

8'-6" C – CEILING HEIGHT / CEILING FINISH & TYPE

A. PRIMED & PAINTED GYPSUM BOARD DROP CEILING
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. BOTTOM OF RATED ASSEMBLY– SINGLE OR MULTIPLE LAYERS GYP. BD. - PART OF RATED ASSEMBLY. HEIGHT FROM FLOOR VARIES. SEE FRAMING PLAN AND WALL SECTIONS
D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CLG. GRID SYSTEM SUSPENDED FROM STRUCT. – INFILLED W/ 1/2" VINYL FACED GYPSUM BOARD PANELS
F. FRAMED-UP GYP. BD. DROP CEILING. – PRIMED & PAINTED. SEE IFI INDEX

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- DECORATIVE WALL SCONCE – REFER TO FF&E PACKAGE
- DECORATIVE ROUND SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- DECORATIVE SQUARE SURFACE MOUNT LIGHT FIXTURE– REFER TO FF&E PACKAGE
- DECORATIVE SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- (R-1): RECESSED DOWNLIGHT
- (R-2): RECESSED WALL WASH
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) – UL WET LABELED
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-6): SURFACE MOUNTED FIXTURE
- (R-7): EXT. RECESSED DOWNLIGHT WALL WASHER- (UL WET LABEL)
- (T-1): 2X2 LAY-IN FLUORESCENT FIXTURE
- (T-2): 2X4 LAY-IN FLUOR. FIXTURE
- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (C-1): RECESSED FLUORESCENT COVE FIXTURE - 4FT
- (W-1): WALL MOUNTED STRIP LIGHT - 4FT
- (S-1): WALL SCONCE @ POOL AREA (UL WET LABEL)
- (S-2): WALL SCONCE @ REAR ENTRY (UL WET LABEL)
- (S-3): EXTERIOR SCONCE (UPLIGHT)
- (S-5): EXTERIOR FLOODLIGHT
- (G-1): EXTERIOR HEAVY DUTY LIGHT STRING
- SPEAKER
- MECHANICAL EXHAUST GRILLE
- 2X2 MECHANICAL RETURN GRILLE
- 2X2 MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY LINEAR GRILLE
- MECHANICAL RETURN GRILLE
- SMOKE DETECTOR
- CARBON-MONOXIDE DETECTOR
- CLNG. SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- 'VEE' CONTROL JOINT
- (P-3) IN-GROUND UPLIGHT
- FIRE HORN/STROBE

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER DESIGNS SHOWN IN THE SET. SEE MEP PLANS. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS, RATED WHERE REQUIRED.
3. PROVIDE EMERGENCY LIGHTING PER DESIGNS SHOWN IN THE SET. SEE RCP & ELECTRICAL DRAWINGS
4. CENTER LINE OF WALL DEVICES TO BE MOUNTED AT 15" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. SPRINKLER HEADS ARE SHOWN FOR DESIGN INTENT & REFERENCE ONLY. SPRINKLER DESIGNER/ENGINEER WILL NEED TO MODIFY ACCORDINGLY. SPRINKLER HEADS IN CEILINGS IN PUBLIC AREAS TO BE CONCEALED. ALL OTHER HEADS TO BE SEMI-RECESSED.
7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO THE CIRCULATION PATH ABOVE 27" A.F.F. AND BELOW 80" A.F.F. IS LIMITED TO A 4" MAXIMUM PROJECTION.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

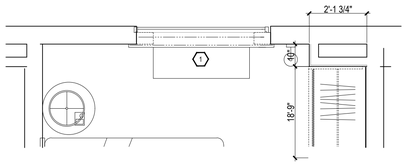
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
THIRD & FOURTH FLOOR RCP. PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A3.02

NOTE:
ALL NOTES, REFERENCES, AND DIMENSIONS FOR THIS PLAN MATCH THOSE IN THE TYPICAL PLAN U.N.O.-- REFER TO 13A / A4.01



13J / A4.01 WINDOW WALL AT EXTENDED BAY
SCALE: 3/8" = 1'-0" — QUEEN STUDIO (ROOMS 211, 311. AND 411)

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

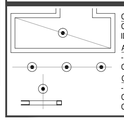
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK, OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (ISS6010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info Phone: (888) 480-8539
3. INNCOM E7 (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bryjaco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST — MECHANICAL SUPPLY

DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E — LIGHT

ACCESS PANEL IN GUEST BATH, NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://tiecsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

CEILING LEGEND:

CEILING HEIGHT / CEILING FINISH (e.g. 8'-6" C)

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D.	2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E.	2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		CAT6 OUTLET FOR PHONE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 48" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FS	FS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
FH	FH	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE

1A / A4.01 ELECTRIC PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO

5A / A4.01 FLOOR FINISH PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO

9A / A4.01 CEILING PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO

13A / A4.01 CONSTRUCTION PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

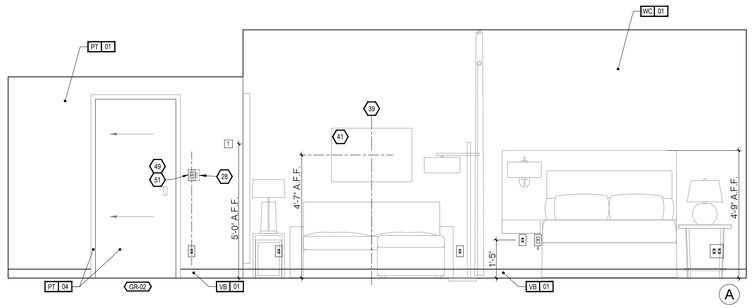
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

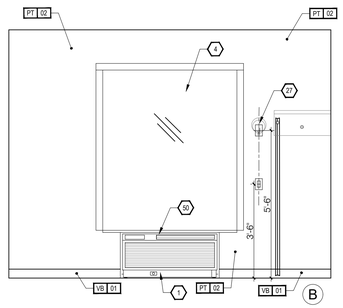
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLANS - QUEEN STUDIO

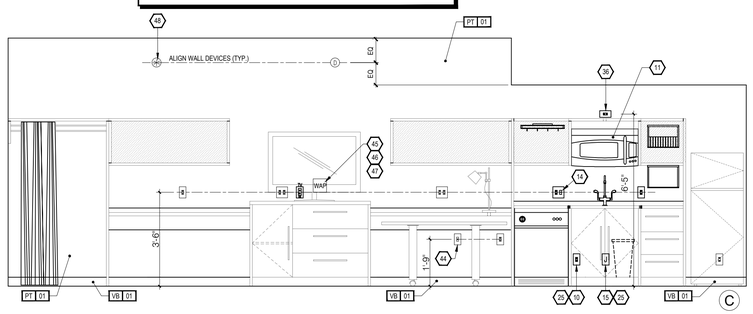
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

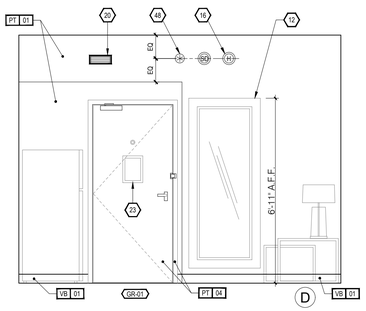
SHEET NUMBER:
A4.01





ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS, WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN





1J A4.01a INTERIOR ELEVATIONS - QUEEN STUDIO

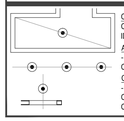
SCALE: 3/8" = 1'-0"

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (SS9010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP)
NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP)
-UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE
FLUORESCENT
- REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH, NOT RATED, PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE- LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESKWORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://bcisupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D.	2x2 LAY-IN ACOUSTICAL C.G. TILE SUSPENDED FROM STRUCT.
E.	2'X4' LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		CAT6 OUTLET FOR PHONE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 48" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FS	FS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
Info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

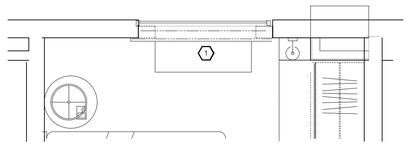
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATIONS - QUEEN STUDIO

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A4.01a



13J / A4.02 WINDOW WALL AT EXTENDED BAY
SCALE: 3/8" = 1'-0" — CONNECTING (ROOMS 203, 303, 403)

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

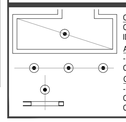
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFITT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (ISS6010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@jasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: ataranto@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST — MECHANICAL SUPPLY

DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E — LIGHT

ACCESS PANEL IN GUEST BATH, NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESKWORK AREA, MAINTAIN 9" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://acsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

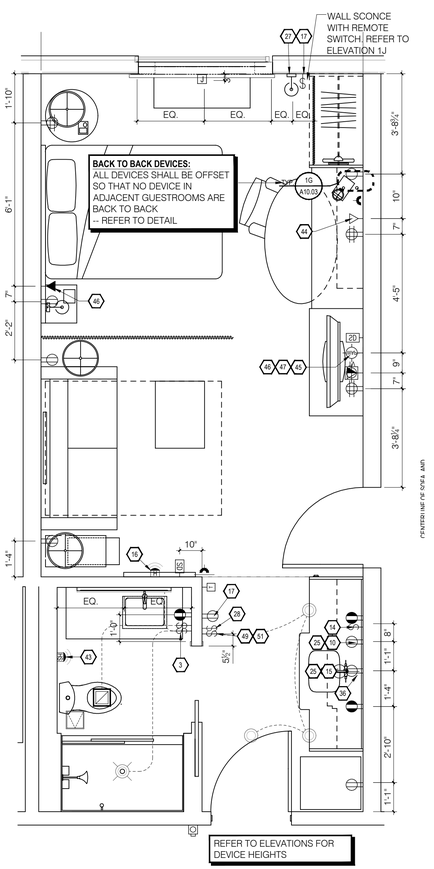
CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

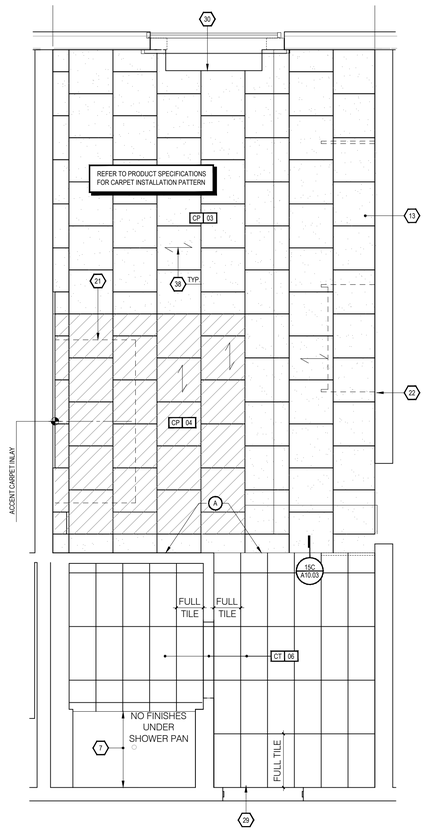
A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D. 2x2 LAY-IN ACOUSTICAL O.G. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

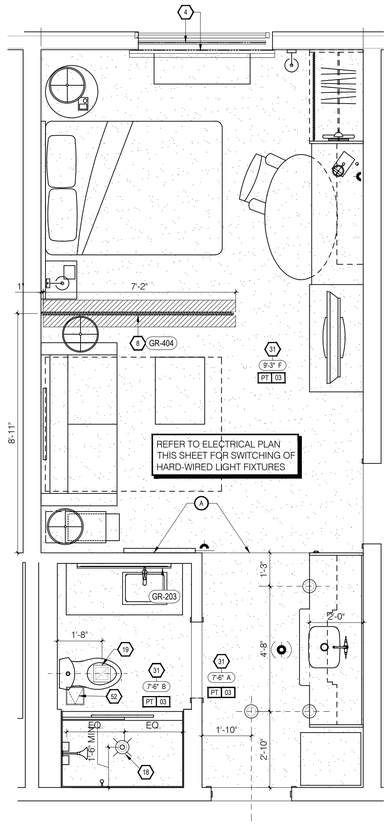
PLAN:	ELEV:	
	P	POWER OUTLET
	Q	QUAD OUTLET
	GFCI	GFCI OUTLET
	D	DATA OUTLET
	T	CAT6 OUTLET FOR PHONE
	TV	CAT6 & COAX OUTLET FOR TV
	E	ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FSS	FSS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



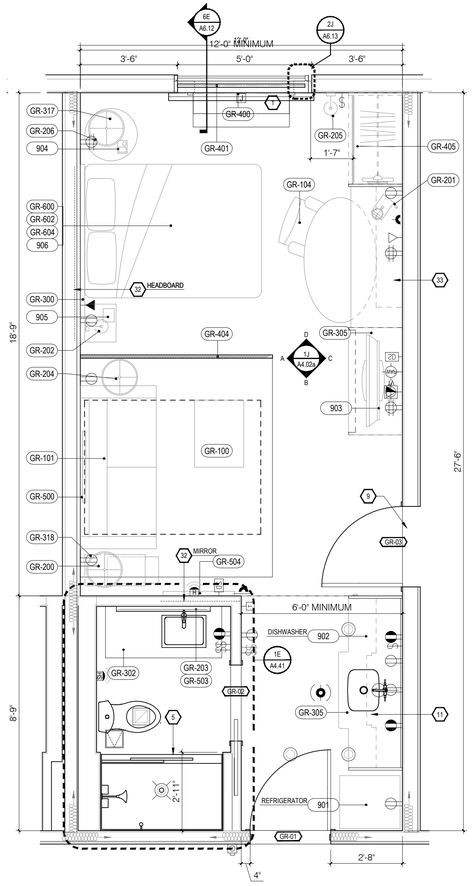
1A / A4.02 ELECTRIC PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO CONNECTING



5A / A4.02 FLOOR FINISH PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO CONNECTING



9A / A4.02 CEILING PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO CONNECTING



13A / A4.02 CONSTRUCTION PLAN
SCALE: 3/8" = 1'-0" — QUEEN STUDIO CONNECTING

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLANS - QUEEN STUDIO CONNECTING

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A4.02

STAY CONNECTED ROOMS CHECKLIST

NETWORK-
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND

CENTER FIXTURE IN SPACE - CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES - ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER - CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECOINSIGHT+ (SS6010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM E7 (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@byjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: ataranto@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

FURNISHINGS LEGEND:

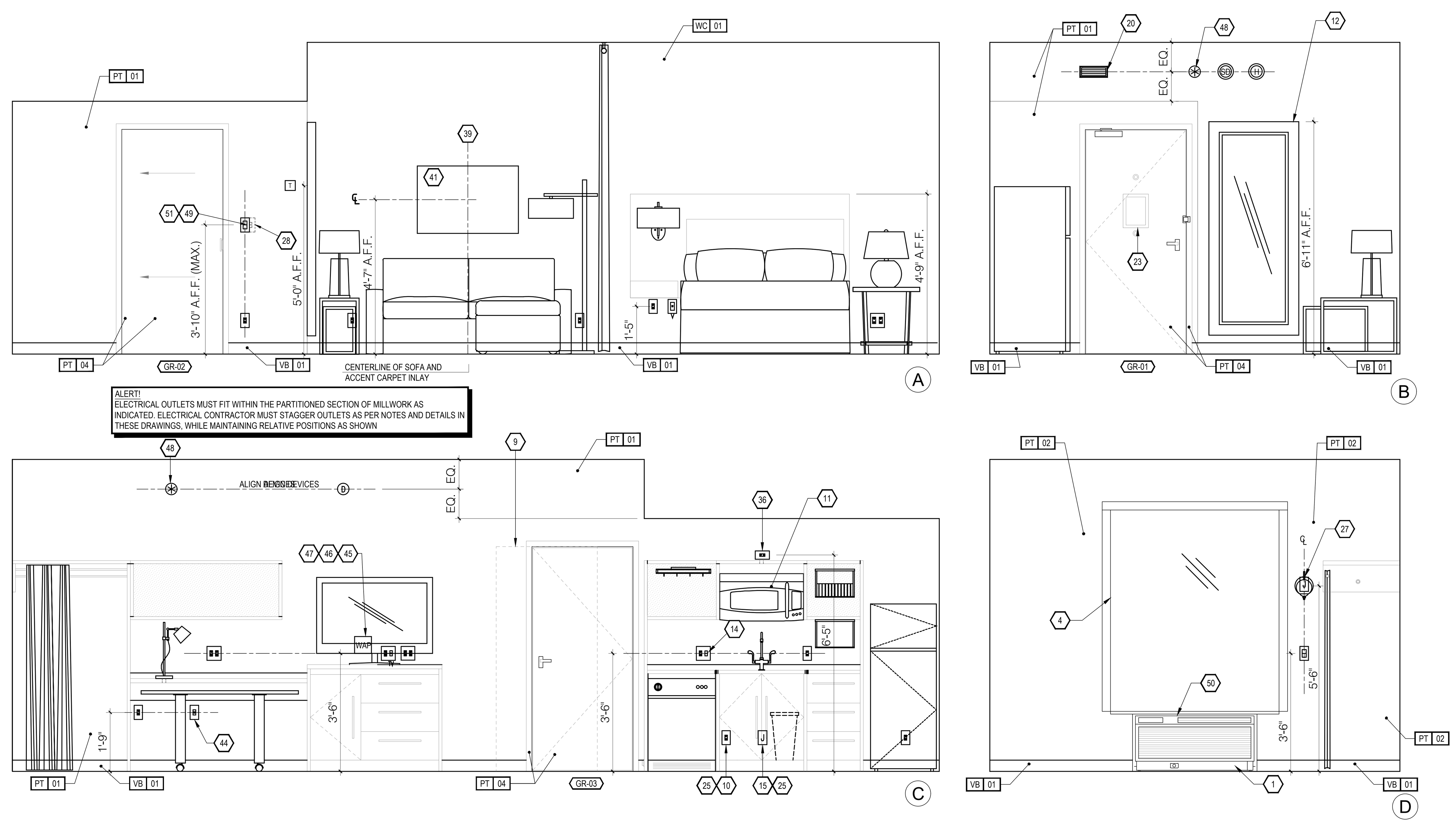
XXX	
GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E
- LIGHT
- ACCESS PANEL IN GUEST BATH. NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.



1J
A4.02a

INTERIOR ELEVATIONS - QUEEN STUDIO CONNECTING

SCALE: 3/8" = 1'-0"

KEY NOTES:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERT IS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://iscsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

- A. PRIMED & PAINTED GYPSUM BOARD
- B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
- C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
- D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
- E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
- F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN: / ELEV:

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- CAT6 OUTLET FOR PHONE
- CAT6 & COAX OUTLET FOR TV
- ELECTRICAL SWITCH
- SMOKE DETECTOR
- FLOOR MOUNTED "J" BOX
- WALL MOUNTED "J" BOX
- CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
- SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- STAY CONNECTED THERMOSTAT
- DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
- DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
- FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
- FIRE HORN (NON-C.F. ROOMS)
- WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATIONS - QUEEN STUDIO CONNECTING

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A4.02a

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

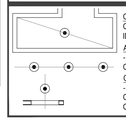
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFITT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (ISI8010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM E7 (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP)
NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP)
-UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE
FLUORESCENT
- REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH. NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://tscsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

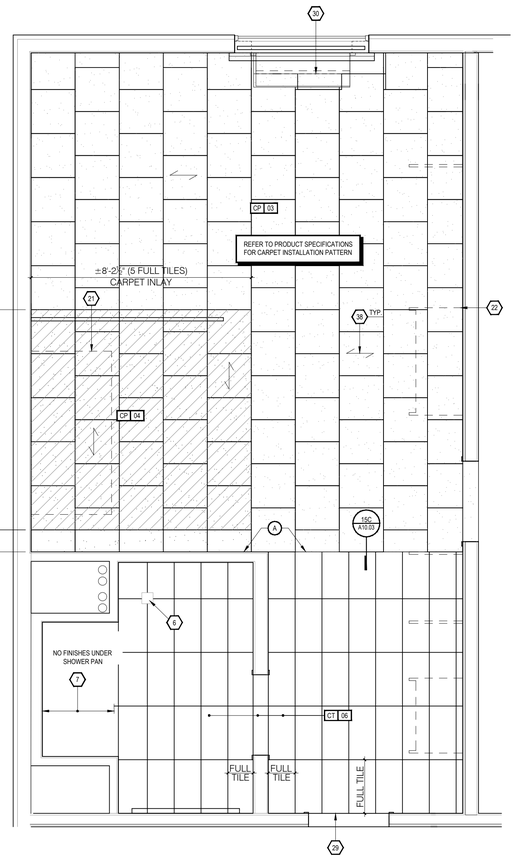
CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

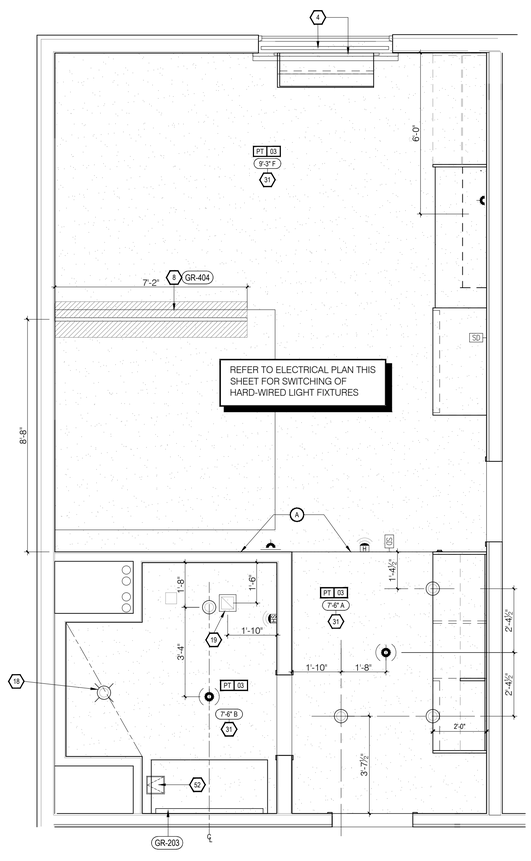
A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

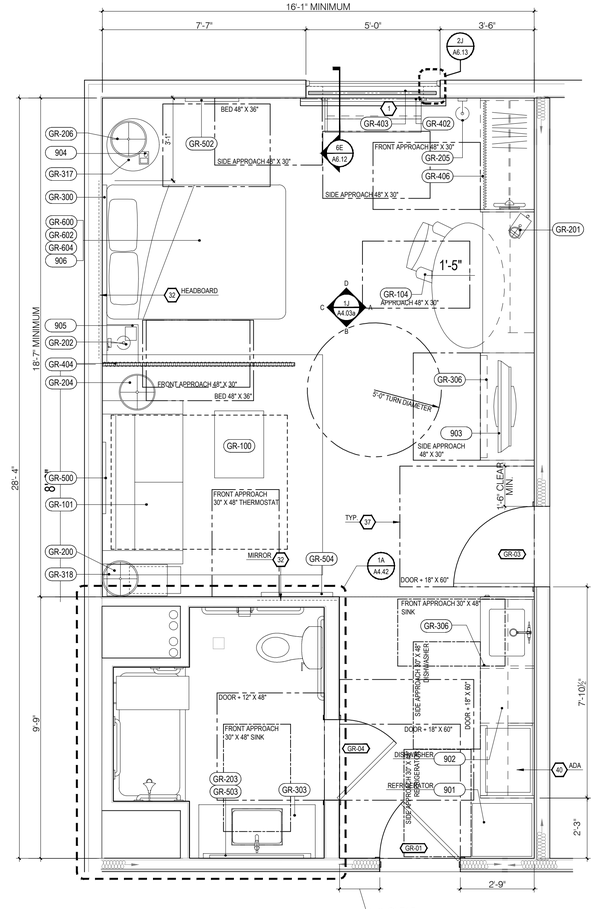
PLAN	ELEV.	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		CAT6 OUTLET FOR PHONE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
		FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



5A A4.03 FLOOR FINISH PLAN
SCALE: 3/8" = 1'-0" QUEEN STUDIO ACCESSIBLE



9A A4.03 CEILING PLAN
SCALE: 3/8" = 1'-0" QUEEN STUDIO ACCESSIBLE



13A A4.03 CONSTRUCTION PLAN
SCALE: 3/8" = 1'-0" QUEEN STUDIO ACCESSIBLE

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLAN - QUEEN STUDIO ACCESSIBLE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A4.03

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

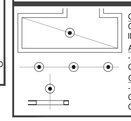
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFITT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECOINSIGHT+ (IS06010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info Phone: (888) 480-8539
3. INNCOM E7 (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE
FLUORESCENT
- REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH, NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED WIN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESKWORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://acsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

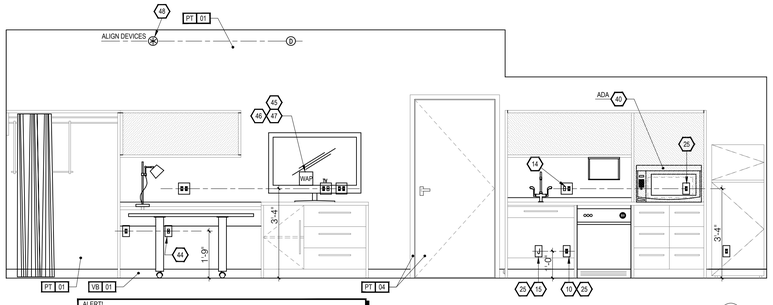
CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

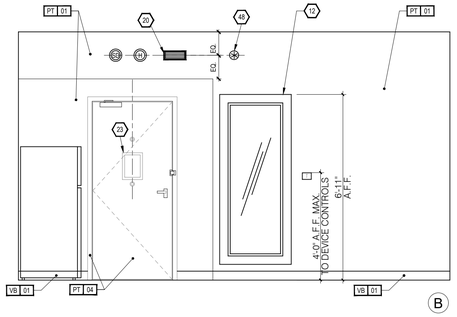
A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D.	2x2 LAY-IN ACOUSTICAL O.G. TILE SUSPENDED FROM STRUCT.
E.	2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

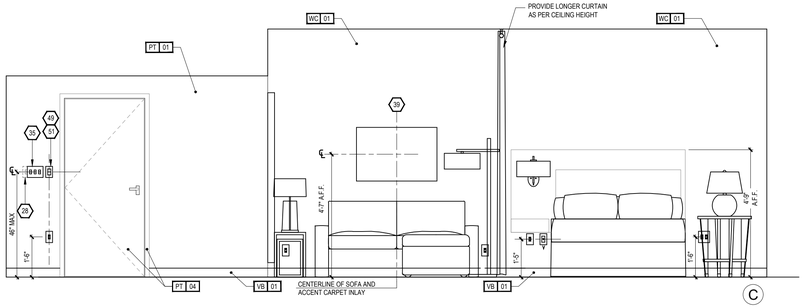
PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		CAT6 OUTLET FOR PHONE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 48" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FS	FS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



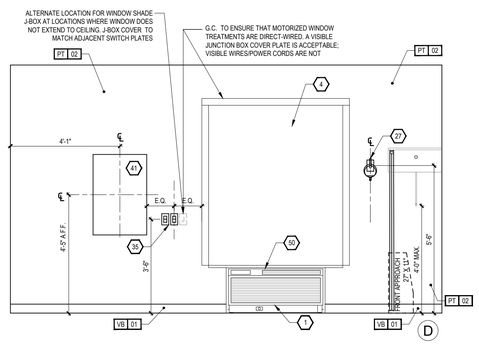
A



B



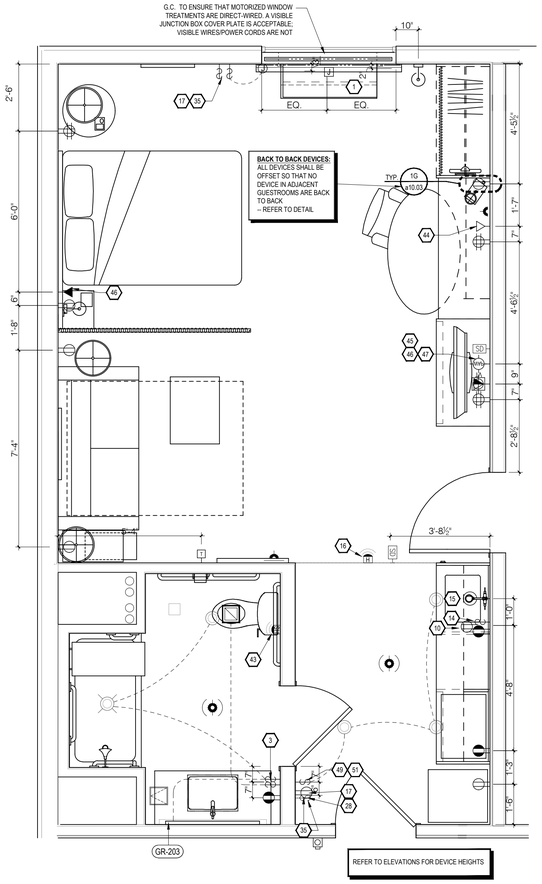
C



D

1J A4.03a INTERIOR ELEVATIONS - QUEEN STUDIO ACCESSIBLE

SCALE: 3/8" = 1'-0"



1A A4.03a ELECTRIC PLAN

SCALE: 3/8" = 1'-0" QUEEN STUDIO ACCESSIBLE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLAN AND ELEVATION - QUEEN STUDIO ACCESSIBLE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A4.03a

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

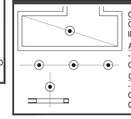
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECOINSIGHT+ (IS06010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH. NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA, MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://tscsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

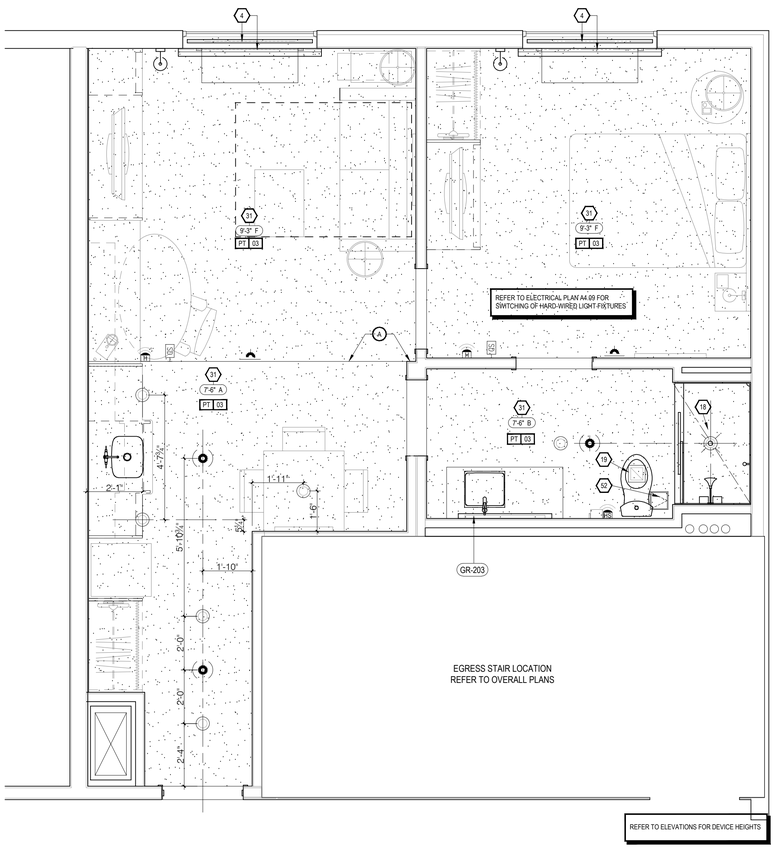
CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

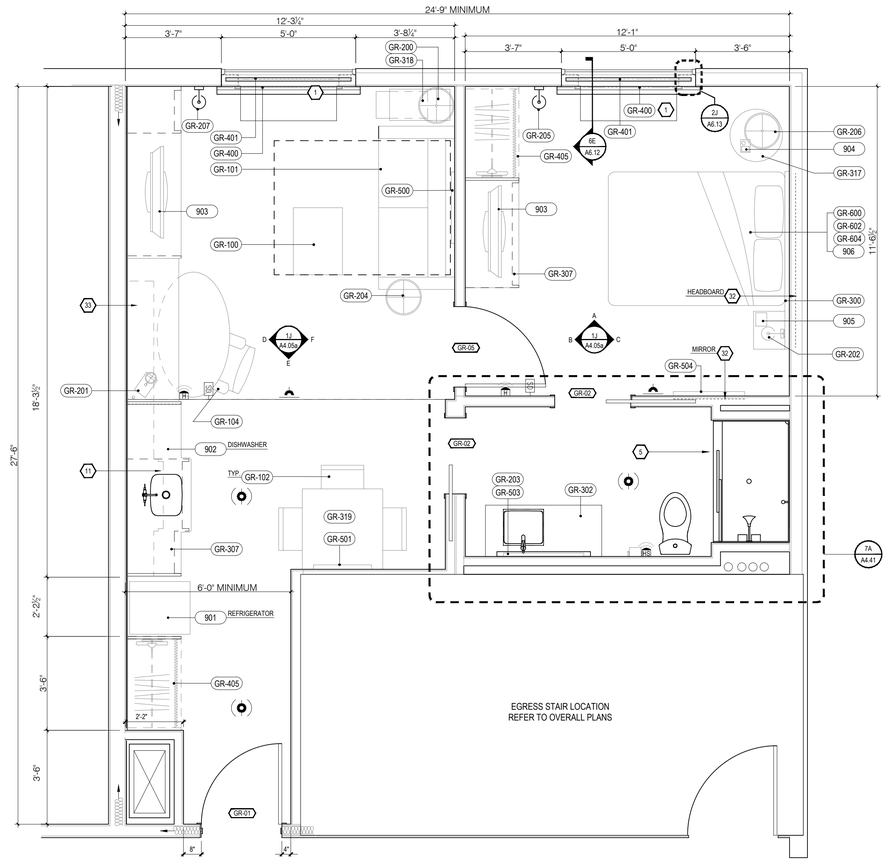
A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN	ELEV.	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
	D	DATA OUTLET
	T	CAT6 OUTLET FOR PHONE
TV	D T	CAT6 & COAX OUTLET FOR TV
S	S	ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FHS	FHS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
FH	FH	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



1A A4.04 CEILING PLAN
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM



9A A4.04 CONSTRUCTION PLAN
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 PH/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLAN - QUEEN ONE BEDROOM

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A4.04

STAY CONNECTED ROOMS CHECKLIST

NETWORK-
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND

CENTER FIXTURE IN SPACE - CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECOINSIGHT+ (SS6010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM E7 (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@byjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: ataranto@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

FURNISHINGS LEGEND:

XXX	
GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E
- LIGHT
- ACCESS PANEL IN GUEST BATH. NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

KEY NOTES:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERT IS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://iscsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

CEILING LEGEND:

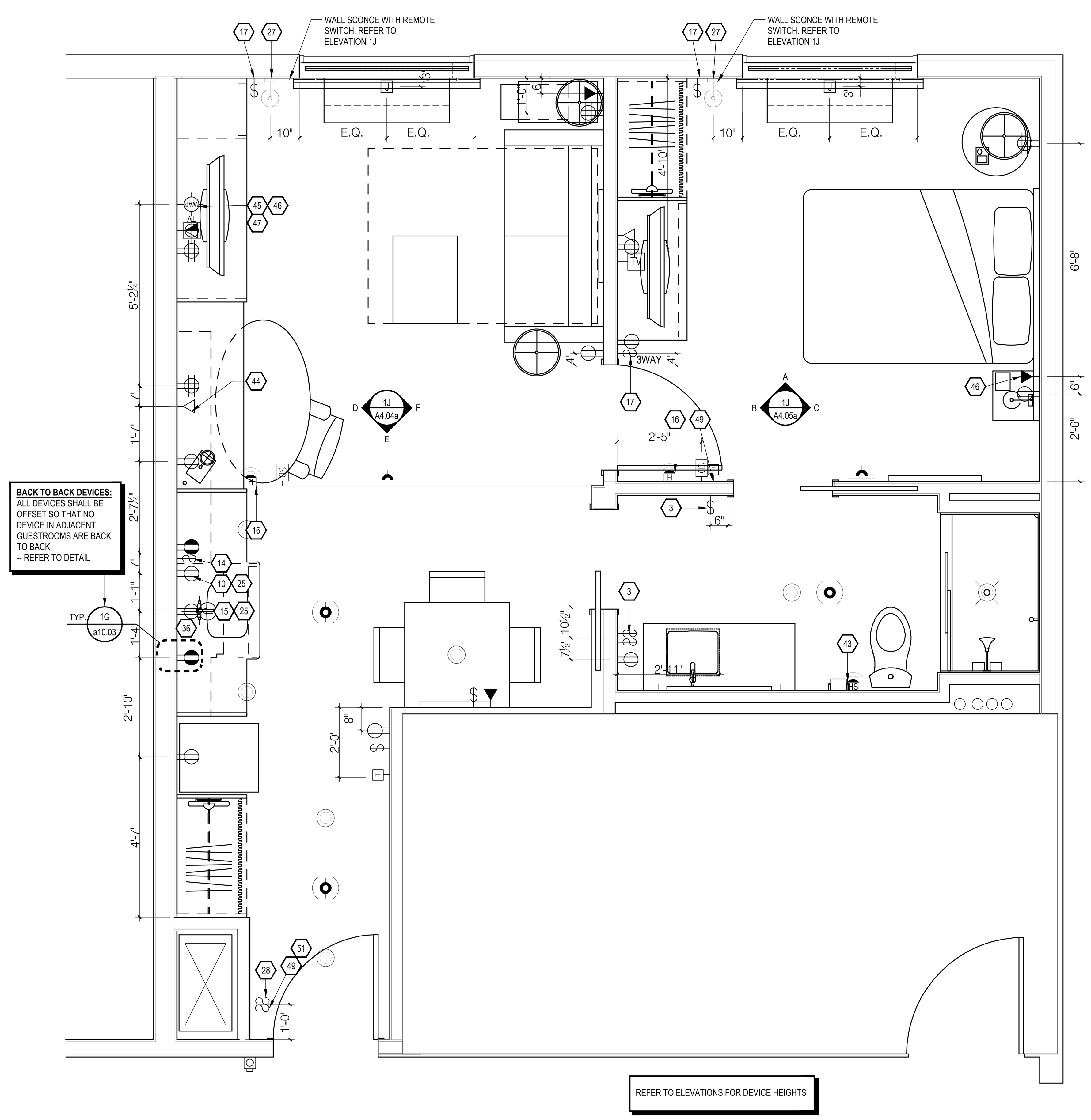
8'-6" C — CEILING HEIGHT / CEILING FINISH

- A. PRIMED & PAINTED GYPSUM BOARD
- B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
- C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
- D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
- E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
- F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

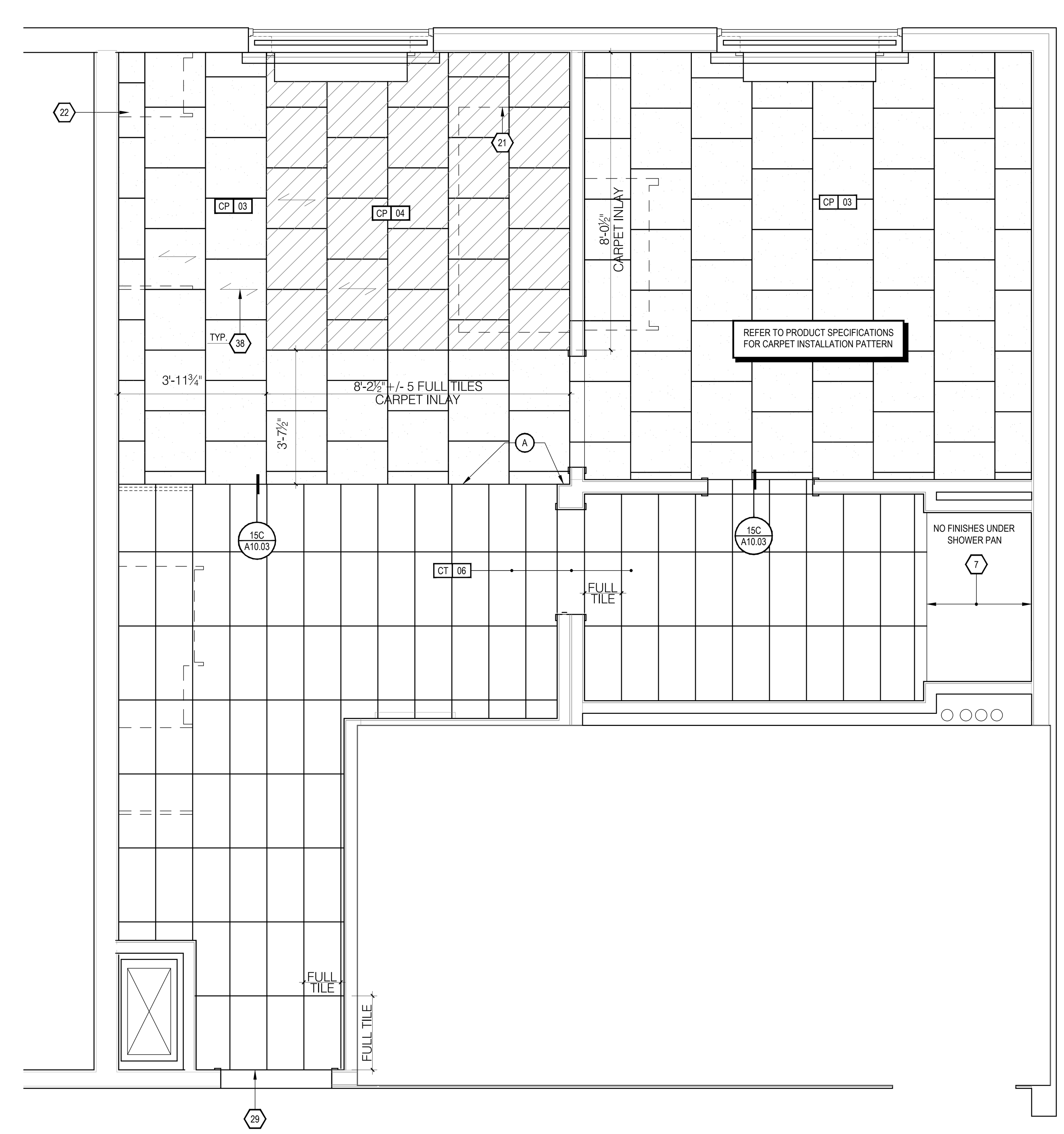
POWER AND SIGNAL LEGEND:

PLAN: / ELEV:

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- CAT6 OUTLET FOR PHONE
- CAT6 & COAX OUTLET FOR TV
- ELECTRICAL SWITCH
- SMOKE DETECTOR
- FLOOR MOUNTED "J" BOX
- WALL MOUNTED "J" BOX
- CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
- SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- STAY CONNECTED THERMOSTAT
- DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
- DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
- FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
- FIRE HORN (NON-C.F. ROOMS)
- WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



1A / A4.05 **ELECTRICAL PLAN**
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM



9A / A4.05 **FLOOR FINISH PLAN**
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

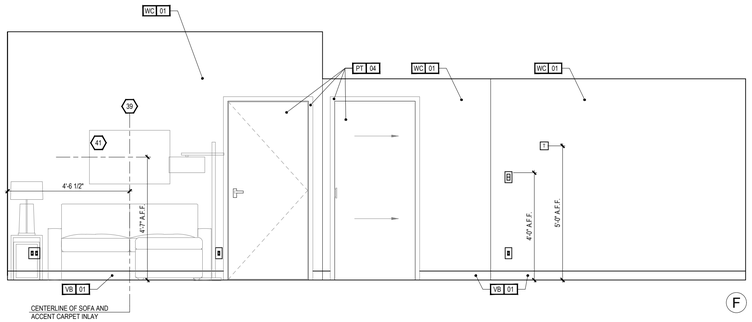
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

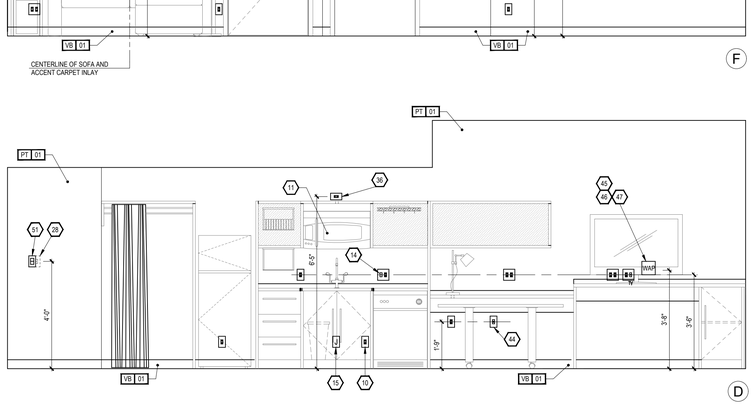
LAYOUT:
ENLARGED PLAN - QUEEN ONE BEDROOM

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.05



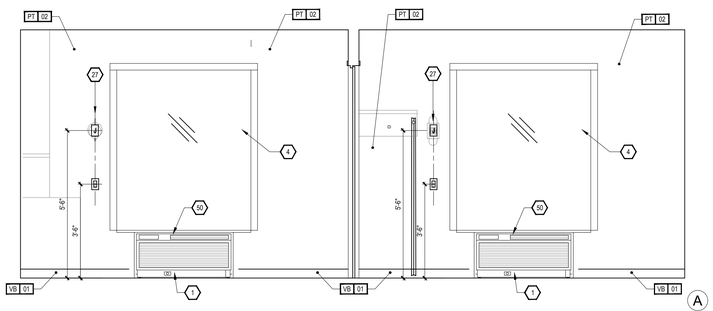
F



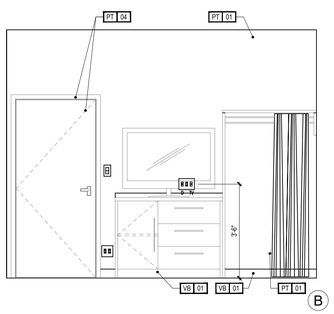
D

E

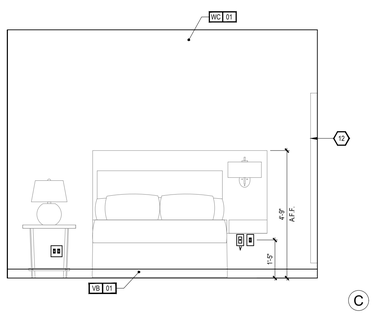
ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS, WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN



A



B



C

1J A4.05a INTERIOR ELEVATIONS - QUEEN ONE BEDROOM

SCALE: 3/8" = 1'-0"

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

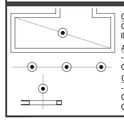
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFITT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (IS96010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@jasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH. NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESKWORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://bcsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D. 2x2 LAY-IN ACOUSTICAL O.C.G. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
	P	POWER OUTLET
	QP	QUAD OUTLET
		GFCI OUTLET
	D	DATA OUTLET
	C	CAT6 OUTLET FOR PHONE
	TV / C	CAT6 & COAX OUTLET FOR TV
	S	ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FSD	FSD	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATION - QUEEN ONE BEDROOM

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A4.05a

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

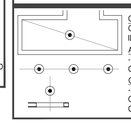
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECOINSIGHT+ (IS9010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: ataranto@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH, NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://bcsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

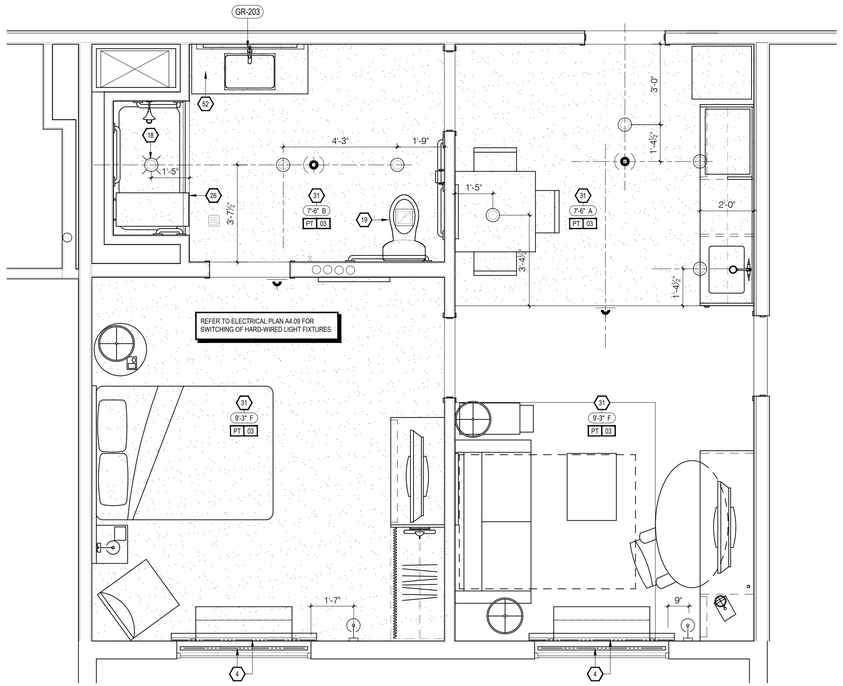
CEILING LEGEND:

8'-6" — CEILING HEIGHT / CEILING FINISH

A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D. 2x2 LAY-IN ACOUSTICAL O.G. TILE SUSPENDED FROM STRUCT.
E. 2'X1 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

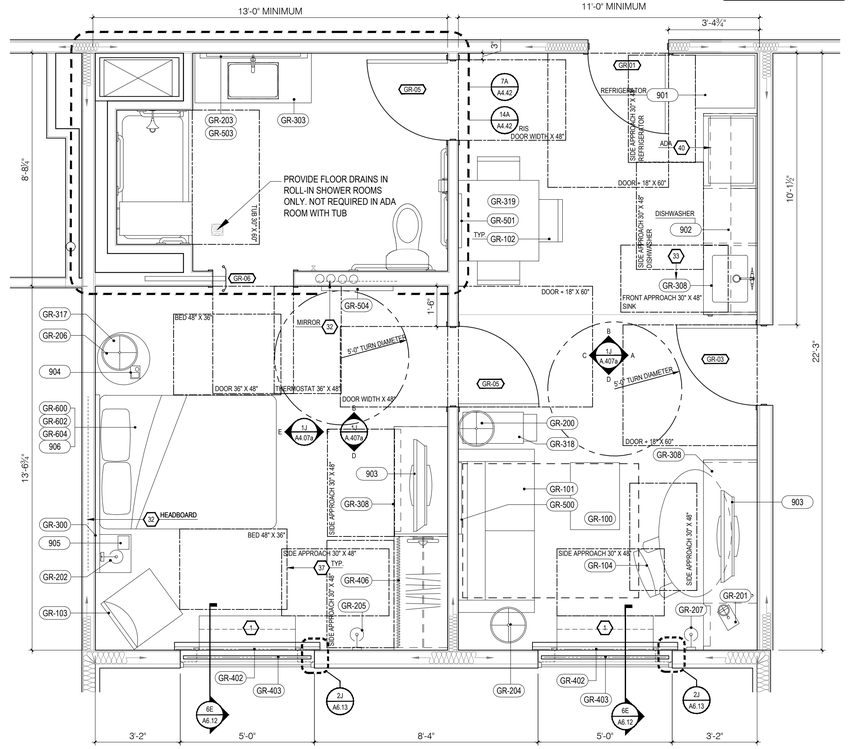
POWER AND SIGNAL LEGEND:

PLAN	ELEV.	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		CAT6 OUTLET FOR PHONE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 48" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FS	FS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



1A A4.06 CEILING PLAN
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM ACCESSIBLE

ALERT: ACCESSIBLE GUESTROOM TO RECEIVE ROLL IN SHOWER ON 1ST AND 3RD FLOORS AND BATH TUB ON 2ND AND 4TH FLOORS--REFER TO DETAIL 4A / A4.11



9A A4.06 CONSTRUCTION PLAN
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM ACCESSIBLE

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-8016

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLAN - QUEEN ONE BEDROOM ACCESSIBLE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A4.06

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

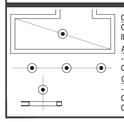
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (IS9810)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP)
NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP)
-UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE
FLUORESCENT
- REFER TO FF&E

LIGHT

ACCESS PANEL IN GUEST BATH, NOT RATED, PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

K E Y N O T E S:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA, MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS. SEE https://acuityply.com/ MODEL CAP-0009 OR EQUAL PAINT TO MATCH CEILING COLOR AND FINISH

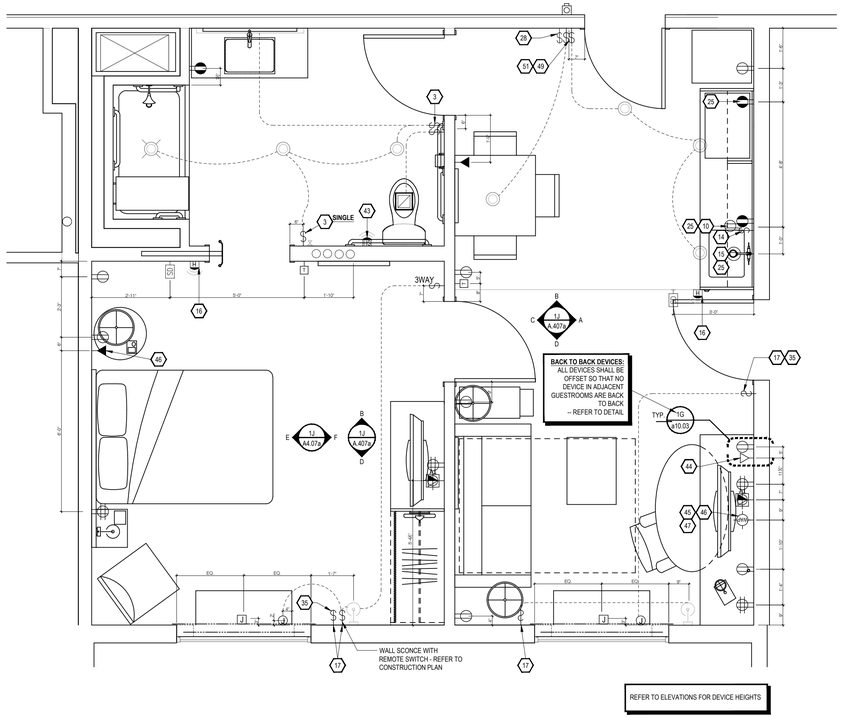
CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

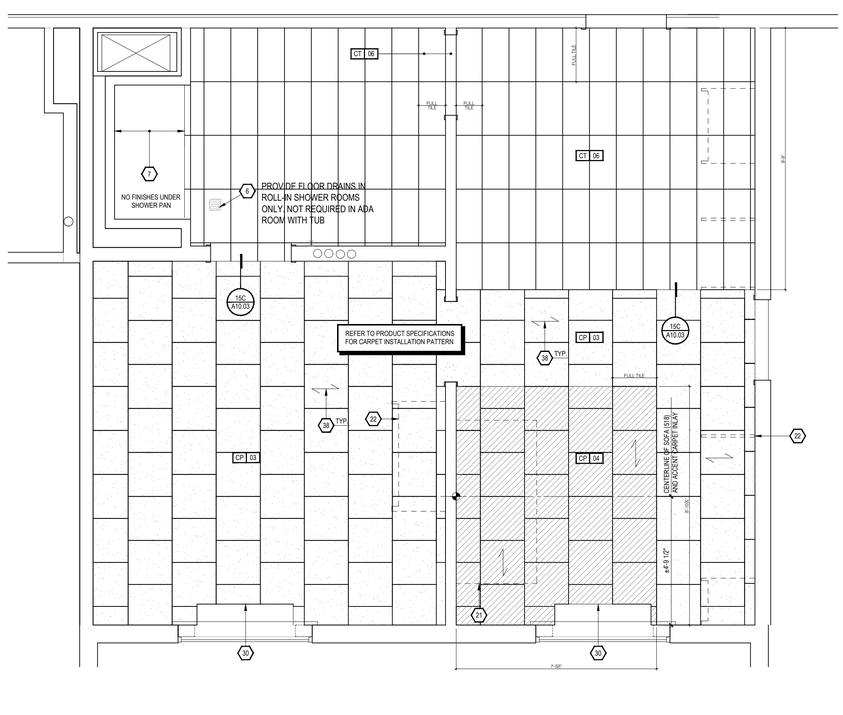
A. PRIMED & PAINTED GYPSUM BOARD
B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS – ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY – REFER TO SECTIONS
D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN	ELEV	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
	D	DATA OUTLET
	T	CAT6 OUTLET FOR PHONE
	TV D	CAT6 & COAX OUTLET FOR TV
	S	ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
FSD	FSD	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
FH	FH	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE



1A A4.07 ELECTRIC PLAN
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM ACCESSIBLE



9A A4.07 FLOOR FINISH PLAN
SCALE: 3/8" = 1'-0" QUEEN ONE BEDROOM ACCESSIBLE

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLAN - QUEEN ONE BEDROOM ACCESSIBLE

PAPER SIZE:	24X36 (ARCH D)
SCALE:	AS NOTED
PROJECT NUMBER:	19003

SHEET NUMBER:
A4.07

STAY CONNECTED ROOMS CHECKLIST

NETWORK -
- DEPLOY UNONET
- MAINTAIN A MINIMUM CIRCUIT SIZE PER SECTION 710.03 OF BRAND STANDARDS

TELEVISION -
- INSTALL CATEGORY 6 (CAT6) CABLING BEHIND EACH GUESTROOM TV
- INSTALL COAX CABLING BEHIND EACH GUESTROOM TV
- DEPLOY A HEADEND-BASED FREE-TO-GUEST SYSTEM
- REMOVE ANY ON DEMAND OR STREAMING/CASTING SOLUTIONS
- ENSURE AT LEAST ONE OUTLET BEHIND THE TV RECEIVES CONSTANT POWER
- PURCHASE HOSPITALITY TVS WITH HDMI AND MPI PORTS
- LEAVE AT LEAST 2" OF CLEARANCE BEHIND THE GUESTROOM TV
- USE AN ARTICULATING TV WALL MOUNT (IF WALL MOUNTED)

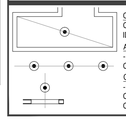
ROOM CONTROLS -
- INSTALL CONNECTED ROOM-COMPATIBLE THERMOSTATS IN ALL GUESTROOMS
- INSTALL CONNECTED ROOM-COMPATIBLE LIGHT SWITCHES IN GUESTROOM ENTRANCE ONLY. THE SWITCH WILL CONTROL ENTRANCE AND KITCHENETTE ONLY. NEUTRAL WIRING AT CONNECTED ROOM LIGHT SWITCH.
- OUTFIT ALL LIGHT SWITCHES WITH A NEUTRAL WIRE.
- IN ORDER FOR CONNECTED ROOM TO WORK OWNER REQUIRE TO INSTALL "EDGE CONTROL"BEHIND THE TV. EDGE CONTROL IS A HILTON EQUIPMENT.
- THERMOSTAT MUST BE HARDWIRED.
- TV OUTLETS NOT TO BE CONNECTED TO MASTER SWITCH. EDGE CONTROL BEHIND THE TV REQUIRE POWER ALL THE TIME.

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL

CEILING DIMENSION LEGEND



CENTER FIXTURE IN SPACE -
CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

STAY CONNECTED ROOMS THERMOSTAT INFORMATION

HILTON APPROVED THERMOSTATS -
1. TELKONET ECONSIGHT+ (IS96010)
   Email: connectedroom@telkonet.com . PHONE: (866) 375-6276
2. VERDANT (VX-VR-HCR)
   Email: Hilton@verdant.info . Phone: (888) 480-8539
3. INNCOM ET (201-528-24-BK OR 201-528-24-WH)
   Email: sales@inncom.com . Phone: (860) 739-4468
4. INNCOM e528 Retrofit (via PC502)
   Email: sales@inncom.com . Phone: (860) 739-4468

STAY CONNECTED ROOMS LIGHT SWITCH INFORMATION

HILTON APPROVED LIGHT SWITCH:
1. JASCO ZIGBEE IN-WALL SWITCH (45856)
   Email: daguilar@bysjasco.com
2. LEVITON LUMINA RF 15A (DL15S-1BZ)
   Email: atarantc@hospitalityproductsupply.com
   Phone: (858) 427-0870

ONLY THE ENTRY AND KITCHENETTE LIGHTS TO BE CONNECTED TO THE APPROVED HILTON SWITCH. THIS SWITCH TO BE NEUTRAL WIRING.

XXX FURNISHINGS LEGEND:

GR-100	OTTOMAN
GR-101	SLEEPER SOFA
GR-102	DINING CHAIR
GR-103	LOUNGE CHAIR
GR-104	TASK CHAIR
GR-200	SIDE TABLE LAMP
GR-201	TASK LAMP
GR-202	HEADBOARD WALL SCONCE
GR-203	VANITY LIGHT
GR-204	FLOOR LAMP
GR-205	END WALL SCONCE
GR-206	NIGHTSTAND TABLE LAMP
GR-207	END WALL SCONCE
GR-208	SOFA WALL SCONCE
GR-300	QUEEN HEADBOARD
GR-301	KING HEADBOARD
GR-302	VANITY
GR-303	ACCESSIBLE VANITY
GR-304 -16	WORKING WALL
GR-317	NIGHTSTAND
GR-318	SIDE TABLE
GR-319	DINING TABLE
GR-400 - 03	ROLLER SHADE
GR-404	ROOM DIVIDER
GR-405 - 06	CLOSET DRAPERY
GR-500	ARTWORK AT SLEEPER SOFA
GR-501	ARTWORK AT DINING TABLE
GR-502	ARTWORK AT END WALL
GR-503	VANITY MIRROR
GR-504	WALL MIRROR
GR-600	QUEEN BOXSPRING COVER
GR-601	KING BOXSPRING COVER
GR-602	QUEEN BED BASE
GR-603	KING BED BASE
GR-604	QUEEN COVERLET
GR-605	KING COVERLET
901	REFRIGERATOR
902	DISHWASHER
903	TELEVISION
904	CLOCK/RADIO
905	TELEPHONE
906	QUEEN MATTRESS & BOXSPRING
907	KING MATTRESS & BOXSPRING
908	SHOWER CURTAIN ROD
909	SHOWER CURTAIN

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

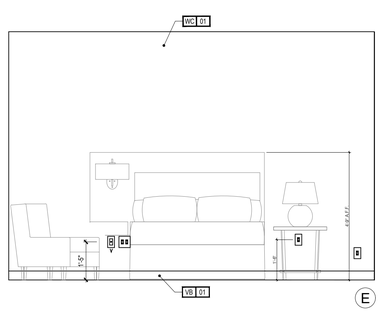
DECORATIVE WALL SCONCE FLUORESCENT - REFER TO FF&E

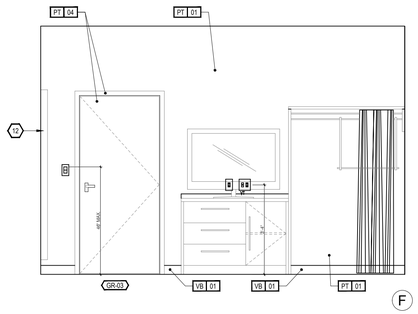
LIGHT

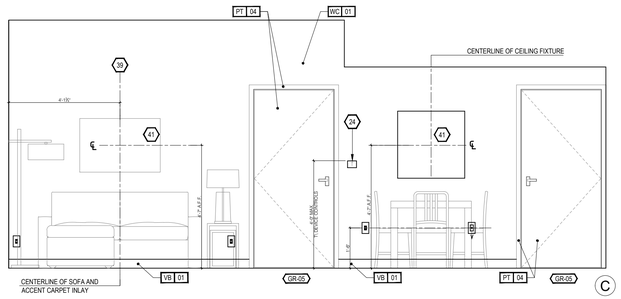
ACCESS PANEL IN GUEST BATH, NOT RATED. PANEL INSTALLED IN DROP CEILING FOR ACCESS TO WATER SHUTOFF VALVE. PAINT TO MATCH CEILING

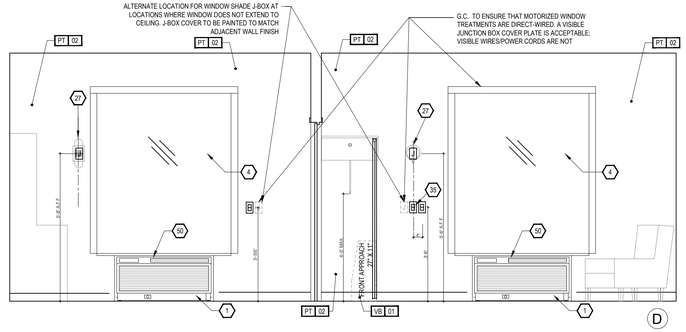
GENERAL NOTES:

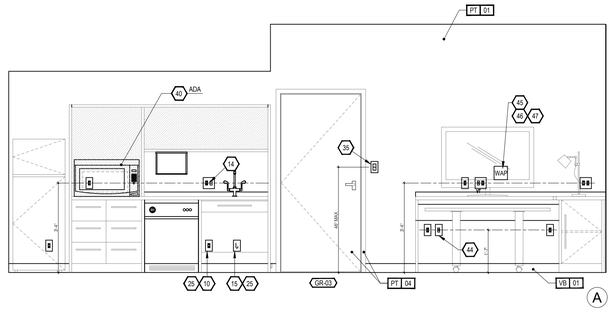
1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS, SPRINKLERS, & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR DESIGN INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL RECEPTACLES/DATA PORTS TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O. - REFER ALSO TO **HADG**
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED @ B/T 15" A.F.F. & 48" A.F.F. & PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. --ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY W/ THE **HADG**.
7. IN ACCESSIBLE ROOMS @ LEAST ONE OUTLET & DATA CONNECTION FOR USE BY GUESTS MUST BE MOUNTED B/T 15" & 48" A.F.F. & PROVIDE A CLEAR FLOOR AREA IN COMPLIANCE W/ ACCESSIBLE STANDARDS. SEE **HADG** FOR FURTHER REQ'S.
8. OBJECTS MOUNTED W/IN THE CIRCULATION PATH IN ACCESSIBLE ROOMS B/T 27" & 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQ'S.

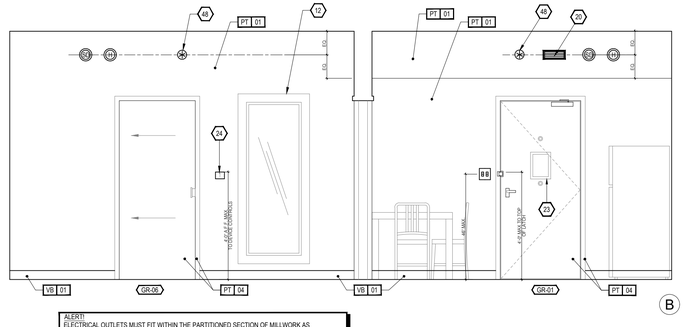












ALERT!
ELECTRICAL OUTLETS MUST FIT WITHIN THE PARTITIONED SECTION OF MILLWORK AS INDICATED. ELECTRICAL CONTRACTOR MUST STAGGER OUTLETS AS PER NOTES AND DETAILS IN THESE DRAWINGS, WHILE MAINTAINING RELATIVE POSITIONS AS SHOWN

1J / A4.07a INTERIOR ELEVATIONS - QUEEN ONE BEDROOM ACCESSIBLE

SCALE: 3/8" = 1'-0"

KEY NOTES:

1. PTAC UNIT
2. DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT & AREAS AS DEFINED BY ACCESSIBILITY. REFER TO **HADG** FOR FURTHER INFO.
3. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
4. BLACK OUT ROLLER SHADE
5. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
6. FLOOR DRAIN
7. PRE-MANUFACTURED SHOWER PAN
8. CEILING MOUNTED DRAPERY ROD--PROVIDE BLOCKING AS REQ'D
9. ALTERNATE LOCATION OF DOOR FOR CONNECTING ROOMS TO ACCESSIBLE ROOMS--REFER TO OVERALL PLANS FOR LOCATION OF ACCESSIBLE ROOMS
10. DEDICATED CIRCUIT FOR DISHWASHER
11. RANGE TOP STYLE MICROWAVE AFFIXED TO WALL
12. FULL HEIGHT MIRROR
13. BEGIN CARPET TILE THIS SIDE W/ FULL TILE--FIRST TWO ROWS OF TILE TO BE INSTALLED AROUND BUILT-IN CASE GOODS
14. SWITCH CONTROLLING GARBAGE DISPOSAL-REFER TO **HADG** FOR ACCESSIBLE ROOM REQ'S.
15. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16. FIRE HORN IN STANDARD ROOMS
    FIRE HORN/STROBE IN C.F. ROOMS
17. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY --REFER TO ELEVATIONS FOR EXACT POSITION
18. RECESSED CEILING LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
19. TOILET EXHAUST GRILLE
20. MAKE-UP AIR DIFFUSER
21. OUTLINE OF SOFA
22. APPROXIMATE LOCATIONS OF MILLWORK SUPPORTS ON FLOOR. PROVIDE SHIMS OR LEVELERS UNDER SUPPORTS TO PREVENT CARPET CRUSHING.
23. ROOM SIGNAGE
24. WIRELESS THERMOSTAT FOR PTAC (ACCESSIBLE ROOMS ONLY). MOUNTED 48" MAX TO TOP OF DEVICE.
25. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
26. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING -- WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
27. WALL SCONCE (WALL SCONCE AT ACCESSIBLE ROOM MUST NOT PROJECT MORE THAN 4" FROM WALL) -- HARDWIRE FIXTURE TO WALL-- CONTRACTOR TO VERIFY J-BOX TYPE TO ENSURE PROPER INSTALLATION
28. DOORBELL ON/OFF SWITCH (C.F. ROOMS ONLY)SIGNAGE AS REQ'D.
29. START TILE @ DOOR W/ ONE ROW OF FULL TILES
30. EDGE OF PTAC ABOVE CARPET TILES
31. MIN. CEILING HEIGHT MUST BE MAINTAINED -- REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
33. GENERAL CONTRACTOR TO COORDINATE W/ FIXTURE FABRICATOR WHERE NECESSARY TO PROVIDE PROPER BLOCKING IN WALL FOR ITEM KEYNOTED
34. OPTIONAL CAT5 & ELECTRICAL FOR CONNECTIVITY PANEL -- THIS LOCATION IN MILLWORK
35. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL
36. OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
37. REQ'D ACCESSIBLE CLEAR FLOOR AREA DESIGNATION
38. INDICATES DIRECTION OF CARPET PATTERN
39. CENTER ARTWORK OVER SOFA
40. COUNTERTOP MICROWAVE
41. GRAPHIC ART REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
42. NOT USED
43. ADDITIONAL HORN STROBE: LOCATED IN C.F. BATHROOMS ONLY
44. WHEN AN OPTIONAL WIRED CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESKWORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP FOR GUEST CONVENIENCE.
45. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR
46. PROVIDE CAT6-RJ45 CABLE FOR WAP (TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE-LINE POWERED WAP) AND COAX CABLE FOR TV BEHIND THE TV IN EVERY GUESTROOM
47. COORDINATE WAP LOCATION WITH OTHER DEVICES TO AVOID CONFLICT
48. PROVIDE SIGNAGE BELOW THE SPRINKLER TO PREVENT GUEST FROM HANGING HANGERS.
49. SWITCH-STAY CONNECTED SWITCH. SEE SPECS. EXACT LOCATION OF THIS SWITCH LOCATION TO BE DETERMINED ON SITE WITH OWNER DURING CONSTRUCTION
50. SOLID SURFACE QUARTZ STONE WINDOW SILL. SEE HILTON SPECS.
51. MASTER SWITCH
52. 9"X9" NON-RATED ACCESS PANEL TO ACCESS WATER SUPPLY VALVES. PROVIDE SEAMLESS ACCESS PANELS, SEE https://iscsupply.com/ MODEL CAP-0009 OR EQUAL. PAINT TO MATCH CEILING COLOR AND FINISH

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY -- REFER TO SECTIONS
D.	2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E.	2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
	D	DATA OUTLET
	D	CAT6 OUTLET FOR PHONE
	D / TV	CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
J		CEILING MTD. "J" BOX FOR MOTORIZED ROLLER SHADE, RATED FOR USE IN A FIRE-RATED ASSEMBLY
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	STAY CONNECTED THERMOSTAT
		DOORBELL HARDWIRED TO DOORBELL LIGHT - MOUNT @ 46" AFF TO CENTER OF BUTTON (FOR C.F. ROOMS ONLY)
	D	DOORBELL LIGHT (FOR C.F. ROOMS ONLY)
HS	HS	FIRE HORN / STROBE (FOR C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)
H	H	FIRE HORN (NON-C.F. ROOMS)
WAP	WAP	WALL MOUNTED WIRELESS ACCESS POINT WITH CAT6 WIRE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

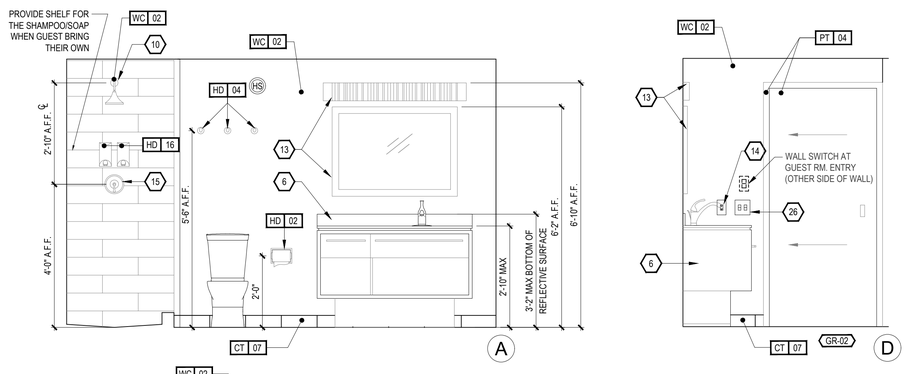
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

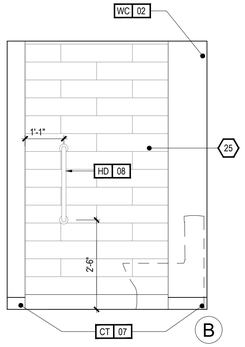
LAYOUT:
ENLARGED PLAN - QUEEN ONE BEDROOM ACCESSIBLE

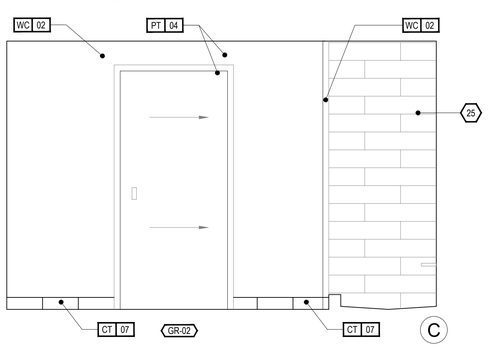
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

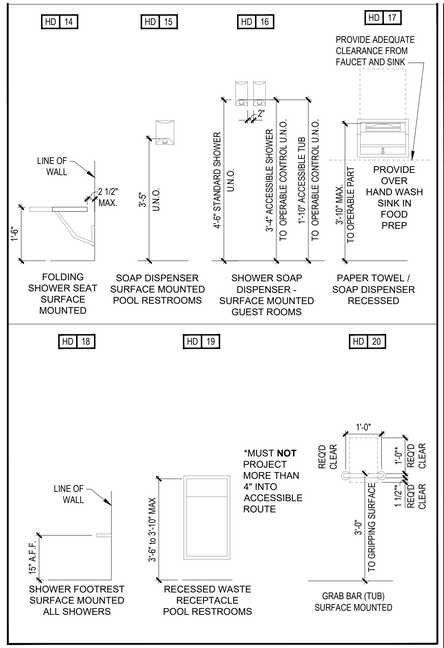
SHEET NUMBER:

A4.07a



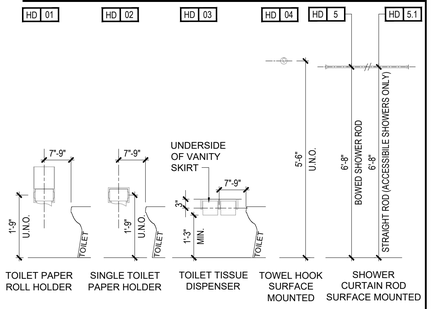


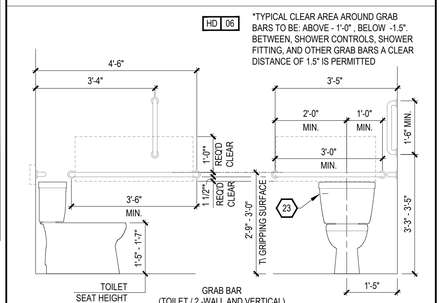




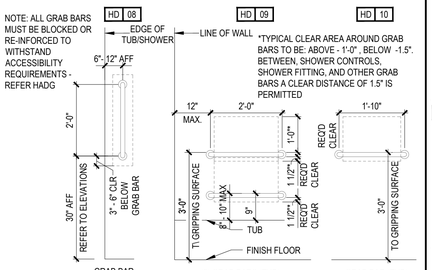
TOILET ACCESSORIES LEGEND: HD

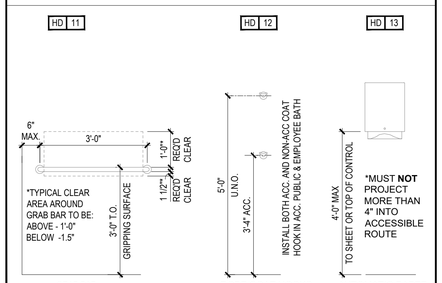
NOTE:
PROVIDE WOOD BLOCKING FOR ALL TOILET ACCESSORIES MOUNTED IN GYP. BD. PARTITIONS. MAINTAIN INTEGRITY OF FIRE RATING WHERE ACCESSORIES ARE IN RATED WALLS. REVIEW AND CONFIRM LOCAL CODES FOR ADDITIONAL ADA REQUIREMENTS.





NOTE: ALL GRAB BARS MUST BE BLOCKED OR RE-INFORCED TO WITHSTAND ACCESSIBILITY REQUIREMENTS - REFER HADG





KEY NOTES:

1. WALL MOUNTED GRAB BARS W/ REQUIRED CLEARANCES - 12" ABOVE AND1-1/2" BELOW. REFER TO ACCESSIBILITY STANDARDS & **HADG.**
2. CURTAIN ROD
3. TUB / SHOWER SURROUND - ACCESSIBLE SHOWER THRESHOLD. 1/2" MAX HEIGHT BEVELED 1:2 MAX. REFER TO **HADG** FOR MORE INFORMATION. OWNER MAY USE MINCY MARBLE SURROUNDS. OWNER APPROVAL REQUIRED FOR THIS ITEM.
4. TOWEL HOOKS
5. TOILET PAPER HOLDER
6. ACCESSIBLE VANITY UNIT, REFER TO FURNITURE DWGS.
7. ACCESSIBLE REMOVABLE TUB/SHOWER SEAT. REFER TO ACCESSIBILITY STANDARDS AND **HADG** FOR REQUIREMENTS.
8. CLEAR AREA OF SINK/VANITY MUST BE ACCESSIBLE
9. NOT USED
10. SHOWER HEAD
11. SHOWER DIVERTER VALVE
12. HAND SHOWER AND SIDE BAR. HAND-HELD SHOWER UNIT REQUIRED TO HAVE ON/OFF CONTROL WITH NON-POSITIVE SHUT OFF.
13. VANITY MIRROR AND LIGHT FIXTURE
14. GFCI OUTLET
15. ON/OFF - PRESSURE BALANCING VALVE
16. TRASH CAN
17. BULK AMENITY DISPENSER
18. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
19. TOWEL HOLDER
20. NOT USED
21. TOILET
22. FLOOR DRAIN LOCATION – MAINTAIN ACCESSIBLE COMPLIANT SLOPES TO DRAIN
23. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
24. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
25. SHOWER SURROUND -REFER TO EQUIPMENT SCHEDULE
26. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE. UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
27. DIMENSION SHOWN INDICATES FLOOR DEPRESSION REQUIRED TO ACCOMMODATE SHOWER UNIT. WHEN INSTALLED, SHOWER FLOOR TRANSITION SHALL MEET ACCESSIBILITY REQUIREMENTS - MAXIMUM TRANSITION 1/2" BEVELED, ROUNDED or VERTICAL.
28. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING – WHERE PRE-MANUFACTURED SHOWER INSERT IS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
29. SOAP DISPENSERS

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	GF-209	SOFA WALL SCONCE
GF-300	QUEEN HEADBOARD	901	REFRIGERATOR
GF-301	KING HEADBOARD	902	DISHWASHER
GF-302	VANITY	903	TELEVISION
GF-303	ACCESSIBLE VANITY	904	CLOCK/RADIO
GF-304 -16	WORKING WALL	905	TELEPHONE
GF-317	NIGHTSTAND	906	QUEEN MATTRESS & BOXSPRING
GF-318	SIDE TABLE	907	KING MATTRESS & BOXSPRING
GF-319	DINING TABLE	908	SHOWER CURTAIN ROD
GF-400 - 03	ROLLER SHADE	909	SHOWER CURTAIN

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

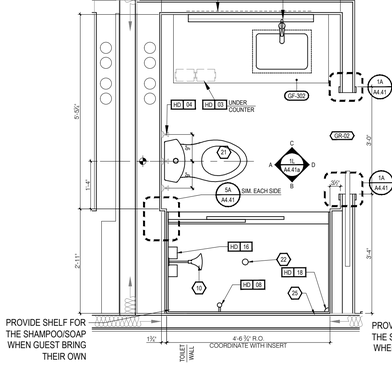
(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
MECHANICAL EXHAUST
MECHANICAL SUPPLY
WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

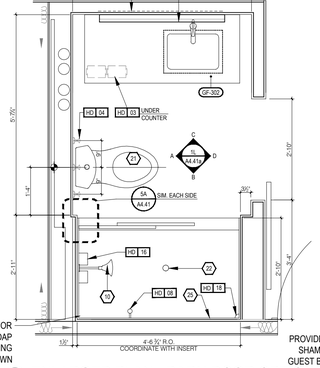
1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

1H INTERIOR ELEVATION - QUEEN SUITE (ONE BEDROOM)

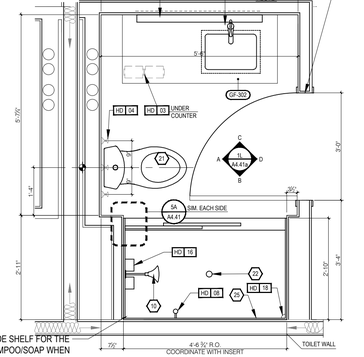
A4.41 SCALE: 1/2"= 1'-0" GUEST BATH



1E A4.41 BATHROOM POCKET DOOR
SCALE: 1/2"= 1'-0" STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

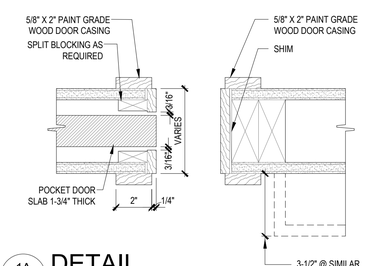


5E A4.41 ENLARGED PLAN - BARN DOOR OPTION
SCALE: 1/2"= 1'-0" STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

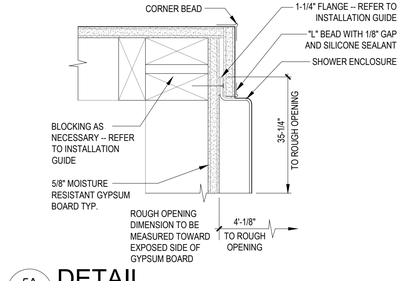


8E A4.41 BATHROOM SWING DOOR OPTION
SCALE: 1/2"= 1'-0" STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

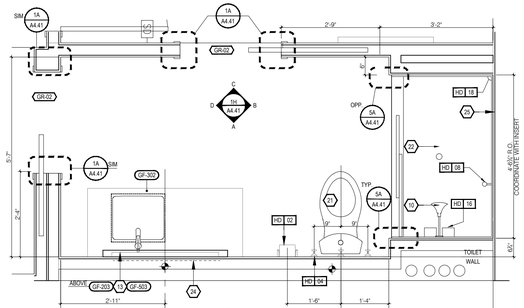
NOTE:
THIS IS AN ALTERNATE LAYOUT FOR THE GUEST BATHROOM TO ACCOMMODATE A STANDARD 3'-0" SWING DOOR. THE OVERALL ROOM DIMENSION IS INCREASED BY 6". 12'-6" MIN REQUIRED FOR ALL STANDARD ROOMS.



1A A4.41 DETAIL
SCALE: N.T.S POCKET DOOR



5A A4.41 DETAIL
SCALE: N.T.S TYPICAL GUESTROOM SHOWER



8A A4.41 ENLARGED PLAN
SCALE: 1/2"= 1'-0" QUEEN ONE BEDROOM END

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

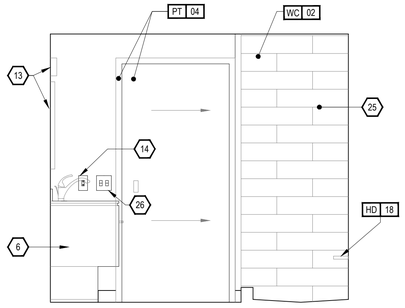
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

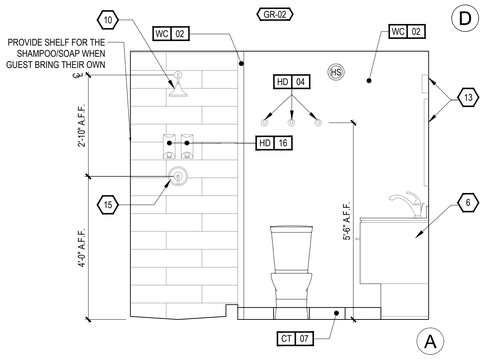
LAYOUT:
ENLARGED BATH PLANS AND ELEVATIONS TYPICAL GUEST ROOM BATHS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

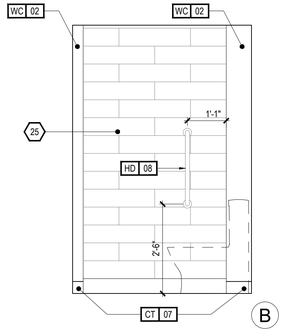
SHEET NUMBER:
A4.41



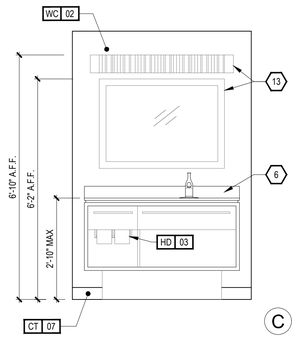
D



A



B

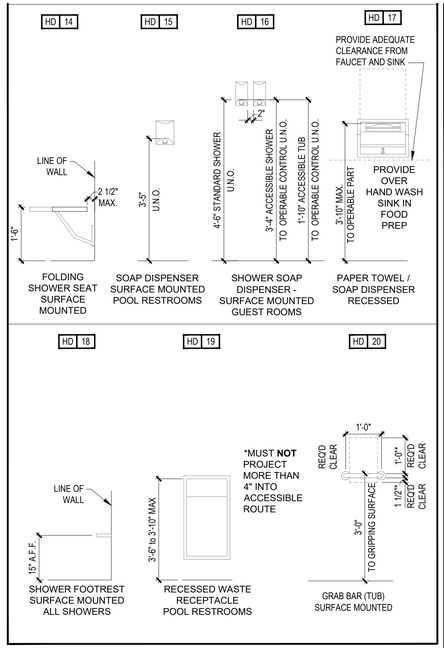


C

1L A4.41a INTERIOR ELEVATION - STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

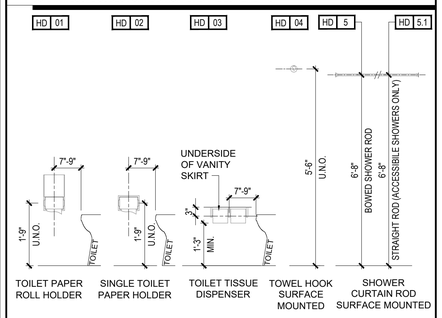
SCALE: 1/2"= 1'-0"

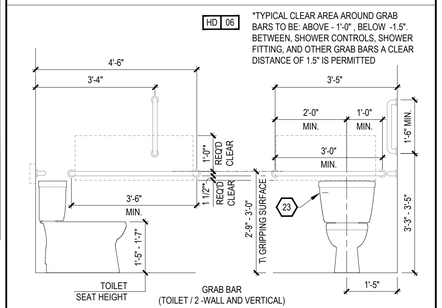
GUEST BATH

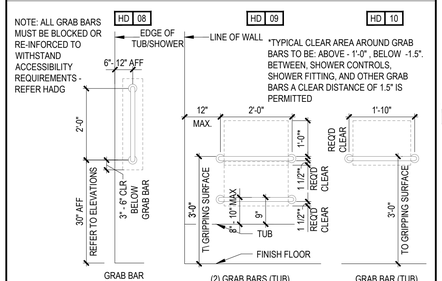


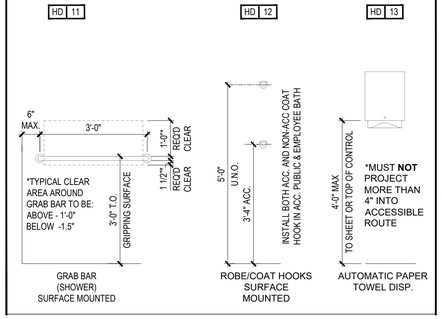
TOILET ACCESSORIES LEGEND: HD

NOTE:
PROVIDE WOOD BLOCKING FOR ALL TOILET ACCESSORIES MOUNTED IN GYP. BD. PARTITIONS. MAINTAIN INTEGRITY OF FIRE RATING WHERE ACCESSORIES ARE IN RATED WALLS. REVIEW AND CONFIRM LOCAL CODES FOR ADDITIONAL ADA REQUIREMENTS.









KEY NOTES:

1. WALL MOUNTED GRAB BARS W/ REQUIRED CLEARANCES - 12" ABOVE AND1-1/2" BELOW. REFER TO ACCESSIBILITY STANDARDS & **HADG.**
2. CURTAIN ROD
3. TUB / SHOWER SURROUND - ACCESSIBLE SHOWER THRESHOLD. 1/2" MAX HEIGHT BEVELED 1:2 MAX. REFER TO **HADG** FOR MORE INFORMATION. OWNER MAY USE MINOR MARBLE SURROUNDS. OWNER APPROVAL REQUIRED FOR THIS ITEM.
4. TOWEL HOOKS
5. TOILET PAPER HOLDER
6. ACCESSIBLE VANITY UNIT, REFER TO FURNITURE DWGS.
7. ACCESSIBLE REMOVABLE TUB/SHOWER SEAT. REFER TO ACCESSIBILITY STANDARDS AND **HADG** FOR REQUIREMENTS.
8. CLEAR AREA OF SINK/VANITY MUST BE ACCESSIBLE
9. NOT USED
10. SHOWER HEAD
11. SHOWER DIVERTER VALVE
12. HAND SHOWER AND SIDE BAR. HAND-HELD SHOWER UNIT REQUIRED TO HAVE ON/OFF CONTROL WITH NON-POSITIVE SHUT OFF.
13. VANITY MIRROR AND LIGHT FIXTURE
14. GFCI OUTLET
15. ON/OFF - PRESSURE BALANCING VALVE
16. TRASH CAN
17. BULK AMENITY DISPENSER
18. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
19. TOWEL HOLDER
20. NOT USED
21. TOILET
22. FLOOR DRAIN LOCATION – MAINTAIN ACCESSIBLE COMPLIANT SLOPES TO DRAIN
23. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
24. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
25. SHOWER SURROUND -REFER TO EQUIPMENT SCHEDULE
26. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
27. DIMENSION SHOWN INDICATES FLOOR DEPRESSION REQUIRED TO ACCOMMODATE SHOWER UNIT. WHEN INSTALLED, SHOWER FLOOR TRANSITION SHALL MEET ACCESSIBILITY REQUIREMENTS - MAXIMUM TRANSITION 1/2" BEVELED, ROUNDED or VERTICAL.
28. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING – WHERE PRE-MANUFACTURED SHOWER INSERT IS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
29. SOAP DISPENSERS

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS.
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

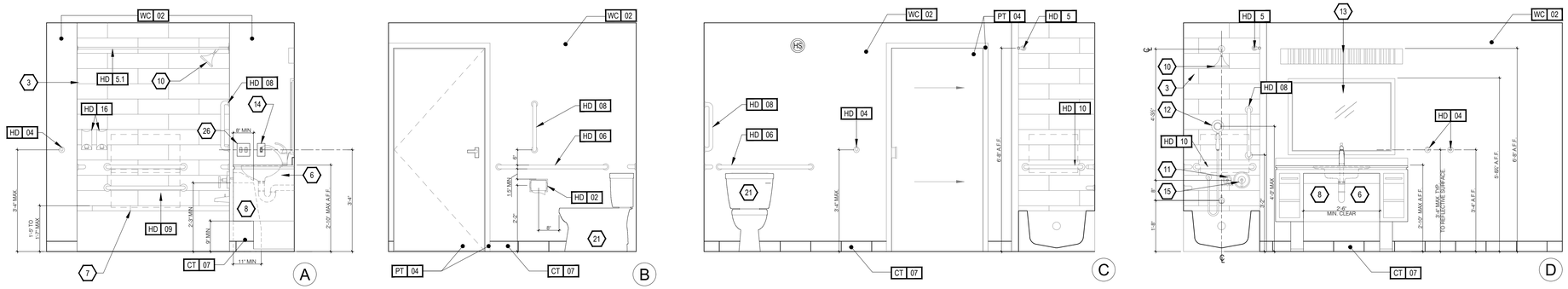
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED BATH ELEVATIONS TYPICAL GUEST ROOM BATHS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

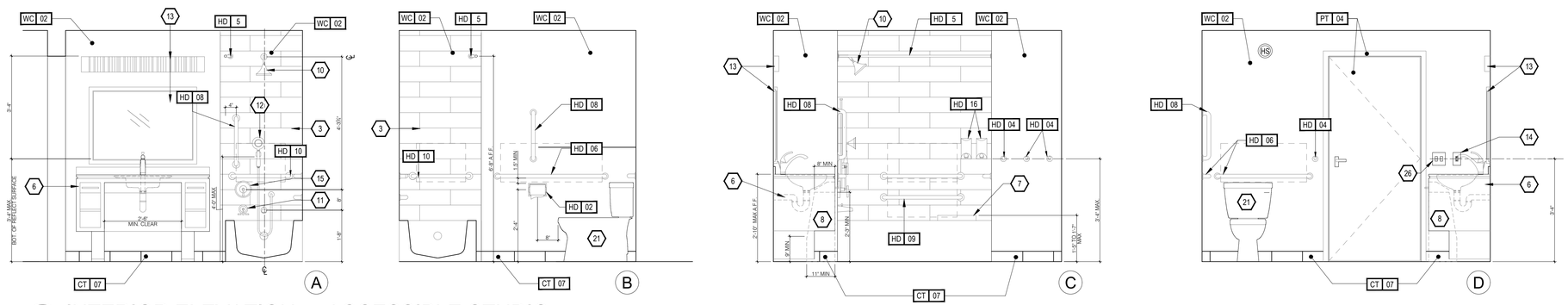
SHEET NUMBER:
A4.41a



1J / A4.42 INTERIOR ELEVATION - ACCESSIBLE ONE BEDROOM - WITH ACCESSIBLE TUB

SCALE: 1/2"= 1'-0"

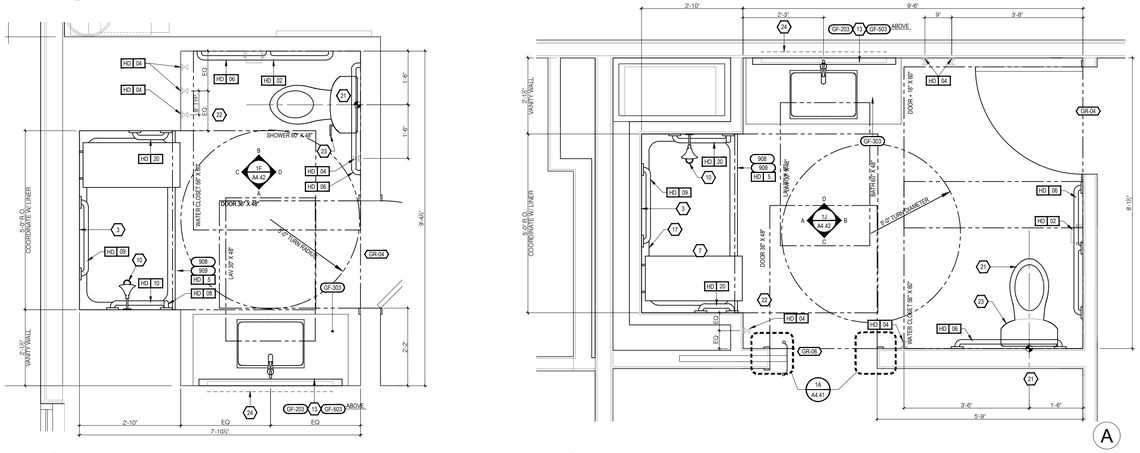
ACCESSIBLE TUB



1F / A4.42 INTERIOR ELEVATION - ACCESSIBLE STUDIO

SCALE: 1/4"= 1'-0"

ACCESSIBLE TUB



1A / A4.42 ENLARGED PLAN - ACCESSIBLE STUDIO

SCALE: 1/2"= 1'-0"

7A / A4.42 ENLARGED PLAN - ACCESSIBLE ONE BEDROOM

SCALE: 1/2"= 1'-0"

WITH TUB / ROLL IN SHOWER

ALERT: ACCESSIBLE GUESTROOM TO RECEIVE ROLL IN SHOWER ON 1ST FLOOR-REFER TO DETAIL "B". FOR BATH TUB ON 2ND AND 3RD FLOORS-REFER TO DETAIL "A"

KEY NOTES:

1. WALL MOUNTED GRAB BARS W/ REQUIRED CLEARANCES - 12" ABOVE AND1-1/2" BELOW. REFER TO ACCESSIBILITY STANDARDS **& HADG.**
2. CURTAIN ROD
3. TUB / SHOWER SURROUND - ACCESSIBLE SHOWER THRESHOLD, 1/2" MAX HEIGHT BEVELED 1:2 MAX. REFER TO **HADG** FOR MORE INFORMATION, OWNER MAY USE MINCY MARBLE SURROUNDS. OWNER APPROVAL REQUIRED FOR THIS ITEM.
4. TOWEL HOOKS
5. TOILET PAPER HOLDER
6. ACCESSIBLE VANITY UNIT, REFER TO FURNITURE DWGS.
7. ACCESSIBLE REMOVABLE TUB/SHOWER SEAT. REFER TO ACCESSIBILITY STANDARDS AND **HADG** FOR REQUIREMENTS.
8. CLEAR AREA OF SINK/VANITY MUST BE ACCESSIBLE
9. NOT USED
10. SHOWER HEAD
11. SHOWER DIVERTER VALVE
12. HAND SHOWER AND SIDE BAR. HAND-HELD SHOWER UNIT REQUIRED TO HAVE ON/OFF CONTROL WITH NON-POSITIVE SHUT OFF.
13. VANITY MIRROR AND LIGHT FIXTURE
14. GFCI OUTLET
15. ON/OFF - PRESSURE BALANCING VALVE
16. TRASH CAN
17. BULK AMENITY DISPENSER
18. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
19. TOWEL HOLDER
20. NOT USED
21. TOILET
22. FLOOR DRAIN LOCATION – MAINTAIN ACCESSIBLE COMPLIANT SLOPES TO DRAIN
23. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
24. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
25. SHOWER SURROUND -REFER TO EQUIPMENT SCHEDULE
26. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE. UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
27. DIMENSION SHOWN INDICATES FLOOR DEPRESSION REQUIRED TO ACCOMMODATE SHOWER UNIT. WHEN INSTALLED, SHOWER FLOOR TRANSITION SHALL MEET ACCESSIBILITY REQUIREMENTS- MAXIMUM TRANSITION 1/2" BEVELED, ROUNDED or VERTICAL.
28. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING – WHERE PRE-MANUFACTURED SHOWER INSERTS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
29. SOAP DISPENSERS

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -15	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN: ELEV:

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- VOICE OUTLET
- CCTV DEVICE
- ELECTRICAL SWITCH
- SMOKE DETECTOR
- FLOOR MOUNTED "J" BOX
- WALL MOUNTED "J" BOX
- SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- WALL MOUNTED WIRELESS THERMOSTAT
- FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 PH/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
— ATLANTA - CHARLOTTE —
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

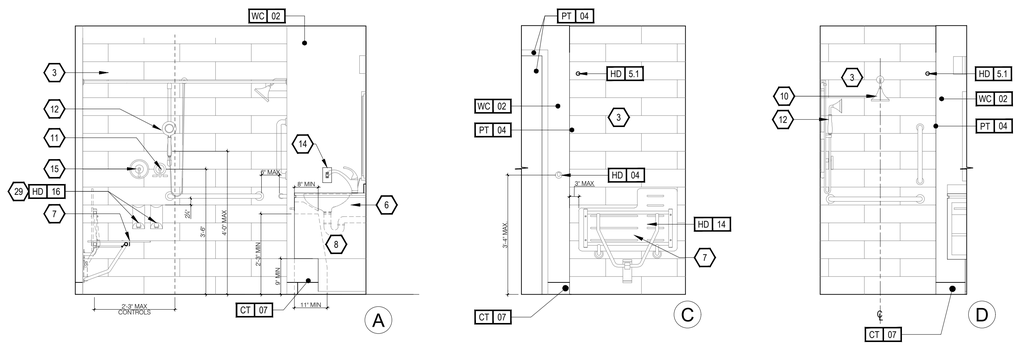
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ACCESSIBLE GUEST ROOMS-ENLARGED BATH PLANS & ELEVATIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A4.42



1M / A4.42a

INTERIOR ELEVATION - ACCESSIBLE ONE BEDROOM - WITH R.I.S.

SCALE: 1/2"= 1'-0"

ROLL-IN SHOWER

KEY NOTES:

1. WALL MOUNTED GRAB BARS W/ REQUIRED CLEARANCES - 12" ABOVE AND1-1/2" BELOW. REFER TO ACCESSIBILITY STANDARDS & **HADG.**
2. CURTAIN ROD
3. TUB / SHOWER SURROUND - ACCESSIBLE SHOWER THRESHOLD, 1/2" MAX HEIGHT BEVELED 1:2 MAX. REFER TO **HADG** FOR MORE INFORMATION, OWNER MAY USE MINCY MARBLE SURROUNDS. OWNER APPROVAL REQUIRED FOR THIS ITEM.
4. TOWEL HOOKS
5. TOILET PAPER HOLDER
6. ACCESSIBLE VANITY UNIT, REFER TO FURNITURE DWGS.
7. ACCESSIBLE REMOVABLE TUB/SHOWER SEAT. REFER TO ACCESSIBILITY STANDARDS AND **HADG** FOR REQUIREMENTS.
8. CLEAR AREA OF SINK/VANITY MUST BE ACCESSIBLE
9. NOT USED
10. SHOWER HEAD
11. SHOWER DIVERTER VALVE
12. HAND SHOWER AND SIDE BAR. HAND-HELD SHOWER UNIT REQUIRED TO HAVE ON/OFF CONTROL WITH NON-POSITIVE SHUT OFF.
13. VANITY MIRROR AND LIGHT FIXTURE
14. GFCI OUTLET
15. ON/OFF - PRESSURE BALANCING VALVE
16. TRASH CAN
17. BULK AMENITY DISPENSER
18. SHOWER ENCLOSURE W/ TEMPERED GLASS DOOR
19. TOWEL HOLDER
20. NOT USED
21. TOILET
22. FLOOR DRAIN LOCATION – MAINTAIN ACCESSIBLE COMPLIANT SLOPES TO DRAIN
23. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
24. FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
25. SHOWER SURROUND -REFER TO EQUIPMENT SCHEDULE
26. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
27. DIMENSION SHOWN INDICATES FLOOR DEPRESSION REQUIRED TO ACCOMMODATE SHOWER UNIT. WHEN INSTALLED, SHOWER FLOOR TRANSITION SHALL MEET ACCESSIBILITY REQUIREMENTS- MAXIMUM TRANSITION 1/2" BEVELED, ROUNDED or VERTICAL.
28. DROPPED GYPSUM BOARD BULKHEAD @ ROUGH OPENING – WHERE PRE-MANUFACTURED SHOWER INSERT IS INDICATED MEASURE ROUGH OPENING FROM FACE OF GYPSUM BOARD
29. SOAP DISPENSERS

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN: ELEV:

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- VOICE OUTLET
- CCTV DEVICE
- ELECTRICAL SWITCH
- SMOKE DETECTOR
- FLOOR MOUNTED "J" BOX
- WALL MOUNTED "J" BOX
- SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- WALL MOUNTED WIRELESS THERMOSTAT
- FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME 2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
— ATLANTA - CHARLOTTE —
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS)" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

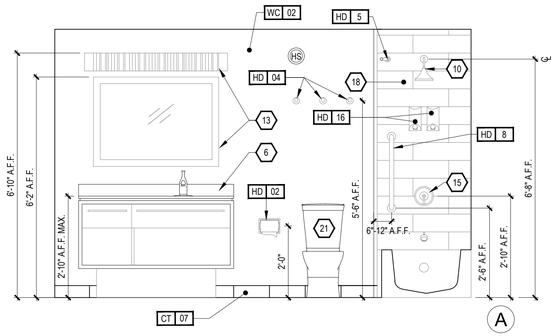
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ACCESSIBLE GUEST ROOMS-ENLARGED BATH PLANS & ELEVATIONS

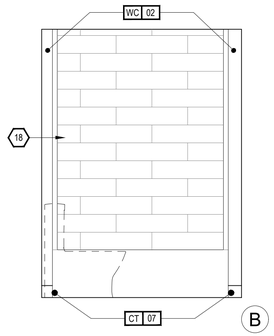
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A4.42a

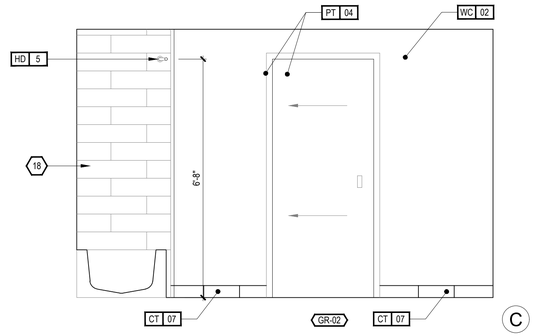


A



B

NOTE:
REFER TO SHEET A4.41 FOR TOILET ACCESSORIES LEGEND



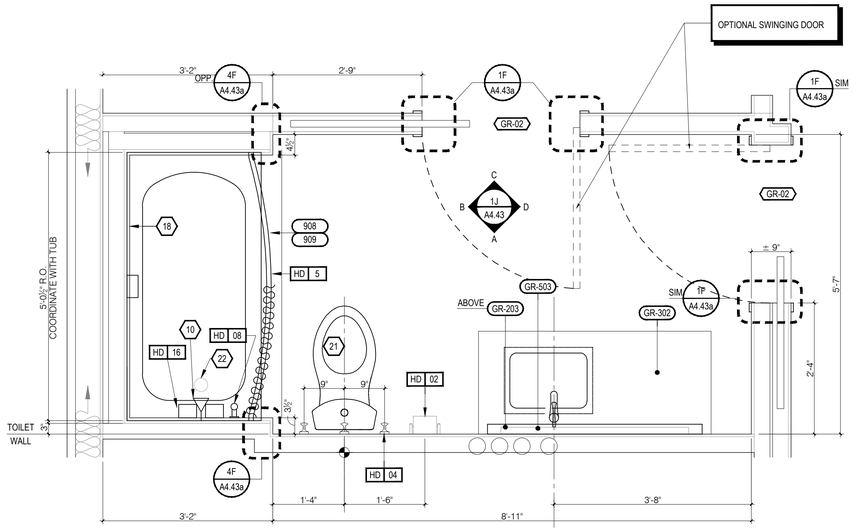
C

1J / A4.43 INTERIOR ELEVATION - QUEEN SUITE (ONE BEDROOM)

SCALE: 1/2"= 1'-0"

OPTIONAL BATHTUB DESIGN CONSTRAINTS - NEEDS BRAND APPROVAL AND INCREASE IN ROOM WIDTH

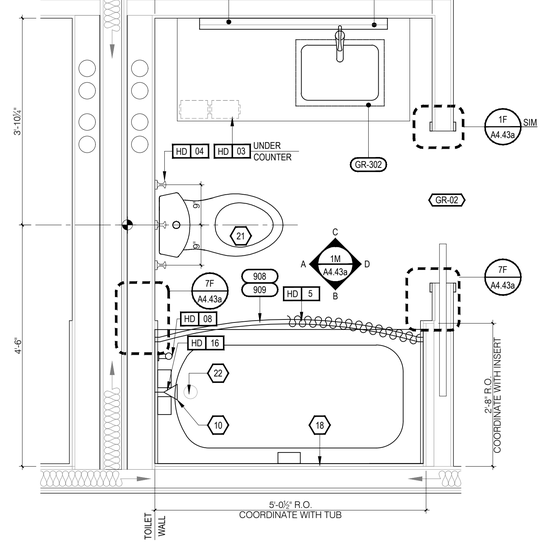
BATH WITH TUB



1A / o4.41 ENLARGED PLAN - OPTIONAL BATHTUB

SCALE: 3/4"= 1'-0"

QUEEN SUITE (ONE BEDROOM)



7A / o4.41 ENLARGED PLAN - OPTIONAL BATHTUB

SCALE: 3/4"= 1'-0"

STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

KEY NOTES:

1	WALL MOUNTED GRAB BARS
2	CURTAIN ROD
3	TUB / SHOWER SURROUND WITH ACCESSIBLE BENCH AND GRAB BARS
4	LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
5	TOILET PAPER HOLDER
6	VANITY UNIT – FOR REFERENCE ONLY REFER TO MEP
7	NOT USED
8	NOT USED
9	SHOWER ROD - PROVIDE REQUIRED BLOCKING
10	SHOWER HEAD
11	SHOWER DIVERTER VALVE
12	HAND SHOWER AND SIDE BAR
13	VANITY MIRROR AND LIGHT FIXTURE
14	GFCI OUTLET
15	PRESSURE BALANCING VALVE
16	TRASH CAN
17	BULK AMENITY DISPENSER
18	TUB SURROUND
19	TOWEL HOLDER
20	TOWEL HOOK
21	TOILET
22	FLOOR DRAIN
23	LEVER INDICATED ON THE SIDE OF TANK NEAREST THE MANEUVERABILITY CLEARANCE INDICATION, TYPICAL

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J	J	FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) 'UL' WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

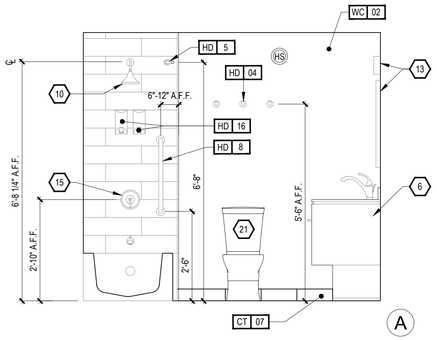
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

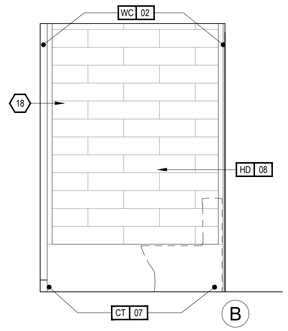
LAYOUT:
OPTIONAL BATHTUB - GUEST ROOMS

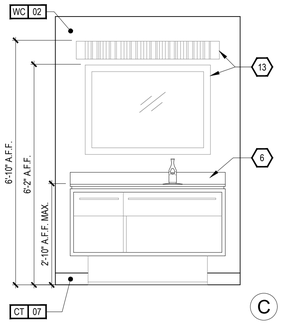
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A4.43





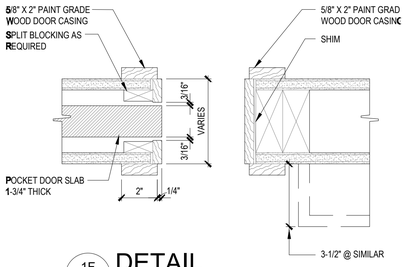


1M A4.43a INTERIOR ELEVATION - STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

SCALE: 1/2"= 1'-0"

OPTIONAL BATHTUB DESIGN CONSTRAINTS - NEEDS BRAND APPROVAL AND INCREASE IN ROOM WIDTH

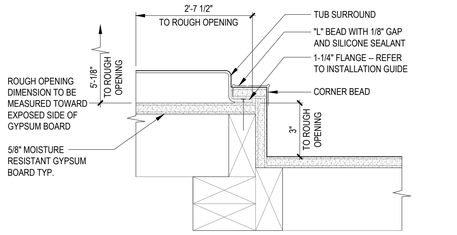
BATH



1F A4.43a DETAIL

SCALE: 3"= 1'-0"

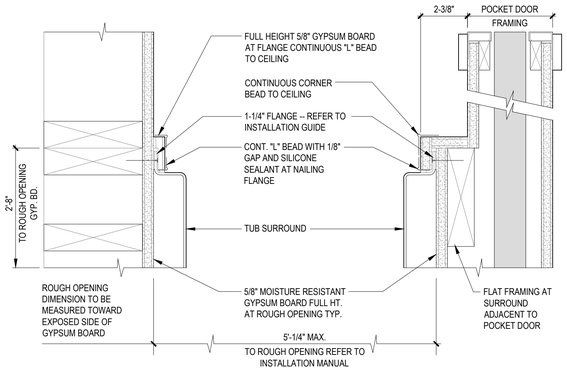
POCKET DOOR



4F A4.43a DETAIL - TUB SURROUND

SCALE: 3"= 1'-0"

QUEEN SUITE (ONE BEDROOM)



7F A4.43a DETAIL - TUB SURROUND

SCALE: 3"= 1'-0"

OPTIONAL BATHTUB DESIGN CONSTRAINTS - NEEDS BRAND APPROVAL AND INCREASE IN ROOM WIDTH

ALL STANDARD GUESTROOMS HAVE BEEN EFFICIENTLY DESIGNED WITH SHOWER UNITS.

THIS DRAWING IS INTENDED TO DESCRIBE THE METHOD TO DETERMINE THE OPPORTUNITY TO PROVIDE BATHTUB UNITS IN LIEU OF SHOWERS WITHIN GUESTROOMS FOR HOME2. THE REST OF THIS SHEET SHOWS HOW TO DETAIL AND INSTALL THE TUBS.

REFER TO PROTOTYPE ENGINEERING INTENT DIAGRAMS (SHEETS A12.01- A 12.03) REGARDING STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING SYSTEMS INFORMATION AS IT RELATES TO THE ARCHITECTURAL DESIGN. THESE SHEETS DEMONSTRATE ANY CRITICAL DESIGN RELATIONSHIPS THAT ENGINEERS AND ARCHITECTS SHOULD BE AWARE OF. FINAL LOCATIONS OF DUCTWORK AND ROOF LEADERS ARE DEPENDANT UPON PROJECT SPECIFICS, THEREFORE ROOM LOCATIONS AND QUANTITIES MAY VARY.

PROVIDING THE OPTIONAL BATHTUB/SHOWER SYSTEM WITH INTEGRAL SURROUND INTO A STANDARD STUDIO GUEST ROOM REQUIRES THE BATHROOM WIDTH TO BE INCREASED FROM 5'-0" TO 5'-2". THIS EXTRA 2" IS SPLIT BETWEEN THE PLUMBING CAVITY TO THE LEFT AND THE ENTRY FOYER TO THE RIGHT.

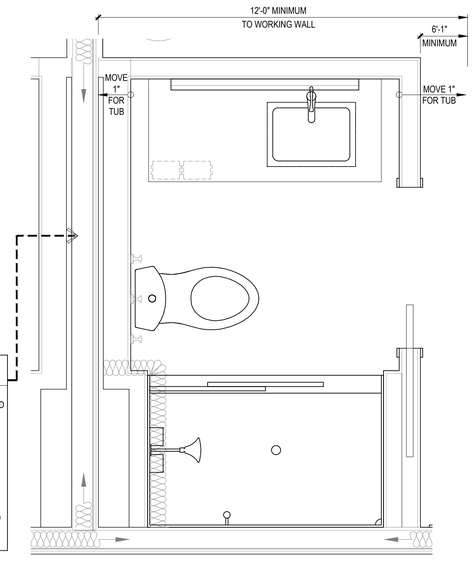
BATHTUB/SHOWER UNITS ARE REQUIRED TO HAVE AN APPROVED SUBSTRATE (IE MR GYPSUM BOARD) INSTALLED BEHIND THEM IN ORDER TO SEAL OFF ALL CAVITIES.

THE ISSUES DESCRIBED BELOW ARE THE ITEMS THAT LIMIT THE LOCATIONS OF TUB UNITS. THESE ITEMS MAY BE CIRCUMVENTED BY INCREASING THE OVERALL WIDTH OF THE GUESTROOM BUT MAY BE DONE SO ONLY WITH BRAND APPROVAL.

WOOD FRAMING CONST.

GUESTROOMS DESIRING THE OPTIONAL BATHTUB REQUIRE 5'-0 1/8" MINIMUM - 5'- 0 1/4" MAXIMUM ROUGH OPENING MEASURED FROM THE EXPOSED FACE OF GYPSUM BOARD (REFER TO DETAIL 7F/ A4.43a). IN ORDER TO FIT THIS WITHIN THE STANDARD STUDIO GUESTROOM, THE TOILET WALL IS SHIFTED 1" TOWARDS THE DEMISING WALL AND THE FRAMING OPPOSITE THE PLUMBING WALL IS SHIFTED 1" TOWARDS THE GUESTROOM ENTRY. THIS SUB-FRAMING IS NOW FLAT FRAMED 2X4 (REFER TO PLAN 7A/ A4.43).

THE CURRENT DESIGN IS BASED ON WOOD FRAME CONSTRUCTION WITH 2X6 STUD BEARING WALLS ON THE FIRST FLOOR AND 2X6 STUD BEARING WALLS ON UPPER FLOORS. IN THE CURRENT PLANS THE BATH TUB WON'T FIT AS THERE WILL BE NO SPACE LEFT FOR THE ADDITIONAL 1". IF THE BATHTUB IS PROPOSED FOR ANY OF THE GUEST ROOMS THE ROOM WIDTH MUST BE INCREASED AS REQUIRED PER THE DETAILS ON SHEET A4.43 & A4.43a. BRAND APPROVAL AND INCREASE IN ROOM WIDTH IS REQUIRED FOR BATHTUBS IN BATHROOMS



13A A4.43a ENLARGED PLAN - TYPICAL SHOWER

SCALE: 3/4"= 1'-0"

STUDIO, STUDIO CONNECTING ROOM, DOUBLE QUEEN SUITE, KING STUDIO

OPTIONAL BATHTUB DESIGN CONSTRAINTS - NEEDS BRAND APPROVAL AND INCREASE IN ROOM WIDTH

KEY NOTES:

1. WALL MOUNTED GRAB BARS
2. CURTAIN ROD
3. TUB / SHOWER SURROUND WITH ACCESSIBLE BENCH AND GRAB BARS
4. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
5. TOILET PAPER HOLDER
6. VANITY UNIT -- FOR REFERENCE ONLY REFER TO MEP
7. NOT USED
8. NOT USED
9. SHOWER ROD - PROVIDE REQUIRED BLOCKING
10. SHOWER HEAD
11. SHOWER DIVERTER VALVE
12. HAND SHOWER AND SIDE BAR
13. VANITY MIRROR AND LIGHT FIXTURE
14. GFCI OUTLET
15. PRESSURE BALANCING VALVE
16. TRASH CAN
17. BULK AMENITY DISPENSER
18. TUB SURROUND
19. TOWEL HOLDER
20. TOWEL HOOK
21. TOILET
22. FLOOR DRAIN
23. LEVER INDICATED ON THE SIDE OF TANK NEAREST THE MANEUVERABILITY CLEARANCE INDICATION, TYPICAL

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN: ELEV:

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- VOICE OUTLET
- CCTV DEVICE
- ELECTRICAL SWITCH
- SMOKE DETECTOR
- FLOOR MOUNTED "J" BOX
- WALL MOUNTED "J" BOX
- SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- WALL MOUNTED WIRELESS THERMOSTAT
- FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

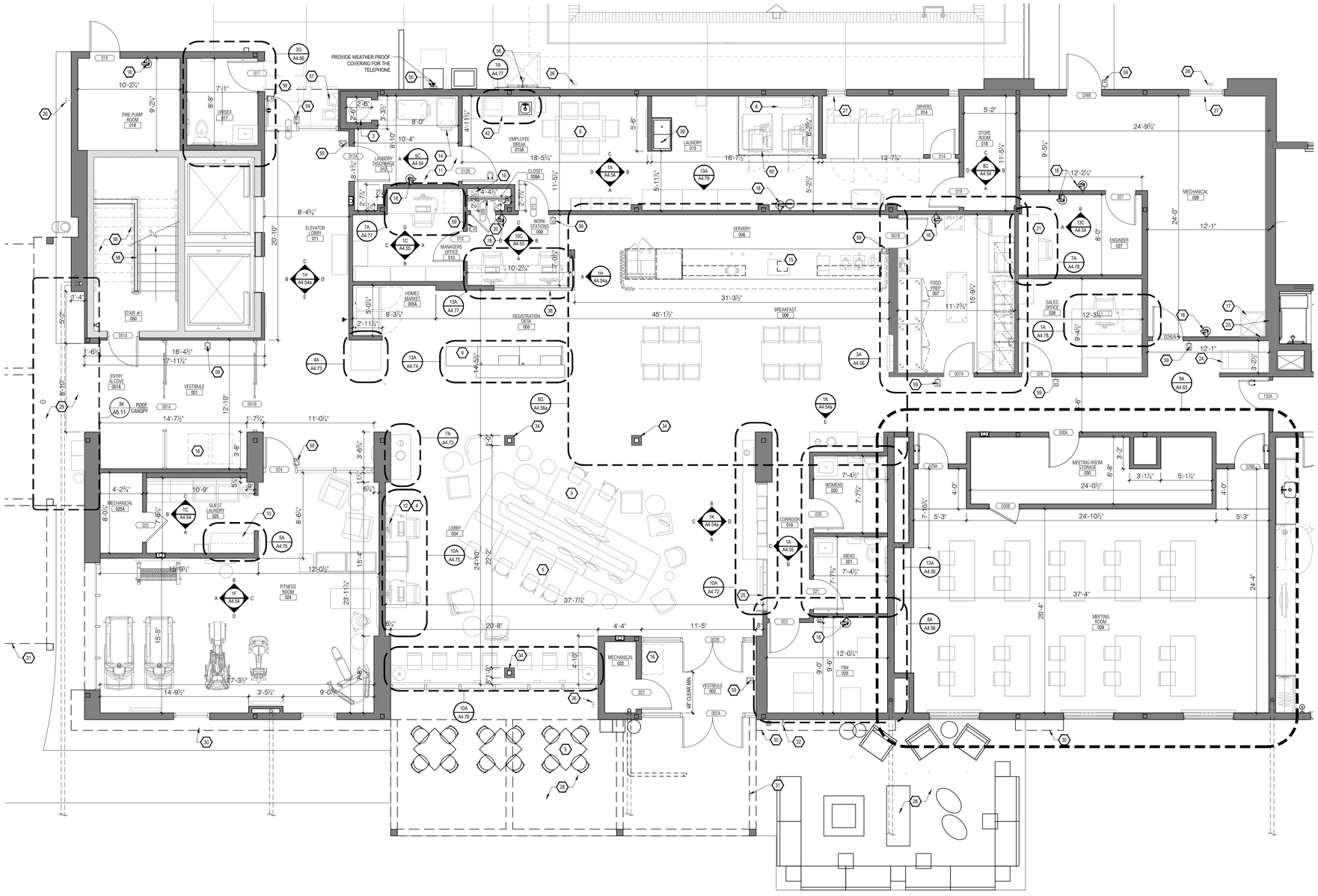
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
OPTIONAL BATHTUB - GUEST ROOMS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.43a



1 A4.50 ENLARGED FIRST FLOOR CONSTRUCTION PLAN - LOBBY

SCALE: 3/16" : 1'-0"

KEY NOTES:

1. WALL CENTERED ON COLUMN LINE
2. ALIGN THIS FACE OF WALL ON COLUMN LINE
3. LAUNDRY CHUTE LOCATION CONTAINED WITHIN 2-HOUR RATED SHAFT WITH RATED DOOR
4. ACCESSIBLE WORK STATION
5. ACCESSIBLE TABLE, REFER TO FF&E
6. NOT USED
7. ACCESSIBLE CONSOLE TABLE, REFER TO SHOP DRAWINGS
8. TRENCH DRAIN FOR WASHING MACHINES
9. REGISTRATION DESK WITH ACCESSIBLE APPROACH; REFER TO FF&E PACKAGE AND HADG FOR FURTHER INFORMATION
10. ACCESSIBLE WORK TABLE
11. LAUNDRY CHUTE TERMINATION ROOM
12. ACCESSIBLE POWER AND DATA INSTALLED AT WORK STATION, REFER TO CASE-GOODS
13. FLOOR DRAIN
14. LINEN CART STORAGE AREA
15. BREAKFAST COUNTER
16. LUGGAGE CART STORAGE
17. 36" x 36" MOP SINK LOCATION
18. FIRE EXTINGUISHER
19. SAFETY DEPOSIT BOX LOCATION
20. CLOSET ROD & SHELF
21. MAINTENANCE DESK
22. PROVIDE A HIGHLY VISIBLE EMERGENCY GAS SHUT-OFF BUTTON FOR THE FIRE PIT WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT, ETC.
23. FRP WAINSCOT 4'-0" HIGH ON ALL SIDES INDICATED. PROVIDE APPROPRIATE VINYL EDGE TREATMENT
24. ACCESSIBLE ICE MACHINE WITH REQUIRED ACCESSIBLE APPROACH AREA. PROVIDE FLOOR DRAIN CENTERED UNDER ICE MACHINE AND PROVIDE POSITIVE SLOPE TOWARDS DRAIN WITHOUT AFFECTING ACCESSIBLE REQUIREMENTS. INSULATE DRAIN PIPES. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND **HADG** FOR ADDITIONAL REQUIREMENTS FOR ICE MACHINE AREA
25. ENTERTAINMENT WALL
26. HOSE BIB
27. MECHANICAL LOUVER
28. OUTDOOR LOUNGE -- REFER TO A0.02
29. PASSENGER DROP OFF AREA -- REFER TO A0.02a
30. LINE OF BUILDING ABOVE
31. LINE OF CANOPY ABOVE
32. NOT USED
33. NOT USED
34. STEEL COLUMNS AND DECORATIVE WITH GYP. BD. FRAMING AROUND. PROVIDE FINISH PER IFI INDEX
35. NOT USED
36. NOT USED
37. PTAC
38. FIXED WINDOW UNIT ABOVE WORKSTATION- REFER TO INTERIOR ELEVATIONS
39. 2 - COMPARTMENT SINK
40. NOT USED
41. NOT USED
42. ACCESSIBLE BASE CABINET WITH SINK.
43. NOT USED
44. NOT USED
45. NOT USED
46. NOT USED
47. NOT USED
48. NOT USED
49. NOT USED
50. NOT USED
51. INCLUDES MATCHING 1MM PVC EDGE BANDING
52. P-LAM COUNTER AND BACKSPLASH
53. NOT USED
54. 24" x 24" MOP SINK LOCATION
55. EMERGENCY TELEPHONE
56. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE BACKING AT THIS LOCATION
57. HI-LO DRINKING FOUNTAIN
58. PAINT UNDERSIDE OF STAIR TO MATCH STAIR RAILING
59. KEYCARD READER ENTRANCE HARDWARE; MOUNTED SO THAT TOP OF READER IS A MAXIMUM OF 48" ABOVE GRADE.
60. RAISED PLATFORM AT LAUNDRY EQUIPMENT. SEE DETAILS

NOTE:
REFER TO SHT. A4.52 FOR EQUIPMENT AND FURNITURE DESIGNATIONS, EQUIPMENT SHOWN ON PLANS IS FOR REFERENCE ONLY

SYMBOL / FIXTURE KEY

DESIGNATED REQUIRED CLEAR FLOOR SPACE PER ACCESSIBILITY REQUIREMENTS. SEE DETAIL ON SHEET A10.01 IN REFERENCE TO APPROACH CLEARANCES. VERIFY REQUIRED CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT AND AREAS. REFER TO HADG FOR FURTHER INFORMATION. .

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE
4. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS
6. REFER TO STANDARDS FOR FIXTURE AND EQUIPMENT SCHEDULES

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757; F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

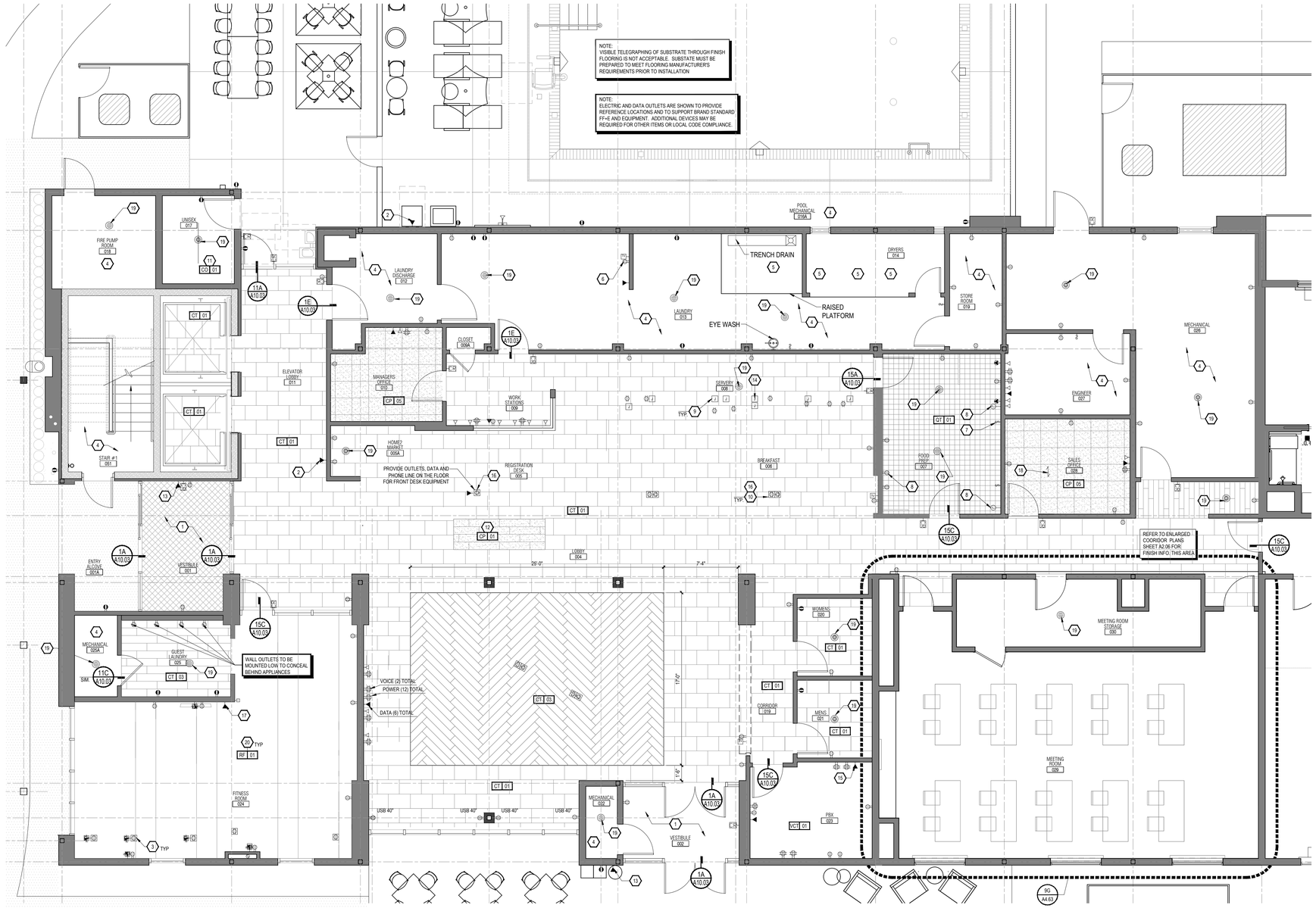
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR CONSTRUCTION PLAN - LOBBY

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.50



1 A4.50 ENLARGED FIRST FLOOR FINISH AND POWER PLAN - LOBBY

SCALE: 3/16" : 1'-0"

KEY NOTES:

1. RECESSED GRILL MAT (BASIS OF DESIGN)
   - MANUFACTURER - AMERICAN FLOOR MATS
   - STYLE - 7/16" RECESSED GRILLE MAT
2. HOUSE PHONE LOCATION
3. FLUSH MOUNTED FLOOR OUTLET BOX WITH BRUSHED ALUMINUM COVER PLATE. COORDINATE LOCATION WITH FITNESS EQUIPMENT
4. SEALED CONCRETE
5. COORDINATE LAUNDRY EQUIPMENT POWER WITH SUPPLIERS SHOP DRAWINGS PRIOR TO ROUGH IN.
6. COORDINATE OUTLET LOCATION WITH MEDIA MOUNT. - REFER TO ELEVATIONS
7. SWITCH CONTROLLING GARBAGE DISPOSAL
8. DEDICATED CIRCUIT
9. RECESSED J-BOX ROUTED FROM FLOOR THROUGH MILLWORK -COORDINATE WITH MILLWORK
10. COORDINATE ELECTRICAL WITH FURNITURE PLACEMENT FLUSH MOUNTED FLOOR OUTLET BOX WITH BRUSHED ALUMINUM COVER PLATE
11. SMOOTH AGGREGATE CONCRETE DECK--REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL AND STYLE GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS
    CO 01
12. COORDINATE INSET CARPET WITH MILLWORK PLACEMENT
13. CARD READER AND INTERCOM OR HOUSE PHONE (VIDEO MONITORING OPTIONAL)
14. PROVIDE DEDICATED 208V 3 PHASE CIRCUIT FOR TOASTER OVEN
15. LOCATION OF TELEPHONE BACKBOARD. PROVIDE LOCATION FOR TELEPHONE COMPANY ENTRANCE FACILITIES. COORDINATE W/ LOCAL SERVICE PROVIDER.
16. HARDWIRED DATA OUTLETS ARE OPTIONAL IN PUBLIC SPACES - WIRELESS INTERNET IS REQUIRED
17. EMERGENCY BUTTON OR TELEPHONE LOCATION
18. INDICATES DIRECTION OF CARPET PATTERN
19. FLOOR DRAIN WITH TRAP PRIMER IN DISHED RECESS
20. REFER TO HOME2 SPIN2CYCLE FITNESS CENTER MANUAL FOR FLOORING SPECIFICATION

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
S	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN	ELEV.	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WIIN THE PUBLIC SPACE SHALL BE CONTAINED WIN FULLY RECESSED CABINETS.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL DEVICES TO BE MOUNTED@ 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT SCHEDULES.
7. AT HORIZONTAL CHANGES IN SURFACE MATERIALS - 1/4" MAX VERTICAL CHANGE, 1/2" MAX VERTICAL CHANGE IF SLOPED @ 1:2 (ACCESSIBLE COMPLIANT).

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

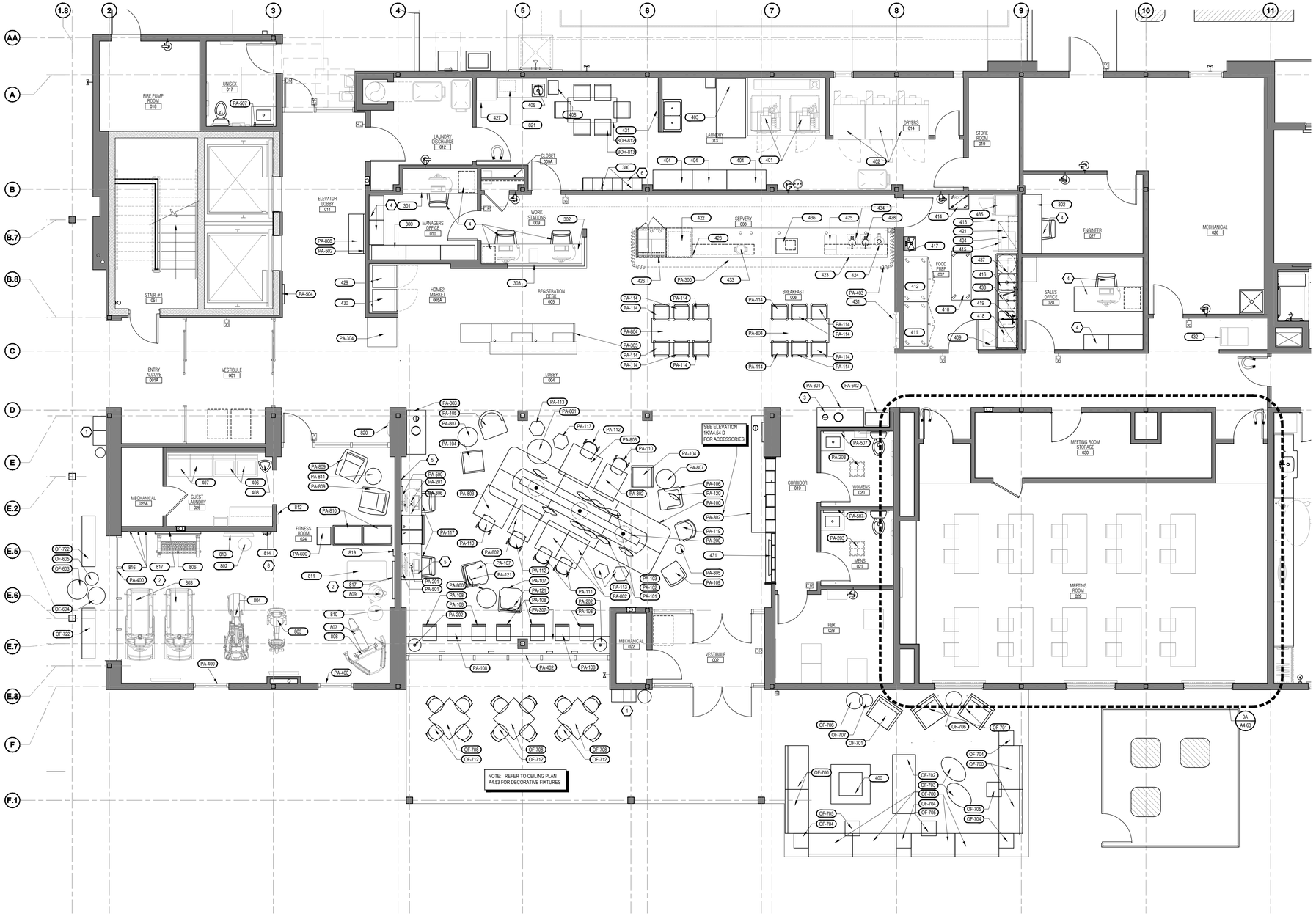
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR FINISH AND POWER PLAN - LOBBY

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A4.51



1 A4.52 ENLARGED FIRST FLOOR FURNITURE PLAN - LOBBY

SCALE: 3/16" : 1'-0"

KEY NOTES:

1. TRASH CAN, RECYCLING BIN, & ASH BIN
2. GENERAL CONTRACTOR TO PROVIDE PLATE MIRROR FOR RECEIPT OF DECORATIVE FRAME (REFER TO HOME 2 FITNESS GUIDE FOR ADDITIONAL INFO.)
3. THIS UNIT CONTAINS A DISH RECOVERY CART & (2) TRASH CANS. THESE ITEMS MUST COORDINATE W/ MILLWORK VENDOR
4. OFFICE FURNITURE BY OWNER AS REQ'D.
5. PROVIDE ACCESSIBLE POWER & DATA AT EACH WORKSTATION
6. EMPLOYEE LOCKERS SHALL COMPLY W/ ACCESSIBILITY STANDARDS FOR PERCENTAGE OF ACCESSIBLE STORAGE - REFER TO **HADG** FOR REQ'S.
7. NOT USED
8. AN EMERGENCY TELEPHONE MUST BE PROVIDED. MOUNT W/IN ACCESSIBLE REACH RANGE. PHONE MUST BE EQUIPPED W/ VOLUME CONTROL & A MIN. 28" LONG CORD. AN ACCESSIBLE ROUTE MUST BE PROVIDED TO THE EMERGENCY HOUSE PHONE W/ A CLEAR FLOOR SPACE @ THE PHONE.

XXX FURNISHINGS LEGEND:

PA-100	BANQUETTE	300	SHELVING
PA-101-03	PILLOW	301	OFFICE FURNITURE
PA-104-06	LOUNGE CHAIR	302	WORK STATION
PA-107	PILLOW	303	SAFE
PA-108	COUNTER STOOL	304	LOCKER
PA-109	LOUNGE CHAIR	400	FIRE PIT WITH FITTED SCREEN
PA-110-12	DINING CHAIR	401	COMMERCIAL WASHER
PA -113	OTTOMAN	402	COMMERCIAL DRYER
PA-114-16	COUNTER STOOL	403	WORK CENTER
PA-117	TASK CHAIR	404	WALL SHELVING
PA-118	BENCH	405	BREAKROOM SINK
PA-119	WOOD ARM CHAIR	406	COIN OPERATED WASHER
PA-120-21	PILLOW	407	COIN OPERATED DRYER
PA-200	PENDANT	408	DECORATIVE TRASH CAN
PA-201	SMALL PENDANT	409	DISHWASHER
PA-202	TABLE LAMP	410	MOBILE TABLE
PA-203	CEILING LIGHT	411	REACH-IN COOLER
PA-204	WALL SCONCE	412	REACH-IN FREEZER
PA-205	FLOOR LAMP	413	WORK STATION
PA-300	BREAKFAST SERVING COUNTER	414	MOBILE SHELVING
PA-301	BUSSING STATION	415	COFFEE MACHINE
PA-302	MEDIA WALL & COFFEE BAR	416	3-COMPARTMENT SINK
PA-303	DISH RECOVERY	417	HAND SINK
PA-304	HOME 2 MARKET	418	RACK/SHELF
PA-305	FRONT DESK	419	PRE-RINSE WITH FAUCET
PA-306	BUSINESS CENTER	420	WATER FILTER
PA-307	WINDOW PERCH	421	WALL MOUNTED SHELVING
PA-308	PERCH	422	UNDER COUNTER REFRIGERATOR
PA-309-10	SERVING COUNTER BOARD ROOM & MEETING ROOM	423	UPPER CABINETS
PA-400-02	ROLLER SHADE	424	BATTERMIX STARTER KIT
PA-403	DRAPERY PANELS	425	CONVEYOR OVEN
PA-404	ROMAN SHADE	426	JUICE DISPENSER
PA-405	ROLLER SHADE	427	REFRIGERATOR
PA-500-06	ARTWORK	428	WAFFLE IRON
PA-507	MIRROR	429	MERCHANDISER REFRIGERATOR
PA-600	TOWEL HAMPER	430	MERCHANDISER FREEZER
PA-602	UTILITY CART	431	WALL MOUNTED TELEVISION
OF-603-05	PLANTER	432	ICE DISPENSER
OF-700	BENCH	433	WARMING KETTLE
OF-701	LOUNGE CHAIR	434	WAFFLE IRON - FUTURE
OF-702	BENCH	435	CONVECTION OVEN
OF-703	OTTOMAN	436	WARMING DISPLAY CABINET
OF-704	CUBE TABLE	800	TOWEL HAMPER
OF-705	C-TABLE	801	WATER & CUP DISPENSER
OF-706	SIDE TABLE	802	GYM WIPES DISPENSER
OF-707	SIDE TABLE	803	TREADMILL
OF-708	4-TOP TABLE	804	FITNESS TRAINER ELLIPTICAL
OF-712	DINING CHAIR	805	RECUMBENT CYCLE
OF-722	ENTRY BENCH	806	FREE WEIGHTS & RACK
PA-800-01	ROUND TABLE	807	WEIGHT BENCH
PA-802	RECTANGULAR TABLE	808	STRENGTH SYSTEM
PA-803	HALF ROUND TABLE	809	MEDICINE BALLS & RACK
PA-804	BREAKFAST TABLE	810	EXERCISE BALL
PA-805	LOG SIDE TABLE	811	EXERCISE MAT
PA-806-07	SIDE TABLE	812	RULES SIGN
PA-808	CONSOLE TABLE	813	WALL MOUNTED TELEVISION
PA-809	ADIRONDACK CHAIR	814	EMERGENCY TELEPHONE
PA-810	TOWEL AND FOLDING STATION	816	TOWEL HOOK
PA-811	SIDE TABLE	817	WALL MOUNTED MIRROR
BOH-812	BREAKROOM TABLE	819	WALL MOUNTED CLOCK
BOH-813	BREAKROOM CHAIR	820	HYDRATION STATION
		821	MICROWAVE

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE: REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	HS	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS		FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. FIRE EXTINGUISHERS, SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS W/IN THE PUBLIC SPACE SHALL BE CONTAINED W/IN FULLY RECESSED CABINETS.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL DEVICES TO BE MOUNTED @ 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. REFER TO STANDARDS FOR FIXTURE & EQUIPMENT SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757; F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

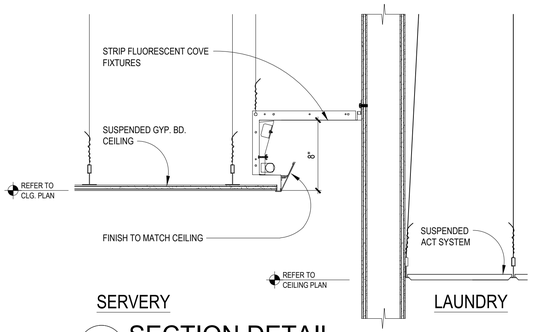
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR FURNITURE AND EQUIPMENT PLAN - LOBBY

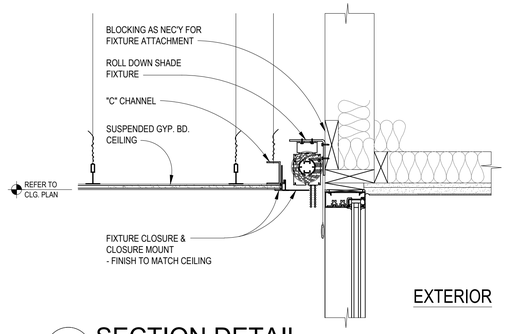
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.52



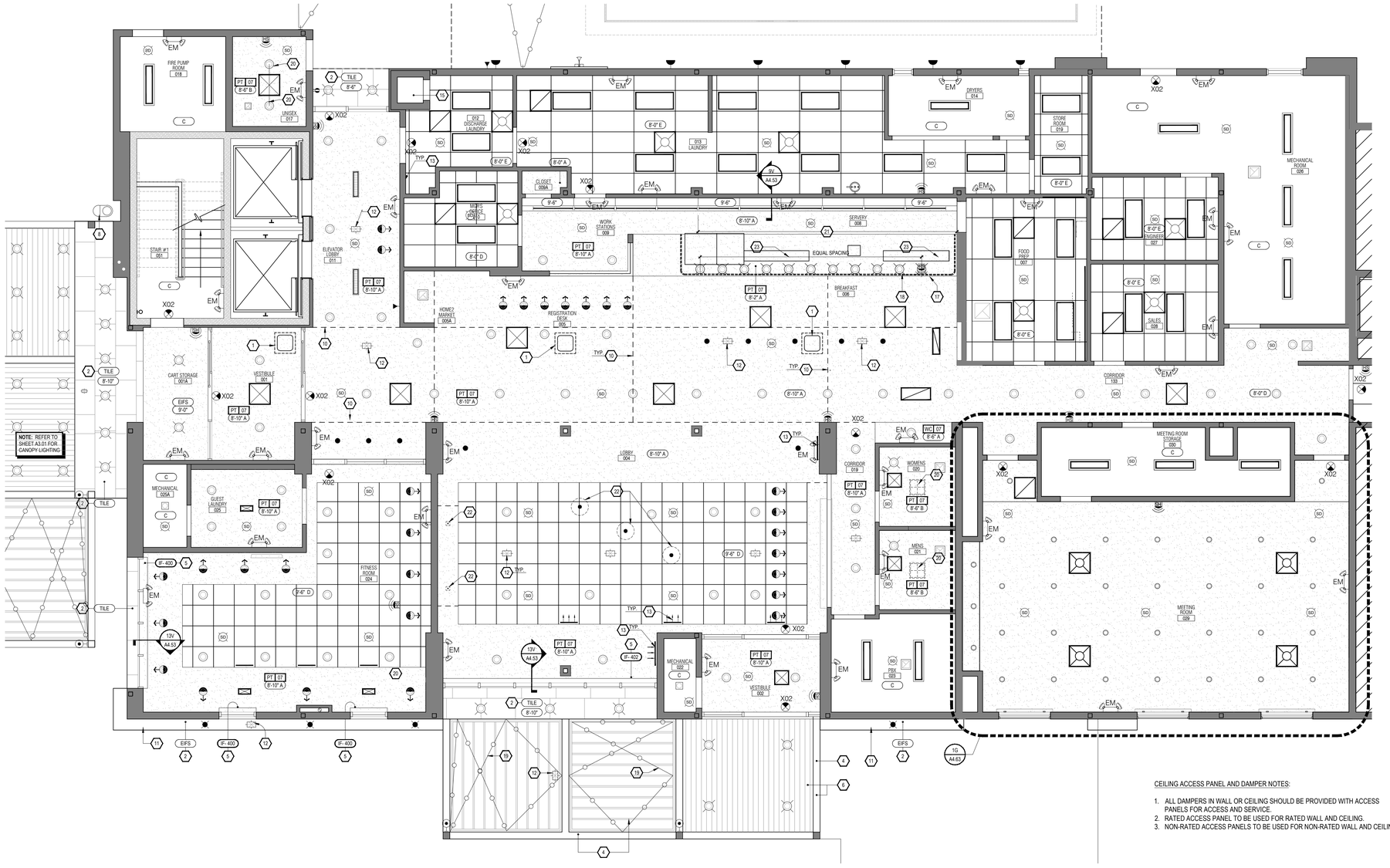
9V / A4.53 **SECTION DETAIL**

SCALE: 1 1/2"=1'-0" — GYP. BD. CEILING LIGHT COVE



13V / A4.53 **SECTION DETAIL**

SCALE: 1 1/2"=1'-0" — GYP. BD. CEILING ROLL DOWN SHADE POCKET



1A / A4.53 **ENLARGED FIRST FLOOR CEILING PLAN - LOBBY**

SCALE: 3/16" : 1'-0"

CEILING ACCESS PANEL AND DAMPER NOTES:

1. ALL DAMPERS IN WALL OR CEILING SHOULD BE PROVIDED WITH ACCESS PANELS FOR ACCESS AND SERVICE.
2. RATED ACCESS PANEL TO BE USED FOR RATED WALL AND CEILING.
3. NON-RATED ACCESS PANELS TO BE USED FOR NON-RATED WALL AND CEILING.

KEY NOTES:

1. FLUSH ACCESS PANEL W/ DROP IN DOOR – MFR: ISC STYLEMARK Mo.# CAP-1818 – TEXTURE & PAINT TO MATCH ADJ. CEILING
2. EXTERIOR MATERIAL – REFER TO ELEVATIONS FINISH KEY
3. EXPOSED STAINED WOOD CEILING STRUCTURE OVER POOL – GLULAM BEAMS WITH T&G DECKING
4. PRIMED AND PAINTED TUBE STEEL OPEN CANOPY AREA WITH STAINED WOOD TRELLIS INFILL – SYSTEM TO BE UPLIGHTED BY SCONCES ON TUBE STEEL STRUCTURE WITH SUPPLY POWER RUN IN CONCEALED CONDUIT
5. CONCEALED ROLL DOWN SHADE WITH FLUSH CLOSURE TO SPAN ENTIRE WIDTH OF WINDOW OR STOREFRONT OPNG – EXPOSED FACES OF CLOSURE & CLOSURE MOUNT PAINTED TO MATCH ADJ. CLG.
6. PRIMED AND PAINTED TUBE STEEL COVERED SECTION OF CANOPY WITH FIBER CEMENT BOARD FINISH ON THE UNDERSIDE - REFER TO SECTIONS
7. EXPOSED ROUND STAINLESS STEEL DUCTWORK
8. VERTICAL THROW UPLIGHT @ STAIR TOWER "CHIMNEY SLOT" – REFER TO EXTERIOR ELEVATIONS & FIXTURE LEGEND
9. PROVIDE CONT. VAPOR BARRIER BEHIND POOL CEILING FINISHES
10. GYP BD. 'VEE' REVEAL
11. LINE OF EXTENDED FLOOR BEYOND
12. SPEAKER – FLUSH MOUNTED AT INTERIOR – SURFACE MOUNTED AT EXTERIOR – MOUNT TO SIDE OF WOOD TRELLIS MEMBERS WHERE SHOWN AT OPEN CANOPIES
13. WALL DIFFUSER OR RETURN GRILLE – REFER TO ELEVATIONS
14. NOT USED
15. LAUNDRY CHUTE – SHAFT OPEN TO VENT AT ROOF
16. CEILING MOUNTED DRAPERY ROD – PROVIDE BLOCKING AS REQ'D.
17. HEAVY DUTY CONCEALED DRAPERY TRACK AT BREAKFAST SERVING COUNTER CEILING – PROVIDE BLOCKING AS REQ'D.
18. LIGHTS ABOVE BREAKFAST SERVING COUNTER ARE INTEGRATED AROUND FULL HGT. BREAKFAST MILLWORK COORDINATE – REFER TO ELEVATIONS SWITCH THESE LIGHTS SEPARATELY
19. EXTERIOR LIGHT STRING – REFER TO ELEVATIONS FOR BLOCKING REQUIREMENTS FOR LIGHTING SYSTEM MOUNTING HARDWARE – REFER TO FIXTURE LEGEND
20. PROVIDE MOTION DETECTOR FOR LIGHTING IN THIS SPACE
21. SWITCH THESE LIGHTS SEPARATELY
22. PENDANT FIXTURES
23. WALL CABINETS – PROVIDE BLOCKING AT SOFFIT AS REQUIRED

CEILING LEGEND:

CEILING HEIGHT / CEILING FINISH (e.g. 8'-6" C)

- A. PRIMED & PAINTED GYPSUM BOARD
- B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
- C. OPEN TO UNDERSIDE OF FLOOR SYSTEM / ROOF SYSTEM ABOVE – PAINT ALL ELEMENTS – ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GEN. REFERENCE ONLY – REFER TO SECTIONS
- D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
- E. 2X4 LAY-IN CLG. GRID SYSTEM SUSPENDED FROM STRUCT. – INFILLED W/ 1/2" VINYL FACED GYPSUM BOARD PANELS
- F. UNDERSIDE OF FLOOR / ROOF SYSTEM – PRIMED & PAINTED TO RECEIVE FINAL FINISH

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- DECORATIVE WALL SCONCE – REFER TO FF&E PACKAGE
- DECORATIVE ROUND SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- DECORATIVE SQUARE SURFACE MOUNT LIGHT FIXTURE– REFER TO FF&E PACKAGE
- DECORATIVE SUSPENDED LIGHT FIXTURE – REFER TO FF&E PACKAGE
- (R-1): RECESSED DOWNLIGHT
- (R-2): RECESSED WALL WASH
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) –UL WET LABELED
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-6): SURFACE MOUNTED FIXTURE
- (R-7): EXT. RECESSED DOWNLIGHT WALL WASHER- (UL WET LABEL)
- (T-1): 2X2 LAY-IN FLUORESCENT FIXTURE
- (T-2): 2X4 LAY-IN FLUOR. FIXTURE
- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (C-1): RECESSED FLUORESCENT COVE FIXTURE - 4FT
- (W-1): WALL MOUNTED STRIP LIGHT - 4FT
- (S-1): WALL SCONCE @ POOL AREA (UL WET LABEL)
- (S-2): WALL SCONCE @ REAR ENTRY (UL WET LABEL)
- (S-3): EXTERIOR SCONCE (UPLIGHT)
- (S-5): EXTERIOR FLOODLIGHT
- (G-1): EXTERIOR HEAVY DUTY LIGHT STRING
- SPEAKER
- MECHANICAL EXHAUST GRILLE
- 2X2 MECHANICAL RETURN GRILLE
- 2X2 MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY GRILLE
- MECHANICAL RETURN GRILLE
- SMOKE DETECTOR
- SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- "VEE" CONTROL JOINT
- (P-3) IN-GROUND UPLIGHT
- FIRE HORN/STROBE

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS, RATED WHERE REQUIRED.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. CENTER LINE OF WALL DEVICES TO BE MOUNTED AT 15" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. SPRINKLER HEADS ARE SHOWN FOR DESIGN INTENT & REFERENCE ONLY. LOCAL DESIGNER/ENGINEER WILL NEED TO MODIFY ACCORDINGLY. SPRINKLER HEADS IN CEILINGS IN PUBLIC AREAS TO BE CONCEALED. ALL OTHER HEADS TO BE SEMI-RECESSED.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

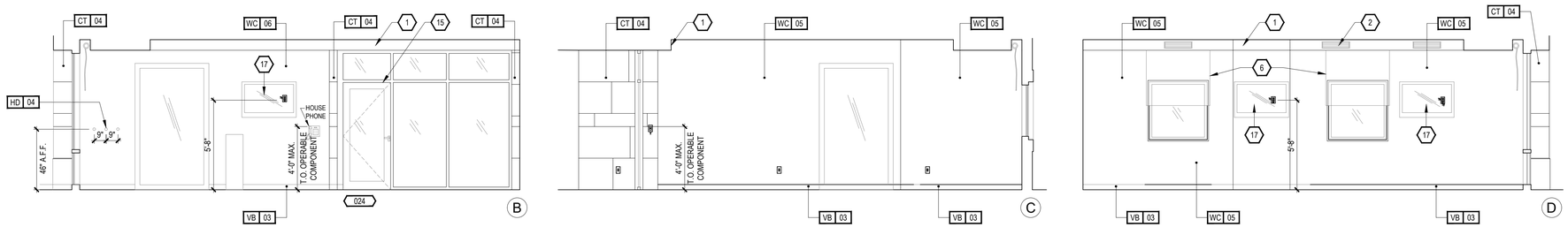
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR CEILING PLAN - LOBBY

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

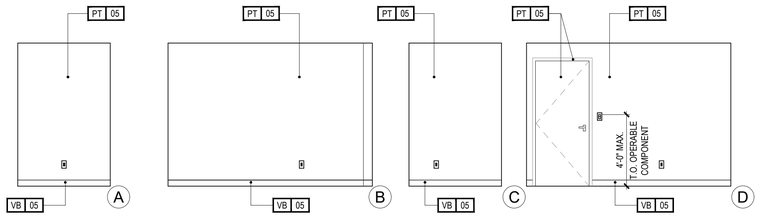
SHEET NUMBER:
A4.53



1F / A4.54 INTERIOR ELEVATION - FITNESS

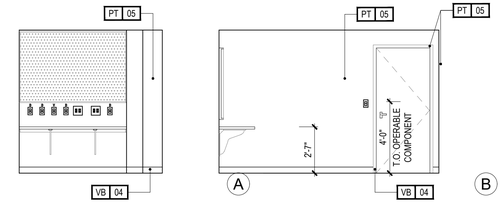
SCALE: 1/4" = 1'-0"

FIRST FLOOR



8C / A4.54 INTERIOR ELEVATION - STORE ROOM

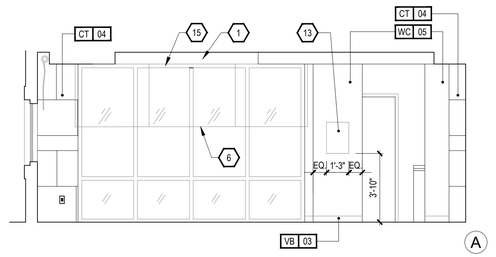
SCALE: 1/4" = 1'-0"



13C / A4.54 INTERIOR ELEVATION - ENG. OFFICE

SCALE: 1/4" = 1'-0"

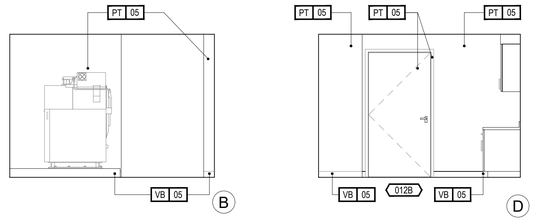
NOTE:
REFER TO ENLARGED FURNITURE PLAN FOR FF&E ITEMS ON THIS SHEET
REFER TO SHEET A4.41 FOR ACCESSORIES NOTED IN ELEVATIONS



1F / A4.54 INTERIOR ELEVATION - FITNESS

SCALE: 1/4" = 1'-0"

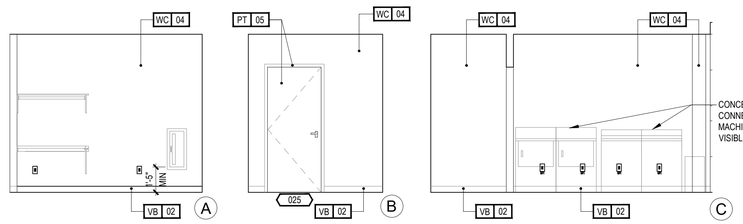
FIRST FLOOR



1A / A4.54 INTERIOR ELEVATION - LAUNDRY

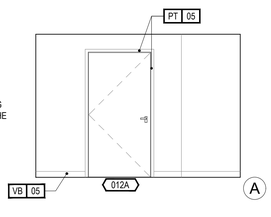
SCALE: 1/4" = 1'-0"

FIRST FLOOR



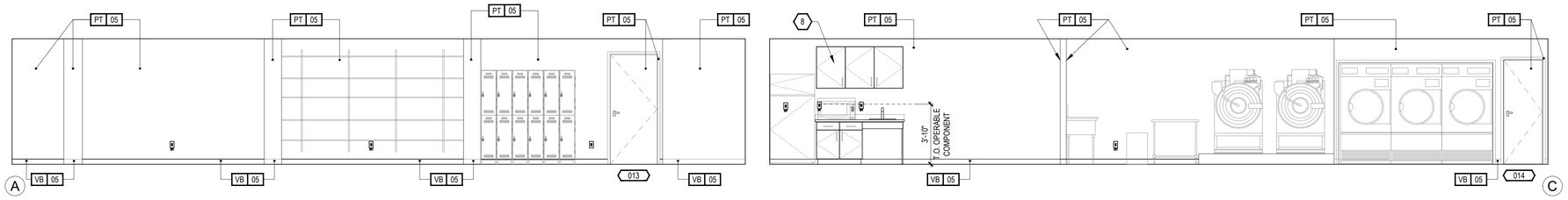
1C / A4.54 INTERIOR ELEVATION - GUEST LAUNDRY

SCALE: 1/4" = 1'-0"



5C / A4.54 LAUNDRY ELEVATION

SCALE: 1/4" = 1'-0"



1A / A4.54 INTERIOR ELEVATION - LAUNDRY

SCALE: 1/4" = 1'-0"

FIRST FLOOR

KEY NOTES:

1. GYPSUM BOARD SOFFIT FASCIA- REFER To CEILING PLANS
2. HVAC SUPPLY AIR DIFFUSER- CENTER IN FASCIA/ BULKHEAD - PAINT TO MATCH WALL
3. HVAC RETURN AIR DIFFUSER, PAINT TO MATCH WALL
4. "SIGHTS & SOUNDS WALL" - REFER TO PUBLIC SPACE FF&E SPECIFICATIONS
5. OPTIONAL ATM LOCATION
6. ROLLER SHADE -REFER TO FF&E
7. PREPARE & PRIME WALL - REFER TO HOME 2 FOR GRAPHIC INSTALLATION
8. EMPLOYEE BREAK AREA - REFER TO FF&E SPECIFICATIONS
9. WALL ART - REFER TO FF&E SPECIFICATION - CENTER ART AS REQUIRED
10. HOME 2 GUARANTEE SIGN LOCATION
11. BUSINESS CENTER - REFER TO FF&E SPECIFICATIONS
12. BREAKFAST COUNTER - REFER TO FF&E SPECIFICATIONS
13. PROVIDE BLOCKING AS REQUIRED
14. ELEVATOR AND SURROUND –FINISH TO BE BRUSHED STAINLESS STEEL
15. STOREFRONT DOORS AND FRAMES TO MATCH EXTERIOR COLOR AND FINISH
16. ACCESSIBLE POWER AND DATA INSTALLED AT EACH BUSINESS CENTER WORK STATION.
17. WALL MOUNTED TELEVISION
18. ALL SELF SERVICE DISPENSERS AND OTHER AMENITIES MUST BE LOCATED WITHIN 48" AFF REACH HEIGHT. IF ITEMS ARE DEEPER THAN 10" FROM THE FRONT OF THE BASE CABINET, PROVIDE DISPENSERS AT 46" MAX AFF.

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCKRADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING
VW	VINYL WALL

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

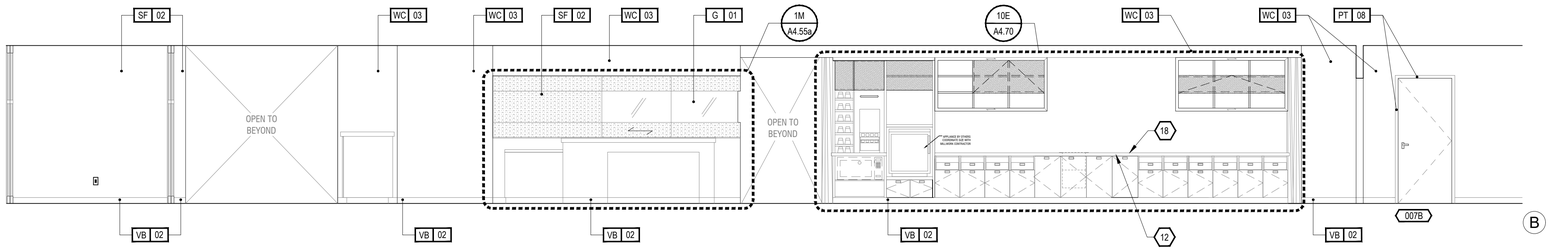
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

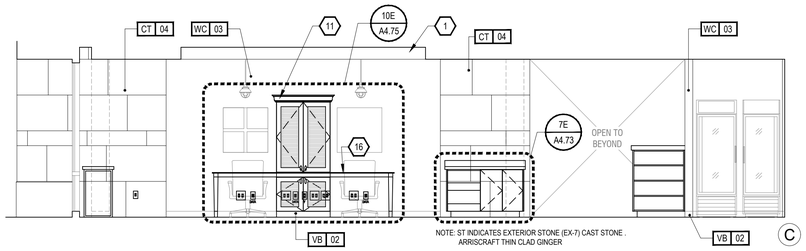
LAYOUT:
INTERIOR ELEVATION - LOBBY

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

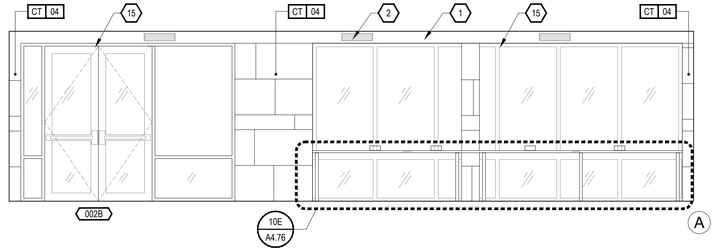
SHEET NUMBER:

A4.54





NOTE: ST INDICATES EXTERIOR STONE (EX-7) CAST STONE . ARRISCRAFT THIN CLAD GINGER

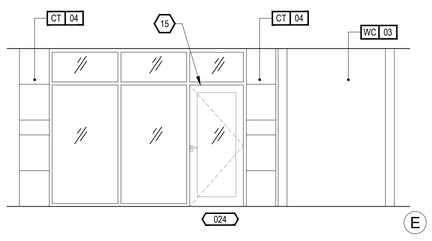


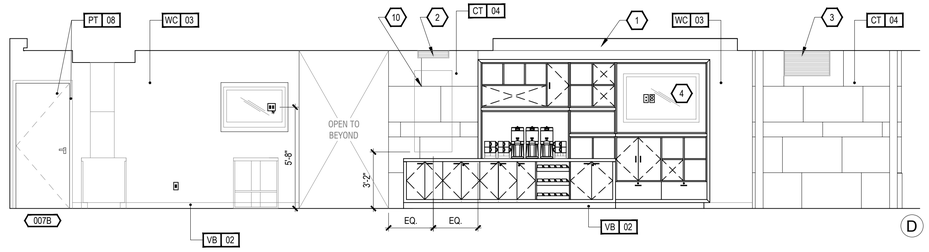
1K A4.54a

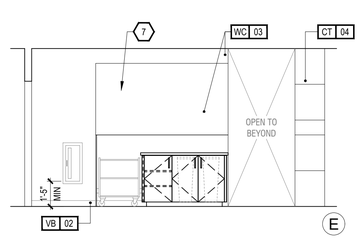
INTERIOR ELEVATION - LOBBY

SCALE: 1/4" = 1'-0"

FIRST FLOOR







1H A4.54a

INT. ELE. - LOBBY AND ELEV. LOBBY

SCALE: 1/4" = 1'-0"

FIRST FLOOR

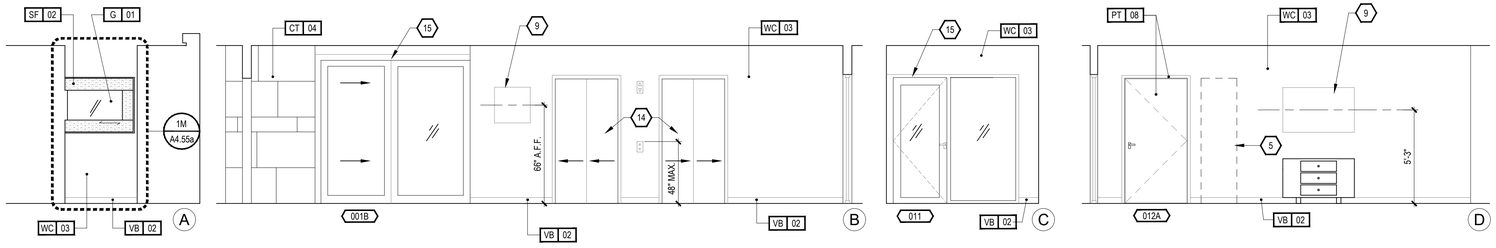
1K A4.54a

INTERIOR ELEVATION - LOBBY

SCALE: 1/4" = 1'-0"

FIRST FLOOR

NOTE:
REFER TO ENLARGED FURNITURE PLAN FOR FF&E ITEMS ON THIS SHEET
REFER TO SHEET A4.41 FOR ACCESSORIES NOTED IN ELEVATIONS



1H A4.54a

INT. ELE. - LOBBY AND ELEVATOR LOBBY

SCALE: 1/4" = 1'-0"

FIRST FLOOR

KEY NOTES:

1. GYPSUM BOARD SOFFIT FASCIA- REFER To CEILING PLANS
2. HVAC SUPPLY AIR DIFFUSER- CENTER IN FASCIA/ BULKHEAD - PAINT TO MATCH WALL
3. HVAC RETURN AIR DIFFUSER, PAINT TO MATCH WALL
4. "SIGHTS & SOUNDS WALL" - REFER TO PUBLIC SPACE FF&E SPECIFICATIONS
5. OPTIONAL ATM LOCATION
6. ROLLER SHADE -REFER TO FF&E
7. PREPARE & PRIME WALL - REFER TO HOME 2 FOR GRAPHIC INSTALLATION
8. EMPLOYEE BREAK AREA - REFER TO FF&E SPECIFICATIONS
9. WALL ART - REFER TO FF&E SPECIFICATION - CENTER ART AS REQUIRED
10. HOME 2 GUARANTEE SIGN LOCATION
11. BUSINESS CENTER - REFER TO FF&E SPECIFICATIONS
12. BREAKFAST COUNTER - REFER TO FF&E SPECIFICATIONS
13. PROVIDE BLOCKING AS REQUIRED
14. ELEVATOR AND SURROUND –FINISH TO BE BRUSHED STAINLESS STEEL
15. STOREFRONT DOORS AND FRAMES TO MATCH EXTERIOR COLOR AND FINISH
16. ACCESSIBLE POWER AND DATA INSTALLED AT EACH BUSINESS CENTER WORK STATION.
17. WALL MOUNTED TELEVISION
18. ALL SELF SERVICE DISPENSERS AND OTHER AMENITIES MUST BE LOCATED WITHIN 48" AFF REACH HEIGHT. IF ITEMS ARE DEEPER THAN 10" FROM THE FRONT OF THE BASE CABINET, PROVIDE DISPENSERS AT 46" MAX AFF.

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCKRADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING
VW	VINYL WALL

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		CAT6 & COAX OUTLET FOR TV
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
		FLOOR MOUNTED "J" BOX
		WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE-INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE HADG FOR FURTHER REQUIREMENTS.
6. ALL CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE HADG
7. REFER TO SHEET A4.41 "TOILET ACCESSORIES LEGEND" FOR ADDITIONAL MOUNTING HEIGHTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

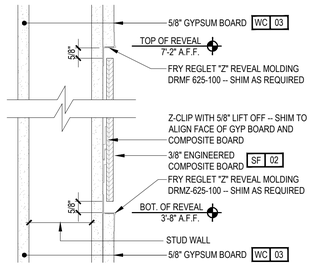
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
INTERIOR ELEVATION - LOBBY

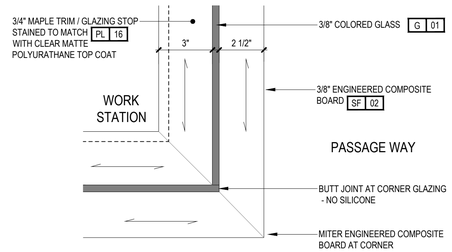
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.54a



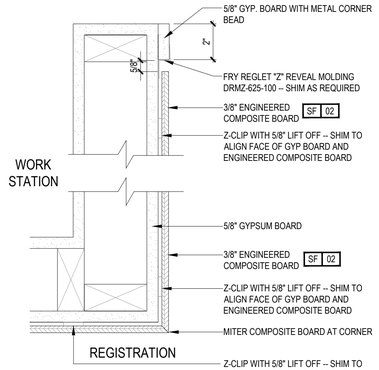
7F A4.55 **SECTION DETAIL**

SCALE: 3" = 1'-0"



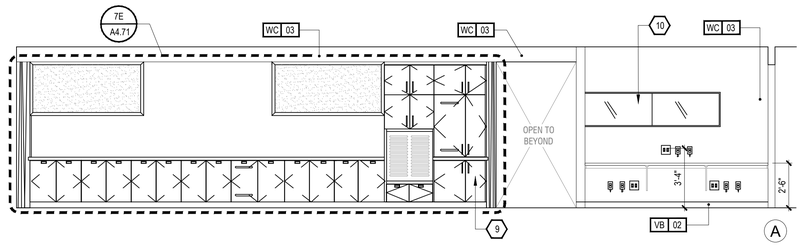
1J A4.55 **PLAN DETAIL AT WOOD WALL**

SCALE: 3" = 1'-0"



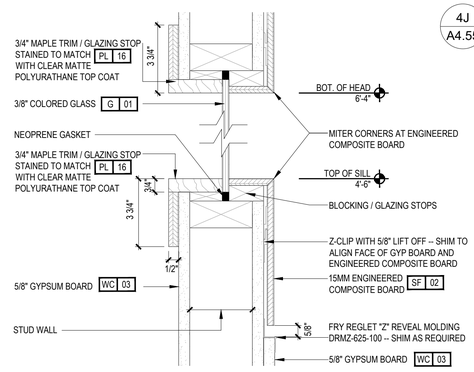
4J A4.55 **PLAN DETAIL**

SCALE: 3" = 1'-0"



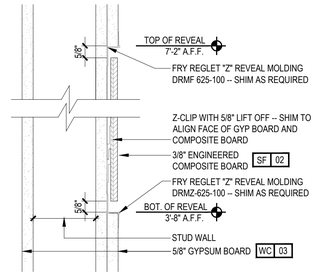
10C A4.55 **INTERIOR ELEVATION - BUFFET AND LOBBY WORKSPACE**

SCALE: 1/4" = 1'-0"



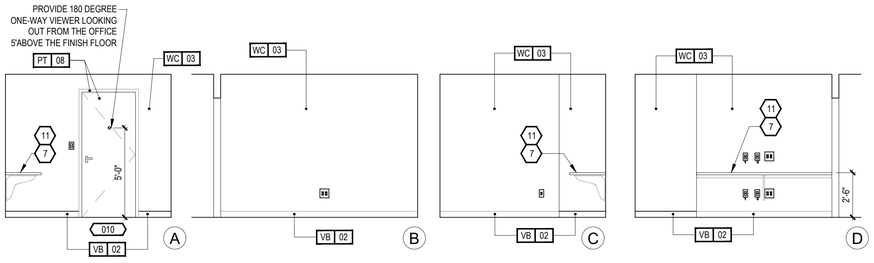
1F A4.55 **SECTION DETAIL**

SCALE: 3" = 1'-0"



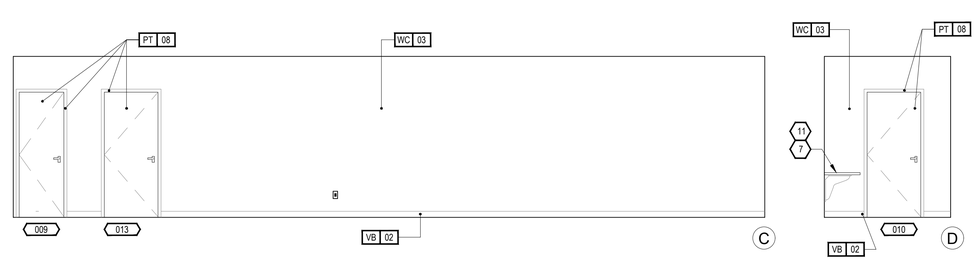
4F A4.55 **SECTION DETAIL**

SCALE: 3" = 1'-0"



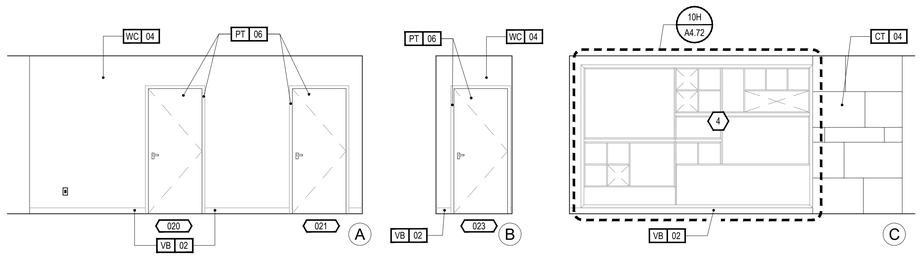
10C A4.55 **INTERIOR ELEVATION - BUFFET AND LOBBY WORKSPACE**

SCALE: 1/4" = 1'-0"



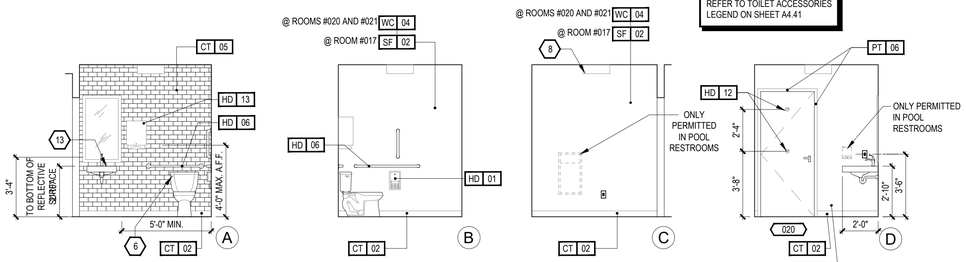
1C A4.55 **INTERIOR ELEVATION - MANAGEMENT OFFICE**

SCALE: 1/4" = 1'-0"



10C A4.55 **INTERIOR ELEVATION - BUFFET AND LOBBY WORKSPACE**

SCALE: 1/4" = 1'-0"



1A A4.55 **INTERIOR ELEVATION - PUBLIC RESTROOM CORRIDOR**

SCALE: 1/4" = 1'-0"

10A A4.55 **INTERIOR ELEVATION - PUBLIC RESTROOM**

SCALE: 1/4" = 1'-0"

KEY NOTES:

1. ROOM NUMBER SIGNAGE - REFER TO ACCESSIBILITY REQUIREMENTS AND **HADG** FOR ADDITIONAL REQUIREMENTS
2. DECORATIVE SCONCE -MAXIMUM PROJECTION 4" FROM WALL
3. RECESSED FIRE EXTINGUISHER CABINET -- REFER TO OVERALL FLOOR PLANS FOR LOCATION
4. "SIGHTS & SOUNDS WALL" - REFER TO 7.0 BRAND STYLE GUIDE
5. SIGNAGE NOT SHOWN - REFER TO 7.0 BRAND STYLE GUIDE
6. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
7. WIRE AND CABLE GROMMETS - REFER TO FFE MANUAL FOR TYPE AND LOCATION
8. DECORATIVE FIXTURE -REFER TO SHEET A4.53
9. ADJUSTABLE SHELVING ON HEAVY DUTY BRACKETS AND STANDARDS
10. GRAPHIC APPLIED TO GLAZING - REFER TO 7.0 BRAND STYLE GUIDE
11. EMPLOYEE WORK SURFACE REFER TO FF&E SPECIFICATION
12. ARTWORK
13. AVOID BACKSPLASH ON WALL SINK TO ALLOW FOR MIRROR TO BE INSTALLED AT PROPER HEIGHT

NOTE: REFER TO TOILET ACCESSORIES LEGEND ON SHEET A4.41

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE: REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV		CCTV DEVICE
		ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. RAISED CHARACTER AND BRAILLE SIGNAGE TO BE MOUNTED WITH THE TACTILE CHARACTERS BETWEEN 48" AND 60" A.F.F.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 'OM' DESIGN SOLUTIONS - DESIGN CONSULTANTS" AND RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

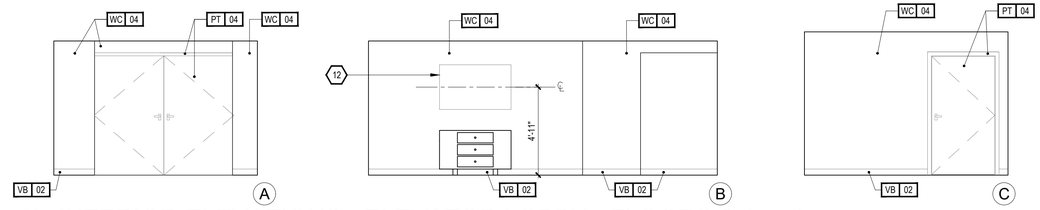
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
INTERIOR ELEVATION - LOBBY & CORRIDOR

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

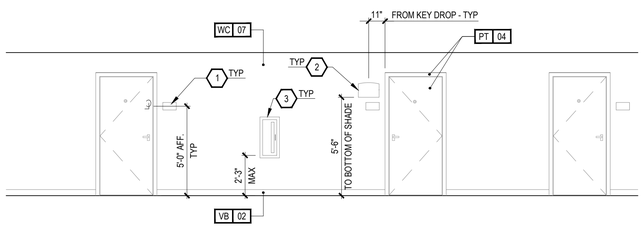
SHEET NUMBER:

A4.55



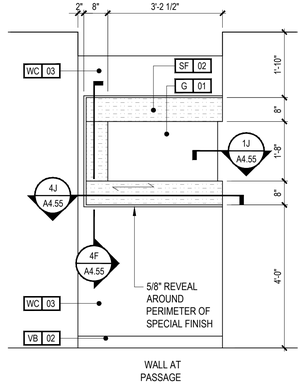
9N / A4.55a INTERIOR ELEVATIONS - ELEVATOR LOBBY - FLOORS 2 thru 4

SCALE: 1/4" = 1'-0"

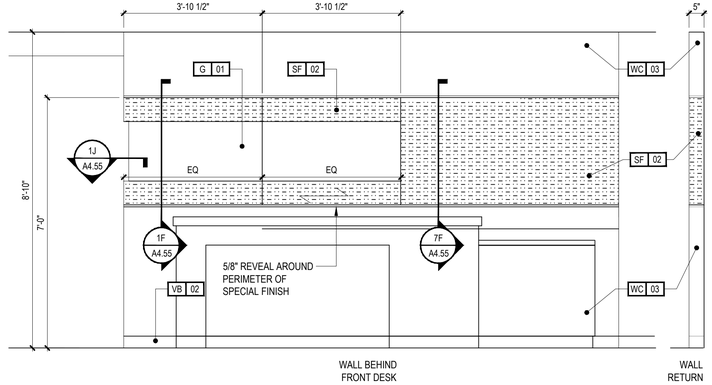


12L / A4.55a PARTIAL INTERIOR ELEV - GUESTROOM CORR.

SCALE: 1/4" = 1'-0" — TYPICAL - ACCENT WALL



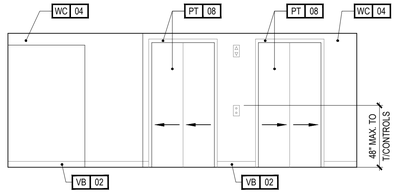
WALL AT PASSAGE



WALL BEHIND FRONT DESK — WALL RETURN

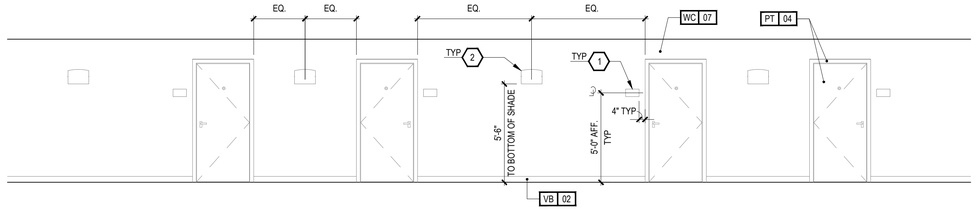
1M / A4.55a ENLARGED ELEVATION AT WOOD WALL

SCALE: 1/2" = 1'-0"



9K / A4.55a INT. ELEV. - ELEVATOR LOBBY

SCALE: 1/4" = 1'-0" — FLOORS 2 thru 4



10H / A4.55a PARTIAL INTERIOR ELEVATION - GUESTROOM CORRIDORS

SCALE: 1/4" = 1'-0" — TYPICAL - NEUTRAL WALL

KEY NOTES:

1. ROOM NUMBER SIGNAGE - REFER TO ACCESSIBILITY REQUIREMENTS AND **HADG** FOR ADDITIONAL REQUIREMENTS
2. DECORATIVE SCONCE -MAXIMUM PROJECTION 4" FROM WALL
3. RECESSED FIRE EXTINGUISHER CABINET – REFER TO OVERALL FLOOR PLANS FOR LOCATION
4. "SIGHTS & SOUNDS WALL" - REFER TO 7.0 BRAND STYLE GUIDE
5. SIGNAGE NOT SHOWN - REFER TO 7.0 BRAND STYLE GUIDE
6. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
7. WIRE AND CABLE GROMMETS - REFER TO FFE MANUAL FOR TYPE AND LOCATION
8. DECORATIVE FIXTURE -REFER TO SHEET A4.53
9. ADJUSTABLE SHELVING ON HEAVY DUTY BRACKETS AND STANDARDS
10. GRAPHIC APPLIED TO GLAZING - REFER TO 7.0 BRAND STYLE GUIDE
11. EMPLOYEE WORK SURFACE REFER TO FF&E SPECIFICATION
12. ARTWORK
13. AVOID BACKSPLASH ON WALL SINK TO ALLOW FOR MIRROR TO BE INSTALLED AT PROPER HEIGHT

NOTE:
REFER TO TOILET ACCESSORIES LEGEND ON SHEET A4.41

XXX FURNISHINGS LEGEND:

GF-100	OTTOMAN	GF-404	ROOM DIVIDER
GF-101	SLEEPER SOFA	GF-405 - 06	CLOSET DRAPERY
GF-102	DINING CHAIR	GF-500	ARTWORK AT SLEEPER SOFA
GF-103	LOUNGE CHAIR	GF-501	ARTWORK AT DINING TABLE
GF-104	TASK CHAIR	GF-502	ARTWORK AT END WALL
GF-200	SIDE TABLE LAMP	GF-503	VANITY MIRROR
GF-201	TASK LAMP	GF-504	WALL MIRROR
GF-202	HEADBOARD WALL SCONCE	GF-600	QUEEN BOXSPRING COVER
GF-203	VANITY LIGHT	GF-601	KING BOXSPRING COVER
GF-204	FLOOR LAMP	GF-602	QUEEN BED BASE
GF-205	END WALL SCONCE	GF-603	KING BED BASE
GF-206	NIGHTSTAND TABLE LAMP	GF-604	QUEEN COVERLET
GF-207	END WALL SCONCE	GF-605	KING COVERLET
GF-208	SOFA WALL SCONCE	901	REFRIGERATOR
GF-300	QUEEN HEADBOARD	902	DISHWASHER
GF-301	KING HEADBOARD	903	TELEVISION
GF-302	VANITY	904	CLOCK/RADIO
GF-303	ACCESSIBLE VANITY	905	TELEPHONE
GF-304 -16	WORKING WALL	906	QUEEN MATTRESS & BOXSPRING
GF-317	NIGHTSTAND	907	KING MATTRESS & BOXSPRING
GF-318	SIDE TABLE	908	SHOWER CURTAIN ROD
GF-319	DINING TABLE	909	SHOWER CURTAIN
GF-400 - 03	ROLLER SHADE		

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:	ELEV:	
		POWER OUTLET
		QUAD OUTLET
		GFCI OUTLET
		DATA OUTLET
		VOICE OUTLET
TV	TV	CCTV DEVICE
S	S	ELECTRICAL SWITCH
SD	SD	SMOKE DETECTOR
J		FLOOR MOUNTED "J" BOX
	J	WALL MOUNTED "J" BOX
		SPRINKLER HEAD
		SIDE WALL SPRINKLER HEAD
T	T	WALL MOUNTED WIRELESS THERMOSTAT
HS	HS	FIRE HORN / STROBE (IN C.F. ROOMS ONLY, OMIT FIRE HORNS WHEN THEY ARE USED)

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- WALL SCONCE - REFER TO CONSTRUCTION PLAN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. RAISED CHARACTER AND BRAILLE SIGNAGE TO BE MOUNTED WITH THE TACTILE CHARACTERS BETWEEN 48" AND 60" A.F.F.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

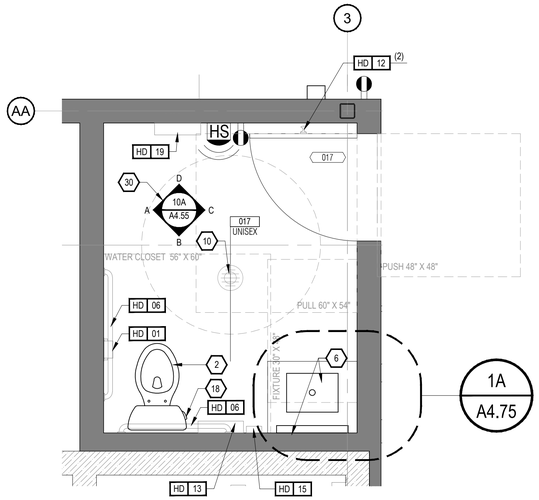
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
INTERIOR ELEVATION - LOBBY & CORRIDOR

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

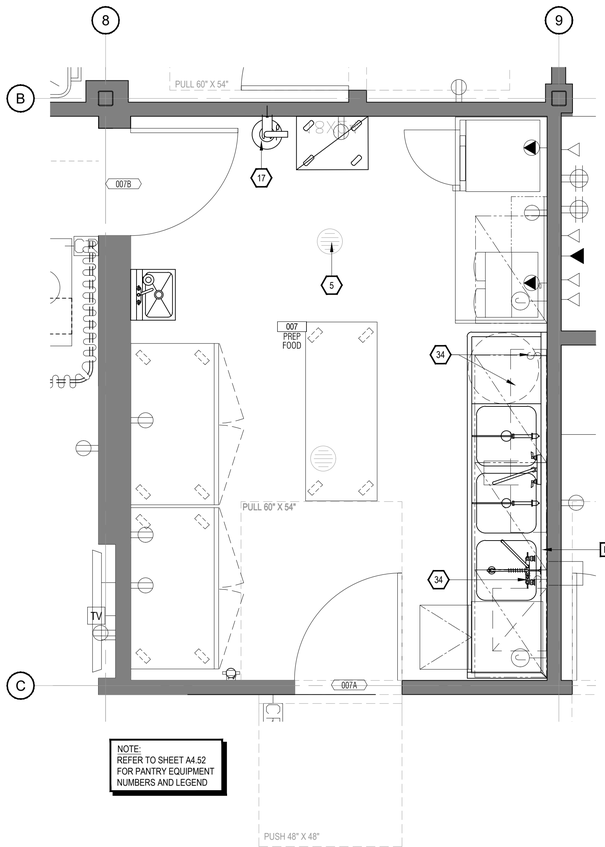
A4.55a



NOTE:
REFER TO TOILET ACCESSORIES LEGEND ON SHEET A4.41

3G / A4.56 ENLARGED PLAN - UNISEX RESTROOM

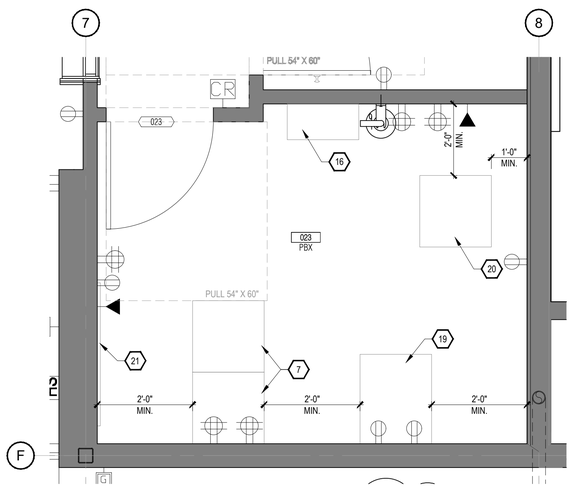
SCALE: 1/2" = 1'-0"



NOTE:
REFER TO SHEET A4.52
FOR PANTRY EQUIPMENT
NUMBERS AND LEGEND

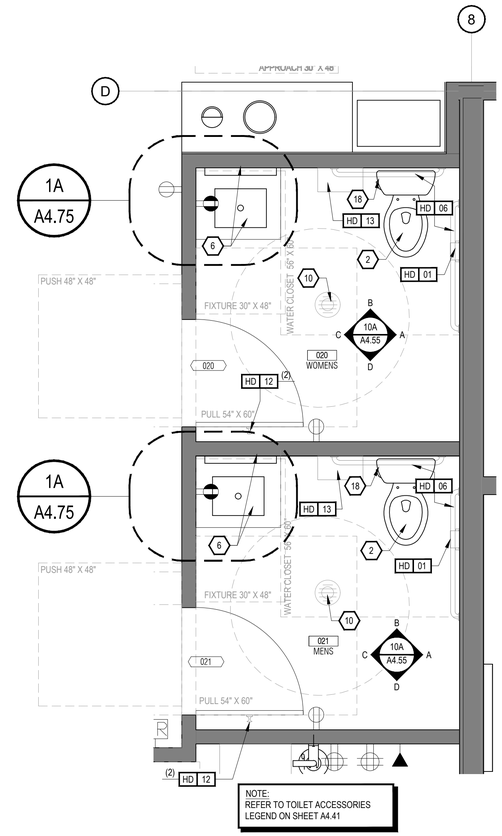
3A / A4.56 ENLARGED PLAN - FOOD PREP

SCALE: 1/2" = 1'-0"



8A / A4.56 ENLARGED PLAN - PBX ROOM

SCALE: 1/2" = 1'-0"



NOTE:
REFER TO TOILET ACCESSORIES
LEGEND ON SHEET A4.41

13A / A4.56 ENLARGED PLAN - PUBLIC RESTR(

SCALE: 1/2" = 1'-0"

KEY NOTES: INTERIOR ELEVATIONS

1. ROOM NUMBER SIGNAGE - REFER TO ACCESSIBILITY REQUIREMENTS AND **HADG** FOR ADDITIONAL REQUIREMENTS
2. DECORATIVE SCONCE -MAXIMUM PROJECTION 4" FROM WALL
3. RECESSED FIRE EXTINGUISHER CABINET -- REFER TO OVERALL FLOOR PLANS FOR LOCATION
4. "SIGHTS & SOUNDS WALL" - REFER TO 7.0 BRAND STYLE GUIDE
5. SIGNAGE NOT SHOWN - REFER TO 7.0 BRAND STYLE GUIDE
6. LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL.
7. WIRE AND CABLE GROMMETS - REFER TO FFE MANUAL FOR TYPE AND LOCATION
8. DECORATIVE FIXTURE -REFER TO SHEET A4.53
9. ADJUSTABLE SHELVING ON HEAVY DUTY BRACKETS AND STANDARDS
10. GRAPHIC APPLIED TO GLAZING - REFER TO 7.0 BRAND STYLE GUIDE
11. EMPLOYEE WORK SURFACE REFER TO FF&E SPECIFICATION
12. ARTWORK
13. AVOID BACKSPLASH ON WALL SINK TO ALLOW FOR MIRROR TO BE INSTALLED AT PROPER HEIGHT

KEY NOTES:

1. WALL MOUNTED GRAB BARS
2. ACCESSIBLE FLUSH-VALVE TOILET
3. TOWEL DISPENSER / TRASH CAN
4. TOILET PAPER HOLDER
5. FLOOR DRAIN WITH TRAP PRIMER IN DISH RECESS
6. VANITY AND MIRROR (VANITY MUST NOT ENCROACH INTO CLEAR FLOOR SPACE FOR ACCESSIBLE TOILET)
7. PHONE RACK
8. BREAKFAST COUNTER; REACH RANGES FOR OPERABLE PARTS TO MEET ACCESSIBILITY REQUIREMENTS. SEE **HADG** FOR FURTHER INFORMATION.
9. PTAC
10. FLOOR DRAIN WITH TRAP PRIMER -- MAINTAIN ACCESSIBLE SLOPE TO DRAIN
11. CHANGING TABLE
12. 8" MINIMUM FROM EDGE OF WORK SURFACE TO CENTERLINE OF RAIL
13. UPPER CABINETS -- PROVIDE BLOCKING AS REQUIRED AT SOFFIT
14. NOT USED
15. NOT USED
16. NOT USED
17. FIRE EXTINGUISHER
18. LEVER INDICATED ON THE SIDE OF TANK NEAREST THE MANEUVERABILITY CLEARANCE INDICATION. TYPICAL
19. MATV RACK
20. OnQ RACK
21. 4' x 8' PLYWOOD SHEET
22. COFFEE MAKER
23. TOASTER OVEN
24. WARMING DISPLAY CABINET
25. REFRIGERATOR - COORDINATE W/ ELECTRICAL & CASEWORK
26. DROP IN COLD WELL - COORDINATE W/ ELECTRICAL & CASEWORK
27. JUICE DISPENSER - COORDINATE W/ ELECTRICAL & CASEWORK
28. BATTER MIX STARTER KIT
29. PROVIDE FLOOR DRAIN FOR REFRIGERATION WALL
30. UTILIZE ELEVATION INDICATED FOR FINISH REFERENCE ONLY
31. ACCESSIBLE URINAL
32. MAINTAIN MIN. 9" CLEAR FOR DRAPERIES - BOTH SIDES
33. ELECTRICAL INTEGRATED INTO CASEWORK -REFER TO CASEWORK DRAWINGS
34. JUNCTION BOX AND SWITCH FOR GARBAGE DISPOSAL
35. DEDICATED DUPLEX OUTLET FOR TOASTER OVEN
36. DEDICATED DUPLEX OUTLET FOR WARMING DISPLAY
37. WARMING KETTLE
38. ALL SELF SERVICE DISPENSERS AND OTHER AMENITIES MUST BE LOCATED WITHIN 48" AFF REACH HEIGHT. IF ITEMS ARE DEEPER THAN 10" FROM THE FRONT OF THE BASE CABINET, PROVIDE DISPENSERS AT 46" MAX AFF.
39. ACCESSIBLE HI-LO WATER FOUNTAIN

NOTE:
REFER TO A2.00 FOR
ACCESSIBLE
CLEARANCE LEGEND

NOTE:
REFER TO SEPARATE
SPECIFICATIONS MANUAL
FOR ACCESSORIES
SPECIFICATIONS AND FOR
ITEMS NOT IDENTIFIED
WITHIN THESE
DRAWINGS--FURNITURE
SHOWN ON PLAN IS FOR
REFERENCE ONLY

POWER AND SIGNAL LEGEND:

PLAN:

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- VOICE OUTLET
- TV DEVICE WITH HSIA CONNECTION
- SD SMOKE DETECTOR
- ES ENERGY SAVER PANEL / KEY TAG
- E1 To EMERGENCY CONTROLS/DEVICES (GANGED AT B/PANEL)
- E2 To ELEVATOR CONTROLS/DEVICES
- E3 CENTERLINE OF ACCESSIBLE FLOOR IDENTIFICATION SIGNAGE - LOCATE (1) ON EACH LOBBY DOOR JAMB, EVERY FLOOR, EVERY ELEVATOR
- E4 To ELEVATOR JAMB SIGNAGE
- J FLOOR MOUNTED JUNCTION BOX
- FLUSH MOUNTED FLOOR OUTLET BOX
- H FIRE HORN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
3. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. REFER TO STANDARDS FOR FIXTURE AND EQUIPMENT SCHEDULES
6. WALL MOUNTED EQUIP., FIXTURES, ETC. LOCATED BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE **HADG** FOR FURTHER REQUIREMENTS

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

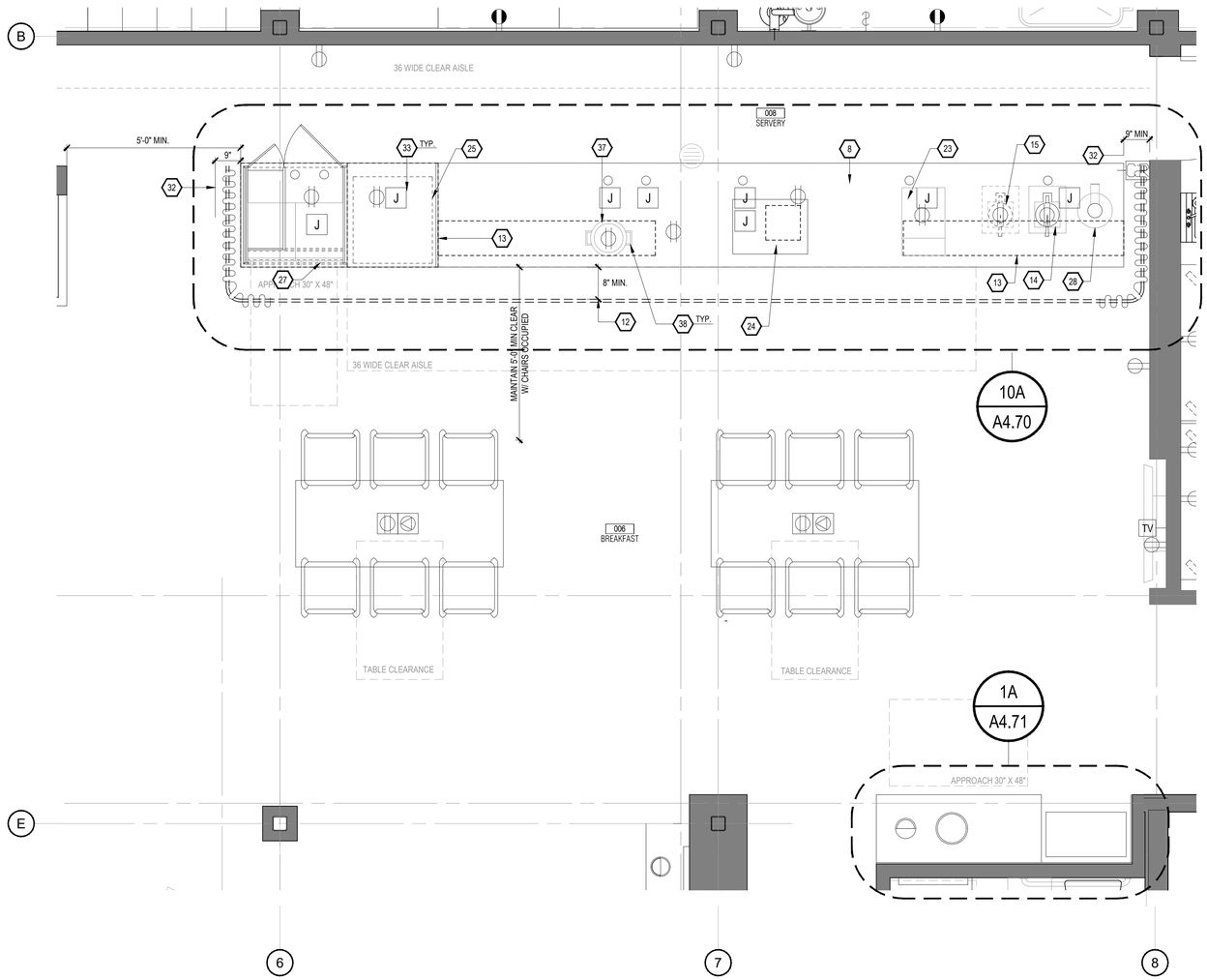
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLANS
PUBLIC SPACES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A4.56



NOTE:
ELECTRIC AND DATA OUTLETS ARE SHOWN TO PROVIDE REFERENCE LOCATIONS AND TO SUPPORT BRAND STANDARD FF+E AND EQUIPMENT. ADDITIONAL DEVICES MAY BE REQUIRED FOR OTHER ITEMS OR LOCAL CODE COMPLIANCE.

8G / A4.56a ENLARGED PLAN - BREAKFAST & SERVERY

SCALE: 1/2" = 1'-0"

KEY NOTES:

1. WALL MOUNTED GRAB BARS
2. ACCESSIBLE FLUSH-VALVE TOILET
3. TOWEL DISPENSER / TRASH CAN
4. TOILET PAPER HOLDER
5. FLOOR DRAIN WITH TRAP PRIMER IN DISH RECESS
6. VANITY AND MIRROR (VANITY MUST NOT ENCROACH INTO CLEAR FLOOR SPACE FOR ACCESSIBLE TOILET)
7. PHONE RACK
8. BREAKFAST COUNTER; REACH RANGES FOR OPERABLE PARTS TO MEET ACCESSIBILITY REQUIREMENTS. SEE **HADG** FOR FURTHER INFORMATION.
9. PTAC
10. FLOOR DRAIN WITH TRAP PRIMER – MAINTAIN ACCESSIBLE SLOPE TO DRAIN
11. CHANGING TABLE
12. 8" MINIMUM FROM EDGE OF WORK SURFACE TO CENTERLINE OF RAIL
13. UPPER CABINETS – PROVIDE BLOCKING AS REQUIRED AT SOFFIT
14. NOT USED
15. NOT USED
16. NOT USED
17. FIRE EXTINGUISHER
18. LEVER INDICATED ON THE SIDE OF TANK NEAREST THE MANEUVERABILITY CLEARANCE INDICATION, TYPICAL
19. MATV RACK
20. OnQ RACK
21. 4' x 8' PLYWOOD SHEET
22. COFFEE MAKER
23. TOASTER OVEN
24. WARMING DISPLAY CABINET
25. REFRIGERATOR - COORDINATE W/ ELECTRICAL & CASEWORK
26. DROP IN COLD WELL - COORDINATE W/ ELECTRICAL & CASEWORK
27. JUICE DISPENSER - COORDINATE W/ ELECTRICAL & CASEWORK
28. BATTER MIX STARTER KIT
29. PROVIDE FLOOR DRAIN FOR REFRIGERATION WALL
30. UTILIZE ELEVATION INDICATED FOR FINISH REFERENCE ONLY
31. ACCESSIBLE URINAL
32. MAINTAIN MIN. 9" CLEAR FOR DRAPERIES - BOTH SIDES
33. ELECTRICAL INTEGRATED INTO CASEWORK -REFER TO CASEWORK DRAWINGS
34. JUNCTION BOX AND SWITCH FOR GARBAGE DISPOSAL
35. DEDICATED DUPLEX OUTLET FOR TOASTER OVEN
36. DEDICATED DUPLEX OUTLET FOR WARMING DISPLAY
37. WARMING KETTLE
38. ALL SELF SERVICE DISPENSERS AND OTHER AMENITIES MUST BE LOCATED WITHIN 48" AFF REACH HEIGHT. IF ITEMS ARE DEEPER THAN 10" FROM THE FRONT OF THE BASE CABINET, PROVIDE DISPENSERS AT 46" MAX AFF.
39. ACCESSIBLE HI-LO WATER FOUNTAIN

NOTE:
REFER TO A2.00 FOR ACCESSIBLE CLEARANCE LEGEND

NOTE:
REFER TO SEPARATE SPECIFICATIONS MANUAL FOR ACCESSORIES SPECIFICATIONS AND FOR ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS--FURNITURE SHOWN ON PLAN IS FOR REFERENCE ONLY

POWER AND SIGNAL LEGEND:

PLAN

- POWER OUTLET
- QUAD OUTLET
- GFCI OUTLET
- DATA OUTLET
- VOICE OUTLET
- TV DEVICE WITH HSIA CONNECTION
- SD SMOKE DETECTOR
- ES ENERGY SAVER PANEL / KEY TAG
- E1 To EMERGENCY CONTROLS/DEVICES (GANGED AT B/PANEL)
- E2 To ELEVATOR CONTROLS/DEVICES
- E3 CENTERLINE OF ACCESSIBLE FLOOR IDENTIFICATION SIGNAGE - LOCATE (1) ON EACH LOBBY DOOR JAMB, EVERY FLOOR, EVERY ELEVATOR
- E4 To ELEVATOR JAMB SIGNAGE
- J FLOOR MOUNTED JUNCTION BOX
- FLUSH MOUNTED FLOOR OUTLET BOX
- FH FIRE HORN

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS.
2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS PROVIDE EMERGENCY LIGHTING PER. LOCAL CODE
3. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
4. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
5. REFER TO STANDARDS FOR FIXTURE AND EQUIPMENT SCHEDULES
6. WALL MOUNTED EQUIP., FIXTURES, ETC. LOCATED BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS. CONSULT THE **HADG** FOR FURTHER REQUIREMENTS

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

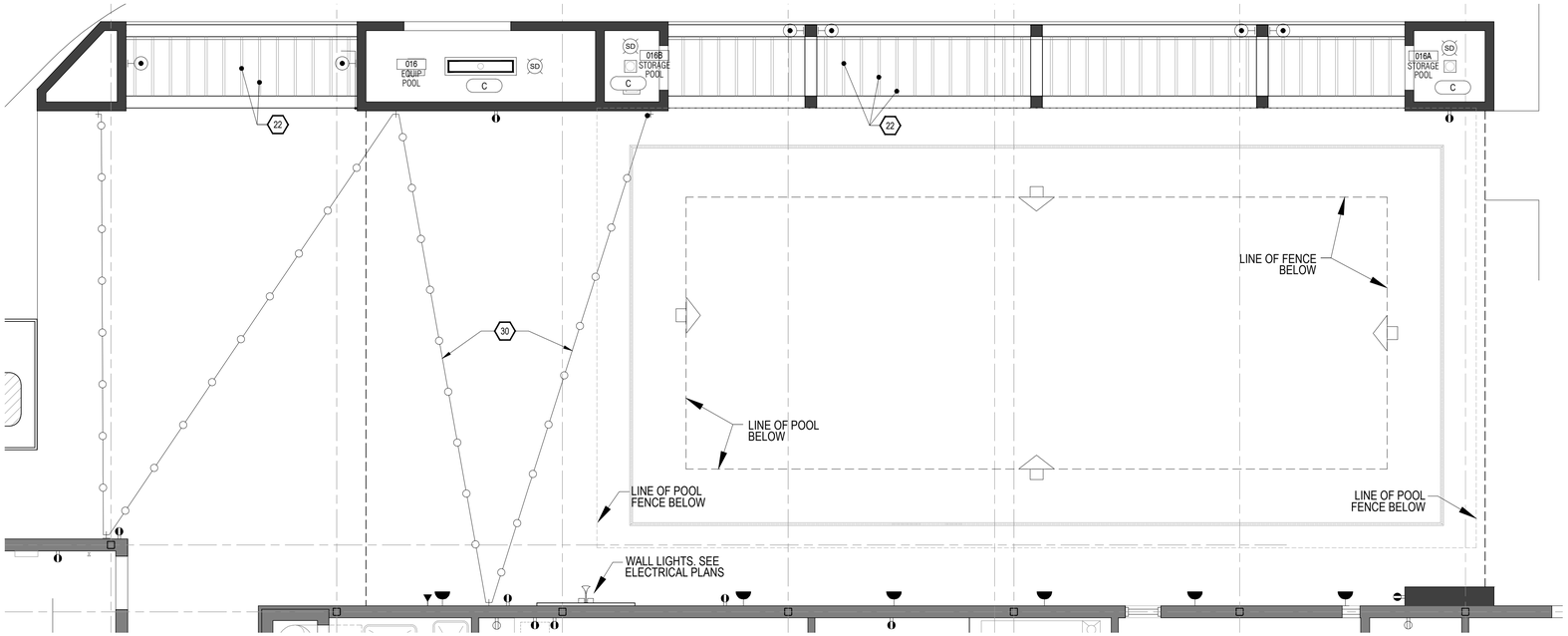
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLANS PUBLIC SPACES

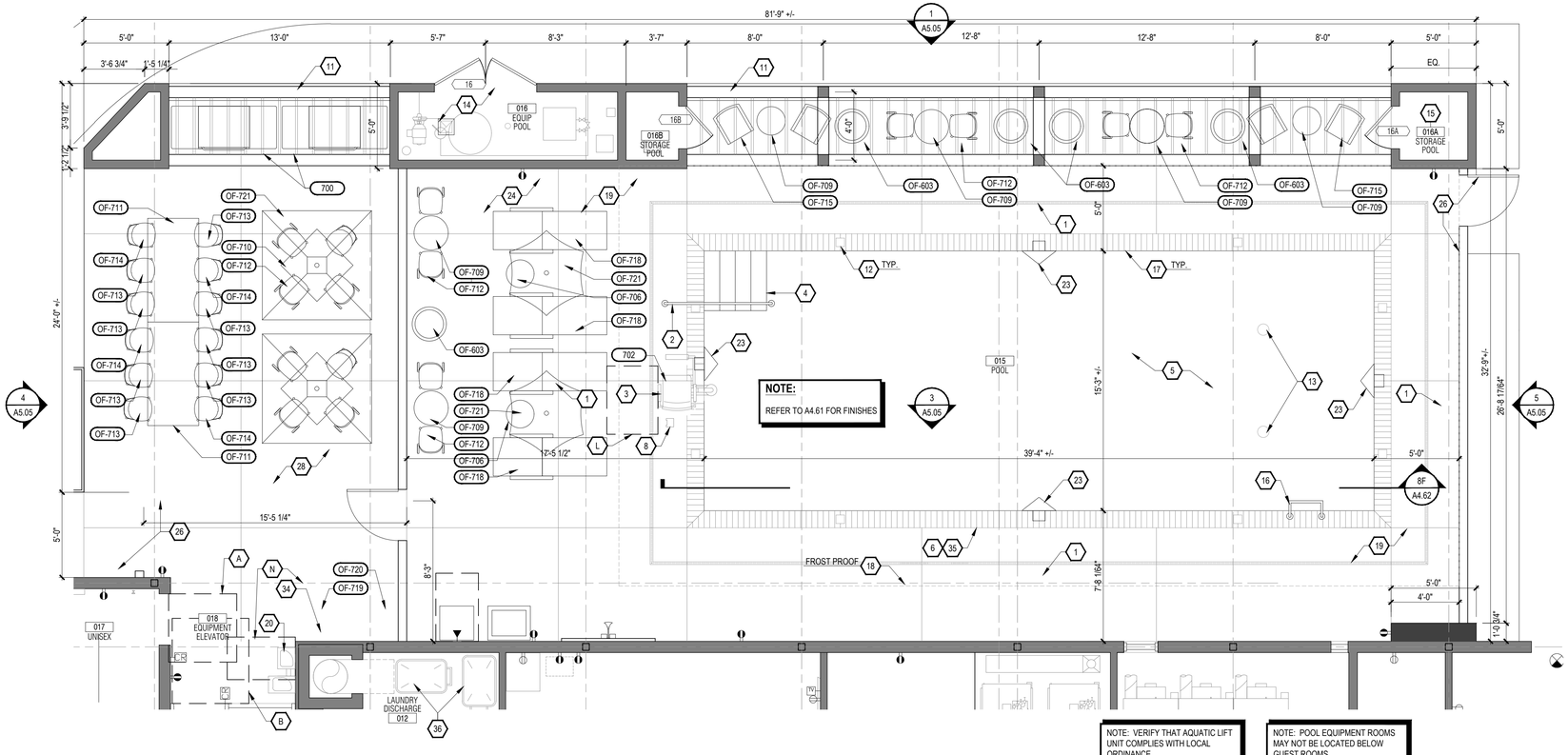
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.56a



1H / A4.60 ENLARGED CEILING AND POWER PLAN - EXTERIOR POOL

SCALE: 1/4" = 1'-0"



NOTE: VERIFY THAT AQUATIC LIFT UNIT COMPLIES WITH LOCAL ORDINANCE

NOTE: POOL EQUIPMENT ROOMS MAY NOT BE LOCATED BELOW GUEST ROOMS

1A / A4.60 ENLARGED CONSTRUCTION AND FURNITURE PLAN - EXTERIOR POOL

SCALE: 1/4" = 1'-0"

XXX FURNISHINGS LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE: REFER TO FF&E PACKAGE FOR FURNITURE AND FINISH SPECIFICATIONS

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH & TYPE

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	OPEN TO UNDERSIDE OF FLOOR / ROOF SYSTEM ABOVE -- PAINT ALL ELEMENTS -- ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GEN. REF. ONLY -- REFER TO SECTIONS
D.	2X2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E.	2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	UNDERSIDE OF FLOOR / ROOF SYSTEM -- PRIMED & PAINTED TO RECEIVE FINAL FINISH

SYMBOL / FIXTURE KEY

CLEAR FLOOR SPACE

DESIGNATED REQ'D CLEAR FLOOR SPACE PER ACCESSIBILITY REQ'S. REFER TO DETAIL ON SHEET A2.00 IN REFERENCE TO DOOR APPROACH CLEARANCES. VERIFY REQ'D CLEAR FLOOR SPACE FOR ALL ACCESSIBLE EQUIPMENT, FURNITURE & AREAS AS DEFINED BY ACCESSIBILITY, AS INDICATED WITH A LETTER KEYNOTE. REFER TO **HADG** FOR FURTHER INFO.

XXX FURNISHINGS LEGEND:

OF-603	PLANTER
OF-706	SIDE TABLE
OF-709	TABLE
OF-710	DINING UMBRELLA TABLE
OF-711	DINING TABLE
OF-712	DINING CHAIR
OF-713	DINING CHAIR
OF-714	DINING CHAIR
OF-715	DINING CHAIR
OF-718	CHAISE
OF-719	TOWEL RACK/BIN
OF-720	TOWEL BIN
OF-721	UMBRELLA
700	GAS GRILL
701	TREE GRATE
702	AQUATIC LIFT

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK & FINISH SPECS.
2. SMOKE DETECTORS & OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN & INDOOR POOL REQ'S.
6. POOL ENCLOSURE TO BE SEPARATED FROM THE REST OF THE BLDG. BY A VAPOR BARRIER ON THE POOL SIDE OF THE WALL. LOCATE POOL AREA EXTERIOR WALL VAPOR BARRIER ON THE POOL SIDE OF THE WALL. CARE MUST BE TAKEN TO AVOID MOISTURE BUILD-UP IN THE WALL OR CEILING CAVITY, & ANY PENETRATIONS OF THE BARRIER MUST BE MINIMIZED.

KEY NOTES:

1. FLUSH MOUNTED SPEAKER RATED FOR DAMP ENVIRONMENTS
2. STAINLESS STEEL HANDRAIL TO COMPLY WITH ACCESSIBILITY REQUIREMENTS
3. PROVIDE A FIXED POOL LIFT TO PROVIDE AN ACCESSIBLE MEANS OF ENTRY TO THE POOL. PROVIDE LIFT LOCATION TO COMPLY W/ ACCESSIBILITY STANDARDS. REFER TO HADG FOR FURTHER REQ'S.
4. STAIR ENTRY TO POOL TO COMPLY WITH ACCESSIBILITY REQUIREMENTS
5. SWIMMING POOL
6. JOINTS WHERE THE DECK MEET THE POOL MUST BE WATERTIGHT
7. STAINLESS STEEL HVAC DUCT
8. FLUSH BOX HYDRANT
9. RECESSED CLG. LIGHT FOR WET LOCATIONS W/ SHATTER PROOF LENS
10. EXPOSED WOOD CEILING STRUCTURE OVER POOL GLULAM BEAMS WITH SEMI-GLOSS CLEAR COAT WITH T&G DECKING
11. PARTIAL HEIGHT WALL W/ PRECAST COPING -- REFER TO ELEV'S.
12. POOL DEPTH MARKERS AS REQUIRED BY CODE, INSET FLUSH WITH POOL POOL COPING. DECK LOCATION ALSO INDICATES CORRESPONDING POOL WALL TILE LOCATION, DECK AND WALL TILES TO BE ALIGNED. POOL CONTRACTOR TO VERIFY POOL DEPTHS PRIOR TO INSTALLING TILES
13. POOL BOTTOM DRAIN
14. POOL EQUIPMENT
15. POOL CHEMICAL CLOSET -- EVERYTHING IN THIS ROOM TO BE RATED FOR CORROSIVE ENVIRONMENTS (DOOR, DOOR FRAME AND HARDWARE, PIPES, PIPE SUPPORTS, SHELVES, LIGHTS, ETC.)
16. LADDER
17. BRICK COPING AT PERIMETER OF POOL
18. TAMPER RESISTANT, RECESSED HOSE BIBB - MOUNT TOP AT +12" A.F.F.
19. SLOPE POOL DECK TOWARD AREA DRAIN EXTEND WATERPROOFING OVER STRUCTURAL SLAB AND INTO LOWER BODY OF DRAIN. SLOPE OF POOL DECK NOT TO EXCEED 1:48 (1:64 RECOMMENDED) IN EITHER DIRECTION PER ACCESSIBILITY REQUIREMENTS.
20. DRINKING FOUNTAINS: LEADING EDGES OF BOTH ACCESSIBLE AND NON-ACCESSIBLE FOUNTAIN SHOULD BE NO HIGHER THAN 27" PER ACCESSIBILITY. REQUIREMENTS.
21. SURFACE MOUNTED DOWNLIGHT -- RUN EXPOSED POWER SUPPLY CONDUIT UP TIGHT AGAINST CORNER OF DECKING AND BEAM TO MINIMIZE SIGHT LINES
22. PRIMED AND PAINTED TUBE STEEL CANOPY WITH STAINED WOOD TRELLIS INFILL - SYSTEM TO BE UPLIGHTED BY SCONCES
23. UNDERWATER LIGHTING - WATTAGE PER LOCAL CODE
24. DECKS MUST BE INSTALLED W/ RELIEF JOINTS FOR THERMAL MOVEMENT & POTENTIAL SETTLING
25. PROVIDE CONT. VAPOR BARRIER BEHIND POOL CEILING FINISHES
26. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE
27. EDGE OF POOL BELOW DASHED IN FOR REFERENCE
28. SLOPE CONCRETE DECK AWAY FROM BUILDING. SLOPE OF POOL DECK NOT TO EXCEED 1:48 (1:64 RECOMMENDED) IN EITHER DIRECTION PER ACCESSIBILITY REQUIREMENTS.
29. WALL RETURN GRILLE -- REFER TO ELEVATIONS
30. EXTERIOR LIGHT STRING -- ENSURE THAT ADEQUATE BLOCKING IS PROVIDED FOR STRING LIGHTS
31. GYP. BD. 'VEE' REVEAL
32. ROOF MOUNTED EXHAUST FAN GRILLE
33. EXPANSION JOINT IN COPING 10" MAX SEPARATION
34. HOUSE TELEPHONE LOCATION
35. JOINTS WHERE THE POOL OR WHIRLPOOL COPING MEETS THE DECK, MUST BE PROTECTED FROM THE RELATIVE PRESSURE OF ADJOINING DECK MOVEMENT
36. EXTERIOR POOL REQUIRES INTERIOR AND EXTERIOR CARD READER ACCESS FOR BUILDING SECURITY AND POOL SAFETY

CEILING - FIXTURE LEGEND: SYMBOLS ARE NOT TO SCALE

- DECORATIVE WALL SCONCE -- REFER TO FF&E PACKAGE
- DECORATIVE ROUND SUSPENDED LIGHT FIXTURE -- REFER TO FF&E PACKAGE
- DECORATIVE SQUARE SURFACE MOUNT LIGHT FIXTURE-- REFER TO FF&E PACKAGE
- DECORATIVE SUSPENDED LIGHT FIXTURE -- REFER TO FF&E PACKAGE
- (R-1): RECESSED DOWNLIGHT
- (R-2): RECESSED WALL WASH
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) --UL WET LABELED
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-6): SURFACE MOUNTED FIXTURE
- (R-7): EXT. RECESSED DOWNLIGHT WALL WASHER- (UL WET LABEL)
- (T-1): 2X2 LAY-IN FLUORESCENT FIXTURE
- (T-2): 2X4 LAY-IN FLUOR. FIXTURE
- (T-3): 1X4 SURFACE MOUNTED FLUORESCENT FIXTURE
- (C-1): RECESSED FLUORESCENT COVE FIXTURE - 4FT
- (W-1): WALL MOUNTED STRIP LIGHT - 4FT
- (S-1): WALL SCONCE @ POOL AREA (UL WET LABEL)
- (S-2): WALL SCONCE @ REAR ENTRY (UL WET LABEL)
- (S-3): EXTERIOR SCONCE (UPLIGHT)
- (S-5): EXTERIOR FLOODLIGHT
- (G-1): EXTERIOR HEAVY DUTY LIGHT STRING
- SPEAKER
- MECHANICAL EXHAUST GRILLE
- 2X2 MECHANICAL RETURN GRILLE
- 2X2 MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY GRILLE
- MECHANICAL SUPPLY LINEAR GRILLE
- MECHANICAL RETURN GRILLE
- SMOKE DETECTOR
- CARBON-MONOXIDE DETECTOR
- CLNG. SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- 'VEE' CONTROL JOINT
- (P-3) IN-GROUND UPLIGHT
- FIRE HORN/STROBE

* PROVIDE EMERGENCY LIGHTING AS REQUIRED BY LOCAL CODE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 PH/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

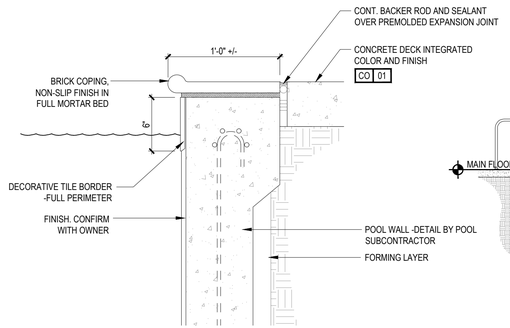
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED CONSTRUCTION & CEILING PLANS - OUTDOOR POOL

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

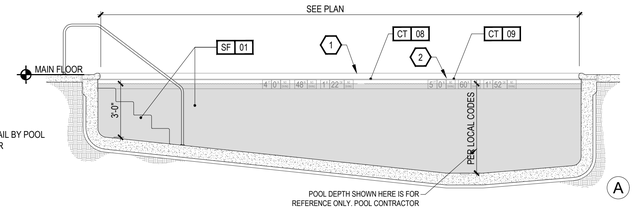
SHEET NUMBER:

A4.60



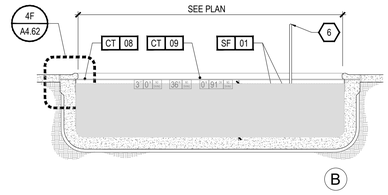
4F / A4.62 **DETAIL SECTION**

SCALE: 1-1/2" = 1'-0" COPING



8F / A4.62 **SECTION**

SCALE: 1/4" = 1'-0" POOL



KEY NOTES:

1. BRICK COPING AT PERIMETER OF POOL
2. POOL DEPTH MARKERS AS REQUIRED BY CODE. INSET FLUSH WITH CERAMIC TILE BAND. WALL LOCATION ALSO INDICATES CORRESPONDING POOL DECK TILE LOCATION. DECK AND WALL TILES TO BE ALIGNED. POOL CONTRACTOR TO VERIFY POOL DEPTHS PRIOR TO INSTALLATION.
3. WALL SCONCE (UL WET LABEL)
4. ACCESSIBLE HI-LO DRINKING FOUNTAIN
5. SPACE FOR HVAC DUCT. SEE MECH. PLANS
6. RAILS MUST COMPLY WITH ADA FOR SIZE, STRENGTH, OFFSET FROM STAIRS

FINISH LEGEND:

PT	PAINT	NOTE: REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS
PL	PLASTIC LAMINATE	
ST	STONE	
SS	SOLID SURFACE	
SF	SPECIAL FINISH	
CO	CONCRETE	
CP	CARPET	
CT	TILE	
G	GLASS	
QT	QUARRY TILE	
VB	VINYL BASE	
VF	VINYL FLOORING	

POWER AND SIGNAL LEGEND:

ELEV:

- THERMOSTAT
- VOICE OUTLET
- POWER OUTLET
- DATA OUTLET
- CCTV DEVICE
- WALL MOUNTED JUNCTION BOX
- ELECTRICAL SWITCH
- SMOKE DETECTOR
- SIDE WALL SPRINKLER HEAD
- FIRE SPEAKER
- HOSE BIB

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE--INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. WALL DEVICES TO BE MOUNTED AT 12" A.F.F. TYPICAL U.N.O.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

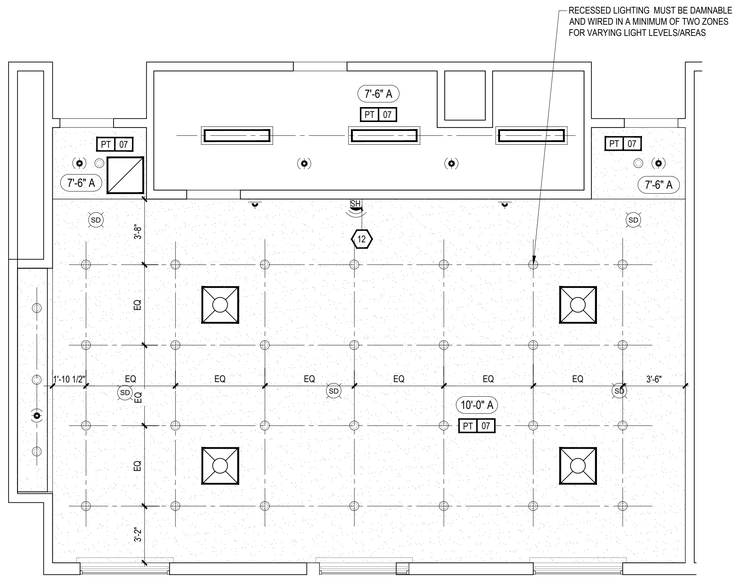
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
INTERIOR ELEVATIONS & DETAILS - POOL

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

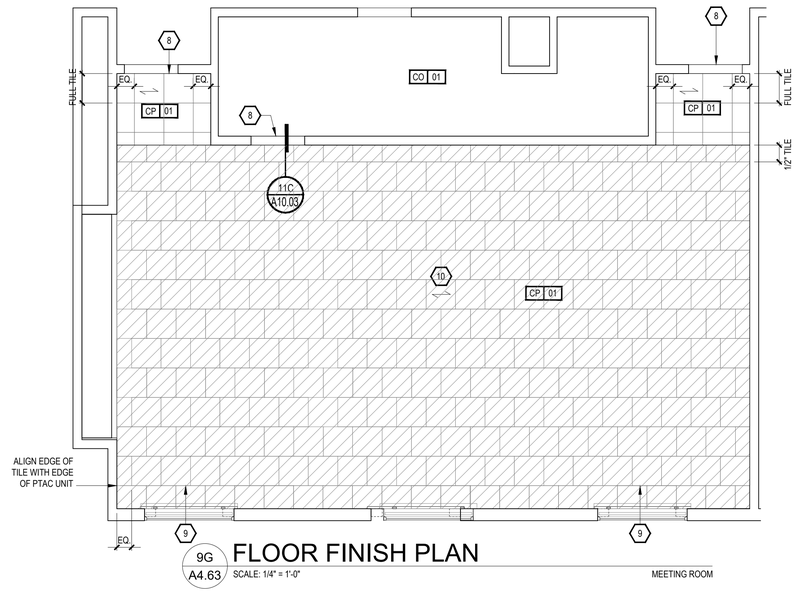
SHEET NUMBER:

A4.62



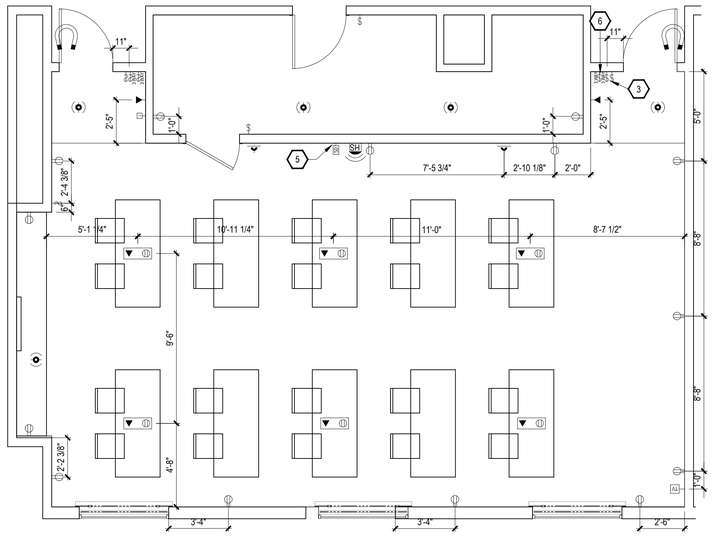
1G A4.63 **CEILING PLAN**

SCALE: 1/4" = 1'-0" MEETING ROOM



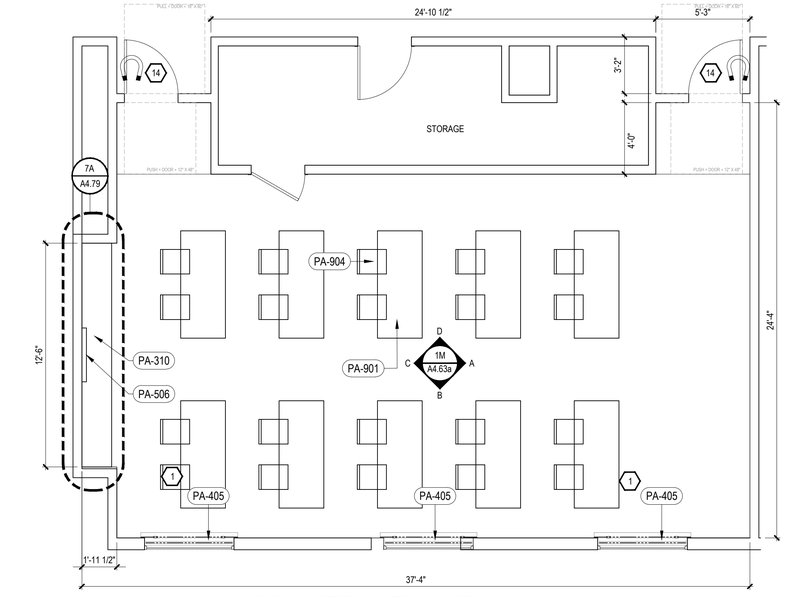
9G A4.63 **FLOOR FINISH PLAN**

SCALE: 1/4" = 1'-0" MEETING ROOM



1A A4.63 **ELECTRIC PLAN**

SCALE: 1/4" = 1'-0" MEETING ROOM



9A A4.63 **CONSTRUCTION PLAN**

SCALE: 1/4" = 1'-0" MEETING ROOM

NOTE:
OWNERS REPRESENTATIVE TO DETERMINE FINAL QUANTITY OF FF&E ITEMS UPON FINAL PLAN LAYOUT

CEILING LEGEND:

8'-6" C — CEILING HEIGHT / CEILING FINISH

- A. PRIMED & PAINTED GYPSUM BOARD
- B. PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
- C. OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS – ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY – REFER TO SECTIONS
- D. 2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
- E. 2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
- F. UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

KEY NOTES:

1. NOT USED
2. BLACK OUT ROLLER SHADE (MTD. TO FACE OF WALL) AND SHEER ROLLER SHADE (MTD. IN WINDOW POCKET) EXTEND SIDE RAILS TO FLOOR
3. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
4. BEGIN CARPET TILE THIS SIDE WITH FULL TILE
5. PROVIDE STROBE UNIT IN ALL MEETING ROOMS
6. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY –REFER TO ELEVATIONS FOR EXACT POSITION
7. ROOM SIGNAGE
8. START TILE AT DOOR WITH ONE ROW OF FULL TILES
9. EDGE OF PTAC ABOVE CARPET TILES
10. INDICATES DIRECTION OF CARPET PATTERN
11. COORDINATE WITH ACTUAL PHONE TO BE USED AND ADJUST HEIGHT OF OUTLET SO THAT ALL OPERABLE PHONE CONTROLS ARE LOCATED BELOW 48"
12. C.F. ALARMS ARE REQUIRED IN ALL MEETING ROOMS.
13. DOORS MUST SWING FLAT AGAINST WALL, AND BE A MINIMUM OF 3'-0" WIDE
14. BOARDROOM ENTRY DOOR TO BE TYPE DOOR TYPE **D2**, HARDWARE SET **#1** – REFER TO A10.01 – WITH THE FOLLOWING DOOR HARDWARE SUBSTITUTIONS/ ADDITIONS:
    - 1 OFFICE LOCK w/ DECORATIVE HARDWARE, FOR ADVANCE CARD LOCK
    - 1 ONE WAY VIEWER, TO BE MOUNTED TO ALLOW VIEW INTO MEETING ROOM
15. PROVIDE A MINIMUM 52" WALL MOUNTED LED/LCD TELEVISION WITH CONNECTIVITY TO MATV SYSTEM AND TO BOARDROOM TABLE CONNECTION.
16. 4" MAXIMUM PROJECTION OFF WALL FOR WALL MOUNTED FF&E AND EQUIPMENT
17. RECESSED MEETING ROOM DIMMABLE LIGHTS. PROVIDE 2 DIMMABLE ZONE. DIM ALTERNATE LIGHT FIXTURE IN A ROW OR COLUMN

XXX FURNISHINGS LEGEND:

PA-309	BOARDROOM SERVING COUNTER
PA-310	BOARDROOM SERVING COUNTER
PA-405	ROLLER SHADE
PA-506	ART
PA-900	TABLE
PA-901	TABLE
PA-904	CHAIR

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:		ELEV:	
	POWER OUTLET		THERMOSTAT
	QUAD OUTLET	V	VOICE OUTLET
	GFCI OUTLET	P	POWER OUTLET
	DATA OUTLET	D	DATA OUTLET
	VOICE OUTLET	C	CCTV DEVICE
TV	CCTV DEVICE	J	WALL MOUNTED JUNCTION BOX
SD	SMOKE DETECTOR		ELECTRICAL SWITCH
J	FLOOR MOUNTED JUNCTION BOX	S	STROBE (FOR C.F. ROOMS ONLY)
HS	HORN STROBE (FOR C.F. ROOMS ONLY)		SIDE WALL SPRINKLER HEAD
	SPRINKLER HEAD	SD	SMOKE DETECTOR
	SIDE WALL SPRINKLER HEAD	3 WAY	LIGHT SWITCH (3 WAY WHEN INDICATED)
T	WALL MOUNTED WIRELESS THERMOSTAT (ADJUSTABLE)		

CEILING DIMENSION LEGEND

CENTER FIXTURE IN SPACE - CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

LIGHTING AND MECHANICAL- CEILING LEGEND:

- (R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))
- (R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD
- (R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED
- MECHANICAL EXHAUST
- MECHANICAL SUPPLY
- DECORATIVE WALL SCONCE
- FLUORESCENT LIGHT

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BELOCATED PER LOCAL CODE--INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE **HADG**.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. OBJECTS MOUNTED WITHIN THE CIRCULATION PATH IN ACCESSIBLE ROOMS BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQUIREMENTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

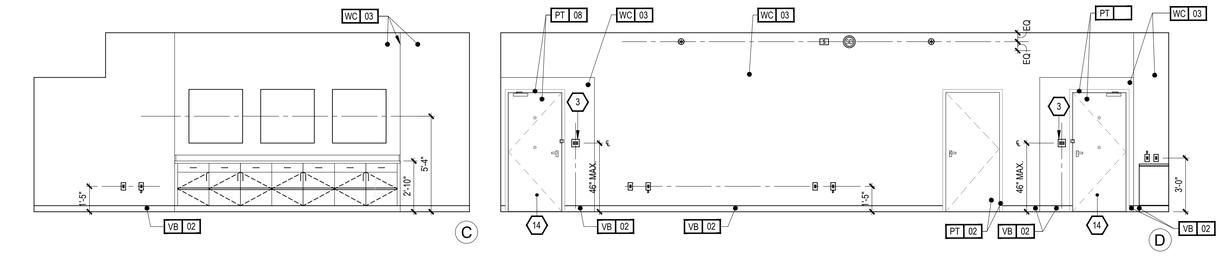
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

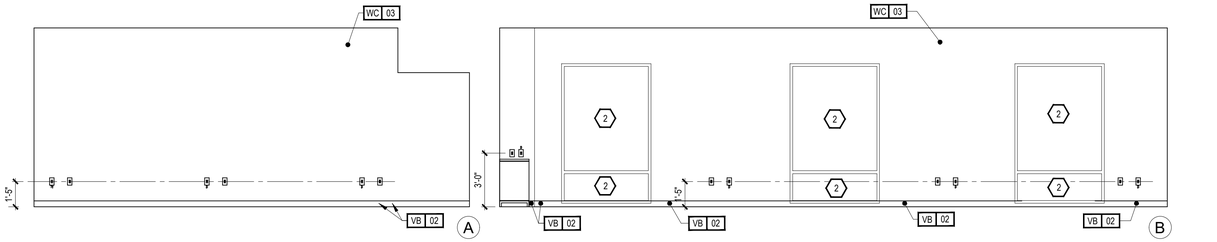
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED PLANS - MEETING ROOM

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.63





1M
A4.63a

INTERIOR ELEVATIONS - THREE BAY MEETING ROOM

SCALE: 1/4" = 1'-0"

CEILING LEGEND:

CEILING HEIGHT
8'-6" C CEILING FINISH

A.	PRIMED & PAINTED GYPSUM BOARD
B.	PRIMED & PAINTED GYPSUM BOARD - MOISTURE RESISTANT
C.	OPEN TO UNDERSIDE OF FLOOR/ROOF SYSTEM ABOVE - PAINT ALL ELEMENTS – ELEVATION INDICATED MAY BE "APPROXIMATE" & FOR GENERAL REFERENCE ONLY – REFER TO SECTIONS
D.	2x2 LAY-IN ACOUSTICAL CLG. TILE SUSPENDED FROM STRUCT.
E.	2X4 LAY-IN CEILING GRID SYSTEM SUSPENDED FROM STRUCTURE - INFILLED WITH 1/2" VINYL FACED GYPSUM BOARD PANELS
F.	UNDERSIDE OF FLOOR/ROOF SYSTEM - PRIMED & PAINTED

KEY NOTES:

1. NOT USED
2. BLACK OUT ROLLER SHADE (MTD. TO FACE OF WALL) AND SHEER ROLLER SHADE (MTD. IN WINDOW POCKET) EXTEND SIDE RAILS TO FLOOR
3. LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES
4. BEGIN CARPET TILE THIS SIDE WITH FULL TILE
5. PROVIDE STROBE UNIT IN ALL MEETING ROOMS
6. DEVICE SHOWN THIS LOCATION ON PLAN FOR CLARITY –REFER TO ELEVATIONS FOR EXACT POSITION
7. ROOM SIGNAGE
8. START TILE AT DOOR WITH ONE ROW OF FULL TILES
9. EDGE OF PTAC ABOVE CARPET TILES
10. INDICATES DIRECTION OF CARPET PATTERN
11. COORDINATE WITH ACTUAL PHONE TO BE USED AND ADJUST HEIGHT OF OUTLET SO THAT ALL OPERABLE PHONE CONTROLS ARE LOCATED BELOW 48"
12. C.F. ALARMS ARE REQUIRED IN ALL MEETING ROOMS.
13. DOORS MUST SWING FLAT AGAINST WALL, AND BE A MINIMUM OF 3'-0" WIDE
14. BOARDROOM ENTRY DOOR TO BE TYPE DOOR TYPE **D2**, HARDWARE SET **#1** – REFER TO A10.01 – WITH THE FOLLOWING DOOR HARDWARE SUBSTITUTIONS/ ADDITIONS:
    1 OFFICE LOCK w/ DECORATIVE HARDWARE, FOR ADVANCE CARD LOCK
    1 ONE WAY VIEWER, TO BE MOUNTED TO ALLOW VIEW INTO MEETING ROOM
15. PROVIDE A MINIMUM 52" WALL MOUNTED LED/LCD TELEVISION WITH CONNECTIVITY TO MATV SYSTEM AND TO BOARDROOM TABLE CONNECTION.
16. 4" MAXIMUM PROJECTION OFF WALL FOR WALL MOUNTED FF&E AND EQUIPMENT
17. RECESSED MEETING ROOM DIMMABLE LIGHTS. PROVIDE 2 DIMMABLE ZONE. DIM ALTERNATE LIGHT FIXTURE IN A ROW OR COLUMN

XXX FURNISHINGS LEGEND:

PA-309	BOARDROOM SERVING COUNTER
PA-310	BOARDROOM SERVING COUNTER
PA-405	ROLLER SHADE
PA-506	ART
PA-900	TABLE
PA-901	TABLE
PA-904	CHAIR

FINISH LEGEND:

PT	PAINT
PL	PLASTIC LAMINATE
ST	STONE
SS	SOLID SURFACE
SF	SPECIAL FINISH
CO	CONCRETE
CP	CARPET
CT	TILE
G	GLASS
QT	QUARRY TILE
VB	VINYL BASE
VF	VINYL FLOORING

NOTE:
REFER TO SEPARATE FF&E SPECIFICATIONS MANUAL AND SEPARATE COLOR AND MATERIALS SPECIFICATIONS MANUAL FOR FURNITURE ITEMS NOT IDENTIFIED WITHIN THESE DRAWINGS

POWER AND SIGNAL LEGEND:

PLAN:		ELEV:	
	POWER OUTLET		THERMOSTAT
	QUAD OUTLET		VOICE OUTLET
	GFCI OUTLET		POWER OUTLET
	DATA OUTLET		DATA OUTLET
	VOICE OUTLET		CCTV DEVICE
TV	CCTV DEVICE		WALL MOUNTED JUNCTION BOX
SD	SMOKE DETECTOR		ELECTRICAL SWITCH
J	FLOOR MOUNTED JUNCTION BOX	S	STROBE (FOR C.F. ROOMS ONLY)
HS	HORN STROBE (FOR C.F. ROOMS ONLY)		SIDE WALL SPRINKLER HEAD
	SPRINKLER HEAD	SD	SMOKE DETECTOR
	SIDE WALL SPRINKLER HEAD	3WAY	LIGHT SWITCH (3 WAY WHEN INDICATED)
T	WALL MOUNTED WIRELESS THERMOSTAT (ADJUSTABLE)		

CEILING DIMENSION LEGEND

CENTER FIXTURE IN SPACE - CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE.

ALIGN FIXTURES
- ALIGN FIXTURES ALONG CENTERLINE SHOWN

CENTER OVER
- CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

LIGHTING AND MECHANICAL- CEILING LEGEND:

(R-1): RECESSED DOWNLIGHT (FLUORESCENT LAMP))

(R-4): SMALL RECESSED DOWNLIGHT (HALOGEN LAMP) NARROW BEAM SPREAD

(R-3): RECESSED DOWNLIGHT W/ LENS (FLUORESCENT LAMP) -UL WET LABELED

MECHANICAL EXHAUST

MECHANICAL SUPPLY

DECORATIVE WALL SCONCE

FLUORESCENT LIGHT

GENERAL NOTES:

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN MILLWORK AND FINISH SPECIFICATIONS
2. SMOKE DETECTORS, SPRINKLERS, AND OTHER EMERGENCY DEVICES TO BELOCATED PER LOCAL CODE--INDICATED FOR INTENT ONLY.
3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
4. CONTROLS FOR USE BY GUESTS MUST BE MOUNTED AT BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS. OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. ACCESSIBLE CONTROLS SHALL COMPLY WITH THE **HADG**.
5. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
6. OBJECTS MOUNTED WITHIN THE CIRCULATION PATH IN ACCESSIBLE ROOMS BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL REFER TO **HADG** FOR FURTHER REQUIREMENTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

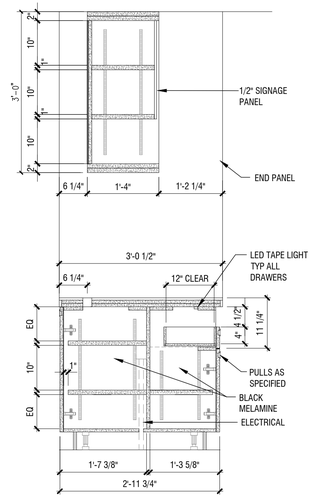
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATION - MEETING ROOM

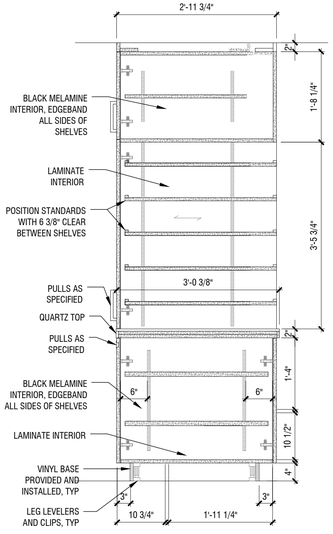
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

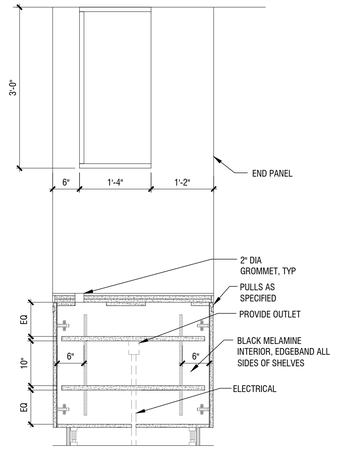
A4.63a



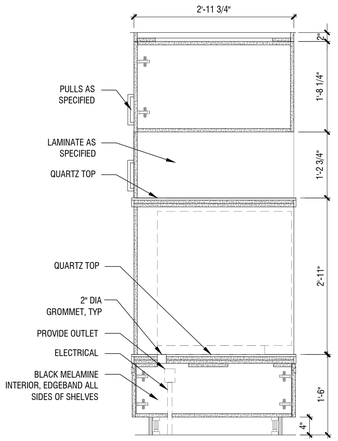
1K A4.70 **SECTION**
SCALE: 3/4" = 1'-0"



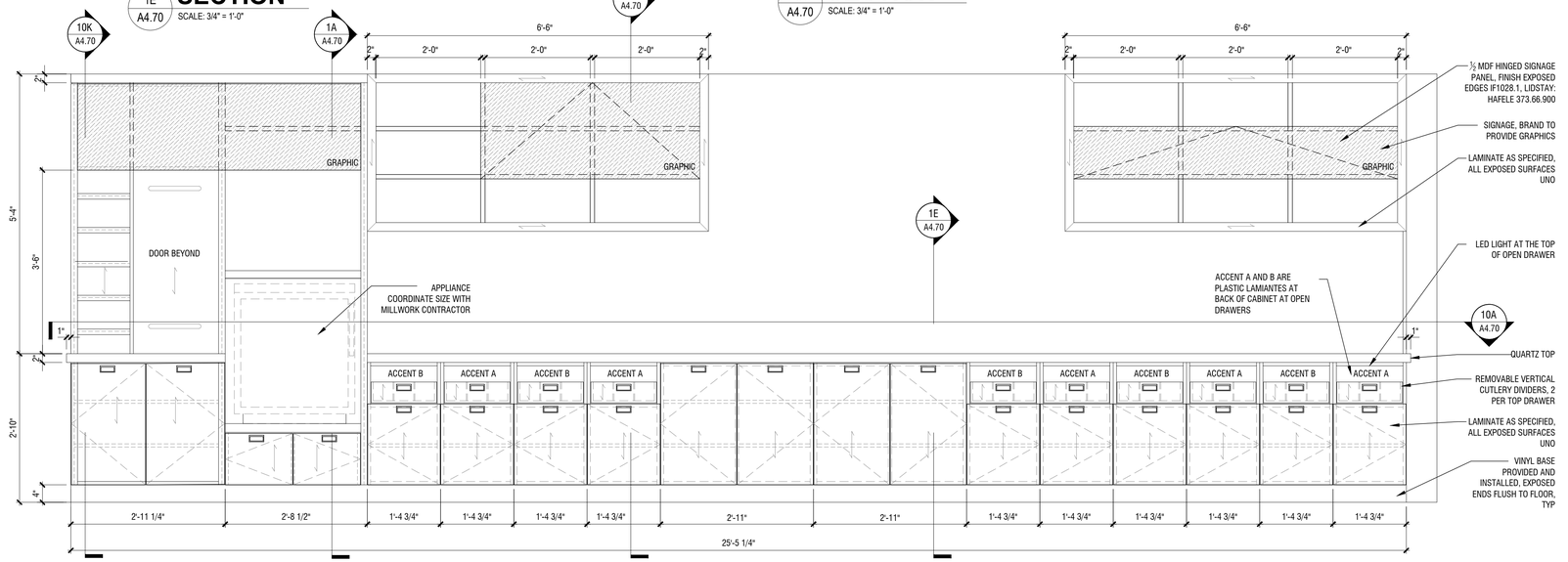
10K A4.70 **SECTION**
SCALE: 3/4" = 1'-0"



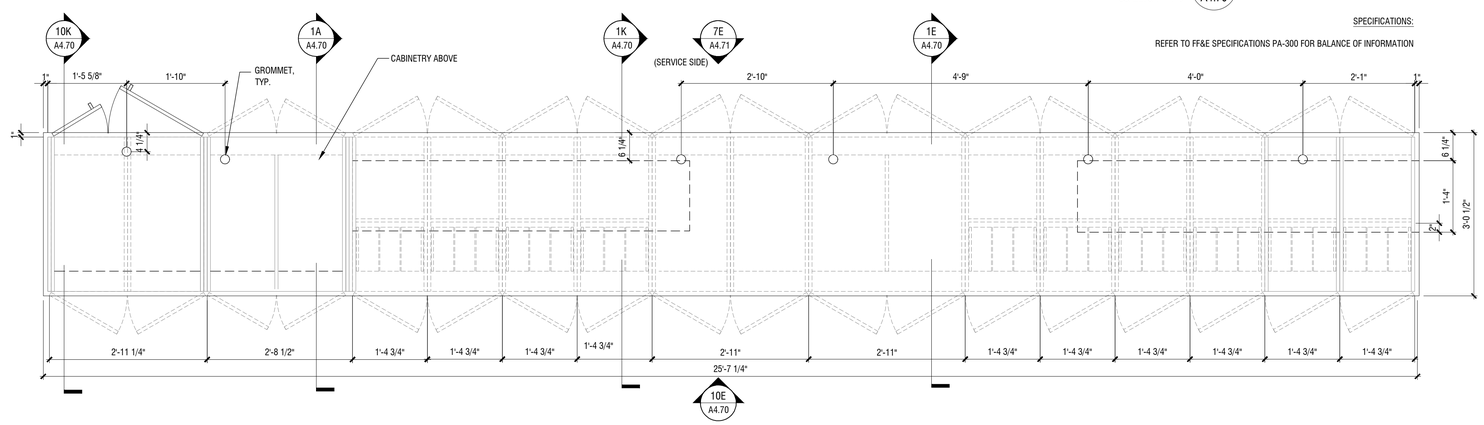
1E A4.70 **SECTION**
SCALE: 3/4" = 1'-0"



1A A4.70 **SECTION**
SCALE: 3/4" = 1'-0"



ELEVATION (GUEST SIDE) 10E A4.70
SCALE: 3/4" = 1'-0"



SPECIFICATIONS:

REFER TO FF&E SPECIFICATIONS PA-300 FOR BALANCE OF INFORMATION

10A A4.70 **PLAN - BREAKFAST SERVING COUNTER**
SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

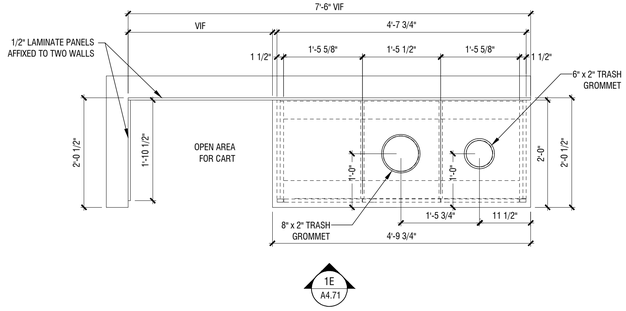
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: BREAKFAST SERVING COUNTER

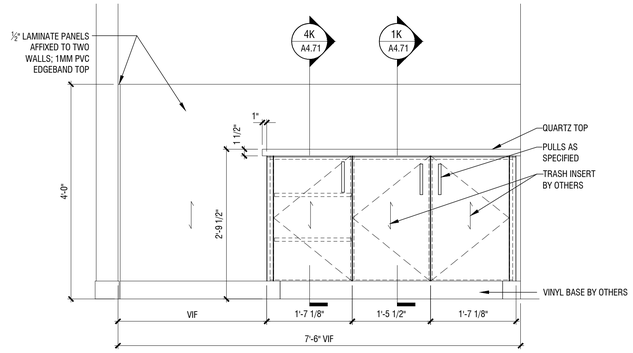
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.70



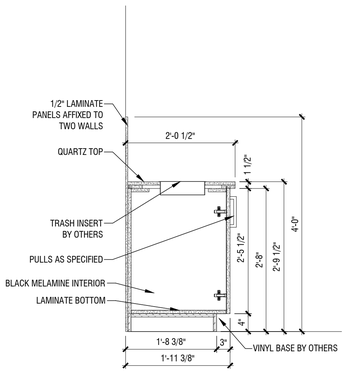
1A A4.71 PLAN - BUSSING STATION

SCALE: 3/4" = 1'-0"



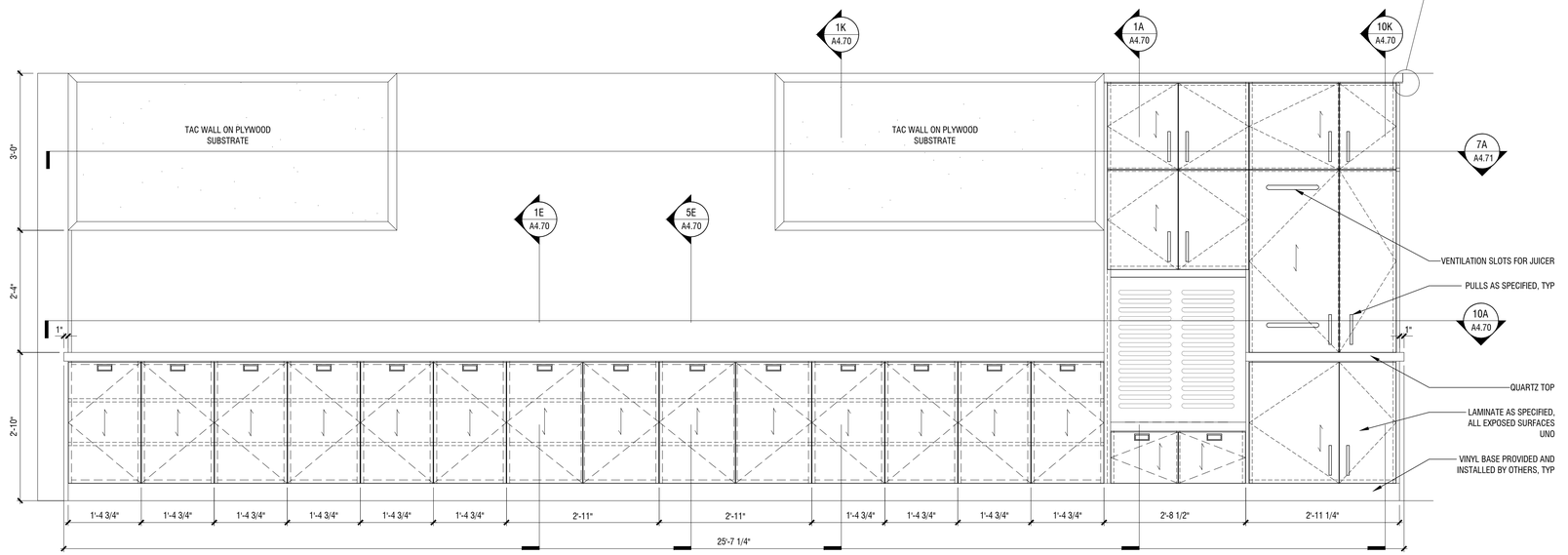
1E A4.71 ELEVATION - BUSSING STATION

SCALE: 3/4" = 1'-0"



1K A4.71 SECTION

SCALE: 3/4" = 1'-0"

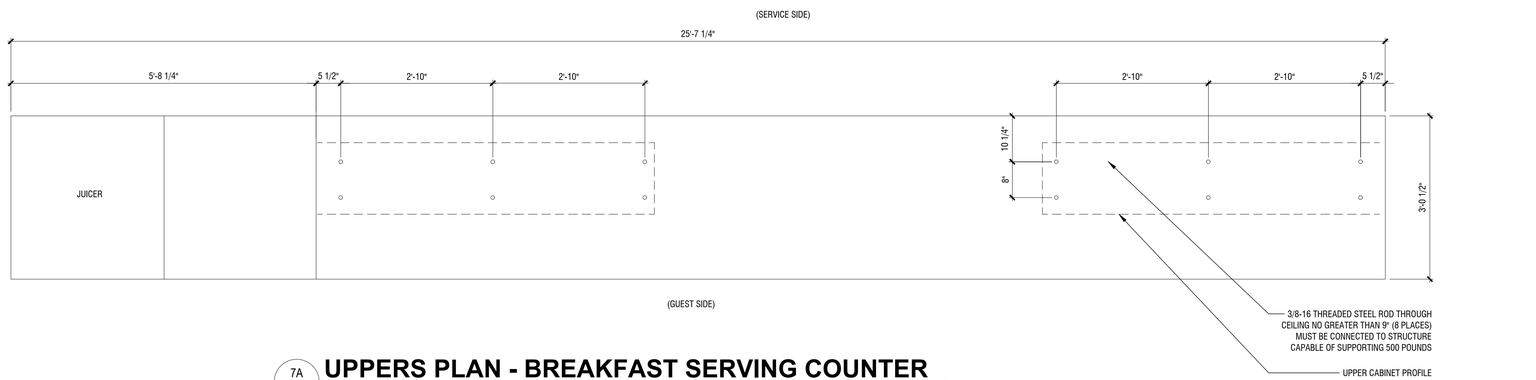


7E A4.71 ELEVATION (SERVICE SIDE)

SCALE: 3/4" = 1'-0"

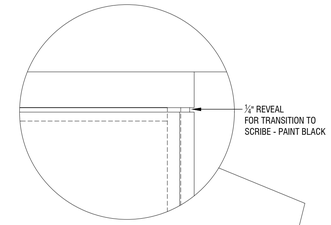
4K A4.71 SECTION

SCALE: 3/4" = 1'-0"



7A A4.71 UPPERS PLAN - BREAKFAST SERVING COUNTER

SCALE: 3/4" = 1'-0"



HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

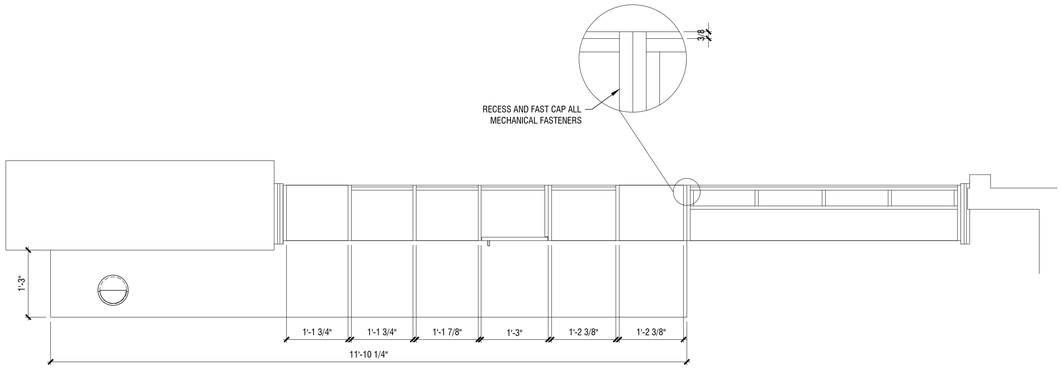
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

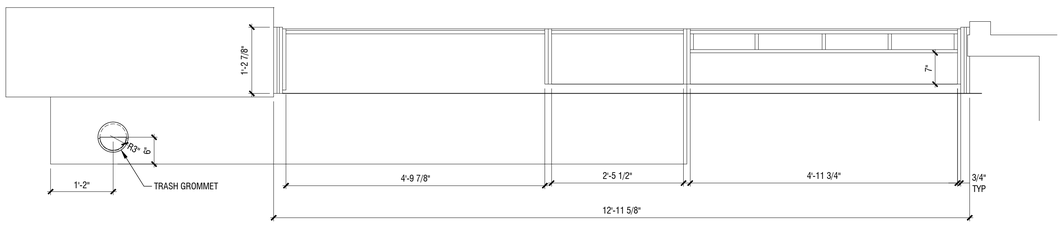
LAYOUT:
CASEWORK: BREAKFAST SERVING COUNTER AND BUSSING STATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

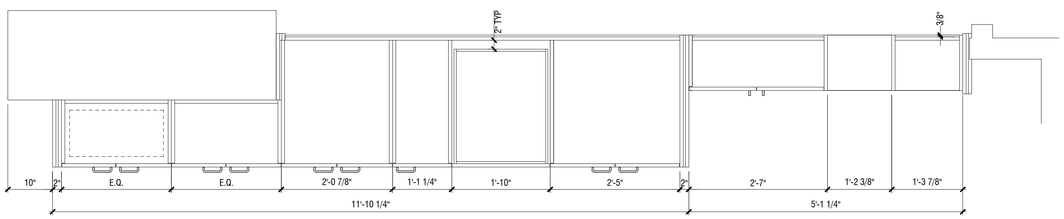
SHEET NUMBER:
A4.71



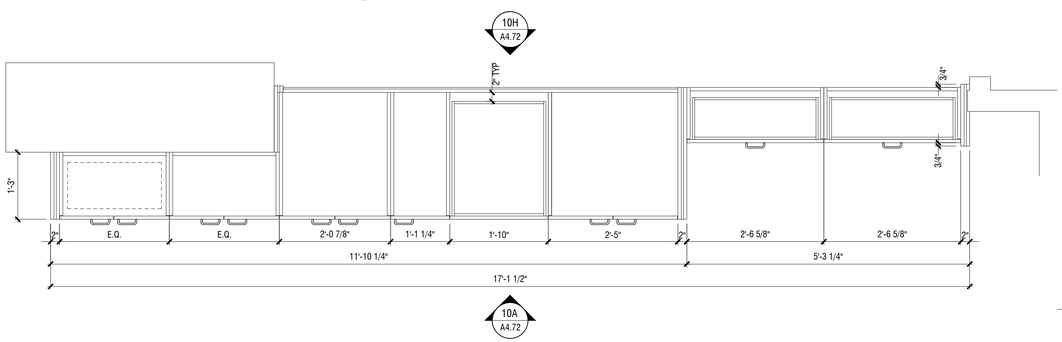
1L A4.72 **SECTION**
SCALE: 3/4" = 1'-0"



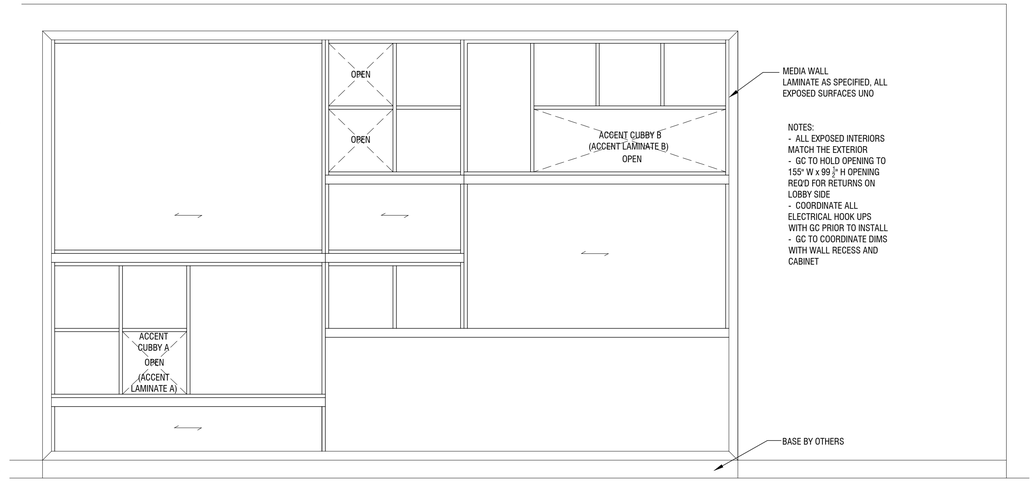
1H A4.72 **SECTION**
SCALE: 3/4" = 1'-0"



1E A4.72 **SECTION**
SCALE: 3/4" = 1'-0"



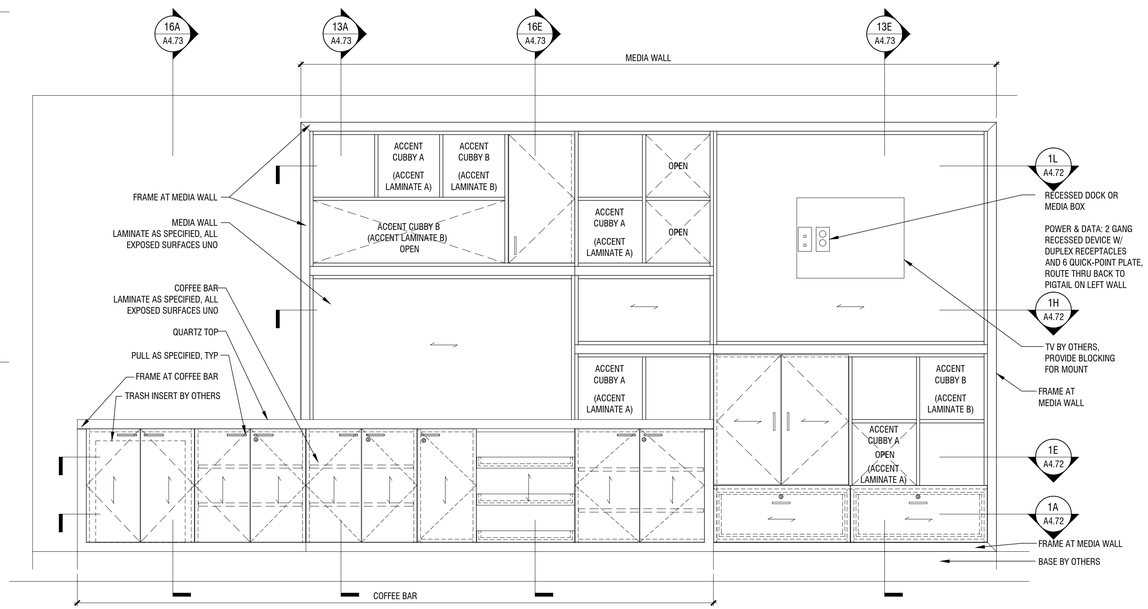
1A A4.72 **SECTION - MEDIA WALL AND COFFEE BAR**
SCALE: 3/4" = 1'-0"



10H A4.72 **REAR ELEVATION**
SCALE: 3/4" = 1'-0"

SPECIFICATIONS:

REFER TO FF&E SPECIFICATIONS PA-302 FOR BALANCE OF INFORMATION



10A A4.72 **FRONT ELEVATION - MEDIA WALL AND COFFEE BAR**
SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

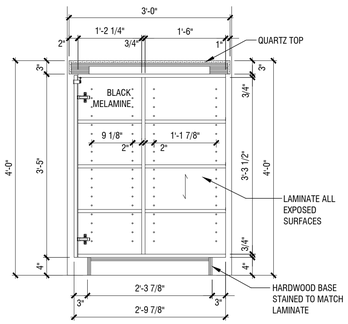
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: MEDIA WALL AND COFFEE BAR

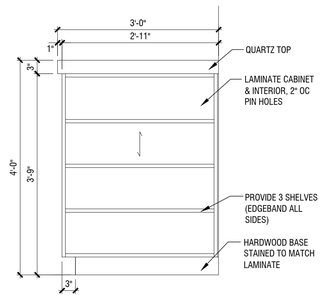
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

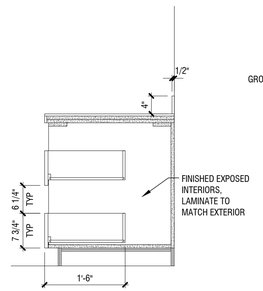
A4.72



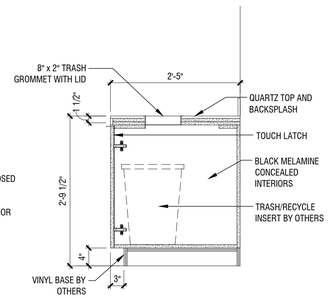
1K A4.73 **SECTION**
SCALE: 3/4" = 1'-0"



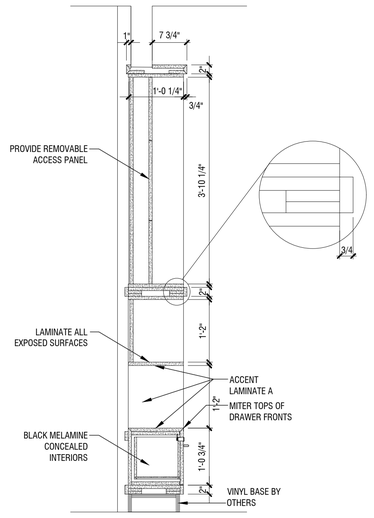
4K A4.73 **ELEVATION**
SCALE: 3/4" = 1'-0"



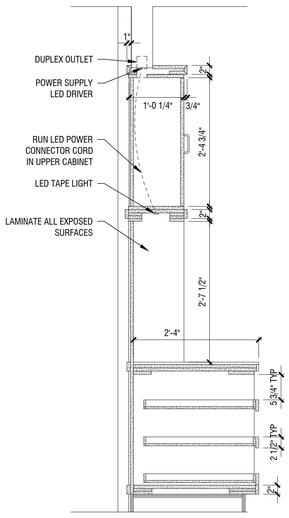
7K A4.73 **SECTION**
SCALE: 3/4" = 1'-0"



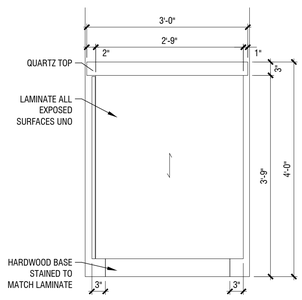
10K A4.73 **SECTION**
SCALE: 3/4" = 1'-0"



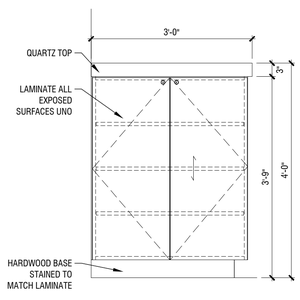
13E A4.73 **SECTION**
SCALE: 3/4" = 1'-0"



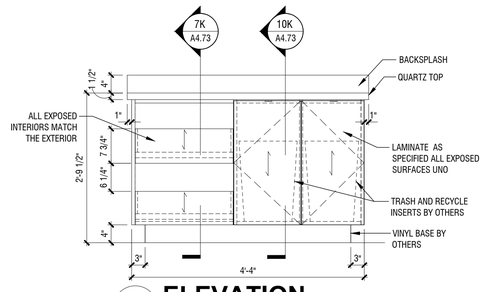
16E A4.73 **SECTION**
SCALE: 3/4" = 1'-0"



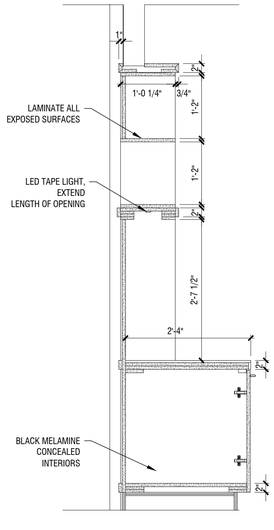
1E A4.73 **ELEVATION**
SCALE: 3/4" = 1'-0"



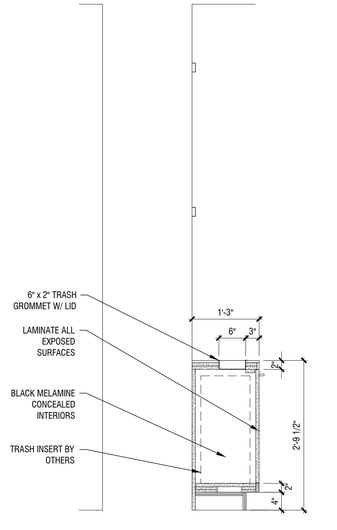
4E A4.73 **ELEVATION**
SCALE: 3/4" = 1'-0"



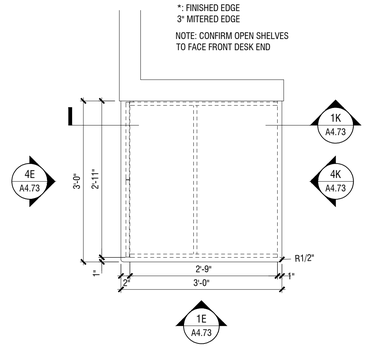
7E A4.73 **ELEVATION**
SCALE: 3/4" = 1'-0"



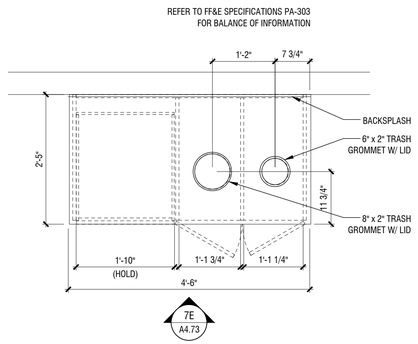
13A A4.73 **SECTION**
SCALE: 3/4" = 1'-0"



16A A4.73 **SECTION - MEDIA/COFFEE**
SCALE: 3/4" = 1'-0"



1A A4.73 **PLAN - HOME2 MARKET**
SCALE: 3/4" = 1'-0"



7A A4.73 **PLAN - DISH RECOVERY**
SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

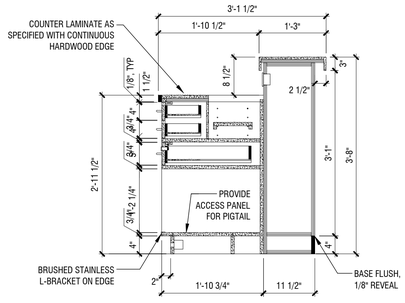
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: MEDIA WALL AND COFFEE BAR, DISH RECOVERY, AND HOME2 MARKET

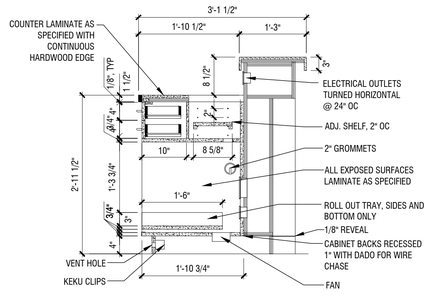
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.73



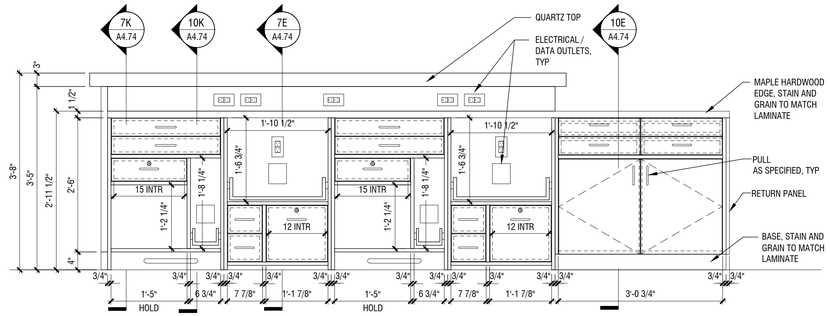
7K A4.74 **SECTION**

SCALE: 3/4" = 1'-0"



10K A4.74 **SECTION**

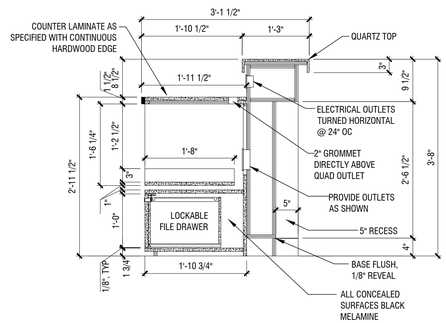
SCALE: 3/4" = 1'-0"



NOTE: ALL EXPOSED SURFACES ON EMPLOYEE SIDE LAMINATE AS SPECIFIED UNO

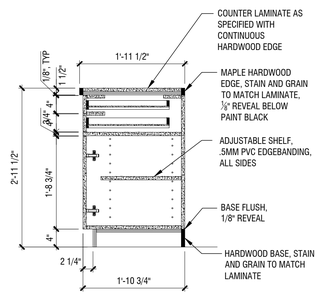
13K A4.74 **ELEVATION**

SCALE: 3/4" = 1'-0"



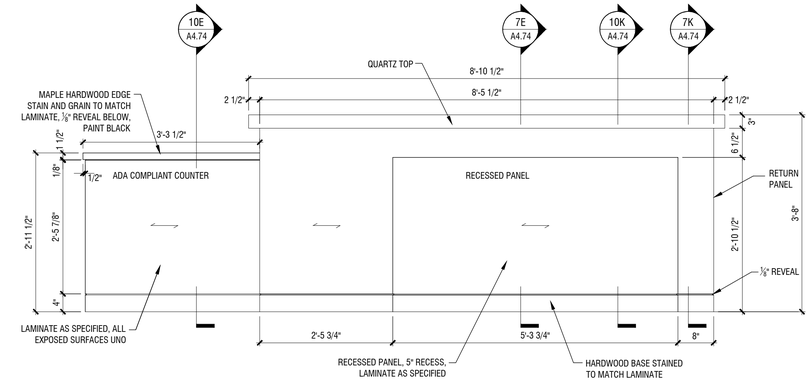
7E A4.74 **SECTION**

SCALE: 3/4" = 1'-0"



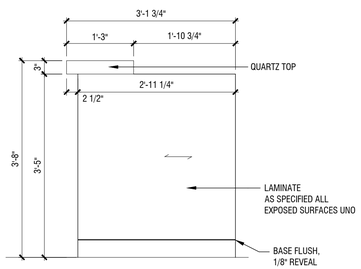
10E A4.74 **SECTION**

SCALE: 3/4" = 1'-0"



13E A4.74 **ELEVATION**

SCALE: 3/4" = 1'-0"



7A A4.74 **ELEVATION**

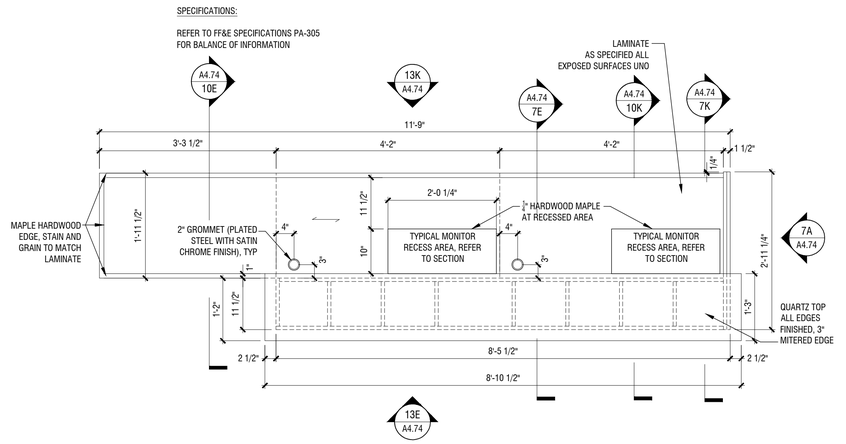
SCALE: 3/4" = 1'-0"

NOTES:

1. ALL TRASH RECEPTACLES, COMPUTER EQUIPMENT AND ELECTRICAL CONNECTIONS BY OTHERS
2. ALL EXPOSED CABINET SURFACES LAMINATE AS SPECIFIED, CONCEALED ARE BLACK MELAMINE
3. ALL DOORS AND DRAWERS HAVE LOCKS KEYED ALIKE - EXCEPT ALL CASH DRAWERS KEYED DIFFERENTLY.
4. ELECTRICAL IS RUN IN WALL CAVITY, PROVIDE ACCESS. EACH UNIT TO EASILY SLIDE INTO PLACE AFTER CONNECTIONS
5. PROVIDE PIGTAIL FOR FINAL ELECTRICAL HOOKUP. VERIFY LOCATION
6. DRAWER CONSTRUCTION:
LOCKED CASH DRAWERS - 15" CLEAR ON INSIDE
LOCKED FILE DRAWERS - 12" CLEAR ON INSIDE
7. MFR TO PROVIDE ALL ELECTRICAL DEVICES AND COORDINATE FINAL HOOKUP WITH GC
8. MC CABLE TO BE 84" EXCESS, FOR FIELD USE.

SPECIFICATIONS:

REFER TO FF&E SPECIFICATIONS PA-305 FOR BALANCE OF INFORMATION



13A A4.74 **PLAN - FRONT DESK**

SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 PH/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
— ATLANTA - CHARLOTTE —
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

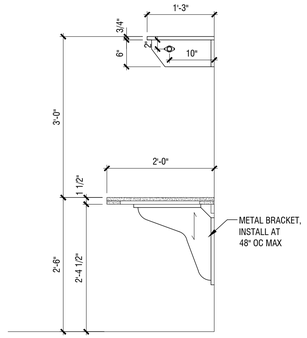
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: FRONT DESK

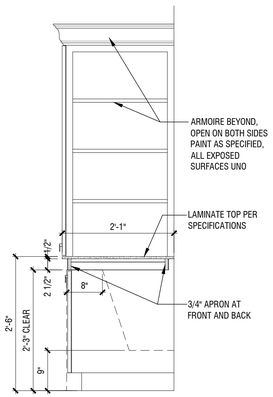
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

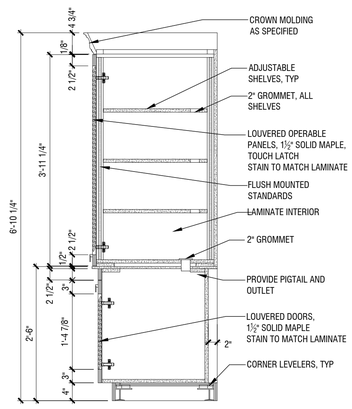
A4.74



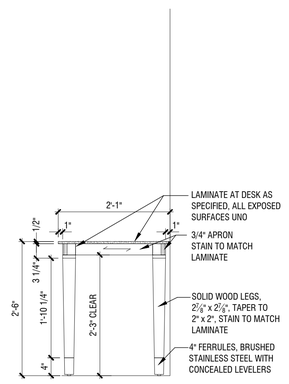
5K A4.75 **SECTION**
SCALE: 3/4" = 1'-0"



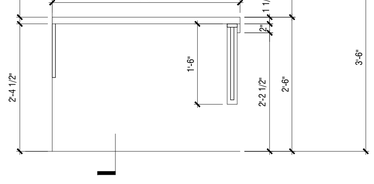
10K A4.75 **SECTION**
SCALE: 3/4" = 1'-0"



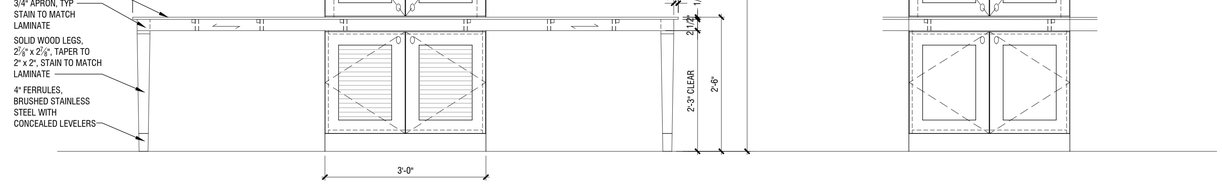
13K A4.75 **SECTION**
SCALE: 3/4" = 1'-0"



16K A4.75 **SECTION**
SCALE: 3/4" = 1'-0"



5E A4.75 **ELEVATION**
SCALE: 3/4" = 1'-0"



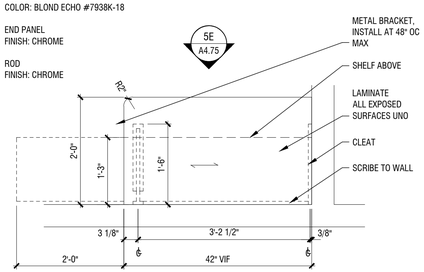
10E A4.75 **ELEVATION**
SCALE: 3/4" = 1'-0"

SPECIFICATIONS:

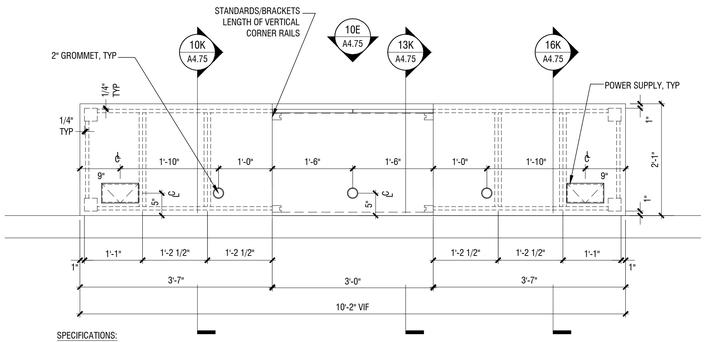
PLASTIC LAMINATE PL-16
MRF: WILSONART
COLOR: BLOND ECHO #7938K-18

END PANEL
FINISH: CHROME

ROD
FINISH: CHROME



5A A4.75 **PLAN - GUEST LAUNDRY**
SCALE: 3/4" = 1'-0"



SPECIFICATIONS:

REFER TO FF&E SPECIFICATIONS PA-306 FOR BALANCE OF INFORMATION

10A A4.75 **PLAN - BUSINESS CENTER**
SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

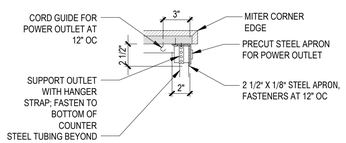
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: BUSINESS CENTER A, GUEST LAUNDRY, AND VANITY

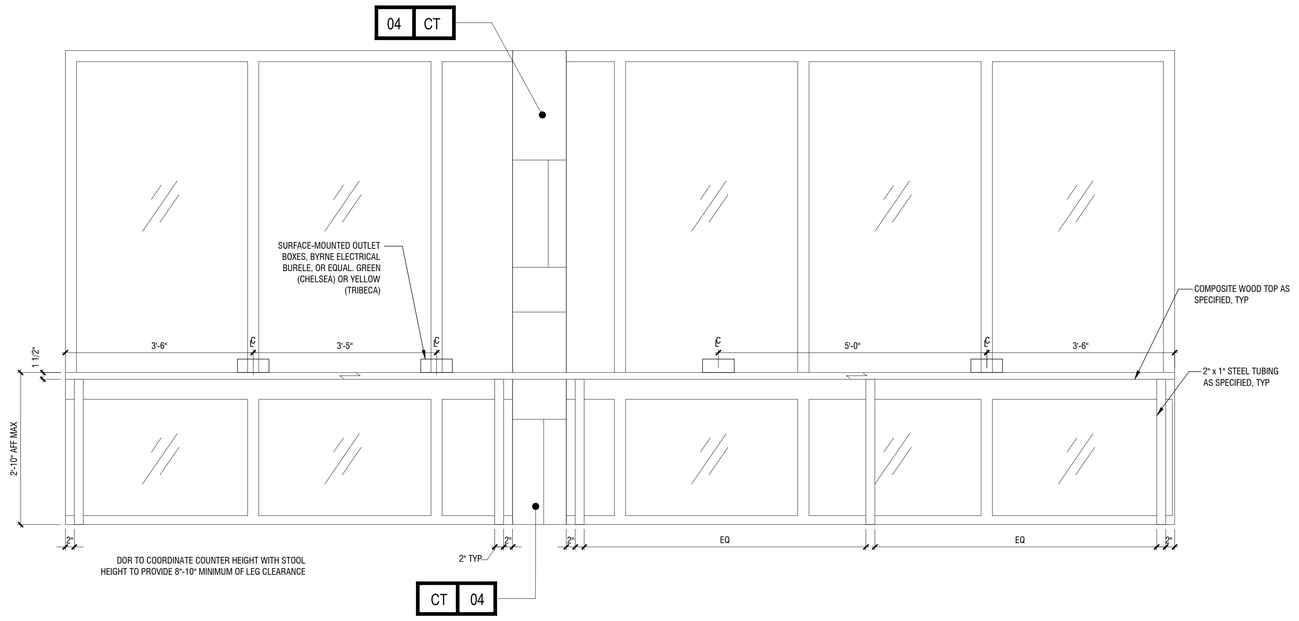
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.75



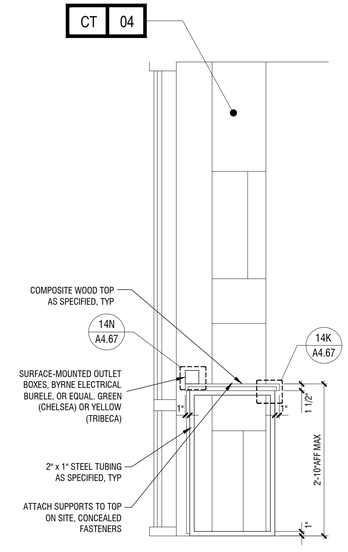
14K / A4.76 **PERCH DETAIL**

SCALE: 1-1/2" = 1'-0"



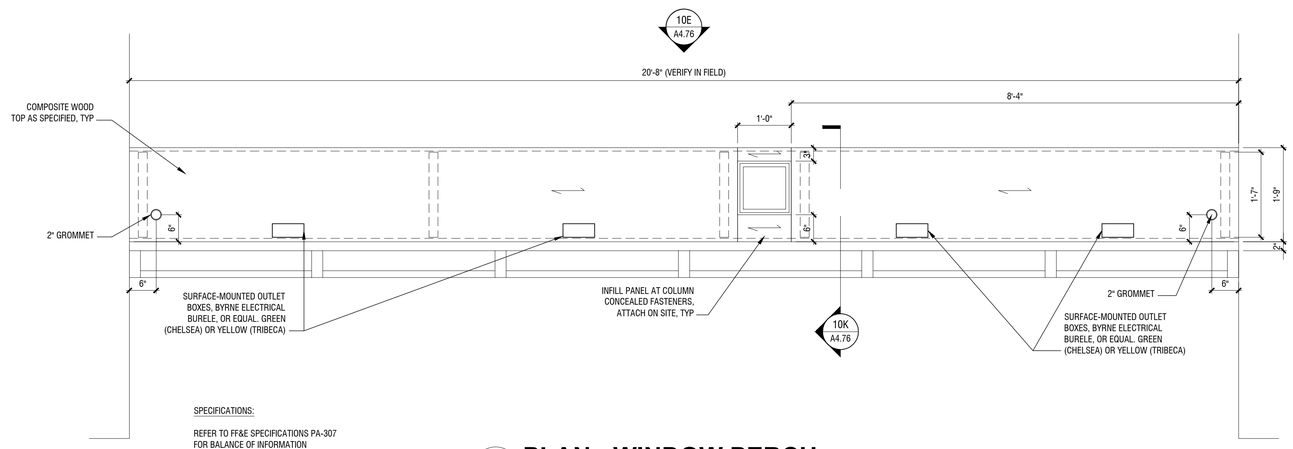
10E / A4.76 **ELEVATION - WINDOW PERCH**

SCALE: 3/4" = 1'-0"



10K / A4.76 **SECTION - WINDOW PERCH**

SCALE: 3/4" = 1'-0"



10A / A4.76 **PLAN - WINDOW PERCH**

SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

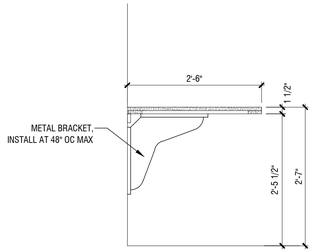
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: WINDOW PERCH AND PERCH

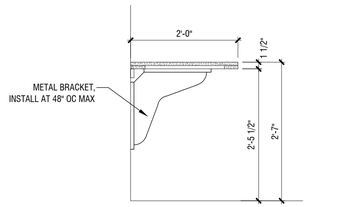
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

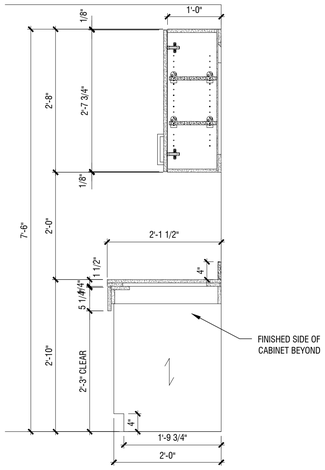
A4.76



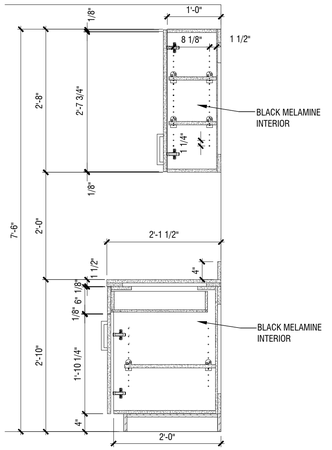
7K A4.77 **SECTION**
SCALE: 3/4" = 1'-0"



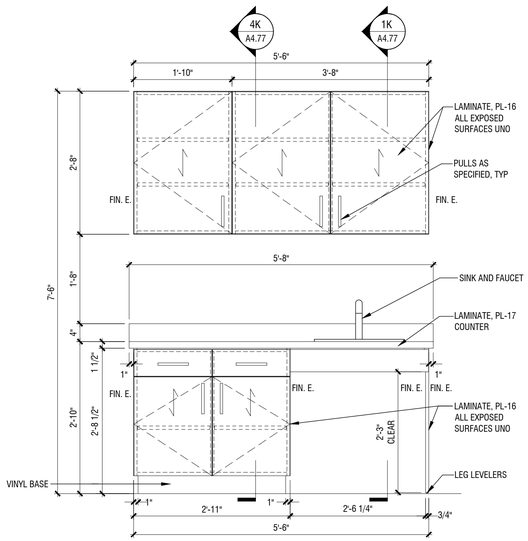
13K A4.77 **SECTION**
SCALE: 3/4" = 1'-0"



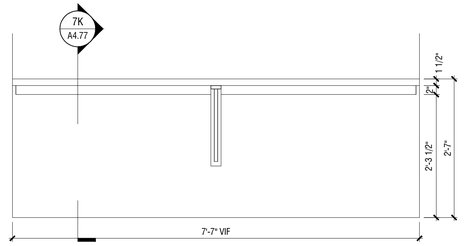
1K A4.77 **SECTION**
SCALE: 3/4" = 1'-0"



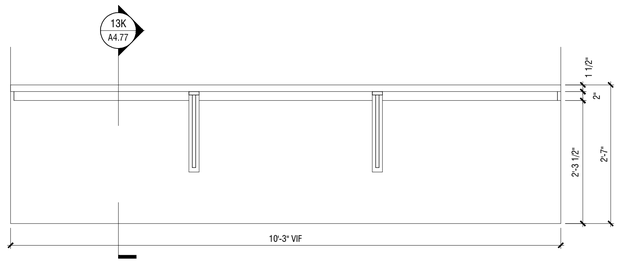
4K A4.77 **SECTION**
SCALE: 3/4" = 1'-0"



1E A4.77 **ELEVATION**
SCALE: 3/4" = 1'-0"



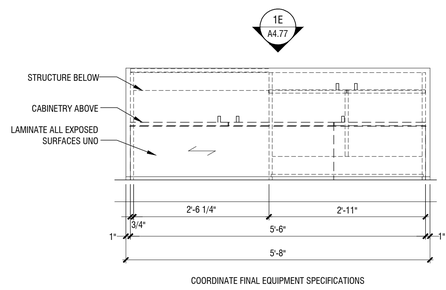
7E A4.77 **ELEVATION**
SCALE: 3/4" = 1'-0"



13E A4.77 **ELEVATION**
SCALE: 3/4" = 1'-0"

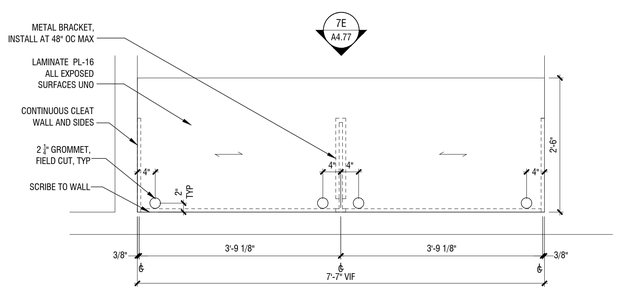
SPECIFICATIONS:

PULLS
MFR: BERENSON
STYLE: 6131-2SC-P

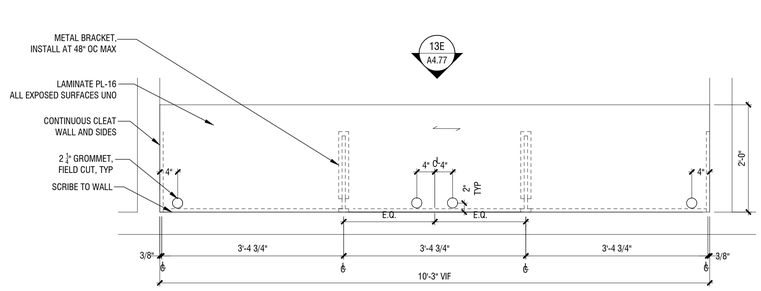


COORDINATE FINAL EQUIPMENT SPECIFICATIONS

1A A4.77 **PLAN - EMPLOYEE BREAK ROOM**
SCALE: 3/4" = 1'-0"



7A A4.77 **PLAN - MANAGER'S WORK SURFACE**
SCALE: 3/4" = 1'-0"



13A A4.77 **PLAN - WORK STATION**
SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

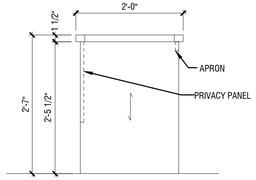
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: WORK STATION, MANAGER'S WORK SURFACE, AND EMPLOYEE BREAK ROOM

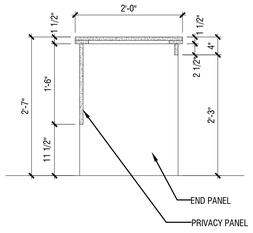
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

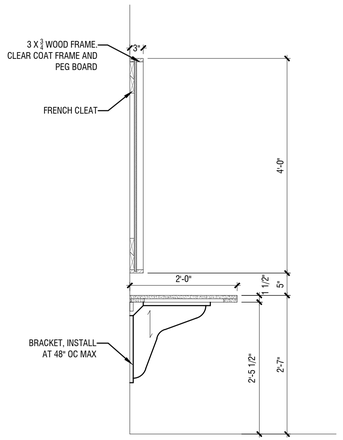
A4.77



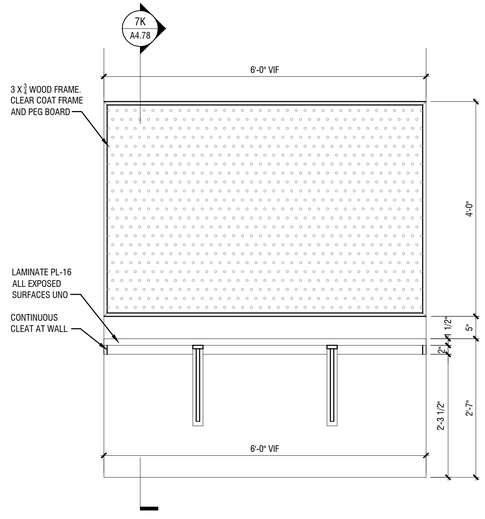
4K A4.78 **ELEVATION**
SCALE: 3/4" = 1'-0"



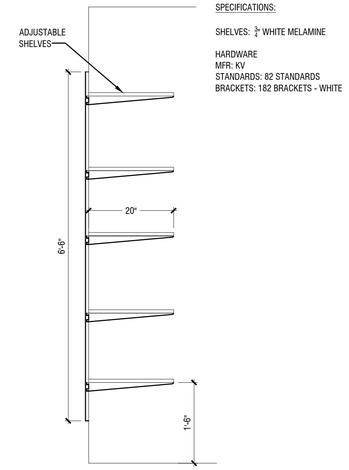
1K A4.78 **SECTION**
SCALE: 3/4" = 1'-0"



7K A4.78 **SECTION**
SCALE: 3/4" = 1'-0"



7E A4.78 **ELEVATION**
SCALE: 3/4" = 1'-0"

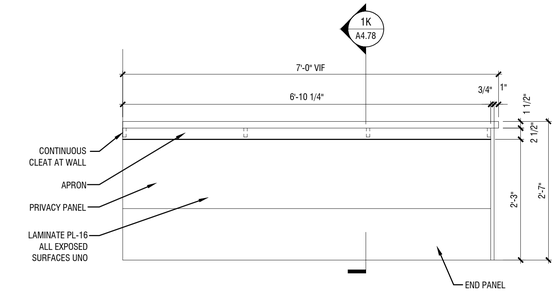


SPECIFICATIONS:

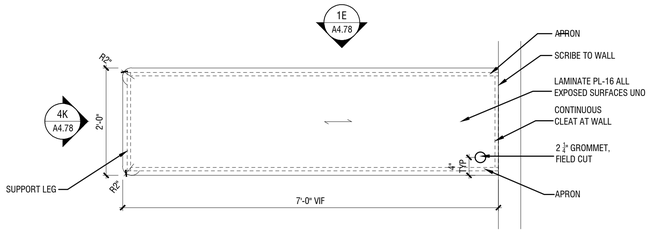
SHELVES: ¾" WHITE MELAMINE

HARDWARE
MFR: KV
STANDARDS: 82 STANDARDS
BRACKETS: 182 BRACKETS - WHITE

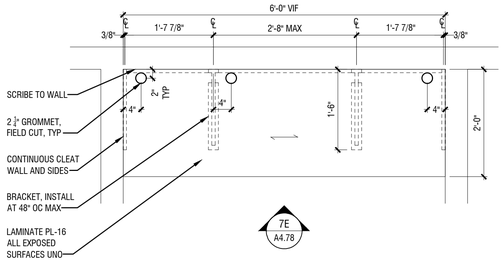
13E A4.78 **SECTION**
SCALE: 3/4" = 1'-0"



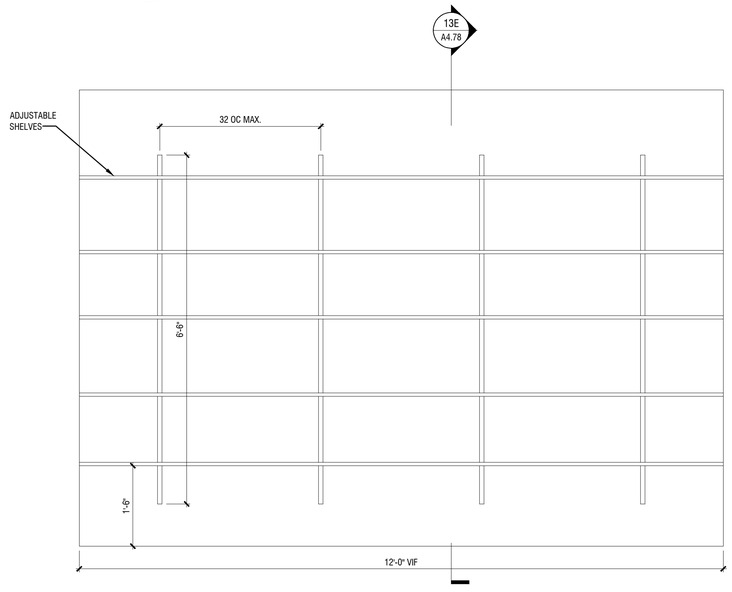
1E A4.78 **PLAN**
SCALE: 3/4" = 1'-0"



1A A4.78 **PLAN - SALES OFFICE**
SCALE: 3/4" = 1'-0"



7A A4.78 **PLAN - ENGINEER'S OFFICE**
SCALE: 3/4" = 1'-0"



13A A4.78 **ELEVATION - HOUSE LAUNDRY**
SCALE: 3/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

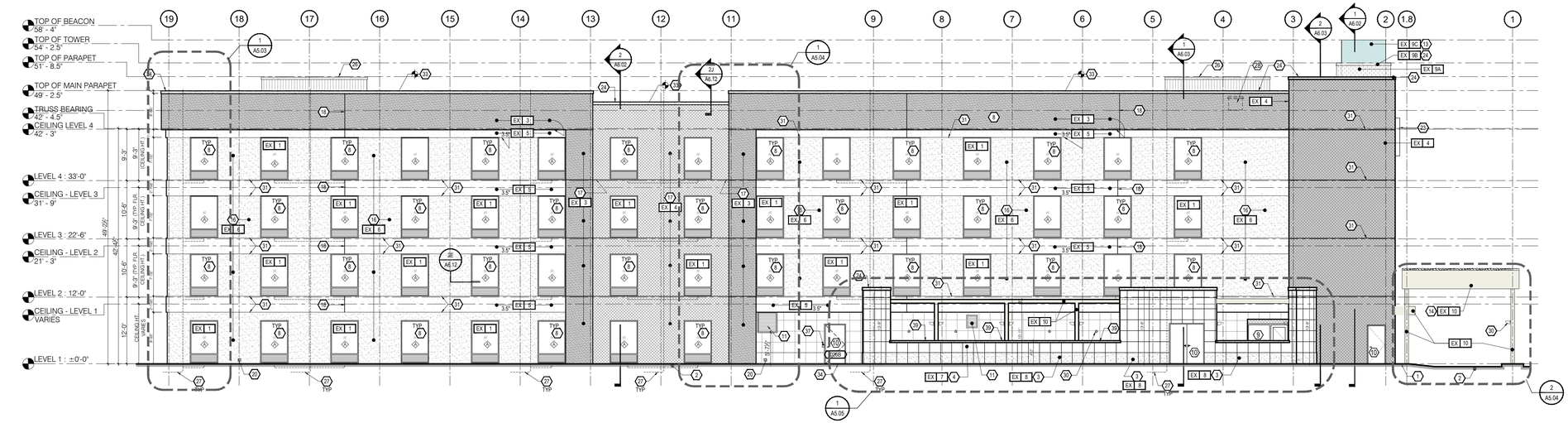
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
CASEWORK: HOUSE LAUNDRY, ENGINEER'S OFFICE, AND SALES OFFICE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A4.78



1 A5.01 **LEFT ELEVATION**
SCALE: 3/32" : 1'-0" WITH TRELLIS AT OUTDOOR POOL



2 A5.01 **RIGHT ELEVATION**
SCALE: 3/32" : 1'-0" WITH ENTRANCE CANOPY & TRELLIS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE EVERY TRADE FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF COORDINATION AND NON REVIEW OF OTHER TRADES. IF ANY INFORMATION IS MISSING ON THE DRAWINGS, GC AND SUBS SHOULD CONTACT DESIGN TEAM FOR CLARIFICATIONS BEFORE PROCEEDING WITH FURTHER WORK ON SITE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

GENERAL NOTES - ELEVATION

1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS; BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

NOTES:

1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.)
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH "**NO**" ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 – ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 – NOT USED
- EX 3 – ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 – ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 – ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 – ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 – ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 – ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 – BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A – REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B – BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C – GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 – ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS: WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

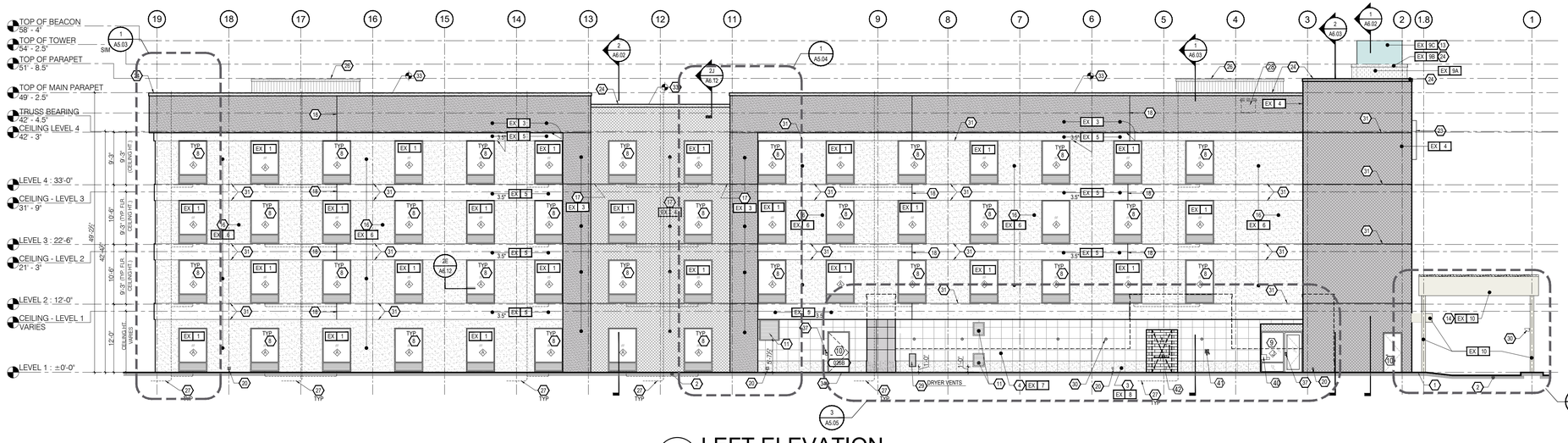
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING ELEVATION

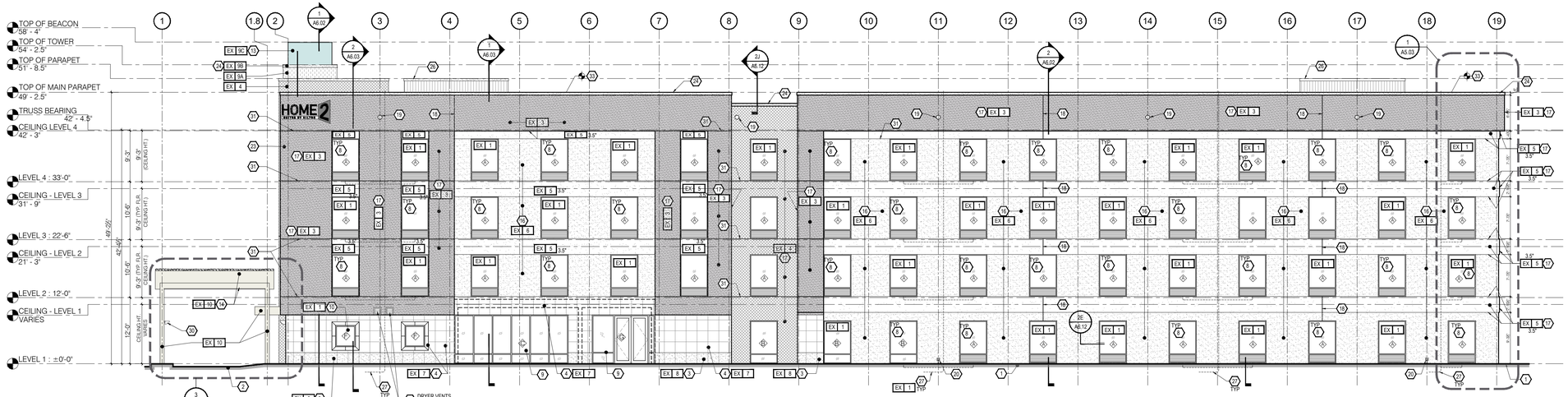
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A5.01



1 A5.01a **LEFT ELEVATION**

SCALE: 3/32" : 1'-0" W/O TRELLIS AT OUTDOOR POOL



2 A5.01a **RIGHT ELEVATION**

SCALE: 3/32" : 1'-0" W/O ENTRANCE CANOPY & TRELLIS

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE EVERY TRADE FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF COORDINATION AND NON REVIEW OF OTHER TRADES. IF ANY INFORMATION IS MISSING ON THE DRAWINGS, GC AND SUBS SHOULD CONTACT DESIGN TEAM FOR CLARIFICATIONS BEFORE PROCEEDING WITH FURTHER WORK ON SITE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

GENERAL NOTES - ELEVATION

1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

NOTES:

1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" CAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH "**NO**" ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

EX 1	ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
EX 2	NOT USED
EX 3	ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
EX 4	ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
EX 5	ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
EX 6	ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
EX 7	ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
EX 8	ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROOKED FINISH
EX 9	BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
EX 9A	REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
EX 9B	BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
EX 9C	GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
EX 10	ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X — INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" — INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME 2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

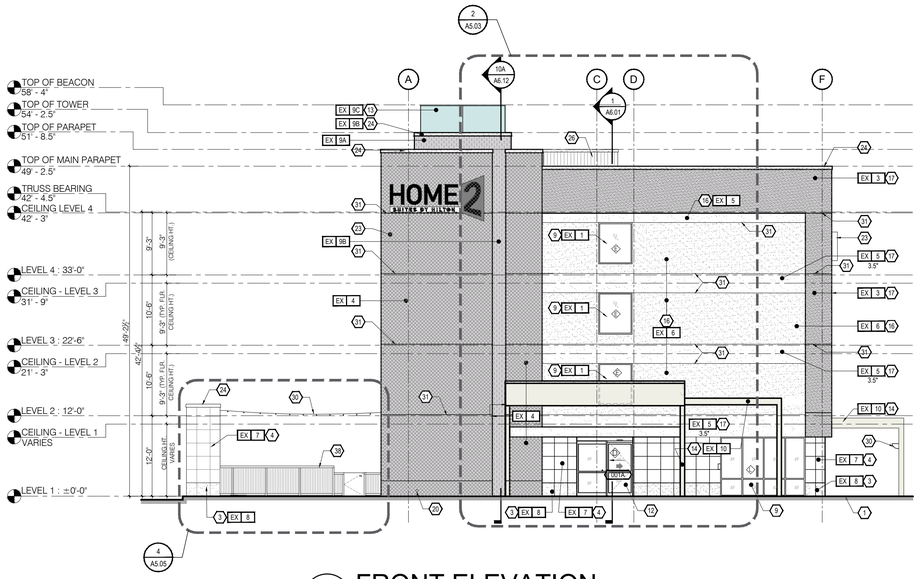
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING ELEVATION

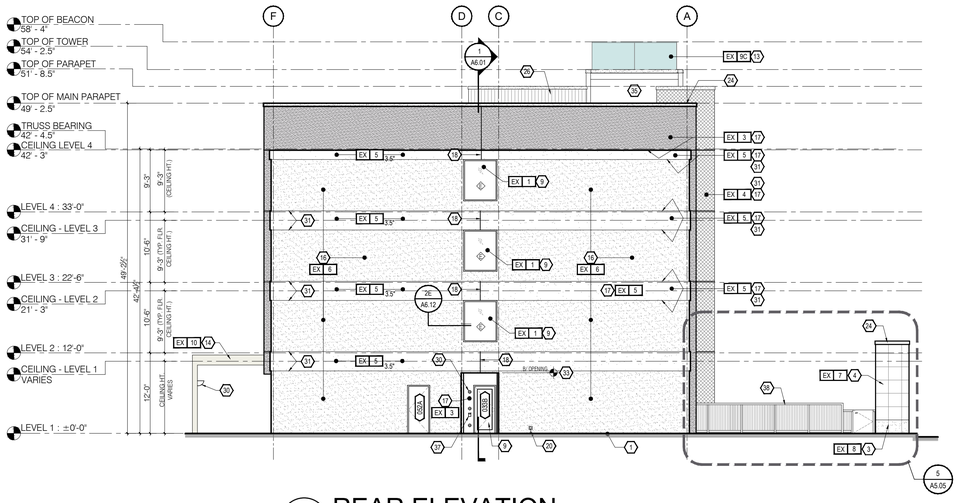
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A5.01a



1 A5.02 FRONT ELEVATION

SCALE: 3/32" : 1'-0"



2 A5.02 REAR ELEVATION

SCALE: 3/32" : 1'-0"

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

NOTES:

1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH "NO" ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

GENERAL NOTES - ELEVATION

1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE EVERY TRADE FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF COORDINATION AND NON REVIEW OF OTHER TRADES. IF ANY INFORMATION IS MISSING ON THE DRAWINGS, GC AND SUBS SHOULD CONTACT DESIGN TEAM FOR CLARIFICATIONS BEFORE PROCEEDING WITH FURTHER WORK ON SITE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 NOT USED
- EX 3 ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE.
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
Info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

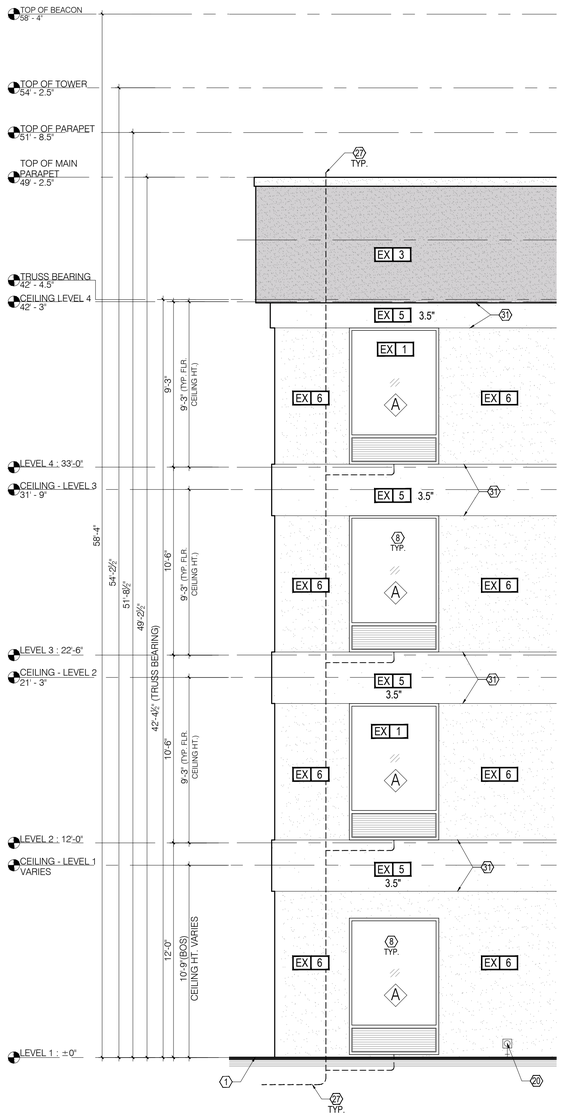
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING ELEVATION

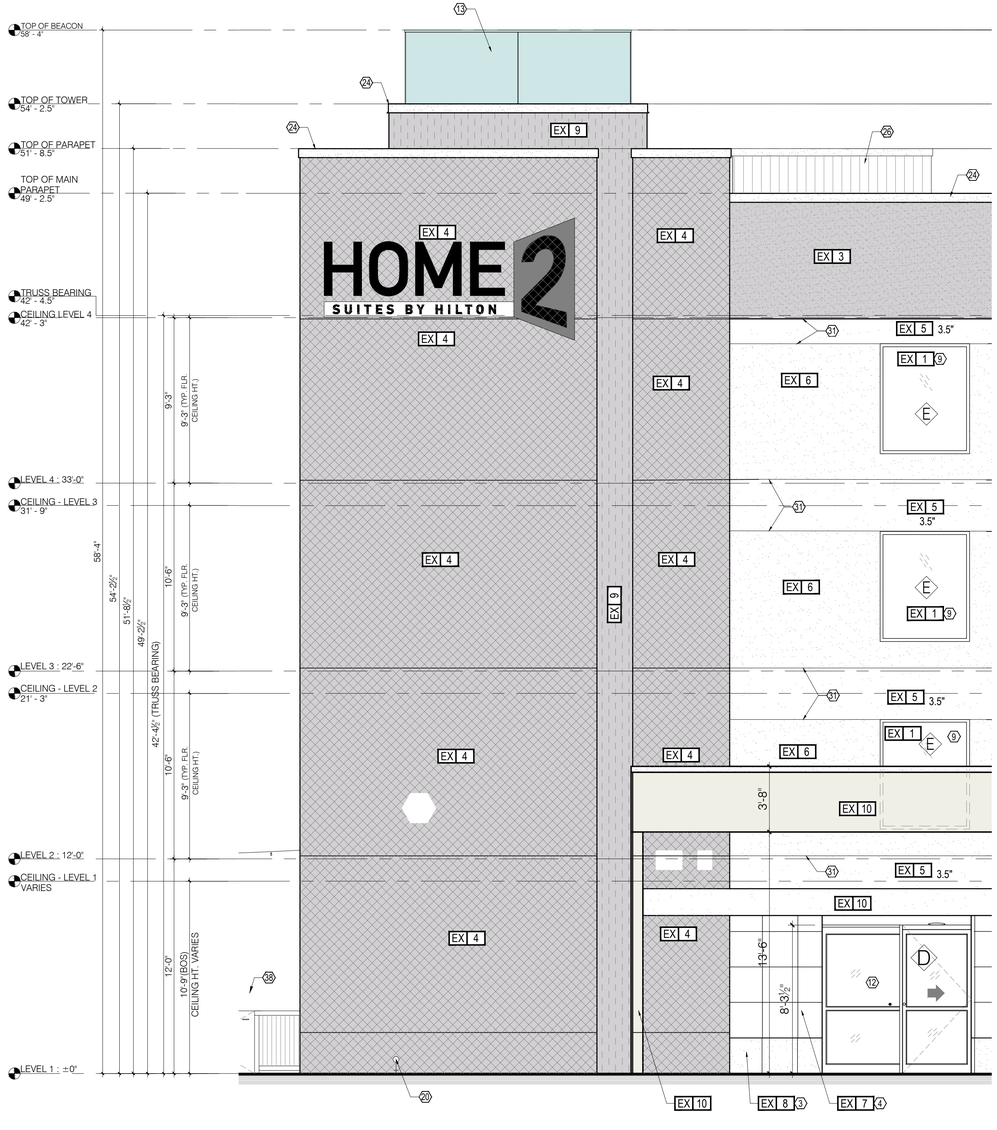
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A5.02



1 A5.03 ENLARGED ELEVATION

SCALE: 1/4" : 1'-0"



2 A5.03 ENLARGED ELEVATION

SCALE: 1/4" : 1'-0"

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE EVERY TRADE FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF COORDINATION AND NON REVIEW OF OTHER TRADES. IF ANY INFORMATION IS MISSING ON THE DRAWINGS, GC AND SUBS SHOULD CONTACT DESIGN TEAM FOR CLARIFICATIONS BEFORE PROCEEDING WITH FURTHER WORK ON SITE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

GENERAL NOTES - ELEVATION

1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER. CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

NOTES:

1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH **'NO'** ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY, USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6J/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 NOT USED
- EX 3 ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 BEAM: VERTICAL ELEMENT
  SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME 2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

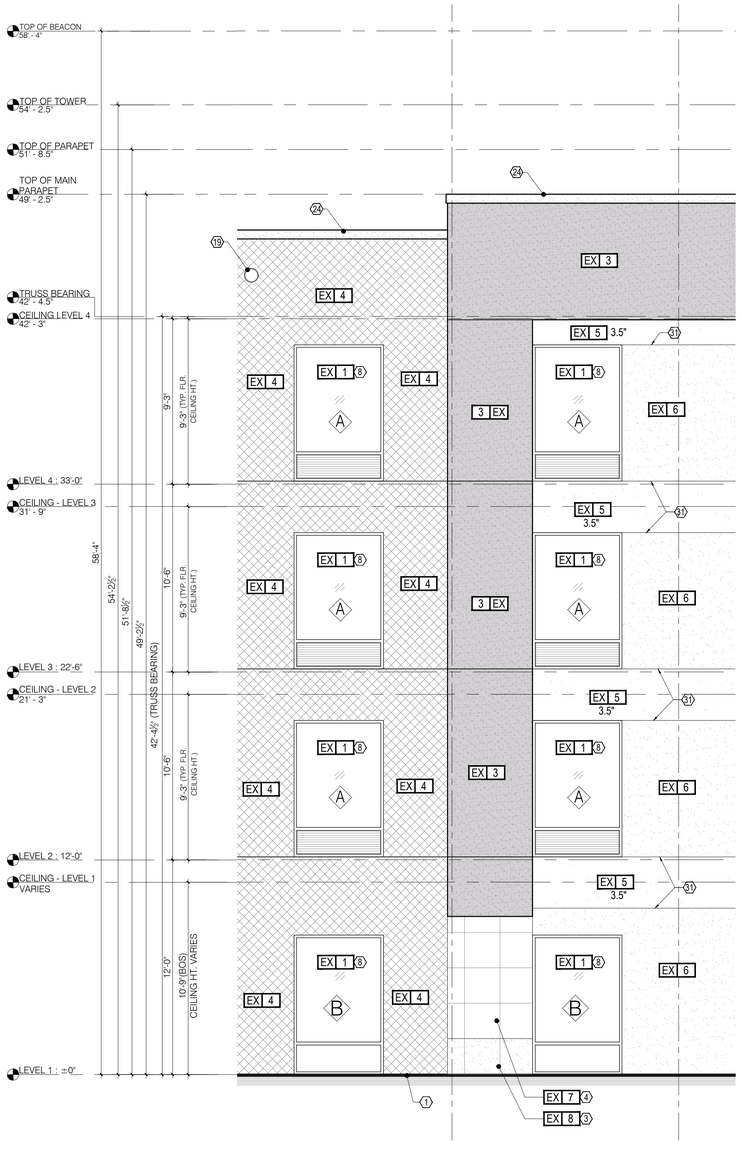
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

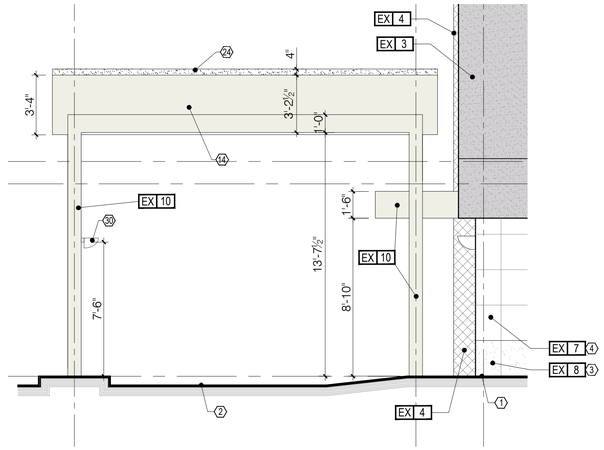
SHEET NUMBER:

A5.03



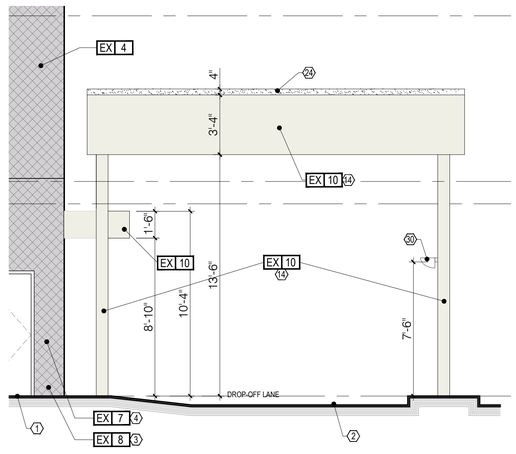
1 A5.04 **ENLARGED ELEVATION**

SCALE: 1/4" : 1'-0"



2 A5.04 **ENLARGED ELEVATION**

SCALE: 1/4" : 1'-0" AT FRONT CANOPY



3 A5.04 **ENLARGED ELEVATION**

SCALE: 1/4" : 1'-0" AT FRONT CANOPY

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE EVERY TRADE FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF COORDINATION AND NON REVIEW OF OTHER TRADES. IF ANY INFORMATION IS MISSING ON THE DRAWINGS, GC AND SUBS SHOULD CONTACT DESIGN TEAM FOR CLARIFICATIONS BEFORE PROCEEDING WITH FURTHER WORK ON SITE.

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

GENERAL NOTES - ELEVATION

1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

NOTES:

1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" CAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH "NO" ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6J/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 – ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 – NOT USED
- EX 3 – ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 – ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 – ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 – ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 – ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 – ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 – BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A – REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B – BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C – GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 – ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

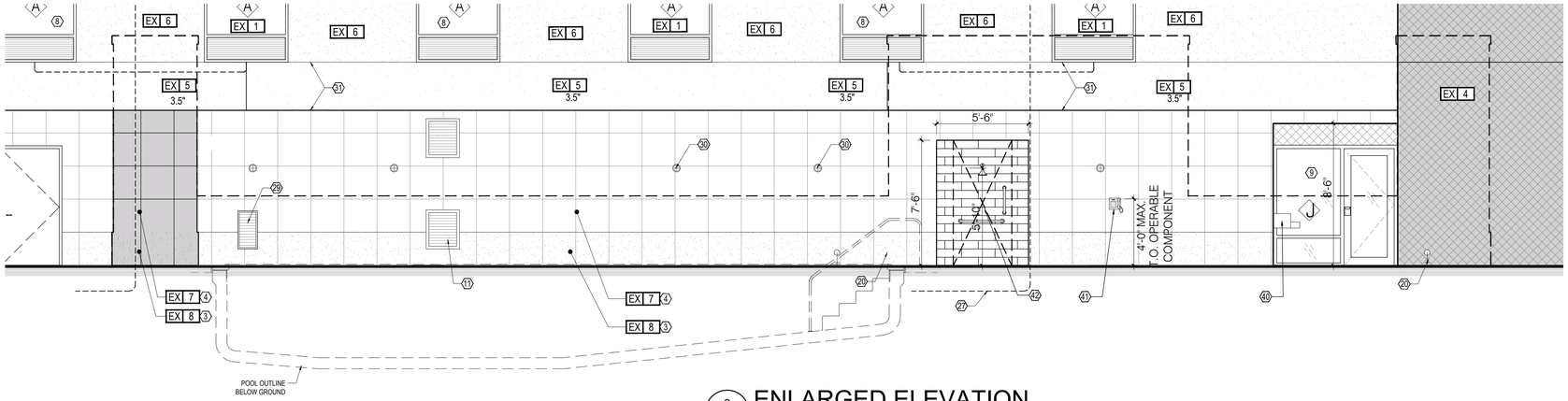
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

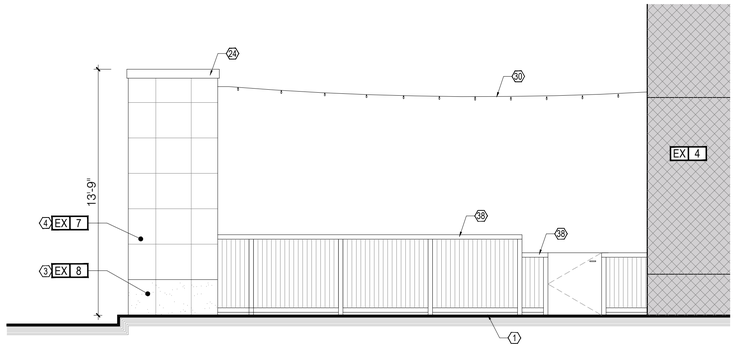
SHEET NUMBER:

A5.04



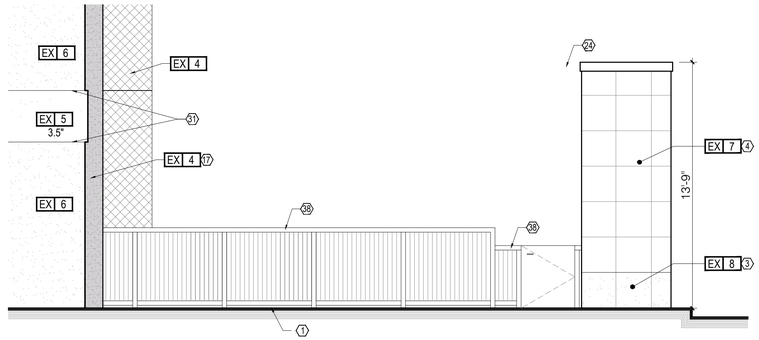
3 A5.05 ENLARGED ELEVATION

SCALE: 1/4" : 1'-0" — AT FRONT CANOPY



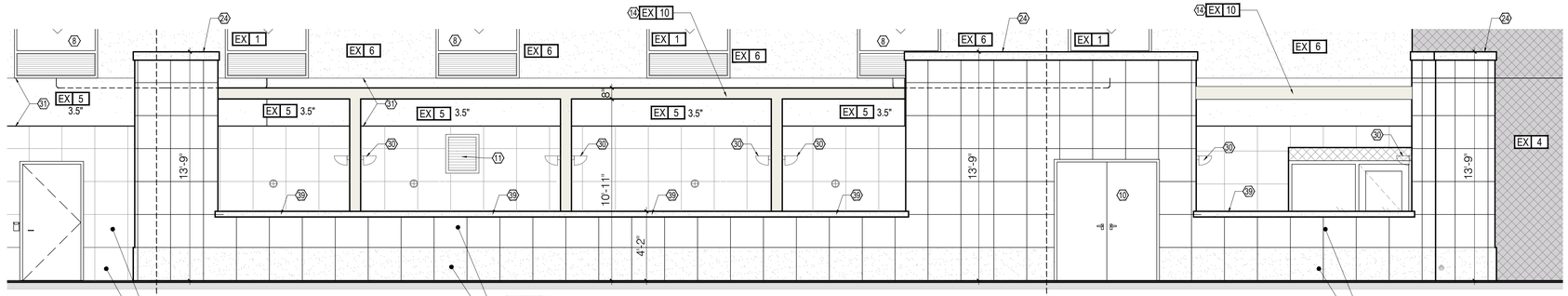
4 A5.05 ENLARGED ELEVATION

SCALE: 1/4" : 1'-0" — AT OUTDOOR POOL



5 A5.05 ENLARGED ELEVATION

SCALE: 1/4" : 1'-0" — AT OUTDOOR POOL



1 A5.05 ENLARGED ELEVATION

SCALE: 1/4" : 1'-0" — AT FRONT CANOPY

NOTES TO GC & ALL SUBS:
NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OR REVIEW OF ONLY A SINGLE TRADE'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE EVERY TRADE FOR ADDITIONAL INFORMATION, CLARIFICATION AND COORDINATION.

ALL SUBS SHOULD CROSS REFERENCE AND REVIEW EACH AND EVERY TRADE INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS FOR PRICING.

NO CHANGE ORDERS WILL BE ALLOWED DUE TO LACK OF COORDINATION AND NON REVIEW OF OTHER TRADES. IF ANY INFORMATION IS MISSING ON THE DRAWINGS, GC AND SUBS SHOULD CONTACT DESIGN TEAM FOR CLARIFICATIONS BEFORE PROCEEDING WITH FURTHER WORK ON SITE

PLAN NOTES:
THESE PLAN AND DETAILS ARE PREPARED USING THE REQUIRED GENERAL STANDARD OF CARE. PERFECTION IS NOT POSSIBLE. WHEN ERRORS OR DISCREPANCIES ARE NOTED PLEASE NOTIFY THE DESIGN TEAM FOR CLARIFICATION AS REQUIRED.

GENERAL NOTES - ELEVATION

1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

NOTES:

1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.)
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH "**NO**" ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6J/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 — ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 — NOT USED
- EX 3 — ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 — ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 — ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 — ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 — ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 — ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 — BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A — REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B — BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C — GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 — ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X — INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" — INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED ELEVATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A5.05

NOTES:

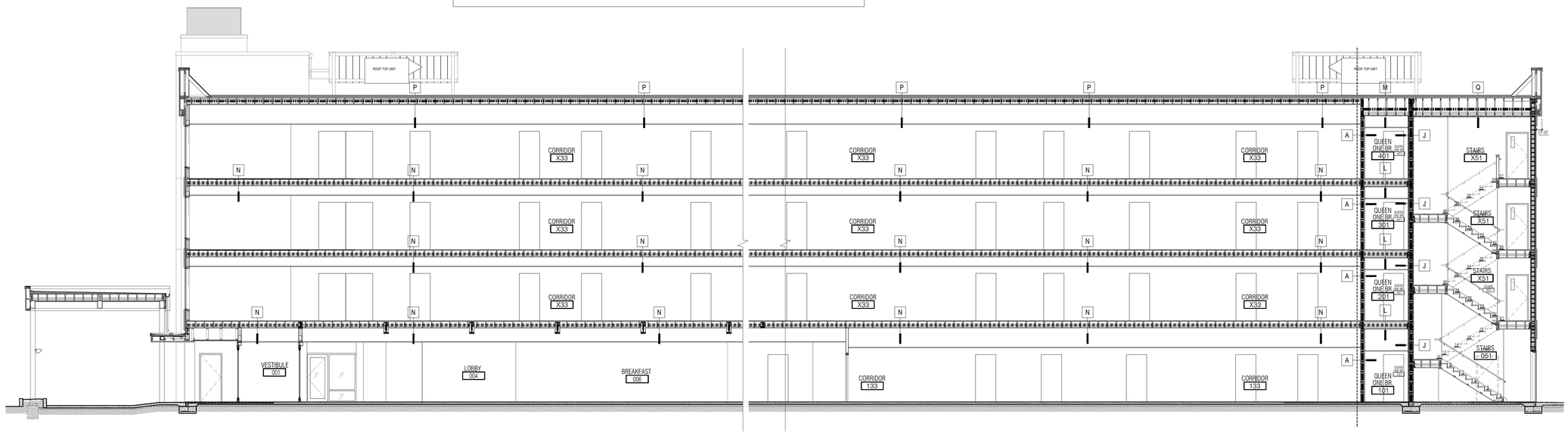
1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5° GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH **"NO"** ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

GENERAL NOTES - ELEVATION

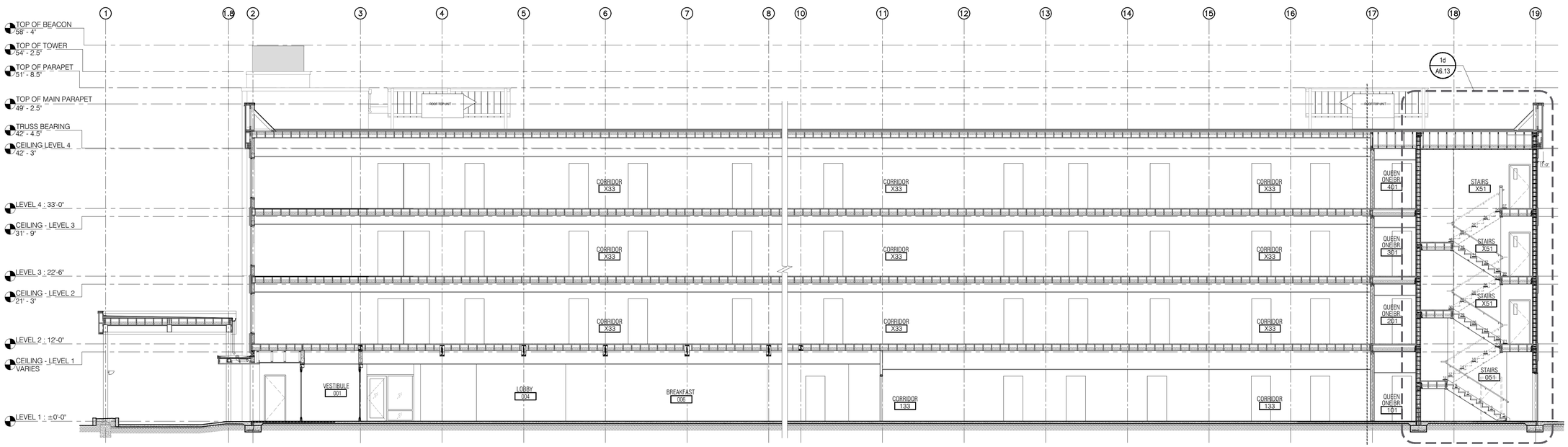
1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



1a / A6.01 LIFE SAFETY SECTION
SCALE: 1/8" : 1'-0"



1 / A6.01 BUILDING SECTION
SCALE: 1/8" : 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING SECTION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A6.01

GENERAL NOTES - ELEVATION

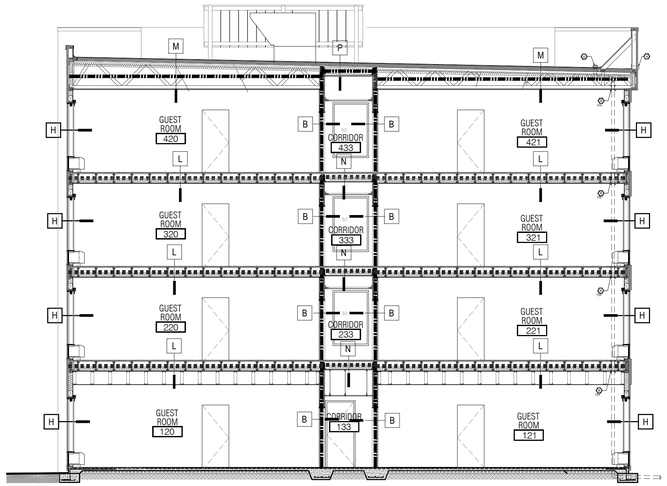
1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

NOTES:

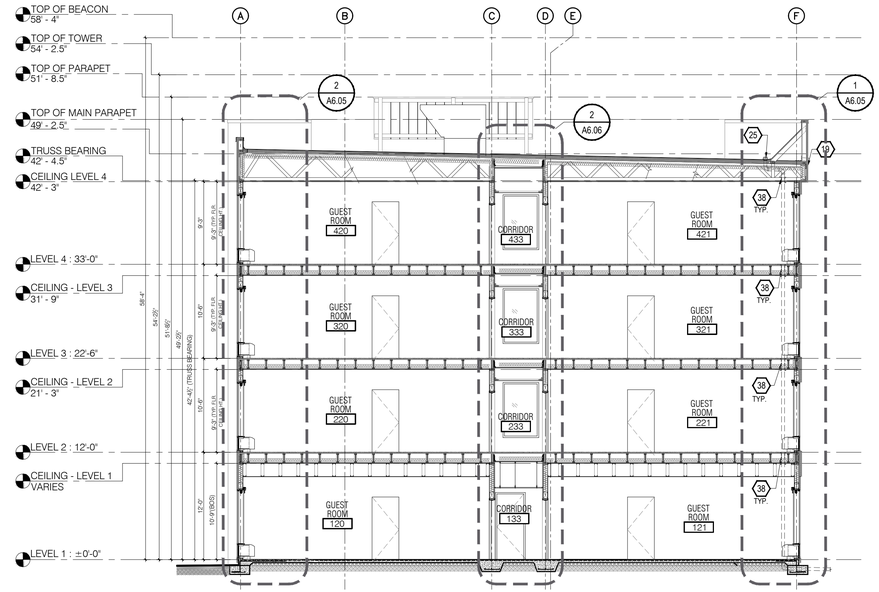
1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH **"NO"** ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

AIR & MOISTURE BARRIER NOTES:

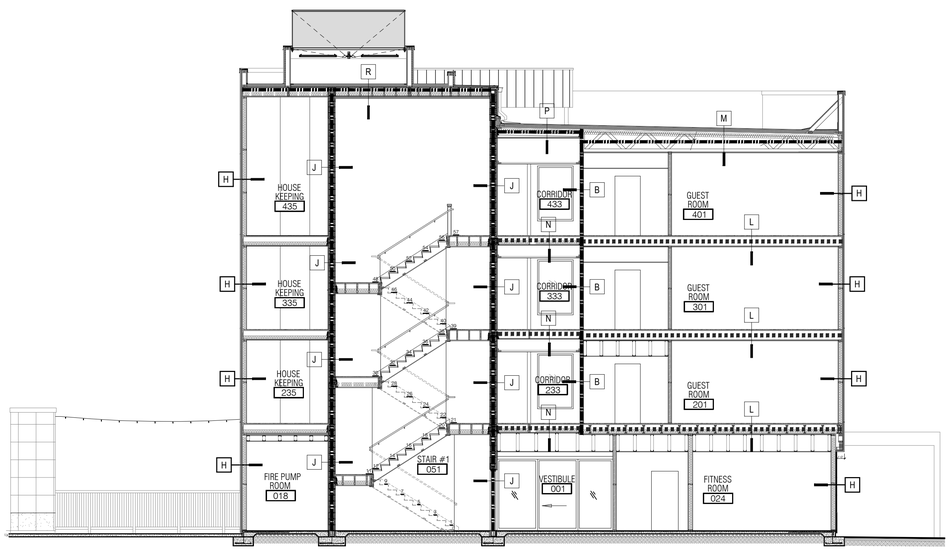
1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS. BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING.
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



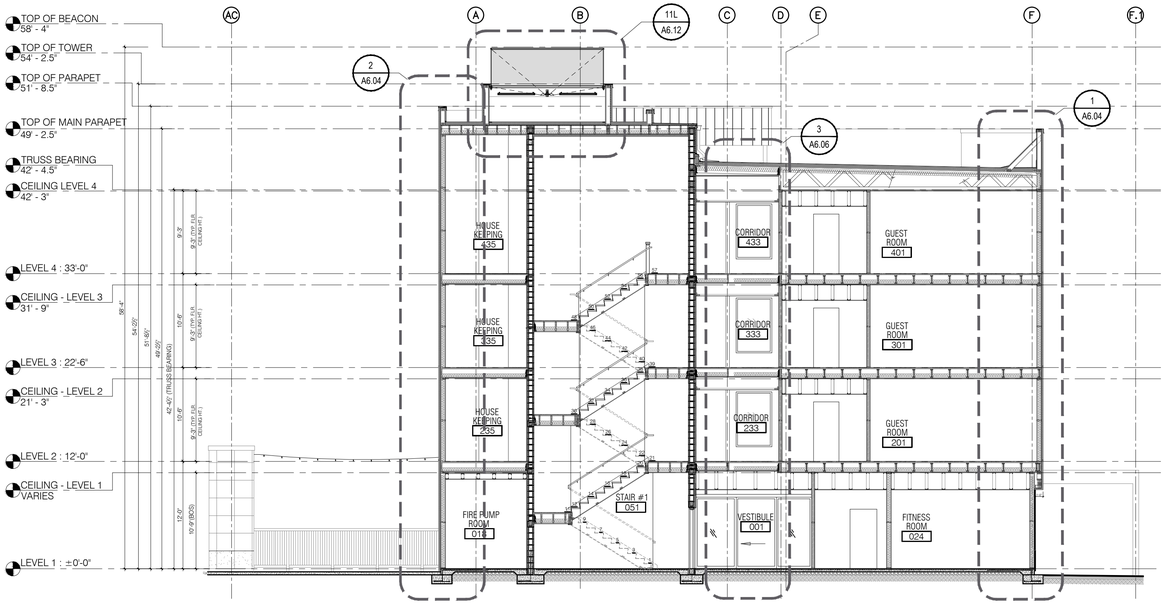
2a A6.02 LIFE SAFETY SECTION
SCALE: 1/8" : 1'-0"



2 A6.02 BUILDING SECTION
SCALE: 1/8" : 1'-0"



1a A6.02 LIFE SAFETY SECTION
SCALE: 1/8" : 1'-0"



1 A6.02 BUILDING SECTION
SCALE: 1/8" : 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING SECTION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A6.02

GENERAL NOTES - ELEVATION

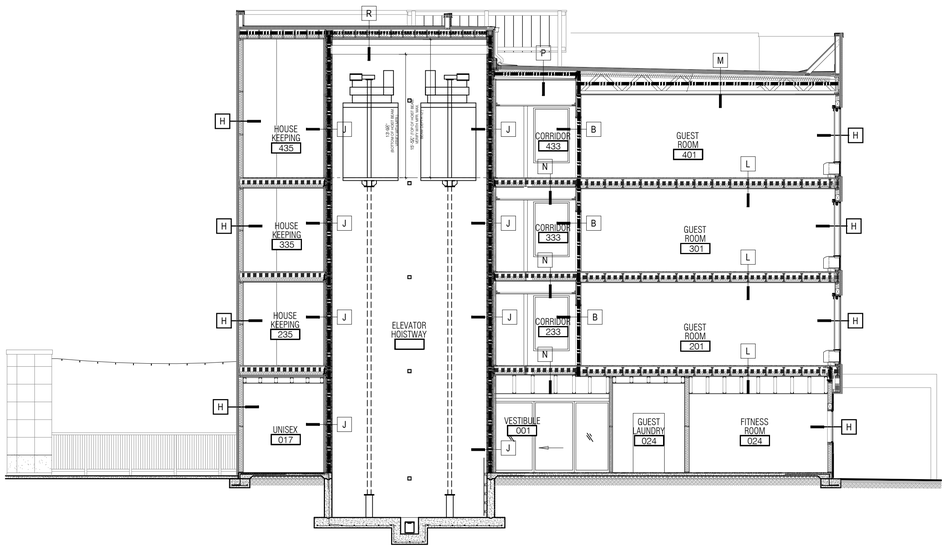
1. REFER TO ALL OTHER SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN CONSULTANT, ARCHITECT AND ENGINEERS FOR INSTRUCTIONS / CLARIFICATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE. DESIGN CONSULTANTS AND ARCHITECTS ARE TO BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. ALL WORK SHALL COMPLY TO THE INTERNATIONAL BUILDING CODE AND ALL ADOPTED SUB-CODES. DESIGN CONSULTANT AND ARCHITECTS ARE NOT RETAINED FOR ANY ON SITE SUPERVISION OR CONTRACT ADMINISTRATION. ALL WORK IS TO BE PERFORMED TO THE HIGHEST STANDARDS OF THE TRADES.
5. CONTRACTOR IS TO COMPLY TO ALL STATE AND LOCAL ORDINANCES.
6. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH THE STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CONSULTANTS. THE GENERAL CONTRACTOR TO SUBMIT A NEW LAYOUT IF IT BECOMES NECESSARY FOR APPROVAL.
7. SUPPORT ALL WORK AS NEW WORK PROGRESSES.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR IS TO PROVIDE ACCESS PANELS AS REQUIRED NEEDED OR DIRECTED BY DESIGN CONSULTANTS, ARCHITECT, ENGINEER, CONSTRUCTION OFFICIAL OR OWNER.
10. CONTRACTOR AND/ OR OWNER SHALL PROVIDE FOR THE SAFETY OF ALL JOB RELATED PERSONNEL AS WELL AS THE GENERAL PUBLIC.
11. CONTRACTOR SHALL PROVIDE A FULL SCALE MOCKUP WALL WITH MATERIAL AND COLORS AS SPECIFIED IN THE DRAWINGS FOR THE APPROVAL OF OWNER BEFORE FINALIZING THE INSTALLATION OF SAID MATERIAL TO BUILDING.

NOTES:

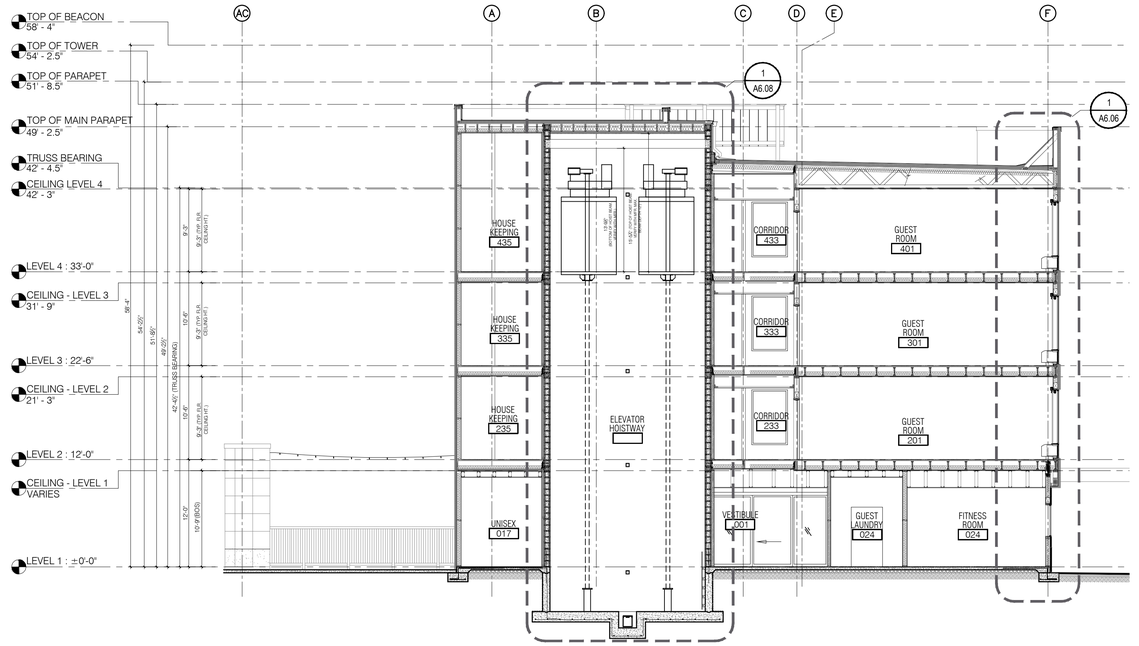
1. FOR FINISH FLOOR ELEVATIONS, REFER TO CIVIL PLANS AND DETAILS
2. ALL RAIN WATER PIPES SHOULD BE CONNECTED TO NEAREST STORM WATER SYSTEM PIPES OR STORM WATER MANHOLES
3. MIN. 1.5" GAP SHOULD BE MAINTAINED BETWEEN ALL MASONRY AND EXTERIOR SHEATHING
4. APPROVED EIFS SYSTEM PER HILTON SPECS. ALL EIFS SYSTEM TO BE INSTALLED WITH DRAINABLE EIFS SYSTEM
5. ANY LUMBER IN CONTACT WITH CONCRETE WOULD BE PRESSURE TREATED (P.T.).
6. PROVIDE FLASHING AND BACKER ROD WITH SEALANTS AS SHOWN AND AS REQUIRED. IF ANY PLACE DRAWING NOT SHOWN AND IS REQUIRED PER SITE CONDITIONS, CONTRACTOR WILL PROVIDE THEM WITH "NO" ADDITIONAL COST TO THE OWNER.
7. GROUND MOUNTED CONDENSING UNITS SHOULD BE SCREENED WITH MATERIAL AS REQUIRED AND APPROVED BY HILTON.
8. ALL UTILITY METERS (GAS, WATER AND ELECTRICAL METERS) SHOULD BE SCREENED IF REQUIRED BY CITY. USE MATERIAL AND FINISH AS APPROVED BY HILTON.
9. ALL LOUVERS AND WALL CAP SHOULD BE PAINTED TO MATCH ADJACENT WALL COLOR
10. ANY ITEMS/SYSTEM NOT SHOWN ON THE DRAWINGS THAT MAY BE REQUIRED DURING CONSTRUCTION WOULD BE PROVIDED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

AIR & MOISTURE BARRIER NOTES:

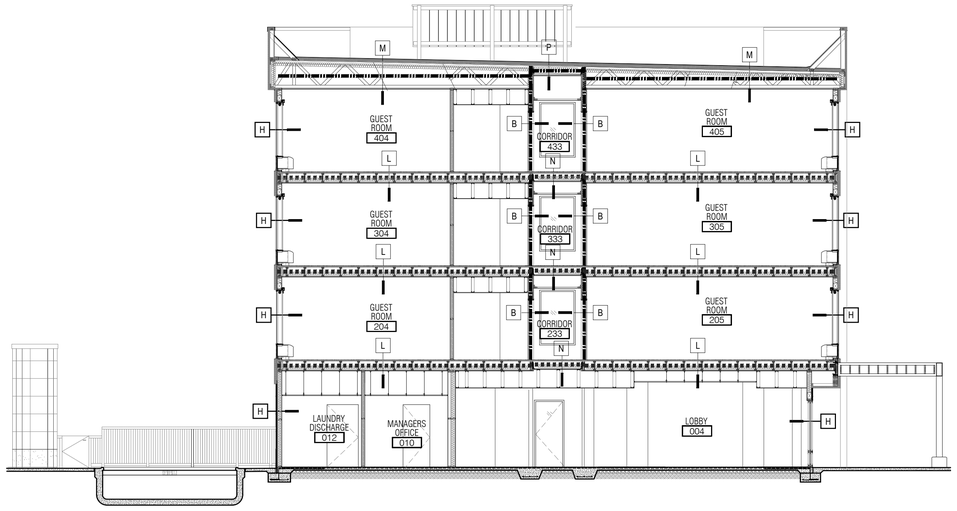
1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING.
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



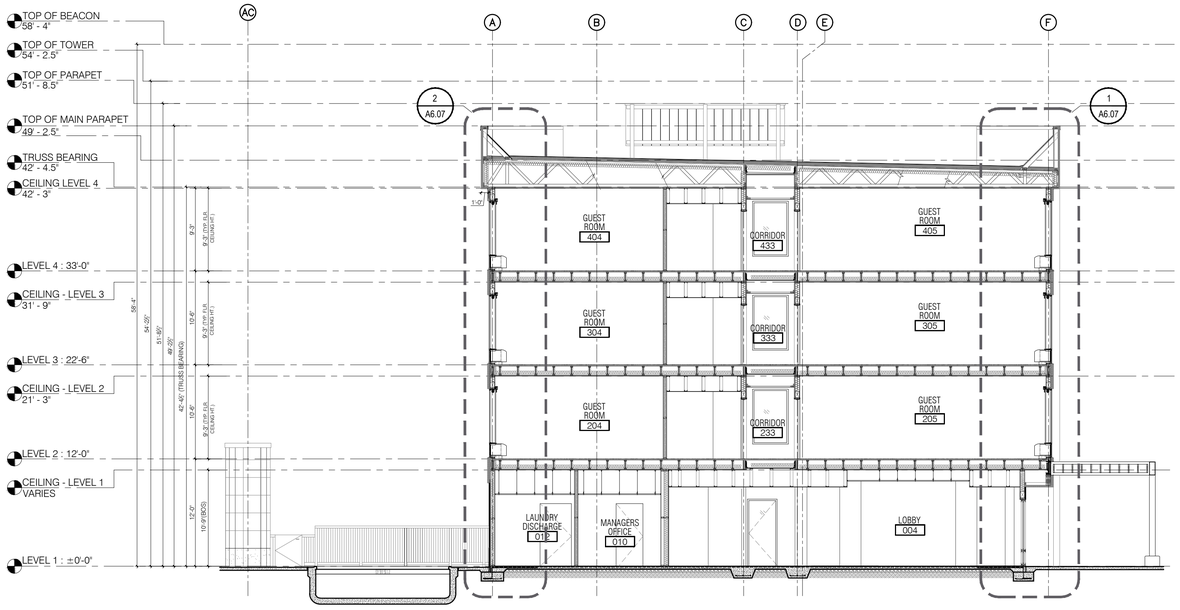
2a A6.03 LIFE SAFETY SECTION
SCALE: 1/8" : 1'-0"



2 A6.03 BUILDING SECTION
SCALE: 1/8" : 1'-0"



1a A6.03 LIFE SAFETY SECTION
SCALE: 1/8" : 1'-0"



1 A6.03 BUILDING SECTION
SCALE: 1/8" : 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

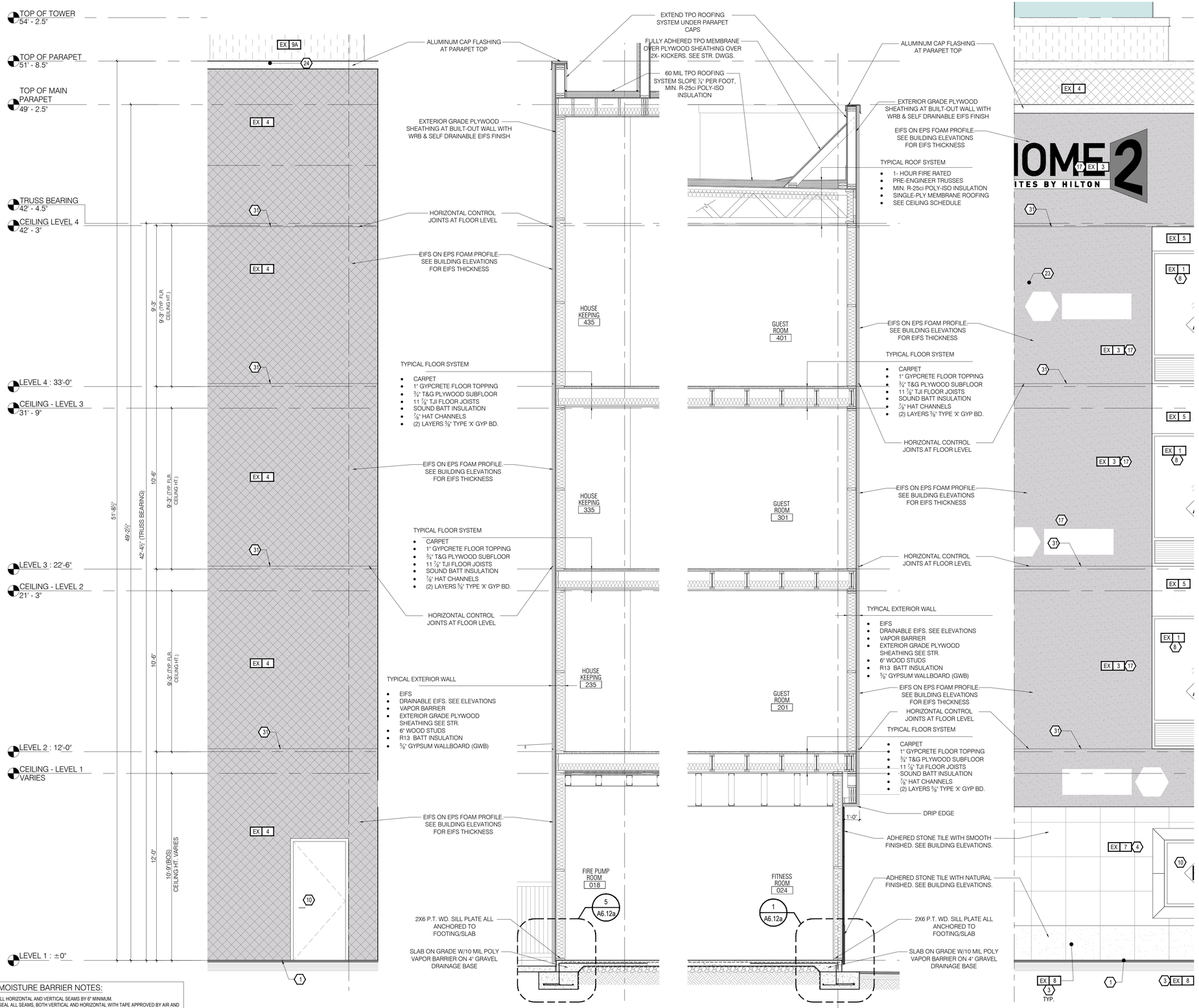
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING SECTION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A6.03



AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

2a A6.04 EXTERIOR ELEVATION
SCALE: 3/8" : 1'-0"

2 A6.04 WALL SECTION
SCALE: 3/8" : 1'-0"

1 A6.04 WALL SECTION
SCALE: 3/8" : 1'-0"

1a A6.04 EXTERIOR ELEVATION
SCALE: 3/8" : 1'-0"

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND. INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE. PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

EX 1	ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
EX 2	NOT USED
EX 3	ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
EX 4	ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
EX 5	ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
EX 6	ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
EX 7	ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
EX 8	ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
EX 9	BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS:
EX 9A	REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
EX 9B	BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS. COLOR: BENJ. MOORE 398, FLOWER POWER
EX 9C	GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
EX 10	ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE:

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

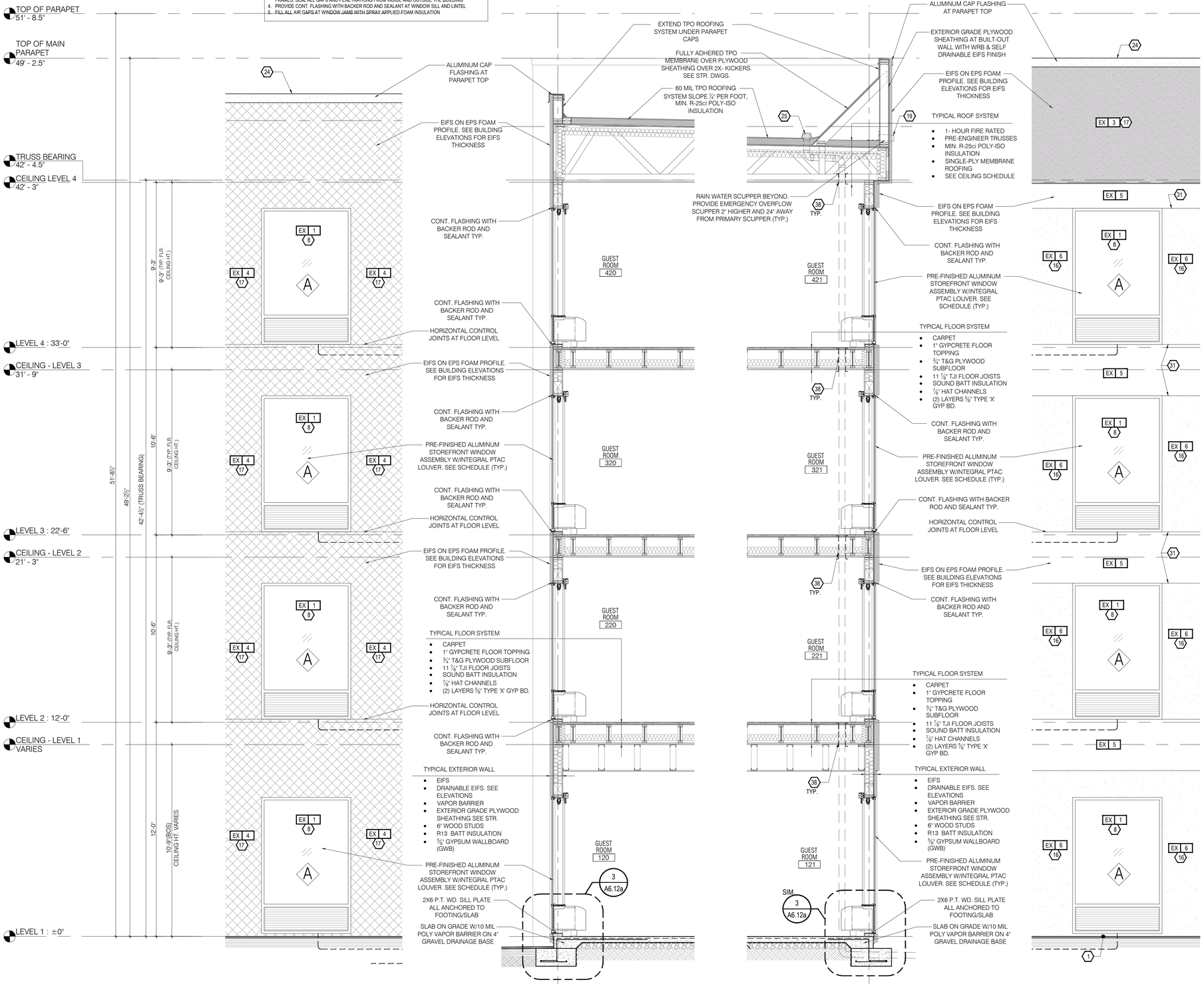
LAYOUT:
ENLARGED ELEVATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A6.04

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



2a A6.05 EXTERIOR ELEVATION — SCALE: 3/8" : 1'-0"

2 A6.05 WALL SECTION — SCALE: 3/8" : 1'-0"

1 A6.05 WALL SECTION — SCALE: 3/8" : 1'-0"

1a A6.05 EXTERIOR ELEVATION — SCALE: 3/8" : 1'-0"

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND. INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 NOT USED
- EX 3 ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE:

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES:

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

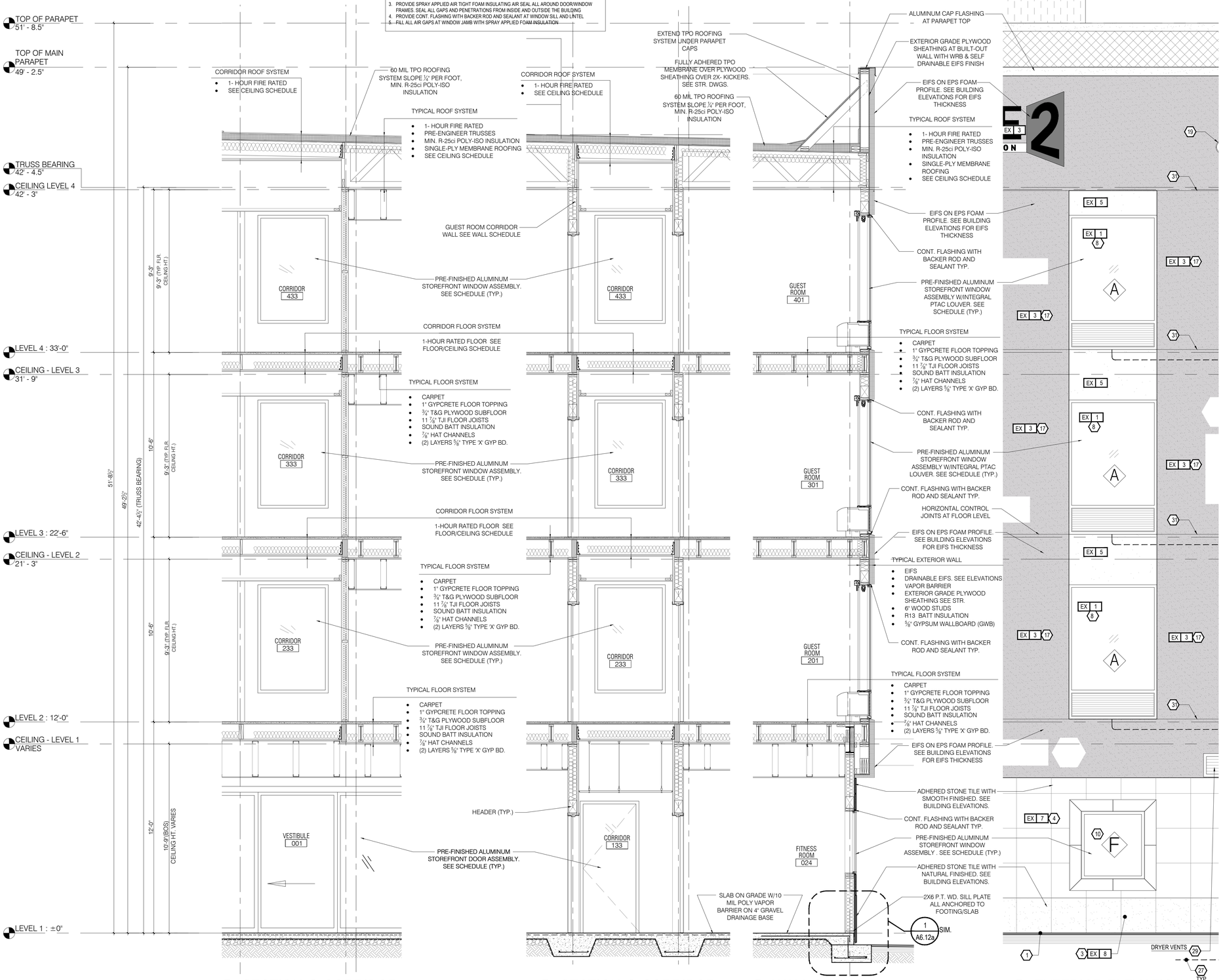
LAYOUT:
ENLARGED ELEVATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A6.05

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



3 A6.06 SECTION @ CORRIDOR
SCALE: 3/8" : 1'-0"

2 A6.06 SECTION @ CORRIDOR
SCALE: 3/8" : 1'-0"

1 A6.06 WALL SECTION
SCALE: 3/8" : 1'-0"

1a A6.06 EXTERIOR ELEVATION
SCALE: 3/8" : 1'-0"

KEY NOTES

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND. INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE, PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 – ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 – NOT USED
- EX 3 – ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 – ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
- EX 5 – ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 – ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 – ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 – ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 – SEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A – REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B – BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C – GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 – ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX | X – INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" – INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

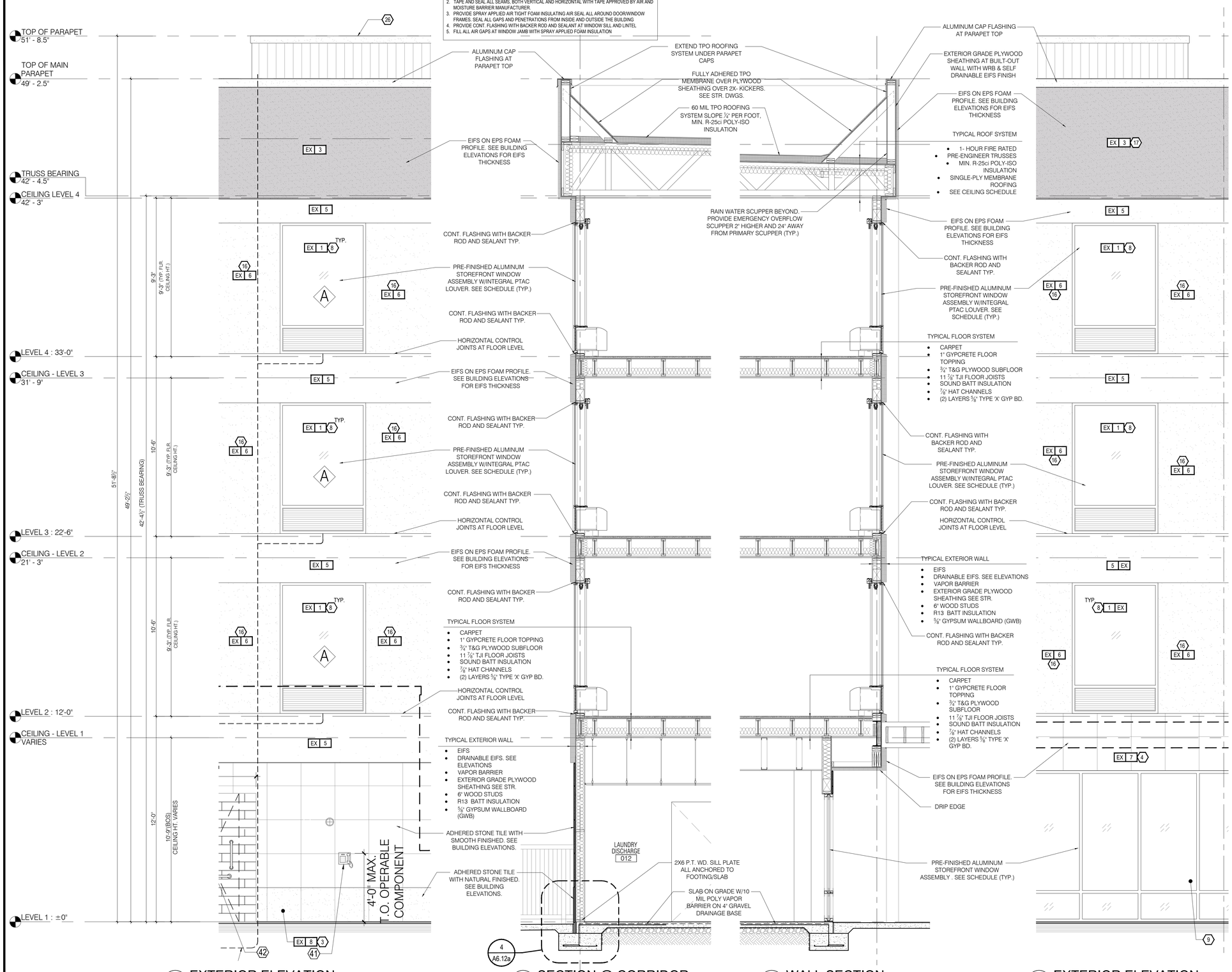
LAYOUT:
BUILDING SECTION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A6.06

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



2a A6.07 EXTERIOR ELEVATION
SCALE: 3/8" : 1'-0"

2 A6.07 SECTION @ CORRIDOR
SCALE: 3/8" : 1'-0"

1 A6.07 WALL SECTION
SCALE: 3/8" : 1'-0"

1a A6.07 EXTERIOR ELEVATION
SCALE: 3/8" : 1'-0"

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND. INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE. PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

- EX 1 ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
- EX 2 NOT USED
- EX 3 ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
- EX 4 ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN. BUREN BROWN
- EX 5 ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
- EX 6 ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
- EX 7 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
- EX 8 ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
- EX 9 BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
  - EX 9A REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9B BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
  - EX 9C GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
- EX 10 ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X — INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE
3.5" — INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE :

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES :

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

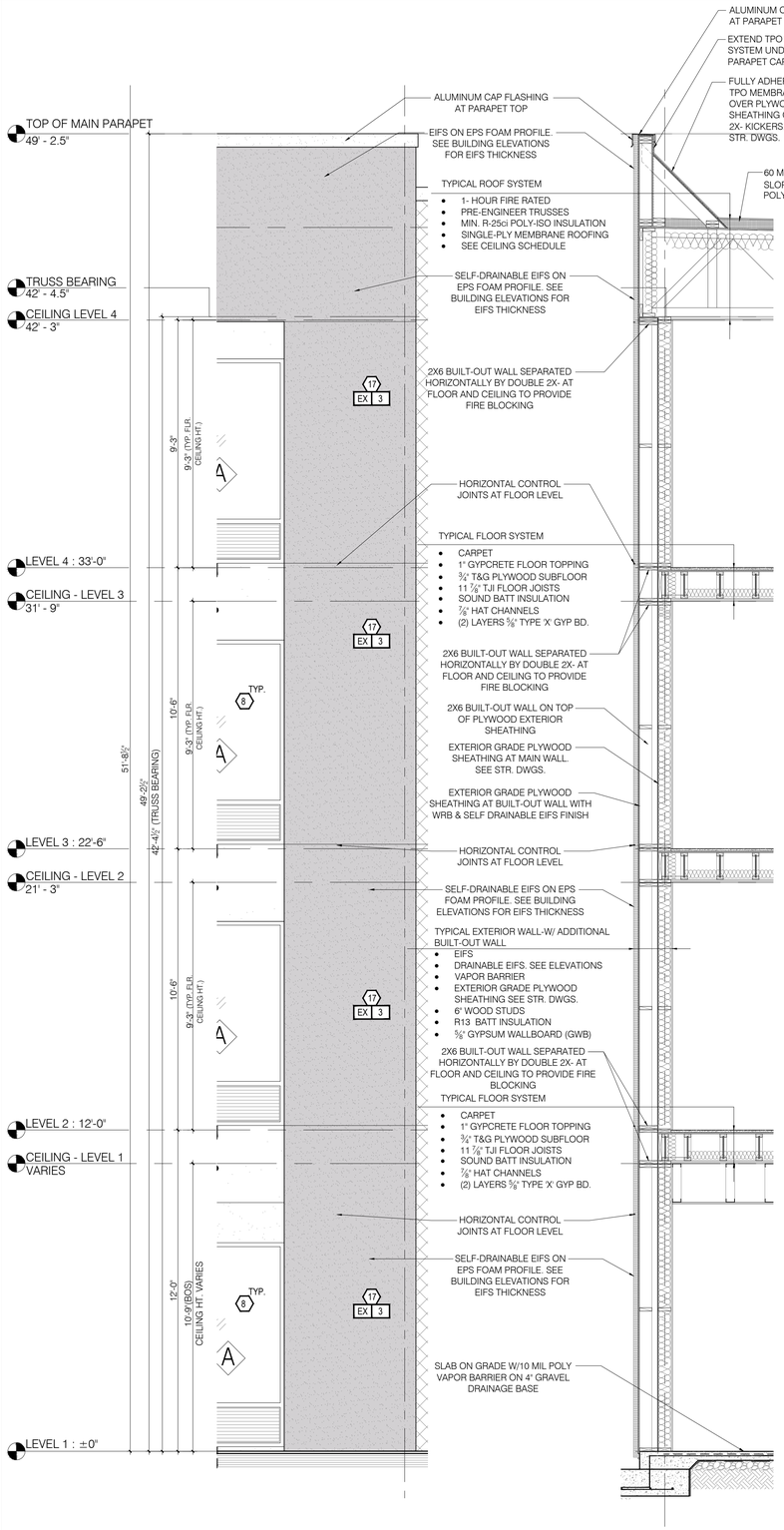
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING SECTION

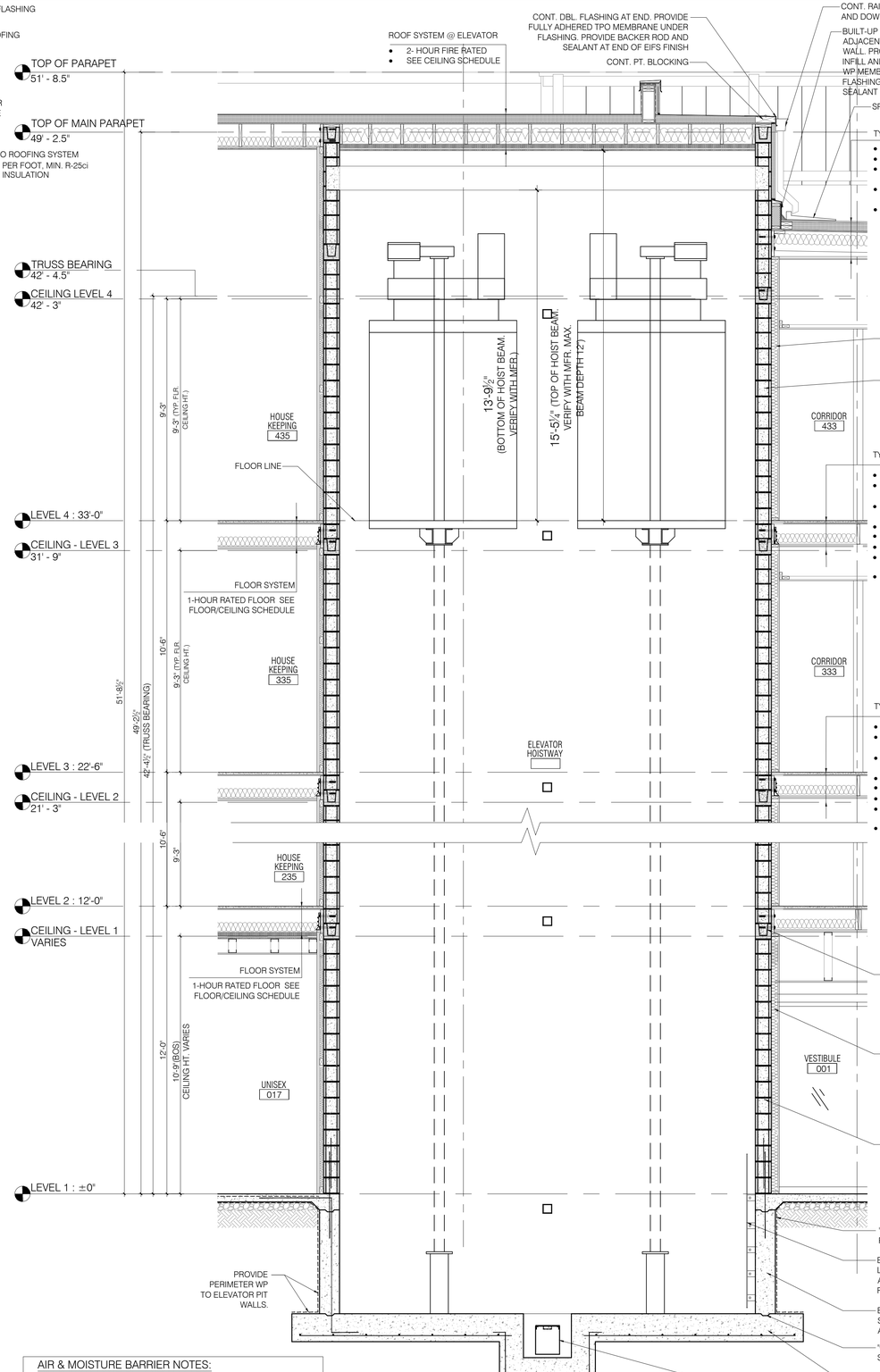
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A6.07



2a A6.08 EXTERIOR ELEVATION

SCALE: 3/8" : 1'-0"



2 A6.08 WALL SECTION

SCALE: 3/8" : 1'-0"

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS. BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

1 A6.08 WALL SECTION

SCALE: 3/8" : 1'-0"

KEY NOTES:

1. APPROXIMATE LINE OF GRADE
2. DRIVEWAY AND DROP-OFF BELOW CANOPY
3. MASONRY OR TILE - BASE
4. MASONRY OR TILE - FIELD - ASHLAR PATTERN
5. NOT USED
6. NOT USED
7. NOT USED
8. ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS. SEE SCHEDULE FOR GLASS TYPE.
9. ALUMINUM STOREFRONT SYSTEM W/ THERMAL BROKEN FRAME AND INSULATED GLAZING. SEE SCHEDULE FOR GLASS TYPE.
10. INSULATED HOLLOW CORE METAL DOOR. SEE DOOR WINDOW SCHEDULE
11. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS
12. ALUMINUM SLIDING ENTRY DOOR W/ INSULATED GLAZING
13. BEACON: GLASS CROWN: MONOLITHIC ELEMENT RESTING ON THE BAND. INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE. - REFER TO SECTIONS FOR INFORMATION
14. PAINTED TUBE STEEL CANOPY W/ STAINED WOOD TRELLIS
15. NOT USED
16. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
17. DRAINABLE EIFS FINISH ON EPS FOAM OVER WEATHER BARRIER AND EXTERIOR GRADE SHEATHING. SEE WALL SCHEDULE. SEE EXTERIOR FINISH INDEX FOR COLOR.
18. FINISH CONTROL JOINT
19. OVERFLOW SCUPPER -BASIS OF DESIGN NESCO MFG INC. - MODEL # SCT914R – REFER ALSO TO DETAIL 6/A6.12
20. TAMPER RESISTANT, RECESSED HOSE BIB - MOUNT TOP AT +12" A.F.F.
21. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
22. ENVELOPE - ACCENT FINISH -REFER TO STYLE GUIDE
23. SIGNAGE –REFER TO EXTERIOR SIGNAGE SPECIFICATIONS
24. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
25. NOT USED
26. REVIEW ALL VIEWS AROUND PROPERTY BEFORE LOCATING ALL ROOF TOP MECHANICAL UNITS. VERIFY ALL EQUIPMENT IS ADEQUATELY SCREENED
27. PTAC CONDENSATE DRAIN RISER IN EXTERIOR WALL. ALL STACKED PTAC UNITS TO BE CONNECTED TO A VERTICAL STACK PIPE WHICH SHOULD DRAIN TO NEAREST STORM WATER PIPE OR INLET. GC TO PROVIDE VENTS AND TRAPS AS REQUIRED FOR THE RISER (RISER SHOWN ON ELEVATION ARE TYPICAL AND SHOULD BE PROVIDED AT ALL PTAC UNITS)
28. PAINTED LINEN CHUTE, COLOR TO MATCH ADJACENT ENVELOPE
29. DRIER EXHAUST VENT – COLOR TO MATCH ADJACENT MATERIAL
30. LIGHT FIXTURE –REFER TO CEILING PLAN
31. EXPANSION JOINT @ FLOOR LINE AND WINDOW HEAD W/ BACKER ROD AND SEALANT
32. ALUMINUM LOUVER – COLOR TO MATCH ADJACENT MATERIAL MATCHING ADJACENT WALL
33. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHT DIMENSIONS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
34. CONCRETE PAD - REFER TO AREA DEVELOPMENT PLAN
35. ACCESS OPENING INTO BEACON
36. ALUMINUM GUTTER AND DS. COLOR TO MATCH ADJ. MATERIAL
37. ACCESSIBLE KEY CARD READER WIRED TO ELECTRIC STRIKE IN DOOR - TOP OF READER AT 48" MAX. HEIGHT
38. POOL PERIMETER FENCE AS REQUIRED BY CODE W/ 3'-0" GATE WITH PANIC/EXIT HARDWARE
39. PRECAST COPING
40. HI-LO DRINKING FOUNTAIN
41. EMERGENCY PHONE. PROVIDE WEATHER COVERING FOR THE PHONE
42. ADA COMPLIANT STANDING SHOWER. PROVIDE TILE WALL AT SHOWER

FINISH KEY:

EX 1	ENVELOPE - ACCENT METAL - ALUMINUM COLOR WHITE
EX 2	NOT USED
EX 3	ENVELOPE - WRAP - EIFS, COLOR: BENJ. MOORE AC-22, NANTUCKET FOG
EX 4	ENVELOPE - LINK & KEEP - EIFS, COLOR: BENJ. MOORE HC-70 VAN, BUREN BROWN
EX 5	ENVELOPE - ACCENT - EIFS, COLOR: BENJ. MOORE 2111-50, STONE HARBOR
EX 6	ENVELOPE - CORE - EIFS, COLOR: BENJ. MOORE 2109-40, SMOKED OYSTER
EX 7	ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-SMOOTH FINISH
EX 8	ENVELOPE - SUPPORT - CAST STONE. ARRISCRAFT RENAISSANCE - SERIES GINGER-ROCKED FINISH
EX 9	BEAM: VERTICAL ELEMENT SET BACK IN PLANE FROM THE KEEP, EXTENDS TO THE GROUND. COMPOSED OF THREE ELEMENTS
EX 9A	REVEAL: VERTICAL ELEMENT EXTENDING THROUGH THE KEEP, EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
EX 9B	BAND: HORIZONTAL ELEMENT CAPPING THE REVEAL EIFS, COLOR: BENJ. MOORE 398, FLOWER POWER
EX 9C	GLASS CROWN MONOLITHIC ELEMENT RESTING ON THE BAND, INTENDED TO BE VISIBLE FROM THE SITE AND BEYOND. TRANSLUCENT WHITE GLASS OR POLYMER, INTERNALLY LIT WITH MINIMAL, UNOBTRUSIVE STRUCTURE.
EX 10	ENVELOPE - CANOPY - STEEL, COLOR: BENJ. MOORE OC-17, WHITE DOVE

EIFS TYPE/THICKNESS NOTE:
EX X — INDICATES EIFS NUMBER WITH CORRESPONDING COLORS SHOWN ABOVE.
3.5" — INDICATES EIFS THICKNESS. IF NO NUMBER IS SHOWN, THE EIFS IS 2" NOMINAL THICK

BUILDING SIGNAGE:

- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKER-BOARD REQUIRED AT SIGN LOCATIONS. AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR. ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY. TYPICAL 120V REQUIREMENT.
- RACEWAYS/ WIREWAYS ARE NOT ALLOWED.
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOMS OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND/ OR INSTALLED PRIOR TO CLOSING UP THE WALL. PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES:

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.
3. EIFS FINISH SYSTEM OVER MIN. 2" NOMINAL THICK EPS ON EXTERIOR SHEATHING AND APPROVED BUILDING WRAP. APPROVED MANUFACTURER PER HILTON SPECS - "WATER MASTER DRAINABLE SYSTEM" OR EQUAL TO BE USED. SEE MANUFACTURER'S SPECS. FOR INSTALLATION DETAILS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

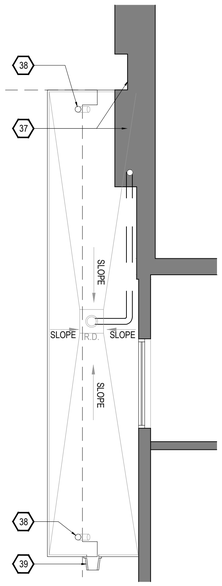
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
BUILDING SECTION

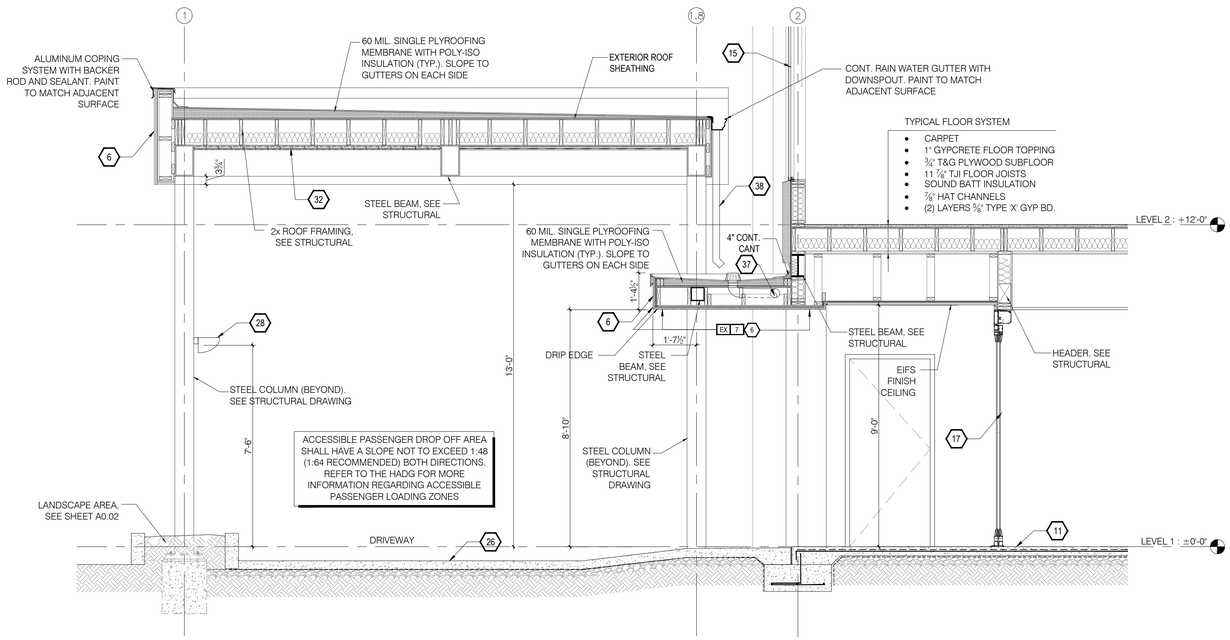
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A6.08



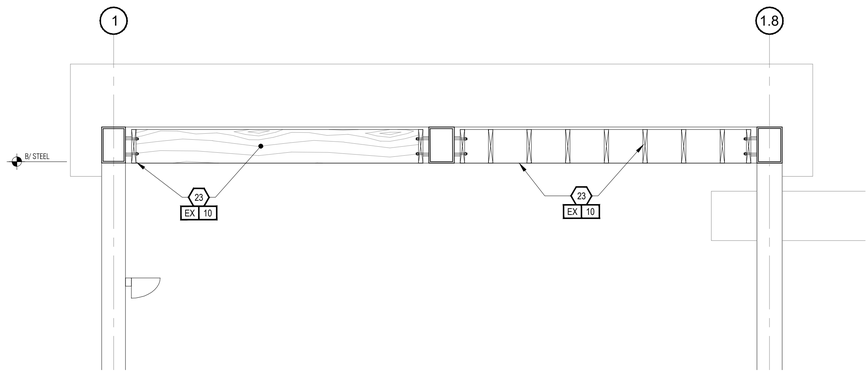
3K / A6.11 PARTIAL PLAN

SCALE: 1/4" = 1'-0"



01 / A6.11 ENLARGED SECTION AT CANOPY

SCALE: 3/8" = 1'-0"



1G / A6.11 PARTIAL WALL SECTION

SCALE: 1/2" = 1'-0" TYPICAL PARTIAL WALL SECTION AT OPEN-AIR STEEL CANOPY W/ WOOD TRELLIS

NOTE:
FRAMING AND ROOF FINSH TO ALTERNATE DIRECTIONS - REFER TO ROOF PLANS

KEY NOTES:

1. KYNAR FINISH ALUMINUM COPING SYSTEM --COLOR TO MATCH ADJACENT MATERIAL
2. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE WRAP FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
3. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE WRAP FINISH -WEATHER AND AIR BARRIER -CMU WALL
4. FINISH CONTROL JOINT - 3/4" DEEP
5. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE CORE FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
6. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE SUPPORT FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
7. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE SUPPORT FINISH -WEATHER AND AIR BARRIER -CMU WALL
8. **ROOF ASSEMBLY:** -ROOFING SYSTEM (WHITE) -RIGID INSULATION -EXTERIOR ROOF SHEATHING -WOOD STRUCTURE -GYPSUM BOARD CEILING
9. **ROOF ASSEMBLY:** -ROOFING SYSTEM (GRAY OR WHITE) -RIGID INSULATION -EXTERIOR ROOF SHEATHING -2x T&G WOOD DECKING -WOOD BEAM
10. **FLOOR ASSEMBLY:** -GYPCRETE -PLYWOOD SUB-FLOOR -2x WOOD FRAMING -GYPSUM BOARD CEILING
11. CONCRETE SLAB ON VAPOR BARRIER
12. PERIMETER INSULATION PER REGIONAL REQUIREMENTS
13. CONCRETE FOOTING AND FOUNDATION WALL
14. APPROXIMATE GRADE LINE
15. ALUM. FIXED WINDOW W/ NAILING FIN AND INTEGRAL ALUM. LOUVER
16. ALUMINUM STOREFRONT SYSTEM
17. ALUMINUM WIDE STILE/ RAILS DOOR
18. **GLASS BEACON :** PROVIDE FRONT OUTSIDE GLAZED ALUMINUM HANDRAIL FRAMING SYSTEM --COLOR TO MATCH SURROUNDING COPING
19. ENVELOPE ACCENT FINISH
20. ENVELOPE ACCENT FINISH
21. PTAC UNIT
22. SUSPENDED CEILING
23. ENVELOPE CANOPY W/ STAINED WOOD TRELLIS
24. EXPANSION JOINT
25. CONCRETE SIDEWALK
26. PRECAST CONCRETE/ NATURAL STONE PAVER
27. NOT USED
28. LIGHT FIXTURE
29. CONDENSATE PIPING - CONDENSATE DRAINAGE PIPING TO BE ROUTED DOWN THRU EXTERIOR WALL. DEPENDING ON GEOGRAPHIC LOCATION, CONDENSATE SHOULD BE COLLECTED IN A STORAGE TANK, CONNECTED INTO STORM WATER SYSTEM OR INTEGRATED INTO LANDSCAPING IRRIGATION SYSTEM.
30. SHADE SYSTEM
31. NOT USED
32. **ROOF ASSEMBLY AT STEEL CANOPY AT ENTRY:** -ROOFING SYSTEM (WHITE) -EXTERIOR ROOF SHEATHING -2x WOOD FRAMING -2x6 T&G WOOD DECKING
33. ROOFING SYSTEM TURNS UP WALL AND OVER PARAPET
34. SOLID FIRE BLOCKING AT ALL FLOOR LEVELS
35. PROVIDE 2x WOOD BLOCKING WITHIN FINISH SYSTEM AT ALL LIGHT FIXTURE ATTACHMENT LOCATIONS
36. PROVIDE CANE DETECTION BARRIERS FOR AREAS WITH HEAD CLEARANCE OF LESS THAN 80" A.F.F.
37. ROUTE RAIN LEADER FROM CANOPY ROOF TO VERTICAL LEADER IN EXTERIOR WALL CAVITY, LEADER TO BE FULLY CONCEALED ALONG ENTIRE RUN
38. DOWNSPOUT FROM UPPER PORTE COCHERE CANOPY ROOF
39. OVERFLOW SCUPPER

GENERAL NOTES THIS SHEET:

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.

HOME 2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
— ATLANTA - CHARLOTTE —
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

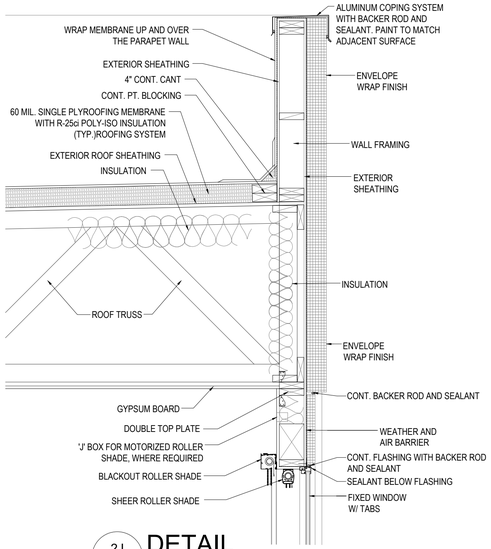
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

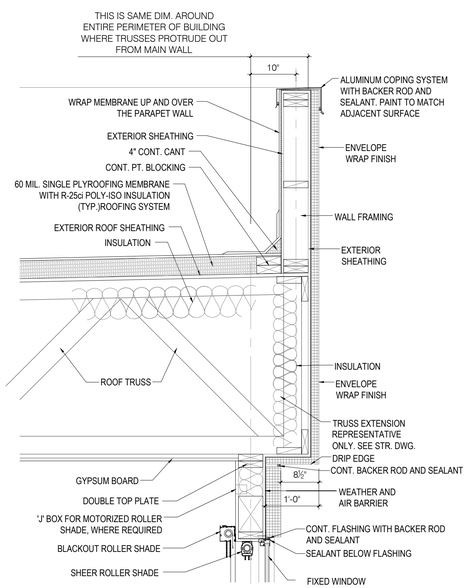
LAYOUT:
WALL SECTIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

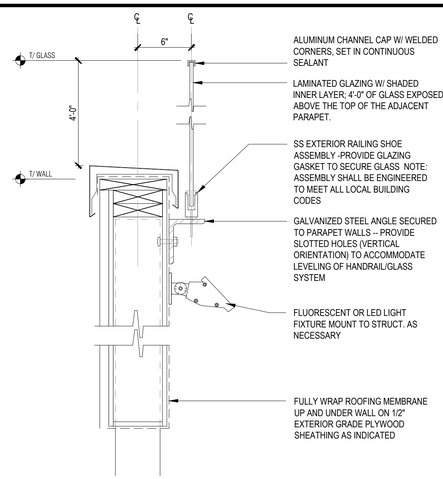
SHEET NUMBER:
A6.11



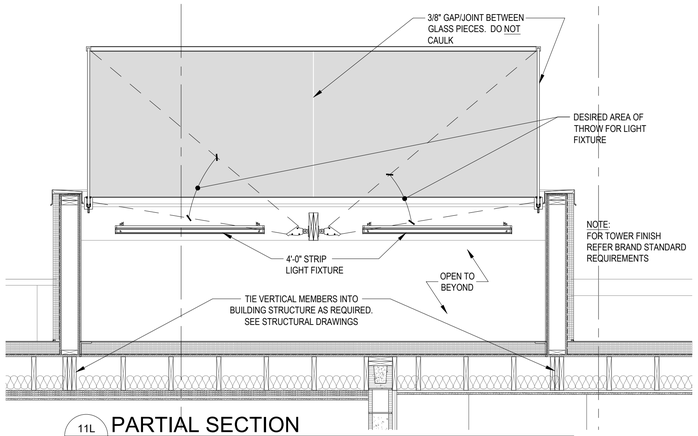
2J A6.12 **DETAIL**
SCALE: 3/4" = 1'-0"



6J A6.12 **DETAIL**
SCALE: 3/4" = 1'-0"



6L A6.12 **DETAIL**
SCALE: 3/4" = 1'-0"

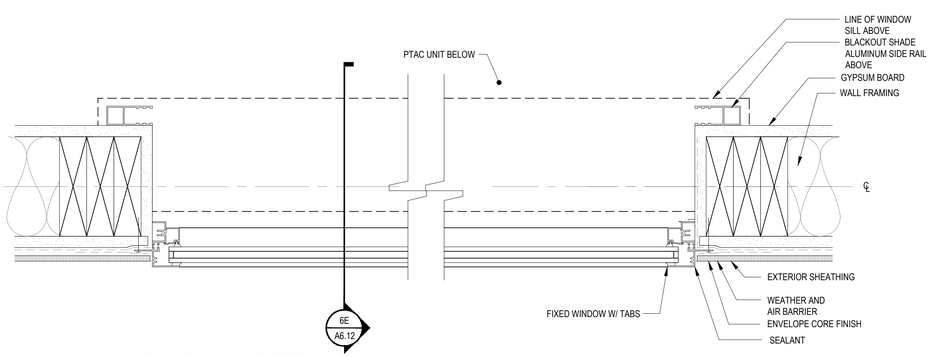


11L A6.12 **PARTIAL SECTION**
SCALE: 1/2" = 1'-0"

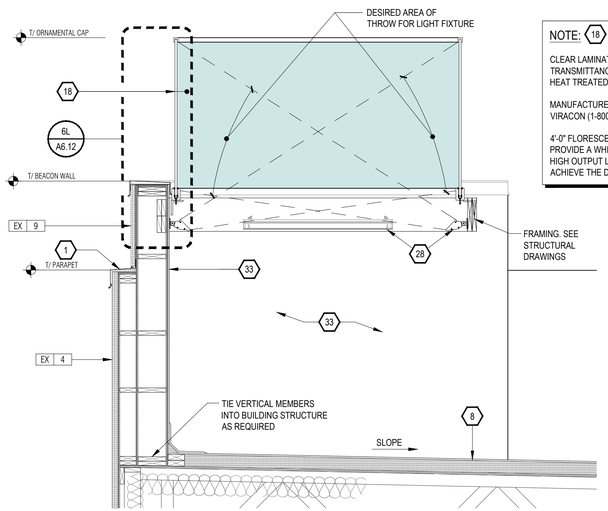
6E A6.12 **DETAIL**
SCALE: 3/4" = 1'-0"

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION



2B A6.12 **PLAN DETAIL**
SCALE: 3" = 1'-0"



NOTE: 18

CLEAR LAMINATED GLASS HS/HS 68% LIGHT TRANSMITTANCE WHITE (ARCTIC SNOW) HEAT TREATED GLASS

MANUFACTURER :
VIRACON (1-800-533-2080)

4'-0" FLORESCENT LIGHT FIXTURES ARE SPECIFIED TO PROVIDE A WHITE, EVENLY BRIGHT GLOW AT NIGHT. HIGH OUTPUT LED LIGHTS MAY ALSO BE USED TO ACHIEVE THE DESIRED LIGHTING EFFECT.

10A A6.12 **DETAIL**
SCALE: 3/4" = 1'-0"

KEY NOTES:

1. KYNAR FINISH ALUMINUM COPING SYSTEM –COLOR TO MATCH ADJACENT MATERIAL
2. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE WRAP FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
3. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE WRAP FINISH -WEATHER AND AIR BARRIER -CMU WALL
4. FINISH CONTROL JOINT - 3/4" DEEP
5. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE CORE FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
6. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE SUPPORT FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
7. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE SUPPORT FINISH -WEATHER AND AIR BARRIER -CMU WALL
8. **ROOF ASSEMBLY:** -ROOFING SYSTEM (WHITE) -RIGID INSULATION -EXTERIOR ROOF SHEATHING -WOOD STRUCTURE -GYPSUM BOARD CEILING
9. **ROOF ASSEMBLY:** -ROOFING SYSTEM (GRAY OR WHITE) -RIGID INSULATION -EXTERIOR ROOF SHEATHING -2x T&G WOOD DECKING -WOOD BEAM
10. **FLOOR ASSEMBLY:** -GYPCRETE -PLYWOOD SUB-FLOOR -2x WOOD FRAMING -GYPSUM BOARD CEILING
11. CONCRETE SLAB ON VAPOR BARRIER
12. PERIMETER INSULATION PER REGIONAL REQUIREMENTS
13. CONCRETE FOOTING AND FOUNDATION WALL
14. APPROXIMATE GRADE LINE
15. ALUM. FIXED WINDOW W/ NAILING FIN AND INTEGRAL ALUM. LOUVER
16. ALUMINUM STOREFRONT SYSTEM
17. ALUMINUM WIDE STILE/ RAILS DOOR
18. **GLASS BEACON :** PROVIDE FRONT OUTSIDE GLAZED ALUMINUM HANDRAIL FRAMING SYSTEM –COLOR TO MATCH SURROUNDING COPING
19. ENVELOPE ACCENT FINISH
20. ENVELOPE ACCENT FINISH
21. PTAC UNIT
22. SUSPENDED CEILING
23. ENVELOPE CANOPY W/ STAINED WOOD TRELLIS
24. EXPANSION JOINT
25. CONCRETE SIDEWALK
26. PRECAST CONCRETE/ NATURAL STONE PAVER
27. NOT USED
28. LIGHT FIXTURE
29. CONDENSATE PIPING - CONDENSATE DRAINAGE PIPING TO BE ROUTED DOWN THRU EXTERIOR WALL, DEPENDING ON GEOGRAPHIC LOCATION, CONDENSATE SHOULD BE COLLECTED IN A STORAGE TANK, CONNECTED INTO STORM WATER SYSTEM OR INTEGRATED INTO LANDSCAPING IRRIGATION SYSTEM.
30. SHADE SYSTEM
31. NOT USED
32. **ROOF ASSEMBLY AT STEEL CANOPY AT ENTRY:** -ROOFING SYSTEM (WHITE) -EXTERIOR ROOF SHEATHING -2x WOOD FRAMING -2x6 T&G WOOD DECKING
33. ROOFING SYSTEM TURNS UP WALL AND OVER PARAPET
34. SOLID FIRE BLOCKING AT ALL FLOOR LEVELS
35. PROVIDE 2x WOOD BLOCKING WITHIN FINISH SYSTEM AT ALL LIGHT FIXTURE ATTACHMENT LOCATIONS
36. PROVIDE CANE DETECTION BARRIERS FOR AREAS WITH HEAD CLEARANCE OF LESS THAN 80" A.F.F.
37. ROUTE RAIN LEADER FROM CANOPY ROOF TO VERTICAL LEADER IN EXTERIOR WALL CAVITY, LEADER TO BE FULLY CONCEALED ALONG ENTIRE RUN
38. DOWNSPOUT FROM UPPER PORTE COCHERE CANOPY ROOF
39. OVERFLOW SCUPPER

GENERAL NOTES THIS SHEET:

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS)" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

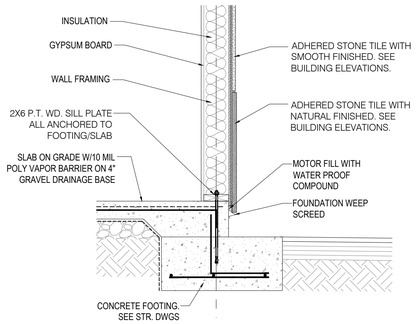
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

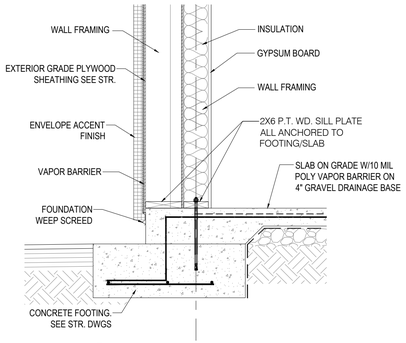
LAYOUT:
WALL SECTIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

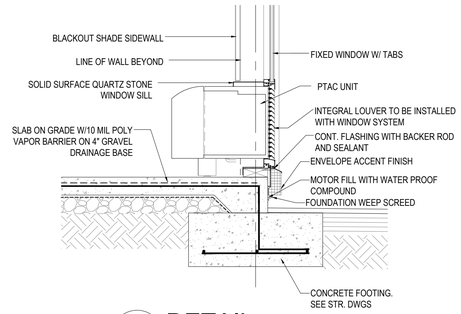
SHEET NUMBER:
A6.12



1 A6.12a DETAIL
SCALE: 3/4" = 1'-0"



2 A6.12a DETAIL
SCALE: 1-1/2" = 1'-0"



3 A6.12a DETAIL
SCALE: 1-1/2" = 1'-0"

4 A6.12a DETAIL
SCALE: 1-1/2" = 1'-0"

5 A6.12a DETAIL
SCALE: 3/4" = 1'-0"

KEY NOTES:

1. KYNAR FINISH ALUMINUM COPING SYSTEM --COLOR TO MATCH ADJACENT MATERIAL
2. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE WRAP FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
3. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE WRAP FINISH -WEATHER AND AIR BARRIER -CMU WALL
4. FINISH CONTROL JOINT - 3/4" DEEP
5. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE CORE FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
6. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE SUPPORT FINISH -WEATHER AND AIR BARRIER -EXTERIOR SHEATHING -INSULATION -2x6 WOOD FRAMING -GYPSUM BOARD
7. **EXTERIOR WALL CONSTRUCTION:** -ENVELOPE SUPPORT FINISH -WEATHER AND AIR BARRIER -CMU WALL
8. **ROOF ASSEMBLY:** -ROOFING SYSTEM (WHITE) -RIGID INSULATION -EXTERIOR ROOF SHEATHING -WOOD STRUCTURE -GYPSUM BOARD CEILING
9. **ROOF ASSEMBLY:** -ROOFING SYSTEM (GRAY OR WHITE) -RIGID INSULATION -EXTERIOR ROOF SHEATHING -2x T&G WOOD DECKING -WOOD BEAM
10. **FLOOR ASSEMBLY:** -GYPCRETE -PLYWOOD SUB-FLOOR -2x WOOD FRAMING -GYPSUM BOARD CEILING
11. CONCRETE SLAB ON VAPOR BARRIER
12. PERIMETER INSULATION PER REGIONAL REQUIREMENTS
13. CONCRETE FOOTING AND FOUNDATION WALL
14. APPROXIMATE GRADE LINE
15. ALUM. FIXED WINDOW W/ NAILING FIN AND INTEGRAL ALUM. LOUVER
16. ALUMINUM STOREFRONT SYSTEM
17. ALUMINUM WIDE STILE/ RAILS DOOR
18. **GLASS BEACON :** PROVIDE FRONT OUTSIDE GLAZED ALUMINUM HANDRAIL FRAMING SYSTEM --COLOR TO MATCH SURROUNDING COPING
19. ENVELOPE ACCENT FINISH
20. ENVELOPE ACCENT FINISH
21. PTAC UNIT
22. SUSPENDED CEILING
23. ENVELOPE CANOPY W/ STAINED WOOD TRELLIS
24. EXPANSION JOINT
25. CONCRETE SIDEWALK
26. PRECAST CONCRETE/ NATURAL STONE PAVER
27. NOT USED
28. LIGHT FIXTURE
29. CONDENSATE PIPING - CONDENSATE DRAINAGE PIPING TO BE ROUTED DOWN THRU EXTERIOR WALL. DEPENDING ON GEOGRAPHIC LOCATION, CONDENSATE SHOULD BE COLLECTED IN A STORAGE TANK, CONNECTED INTO STORM WATER SYSTEM OR INTEGRATED INTO LANDSCAPING IRRIGATION SYSTEM.
30. SHADE SYSTEM
31. NOT USED
32. **ROOF ASSEMBLY AT STEEL CANOPY AT ENTRY:** -ROOFING SYSTEM (WHITE) -EXTERIOR ROOF SHEATHING -2x WOOD FRAMING -2x6 T&G WOOD DECKING
33. ROOFING SYSTEM TURNS UP WALL AND OVER PARAPET
34. SOLID FIRE BLOCKING AT ALL FLOOR LEVELS
35. PROVIDE 2x WOOD BLOCKING WITHIN FINISH SYSTEM AT ALL LIGHT FIXTURE ATTACHMENT LOCATIONS
36. PROVIDE CANE DETECTION BARRIERS FOR AREAS WITH HEAD CLEARANCE OF LESS THAN 80" A.F.F.
37. ROUTE RAIN LEADER FROM CANOPY ROOF TO VERTICAL LEADER IN EXTERIOR WALL CAVITY. LEADER TO BE FULLY CONCEALED ALONG ENTIRE RUN
38. DOWNSPOUT FROM UPPER PORTE COCHERE CANOPY ROOF
39. OVERFLOW SCUPPER

GENERAL NOTES THIS SHEET:

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.
2. GROUT COLOR TO MATCH EXTERIOR TILE OR MASONRY.
3. BUILDING HEIGHT DIMENSIONS ARE BASED ON WOOD FRAME CONSTRUCTION. THESE DIMENSIONS WILL VARY BASED ON FINAL BUILDING CONSTRUCTION. INTERIOR CEILING HEIGHTS ARE CRITICAL TO MAINTAIN AS MINIMUMS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 PH/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

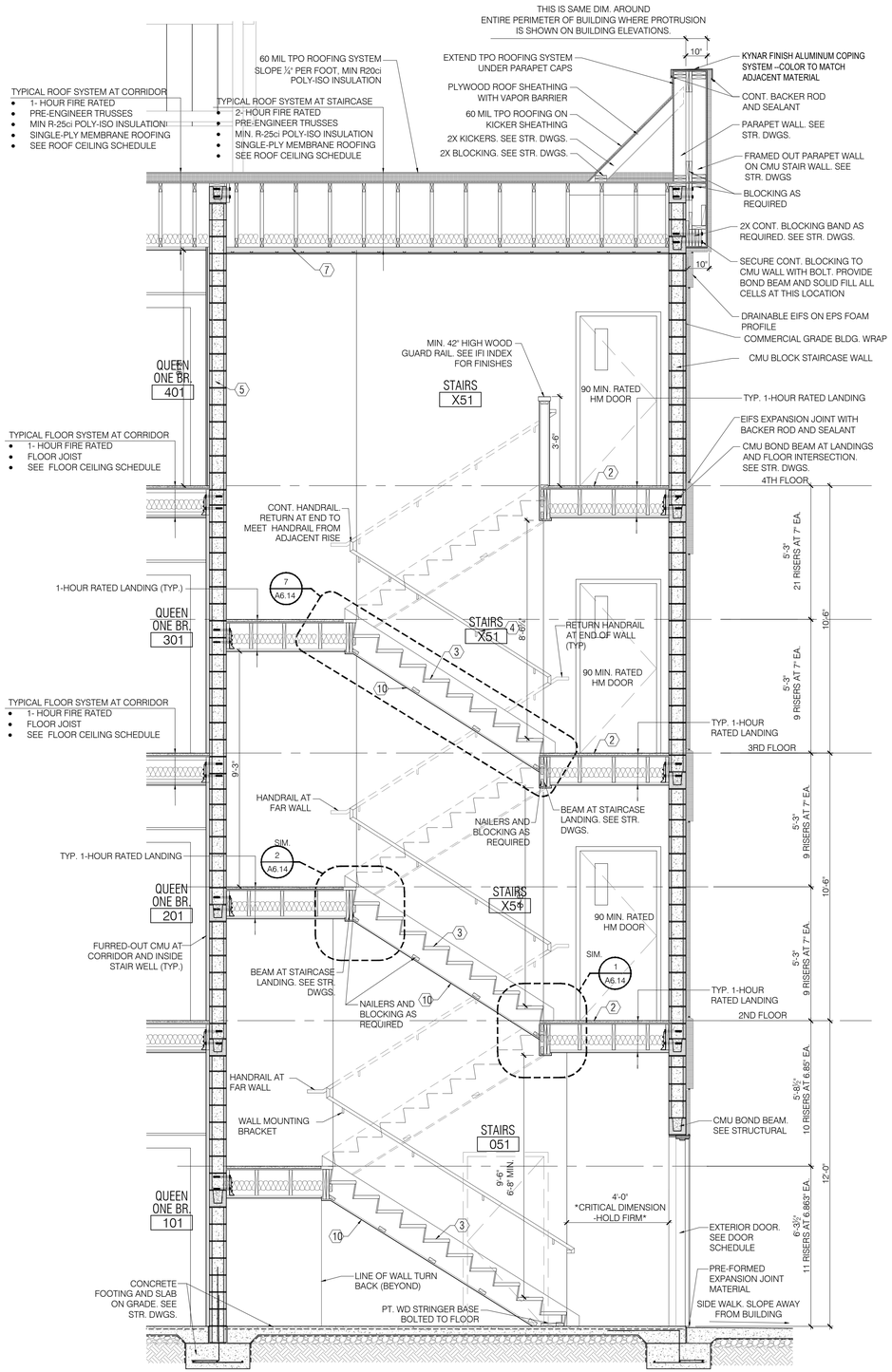
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

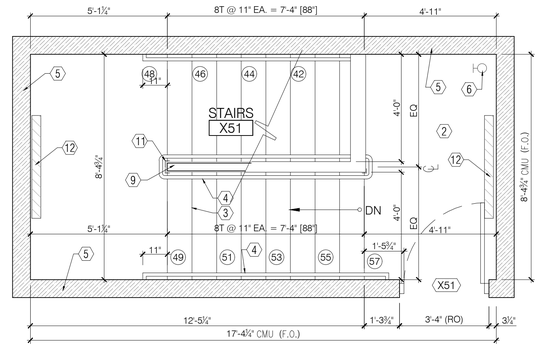
LAYOUT:
WALL SECTIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

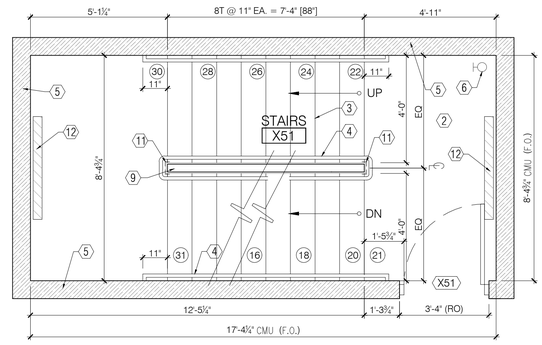
SHEET NUMBER:
A6.12a



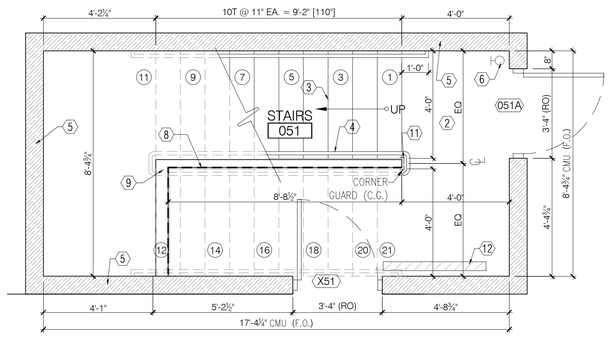
1d A6.13 TYPICAL STAIRCASE SECTION
SCALE: 3/8" : 1'-0"



1c A6.13 FOURTH FLOOR STAICASE PLAN
SCALE: 3/8" : 1'-0"



1b A6.13 SECOND & THIRD FLOOR STAICASE PLAN
SCALE: 3/8" : 1'-0"



1a A6.13 FIRST FLOOR STAICASE PLAN
SCALE: 3/8" : 1'-0"

KEY NOTES:

1. LIGHT FIXTURE. SEE LIGHTING SCHEDULE AND ELECTRICAL DRAWINGS.
2. CARPET AND PAD AT LANDINGS
3. STAIR CARPET TREADS AND RISERS AND LANDING. PROVIDE 1.5" THICK WD TREADS AND ¾" PLYWOOD RISERS
4. WALL MOUNTED WOOD HANDRAIL; SEE IFI FOR FINISH
5. 2-HOUR RATED STAIRCASE CMU WALL. SEE WALL SCHEDULE. FURRED-OUT WITH GYP. BD. AND METAL HAT CHANNELS
6. STANDPIPE LOCATION - AS CLOSE TO CORNER AS POSSIBLE- MUST STAY OUTSIDE OF REQUIRED EGRESS WIDTH. VERIFY WITH SPRINKLER SYSTEM DESIGNER AND FIRE CRITERIA
7. 2-HOUR ROOF-CEILING ASSEMBLY @ 4-STORY
8. DASHED LINE INDICATES WALL UNDER STAIRS TO PREVENT STORAGE IN THIS LOCATION
9. STAIRCASE WALL WITH TYPE "X" GYP. BD.
10. TYPE "X" GYP. BD. UNDER THE STAIRS. PAINT PER IFI SCHEDULE
11. CORNER GUARD (C.G.) ON EA. CORNER AT STAIRS
12. STAIRWELL LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS

GENERAL NOTES THIS SHEET:

1. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL GUIDE FOR ADDITIONAL INFORMATION REGARDING INTERIOR FINISH MATERIALS AND COLORS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

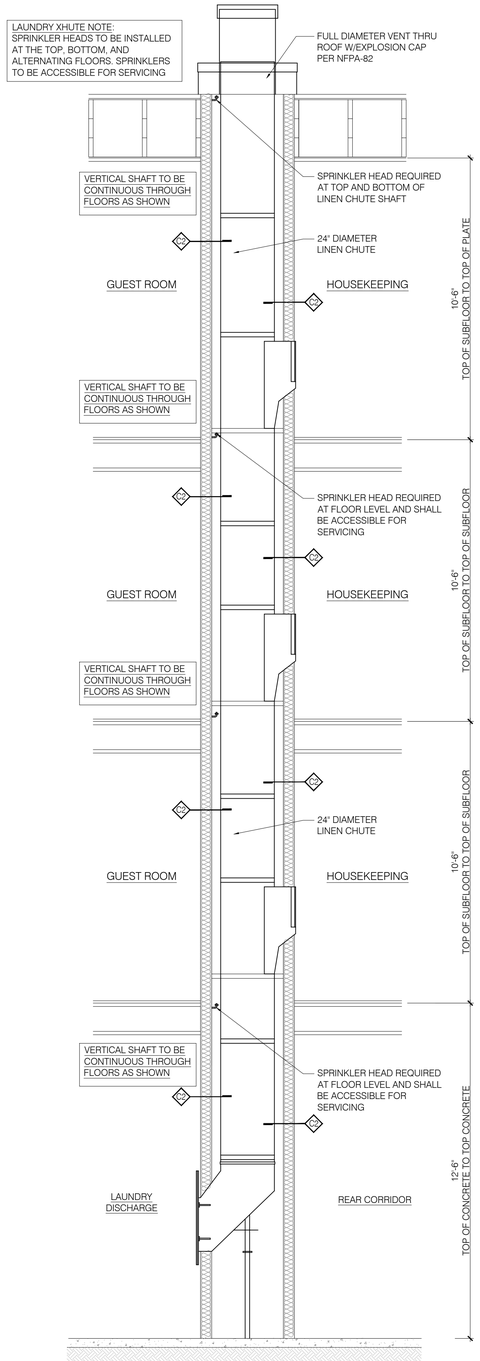
LAYOUT:
STAIRCASE PLANS AND SECTIONS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

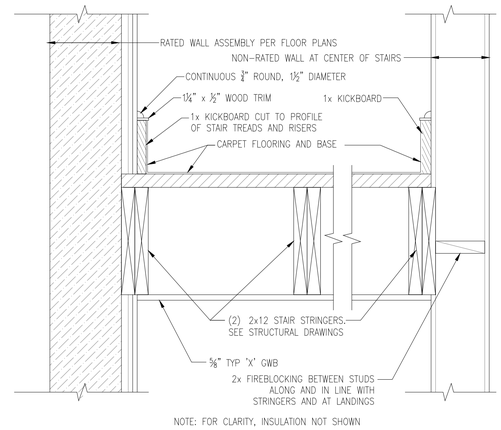
SHEET NUMBER:
A6.13



7 A6.14 STRINGER AT LANDINGS
SCALE: 3/4" : 1'-0"

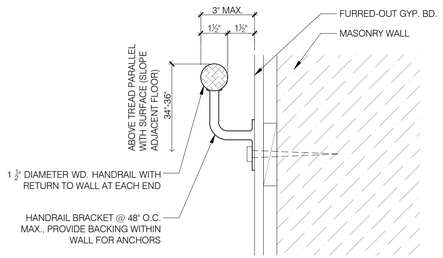


6 A6.14 LINEN CHUTE SECTION
SCALE: 3/8" : 1'-0"



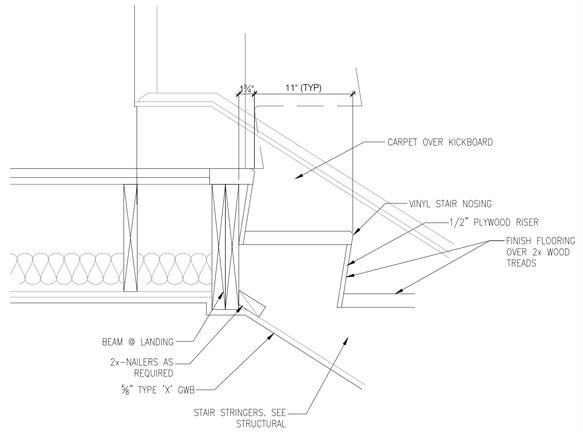
NOTE: FOR CLARITY, INSULATION NOT SHOWN

3 A6.14 DETAILS AT TREAD
SCALE: 1 1/2" : 1'-0"

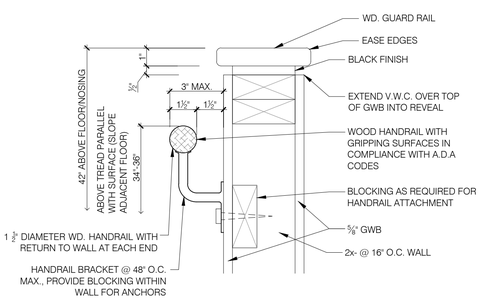


STAIR HANDRAIL WALL BRACKET: JULIUS BLUM & COMPANY, INC., NO. 382

5 A6.14 WALL MOUNTED HANDRAIL
SCALE: 1 1/2" : 1'-0"

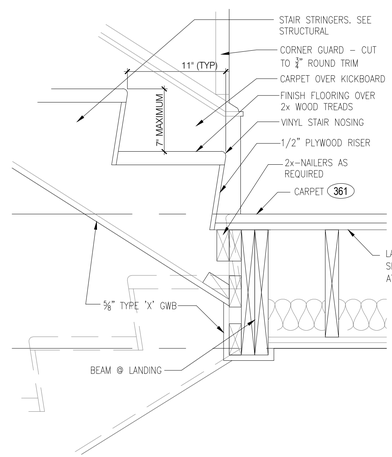


2 A6.14 DETAIL AT LANDING
SCALE: 1 1/2" : 1'-0"



STAIR HANDRAIL WALL BRACKET: JULIUS BLUM & COMPANY, INC., NO. 382

4 A6.14 WALL MOUNTED HANDRAIL
SCALE: 1 1/2" : 1'-0"



1 A6.14 DETAIL AT LANDING
SCALE: 1 1/2" : 1'-0"

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
STAIRCASE TYPICAL DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A6.14

Door Schedule

DOOR NUMBER	ROOM NAME	DOOR INFORMATION					FRAME INFORMATION							FIRE RATING	HARDWARE SET	REMARKS
		TYPE	SIZE	THICKNESS	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	JAMB DETAIL	THRESHOLD DETAIL			
GUEST ROOMS																
GR-01	ENTRY	D2	SGL 3'0"x6'8"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	20 min	1	--
GR-02	BATH POCKET	D6	SGL 3'0"x6'8"	1 3/4"	SC WOOD	--	F1	WD	--	--	--	--	--	--	2	e, h
GR-03	CONNECTING	D1	SGL 3'0"x6'8"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	45 min	3	a
GR-04	BATH SWING	D1	SGL 3'0"x6'8"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	5	--
GR-05	BEDROOM	D1	SGL 3'0"x6'8"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	4	--
GR-06	BATH POCKET	D6	SGL 3'0"x6'8"	1 3/4"	SC WOOD	--	F1	WD	--	--	--	--	--	--	2	e, h, f - accessible hardware, owner to decide door type - pocket or swing. if swing used, room dimensions will change. see details
STAIRS																
x51	STAIR #1	D1	SGL 3'0"x6'8"	1 3/4"	HM	--	F1	HM	--	--	--	--	--	90 min	15	--
x52	STAIR #2	D1	SGL 3'0"x6'8"	1 3/4"	HM	--	F1	HM	--	--	--	--	--	90 min	15	--
051A	EXTERIOR STAIR #1	D1	SGL 3'0"x7'0"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	16	--
052A	EXTERIOR STAIR #2	D1	SGL 3'0"x7'0"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	16	--
FIRST FLOOR																
001A	VESTIBULE	D7	SEE ELEV. DETAILS	--	ALUM	--	--	ALUM	--	--	--	--	--	--	6	b
001B	VESTIBULE	D7	SEE ELEV. DETAILS	--	ALUM	--	--	ALUM	--	--	--	--	--	--	-	b
002A	VESTIBULE	D5	PR 3'0"x8'8"	--	ALUM	--	--	ALUM	--	--	--	--	--	--	8	c
002B	VESTIBULE	D5	PR 3'0"x8'8"	--	ALUM	--	--	ALUM	--	--	--	--	--	--	10	--
007A	FOOD PREP	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	17	--
007B	FOOD PREP	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	17	--
009	CLOSET AT WORK STATION	D1	SGL 2'6"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	26	--
010	MANAGER	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	26	Provide 180 degree one way viewer. Provide card-key reader.
011	POOL LOBBY	D4	SGL 3'0"x7'0"	--	ALUM	--	F1	ALUM	--	--	--	--	--	--	9	c
012A	LAUNDRY DISCHARGE	D1	SGL 3'6"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	45 min	19	--
012B	LAUNDRY DISCHARGE	D1	SGL 3'6"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	25	--
013	LAUNDRY	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	45 min	20	--
014	DRYERS	D1	SGL 2'6"x7'0"	1 3/4"	HM	--	F1	HM	--	--	--	--	--	--	26	--
016	POOL EQUIPMENT	D3	PR 3'0"x7'0"	1 3/4"	GALV HM	--	F2	GALV HM	--	--	--	--	--	--	12	--
016A	POOL STORAGE	D1	SGL 2'6"x7'0"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	12	--
016B	POOL STORAGE	D1	SGL 2'6"x7'0"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	12	--
017	UNISEX RESTROOM	D1	SGL 3'6"x7'6"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	27	Card-key reader
018	FIRE PUMP ROOM	D1	SGL 3'0"x7'0"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	21	--
019	STORE ROOM	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	GALV HM	--	--	--	--	--	--	14	--
020	WOMEN'S	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	21	Privacy lockset is requiered
021	MEN'S	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	21	Privacy lockset is requiered
022	MECHANICAL	D1	SGL 3'0"x7'0"	1 3/4"	HM	--	F1	HM	--	--	--	--	--	--	14	--
023	PBX ROOM	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	17	Card-key reader
024	FITNESS ROOM	D5	SGL 3'0"x7'0"	--	ALUM	--	--	ALUM	--	--	--	--	--	--	7	c
025	MECHANICAL	D1	SGL 3'0"x7'0"	1 3/4"	HM	--	F1	HM	--	--	--	--	--	--	14	--
026A	MECHANICAL	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	17	--
026B	MECHANICAL	D1	SGL 3'6"x7'6"	1 3/4"	GALV HM	--	F1	GALV HM	--	--	--	--	--	--	27	Card-key reader not required
027	ENGINEER	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	GALV HM	--	--	--	--	--	--	26	--
028	SALES	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	GALV HM	--	--	--	--	--	30 min	26	Card-key reader
029A	MEETING ROOM	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	18	Card-key reader
029B	MEETING ROOM	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	18	Card-key reader
030A	MEETING ROOM STORAGE	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	26	--
030B	MEETING ROOM STORAGE	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	--	26	--
133A	CORRIDOR	D1	SGL 3'0"x7'0"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min	22	--
133B	CORRIDOR	D4	SGL 3'0"x7'0"	--	ALUM	--	--	ALUM	--	--	--	--	--	--	12	c, g (Intercom /buzzer reader not required)
UPPER LEVELS																
x34	ELEVATOR LOBBY	D3	PR 4'0"x7'0"	1 3/4"	SC WOOD	--	F2	HM	--	--	--	--	--	30 min	23	--
x35	HOUSEKEEPING	D1	SGL 3'10"x6'8"	1 3/4"	SC WOOD	--	F1	HM	--	--	--	--	--	30 min.	24	--
x35A	ELECTRICAL CLOSET	D3	PR 2'6"x6'8"	1 3/4"	SC WOOD	--	F2	HM	--	--	--	--	--	--	26	--

DOOR HARDWARE SETS

SET #18: 1.5 PR HINGES
1 OFFICE LOCK
1 WALL STOP
1 DOOR CLOSER
1 MAGNETIC HOLD OPEN

Set #19: 2 PR Hinges
1 Advance Cardlock - Wing Lever
1 Door Closer
1 Weatherstrip
1 Wall Stop
1 Kick Plate

Set #20: 1.5 PR Hinges
1 Advance Cardlock - Wing Lever
1 Door Closer
1 Weatherstrip
1 Wall Stop

Set #21: 1.5 PR Hinges
1 Privacy Set
1 Weatherstrip
1 Wall Stop
1 Kick Plate

Set #22: 1.5 PR Hinges
1 Rim Exit Device
1 Door Closer
1 Weatherstrip
1 Magnetic Hold Open

Set #23: 4 PR Swing Clr Hinges
1 Latchset
2 Wd Auto Flush Bolt
1 Coordinator
2 Door Closer
1 Weatherstrip
1 Magnetic Hold Open

SET #24: 2 PR HVY WT HINGES
1 ADVANCE CARDLOCK - WING LEVER
1 DOOR CLOSER
1 WEATHERSTRIP
1 WALL STOP

SET #25: 2 PR HINGES
1 LATCHSET
1 DOOR CLOSER
1 WEATHERSTRIP
1 MAGNETIC HOLD OPEN

SET #26: 1.5 PR HINGES
1 STORE ROOM LOCK
1 WALL STOP

SET #27: 1.5 PR HINGES
1 ADVANCE CARDLOCK - WING LEVER W/ WEATHER PACK
1 DOOR CLOSER
1 WEATHERSTRIP
1 DOOR SWEEP
1 RAIN DRIP

GLAZING NOTES:
1. (LAM.) INDICATES LOW(E) INSULATED LAMINATED IMPACT RESISTANT GLASS.
2. (TEMP.) INDICATES LOW(E) INSULATED TEMPERED GLASS
3. SEE U-FACTOR AND V-FACTOR REQUIREMENTS FOR GLAZING COMPONENTS ON CODE SHEETS
4. ALL EXTERIOR STOREFRONT & WINDOW GLASS TO BE IMPACT RESISTANT INSULATED LAMINATED LOW-E GLAZING FOR WIND BORNE DEBRIS REGION. GLAZING SHOULD BE TESTED IN ACCORDANCE WITH ASTM E 1996 FOR LARGE MISSILE IMPACT TEST

Door Schedule "REMARKS" Key

a. PROVIDE (2) DOORS FOR EACH COMMUNICATING DOOR LOCATION

b. SLIDING AUTOMATIC ENTRANCE: BASIS OF DESIGN IS BESAM UNISLIDE OC-S, OVERHEAD CONCEALED FIXED SIDE-LITE, NARROW STILE SINGLE SLIDE DOOR SYSTEM

c. ALUMINUM DOOR WITHIN STOREFRONT FRAME: BASIS OF DESIGN IS KAWNEER 500 WIDE STILE DOORS. DOORS & FRAMES TO BE PAINTED, ALL HARDWARE & TRIM TO BE CLEAR ANODIZED ALUMINUM OR US32D. REFER TO ELEVATIONS.

d. DOORS ON MAGNETIC HOLD OPENS TO TIED INTO FIRE ALARM SYSTEM AND TO RELEASE WHEN ALARM IS ACTUATED

e. POCKET DOOR KIT - BASIS OF DESIGN IS JOHNSON DOOR KIT MODEL 2000

f. OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES WHEN SLIDING DOOR IS IN THE FULLY OPEN POSITION.

g. PROVIDE (1) REMOTE READER AND (1) INTERCOM/BUZZER--REFER TO HARDWARE SET #8/A10.01 FOR MANUFACTURER AND MODEL

h. SLIDING POCKET DOORS MUST HAVE A CLEAR OPENING WIDTH OF 32" WHEN FULLY OPEN - HARDWARE MAY NOT PROTRUDE INTO CLEAR OPENING

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

DOOR HARDWARE SETS

Front Desk System
Front Desk, Guest Cards, 2 Day Training

Set #1: Guestroom Entry Door
1.5 PR Hinges
1 Advance Card Lock
1 Door Closer - w/ 90° Stop
1 Perimeter Gasketing
1 Vinyl Threshold
1 Door Sweep
1 Privacy Latch
1 One Way Viewer ((2) @ Accessible Rooms)

Set #2: Bathroom Pocket Doors
1 Pocket Door Kit
1 Privacy Lock
1 Finger Pull
Accessible Bathroom Pocket Doors
1 Pocket Door Kit
1 Sliding Dr Pull w/Latch

Set #3: Connecting Doors
2 PR Spring Hinge
1 PR Hinges
2 Connecting Latch
2 Conn. DR Deadbolt
2 Perimeter Gasketing
1 Vinyl Threshold
2 Door Sweeps
2 Door Guard w/ Privacy Latch to Match Entry Door
2 Wall Stop

Set #4: Bedroom Door
1.5 PR Hinges
1 Privacy Set
1 Wall Stop

Set #5: Bathroom Swing Door
1.5 PR Hinges
1 Privacy Set
1 Roller Bumper (Only at Optional Acc Q/Q Studio)

Set #6: Sliding Glass Entry Door
1 Remote Reader (Inside Vestibule)
1 Intercom/Buzzer (Inside Vestibule)

Set #7: Aluminum Exercise Room
1 Advance Card Lock
1 Continuous Hinge
1 Door Closer

Set #8: Exterior Aluminum Vestibule Swinging Doors
1 Remote Reader (Inside Vestibule)
1 Intercom/Buzzer (Inside Vestibule)
2 Continuous Hinges
2 Panic Devices
2 Push/Pulls
2 Door Closers
1 Threshold
2 Door Sweeps
1 Weatherstrip

Set #9: Aluminum Pool Lobby
1 Remote Reader
1 Continuous Hinges
1 Panic Devices
1 Push/Pulls
1 Door Closers

Set #10: Interior Aluminum Vestibule Swinging Doors
2 Continuous Hinges
2 Panic Devices
2 Push/Pulls
2 Door Closers
1 Threshold
2 Door Sweeps
1 Weatherstrip

Set #11: Hollow Metal Elevator Equipment Door
1.5 PR Hinges
1 Store Room Lock
1 Door Closer
1 Weatherstrip
1 Threshold
1 Door Sweep
1 Rain Drip

Set #12: Exterior Aluminum Egress Door
1 Rim Panic Interface
1 Continuous Hinges
1 Panic Devices
1 Push/Pulls
1 Door Closers
1 Threshold
1 Door Sweeps
1 Weatherstrip

Set #13: 3 PR Hinges
1 Store Room Lock
2 Flush Bolt
2 Door Closer
1 Weatherstrip

Set #14: 1.5 PR Hinges
1 Store Room Lock
1 Door Closer
1 Weatherstrip
1 Wall Stop

SET #15: 1.5 PR HINGES
1 RIM EXIT DEVICE
1 DOOR CLOSER
1 WEATHERSTRIP
1 WALL STOP

SET #16: 1.5 PR HINGES
1 RIM PANIC INTERFACE
1 RIM EXIT DEVICE
1 DOOR CLOSER
1 WEATHERSTRIP
1 THRESHOLD
1 DOOR SWEEP
1 RAIN DRIP CAP

SET #17 1.5 PR HINGES
1 ADVANCE CARDLOCK - WING LEVER
1 DOOR CLOSER
1 WEATHERSTRIP
1 WALL STOP

SET #18: 1.5 PR HINGES
1 OFFICE LOCK
1 WALL STOP
1 DOOR CLOSER
1 MAGNETIC HOLD OPEN

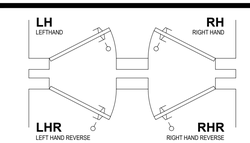
GENERAL DOOR NOTES:

1. ALL DOOR HARDWARE SHALL BE US 32D FINISH (U.N.O.)
2. ALL DOOR CYLINDERS TO BE IC CORE FORMAT TO MATCH PROPERTY STANDARDS.
3. REFER TO SHEET A10.03 FOR WALL TYPES - CROSS REFERENCE AGAINST DOOR FRAME THROAT THICKNESS
4. ALL DOORS SHALL BE PRE-FINISHED (SHOP OR FACTORY)
5. TOPS, BOTTOMS & SIDES OF ALL DOORS SHALL BE PAINTED OR STAINED TO MATCH DOOR.
6. PROVIDE CONSTRUCTION CYLINDERS DURING CONSTRUCTION. FOR DOORS REQD TO BE LOCKED REPLACE CONSTRUCTION CYLINDERS PRIOR TO HOTEL OPENING. COORDINATE W/ GENERAL CONTRACTOR.
7. ALL DOORS TO BE MASTER KEYED. COORDINATE KEYING W/ OWNER.
8. ALL LOCKSETS & CYLINDERS ARE SUPPLIED W/ FINAL CORES. PERMANENT KEYING BY DOOR SUBCONTRACTOR.
9. ALL "EXIT" DOORS MUST BE OPERABLE FROM THE INSIDE W/OUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.
10. ALL INTERIOR DOOR GLAZING & SIDELITES SHALL BE CLEAR TEMPERED GLASS (U.N.O.)
11. GLAZING AT EXTERIOR DOORS & SIDELITES SHALL BE INSULATED TEMPERED LITES -- REFER TO ELEVATIONS
12. ALL DOOR HARDWARE SHALL COMPLY W/ ACCESSIBILITY REQ'S FOR ACCESSIBILITY. - FEDERAL, STATE & LOCAL ACCESSIBILITY CODE(S).
13. ALL FULL/HALF VISION DOORS SHALL BE A MEDIUM STILE (U.N.O.)
14. ALL RATED DOORS SHALL BE PROVIDED W/ MIN. REQ'D DOOR HARDWARE REGARDLESS IF NOT SHOWN ON SCHEDULE. IF DIRECTION INDICATED OR NOTED IS SPECIFICALLY IN CONTRADICTION TO WHAT IS REQ'D. IN RATED DOORS, CONTACT ARCHITECT.
15. WHERE UNDERCUT NOT SPECIFIED, STANDARD UNDERCUT OF 3/4" FOR HM & WOOD DOORS.
16. 1 1/2" PAIR BUTT HINGES PER DOOR LEAF UP TO 7'-0". SOLID CORE WOOD OR HM DOORS FROM 7'-0" TO 10'-0" PROVIDE 2 PAIR BUTT HINGES PER DOOR LEAF. DOORS 10'-1" TO 14'-0" IN HEIGHT, PROVIDE 2 1/2 PAIR HINGES PER DOOR LEAF.
17. PROVIDE (3) SILENCERS IN SINGLE LEAF DOORS, (2) SILENCERS IN DOUBLE LEAF DOORS UNLESS PAIR OF DOORS HAS MIDDLE MULLION THEN PROVIDE A TOTAL (6) SILENCERS.
18. LOCKSET SHALL OPERATE WHERE TURNING KEY UNLATCHES DOOR WHEN PUSHBUTTON IS ENGAGED & TURNED, KEY OPERATION WILL BE REQ'D @ ALL TIMES. RELEASING PUSHBUTTON UNLOCKS DOOR.
19. REFER TO INTERIOR ELEVATIONS FOR DOOR FINISHES. DOORS SPECIFIED W/ A MILLWORK FINISH SHALL BE FINISHED BY MILLWORK CONTRACTOR TO MATCH MILLWORK IN THAT ROOM/AREA
20. PROVIDE REMOTE CARD READERS @ ALL EXTERIOR DOORS, INCLUDING MAIN ENTRY, & @ EXERCISE ROOM, INDOOR POOL, GUEST LAUNDRY & @ LINEN STORAGE ROOMS.
21. ALL EXTERIOR HOLLOW METAL DOORS SHALL BE GALVANIZED & INSULATED.
22. ALL EXTERIOR DOORS SHALL BE PROVIDED W/ AN ALUMN. DRIP EDGE ANCHORED TO UNDERSIDE OF WALL CONSTRUCTION (DOORS AS PART OF AN ALUMN. STOREFRONT SYSTEM W/ A TRANSOM LITE DO NOT REQUIRE DRIP EDGE - NOR DO DOORS THAT ARE PROTECTED UNDER CANOPIES.
23. ALL EXTERIOR DOORS SHALL HAVE THE TOP OF THE DOOR SLAB CONSTRUCTED IN SUCH A WAY TO SHED & THEREFORE PREVENT WATER FROM COLLECTING/SITTING WIN THE TOP OF THE DOOR SLAB. JOINTS SHALL BE MINIMIZED @ THE TOP OF DOOR SLAB, ANY CONSTRUCTION JOINTS SHALL BE FULLY WEATHER TIGHT.
24. GLAZING @ EXTERIOR DOORS & SIDELITES SHALL BE LOW-E INSULATED LAMINATED IMPACT RATED GLASS LIGHTS.-- REFER TO ELEVATIONS & WINDOW SCHEDULE(S) FOR GLASS COLOR & SPECS.
25. SIGNAGE SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF DOORS. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MIN AFF MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MAX AFF MEASURED FROM THE BASELINE OF THE HIGHEST CHARACTER.
26. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL INFO REGARDING DOOR & DOOR HARDWARE REQ'S.
27. ALL DOOR HARDWARE SETS LISTED ARE RECOMMENDED ITEMS. REFER TO THE STANDARDS MANUAL FOR REQ'S.
28. **ALL** DOORS MUST HAVE A 32" MIN. CLEAR WIDTH OPENING WHEN DOOR IS FULLY OPEN.
29. THRESHOLDS @ ACCESSIBLE DOORS TO MEET ALL APPROPRIATE ACCESSIBILITY REQS. ACCESSIBLE DOORS INCLUDE ALL PUBLIC ACCESS SPACES, ALL PUBLIC EXTERIOR DOORS, ALL EGRESS DOORS, & EMPLOYEE DOORS THAT ARE INDICATED W/ A CLEAR FLOOR AREA.
30. EXTERIOR DOORS MUST HAVE WEATHER-STRIPPING W/ THE APPROPRIATE TYPE OF THRESHOLD.
31. OUT-SWINGING EXTERIOR METAL DOORS MUST HAVE CLOSED TOPS.
32. ALL ROOFTOP EXITS (DOORS & HATCHES) MUST BE EQUIPPED W/ A PANIC BAR OR OTHER RELEASING DEVICE, LATCHING HARDWARE, & ALARM THAT IS MONITORED IN THE SECURITY DISPATCH OFFICE OR PBX. THESE DOORS MUST HAVE A SIGN ON THE INSIDE FACE INDICATING THE DOOR IS ALARMED & TO BE USED IN EMERGENCY SITUATIONS ONLY, IF ACCESSIBLE TO THE PUBLIC.

ABBREVIATIONS: *

14	14 GAUGE HOLLOW METAL
16	16 GAUGE HOLLOW METAL
18	18 GAUGE HOLLOW METAL
ALUM	ALUMINUM
ANO	ANODIZED
COMM	COMMUNICATING
DBL	DOUBLE
ET	ETCHED
FV	FIELD VERIFY
GALV	GALVANIZED
GL	GLASS/GLAZING
HC	HOLLOW CORE
HM	HOLLOW METAL
HVY WT	HEAVY WEIGHT
INT	INTERIOR DESIGN DRAWINGS
K	KAWNEER FINISH
LH	LEFT HAND
LHA	LEFT HAND - ACTIVE LEAF
LHR	LEFT HAND REVERSE BEVEL
LHRA	LEFT HAND REVERSE - ACTIVE LEAF
LVL	LEVEL
MF	4" MASONRY HEADER FRAME
OHCC	OVERHEAD CONCEALED CLOSER
PR	PAIR
PT	PAINT
PGB	PAINT GRADE BIRCH
PSNB	PLAIN SLICED NATURAL BIRCH - PREFINISHED CUSTOM COLOR
PSWB	PLAIN SLICED SELECT WHITE BIRCH - PREFINISHED CUSTOM COLOR
PSWM	PLAIN SLICED WHITE MAPLE - PREFINISHED CUSTOM COLOR
RTP	REFER TO PLANS
RH	RIGHT HAND
RHA	RIGHT HAND - ACTIVE LEAF
RHR	RIGHT HAND REVERSE BEVEL
RHRA	RIGHT HAND REVERSE - ACTIVE LEAF
SC	SOLID CORE
SGL	SINGLE
SM	SURFACE MOUNTED
SSLD	SOLID STILE LOUVERED DOOR
SST	STAINLESS STEEL
STRFT	STOREFRONT (ALUMN.)
STL	STEEL
ST	STAIN
ST+PT	STAIN PUBLIC SIDE, PAINT GUESTROOM OR "BACK OF HOUSE SIDE"
TMF	TIMELY METAL FRAME
V/F	VERIFY IN FIELD
W	WELDED
WD	WOOD
*	REFER ALSO TO INDEX SHEET TYPICAL

HANDING DIAGRAMS:



HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

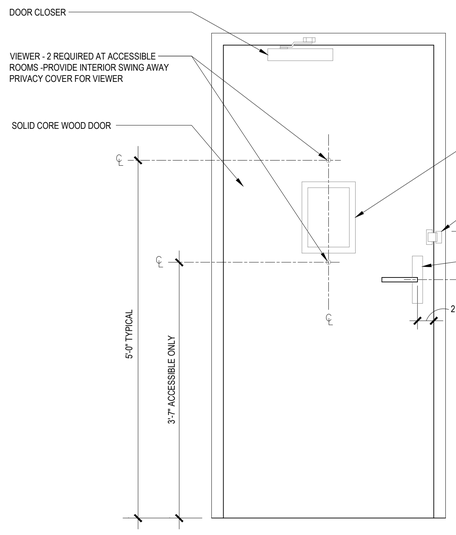
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
DOOR SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A10.01

Standard Guest Room Entry Door

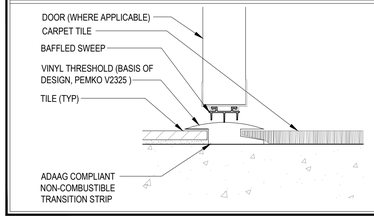


NOTES: VERIFY ALL DIMENSIONS WITH MANUFACTURER/ INDUSTRY STANDARDS/ APPLICABLE CODES
VIEWER ARRANGEMENTS SIMILAR FOR OPTIONAL MEETING ROOM DOORS. VIEWERS FACE INTO THE ROOM IN MEETING ROOMS.

1 A10.02 ELEVATION AT GUEST ROOM ENTRY DOOR
SCALE: 1" = 1'-0"

Threshold Detail at Guestroom Entry Door

Threshold Detail at Guestroom Entry Door



AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

GLAZING NOTES:

1. (LAM.) INDICATES LOW(E) INSULATED LAMINATED IMPACT RESISTANT GLASS.
2. (TEMP.) INDICATES LOW(E) INSULATED TEMPERED GLASS
3. SEE U-FACTOR AND V-FACTOR REQUIREMENTS FOR GLAZING COMPONENTS ON CODE SHEETS
4. ALL EXTERIOR STOREFRONT & WINDOW GLASS TO BE IMPACT RESISTANT INSULATED LAMINATED LOW-E GLAZING FOR WIND BORNE DEBRIS REGION. GLAZING SHOULD BE TESTED IN ACCORDANCE WITH ASTM E 1996 FOR LARGE MISSILE IMPACT TEST

Door Schedule "REMARKS" Key

a. PROVIDE (2) DOORS FOR EACH COMMUNICATING DOOR LOCATION

b. SLIDING AUTOMATIC ENTRANCE: BASIS OF DESIGN IS BESAM UNISLIDE OC-S, OVERHEAD CONCEALED FIXED SIDE-LITE, NARROW STILE SINGLE SLIDE DOOR SYSTEM

c. ALUMINUM DOOR WITHIN STOREFRONT FRAME: BASIS OF DESIGN IS KAWNEER 500 WIDE STILE DOORS. DOORS & FRAMES TO BE PAINTED, ALL HARDWARE & TRIM TO BE CLEAR ANODIZED ALUMINUM OR US32D. REFER TO ELEVATIONS.

d. DOORS ON MAGNETIC HOLD OPENS TO TIED INTO FIRE ALARM SYSTEM AND TO RELEASE WHEN ALARM IS ACTUATED

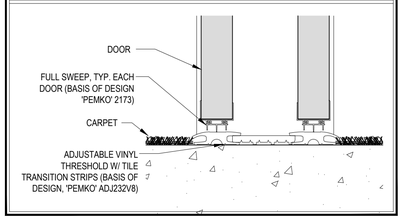
e. POCKET DOOR KIT - BASIS OF DESIGN IS JOHNSON DOOR KIT MODEL 2000

f. OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES WHEN SLIDING DOOR IS IN THE FULLY OPEN POSITION.

g. PROVIDE (1) REMOTE READER AND (1) INTERCOM/BUZZER--REFER TO HARDWARE SET #8/A10.01 FOR MANUFACTURER AND MODEL

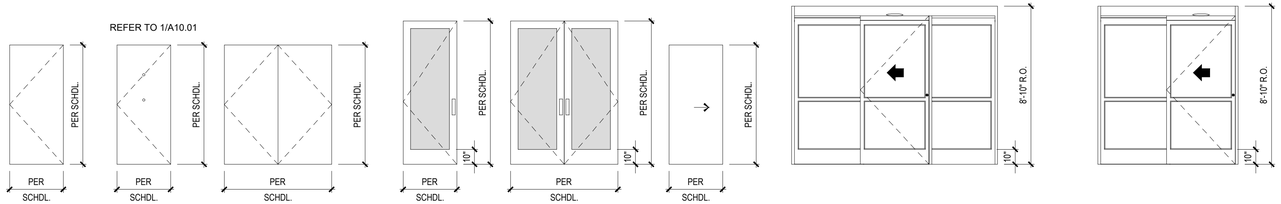
h. SLIDING POCKET DOORS MUST HAVE A CLEAR OPENING WIDTH OF 32" WHEN FULLY OPEN - HARDWARE MAY NOT PROTRUDE INTO CLEAR OPENING

Threshold Detail at Connecting Door



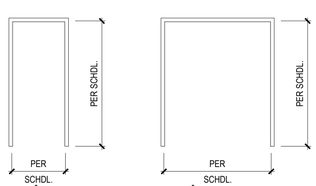
Door Types

NOTE:
ALL DOORS THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL PROVIDE A SMOOTH SURFACE WITHIN 10" AFF VERTICALLY ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF A SWINGING DOOR.



D1 FLUSH DOOR
D2 GUEST ROOM ENTRY
D3
D4 ALUM STOREFRONT
D5 ALUM STOREFRONT
D6 FLUSH POCKET
D7 ALUM SLIDING
D8 ALUM SLIDING

Frame Types



F1
F2

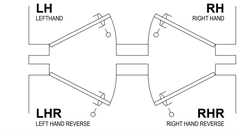
GENERAL DOOR NOTES:

1. ALL DOOR HARDWARE SHALL BE US 32D FINISH (U.N.O.)
2. ALL DOOR CYLINDERS TO BE IC CORE FORMAT TO MATCH PROPERTY STANDARDS.
3. REFER TO SHEET A10.03 FOR WALL TYPES - CROSS REFERENCE AGAINST DOOR FRAME THROAT THICKNESS
4. ALL DOORS SHALL BE PRE-FINISHED (SHOP OR FACTORY)
5. TOPS, BOTTOMS & SIDES OF ALL DOORS SHALL BE PAINTED OR STAINED TO MATCH DOOR.
6. PROVIDE CONSTRUCTION CYLINDERS DURING CONSTRUCTION. FOR DOORS REQ'D TO BE LOCKED REPLACE CONSTRUCTION CYLINDERS PRIOR TO HOTEL OPENING. COORDINATE W/ GENERAL CONTRACTOR.
7. ALL DOORS TO BE MASTER KEYED. COORDINATE KEYING W/ OWNER.
8. ALL LOCKSETS & CYLINDERS ARE SUPPLIED W/ FINAL CORES. PERMANENT KEYING BY DOOR SUBCONTRACTOR.
9. ALL 'EXIT' DOORS MUST BE OPERABLE FROM THE INSIDE W/OUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.
10. ALL INTERIOR DOOR GLAZING & SIDELITES SHALL BE CLEAR TEMPERED GLASS (U.N.O.)
11. GLAZING AT EXTERIOR DOORS & SIDELITES SHALL BE INSULATED TEMPERED LITES -- REFER TO ELEVATIONS
12. ALL DOOR HARDWARE SHALL COMPLY W/ ACCESSIBILITY REQ'S FOR ACCESSIBILITY - FEDERAL, STATE & LOCAL ACCESSIBILITY CODE(S).
13. ALL FULL/HALF VISION DOORS SHALL BE A MEDIUM STILE (U.N.O.)
14. ALL RATED DOORS SHALL BE PROVIDED W/ MIN. REQ'D DOOR HARDWARE REGARDLESS IF NOT SHOWN ON SCHEDULE. IF DIRECTION INDICATED OR NOTED IS SPECIFICALLY IN CONTRADICTION TO WHAT IS REQ'D. IN RATED DOORS, CONTACT ARCHITECT.
15. WHERE UNDERCUT NOT SPECIFIED, STANDARD UNDERCUT OF 3/4" FOR HM & WOOD DOORS.
16. 1 1/2" PAIR BUTT HINGES PER DOOR LEAF UP TO 7'-0". SOLID CORE WOOD OR HM DOORS FROM 7'-0" TO 10'-0" PROVIDE 2 PAIR BUTT HINGES PER DOOR LEAF. DOORS 10'-1" TO 14'-0" IN HEIGHT, PROVIDE 2 1/2 PAIR HINGES PER DOOR LEAF.
17. PROVIDE (3) SILENCERS IN SINGLE LEAF DOORS, (2) SILENCERS IN DOUBLE LEAF DOORS UNLESS PAIR OF DOORS HAS MIDDLE MULLION THEN PROVIDE A TOTAL (8) SILENCERS
18. LOCKSET SHALL OPERATE WHERE TURNING KEY UNLATCHES DOOR WHEN PUSHBUTTON IS ENGAGED & TURNED, KEY OPERATION WILL BE REQ'D @ ALL TIMES. RELEASING PUSHBUTTON UNLOCKS DOOR.
19. REFER TO INTERIOR ELEVATIONS FOR DOOR FINISHES. DOORS SPECIFIED W/ A MILLWORK FINISH SHALL BE FINISHED BY MILLWORK CONTRACTOR TO MATCH MILLWORK IN THAT ROOM/AREA
20. PROVIDE REMOTE CARD READERS @ ALL EXTERIOR DOORS, INCLUDING MAIN ENTRY, & @ EXERCISE ROOM, INDOOR POOL, GUEST LAUNDRY & @ LINEN STORAGE ROOMS.
21. ALL EXTERIOR HOLLOW METAL DOORS SHALL BE GALVANIZED & INSULATED.
22. ALL EXTERIOR DOORS SHALL BE PROVIDED W/ AN ALUMN. DRIP EDGE ANCHORED TO UNDERSIDE OF WALL CONSTRUCTION (DOORS AS PART OF AN ALUMN. STOREFRONT SYSTEM W/ A TRANSOM LITE DO NOT REQUIRE DRIP EDGE - NOR DO DOORS THAT ARE PROTECTED UNDER CANOPIES.
23. ALL EXTERIOR DOORS SHALL HAVE THE TOP OF THE DOOR SLAB CONSTRUCTED IN SUCH A WAY TO SHED & THEREFORE PREVENT WATER FROM COLLECTING/SITTING WIN THE TOP OF THE DOOR SLAB. JOINTS SHALL BE MINIMIZED @ THE TOP OF DOOR SLAB, ANY CONSTRUCTION JOINTS SHALL BE FULLY WEATHER TIGHT.
24. GLAZING @ EXTERIOR DOORS & SIDELITES SHALL BE LOW-E INSULATED LAMINATED IMPACT RATED GLASS LIGHTS.-- REFER TO ELEVATIONS & WINDOW SCHEDULE(S) FOR GLASS COLOR & SPECS.
25. SIGNAGE SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF DOORS. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MIN AFF MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MAX AFF MEASURED FROM THE BASELINE OF THE HIGHEST CHARACTER.
26. REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL FOR ADDITIONAL INFO REGARDING DOOR & DOOR HARDWARE REQ'S.
27. ALL DOOR HARDWARE SETS LISTED ARE RECOMMENDED ITEMS. REFER TO THE STANDARDS MANUAL FOR REQ'S.
28. **ALL** DOORS MUST HAVE A 32" MIN. CLEAR WIDTH OPENING WHEN DOOR IS FULLY OPEN.
29. THRESHOLDS @ ACCESSIBLE DOORS TO MEET ALL APPROPRIATE ACCESSIBILITY REGS. ACCESSIBLE DOORS INCLUDE ALL PUBLIC ACCESS SPACES, ALL PUBLIC EXTERIOR DOORS, ALL EGRESS DOORS, & EMPLOYEE DOORS THAT ARE INDICATED W/ A CLEAR FLOOR AREA.
30. EXTERIOR DOORS MUST HAVE WEATHER-STRIPPING W/ THE APPROPRIATE TYPE OF THRESHOLD.
31. OUT-SWINGING EXTERIOR METAL DOORS MUST HAVE CLOSED TOPS.
32. ALL ROOFTOP EXITS (DOORS & HATCHES) MUST BE EQUIPPED W/ A PANIC BAR OR OTHER RELEASING DEVICE, LATCHING HARDWARE, & ALARM THAT IS MONITORED IN THE SECURITY DISPATCH OFFICE OR PBX. THESE DOORS MUST HAVE A SIGN ON THE INSIDE FACE INDICATING THE DOOR IS ALARMED & TO BE USED IN EMERGENCY SITUATIONS ONLY, IF ACCESSIBLE TO THE PUBLIC.

ABBREVIATIONS: *

14	14 GAUGE HOLLOW METAL
16	16 GAUGE HOLLOW METAL
18	18 GAUGE HOLLOW METAL
ALUM	ALUMINUM
ANO	ANODIZED
COMM	COMMUNICATING
DBL	DOUBLE
ET	ETCHED
FV	FIELD VERIFY
GALV	GALVANIZED
GL	GLASS/GLAZING
HC	HOLLOW CORE
HM	HOLLOW METAL
HVY WT	HEAVY WEIGHT
INT	INTERIOR DESIGN DRAWINGS
K	KAWNEER FINISH
LH	LEFT HAND
LHA	LEFT HAND - ACTIVE LEAF
LHR	LEFT HAND REVERSE BEVEL
LHRA	LEFT HAND REVERSE - ACTIVE LEAF
LVL	LEVEL
MF	4" MASONRY HEADER FRAME
OHCC	OVERHEAD CONCEALED CLOSER
PR	PAIR
PT	PAINT
PGB	PAINT GRADE BIRCH
PSNB	PLAIN SLICED NATURAL BIRCH - PREFINISHED CUSTOM COLOR
PSWB	PLAIN SLICED SELECT WHITE BIRCH - PREFINISHED CUSTOM COLOR
PSWM	PLAIN SLICED WHITE MAPLE - PREFINISHED CUSTOM COLOR
RTP	REFER TO PLANS
RH	RIGHT HAND
RHA	RIGHT HAND - ACTIVE LEAF
RHR	RIGHT HAND REVERSE BEVEL
RHRA	RIGHT HAND REVERSE - ACTIVE LEAF
SC	SOLID CORE
SGL	SINGLE
SM	SURFACE MOUNTED
SSLD	SOLID STILE LOUVERED DOOR
SST	STAINLESS STEEL
STRFT	STOREFRONT (ALUMN.)
STL	STEEL
ST	STAIN
ST+PT	STAIN PUBLIC SIDE, PAINT GUESTROOM OR "BACK OF HOUSE SIDE"
TMF	TIMELY METAL FRAME
V/F	VERIFY IN FIELD
W	WELDED
WD	WOOD
	* REFER ALSO TO INDEX SHEET TYPICAL

HANDING DIAGRAMS:



HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

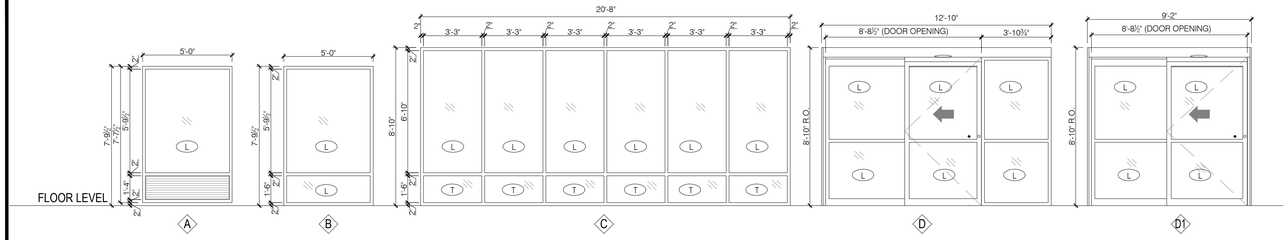
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

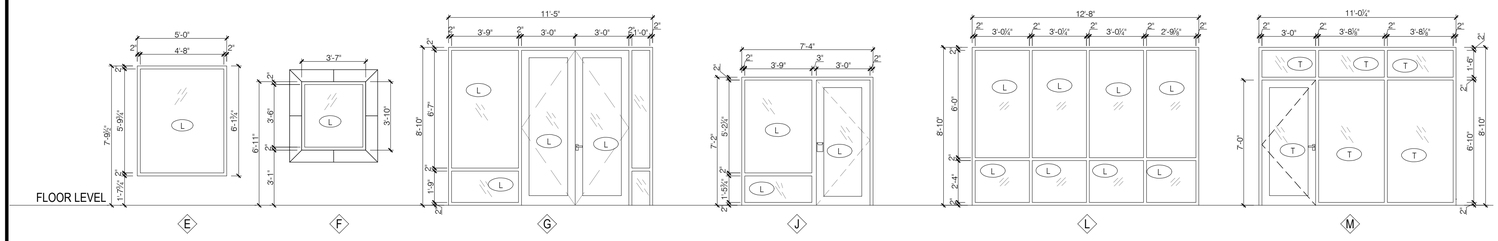
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
DOOR SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A10.02





WINDOW SCHEDULE						
TYPE	DESCRIPTION	LOCATION	W	H	FRAME MATERIAL	WINDOW NOTES
A	FIXED	GUEST ROOM WINDOWS	5'-0"	7'-9.5"	ALUM STOREFRONT	
B	FIXED	WINDOW AT PUBLIC SPACES	5'-0"	7'-9.5"	ALUM STOREFRONT	
C	FIXED	LOUNGE	20'-8"	8'-10"	ALUM STOREFRONT	
D	SLIDING DOOR	VESTIBULE & LOBBY	12'-10"	8'-10" (RO)	ALUM STOREFRONT	ENTRANCE DOOR
D1	SLIDING DOOR	VESTIBULE & LOBBY	9'-2"	8'-10" (RO)	ALUM STOREFRONT	ENTRANCE DOOR
E	FIXED	TYPICAL FLOOR CORRIDORS	5'-0"	6'-1.75"	ALUM STOREFRONT	
F	FIXED	TYPICAL FLOOR BOH	3'-7"	3'-10"	ALUM STOREFRONT	
G	FIXED	EXIT AT LOBBY	11'-5"	8'-10"	ALUM STOREFRONT	
J	FIXED	EXIT AT POOL	7'-4"	7'-2"	ALUM STOREFRONT	OPENING SIZE
L	FIXED	FITNESS ROOM	12'-8"	8'-10"	ALUM STOREFRONT	
M	FIXED	FITNESS ROOM	11'-01/4"	8'-10"	ALUM STOREFRONT	

GLAZING NOTES:
1. (LAM.) INDICATES LOW(E) INSULATED LAMINATED IMPACT RESISTANT GLASS.
2. (TEMP.) INDICATES LOW(E) INSULATED TEMPERED GLASS
3. SEE U-FACTOR AND V-FACTOR REQUIREMENTS FOR GLAZING COMPONENTS ON CODE SHEETS
4. ALL EXTERIOR STOREFRONT & WINDOW GLASS TO BE IMPACT RESISTANT INSULATED LAMINATED LOW-E GLAZING FOR WIND BORNE DEBRIS REGION. GLAZING SHOULD BE TESTED IN ACCORDANCE WITH ASTM E 1996 FOR LARGE MISSILE IMPACT TEST

GENERAL DOOR NOTES:

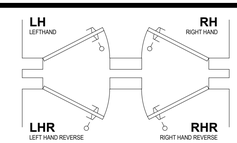
1. SEE WALL PROFILES FOR GUESTROOM WINDOW SILL HEIGHTS.
2. WHERE POSSIBLE ALIGN WINDOW HEADER HEIGHT SO THAT WINDOW HEAD TRIM IS AT THE SAME HEIGHT AS ADJACENT DOOR TRIM.
3. ALL EXTERIOR STOREFRONT AND WINDOWS SHOULD BE IMPACT RATED PER SCHEDULE. PROVIDE TEMPERED GLASS AS SHOWN IN THE SCHEDULE

ABBREVIATIONS: *

14	14 GAUGE HOLLOW METAL
16	16 GAUGE HOLLOW METAL
18	18 GAUGE HOLLOW METAL
ALUM	ALUMINUM
ANO	ANODIZED
COMM	COMMUNICATING
DBL	DOUBLE
ET	ETCHED
FV	FIELD VERIFY
GALV	GALVANIZED
GL	GLASS/GLAZING
HC	HOLLOW CORE
HM	HOLLOW METAL
HVY WT	HEAVY WEIGHT
INT	INTERIOR DESIGN DRAWINGS
K	KAWNEER FINISH
LH	LEFT HAND
LHA	LEFT HAND - ACTIVE LEAF
LHR	LEFT HAND REVERSE BEVEL
LHRA	LEFT HAND REVERSE - ACTIVE LEAF
LVL	LEVEL
MF	4" MASONRY HEADER FRAME
OHCC	OVERHEAD CONCEALED CLOSER
PR	PAIR
PT	PAINT
PGB	PAINT GRADE BIRCH
PSNB	PLAIN SLICED NATURAL BIRCH - PREFINISHED CUSTOM COLOR
PSWB	PLAIN SLICED SELECT WHITE BIRCH - PREFINISHED CUSTOM COLOR
PSWM	PLAIN SLICED WHITE MAPLE - PREFINISHED CUSTOM COLOR
RTP	REFER TO PLANS
RH	RIGHT HAND
RHA	RIGHT HAND - ACTIVE LEAF
RHR	RIGHT HAND REVERSE BEVEL
RHRA	RIGHT HAND REVERSE - ACTIVE LEAF
SC	SOLID CORE
SGL	SINGLE
SM	SURFACE MOUNTED
SSLD	SOLID STILE LOUVERED DOOR
SST	STAINLESS STEEL
STRFT	STOREFRONT (ALUMIN.)
STL	STEEL
ST	STAIN
ST+PT	STAIN PUBLIC SIDE, PAINT GUESTROOM OR "BACK OF HOUSE SIDE"
TMF	TIMELY METAL FRAME
VIF	VERIFY IN FIELD
W	WELDED
WD	WOOD

★ REFER ALSO TO INDEX SHEET TYPICAL

HANDING DIAGRAMS:



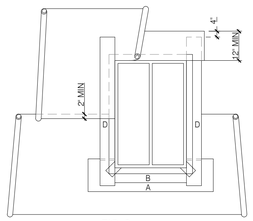


FIG. 6
INSTALL DRIP FLASHING PIECE (NOT SHOWN) ACROSS TOP OF FRAME. APPLY FLASHING PAPER "E" AT HEAD, OVERLAPPING DRIP FLASHING AND JAMB PIECES. WEATHER BARRIER PAPER, APPLIED WITH EXTERIOR FINISH MATERIAL, IS APPLIED SHINGLE FASHION. PIECE "F" UNDERLAY THE SILL PIECE. PIECE "G" SHOULD OVERLAP PIECE "F"BY AT LEAST 2".

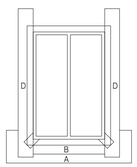


FIG. 5
SET WINDOW NAILING FLANGE INTO SEALANT AND FASTEN TO STRUCTURE

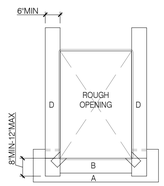


FIG. 4
INSTALL FLASHING PAPER PIECE "D" AT JAMBS. ATTACH AT EDGE OF OPENING ONLY; APPLY A BEAD OF SEALANT WITHIN ½" OF OPENING

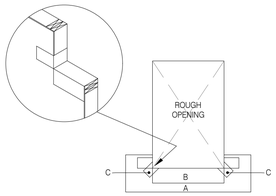


FIG. 3
INSTALL 4" WIDE BUTTERFLY FLASHING PIECE "C" AT LOWER CORNERS OF OPENING, OVER THE SILL FLASHING , THEN FOLDED OVER THE EXTERIOR SURFACES OF THE SILL FLASHING AND PRESSED INTO PLACE

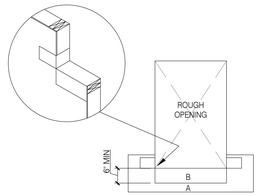


FIG. 2
INSTALL SILL FLASHING PIECE "B"; EXTEND SILL FLASHING UP JAMB 4" MIN.

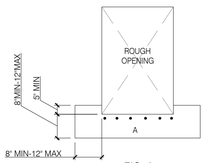


FIG. 1
INSTALL FLASHING PAPER; SILL PIECE "A" FIRST, ATTACH AT EDGE OF OPENING ONLY.

MATERIALS
FLASHING PAPER AND WEATHER BARRIER PAPER: PER FEDERAL SPECIFICATION UU-B-90a; VAPOR BARRIER COATED AND REINFORCED. SEE SPECIFICATIONS FOR GRADE.

SILL FLASHING AND BUTTERFLY: 25 MIL BITUTHENE (VYCOR PLUS)
DRIP FLASHING: PER SPECIFICATIONS

AIR & MOISTURE BARRIER NOTES:

1. OVERLAP ALL HORIZONTAL AND VERTICAL SEAMS BY 6" MINIMUM.
2. TAPE AND SEAL ALL SEAMS, BOTH VERTICAL AND HORIZONTAL WITH TAPE APPROVED BY AIR AND MOISTURE BARRIER MANUFACTURER.
3. PROVIDE SPRAY APPLIED AIR TIGHT FOAM INSULATING AIR SEAL ALL AROUND DOOR/WINDOW FRAMES. SEAL ALL GAPS AND PENETRATIONS FROM INSIDE AND OUTSIDE THE BUILDING.
4. PROVIDE CONT. FLASHING WITH BACKER ROD AND SEALANT AT WINDOW SILL AND LINTEL.
5. FILL ALL AIR GAPS AT WINDOW JAMB WITH SPRAY APPLIED FOAM INSULATION

1 / 10.02a WINDOW SCHEDULE
SCALE: 1/4" = 1'-0"

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P.(770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

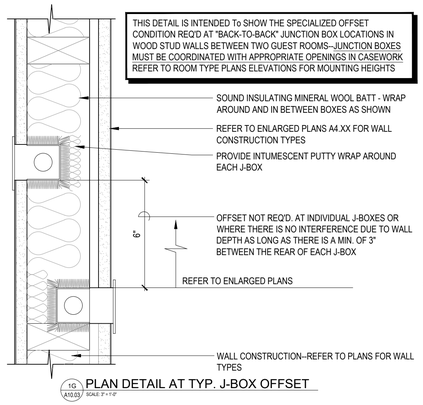
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
WINDOW SCHEDULE & DETAILS

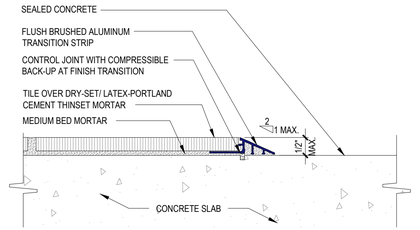
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A10.02a



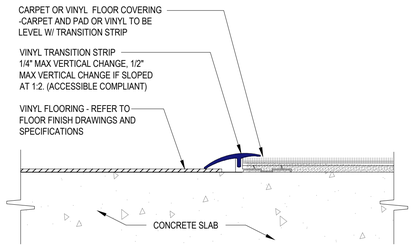
1G A10.03 SCALE: 3" = 1'-0"

PLAN DETAIL AT TYP. J-BOX OFFSET



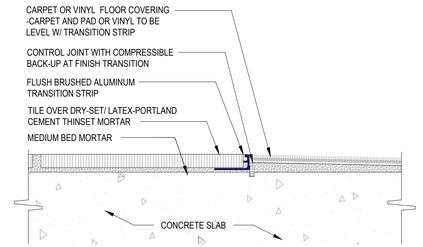
1E A10.03 SCALE: 6" = 1'-0"

FLOOR TRANSITION



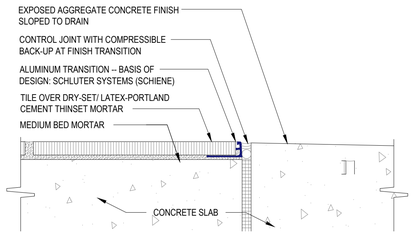
11C A10.03 SCALE: 6" = 1'-0"

FLOOR TRANSITION



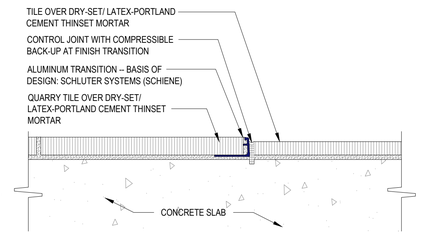
15C A10.03 SCALE: 6" = 1'-0"

FLOOR TRANSITION



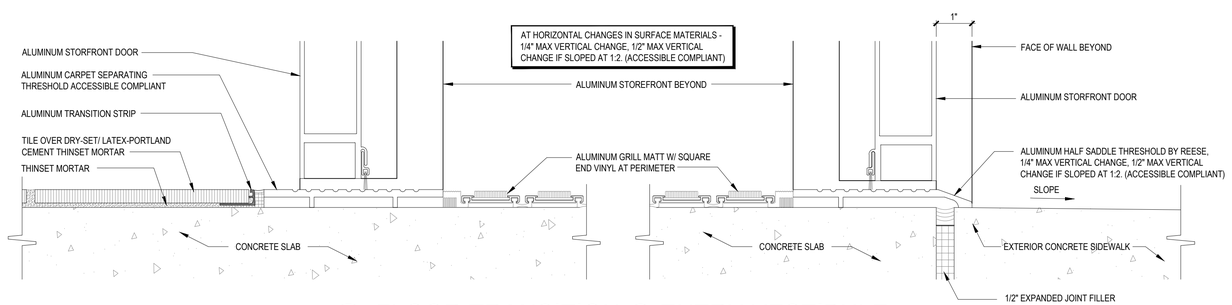
11A A10.03 SCALE: 6" = 1'-0"

FLOOR TRANSITION



15A A10.03 SCALE: 6" = 1'-0"

FLOOR TRANSITION



1A A10.03 SCALE: 6" = 1'-0"

FLOOR TRANSITION @ ENTRY VESTIBULE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM" DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

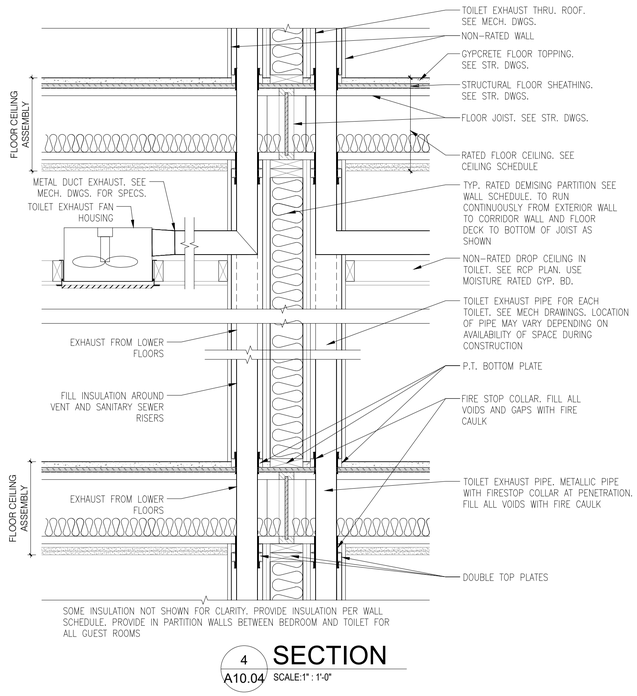
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
TYPICAL FLOOR DETAILS

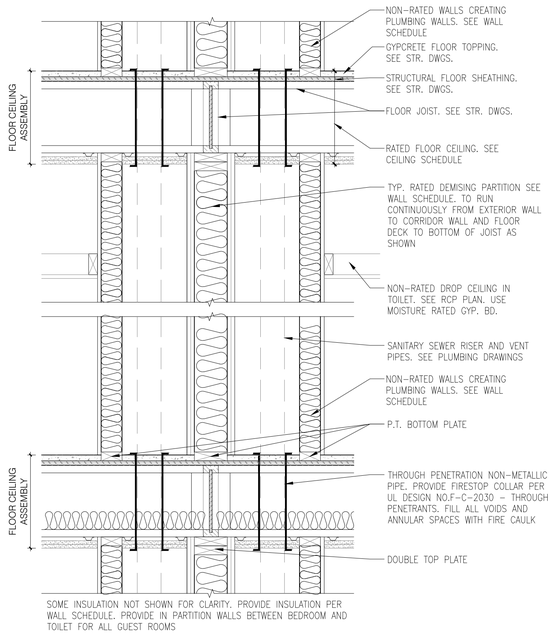
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

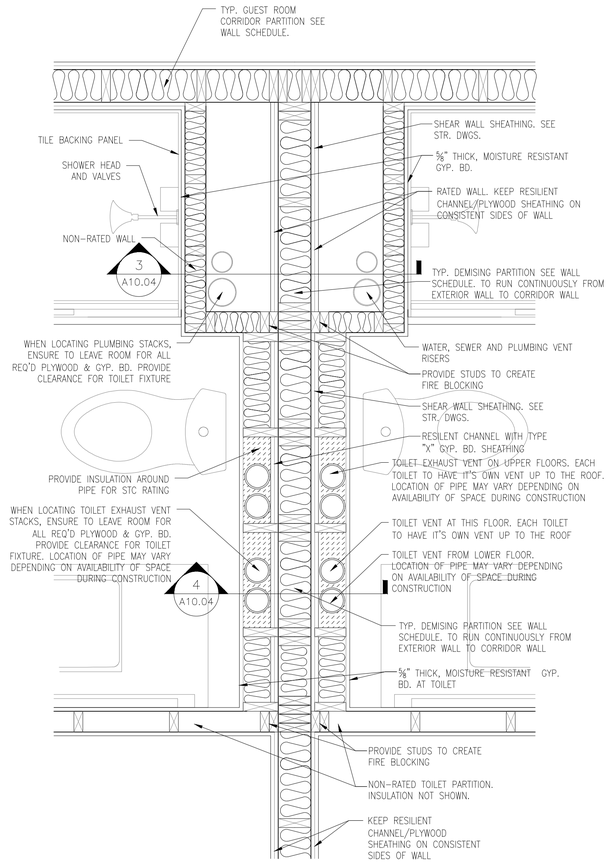
A10.03



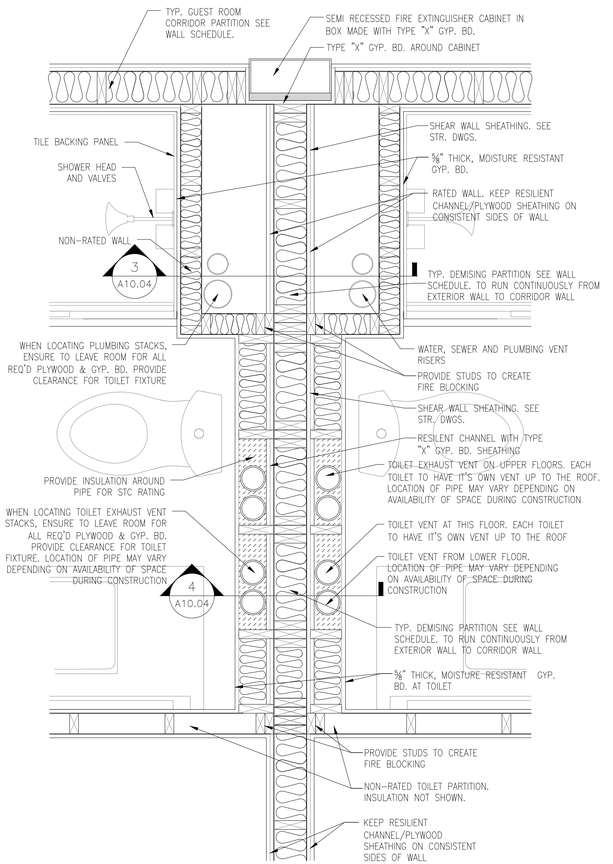
4 SECTION
A10.04 SCALE:1" : 1'-0"



3 SECTION
A10.04 SCALE:1" : 1'-0"



2 PLUMBING WALL DETAIL
A10.04 SCALE: 1" : 1'-0"



1 PLUMBING WALL DETAIL
A10.04 SCALE: 1" : 1'-0" W/FIRE EXTINGUISHER CABINET

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 PhFax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

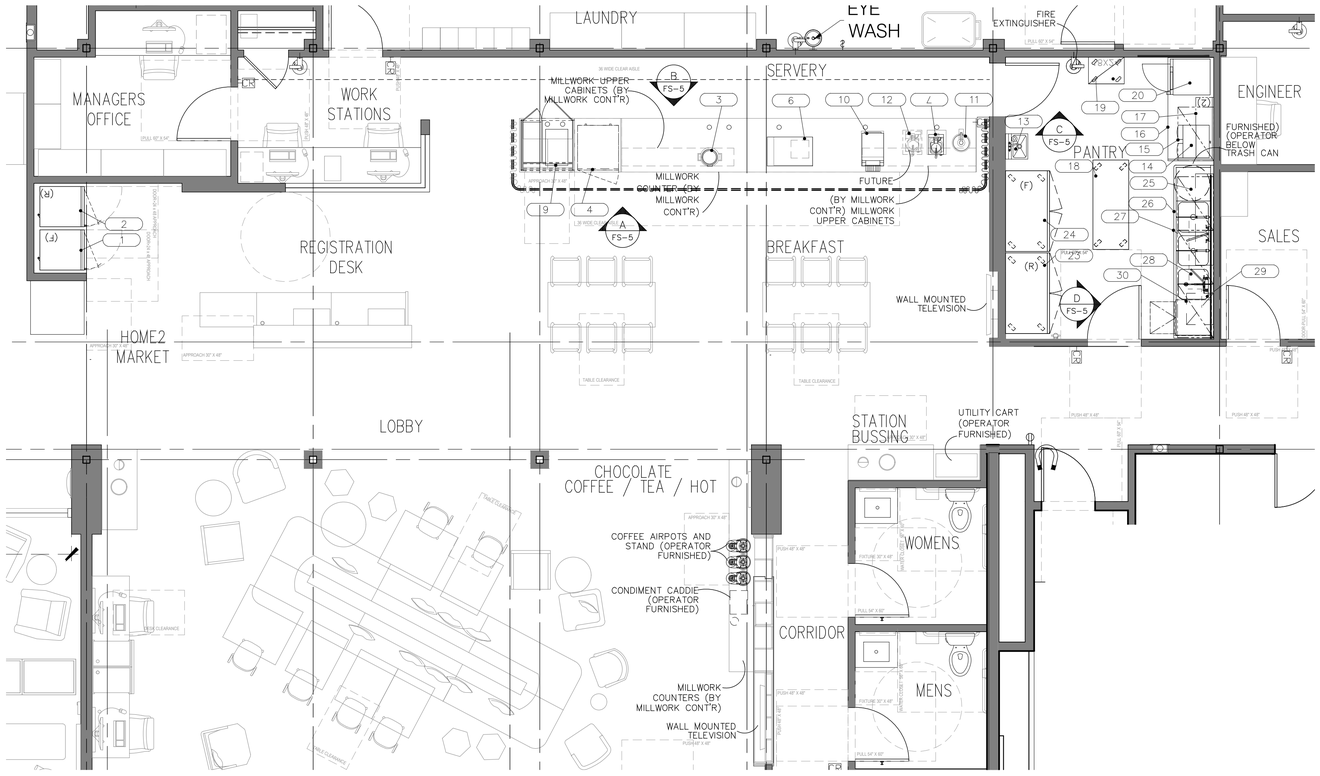
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING WALL DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A10.04



1 FS-1 SERVERY/PANTRY EQUIPMENT PLAN

SCALE: 1/4" : 1'-0"

EQUIPMENT SCHEDULE

R	Item No	Qty	DESCRIPTION
	1	1	DISPLAY FREEZER
	2	1	DISPLAY REFRIGERATOR
	3	1	WARMING KETTLE
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR
	5	–	SPARE
	6	1	WARMING DISPLAY CABINET
	7	1	WAFFLE IRON (OPERATOR FURNISHED)
	8	–	SPARE NUMBER
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)
	10	1	CONVEYOR TOASTER
	11	1	BATTER MIX STARTER KIT (OPERATOR FURNISHED)
	12	1	WAFFLE IRON (FUTURE) (OPERATOR FURNISHED)
	13	1	HAND SINK W/ SOAP & TOWEL DISPENSER
	14	1	COFFEE MAKER (OPERATOR FURNISHED)
	15	1	WALL SHELF (HIGH MOUNT)
	16	1	WORK TABLE
	17	2	WALL SHELF
	18	1	MOBILE TABLE
	19	1	MOBILE STORAGE SHELVING
	20	1	CONVECTION OVEN (VENTLESS)
	21	–	SPARE NUMBER
	22	–	SPARE NUMBER
	23	1	MOBILE REACH-IN REFRIGERATOR
	24	1	MOBILE REACH-IN FREEZER
	25	1	UTENSIL RACK W/ SHELF
	26	1	DISH/ POT WASHING SINKS
	27	3	WALL SHELF (HIGH MOUNT)
	28	1	PRE-RINSE W/ FAUCET
	29	1	RACK SHELF (WALL MOUNT)
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN SOLUTIONS" AND "OM" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

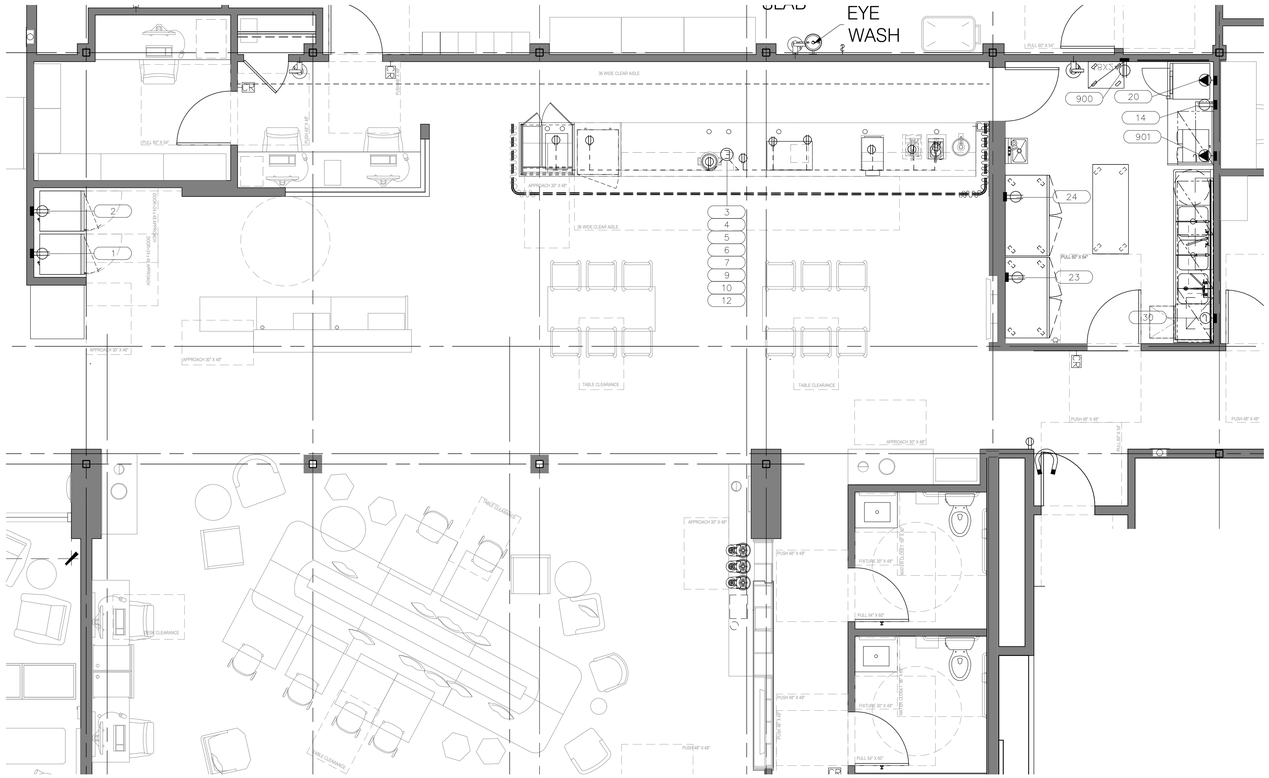
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SERVERY/PANTRY EQUIPMENT PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

FS-1



ELECTRICAL NOTES

1. ELECTRICAL PLAN SHOWS ROUGH-IN POINTS AND SCHEDULED CONNECTIONS. KITCHEN EQUIPMENT CONTRACTOR WILL PROVIDE DIMENSIONED ROUGH-IN DRAWINGS FOR CONSTRUCTION.
2. ELECTRICAL SYSTEM IS DESIGNED FOR 120/208 VOLTS, 1&3 PHASE, 60 HERTZ, 4 WIRE SYSTEM.
3. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL ALL JUNCTION BOXES, RECEPTACLES, COVER PLATES, PULL BOXES, CONDUIT AND WIRING EXCEPT WHERE NOTED. RECEPTACLES AND COVER PLATES SHALL BE BRUSHED STAINLESS STEEL FURNISHED BY ELECTRICAL DIVISION.
4. ALL CONDUIT RUNS INDICATED FOR REFRIGERATION, DRINK AND LIQUOR SYSTEM LINES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL DIVISION. CONDUIT SHALL HAVE 24" (600MM) MINIMUM RADIUS BENDS.
5. KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL FOR FABRICATED COUNTERS AS NOTED COMPLETE WITH JUNCTION BOXES, CONDUIT, SURFACE MOUNTED ELECTRICAL BOXES, RECEPTACLES, COVER PLATES, ELECTRICAL RACEWAYS, CIRCUIT BREAKER PANEL AND WIRING. ELECTRICAL DIVISION TO MAKE FINAL CONNECTION.
6. ADDITIONAL CONVENIENCE RECEPTACLES, TELEPHONE AND INTERCOM JACKS AND TEMPERATURE MONITORING SYSTEM ETC.. SHALL BE LOCATED AS REQUIRED BY CODE.
7. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL EMPTY CONDUIT WITH JUNCTION BOXES FOR INSTALLATION OF OWNER SUPPLIED I.T. EQUIPMENT INCLUDING POS/ ELECTRONIC CASH CONTROL SYSTEM. ELECTRICAL DIVISION TO VERIFY INSTALLATION IN ACCORDANCE WITH OWNER'S REQUIREMENTS AND MANUFACTURER'S INSTRUCTIONS.

ELECTRICAL SYMBOLS

- DUPLEX RECT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNTED
- SIMPLEX RECT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNTED
- SPECIAL PURPOSE OUTLET, VOLTAGE AS INDICATED, GROUND TYPE, HORIZONTAL MOUNTED
- (J) JUNCTION BOX, HORIZONTAL MOUNTED
- (E) ELECTRICAL CONDUIT, STUB AS INDICATED FOR DIRECT CONNECTION
- FLOOR/CEILING RECEPTACLE AS INDICATED
- SWITCH
- FIXTURE MOUNTED JUNCTION BOX
- FIXTURE MOUNTED RECEPTACLE
- (2) DUPLEX RECT., 120-V, EMPTY JBOX WITH CONDUIT INTERCONNECTING P.O.E. PRE-CHECK & PRINTERS, ADD PHONE LINE
- FIXTURE MOUNTED ELECTRICAL PANEL
- INCANDESCENT LIGHT FIXTURE
- F FLUORESCENT LIGHT FIXTURE
- FIELD WIRING RUNS
- (F) FIRE SUPPRESSION MANUAL PULL STATION EMPTY JBOX WITH 1/2" CONDUIT RUN IN WALL UP THRU CEILING TO ATTIC SPACE

NOTE

ALL WALL MOUNT ELECTRICAL RECEPTACLE AND J-BOXES ARE TO BE FLUSH MOUNTED IN WALLS WITH NO EXPOSED CONDUIT SHOWING ON SURFACE OF WALLS. GC TO PROVIDE MINIMUM WALL FURRING IF REQUIRED.

ELECTRICAL UTILITY SCHEDULE

R	ITEM	QTY	DESCRIPTION	VOLTS	PH	AMPS	KW	HP	ELE TYPE	AFF	ELECTRICAL COMMENTS
	1	1	DISPLAY FREEZER	120	1	9.0			REC	18"	
	2	1	DISPLAY REFRIGERATOR	120	1	5.2			REC	18"	
	3	1	WARMING KETTLE	120	1	4.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR	120	1	3.9			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	6	1	WARMING DISPLAY OVEN	120	1	15.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	7	1	WAFFLE IRON (OPERATOR FURNISHED)	120	1	11.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION), VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	8	1	SPARE NUMBER - EXH. HOOD W/ FIRE SUPP. (OPTION 2)	120	1	10.0			JBOX		STUB DOWN LIGHT & FAN SWITCH (BY ELEC), (1) AUTOSTART INTERCONNECT, SEE FSV SHEETS FOR ADDITIONAL INFO., FPS (120V, 2.0A), STUB DOWN, RUN CONDUIT IN CEILING
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)	120	1	10.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION), VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	10	1	CONVEYOR TOASTER	120	1	14.4			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	12	1	WAFFLE IRON (FUTURE) (OPERATOR FURNISHED)	120	1	11.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION), VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	14	1	COFFEE MAKER (OPERATOR FURNISHED)	120/208	1	36.9			REC	48"	2 WIRE + GROUND, VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	20	1	CONVECTION OVEN (VENTLESS)	208	1	27.8			REC	48"	CORD AND PLUG (BY ELECTRICAL DIVISION). CONFIRM ELECTRICAL WITH PROJECT SITE
	21	1	SPARE NUMBER	-	-	-			-	-	
	22	1	SPARE NUMBER	-	-	-			-	-	
	23	1	MOBILE REACH-IN REFRIGERATOR	120	1	5.4			REC	18"	
	24	1	MOBILE REACH-IN FREEZER	120	1	9.6			REC	18"	
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)	208	3	35.0			JBOX	18"	

CONVENIENCE OUTLET REQUIREMENTS

R	ITEM	DESCRIPTION	VOLTS	PH	AMPS	KW	HP	ELE TYPE	AFF	ELECTRICAL COMMENTS
	900	CONVENIENCE RECEPTACLE	120	1	15.0			REC	+18"	CONVENIENCE OUTLET STUB OUT WALL
	901	CONVENIENCE RECEPTACLE	120	1	15.0			REC	+48"	CONVENIENCE OUTLET STUB OUT WALL

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@dmdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

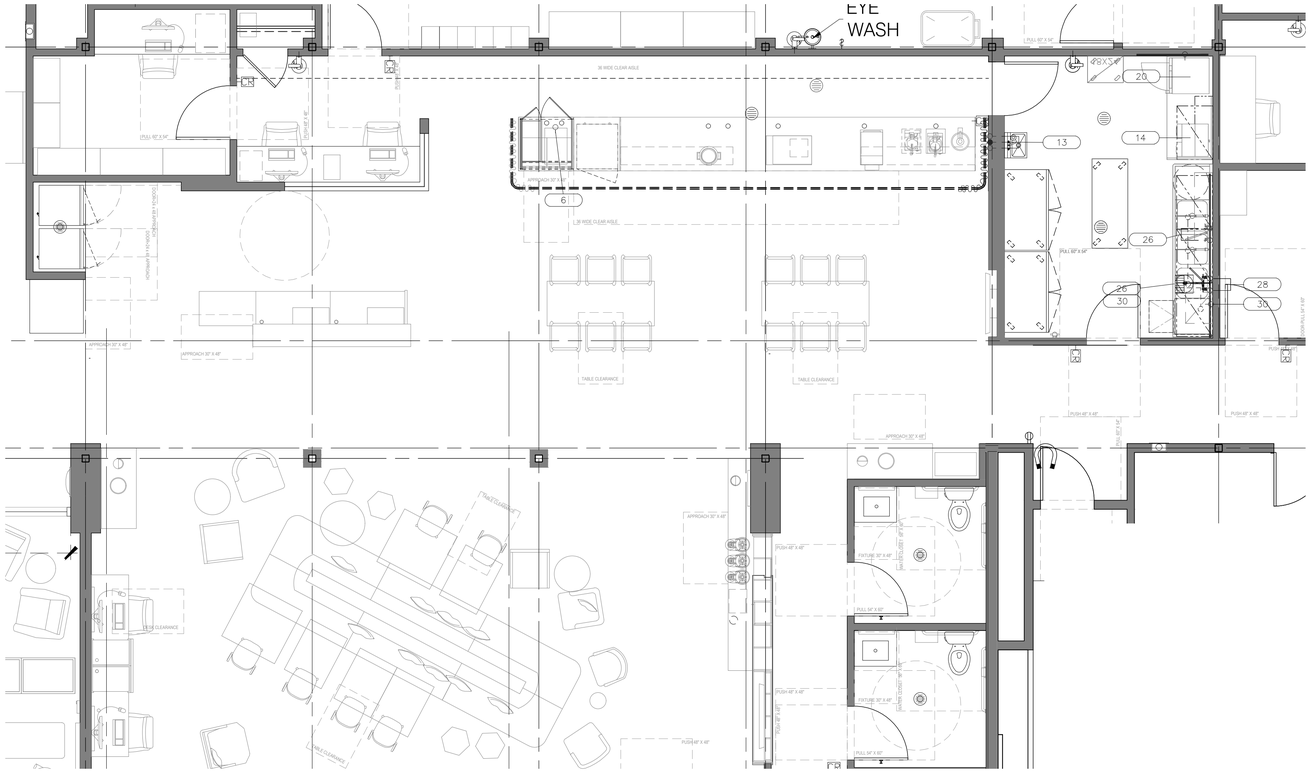
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ELECTRICAL ROUGH- INS PLAN AND UTILITY SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
FS-2



PLUMBING NOTES

1. PLUMBING PLANS SHOW ROUGH-IN POINTS AND SCHEDULED CONNECTIONS. KITCHEN EQUIPMENT CONTRACTOR WILL PROVIDE DIMENSIONED ROUGH-IN DRAWING FOR CONSTRUCTION.
2. WATER PRESSURE IN FOOD AND BEVERAGE AREAS SHOULD BE 50 PSIG (345 KPa) MAXIMUM. WATER PRESSURE AT DISHMACHINES, BOOSTER HEATERS, GLASS AND UTENSIL WASHERS TO BE 25 PSIG (172 KPa).
3. PLUMBING DIVISION SHALL FURNISH AND INSTALL ALL NECESSARY VALVES, TRAPS, TAIL PIECES, LINE STRAINERS, WATER PRESSURE REDUCING VALVES AND VACUUM BREAKERS AND CONNECT ALL WATER, FUEL GAS, STEAM AND WASTE LINES TO FOOD SERVICE AND BEVERAGE EQUIPMENT.
4. PLUMBING DIVISION SHALL INSTALL AND CONNECT ALL FAUCETS FURNISHED BY KEC.
5. PLUMBING DIVISION TO PROVIDE ADEQUATE CLEAN-OUT FOR DRAIN LINES.
6. FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FINISH FLOOR OR PER LOCAL CODE WITH GRATE COVER AS INDICATED.
7. FLOOR DRAINS INDICATED ARE FOR FOOD AND BEVERAGE AREAS ONLY. ADDITIONAL GENERAL PURPOSE AREA DRAINS SHALL BE LOCATED BY GC AS REQUIRED.

PLUMBING SYMBOLS

- HW–HOT WATER, OR CW–COLD WATER
- WASTE, DIRECT–CONNECTED UNLESS NOTED "OPEN HUB"
- INDIRECT WASTE
- FLOOR DRAIN
- FLOOR DRAIN WITH FUNNEL
- HUB DRAIN
- DRAIN IN FLOOR RECESS, CONNECT TO GENERAL CONTR. DRAIN PAN
- FLOOR SINK WITH HALF GRATE UNLESS NOTED OTHERWISE
- FLOOR SINK WITH FUNNEL GRATE
- GAS
- GAS PRESSURE REGULATOR/BY KEC
- STEAM SUPPLY
- CONDENSATE RETURN

NOTE

KITCHEN EQUIPMENT CONTRACTOR TO VERIFY AND COORDINATE PROPER LOCATION AND SIZE OF GENERAL CONTRACTOR FURNISHED STRUCTURAL PENETRATIONS AND PLUMBING DIVISION FURNISHED SLEEVES THRU FLOOR.

NOTE

ALL WALL MOUNT PLUMBING UTILITIES ARE TO BE FLUSH MOUNTED IN WALLS WITH NO EXPOSED PIPING SHOWING ON SURFACE OF WALLS. GC TO PROVIDE MINIMUM WALL FURRING AS REQUIRED.

PLUMBING UTILITY SCHEDULE

R	ITEM	QTY	DESCRIPTION	HW	AFF	HW GPH	CW	AFF	WST TYPE	DIA	AFF	GAS MBTU	DIA	AFF	PLUMBING COMMENTS
	1	1	DISPLAY FREEZER												CONDENSATE EVAPORATOR
	2	1	DISPLAY REFRIGERATOR												CONDENSATE EVAPORATOR
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR												CONDENSATE EVAPORATOR
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)				1/2"								STUB UP, RUN THRU FILTER, VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	13	1	HAND SINK W/ SOAP & TOWEL DISPENSER	1/2"	18"	5	1/2"	18"	DIR	1 1/2"	24"				
	14	1	COFFEE MAKER (OPERATOR FURNISHED)				1/2"	48"							RUN THRU FILTER. VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	20	1	CONVECTION OVEN (VENTLESS)				3/4"	48"							
	21	1	SPARE NUMBER				–	–							
	22	1	SPARE NUMBER				–	–							
	23	1	MOBILE REACH-IN REFRIGERATOR												CONDENSATE EVAPORATOR
	24	1	MOBILE REACH-IN FREEZER												CONDENSATE EVAPORATOR
	26	1	DISH/ POT WASHING SINKS	1/2"	12"	45	1/2"	12"	FS	1-1/2"					
	28	1	PRE-RINSE W/ FAUCET	1/2"	12"	20	1/2"	12"							
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)	1/2"	12"	38			FS	1"					PROVIDE 140 DEGREE HW

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-8016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

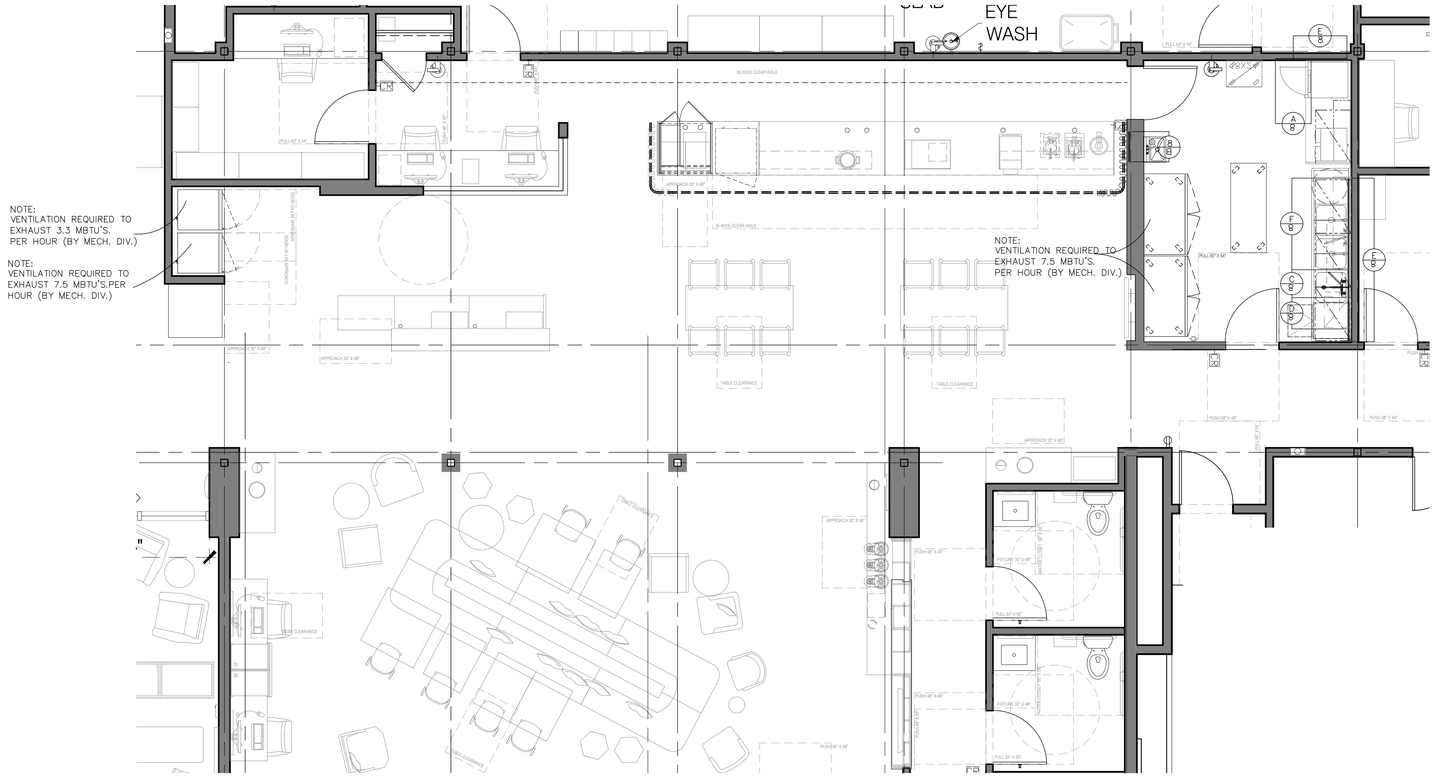
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING ROUGH INS PLAN AND UTILITY SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
FS-3



NOTES

A. STRUCTURAL "Z" SUPPORT =====
(GENERAL CONTRACTOR TO FURNISH AND INSTALL 3"X3"X1/4" (75X75X6) Z-BAR TO UNDERSIDE OF STRUCTURAL SLAB ABOVE–COORDINATE INSTALLATION WITH KITCHEN EQUIPMENT CONTRACTOR)

B. WALL BACKING ——

C. NON–COMBUSTIBLE WALL

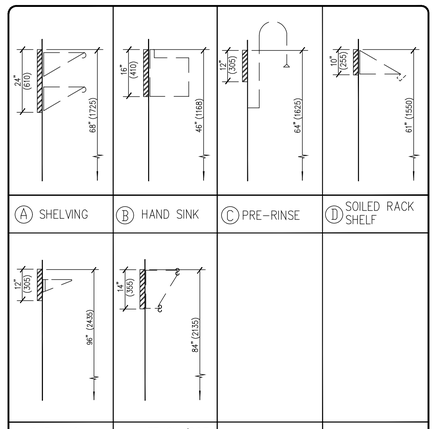
D. 6" (152MM) CONCRETE CURB

E. FLOOR DEPRESSION

CG. CORNER GUARD BY G.C. L

VENTILATION SYMBOLS

- EXHAUST DUCT CONNECTION
- MAKE–UP AIR DUCT CONNECTION
- EXHAUST DUCT TO OUTSIDE
- CEILING EXHAUST GRILL
- CONDENSATE HOOD



(A) SHELVING (B) HAND SINK (C) PRE–RINSE (D) SOILED RACK SHELF

(E) SHELVING–HIGH MOUNTED (F) UTENSIL/POT RACK

8 WALL BACKING DETAIL

NOTES:
1. ALL DIMENSIONS ARE TO FINISHED FLOOR.
2. ALL WALL BACKING TO BE 14GA STEEL PLATE SECURELY ATTACHED TO STUDS.

BUILDING WORKS UTILITY SCHEDULE

R	ITEM	QTY	DESCRIPTION	EXH. SIZE	CFM	S.P.	VENTILATION COMMENTS
	1	1	DISPLAY FREEZER				VENTALATION REQUIRED TO EXHAUST 7.5 MBTU'S PER HOUR (BY MECHANICAL DIVISION)
	2	1	DISPLAY REFRIGERATOR				VENTALATION REQUIRED TO EXHAUST 3.3 MBTU'S PER HOUR (BY MECHANICAL DIVISION)
	23	1	MOBILE REACH–IN REFRIGERATOR				VENTALATION REQUIRED TO EXHAUST 7.5 MBTU'S PER HOUR (BY MECHANICAL DIVISION)
	24	1	MOBILE REACH–IN FREEZER				VENTILATION REQUIRED TO EXHAUST 7.5 MBTUS PER HOUR (BY MECHANICAL DIVISION)

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

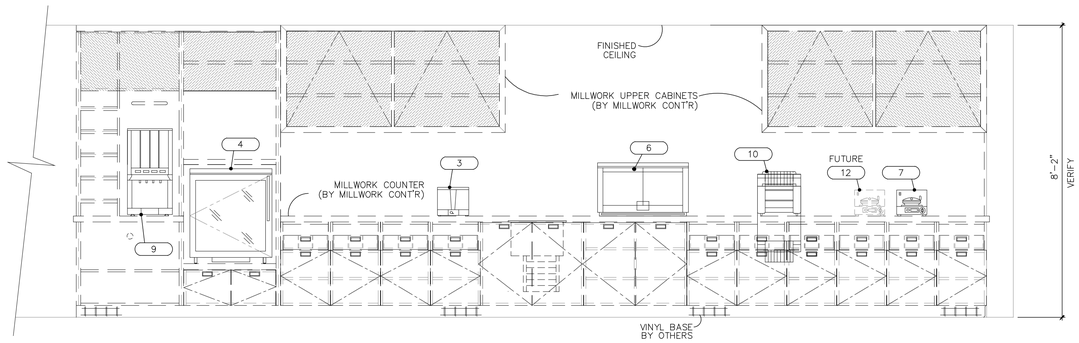
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

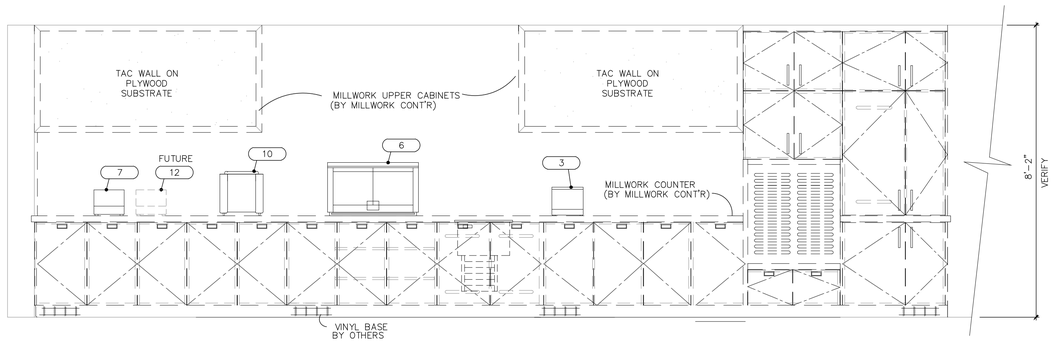
LAYOUT:
BUILDING WORKS PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

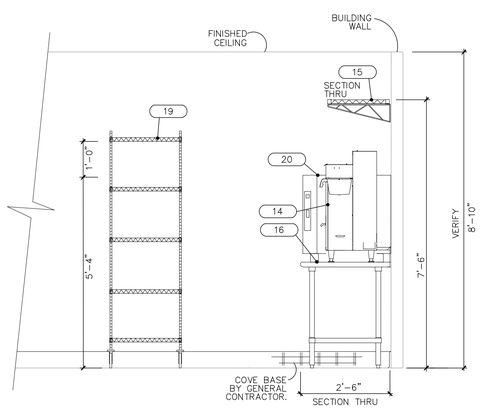
SHEET NUMBER:
FS-4



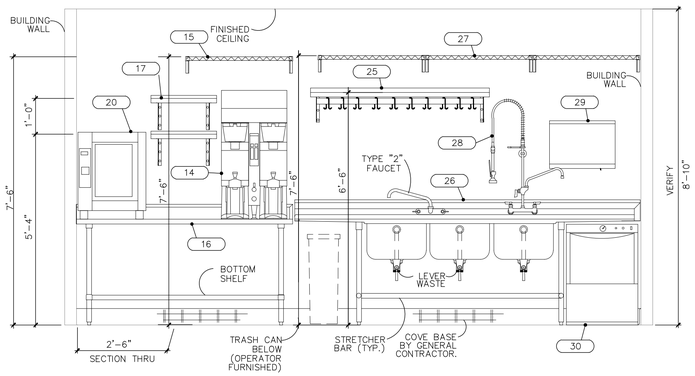
A ELEVATION
FS-1 SCALE: 1/2" : 1'-0"



B ELEVATION
FS-1 SCALE: 1/2" : 1'-0"



C ELEVATION
FS-1 SCALE: 1/2" : 1'-0"



D ELEVATION
FS-1 SCALE: 1/2" : 1'-0"

EQUIPMENT SCHEDULE

R	Item No	Qty	DESCRIPTION
	1	1	DISPLAY FREEZER
	2	1	DISPLAY REFRIGERATOR
	3	1	WARMING KETTLE
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR
	5	–	SPARE
	6	1	WARMING DISPLAY CABINET
	7	1	WAFFLE IRON (OPERATOR FURNISHED)
	8	–	SPARE NUMBER
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)
	10	1	CONVEYOR TOASTER
	11	1	BATTER MIX STARTER KIT (OPERATOR FURNISHED)
	12	1	WAFFLE IRON (FUTURE) (OPERATOR FURNISHED)
	13	1	HAND SINK W/ SOAP & TOWEL DISPENSER
	14	1	COFFEE MAKER (OPERATOR FURNISHED)
	15	1	WALL SHELF (HIGH MOUNT)
	16	1	WORK TABLE
	17	2	WALL SHELF
	18	1	MOBILE TABLE
	19	1	MOBILE STORAGE SHELVING
	20	1	CONVECTION OVEN (VENTLESS)
	21	–	SPARE NUMBER
	22	–	SPARE NUMBER
	23	1	MOBILE REACH-IN REFRIGERATOR
	24	1	MOBILE REACH-IN FREEZER
	25	1	UTENSIL RACK W/ SHELF
	26	1	DISH/ POT WASHING SINKS
	27	3	WALL SHELF (HIGH MOUNT)
	28	1	PRE-RINSE W/ FAUCET
	29	1	RACK SHELF (WALL MOUNT)
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ELEVATIONS AND DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

FS-5

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U305

November 26, 2019

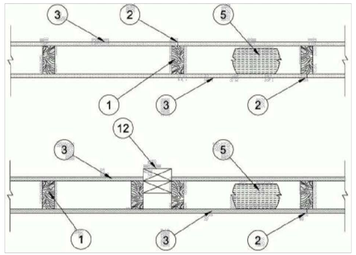
Bearing Wall Rating — 1 Hr

Finish Rating — See Items 3, 3A, 3D, 3E, 3F, 3G, 3H, 3J and 3L.

STC Rating - 56 (See Item 9)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Wood Studs —** Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. **Joints and Nail-Heads —** Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

3. **Gypsum Board* —** 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Items 6 through 6F, **Steel Framing Members***.

When Items 6, 6B, 6C, 6D, 6E, or 6F, **Steel Framing Members***, are used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 6A, **Steel Framing Members***, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 7, resilient channels are used, 5/8 in. thick, 4 ft wide gypsum panels applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs.

CABOT MANUFACTURING ULC — Type X (finish rating 22 min), 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Blueglass Exterior Sheathing

AMERICAN GYPSUM CO — Types AGX-1(finish rating 23 min.), M-Glass (finish rating 23 min.), Type AGX-11 (finish rating 26 min), Type AGX-12 (finish rating 22 min), Type LightRoc (finish rating 23 min.) or Type AG-C

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1 (finish rating 24 min)

CERTAINTEED GYPSUM INC — Type 1, Type SF3 (finish rating 20 min) or FRPC; Type C., Type X or Type X-1 (finish rating 26 min); Type EGRG or GlasRoc (finish rating 23 min), GlasRoc-2, Type Habito (finish rating 26 min).

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min)

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 34 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX (finish rating 21 min), Type CLLX (finish rating 24 min)

GEORGIA-PACIFIC GYPSUM L L C — Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), Type DGG (finish rating 20 min), Type GPFS1 (finish rating 20 min), Type GPFS2 (finish rating 20 min), Type GPFS6 (finish rating 26 min), Type DS, Type DAP, Type DD (finish rating 20 min), Type DA, Type DAPC, Type LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, Type LWX (finish rating 22

min), Veneer Plaster Base-Type LWX (finish rating 22 min), Water Rated-Type LWX (finish rating 22 min), Sheathing Type-LWX (finish rating 22 min), Soffit-Type LWX (finish rating 22 min), Type DGLW (finish rating 22 min), Water Rated-Type DGLW (finish rating 22 min), Sheathing Type- DGLW (finish rating 22 min), Soffit-Type DGLW (finish rating 22 min), Type LWX (finish rating 22 min), Type LW2X (finish rating 22 min), Veneer Plaster Base - Type LW2X (finish rating 22 min), Water Rated - Type LW2X (finish rating 22 min), Sheathing - Type LW2X (finish rating 22 min), Soffit - Type LW2X (finish rating 22 min), Type DGL2W (finish rating 22 min), Water Rated - Type DGL2W (finish rating 22 min), Sheathing - Type DGL2W (finish rating 22 min)

NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min), Type FSL (finish rating 24 min), Type FSW-8, Type FSLX (finish rating 21 min).

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), Types PG-3W, PG-5W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-3WS, PG-5WS, PGS-WRS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min), PG-11 PG-13 (Nails increased to 2 in.), or Type PG-C

PANEL REY S A — Type GREX, GRIX, PRX, PRC, PRC2; Types RHX, Guard Rey, MDX, ETX (finish rating 22 min)

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1 (finish rating 26 min)

THAI GYPSUM PRODUCTS PCL — Type C, Type X (finish rating 26 min)

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type FRX-G (finish rating 29 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX (finish rating 24 min), Type SGX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type ULIX (finish rating 20 min)

USG BORAL DRYWALL SFZ LLC — Type SGX (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), SCX (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type ULX (finish rating 22 min)

3A. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
AMERICAN GYPSUM CO — Types AGX-1 (finish rating 25 min.), M-Glass (finish rating 25 min.), AG-C

(finish rating 25 min.), LighttRoc (finish rating 25 min.)

CERTAINTEED GYPSUM INC — Type C, Type X or Type X-1 (finish rating 26 min)

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min)

NATIONAL GYPSUM CO — Type FSW (finish rating 24 min)

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type SCX (finish rating 24 min), Type SGX (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type FRX-G (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min)

USG BORAL DRYWALL SFZ LLC — Types C, SCX, SGX (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX, Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min)

3B. **Gypsum Board* —** (As an alternate to Item 3) — Nom 3/4 in. thick, installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-3/8 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A.
CGC INC — Types AR, IP-AR

UNITED STATES GYPSUM CO — Types AR, IP-AR

USG MEXICO S A DE C V — Types AR, IP-AR

3C. **Gypsum Board* —** (As an alternate to Items 3, 3A and 3B) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to one side of the assembly. Installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-1/4 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. Joint covering (Item 2) not required.
CGC INC — Type SHX

UNITED STATES GYPSUM CO — Type SHX

USG MEXICO S A DE C V — Type SHX

3D. **Gypsum Board* —** (As an alternate to Items 3, 3A, 3B, or 3C — Not Shown) — For Direct Application to Studs Only- Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws

spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RAY-BAR ENGINEERING CORP — Type RB-LBG (finish rating 24 min)

3E. **Gypsum Board*** — (As an alternate to Items 3, 3A, 3B, 3C, and 3D) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
GEORGIA-PACIFIC GYPSUM L L C — Type DGG (finish rating 20 min), GreenGlass Type X (finish rating 23 min)

3F. **Gypsum Board* —** (As an alternate to Items 3, 3A, 3B, 3C, 3D, and 3E) — 5/8 in. glass-mat faced with square edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC around the perimeter and in the field with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Nails shall be placed 1 inch and 3 inch from horizontal joints and 7 inch OC thereafter.
CGC INC — Type USGX (finish rating 22 min)

UNITED STATES GYPSUM CO — Type USGX (finish rating 22 min.)

USG BORAL DRYWALL SFZ LLC — , Type USGX (finish rating 22 min.)

USG MEXICO S A DE C V — Type USGX (finish rating 22 min.)

3G. **Gypsum Board* —** (As an alternate to Items 3 through 3F) — 5/8 in. thick paper surfaced applied vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min)

3H. **Gypsum Board* —** (As an alternate to Items 3) — Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically only. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

3I. **Gypsum Board* —** (As an alternate to Items 3 through 3H, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES (finish rating 20 min)

3J. **Gypsum Board* —** (As an alternate to Item 3) — Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically or horizontally. Gypsum panels secured per Item 3 or 3A.
CERTAINTEED GYPSUM INC — Type SilentFX

3K. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 8 in. OC with the last screw 1 in. from the edge of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min), Type FSL (finish rating 24 min).

3L. **Gypsum Board* —** (As an alternate to Item 3) — For Direct Application to Studs Only — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in. diam by max 0.140 in. thick. compression fitted or adhered over the screw heads. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".
MAYCO INDUSTRIES INC — "X-Ray Shielded Gypsum"

3M. **Gypsum Board* —** (As an alternate to Items 3) — For Direct Application to Studs Only — For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

3N. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick, 4 ft. wide, applied horizontally or vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 3 or 3A.
CERTAINTEED GYPSUM INC — Easi-Lite Type X (finish rating 24 min), Easi-Lite Type X-2 (finish rating 24 min)

3O. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 3, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527 (finish rating 24 min).

3P. **Gypsum Board* —** (As an alternate to Item 3, Not Shown) — Two layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by wood studs. Horizontal joints on the same side between face and base layers need not be staggered. Base layer gypsum panels fastened to studs with 1-1/4 in. long drywall nails spaced 8 in. OC. Face layer gypsum panels fastened to studs with 1-7/8 in. long drywall nails spaced 8 in. OC starting with a 4" stagger.
NATIONAL GYPSUM CO — Type FSW (finish rating 25 min)

3Q. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

3R. **Gypsum Board* —** (As an alternate to Item 3. For use with Item 5H) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied either horizontally or vertically, and screwed to panels with 1-5/8 in. long Type W coarse thread steel screws at 8 in. OC at perimeter and in the field with the last two screws 4 and 3/4 in. from the edges of the board when applied as the base layer. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3S. **Gypsum Board* —** 3/4 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels secured as described in Item 3 with nail length increased to 2 in.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-13

3T. **Wall and Partition Facings and Accessories* —** (As an alternate to 5/8 in. thick board as outlined in Item 3) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 545

4. **Steel Corner Fasteners —** (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.

5. **Batts and Blankets* —** (Optional — Required when Item 6A is used (RC-1)) — Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities.
CERTAINTEED CORP

JOHNS MANVILLE

KNAUF INSULATION LLC

MANSON INSULATION INC

ROCK WOOL MANUFACTURING CO — Delta Board

ROCKWOOL — Acoustical Fire Batts

THERMAFIBER INC — Type SAFB, SAFB FF

5A. **Fiber, Sprayed* —** (Not Shown — Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product. When Item 6B is used, Fiber, Sprayed shall be INS735, INS745, INS765LD or INS770LD.
U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only

5B. **Fiber, Sprayed* —** (Not Shown - Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

5C. **Batts and Blankets* —** Required for use with resilient channels, Item 7, 3 in. thick mineral wool batts, friction-fitted to fill interior of wall.
THERMAFIBER INC — Type SAFB, SAFB FF

5D. **Glass Fiber Insulation —** (As an alternate to Item 5C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the interior of the wall. See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

5E. **Batts and Blankets* —** (Required for use with Wall and Partition Facings and Accessories, Item 3D) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

5F. **Fiber, Sprayed* —** (Optional, Not Shown — Not for use with Items 6, 6A, 6B, 6C, or 6D) — As an alternate to Batts and Blankets (Item 5) and Item 5A - Spray applied granulated mineral fiber material. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@dmdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@dmdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U305
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A11.00

5G. **Fiber, Sprayed* —** (Optional, Not Shown — Not for use with Items 6, 6A, 6B, 6C, or 6D). — As an alternate to Batts and Blankets (Item 5) and Item 5A - Brown Colored Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed stud cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft^3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

5H. **Foamed Plastic* —** (Optional -For use with Item 3R) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
SES FOAM INC — Nexseal™ 2.0 or Nexseal™ 2.0 LE Spray Foam and Sucraseal Spray Foam.

5I. **Fiber, Sprayed* —** (Not Shown — Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) - Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft^3.
APPLEGATE HOLDINGS L L C — Applegate Advanced Stabilized Cellulose Insulation

6. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75)

6A. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members on one side of studs as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Aa) to one side of studs only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax

6B. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

6C. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Ca) to studs. Clips spaced 48 in. OC., and secured to studs with No. 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

6D. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with a double strand of No. 18 AWG twisted steel wire. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Da) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

6E. **Steel Framing Members* —** (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below:

a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 6Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.

KEENE BUILDING PRODUCTS CO INC - Type RC+ Assurance Clip

6F. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. or 1-1/2 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Fa) to studs. Clips spaced 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

7. **Furring Channel —** Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 5C or 5D is required.

8. **Caulking and Sealants —** (Not Shown, Optional) — A bead of acoustical sealant applied around the partition perimeter for sound control.

9. **STC Rating —** The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 6, except:

A. Item 2, above — Nailheads Shall be covered with joint compound.

B. Item 2, above — Joints As described, shall be covered with fiber tape and joint compound.

C. Item 5, above — Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.

D. Item 6, above — Steel Framing Members* Type RSIC-1 clips shall be used to attach gypsum board to studs on either side of the wall assembly.

E. Item 8, above — Caulking and Sealants (Not Shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control.

F. Steel Corner Fasteners (Item 4), Fiber, Sprayed (Items 5A and 5B) and Steel Framing Members (Item 6A), not evaluated as alternatives for obtaining STC rating.

10. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

11. **Cementitious Backer Units* —** (Optional Item Not Shown — For Use On Face Of 1 Hr Systems With All Standard Items Required) - 7/16 in., 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide. Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.

NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

12. **Non-Bearing Wall Partition Intersection —** (Optional) —Two nominal 2 by 4 in. studs or nominal 2 by 6 in. studs nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

13. **Mesh Netting —** (Not Shown) — Any thin, woven or non-woven fibrous netting material attached with staples to the outer face of one row of studs to facilitate the installation of the sprayed fiber from the opposite row.

14. **Mineral and Fiber Board* —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

14A. **Mineral and Fiber Board* —** (Optional, Not Shown) — For use with Items 14B-14E) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

14B. **Glass Fiber Insulation —** (For use with Item 14A) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.

14C. **Batts and Blankets* —** (As an alternate to Item 14B, For use with Item 14A), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.
THERMAFIBER INC — Type SAFB, SAFB FF

14D. **Adhesive —** (For use with Item 14A) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 14A).

14E. **Gypsum Board* —** (For use with Item 14A) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 14A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 14A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.
AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

14F. **Mineral and Fiber Board —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 3). Fiber boards installed with 1-1/4 in. long, Type W, bugle head, coarse thread gypsum board screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 3) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
BLUE RIDGE FIBERBOARD INC — SoundStop

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-06-28

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be

Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" (OM) AND RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U305 PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A11.00a

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. U309

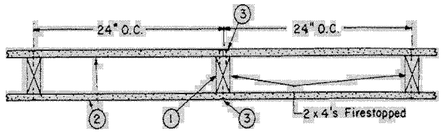
November 26, 2019

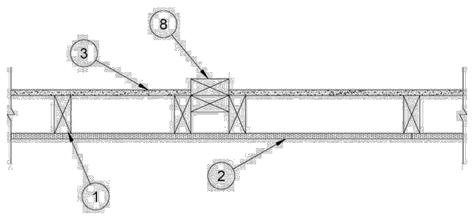
Bearing Wall Rating — 1 Hr.

Finish Rating — See Items 2, 2A and 2B

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**





1. **Wood Studs —** Nom 2 by 4 in., spaced 24 in. OC effectively firestopped.

2. **Gypsum Board* —** 5/8 in. thick, 4 ft wide, applied either horizontally or

vertically, nailed to studs and bearing plates with 6d cement coated nails min. 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. Finish Rating 27 Min. When used in widths other than 48 in., gypsum board to be installed horizontally.

When **Steel Framing Members*** (Items 5, 5A, 5B, 5C, or 5D) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 6, resilient channels are used, 5/8 in. thick, 4 ft wide applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs.

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CERTAINTEED GYPSUM INC — Type X, Type X-1, Types EGRG, GlasRoc, GlasRoc-2, Type C

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Types LGFC6A, LGFC2A, LGFC-C/A, LGCF-WD, LGLLX, CLLX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W

NATIONAL GYPSUM CO — Types -eXP-C, FSK, FSK-C, FSW, FSW-3, FSW-5, FSW-C, FSW-G, FSMR-C, FSW-6 (finish rating 20 min), FSL, FSW-8

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C, PG-9, PG-11, PG-C, PGS-WRS

PANEL REY S A — Types GREX, GRIX, PRC, PRC2, PRX, RHX, MDX, ETX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X, Type C

2A. **Gypsum Board* —** (As an alternate to Item 2, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically to studs and bearing plates on one side of the assembly with 1-5/8 in. long Type S screws spaced 12 in. OC at perimeter of panels and 8 in. OC in the field. Horizontal joints of vertically applied panels need not be backed by studs. Panel joints covered with paper tape and two layers of joint compound. Screwheads covered with two layers of joint compound. Batts and Blankets placed in stud cavity as described in Item 4E. Not evaluated for use with Steel Framing Members, Furring Channels or Fiber, Sprayed.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 530 (finish rating 23 min)

2B. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last two screws 1 and 4 in. from edge of board or nailed to studs and bearing plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
GEORGIA-PACIFIC GYPSUM L L C — Type DGG, GreenGlass Type X (finish rating 23 min).

2C. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically only and secured as described in Item 2.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min)

NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

2D. **Gypsum Board* —** (As an alternate to Items 2 through 2C) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

2E. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically or horizontally and secured as described in Item 2 or 2K.
CERTAINTEED GYPSUM INC — Type SilentFX

2F. **Gypsum Board* —** (As an alternate to 5/8 in. Type FSW in Item 2) — 2 layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal joints on the same side need not be staggered. Inner layer attached with fasteners, as described in item 2, spaced 24 in. OC. Outer layer attached per Item 2.
NATIONAL GYPSUM CO — Type FSW

2G. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, applied vertically or horizontally with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 2 or 2K.
CERTAINTEED GYPSUM INC — 5/8" Easi-Lite Type X

THAI GYPSUM PRODUCTS PCL — 5/8" Easi-Lite Type X

2H. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 2) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

2I. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

2J. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing as described in Item 2 or with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally. When square edge boards are used joint treatment, Item 3, may be omitted.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C

NATIONAL GYPSUM CO — Type FSK, Type FSK-G, Type FSW, Type FSW-3, Type FSW-5, Type FSW-G, Type FSK-C, Type FSW-C, Type FSMR-C, Type FSW-6, Type FSL

2K. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1/2 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
CERTAINTEED GYPSUM INC — Type X, Type X-1, Types EGRG, GlasRoc, GlasRoc-2, Type C

3. **Joints and Fastener Heads —** Wallboard joints covered with paper tape and joint compound. Fastener heads covered with joint compound. Gypsum plaster not more than 1/8 in. thick may be applied over the wallboard in addition to the specified joint treatment.

4. **Batts and Blankets* —** (Not Shown) — Optional glass fiber insulation.
CERTAINTEED CORP

JOHNS MANVILLE

OWENS CORNING

4A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product. When Item 5 is used, Fiber, Sprayed shall be INS735, INS745, INS765LD or INS770LD.
U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only

4B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

4C. **Batts and Blankets* —** Required for use with resilient channels, Item 6, 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 4 in. face of the studs with staples placed 24 in. OC.
ROCKWOOL — Type SAFEnSOUND

THERMAFIBER INC — Type SAFB, SAFB FF

4D. **Glass Fiber Insulation —** (As an alternate to Item 4C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. See **Batts and Blankets** (BKNV or BZJZ) Catagories for names of Classified companies.

4E. **Batts and Blankets* —** (Required for use with Wall and Partition Facings and Accessories, Item 2A) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

4F. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft^3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U309 PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A11.01

4G. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft^3.
APPLEGATE HOLDINGS L L C — Applegate Advanced Stabilized Cellulose Insulation

5. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 3-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

5A. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

5B. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item 5Ba) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

5C. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 5Cb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 5Ca) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 × 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

5D. **Steel Framing Members* —** (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below:

a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured

to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 5Da) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

6. **Furring Channel —** Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 4C or 4D is required.

7. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. **Non-Bearing Wall Partition Intersection —** (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

9. **Mineral and Fiber Board* —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing,

except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

9A. **Mineral and Fiber Board* —** (Optional, Not Shown) — For use with Items 9B-9E) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

9B. **Glass Fiber Insulation —** (For use with Item 9A) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.

9C. **Batts and Blankets* —** (As an alternate to Item 9B, For use with Item 9A), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.
ROCKWOOL — Type SAFEnSOUND

THERMAFIBER INC — Type SAFB, SAFB FF

9D. **Adhesive —** (For use with Item 9A) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 9A).

9E. **Gypsum Board* —** (For use with Item 9A) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 9A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 9A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.
AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C.

PANEL REY S A — Types PRC, PRC2

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

9F. **Mineral and Fiber Board —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 2). Fiber boards installed with 1-1/4 in. long, Type W, bugle head, coarse thread gypsum board screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 2) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
BLUE RIDGE FIBERBOARD INC — SoundStop

10. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — For use with Item 1, Item 2, Item 3, Items 4, and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 2), install RefleXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional layer of Gypsum Board that is

identical to the first layer and as specified in Item 2 shall be installed over the membrane. Additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 2 except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 4. On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels as per Item 6. Over the Resilient Channel install 3/4 inch thick SONOpan panel secured to the Resilient Channel with drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 2 with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
MSL — RefleXor membrane, SONOpan panel

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-08-16

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted

material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U309
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A11.01a

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

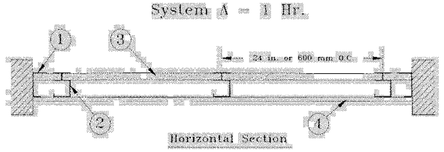
Design No. U415

September 27, 2019

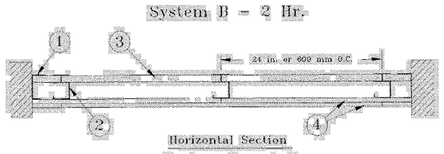
Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

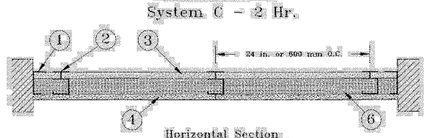
System A — 1 Hr.



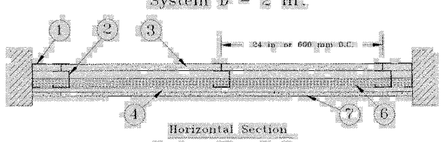
System B — 2 Hr.



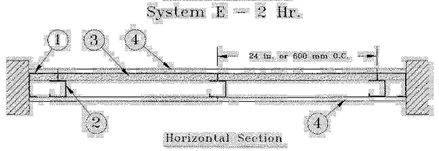
System C — 2 Hr.



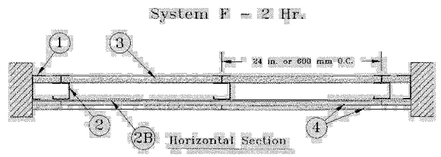
System D — 2 Hr.



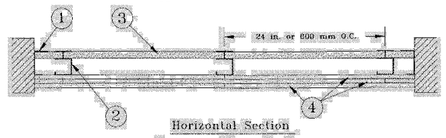
System E — 2 Hr.



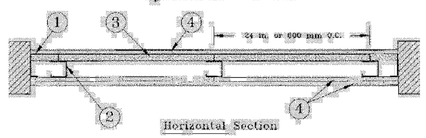
System F — 2 Hr.



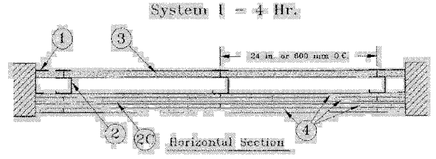
System G — 3 Hr.



System H — 3 Hr.



System I — 4 Hr.



1. **Floor, Side and Ceiling Runners —** "J" - shaped runner, min 2-1/2 in. deep (min 4 in. deep when System C is used), with unequal legs of 1 in. and 2 in., fabricated from min 24 MSG (min 20 MSG when Item 4A, 4B, 4C, 4D or 7 are used) galv steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC. "E" - shaped studs (Item 2A) may be used as side runners in place of "J" - shaped runners.

2. **Steel Studs —** "C-H" - shaped studs, min 2-1/2 in. deep (min 4 in. deep when System C is used), fabricated from min 25 MSG (min 20 MSG when Items 2D, 4A, 4B, 4C, 4D or 7 is used) galv steel. Cut to lengths 3/8 to 1/2 in. less than floor-to-ceiling height and spaced 24 in. or 600 mm OC (max 16 in. OC when Items 4A, 4B, 4C, or 4D are used).

2A. **Steel Studs —** (Not Shown) — **"E"** - shaped studs installed back to back in place of "C-H" - shaped studs (Item 2) **"E"** - shaped studs secured together with steel screws spaced a maximum 12 in. OC. Fabricated from min 25 MSG (min 20 MSG when Item 2D, 4A, 4B or 7 is used) galv steel, min 2-1/2 in. deep (min 4 in. deep when System C is used), with one leg 1 in. long and two legs 3/4 in. long. Shorter legs 1 in. apart to engage gypsum liner panels. Cut to lengths 3/8 to 1/2 in. less than floor to ceiling heights.

2B. **Furring Channels —** (Optional, Not Shown) — For use with single or double layer systems. Resilient furring channels fabricated from min 25MSG corrosion protected steel, installed horizontally, and spaced vertically a max 24 in. OC. Flange portion of channel attached to each intersecting "C-H" or "E" stud on side of stud opposite the 1 in. liner panels with 1/2 in. long Type S or S-12 pan-head steel screws. When furring channels are used, wallboard to be installed vertically only. . Not to be used with Type FRX-G gypsum board, lead backed gypsum boards (Items 4A-4D), or cementitious backer units (Item 7).

2C. **Furring Channels —** For use with System I - "Hat" - shaped, 25 MSG galv steel furring channels attached directly over the inner layers of wallboard to each stud with 2 in. long Type S pan head steel screws. Screws alternate from top flange to bottom flange at each stud intersection. Furring channels spaced vertically max 24 in. OC.

2D. **Steel Framing Members* —** (Optional, Not Shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum board, lead backed gypsum boards (Items 4A-4D), or cementitious backer units (Item 7).

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and attached to furring channels as described in Item 4.

b. **Steel Framing Members* —** Used to attach furring channels (Item 2Da) to studs (Item 2 or 2A). Clips spaced max. 24 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
PLITEQ INC — Type GENIECLIP

2G. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum board, lead backed gypsum boards (Items 4A-4D), or cementitious backer units (Item 7).

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b. **Steel Framing Members* —** Used to attach furring channels (Item 2Ga) to studs. Clips spaced 24 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

2H. **Steel Framing Members* —** (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum board, lead backed gypsum boards (Items 4A-4D), or cementitious backer units (Item 7).

a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 2Ha) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

2I. **Steel Framing Members* —** (Optional, Not Shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum board, lead backed gypsum boards (Items 4A-4D), or cementitious backer units (Item 7).

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. or 1-1/2 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and

attached to furring channels as described in Item 4.

b. **Steel Framing Members* —** Used to attach furring channels (Item 2Ia) to studs (Item 2 or 2A). Clips spaced max. 24 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

3. **Gypsum Board* —** Gypsum liner panels, nom 1 in. thick, 24 in. or 600 mm (for metric spacing) wide. Panels cut 1 in. less in length than floor to ceiling height. Vertical edges inserted in "H" portion of "C-H" studs or the gap between the two 3/4 in. legs of the "E" studs. Free edge of end panels attached to long leg of vertical "J" - runners with 1-5/8 in. long Type S steel screws spaced not greater than 12 in. OC. When wall height exceeds liner panel length, liner panel may be butted to extend to the full height of the wall. Horizontal joints need not be backed by steel framing. In System I, butt joints in liner panels are staggered min 36 in. Butt joints backed with 6 in. by 22 in. strips of 3/4 in. thick gypsum wallboard (Item 4). Wallboard strips centered over butt joints and secured to liner panels with six 1-1/2 in. long Type G steel screws, three screws along the 22 in. dimension at the top and bottom of the strips.
CGC INC — Type SLX

UNITED STATES GYPSUM CO — Type SLX

USG BORAL DRYWALL SFZ LLC — Type SLX

USG MEXICO S A DE C V — Type SLX

4. **Gypsum Board* —**

System A — 1 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. when installed vertically or 8 in OC when installed horizontally. Horizontal joints need not be backed by steel framing.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, WRC, WRX, USGX. When ULIX is used insulation, Item 6, **Batts and Blankets*** is required and minimum stud depth is 4 in.

USG BORAL DRYWALL SFZ LLC — Types C, SCX, SGX, USGX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System B — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws or 8 in. OC when installed horizontally and staggered 8 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in.

CGC INC — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — 1/2 in. Types C, IP-X2, IPC-AR, or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, USGX

USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System C — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 3/4 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, secured with 1-1/4 in. long Type S steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U415
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A11.02

field when installed vertically or 8 in. OC along the vertical edges and in the field when installed horizontally. Horizontal joints need not be backed by steel framing. Screws along side joints offset 4 in. Requires min 4 in. deep framing per Items 1, 2 and 3. Requires min 3 in. thick mineral wool batts per Item 6.

CGC INC — Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — Type ULTRACODE

USG MEXICO S A DE C V — Types IP-X3 or ULTRACODE

System D — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached directly to studs with 1 in. long Type S steel screws spaced 24 in. when installed vertically or 16 in. OC when installed horizontally. Horizontal joints need not be backed by steel framing. Requires face layer of 1/2 or 5/8 in. thick cementitious backer units per Item 7 and min 1-1/2 in. thick mineral wool batts per Item 6.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL DRYWALL SFZ LLC — Types C, SCX, SGX, USGX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System E — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. OC when installed vertically or 8 in. when installed horizontally. Horizontal joints need not be backed by steel framing.

CGC INC — 1/2 in. Types C, IP-X2, IPC-AR; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — 1/2 in. Types C, IP-X2, IPC-AR; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, USGX

USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System F — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically in two layers. Inner or base layer attached to resilient furring channels (Item 2B) with 1 in. long Type S steel screws spaced 24 in. Outer or face layer attached to resilient furring channels (Item 2B) with 1-5/8 in. long Type S steel screws spaced 12 in. OC and staggered 12 in. from base layer screws. Joints between inner and outer layers staggered 24 in.

CGC INC — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX

USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System G — 3 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in three layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in OC when installed horizontally. Middle layer

attached to studs with 1-5/8 in. long Type S steel screws spaced 24 in. when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 2-1/4 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. . Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.

CGC INC — Types C, IP-X2, IPC-AR, WRC

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC

System H — 3 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, two layers over the flange of the "C" section of the studs, one layer over the flange of the "H" section of the studs. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.

CGC INC — Types C, IP-X2, IPC-AR, WRC

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC

System I — 4 Hr

Gypsum panels, with beveled, square or tapered edges, nom 3/4 in. thick, 4 ft

wide (or 1200 mm for metric spacing) wallboard with square or tapered edges. Total of four layers to be used. First and second (inner) layers applied vertically or horizontally over the steel studs. Horizontal joints need not be backed by steel framing. When applied vertically, joints centered over studs and staggered min 24 in., otherwise all joints staggered min 12 in. First layer secured to studs with 1-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 24 in. OC. Second layer secured to studs with 2-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. Third layer applied vertically over the furring channels (Item 2C) with a 1-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. Fourth layer applied vertically or horizontally with 2-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. When applied vertically, joints to be staggered min 24 in. from third layer, otherwise all joints staggered min 12 in.

CGC INC — Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — Type ULTRACODE

USG MEXICO S A DE C V — Types IP-X3 or ULTRACODE

4A. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9) or Lead Discs or Tabs (see Item 10).
RAY-BAR ENGINEERING CORP — Type RB-LBG

4B. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.
NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Type Nelco

4C. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H,

and I when used as the base layer, For direct attachment only) — Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip.
MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4D. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5. **Joint Tape and Compound —** (Not Shown)

Systems A, B, C, E, F, G, H, I

Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads covered with joint compound.

6. **Batts and Blankets* —**

Systems A, B, E, F, G, H, I

(Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt mineral bearing the UL Classification Marking as to Fire Resistance.

System A With Type ULIX Gypsum Boards

Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

Systems C & D

Min 3 in. (System C) and min 1-1/2 in. (System D) thick mineral wool batts, friction fitted between the studs and floor and ceiling runners.

ROCKWOOL — Type AFB

THERMAFIBER INC — Type SAFB, SAFB FF

7. **Cementitious Backer Units* —** (System D) — Nom 1/2 or 5/8 in. thick panels, square edge, attached to studs over gypsum wallboard with 1-5/8 in. long, Type S-12, corrosion resistant steel screws spaced 8 in. OC and staggered 8 in. from gypsum wall board screws. Joints covered with glass fiber mesh tape. Vertical joints staggered one stud cavity from gypsum wallboard joints. Horizontal joints staggered a min of 12 in. from the gypsum wallboard joints.
UNITED STATES GYPSUM CO — Type DCB

8. **Laminating Adhesive* —** (Optional, Not Shown) — Used to bond outer layer of Cementitious Backer Units (Item 7) to inner layers of Gypsum Board (Item 4) in System D. ANSI A136.1 Type 1 organic adhesive applied with 1/4 in. square notched trowel. See Adhesives (BYWR) in the Fire Resistance Directory or Adhesives (BJLZ) in the Building Materials Directory for names of Classified companies.

9. **Lead Batten Strips —** (Not Shown, For Use With Item 4A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations. Required behind vertical joints.

9A. **Lead Batten Strips —** (Not Shown, for use with Item 4C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of

the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".. Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

10. **Lead Discs or Tabs —** (Not Shown, For Use With Item 4A) — Used in lieu of or in addition to the lead batten strips (Item 9) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

10A. **Lead Discs —** (Not Shown, for use with Item 4C) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

11. **Lead Batten Strips —** (Not Shown, For Use With Item 4B) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4B) and optional at remaining stud locations.

12. **Lead Tabs —** (Not Shown, For Use With Item 4B) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 4B) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-06-05

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have

been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U415
PART 2

PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

A11.02a

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. U906

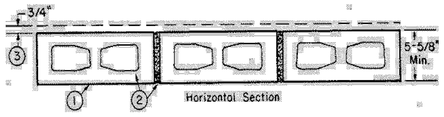
June 10, 2019

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Concrete Blocks* —** Nominal 6 by 8 by 16 in, hollow or solid. Various designs. Classification (2 hr).
See **Concrete Blocks** category for list of eligible manufacturers.

ANCHOR CONCRETE PRODUCTS INC

GAGNE & SON CONCRETE BLOCK INC

GLENWOOD MASONRY PRODUCTS

Allowable compressive stress of 57% of max allowable compressive stress in accordance with the empirical design method.

OLDCASTLE APG SOUTH INC, DBA ADAMS PRODUCTS

WESTBROOK CONCRETE BLOCK CO INC

Allowable compressive stress of 75.6% of max allowable compressive stress in accordance with the empirical design method.

2. **Mortar —** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster —** Add 1/2 hr to Classification if used. Attached to concrete blocks (Item 1).

4. **Foamed Plastic* —** (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation", "EnergyShield Pro 2 Wall Insulation", EnergyShield CGF Pro and EnergyShield Ply Pro

CARLISLE COATINGS & WATERPROOFING INC — Type R2+ SHEATHE

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS — Types "Xci-Class A", "Xci 286", "Xci Foil (Class A)"

RMAX OPERATING L L C — Types "TSX-8500", "ECOMAXci FR", "TSX-8510", "ECOMAX xi FR White", "ECOMAXci", "ECOMAXci FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath", "Thermasheath-3", "Durasheath-3".

THE DOW CHEMICAL CO — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP) and TUFF-R™ ci Insulation

4A. **Building Units —** As an alternate to Item 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.
RMAX OPERATING L L C — "Thermasheath-SI", "ECOBASEci", "ThermaBase-CI", "ECOMAXci FR Ply", "ECOMAXci Ply"

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-06-10

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. U906 PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A11.03

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

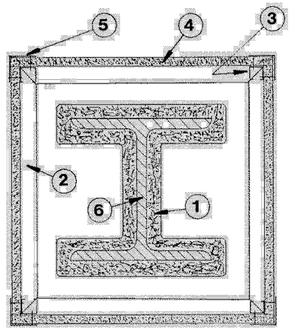
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. X525

December 26, 2018

Ratings — 2, 3 and 4 Hr.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Spray-Applied Fire Resistive Materials* —** Applied by spraying with water, in one untamped coat at the thickness shown in the table below, to steel surfaces which are free of dirt, oil or scale. Use of adhesive is optional. Min avg untamped density is 13 pcf with min ind untamped density of 11 pcf for Types II, II HS, or DC/F. Min avg and min ind densities of 22 and 19 pcf, respectively, for Type HP. Tamping is optional. For method of density determination, refer to Design Information Section.

Rating Hr	Min Thkns In.
4	2-13/16
3	2
2	1-1/4

ISOLATEK INTERNATIONAL — Type D-C/F, HP, II, or II HS, Type EBS or Type X adhesive/sealer optional.

2. **Floor and Ceiling Channels —** 1-5/8 in. wide with two 1-1/8 in. legs, 26 MSG steel, attached to floor and ceiling with fasteners spaced not to exceed 12 in. O.C. Inner leg of channels to be min. of 1 in. from outer edge of Spray Applied Fire Resistive Materials.

3. **Corner Channels —** 1-5/8 in. wide with leg dimensions of 1-5/8 in. with a 1/4 in. folded flange in legs, fabricated from 24 MSG galvanized or painted steel, 15/16 by 1-1/2 in. rectangular cutouts punched at various locations but not closer than 16 in. O.C. Channels cut 1/2 to 1 in. less in length than assembly height. Channels inserted into floor and ceiling channel openings with open side facing column.

4. **Gypsum Board* — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305**. Nom 5/8 in. thick gypsum board, attached to corner channels with 1 in. long, Type S bugle head, self-drilling, self-tapping steel screws spaced vertically 12 in. O.C. and 1/2 in. from the floor and ceiling channels. One fastener to be used at the top center of each face of the column to attach the wallboard to the ceiling channel.
CABOT MANUFACTURING ULC (View Classification) — CKNX.R25370

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R2717

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R19751

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R18482

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) —

CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG BORAL DRYWALL SFZ LLC (View Classification) — CKNX.R38438

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

4A **Gypsum Board* —** (As an alternate to Item 4) — Nominal 5/8 in. thick panels, secured as described in Item 4.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

4B. **Wall and Partition Facings and Accessories* —** (As an alternate to Items 4 and 4A) — Composite Gypsum Panel — Nominal 5/8 in. thick panels, secured as described in Item 4.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527

5. **Corner Beads —** No. 28 MSG perforated galvanized steel, 1-1/4 in. legs attached to wallboard by crimping spaced 6 in. O.C. Corner beads covered with joint compound.

6. **Steel Column —** Minimum size of column, a W8X28 with outside dimensions of 8 by 6-1/2 in. with a flange thickness of 7/16 in., a web thickness of 5/16 in. and a cross-sectional area of 8.23 sq in.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2018-12-26

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 10M DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. X525
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.04

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

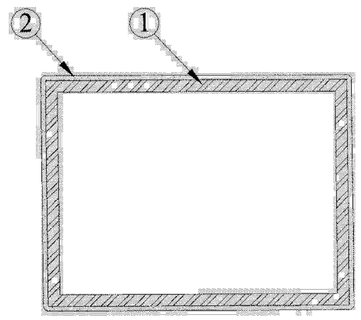
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. X633

September 30, 2010

Ratings — 1, 1-1/2, 2, 3 and 4 Hr. (See Item 2)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Steel Column —** Steel tube columns with the minimum sizes shown in the tables below. Columns shall be free if dirt, loose scale and oil. Column shall be primed with 0.003 in. dry film thickness of modified alkyd, epoxy, organic zinc or inorganic zinc based primer.

2. **Mastic and Intumescent Coating* —** Coating spray, brush or trowel applied directly from containers to desired thickness. See table below for appropriate final dry thickness.

Size	A/P	1 HR	1-1/2 HR	2 HR	3 HR	4 HR
ST 2x2x3/16	0.17	0.226	NR	NR	NR	NR
ST 2.5x2.5x3/16	0.17	0.226	NR	NR	NR	NR
ST 3x2x3/16	0.17	0.226	NR	NR	NR	NR
ST 3x3x3/16	0.18	0.226	NR	NR	NR	NR
ST 3.5x3.5x3/16	0.18	0.226	NR	NR	NR	NR
ST 4x2x3/16	0.18	0.226	NR	NR	NR	NR
ST 4x3x3/16	0.18	0.226	NR	NR	NR	NR
ST 4x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 5x2x3/16	0.18	0.226	NR	NR	NR	NR

ST 5x3x3/16	0.18	0.226	NR	NR	NR	NR
ST 5x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 5x5x3/16	0.18	0.226	NR	NR	NR	NR
ST 6x2x3/16	0.18	0.226	NR	NR	NR	NR
ST 6x3x3/16	0.18	0.226	NR	NR	NR	NR
ST 6x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 6x6x3/16	0.18	0.226	NR	NR	NR	NR
ST 7x3x3/16	0.18	0.226	NR	NR	NR	NR
ST 7x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 7x5x3/16	0.18	0.226	NR	NR	NR	NR
ST 7x7x3/16	0.18	0.226	NR	NR	NR	NR
ST 8x2x3/16	0.18	0.226	NR	NR	NR	NR
ST 8x3x3/16	0.18	0.226	NR	NR	NR	NR
ST 8x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 8x6x3/16	0.18	0.226	NR	NR	NR	NR
ST 8x8x3/16	0.18	0.226	NR	NR	NR	NR
ST 10x2x3/16	0.18	0.226	NR	NR	NR	NR
ST 10x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 10x6x3/16	0.18	0.226	NR	NR	NR	NR
ST 12x2x3/16	0.18	0.226	NR	NR	NR	NR
ST 12x4x3/16	0.18	0.226	NR	NR	NR	NR
ST 12x6x3/16	0.18	0.226	NR	NR	NR	NR
ST 2x2x1/4	0.22	0.226	NR	NR	NR	NR
ST 2.5x2.5x1/4	0.23	0.226	NR	NR	NR	NR
ST 3x2x1/4	0.23	0.226	NR	NR	NR	NR
ST 3x3x1/4	0.23	0.226	NR	NR	NR	NR
ST 3.5x3.5x1/4	0.23	0.226	NR	NR	NR	NR
ST 4x2x1/4	0.23	0.226	NR	NR	NR	NR
ST 4x3x1/4	0.23	0.226	NR	NR	NR	NR
ST 4x4x1/4	0.24	0.135	NR	NR	NR	NR

ST 5x2x1/4	0.24	0.135	NR	NR	NR	NR
ST 5x3x1/4	0.24	0.135	NR	NR	NR	NR
ST 6x2x1/4	0.24	0.135	NR	NR	NR	NR
ST 5x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 5x5x1/4	0.24	0.135	NR	NR	NR	NR
ST 6x3x1/4	0.24	0.135	NR	NR	NR	NR
ST 6x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 7x3x1/4	0.24	0.135	NR	NR	NR	NR
ST 7x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 7x7x1/4	0.24	0.135	NR	NR	NR	NR
ST 8x2x1/4	0.24	0.135	NR	NR	NR	NR
ST 8x3x1/4	0.24	0.135	NR	NR	NR	NR
ST 8x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 8x6x1/4	0.24	0.135	NR	NR	NR	NR
ST 8x8x1/4	0.24	0.135	NR	NR	NR	NR
ST 10x2x1/4	0.24	0.135	NR	NR	NR	NR
ST 10x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 10x6x1/4	0.24	0.135	NR	NR	NR	NR
ST 10x10x1/4	0.24	0.135	NR	NR	NR	NR
ST 12x2x1/4	0.24	0.135	NR	NR	NR	NR
ST 12x4x1/4	0.24	0.135	NR	NR	NR	NR
12X6X1/4	0.24	0.135	NR	NR	NR	NR
ST 12x8x1/4	0.24	0.135	NR	NR	NR	NR
ST 12x12x1/4	0.24	0.135	NR	NR	NR	NR
ST 14x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 14x6x1/4	0.24	0.135	NR	NR	NR	NR
3X3X5/16	0.28	0.124	0.292	0.394	NR	NR
3.5X3.5X5/16	0.28	0.124	0.292	0.394	NR	NR
4x2x5/16	0.28	0.124	0.292	0.394	NR	NR
4X3X5/16	0.28	0.124	0.292	0.394	NR	NR

5x2x5/16	0.28	0.124	0.292	0.394	NR	NR
4X4X5/16	0.29	0.122	0.292	0.385	NR	NR
5X3X15/16	0.29	0.122	0.292	0.385	NR	NR
5X4X5/16	0.29	0.122	0.292	0.385	NR	NR
5X5X5/16	0.29	0.122	0.292	0.385	NR	NR
6x2x5/16	0.29	0.122	0.292	0.385	NR	NR
6X3X5/16	0.29	0.122	0.292	0.385	NR	NR
6X4X5/16	0.29	0.122	0.292	0.385	NR	NR
7X3X5/16	0.29	0.122	0.292	0.385	NR	NR
7X4X5/16	0.29	0.122	0.292	0.385	NR	NR
8X2X5/16	0.29	0.122	0.292	0.385	NR	NR
8X3X5/16	0.29	0.122	0.292	0.385	NR	NR
6X6X5/16	0.30	0.119	0.292	0.377	NR	NR
7X5X5/16	0.30	0.119	0.292	0.377	NR	NR
7X7X5/16	0.30	0.119	0.292	0.377	NR	NR
8X4X5/16	0.30	0.119	0.292	0.377	NR	NR
8X6X5/16	0.30	0.119	0.292	0.377	NR	NR
8X8X5/16	0.30	0.119	0.292	0.377	NR	NR
10X2X5/16	0.30	0.119	0.292	0.377	NR	NR
10X4X5/16	0.30	0.119	0.292	0.377	NR	NR
10X6X5/16	0.30	0.119	0.292	0.377	NR	NR
10X10X5/16	0.30	0.119	0.292	0.377	NR	NR
12X4X5/16	0.30	0.119	0.292	0.377	NR	NR
12X6X5/16	0.30	0.119	0.292	0.377	NR	NR
12X8X5/16	0.30	0.119	0.292	0.377	NR	NR
12X12X5/16	0.30	0.119	0.292	0.377	NR	NR
14X4X5/16	0.30	0.119	0.292	0.377	NR	NR
14X6X5/16	0.30	0.119	0.292	0.377	NR	NR
14X10X5/16	0.30	0.119	0.292	0.377	NR	NR
16X4X5/16	0.30	0.119	0.292	0.377	NR	NR

16X8X5/16	0.30	0.119	0.292	0.377	NR	NR
18X6X5/16	0.30	0.119	0.292	0.377	NR	NR
20X4X5/16	0.30	0.119	0.292	0.377	NR	NR
14X14X5/16	0.31	0.117	0.292	0.369	NR	NR
16X12X5/16	0.31	0.117	0.292	0.369	NR	NR
16X16X5/16	0.31	0.117	0.292	0.369	NR	NR
20X8X5/16	0.31	0.117	0.292	0.369	NR	NR
4X4X3/8	0.34	0.107	0.292	0.344	NR	NR
5X3X3/8	0.34	0.107	0.292	0.344	NR	NR
5X4X3/8	0.34	0.107	0.292	0.344	NR	NR
6X2X3/8	0.34	0.107	0.292	0.344	NR	NR
6X3X3/8	0.34	0.107	0.292	0.344	NR	NR
5X5X3/8	0.35	0.105	0.292	0.336	NR	NR
6X4X3/8	0.35	0.105	0.292	0.336	NR	NR
6X6X3/8	0.35	0.105	0.292	0.336	NR	NR
7X3X3/8	0.35	0.105	0.292	0.336	NR	NR
7X4X3/8	0.35	0.105	0.292	0.336	NR	NR
7X5X3/8	0.35	0.105	0.292	0.336	NR	NR
7X7X3/8	0.35	0.105	0.292	0.336	NR	NR
8X2X3/8	0.35	0.105	0.292	0.336	NR	NR
8X3X3/8	0.35	0.105	0.292	0.336	NR	NR
8X4X3/8	0.35	0.105	0.292	0.336	NR	NR
8X6X3/8	0.35	0.105	0.292	0.336	NR	NR
10X4X3/8	0.35	0.105	0.292	0.336	NR	NR
8X8X3/8	0.36	0.102	0.292	0.328	NR	NR
10X6X3/8	0.36	0.102	0.292	0.328	NR	NR
10X10X3/8	0.36	0.102	0.292	0.328	NR	NR
12X4X3/8	0.36	0.102	0.292	0.328	NR	NR
12X6X3/8	0.36	0.102	0.292	0.328	NR	NR
12X8X3/8	0.36	0.102	0.292	0.328	NR	NR

12X12X3/8	0.36	0.102	0.292	0.328	NR	NR
14X4X3/8	0.36	0.102	0.292	0.328	NR	NR
14X6X3/8	0.36	0.102	0.292	0.328	NR	NR
14X10X3/8	0.36	0.102	0.292	0.328	NR	NR
14X14X3/8	0.36	0.102	0.292	0.328	NR	NR
16X4X3/8	0.36	0.102	0.292	0.328	NR	NR
16X8X3/8	0.36	0.102	0.292	0.328	NR	NR
16X12X3/8	0.36	0.102	0.292	0.328	NR	NR
18X6X3/8	0.36	0.102	0.292	0.328	NR	NR
20X4X3/8	0.36	0.102	0.292	0.328	NR	NR
20X8X3/8	0.36	0.102	0.292	0.328	NR	NR
16X16X3/8	0.37	0.099	0.292	0.320	NR	NR
4X4X1/2	0.44	0.078	0.166	0.263	0.465	NR
5X3X1/2	0.44	0.078	0.166	0.263	0.465	NR
5X5X1/2	0.45	0.075	0.161	0.263	0.465	NR
6X4X1/2	0.45	0.075	0.161	0.263	0.465	NR
6X6X1/2	0.46	0.072	0.157	0.263	0.465	NR
7X5X1/2	0.46	0.072	0.157	0.263	0.465	NR
7X7X1/2	0.46	0.072	0.157	0.263	0.465	NR
8X4X1/2	0.46	0.072	0.157	0.263	0.465	NR
8X6X1/2	0.46	0.072	0.157	0.263	0.465	NR
10X4X1/2	0.46	0.072	0.157	0.263	0.465	NR
8X8X1/2	0.47	0.069	0.153	0.263	0.465	NR
10X6X1/2	0.47	0.069	0.153	0.263	0.465	NR
12X4X1/2	0.47	0.069	0.153	0.263	0.465	NR
12X6X1/2	0.47	0.069	0.153	0.263	0.465	NR
14X4X1/2	0.47	0.069	0.153	0.263	0.465	NR
10X10X1/2	0.48	0.067	0.150	0.263	0.465	NR
12X8X1/2	0.48	0.067	0.150	0.263	0.465	NR
12X12X1/2	0.48	0.067	0.150	0.263	0.465	NR

14X6X1/2	0.48	0.067	0.150	0.263	0.465	NR
14X10X1/2	0.48	0.067	0.150	0.263	0.465	NR
14X14X1/2	0.48	0.067	0.150	0.263	0.465	NR
16X4X1/2	0.48	0.067	0.150	0.263	0.465	NR
16X8X1/2	0.48	0.067	0.150	0.263	0.465	NR
16X12X1/2	0.48	0.067	0.150	0.263	0.465	NR
16X16X1/2	0.48	0.067	0.150	0.263	0.465	NR
18X6X1/2	0.48	0.067	0.150	0.263	0.465	NR
20X4X.5	0.48	0.067	0.150	0.263	0.465	NR
20X8X1/2	0.48	0.067	0.150	0.263	0.465	NR
20X12X1/2	0.48	0.067	0.150	0.263	0.465	NR
8X8X5/8	0.58	0.038	0.108	0.263	0.465	NR
10X10X5/8	0.59	0.035	0.104	0.263	0.465	NR
12X8X5/8	0.59	0.035	0.104	0.263	0.465	NR
16X12X5/8	0.60	0.035	0.104	0.263	0.465	NR
12X12X2	1.67	0.035	0.104	0.248	0.248	0.248

NR-Not Rated

CARBOLINE CO — Type Nullifire S606. Investigated for Interior Conditioned Space Purpose and Interior General Purpose.(See Item 3)

3. **Top Coat —** Not required for Interior Conditioned Space Purpose. For Interior General Purpose Type Carboguard 1340, Type Rustbond Penetrating Sealer FC or Rustbond FC intermediate coat applied over the base coat at 0.002 in. thickness and Type Carbothane 133HB top-coat, Type Carbocrylic 3359 top-coat or Type Carbothane 133VOC top-coat or Carbothane 133MC top-coat applied over the intermediate coat at 0.003 in. thickness.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2010-09-30

Design/System/Construction/Assembly Usage Disclaimer

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. X633
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A11.05

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. X633
PART 2

PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

A11.05a

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

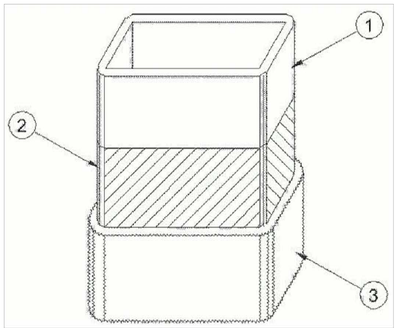
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. Y624

March 22, 2013

Ratings - 1, 1-1/2 and 2 Hr (See Item 3)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Steel Tube Column —** Steel rectangular tube (ST) or pipe (SP) columns with the minimum sizes shown in the tables below.

2. **Primer Coating —** 50 micron (2 mil) thickness of an epoxy primer 100 micron (4 mil) thickness of a modified alkyd primer or 50 micron (2 mil) of an acrylic primer.

3. **Mastic & Intumescent Coating* —** Coating spray or brush applied in accordance with the manufacturer's instructions at the minimum average dry thickness shown in the thickness below. The thickness shown does not include primer thickness.

	Required Thickness (mm)		
Hp/A	**60 min.**	**90 min.**	**120 min.**
210	4.09	6.04	8.96
205	4.01	5.94	8.80
200	3.92	5.83	8.65
195	3.84	5.73	8.49
190	3.75	5.63	8.34
185	3.67	5.52	8.18

180	3.58	5.42	8.03
175	3.50	5.32	7.87
170	3.41	5.22	7.72
165	3.33	5.11	7.56
160	3.25	5.01	7.40
155	3.16	4.91	7.25
150	3.08	4.80	7.09
145	2.99	4.70	6.94
140	2.91	4.60	6.78
135	2.82	4.49	6.63
130	2.74	4.39	6.47
125	2.65	4.29	6.32
120	2.57	4.18	6.16
115	2.49	4.08	6.00
110	2.40	3.98	5.85
105	2.32	3.87	5.69
100	2.23	3.77	5.54
95	2.15	3.67	5.38
90	2.06	3.57	5.23
85	1.98	3.46	5.07
80	1.89	3.36	4.92
75	1.81	3.26	4.76
70	1.72	3.15	4.61
65	1.64	3.05	4.45

		Required Thickness (in)		
HSS Tube Size	**A/P**	**60 min.**	**90 min.**	**120 min.**
2x2x1/4	0.21	0.149	0.223	0.331
2.5x2.5x1/4	0.21	0.149	0.223	0.331
3x2x1/4	0.21	0.149	0.223	0.331
3x3x1/4	0.22	0.143	0.216	0.320

3.5x3.5x1/4	0.22	0.143	0.216	0.320
4x2x1/4	0.22	0.143	0.216	0.320
4x3x1/4	0.22	0.143	0.216	0.320
4x4x1/4	0.22	0.143	0.216	0.320
5x2x1/4	0.22	0.143	0.216	0.320
5x3x1/4	0.22	0.143	0.216	0.320
6x2x1/4	0.22	0.143	0.216	0.320
5x4x1/4	0.22	0.143	0.216	0.320
5x5x1/4	0.22	0.143	0.216	0.320
6x3x1/4	0.22	0.143	0.216	0.320
6x4x1/4	0.22	0.143	0.216	0.320
7x3x1/4	0.22	0.143	0.216	0.320
8x2x1/4	0.22	0.143	0.216	0.320
7x4x1/4	0.23	0.137	0.209	0.309
7x7x1/4	0.23	0.137	0.209	0.309
8x3x1/4	0.23	0.137	0.209	0.309
8x4x1/4	0.23	0.137	0.209	0.309
8x6x1/4	0.23	0.137	0.209	0.309
8x8x1/4	0.23	0.137	0.209	0.309
10x2x1/4	0.23	0.137	0.209	0.309
10x4x1/4	0.23	0.137	0.209	0.309
10x6x1/4	0.23	0.137	0.209	0.309
10x10x1/4	0.23	0.137	0.209	0.309
12x2x1/4	0.23	0.137	0.209	0.309
12x4x1/4	0.23	0.137	0.209	0.309
12X6X1/4	0.23	0.137	0.209	0.309
12x8x1/4	0.23	0.137	0.209	0.309
12x12x1/4	0.23	0.137	0.209	0.309
14x4x1/4	0.23	0.137	0.209	0.309
14x6x1/4	0.23	0.137	0.209	0.309

3X3X5/16	0.27	0.120	0.187	0.277
3.5X3.5X5/16	0.27	0.120	0.187	0.277
4x2x5/16	0.27	0.120	0.187	0.277
4X3X5/16	0.27	0.120	0.187	0.277
5x2x5/16	0.27	0.120	0.187	0.277
4X4X5/16	0.27	0.120	0.187	0.277
5X3X15/16	0.27	0.120	0.187	0.277
6x2x5/16	0.27	0.120	0.187	0.277
5X4X5/16	0.28	0.116	0.183	0.271
5X5X5/16	0.28	0.116	0.183	0.271
6X3X5/16	0.28	0.116	0.183	0.271
6X4X5/16	0.28	0.116	0.183	0.271
7X3X5/16	0.28	0.116	0.183	0.271
7X4X5/16	0.28	0.116	0.183	0.271
8X2X5/16	0.28	0.116	0.183	0.271
8X3X5/16	0.28	0.116	0.183	0.271
6X6X5/16	0.28	0.116	0.183	0.271
7X5X5/16	0.28	0.116	0.183	0.271
7X7X5/16	0.28	0.116	0.183	0.271
8X4X5/16	0.28	0.116	0.183	0.271
8X6X5/16	0.28	0.116	0.183	0.271
8X8X5/16	0.28	0.116	0.183	0.271
10X2X5/16	0.28	0.116	0.183	0.271
10X4X5/16	0.28	0.116	0.183	0.271
10X6X5/16	0.28	0.116	0.183	0.271
10X10X5/16	0.28	0.116	0.183	0.271
12X4X5/16	0.28	0.116	0.183	0.271
12X6X5/16	0.28	0.116	0.183	0.271
12X8X5/16	0.28	0.116	0.183	0.271
14X4X5/16	0.28	0.116	0.183	0.271

14X6X5/16	0.28	0.116	0.183	0.271
16X4X5/16	0.28	0.116	0.183	0.271
12X12X5/16	0.29	0.113	0.179	0.265
14X10X5/16	0.29	0.113	0.179	0.265
16X8X5/16	0.29	0.113	0.179	0.265
18X6X5/16	0.29	0.113	0.179	0.265
20X4X5/16	0.29	0.113	0.179	0.265
14X14X5/16	0.29	0.113	0.179	0.265
16X12X5/16	0.29	0.113	0.179	0.265
16X16X5/16	0.29	0.113	0.179	0.265
20X8X5/16	0.29	0.113	0.179	0.265
4X4X3/8	0.32	0.104	0.168	0.247
5X3X3/8	0.32	0.104	0.168	0.247
6X2X3/8	0.32	0.104	0.168	0.247
5X4X3/8	0.33	0.102	0.166	0.244
6X3X3/8	0.33	0.102	0.166	0.244
5X5X3/8	0.33	0.102	0.166	0.244
6X4X3/8	0.33	0.102	0.166	0.244
6X6X3/8	0.33	0.102	0.166	0.244
7X3X3/8	0.33	0.102	0.166	0.244
7X4X3/8	0.33	0.102	0.166	0.244
7X5X3/8	0.33	0.102	0.166	0.244
8X2X3/8	0.33	0.102	0.166	0.244
8X3X3/8	0.33	0.102	0.166	0.244
8X4X3/8	0.33	0.102	0.166	0.244
7X7X3/8	0.34	0.099	0.162	0.239
8X6X3/8	0.34	0.099	0.162	0.239
10X4X3/8	0.34	0.099	0.162	0.239
8X8X3/8	0.34	0.099	0.162	0.239
10X6X3/8	0.34	0.099	0.162	0.239

10X10X3/8	0.34	0.099	0.162	0.239
12X4X3/8	0.34	0.099	0.162	0.239
12X6X3/8	0.34	0.099	0.162	0.239
12X8X3/8	0.34	0.099	0.162	0.239
12X12X3/8	0.34	0.099	0.162	0.239
14X4X3/8	0.34	0.099	0.162	0.239
14X6X3/8	0.34	0.099	0.162	0.239
14X10X3/8	0.34	0.099	0.162	0.239
14X14X3/8	0.34	0.099	0.162	0.239
16X4X3/8	0.34	0.099	0.162	0.239
16X8X3/8	0.34	0.099	0.162	0.239
16X12X3/8	0.34	0.099	0.162	0.239
18X6X3/8	0.34	0.099	0.162	0.239
20X4X3/8	0.34	0.099	0.162	0.239
20X8X3/8	0.34	0.099	0.162	0.239
16X16X3/8	0.34	0.099	0.162	0.239
4X4X1/2	0.42	0.084	0.144	0.211
5X3X1/2	0.42	0.084	0.144	0.211
5X5X1/2	0.43	0.083	0.142	0.208
6X4X1/2	0.43	0.083	0.142	0.208
6X6X1/2	0.44	0.081	0.140	0.206
7X5X1/2	0.44	0.081	0.140	0.206
7X7X1/2	0.44	0.081	0.140	0.206
8X4X1/2	0.44	0.081	0.140	0.206
8X6X1/2	0.44	0.081	0.140	0.206
10X4X1/2	0.44	0.081	0.140	0.206
8X8X1/2	0.44	0.081	0.140	0.206
10X6X1/2	0.44	0.081	0.140	0.206
12X4X1/2	0.44	0.081	0.140	0.206
12X6X1/2	0.45	0.080	0.139	0.203

14X4X1/2	0.45	0.080	0.139	0.203
10X10X1/2	0.45	0.080	0.139	0.203
12X8X1/2	0.45	0.080	0.139	0.203
12X12X1/2	0.45	0.080	0.139	0.203
14X6X1/2	0.45	0.080	0.139	0.203
14X10X1/2	0.45	0.080	0.139	0.203
14X14X1/2	0.45	0.080	0.139	0.203
16X4X1/2	0.45	0.080	0.139	0.203
16X8X1/2	0.45	0.080	0.139	0.203
16X12X1/2	0.45	0.080	0.139	0.203
16X16X1/2	0.45	0.080	0.139	0.203
18X6X1/2	0.45	0.080	0.139	0.203
20X4X1/2	0.45	0.080	0.139	0.203
20X8X1/2	0.45	0.080	0.139	0.203
20X12X1/2	0.45	0.080	0.139	0.203
8X8X5/8	0.55	0.069	0.126	0.184
10X10X5/8	0.55	0.069	0.126	0.184
12X8X5/8	0.55	0.069	0.126	0.184
16X12X5/8	0.56	0.068	0.124	0.181

		Required Thickness (in)		
HSS Pipe Size	**A/P**	**60 min.**	**90 min.**	**120 min.**
3x0.216	0.19	0.161	0.238	0.353
3.5x0.216	0.19	0.161	0.238	0.353
2.5X0.25	0.21	0.149	0.223	0.331
3X0.25	0.22	0.143	0.216	0.320
3.5X0.25	0.22	0.143	0.216	0.320
4X0.25	0.22	0.143	0.216	0.320
5X0.25	0.22	0.143	0.216	0.320
6X0.25	0.22	0.143	0.216	0.320
6.625X0.25	0.23	0.137	0.209	0.309

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. Y624
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.06

7X0.25	0.23	0.137	0.209	0.309
7.5X0.25	0.23	0.137	0.209	0.309
8.625X0.25	0.23	0.137	0.209	0.309
9.625X0.25	0.23	0.137	0.209	0.309
10X0.25	0.23	0.137	0.209	0.309
12.5X0.25	0.23	0.137	0.209	0.309
5X0.258	0.23	0.137	0.209	0.309
6X0.28	0.25	0.128	0.197	0.292
3 X 0.3	0.25	0.128	0.197	0.292
3.5X0.300	0.26	0.124	0.192	0.284
3.5X0.313	0.27	0.120	0.187	0.277
4X0.313	0.27	0.120	0.187	0.277
5X0.312	0.27	0.120	0.187	0.277
6X0.312	0.28	0.116	0.183	0.271
6.625X0.312	0.28	0.116	0.183	0.271
7X0.312	0.28	0.116	0.183	0.271
7.5X0.312	0.28	0.116	0.183	0.271
9.625X0.312	0.28	0.116	0.183	0.271
10X0.312	0.28	0.116	0.183	0.271
12.5X0.312	0.28	0.116	0.183	0.271
14X0.312	0.29	0.113	0.179	0.265
16X0.312	0.29	0.113	0.179	0.265
4X0.337	0.29	0.113	0.179	0.265
5X0.375	0.33	0.102	0.166	0.244
10X0.375	0.34	0.099	0.162	0.239
14X0.375	0.34	0.099	0.162	0.239
16X0.375	0.34	0.099	0.162	0.239
18X0.375	0.34	0.099	0.162	0.239
20X0.375	0.34	0.099	0.162	0.239
16X0.438	0.40	0.087	0.148	0.217

5X0.5	0.43	0.083	0.142	0.208
6X0.5	0.43	0.083	0.142	0.208
7X0.5	0.43	0.083	0.142	0.208
10X0.5	0.44	0.081	0.140	0.206
12.5X0.5	0.45	0.080	0.139	0.203
14X0.5	0.45	0.080	0.139	0.203
16X0.5	0.45	0.080	0.139	0.203
18X0.5	0.45	0.080	0.139	0.203
20X0.5	0.45	0.080	0.139	0.203
10X0.625	0.55	0.069	0.126	0.184
11.25X0.625	0.55	0.069	0.126	0.184
12X0.625	0.55	0.069	0.126	0.184

LEIGH'S PAINTS — FIRETEX FX5120 INVESTIGATED FOR INTERIOR CONDITIONED SPACE AND INTERIOR GENERAL PURPOSE

SHERWIN WILLIAMS CO — FIRETEX FX5120 INVESTIGATED FOR INTERIOR CONDITIONED SPACE AND INTERIOR GENERAL PURPOSE

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2013-03-22

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product

category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. Y624
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.06a

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. L511

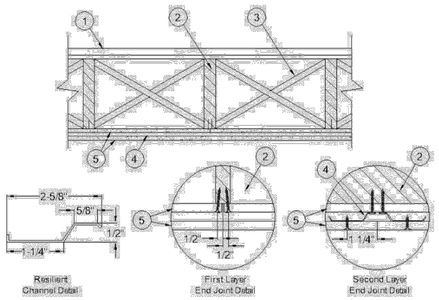
May 02, 2019

Unrestrained Assembly Rating — 2 Hr.

Finish Rating — 71 Min.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Flooring Systems —** The flooring system shall consist of one of the following:

System No. 1

Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists.

Vapor Barrier — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Min 1 by 3 in. T & G and end matched, laid perpendicular to joists.

System No. 2

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1800 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

USG MEXICO S A DE C V — Types LRK, HSLRK, CSD

Floor Mat Materials* — (Optional) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* (Optional) — Nom 3/8 in. thick floor mat material loose laid over the subfloor. Floor topping thickness shall be as specified under **Floor Topping Mixture*.**
GRASSWORX L L C — Type SC50

System No. 3

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) —Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Min 19/32 in. wood structural panels, min grade "Underlayment" or "Single Floor". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.

System No. 4

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

ELASTIZELL CORP OF AMERICA — Type FF

System No. 5

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.

Floor Mat Materials* - (Optional) — Floor mat material nom 5/64 in. (2mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTscu 4002

HACKER INDUSTRIES INC — Type Hacker Sound-Mat.

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/4 in. (6mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. (32mm) of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTrbm 3006-3

HACKER INDUSTRIES INC — Type Hacker Sound-Mat II.

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/8 in. (3mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 125

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/4 in. (6mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/8 in. (10mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/4 in. (19mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075

Metal Lath (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for min 19/32 or min 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant, Firm-Fill 3310.

System No. 6

Deleted.

System No. 7

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Retarder — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for min 19/32 or min 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Mixture shall consist of 5 to 8 gal of water to 80 lbs of floor topping mixture to 2.1 cu ft of sand.

ULTRA QUIET FLOORS — Types UQF-A, UQF-Super Blend, UQF-Plus 200

System No. 8

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

MAXXON CORP — Type D-C, GC, GC2000, L-R, T-F, CT, SS

RAPID FLOOR SYSTEMS — Type RF, RFP, RFU, Ortecrete

Floor Mat Materials* - (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

MAXXON CORP — Type Acousti-Mat 1/8, Acousti-Mat 1/4, Acousti-Mat 1/4 Premium, Acousti-Mat 3/8, Acousti-Mat 3/8 Premium, Acousti-Mat 3/4, Acousti-Mat 3/4 Premium, Acousti-Top.

Floor Mat Reinforcement — (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath — (Optional) — 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.

Fiber Glass Reinforcement - (Optional, Not Shown) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs/sq yd loose laid over the floor mat material.

System No. 9

Subflooring — Min 15/32 in. thick wood structural panels, min grade C-D or Sheathing. Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Floor Topping Mixture* — Min 3/4 floor topping mixture, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

FORMULATED MATERIALS LLC — Types FR-25, FR-30, and SiteMix

Alternate Floor Mat Material* — (Optional) Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively.

FORMULATED MATERIALS LLC — Types M1, M2, M3, Elite, Duo, R1, and R2

System No. 10

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Finish Floor - Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

System No. 11

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 105 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.2 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, and 300 lbs of sand with 5.5 gal of water.

AERIX INDUSTRIES — Floor Topping Mixture

System No. 12

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring - Floor Topping Mixture* — Min 3/4 floor topping mixture , having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ACG MATERIALS — Accu-Crete types NexGen, Green, Prime, B, M, and PrePour, AccuRadiant, AccuLevel types G40, G50 and SD30.

Alternate Floor Mat Material* - (Optional) - Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively.

ACG MATERIALS — AccuQuiet types P80, C40, D13, D-18, D25, DX38, EM.125, EM.125S, EM.250, EM.250S, EM.375, EM.375S, EM.750, and EM.750S.

System No. 13

Subflooring — 15/32 or 19/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 2100 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

System No. 14

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L511
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A11.10

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 15

Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists.

Vapor Barrier — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring - Floor Topping Mixture* — Min 1 in. thickness of floor topping mixture having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ACG MATERIALS — Accu-Crete, AccuRadiant

Floor Mat Material* — (Optional) - Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in.

ACG MATERIALS — Type AccuQuiet P80, Type AccuQuiet C40, Type AccuQuiet RSM 20, Type AccuQuiet RSM 32, Type AccuQuiet RSM 48, Type AccuQuiet RSM 64, and Type AccuQuiet RSM 120

System No. 16

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring - Floor Topping Mixture* — Min 3/4 floor topping mixture , having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

DEPENDABLE LLC — GSL M3.4, GSL K2.6, GSL-CSD and GSL RH.

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 17

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

Floor Mat Materials* — (Optional) - Nom 3/32 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

PLITEQ INC — Type GenieMat RST02

Floor Mat Materials* — (Optional) - Nom 3/16 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

PLITEQ INC — Type GenieMat FF03NP

Floor Mat Materials* — (Optional) - Nom 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

PLITEQ INC — Type GenieMat FF06

Floor Mat Materials* — (Optional) - Nom 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

PLITEQ INC — Type GenieMat FF10

Floor Mat Materials* — (Optional) - Nom 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

PLITEQ INC — Type GenieMat FF17

Floor Mat Materials* — (Optional) - Nom 1 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

PLITEQ INC — Type GenieMat FF25

System No. 18

Subflooring— Structural Cement-Fiber Units* — Nominal 19 mm (3/4 in.) thick tongue and groove structural cement-fiber units. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels fastened to the joists with #10 self-drilling, self-tapping cement board screws 1-3/4 in. long. Screws shall be spaced 6 in. OC along the perimeter of each sheet and 12 in. OC in the field of each sheet. Screws shall be spaced 1/2 in. from end joints and 1 in. from side joints.
ECTEK INTERNATIONAL INC — Armoroc Panel

Subflooring (Alternate) — Building Units* — Nom 3/4 in. thick, tongue and grooved boards. Long dimension of boards to be perpendicular to joists with end joints staggered a min of 4 ft. and centered over the joists. Boards secured to joists with 1-1/4 in. long self-drilling, self- tapping screws spaced a max of 12 in. OC in the field with screws located 1 in. from long edge, and max 8 in. OC along the end joints with screws located 1/2 in. from end joint.
ECTEK INTERNATIONAL INC — Type MegaBoard

Vapor Barrier — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Min 1 by 3 in. T & G and end matched.

System No. 19

Structural Cement-Fiber Units* — For use with **UNITED STATES GYPSUM CO** gypsum boards only. Nom 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to wood trusses with end joints staggered a min of 2 ft and centered over the trusses. Panels secured to wood trusses with 1-5/8 in. long, No. 8, self- countersinking wood screw spaced a max of 12 in. OC in the field with a screw located 1 in. and 2 in. from each edge, and 8 in. OC on the perimeter with a screw located 2 in. from each edge, located 1/2 in. from the end edges of the panel.
UNITED STATES GYPSUM CO — Types STRUCTO-CRETE, USGSP

System No. 20

Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists.

Finish Flooring - Floor Topping Mixture* — Min 1 in. thickness of floor topping mixture having a min compressive strength of 4500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
SIKA DEUTSCHLAND GMBH — Type SCHONOX AP Rapid Plus

System No. 21

Subflooring - Building Units* — Nom. 1-1/2 in. thick T & G laminated composite plywood sub-floor panels to be perpendicular to the trusses with end joints staggered 4 ft. End joints centered over top chord of trusses. Subfloor panels secured to trusses with construction adhesive and #8 by 3 in. wood screws spaced 12 in. OC in the field and 6 in. OC at the end joints.
RSP INDUSTRIES INC — SAP board

2. **Wood Joists —** Min 2 by 10, spaced 16 in. OC and effectively fireblocked in accordance with local codes.

3. **Cross Bridging —** Min 1 by 3 in. or min 2 by 10 solid blocking.

4. **Resilient Channels —** Formed of 25 MSG galv steel, spaced 24 in. OC perpendicular to joists and located 12 in. from each side edge of base layer gypsum board. Channels placed with 1/4 in. clearance at the ends and fastened to each joist with 1-7/8 in. long Type S bugle head screws. Min end clearance of channels to walls: 3/8 in. Additional channels 60 in. long, placed adjacent to continuous channels at end joints of second layers of gypsum board (Item 5) and similarly secured. Channel ends to extend 6 in. beyond each side of joint.

4A. **Steel Framing Members (Not Shown)* —** As an alternate to Item 4, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel.

2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to joists. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to joists. Clips spaced 48 in. OC., and secured to alternating joists with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 5.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

4B. **Alternate Steel Framing Members* —** (Not Shown) — As an alternate to items 4, furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in deep, spaced 24 in OC, perpendicular to joists. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). Clips spaced 48 in. OC., and secured to alternating joists with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 5.
PLITEQ INC — Type Genie Clip

4C. **Alternate Steel Framing Members* —** (Not Shown) - As an alternate to Item 4, furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-5/8 in. wide by 7/8 in deep, spaced 24 in OC, perpendicular to joists. Channels secured to joists as described in Item b.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). Clips spaced at 48 in. OC and secured to the bottom of the joists with one 2 in. Coarse Drywall Screw with 1 in. diam washer through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire.Additional clips are required to hold the Gypsum Butt joints as described in Item 5.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

4D. **Alternate Steel Framing Members* —** (Not Shown) - As an alternate to Item 4, furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-1/2 in. wide by 7/8 in deep, spaced 24 in OC, perpendicular to joists. Channels secured to joists as described in Item b.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). Clips spaced at 48 in. OC and secured to the bottom of the joists with one 2-1/2 in. Coarse Drywall Screw with 1 in. diam washer through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire. Additional clips are required to hold the Gypsum Butt joints as described in Item 5.
REGUPOL AMERICA — Type SonusClip

4E. **Steel Framing Members* — (Not Shown)*** — As an alternate to Item 4, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. and 1-1/2 in. deep, spaced 24 in. OC perpendicular to joists. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to joists. Clips spaced 48 in. OC., and secured to alternating joists with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.. Adjoining channels are overlapped as described in

Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 5.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

5. **Gypsum Board* —** Two layers of nom 5/8 in. thick, 4 ft wide gypsum board. When resilient channels (Item 4) are used, first layer installed perpendicular to joists with end joints located over bottom of joists. Gypsum board attached to joists with 6d cement coated cooler nails spaced 1 in., 6 in. and 21 in. from each side edge in the field of the board. Butt edges shall occur under joists, fastened with nails spaced 1 in., 6 in., 15 in. and 21 in. from side edges of board, and 1/2 in. back from butt edge. Second layer of gypsum board secured to resilient channels with 1 in. long Type S bugle head screws spaced 12 in. OC with additional screws placed 3 in. from each side edge. End joints of second layer offset from end joints in first layer, and secured to both resilient channels as shown in end joint detail. Screws located 3/4 in. and 1-1/4 in. from side and end joints of boards. When **Steel Framing Members** (Item 4A, 4B, 4E) are used, sheets installed with long dimensions parallel with joists. Base layer attached to the furring channels using 1 in. long Type S bugle head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. Butted end joints shall be staggered min 2 ft. within the assembly, and occur midway between the continuous furring channels. Each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to underside of the joist with one RSIC-1 or Genie clip at each end of the channel. Butted base layer end joints to be offset a min of 24 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle head steel screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints to be offset a min of 8 in. from base layer end joints. Butted side joints of outer layer to be offset min 18 in. from butted side joints of base layer. When **Steel Framing Members** (Item 4C) are used, base layer of gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. and centered over main furring channels. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end. The two support furring channels shall be spaced approximately 3 in. in from joint. Screw spacing along the gypsum board butt joint and along both additional channels shall be 8 in. OC. Butt joint furring channels shall be attached with one RESILMOUNT Sound Isolation Clip at each end of the channel. Face layer installed per Item 5. When **Steel Framing Members** (Item 4D) are used, base layer of gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
Info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L511
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.10a

secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. and centered over main furring channels. At the gypsum board butt joints, an additional single length of furring channel shall be installed and be spaced approximately 3 in. from the butt joint (6 in. from the continuous furring channels) to support the floating end of the gypsum board. Each of these shorter sections of furring channel shall extend one joist beyond the width of the gypsum panel and be attached to the adjacent joists with one SonusClip at every joist involved with the butt joint.
AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C, FSW-G

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

6. **Finishing System - (Not Shown) —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom. 3/32 in.

thick veneer plaster may be applied to the entire surface of the gypsum board.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-05-02

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES
BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L511
PART 3

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.10b

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. L524

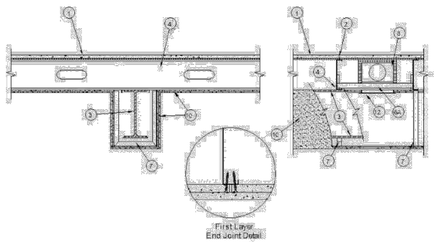
November 22, 2019

Unrestrained Assembly Rating — 1 Hr.

Unrestrained Beam Rating — 1 Hr.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Flooring System —** The flooring system shall consist of one of the following:

System No. 1

Finish Flooring — Min 19/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered. Long edges shall be T & G.

System No. 2

Subflooring — Min 15/32 in. thick plywood or min 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Min 19/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered. Long edges shall be T & G.

System No. 3

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1800 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

USG MEXICO S A DE C V — Types LRK, HSLRK, CSD

Floor Mat Materials* — (Optional) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* — (Optional) - Nom 3/8 in. thick floor mat material loose laid over the subfloor. Floor topping thickness shall be as specified under **Floor Topping Mixture.**
GRASSWORX L L C — Type SC50

System No. 4

Subflooring — Min 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

ELASTIZELL CORP OF AMERICA — Type FF.

System No. 5

Subflooring — Min 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.030 in. thick commercial asphalt saturated felt.

Floor Mat Materials* — (Optional)— Floor mat material nom 5/64 in. (2mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1 in. of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTscu 4002

HACKER INDUSTRIES INC — Type Hacker Sound-Mat.

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/4 in. (6mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. (32mm) of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTrbm 3006-3

HACKER INDUSTRIES INC — Type Hacker Sound-Mat II.

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/8 in. (3mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 3/4 in. (19mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 125

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/4 in. (6mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/8 in. (10mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/4 in. (19mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075

Metal Lath (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.
HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant.

System No. 6

Deleted.

System No. 7

Subflooring — Min 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1000 psi. Mixture shall consist of 5 to 8 gal of water to 80 lbs of floor topping mixture to 2.1 cu ft of sand.

ULTRA QUIET FLOORS — Types UQF-A, UQF-Super Blend, UQF-Plus 2000.

System No. 8

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

MAXXON CORP — Type D-C, GC, GC2000, L-R, T-F, CT, SS

RAPID FLOOR SYSTEMS — Types RF, RFP, RFU, Ortecrete

Floor Mat Materials* — (Optional) - Floor mat material loose laid over the subfloor.

MAXXON CORP — Type Acousti-Mat 1/8, Acousti-Mat 1/4, Acousti-Mat 1/4 Premium, Acousti-Mat 3/8, Acousti-Mat 3/8 Premium, Acousti-Mat 3/4, Acousti-Mat 3/4 Premium, Acousti-Top.

Floor Mat Reinforcement — (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath — (Optional) — 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.

Fiber Glass Reinforcement - (Optional, Not Shown) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs/sq yd loose laid over the floor mat material.

System No. 9

Subflooring — Min 15/32 in. thick wood structural panels, min grade C-D or Sheathing. Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

FORMULATED MATERIALS LLC — Types FR-25, FR-30, and SiteMix

Alternate Floor Mat Material* — (Optional) Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

FORMULATED MATERIALS LLC — Types M1, M2, M3, Elite, Duo, R1, and R2

System No. 10

Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists, or min 15/32 in. thick plywood or min 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or

strength axis of panel to be perpendicular to joists with joints staggered.

Finish Flooring - Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

System No. 11

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.2 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

AERIX INDUSTRIES — Floor Topping Mixture

System No. 12

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) - Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ACG MATERIALS — Accu-Crete types NexGen, Green, Prime, B, M, and PrePour, AccuRadiant, AccuLevel types G40, G50 and SD30.

Alternate Floor Mat Material* - (Optional) - Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1

in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively.

ACG MATERIALS — AccuQuiet types P80, C40, D13, D-18, D25, DX38, EM.125, EM.125S, EM.250, EM.250S, EM.375, EM.375S, EM.750, and EM.750S.

System No. 13

Subflooring — 15/32 or 19/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 2100 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

System No. 14

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
Info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L524
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A11.11

Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 15

Subflooring — Min 23/32 in. thick T&G wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panels to be perpendicular to the trusses with end joints staggered 4 ft. Panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Gypsum Board* — One layer of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1 in. long No. 6 Type W bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches from the joints of the subfloor.

GEORGIA-PACIFIC GYPSUM L L C — Type DS

Floor Mat Materials* — (As an alternate to the single layer gypsum board) - Floor mat material loose laid over the subfloor.

MAXXON CORP — Type Acousti-Mat 1/8, Acousti-Mat 1/4, Acousti-Mat 1/4

Premium, Acousti-Mat 3/8, Acousti-Mat 3/8 Premium, Acousti-Mat 3/4, Acousti-Mat 3/4 Premium, Acousti-Top.

Gypsum Board* — (For use when floor mat is used) Two layers of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists on top of the floor mat material. Gypsum board secured to each other with 1 in. long No. 6 Type G bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches in between layers and from the joints of the subfloor.

GEORGIA-PACIFIC GYPSUM L L C — Type DS

System No. 16

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

DEPENDABLE LLC — GSL M3.4, GSL K2.6, GSL-CSD and GSL RH

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of

1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 17

Subflooring — Min 15/32 in. thick plywood or 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Wall and Partition Facings and Accessories* - Sound Barrier (Optional) — Acoustic Sleeper pads stapled to the top of the subfloor and centered over joists. Acoustic Sleeper pads are to be spaced appropriately so that the finish floor panels are fastened through Acoustic Sleeper pads to the joist.
STC ARCHITECTURAL PRODUCTS L L C DBA STC SOUND CONTROL — Acoustic Sleeper

Finish Floor — Min 19/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered. Butt joints of panels have the option of being sealed with any UL Classified caulk or sealant found under - Fill, Void or Cavity Materials* (XHHW).

System No. 18

Subflooring — Min 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

Finish Flooring - Floor Topping Mixture* — Min 1 in. thickness of floor topping mixture having a min compressive strength of 4500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
SIKA DEUTSCHLAND GMBH — Type SCHONOX AP Rapid Plus

2. **Flooring Fasteners —** (Not Shown) - The subflooring (first layer) of each floor system and finish flooring of System No. 1 are to be fastened to the steel joists with Type S12 by 1-15/16 in. long self-drilling, pilot point, steel screws. The screws are to be spaced 6 in. OC around the perimeter of the floor and at all end (butt) joints of the panels. Spacing in the field to be 10 in. OC. For flooring System No. 2, the finish flooring is to be fastened to the subflooring with Type S12 by 2 in. long steel screws spaced 6 in. OC around the perimeter of the floor and at all end (butt) joints of the finish flooring panels. Spacing in the field to be 10 in. OC with rows of screws spaced 16 in. OC.

3. **Structural Steel Member —** Min W8 x 15 wide flange steel beam.

4. **Steel Joists —** The joists are channel-shaped, min 7 in. deep with min 1-5/8 in. wide flanges and 1/2 in. long stiffening flanges. The joists are fabricated from min No. 18 MSG galv steel. Min yield strength of steel is either 33,000 or 40,000 psi with corresponding max working stress of 20,000 and 24,000 psi. Joists spaced max 24 in. OC. At joist splices bearing on supports, joists are overlapped a min of 3 in. **When ceiling damper (Item 8) is used, min joist depth is 14 in.**

5. **Joist Stiffeners —** (Not Shown) - Channel-shaped stiffeners, made from min No. 18 MSG galv steel. Stiffeners are 6-13/16 in. long, 3-1/2 in. deep with 1-5/8 in. flanges and 1/2 in. stiffening flanges. The joist stiffeners are used at all bearing locations of the joists.

6. **Joist Bridging —** (Not Shown) - Installed immediately after joists are erected and before construction loads are applied. The bridging consisting of joist section cut to length and placed between outer supports, adjacent to openings and at mid-span with 8 ft OC max spacing. Bridging channels are screw-attached at each end to joist webs using angle clips. V-bracing of 1-1/2 in. by 20-gal galvanized steel is screw-attached to bottom joist flange between bridging channels.

6A. **Horizontal Joist Bridging —** Used in lieu of Item 6 in same joist bay as ceiling damper (Item 8), when ceiling damper is employed. Joist section cut to length and secured to joists above bottom flanges with Type S12 screws and 1-1/2 by 1-1/2 in. No. 18 MSG galv steel angles.

7. **Beam Cage —** The cage used to support the gypsum board beam protection is fabricated from No. 24 MSG electrogalvanized steel angle with 7/8 by 1-3/8 in. legs and No. 25 MSG, electrogalvanized steel channel studs, 2-1/2 in. wide with 1 in. legs. Angles are fastened to the steel joists using 1/2 in. pan head steel sheet metal screws.

8. **Ceiling Damper* —** (Optional) - Max nom area shall be 198 sq in. Max

rectangular size shall be 12 in. wide by 16-1/2 in. long. Max height of damper shall be 8-3/4 in. Aggregate damper openings shall not exceed 99 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille (Item 13) shall be installed in accordance with installation instructions.
RUSKIN COMPANY — Model CFD7

9. **Ceiling Damper Support —** (Not Shown) - Provided with ceiling damper. Support secured to ceiling damper and steel joists in accordance with installation instructions provided with ceiling damper.

10. **Gypsum Board* —** For Ceiling - Two layers of 1/2 in. thick gypsum board installed with long dimensions perpendicular to joists. Base layer attached to steel joists using 1 in. long, Type S12 bugle head steel screws spaced 8 in. OC along butt joints and 12 in. OC in field along the joists. Butt joints to occur beneath joists with screws located 1/2 in. for the butt joints. Outer layer attached to assembly using 1-1/2 in. long, Type G bugle head steel screws spaced 8 in. OC along butt joints and with 1-5/8 in. long, Type S12 bugle head steel screws spaced 12 in. OC in the field along the joists. Butt joints of outer layer to occur between joists with screws located 3/4 in. from the butt joints. Edge joints to be staggered between layers. **For Beam** - Two layers of 1/2 in. thick gypsum board fastened to beam cage. Inner layer secured using 1 in. long, Type S12 bugle head steel screws spaced 12 in. OC and outer layer fastened to cage using 1-5/8 in. long, Type S12 bugle head steel screws spaced 12 in. OC. Joints are to be staggered between layers.
CABOT MANUFACTURING ULC — Type C

AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Type C, IP-X2

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Type C, IP-X2

USG BORAL DRYWALL SFZ LLC — Type C

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L524
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

A11.11a

USG MEXICO S A DE C V — Type C, IP-X2

10A. **Gypsum Board* —** (Not Shown)- As an alternate to Item 12. Two layers of nom 5/8 in. thick by 48 in. wide gypsum board installed as described in Item 10.
UNITED STATES GYPSUM CO — Type ULIX

11. **Steel Framing Members* —** As an alternate to the direct attachment of the Gypsum Board* (Item 10), Steel Framing Members* and Gypsum Board* (Item 12) may be installed beneath the bottom flange of the steel beam.

a. **Main Runners —** Nom 12 ft long, with 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC, installed perpendicular to steel beam. Main runners hung a min of 2 in. below bottom chord of steel beam and secured to steel joists with No. 12 SWG galv steel wire, spaced a max of 48 in. OC.

b. **Cross Tees or Channels —** Nom 4 ft long cross tees, with 15/16 in. or 1-1/2 in. wide face, or nom 4 ft long cross channels, with 1-1/2 in. wide face, either spaced 16 in. OC, installed perpendicular to the main runners. Additional cross tees or channels used 8 in. from each side of butted gypsum board end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.

c. **Wall Angles or Channels —** Used to support steel framing member ends and for screw-attachment of the gypsum board. Painted or galvanized steel angles with 1 in. legs or channels with 1 in. legs and 1-9/16 in. deep, attached to walls at perimeter of ceiling with fasteners 16 in. OC.
CGC INC — Type DGL or RX.

USG INTERIORS LLC — Type DGL or RX.

12. **Gypsum Board* —** Two layers of nom 1/2 in. thick by 48 in. wide gypsum board for use with **Steel Framing Members***. Base layer installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Base layer fastened to cross tees with 1-1/4 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. End joints of adjacent gypsum board sheets shall be staggered not less than 4 ft OC. Outer layer attached to the cross tees through inner layer using 1-7/8 in. long Type S bugle-head steel screws spaced 8 in. OC at butted end joints and 12 in. OC in the field.

Butted end joints to be centered along cross tees and be offset a min of 32 in. from end joints of inner layer. Rows of screws on both sides of butted end joints of each layer shall be located 3/8 to 1/2 in. from end joints. Butted side joints of outer layer to be offset a min of 18 in. from butted side joints of inner layer.
CGC INC — Type C, IP-X2.

UNITED STATES GYPSUM CO — Type C, IP-X2.

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Type C, IP-X2.

13. **Grille —** Steel grille, installed in accordance with the installation instructions provided with the ceiling damper.

14. **Discrete Products Installed in Air-handling Spaces* —** Automatic Balancing Valve/Damper — (Not Shown - Optional) — For use with item 8, Ruskin Company's Model CFD7 damper (CABS). Ceiling damper to be provided with plenum box per damper manufacturer's instructions with side outlet only. Entire assembly to be installed into any UL Class 0 or Class 1 flexible air duct in accordance with the instructions provided by the automatic balancing valve/damper manufacturer.
METAL INDUSTRIES INC — Model ABV-4, ABV-5, ABV-6

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-05-02

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire

resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 'OM DESIGN SOLUTIONS - DESIGN CONSULTANTS' WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L524
PART 3

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.11b

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

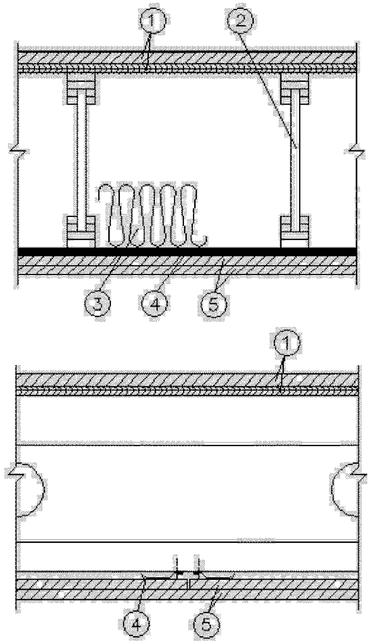
Design No. L570

November 13, 2019

Unrestrained Assembly Rating — 1 Hr.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Flooring System —** The flooring system shall consist of one of the following:

System No. 1

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Floor — Min 1 by 4 in. T & G lumber installed perpendicular to the joists, or min 15/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

System No. 2

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.010 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1800 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

LATICRETE SUPERCAP L L C — Types LRK, HSLRK

USG MEXICO S A DE C V — Types LRK, HSLRK, CSD

Floor Mat Materials* — (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* — (Optional) — Nom 3/8 in. thick floor mat material loosely laid over the subfloor.

GRASSWORX L L C — Type SC50

System No. 3

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ACG MATERIALS — AccuCrete types NexGen, Green, Prime, B, M, and PrePour, AccuRadiant, AccuLevel types G40, G50 and SD30.

Alternate Floor Mat Material* — (Optional) — Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1 in. thick for 19/32 or 15/32 in. thick wood structural panels respecitively.

ACG MATERIALS — AccuQuiet types P80, C40, D13, D-18, D25, DX38, EM.125, EM.125S, EM.250, EM.250S, EM.375, EM.375S, EM.750, and EM.750S.

System No. 4

Structural Cement-Fiber Units* — Nom 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to joists with end joints staggered a min of 2 ft and centered over the joists. Panels secured to joists with 1-5/8 in. long No. 8 self-drilling, self-countersinking steel screws spaced a max of 12 in. OC in the field with a screw located 1 in. and 2 in. from each edge, and 8 in. OC on the perimeter with a screw located 2 in. from each edge, located 1/2 in. from the side edges of the panel.

UNITED STATES GYPSUM CO — Types STRUCTO-CRETE, USGSP

System No. 5

Subflooring — Min 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

Floor Mat Materials* — (Optional) — Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 6

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength and Gyp-Span Radiant

Metal Lath — (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Floor Mat Materials* — (Optional) Floor mat material nom 5/64 in. (2 mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1 in. of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTscu 4002

HACKER INDUSTRIES INC — Type Hacker Sound-Mat.

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/4 in. (6 mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. (32 mm) of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTrbm 3006-3

HACKER INDUSTRIES INC — Type Hacker Sound-Mat II.

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/8 in. (3 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of

3/4 in. (19 mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 125

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/4 in. (6 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25 mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 3/8 in. (10 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32 mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 3/4 in. (19 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38 mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075

System No. 7

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Floor — Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

System No. 8

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
MAXXON CORP — Type D-C, GC, GC2000, L-R, T-F, CT, SS

RAPID FLOOR SYSTEMS — Type RF, RFP, RFU, Ortecrete

Floor Mat Materials* — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.
MAXXON CORP — Type Acousti-Mat 1/8, Acousti-Mat 1/4, Acousti-Mat 1/4 Premium, Acousti-Mat 3/8, Acousti-Mat 3/8 Premium, Acousti-Mat 3/4, Acousti-Mat 3/4 Premium, Acousti-Top.

Floor Mat Reinforcement — (Optional) Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath — (Optional) 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.

Fiber Glass Reinforcement — (Optional) 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs./sq. yd loose laid over the floor mat material.

System No. 9

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
FORMULATED MATERIALS LLC — Types FR-25, FR-30, and SiteMix

Alternate Floor Mat Material* — (Optional) Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping thickness shall be a minimum

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L570
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A11.12

of 3/4 in.
FORMULATED MATERIALS LLC — Types M1, M2, M3, Elite, Duo, R1, and R2

System No. 10

Subflooring — Min 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.

Vapor Barrier — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies.

Floor Mat Materials* — (Optional) — Nom 3/32 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

PLITEQ INC — Type GenieMat RST02

Floor Mat Materials* — (Optional) — Nom 3/16 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

PLITEQ INC — Type GenieMat FF03NP

Floor Mat Materials* — (Optional) — Nom 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

PLITEQ INC — Type GenieMat FF06

Floor Mat Materials* — (Optional) — Nom 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

PLITEQ INC — Type GenieMat FF10

Floor Mat Materials* — (Optional) — Nom 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

PLITEQ INC — Type GenieMat FF17

Floor Mat Materials* — (Optional) — Nom 1 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

PLITEQ INC — Type GenieMat FF25

System No. 11

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
DEPENDABLE LLC — GSL M3.4, GSL K2.6, GSL-CSD or GSL RH

Floor Mat Materials* — (Optional) — Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.
KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.
KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.
KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of

3/4 in.
KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) — Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.
KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 12

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Flooring* — Floor Topping Materials — Min 3/4 in. to 1-1/2 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance with a minimum compressive strength of 1500 psi.

See **Floor- and Roof-Topping Mixtures** (CCOX) category for names of Classified Companies.

Floor Mat Materials* — (Optional) — Floor mat material nom 1/8 in. to 3/4 in. thick. Loose laid over the subfloor. When used, Acousti-flor CSM (crack suppression mat) is loose laid over the floor mat material. Floor topping material thickness is dependent on thickness of floor mat used.
WALFLOR INDUSTRIES INC — Type Acousti-flor, Acousti-flor CSM. Floor topping thickness depends on products used as follows:

Acousti-flor (1/8 in. thick) - Floor topping thickness shall be a minimum of 3/4 in.

Acousti-flor (1/4 in. thick) - Floor topping thickness shall be a minimum of 1 in.

Acousti-flor (3/8 in. thick) - Floor topping thickness shall be a minimum of 1 in.

Acousti-flor (3/4 in. thick) - Floor topping thickness shall be a minimum of 1-1/2 in.

Metal Lath — (Optional) — Expanded steel diamond mesh, 2.5 lb / sq yd loose laid over floor mat material.

Fiberglass Mesh Reinforcement — (Optional) — Coated non-woven glass fiber mesh grid loose laid over floor mat material.

System No. 13

Structural Cement-Fiber Units* — For use with **UNITED STATES GYPSUM CO** gypsum boards only. Nom 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to wood trusses with end joints staggered a min of 2 ft and centered over the trusses. Panels secured to wood trusses with 1-5/8 in. long, No. 8, self- countersinking wood screw spaced a max of 12 in. OC in the field with a screw located 1 in. and 2 in. from each edge, and 8 in. OC on the perimeter with a screw located 2 in. from each edge, located 1/2 in. from the end edges of the panel.
UNITED STATES GYPSUM CO — Types STRUCTO-CRETE, USGSP

System No. 14

Subflooring — Nom 19/32 in. thick wood structural panels installed perpendicular to the joists with end joints staggered. Plywood or panels secured to joists with construction adhesive and No. 6d ringed shank nails, spaced 12 in. OC along each joist. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Flooring - Floor Topping Mixture* — Min 1 in. thickness of floor topping mixture having a min compressive strength of 4500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
SIKA DEUTSCHLAND GMBH — Type SCHONOX AP Rapid Plus

System No. 15

Subflooring — Building Units* — Nom. 1-1/2 in. thick T & G laminated composite plywood sub-floor panels to be perpendicular to the trusses with end joints staggered 4 ft. End joints centered over top chord of trusses. Subfloor panels secured to trusses with construction adhesive and #8 by 3 in. wood screws spaced 12 in. OC in the field and 6 in. OC at the end joints.
RSP INDUSTRIES INC — SAP board

2. **Structural Wood Members* —** Min 9-1/2 in. deep "I" shaped wood joists spaced at a max of 19.2 in. OC. Joists shall conform to ICC-ES ESR-1153 Report. Joist top and bottom chords minimum 1-3/8 in. deep by 2.3 in. wide and constructed of either Microllam laminated veneer lumber (LVL) or TimberStrand laminated strand lumber (LSL). Webs constructed of minimum 3/8 in. thick Performance Plus OSB, PS2, Exposure 1. Installation shall be in accordance with manufacturers published literature. Spacing may be increased to 24 in. OC when **Batts and Blankets*** (Item 3B) is used.

3. **Insulation — Batts and Blankets* —** (Optional) — Glass fiber insulation,

secured to the subflooring with staples, or to the wood joists with 0.090 in. diam galv steel wires, or draped over the resilient channel/gypsum panel (or Steel Framing Members/gypsum panel) ceiling membrane. Any thickness of glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

3A. **Insulation — Loose Fill Material* —** (Optional) — As an alternate to Item 3 — Any thickness of loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, applied within the concealed space, over the resilient or furring channel/gypsum panel or Steel Framing Members/gypsum panel ceiling membrane.

3B. **Insulation - Batts and Blankets* —** (Optional) — Min. 1 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance draped over the resilient channel/gypsum panel (or Steel Framing Members/gypsum panel) ceiling membrane.

4. **Resilient Channels —** Formed from 25 MSG galv steel installed perpendicular to the joists. When no insulation is installed in the concealed space the resilient channels are spaced 24 in. OC. When insulation (Item 3) is installed to the underside of the subfloor the resilient channels are spaced . 16 in. OC When insulation (Items 3, 3A or 3B) is applied over the resilient channel/gypsum panel ceiling membrane, the resilient channels are spaced 12 in. OC.. Two courses of resilient channel positioned 6 in. OC at gypsum panel butt-joints (3 in. from each end of wallboard). Channels oriented opposite at gypsum panel butt-joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type S screws.

4A. **Alternate Steel Framing Members —** (Not Shown) — As an alternate to Item 4, main runners, cross tees, cross channels and wall angle as listed below.

a. **Main Runners —** Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Hanger wires to be located adjacent to main runner/cross tee intersections. Hanger wires wrapped and twist-tied on 16d nails driven in to side of joists at least 5 in. above the bottom face.

b. **Cross Tees —** Nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or cross channels used at 8 in. from each side of butted gypsum panel end joints. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

c. **Cross Channels —** Nom 4 or 12 ft long, installed perpendicular to main runners, spaced 16 in. OC. When Batts and Blankets (Item 5) are used, cross channels spaced 16 in. OC.

d. **Wall Angle or Channel —** Painted or galv steel angle with 1

in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum panels.
CGC INC — Type DGL or RX

USG INTERIORS LLC — Type DGL or RX

4B. **Alternate Steel Framing Members* —** (Not Shown) — As an alternate to Items 4 and 4A, furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC, perpendicular to joists. When insulation, Items 3, 3A, or 3B is used, the furring channel spacing shall be reduced as described in Item 4. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). When wood joists are spaced 19.2 in. OC, clips spaced a max of 38.4 in. OC. When wood joists are spaced 16 or 24 in. OC, clips spaced a max of 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to alternating joists with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to alternating joists with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the wallboard butt joints, as described in Item 5.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75)

4C. **Alternate Steel Framing Members* —** (Not Shown) — As an alternate to Items 4, 4A, 4B furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC, perpendicular to joists. When insulation, Items 3, 3A, or 3B is used, the furring channel spacing shall be reduced as described in Item 4. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). When wood joists are spaced 19.2 in. OC, clips spaced a max of 38.4 in. OC. When wood joists are spaced 16 or 24 in. OC, clips spaced a max of 48 in. OC. Genie Clips secured to alternating joists with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. Additional clips required to hold furring channel that supports the wallboard butt joints, as described in Item 5.
PLITEQ INC — Type Genie Clip

4D. **Alternate Steel Framing Members* —** (Not Shown) — As an alternate to items 4-4B, furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-5/8 in. wide by 7/8 in deep, spaced 24 in OC, perpendicular to joists. When insulation, Items 3, 3A, or 3B is used, the furring channel spacing shall be reduced as described in Item 4. Channels secured to joists as described in Item b.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). When wood joists are spaced 19.2 in. OC, clips spaced a max of 38.4 in. OC. When wood joists are spaced 16 or 24 in. OC, clips spaced at 48" OC and secured to the bottom of the joists with one 2 in. Coarse Drywall Screw with 1 in. diam washer through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire.Additional clips are required to hold the Gypsum Butt joints as described in Item 5.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

4E. **Alternate Steel Framing Members* —** As an alternate to items 4-4D, furring channels and Steel Framing Members as described below.

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-1/2 in. wide by 7/8 in. deep, spaced 24 in OC, perpendicular to joists.

When insulation, Items 3, 3A, or 3B is used, the furring channel spacing shall be reduced as described in Item 4. Channels secured to joists as described in Item b.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to the wood joists (Item 2). When wood joists are spaced 19.2 in. OC, clips spaced a max of 38.4 in. OC. When wood joists are spaced 16 or 24 in. OC, clips spaced at 48" OC and secured to the bottom of the joists with one 2-1/2 in. Coarse Drywall Screw with 1 in. diam washer through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire. Additional clips are required to hold the Gypsum Butt joints as described in Item 5.
REGUPOL AMERICA — Type SonusClip

4F. **Steel Framing Members* —** (Optional, Not Shown) — As an alternate to Item 4.

a. **Furring Channels —** Formed of No. 25 MSG galv steel, nominal 2-1/2 in. wide by 7/8 in. deep, spaced as indicated in Item 4, perpendicular to the joists. Channels secured to Cold Rolled Channels at every intersection with a 3/4 in. TEK screw through each furring channel leg. Ends of adjoining channels overlapped 12 in. and fastened together with two double strand No. 18 SWG galv steel wire ties, one at each end of overlap, or with two 3/4 in. TEK screws in each leg of the overlap section. Two furring channels positioned 3 in. OC, 1-1/2 in. on each side of gypsum board (Item 5) end joints, each extending a min of 6 in. beyond both side edges of the board.

b. **Cold Rolled Channels —** 1-1/2 in. by 1/2 in., formed from No. 16 ga. galv steel, positioned vertically and parallel to joists, friction-fitted into the channel caddy on the Steel Framing Members (Item 4Fc) and secured with two 3/4 in. TEK screws. Adjoining lengths of cold rolled channels lapped min. 12 in. and secured along bottom legs with four 3/4 in. TEK screws and wire-tied together with two double strand 18 SWG galv steel wire ties, one at each end of overlap.

c. **Steel Framing Members* —** Spaced 48 in. OC. max along joist, and secured to the joist on alternating joists with two, #10 x 1-1/2 in. screws through mounting holes on the hanger bracket.
PAC INTERNATIONAL L L C — Type RSIC-SI-CRC EZ Clip

4G. **Steel Framing Members* —** (Optional, Not Shown) — As an alternate to Item 4.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
Info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L570
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
A11.12a

a. **Furring Channels —** Formed of No. 25 MSG galv steel, nominal 2-1/2 in. wide by 7/8 in. deep, spaced as indicated in Item 4, perpendicular to joists and friction fit into Steel Framing Members (Item 4Gb). Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap or with two TEK screws along each leg of the 6 in. overlap. Two furring channels positioned 6 in. OC, 3 in. on each side of gypsum board (Item 5) end joints. Butt joint channels held in place by strong back channels placed upside down, on top of, and running perpendicular to primary furring channels, extending 6 in. longer than length of gypsum side joint. Strong back channels spaced maximum 48 in. OC. Strong back channels secured to every intersection of primary furring channels with four 7/16 in. pan head screws, two along each of the legs at intersections. Butt joint channels run perpendicular to strong back channels and shall be minimum 6 in. longer than length of joint, secured to strong back channels with 7/16 in. pan head screws, two along each of the legs at intersection with strong back channels.

b. **Steel Framing Members* —** Used to attach furring channels (Item 4Ga) to joists. Clips spaced 48 in. OC and secured along joist webs at each furring channel intersection with min. 3/4 in. long self-drilling #10 x 1-1/2 in. screws through each of the provided hole locations. Furring channels are friction fitted into clips.
PAC INTERNATIONAL L L C — Type RSIC-S1-1 Ultra

4H. **Steel Framing Members* —** (Optional, Not Shown) — As an alternate to Item 4 - Nom 12 ft (3.66 m) long main runners installed perpendicular to wood trusses and spaced 48 in. (1.22 m) OC. Main runners suspended from trusses with No. 12 SWG galv steel hanger wires reliably secured to the bottom chords of the trusses with screw-attached steel clips and spaced max 48 in. (1.22 m) OC. Nom 4 ft (1.22 m) long cross tees with 1-1/2 in. (38 mm) wide face installed perpendicular to main runners and spaced max 16 in. (406 mm) OC. Cross tees located 4 in. (102 mm) from each side of butted gypsum board end joints. Ends of steel framing members at walls to be supported by galv or painted steel angles or channels with min 1 in. (25 mm) horizontal leg.
ARMSTRONG WORLD INDUSTRIES INC — Type DFR-8000

4I. **Alternate Steel Framing Members* —** (Optional, Not Shown) — As an alternate to Item 4 - For use in corridors or rooms having a maximum width dimension of 14 ft (4.25 m). Steel framing members consist of grid runners, locking angle wall molding and hanger bars. Locking angle wall molding secured to walls with steel nails or screws spaced max 16 in. (610 mm) OC. Slots of locking angle wall molding parallel with hanger bars to be aligned with tabbed cutouts in bottom edge of hanger bars. Hanger bars spaced max 50 in. (1.22 m)

OC and suspended with No. 12 AWG steel hanger wires spaced max 48 in. (1.22 m) OC. Adjoining lengths of hanger bar to overlap 12 in. (305 mm) and to be secured together and suspended by a shared hanger wire. A min clearance of 1/4 in. (6 mm) shall be maintained between the ends of the hanger bars and the walls. Grid runners cut-to-length and installed perpendicular to hanger bars and spaced max 16 in. (406 mm) OC with additional grid runners installed 8 in. (203 mm) OC at gypsum board end joints. Grid runners parallel with walls to be spaced max 16 in. (406 mm) from wall. Ends of grid runners to rest on and engage slots of locking angle wall molding with a clearance of 3/8 in. (10 mm) to 1/2 in. (13 mm) maintained between each end of the grid runner and the wall. Bulb of grid runner to be captured by tabbed cutouts in bottom edge of hanger bars.
ARMSTRONG WORLD INDUSTRIES INC — Type DFR-8000-SS

4J. **Alternate Steel Framing Members* —** (Not Shown) — As an alternate to Item 4H - Main runners nom 12 ft (3.66 m) long, spaced 72 in. (1.83 m) OC. Cross tees, nom 6 ft (1.83 m) long, installed perpendicular to main runners and spaced 16 in. (406 mm) OC. Additional 6 ft long cross tees required at each gypsum board end joint with butted gypsum board end joints centered between cross tees spaced 8 in. (203 mm) OC. The main runners and cross tees may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.
ARMSTRONG WORLD INDUSTRIES INC — Type DFR-8000

5. **Gypsum Board* —** Two layers of 1/2 in. or 5/8 in. thick by 4 ft wide gypsum panels, installed perpendicular to resilient channels (Item 4). The base layer of panels screw-attached to the resilient channels with 1 in. long Type S screws spaced 8 in. OC at the butt joints and 16 in. OC in the field of the panel. The face layer screw-attached to the resilient channels with 1-5/8 in. Type S screws spaced 8 in. OC and 1-1/2 in. Type G screws spaced 8 in. OC at the butt joints located mid-span between resilient channels. When **Steel Framing Members** (Item 4A) are used, gypsum board installed with long dimension perpendicular to cross tees. The base layer of panels fastened to cross tees with 1 in. long Type S screws spaced 8 in. OC at the butt joints and 16 in. OC in the field of the panel. The face layer screw-attached to the cross tees with 1-5/8 in. Type S screws spaced 8 in. OC and 1-1/2 in. Type G screws spaced 8 in. OC at the butt joints located mid-span between cross tees. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from panel edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 4 ft OC. When **Steel Framing Members** (Item 4B) are used, panels installed with long dimension parallel with joists. Base layer attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the panels. Butted end joints shall be staggered min. 2 ft. within the assembly, and occur midway between the continuous furring channels. Each end of the gypsum panels shall be supported by a single length of furring channel equal to the width of the panel plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to

underside of the joist with one RSIC-1 clip at each end of the channel. Butted base layer end joints to be offset a minimum of 24 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle-head steel screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints to be offset min 12 in. from base layer end joints. Butted side joints of outer layer to be offset min 12 in. from butted side joints of base layer. When **Steel Framing Members** (Item 4C) are used, panels installed with long dimension parallel with joists. Base layer attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the panels. Butted end joints shall be staggered min. 2 ft. within the assembly, and occur midway between the continuous furring channels. Each end of the gypsum panels shall be supported by a single length of furring channel equal to the width of the panel plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to underside of the joist with one Genie clip at each end of the channel. Butted base layer end joints to be offset a minimum of 24 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle-head steel screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints to be offset min 12 in. from base layer end joints. Butted side joints of outer layer to be offset min 12 in. from butted side joints of base layer. When **Steel Framing Members** (Item 4D) are used, base layer gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. and centered over main furring channels. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end. The two support furring channels shall be spaced approximately 3 in. in from joint. Screw spacing along the gypsum board butt joint and along both additional channels shall be 8 in. OC. Butt joint furring channels shall be attached with one RESILMOUNT Sound Isolation Clip at each end of the channel. Face layer secured as described above.
When **Steel Framing Members** (Item 4E) are used, base layer gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. and centered over main furring channels. At the gypsum board butt joints, an additional single length of furring channel shall be installed and be spaced approximately 3 in. from the butt joint (6 in. from the continuous furring channels) to support the floating end of the gypsum board. Each of these shorter sections of furring channel shall extend one joist beyond the width of the gypsum panel and be attached to the adjacent joists with one SonusClip at every joist involved with the butt joint.

When **Steel Framing Members** (Item 4F) are used, Two layers of 1/2 in. or 5/8 in. thick, 4 ft wide gypsum board, installed as described in Item 5. Adjacent butt joints staggered minimum 48 in. OC.

When **Steel Framing Members** (Item 4G) are used, Two layers of 1/2 in. or 5/8 in. thick, 4 ft wide gypsum board, installed as described in Item 5. Butt joints

staggered minimum 24 in. OC.

When **Steel Framing Members*** (Item 4H) are used, base layer gypsum board installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Gypsum board secured to cross tees with 1 in. long Type S bugle head screws spaced 12 in. OC in the field and 8 in. OC along end joints. Gypsum board also secured to main runners with 1 in. long Type S bugle head screws midway between cross tees. Screws along sides and ends of boards spaced 3/4 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC. The face layer screw-attached to the cross tees with 1-5/8 in. Type S screws spaced 8 in. OC and 1-1/2 in. Type G screws spaced 8 in. OC at the butt joints. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from panel edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 4 ft OC.

When alternate **Steel Framing Members*** (Item 4I) are used, base layer gypsum board sheets installed with long dimension (side joints) perpendicular to the grid runners with the end joints staggered min 4 ft and centered between grid runners which are spaced 8 in. OC. Prior to installation of the gypsum board sheets, backer strips consisting of nom 7-3/4 in. wide by 48 in. long pieces of gypsum board are to be laid atop the grid runner flanges and centered over each butted end joint location. The backer strips are to be secured to the flanges of the grid runners at opposite corners of the backer strip to prevent the backer strips from being uplifted during screw-attachment of the gypsum board sheets. Gypsum board fastened to grid runners with drywall screws spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board. The butted end joints are to be secured to the backer strip with No. 10 by 1-1/2 in. long Type G laminating screws located 1 in. from each side of the butted end joint and spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board. The face layer screw-attached to the grid runners with 1-5/8 in. Type S screws spaced 8 in. OC and 1-1/2 in. Type G screws spaced 8 in. OC at butt joints. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from panel edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 4 ft OC.

When alternate **Steel Framing Members*** (Item 4J) are used, base layer gypsum board sheets installed with long dimension (side joints) perpendicular to the 6 ft long cross tees with the end joints staggered min 4 ft and centered between cross tees which are spaced 8 in. OC. Gypsum board side joints may occur beneath or between main runners. Prior to installation of the gypsum board sheets, backer strips consisting of nom 7-3/4 in. wide pieces of gypsum board are to be laid atop the cross tee flanges and centered over each butted end joint location. The backer strips are to be secured to the flanges of the cross tees at opposite corners of the backer strip to prevent the backer strips from being uplifted during screw-attachment of the gypsum board sheets. Gypsum board fastened to cross tees with drywall screws spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board. The butted end joints are to be secured to the backer strip with No. 10 by 1-1/2 in. long Type G laminating screws located 1 in. from each side of the butted end joint and spaced 1 in. and 4 in. from the side joints

and max 8 in. OC in the field of the board. The face layer screw-attached to the cross tees with 1-5/8 in. Type S screws spaced 8 in. OC and 1-1/2 in. Type G screws spaced 8 in. OC at the butt joints. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from panel edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 4 ft OC.

CGC INC — 1/2 in. Type C, IP-X2, IPC-AR; 5/8 in. Type C, IP-X2. When there is no insulation in the cavity, or when insulation (Item 3) is secured to the underside of the subfloor 5/8 in. Type SCX or IP-X1 may be used

UNITED STATES GYPSUM CO — 1/2 in. Type C, IP-X2, IPC-AR; 5/8 in. Type C, IP-X2, ULIX. When there is no insulation in the cavity, or when insulation (Item 3) is secured to the underside of the subfloor 5/8 in. Type SCX, or IP-X1 may be used

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Type C. When there is no insulation in the cavity, or when insulation (Item 3) is secured to the underside of the subfloor 5/8 in. Type SCX may be used

6. **Finishing System —** Fiber tape embedded in compound over joints and exposed nail heads, covered with compound with edges of compound feathered out. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of classified veneer baseboard. Joints reinforced.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2019-06-24

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.

- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1370 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF 'OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. L570
PART 3

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.12b

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. N625

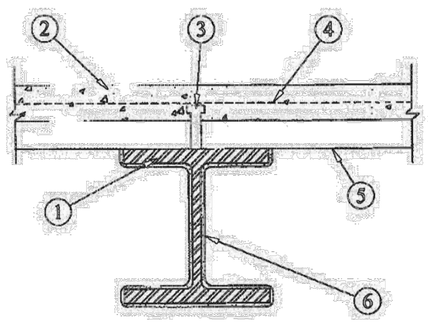
October 20, 2017

Restrained Beam Ratings — 1, 1-1/2, 2 and 3 Hr (See Item 6)

Unrestrained Beam Ratings — 1, 1-1/2 and 2 Hr (See Item 6)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Steel Beam —** Wide flange steel beams with the minimum sizes shown in the tables below. Beams shall be free of dirt, loose scale and oil. Beam shall be primed with 0.003 in. dry film thickness of modified alkyd, epoxy, organic zinc or inorganic zinc based primer.

2. **Normal Weight or lightweight Concrete —** Compressive strength 3000 psi. For normal weight concrete either carbonate or siliceous aggregate may be used. Unit weight 148 lbs/cu ft for normal weight concrete and 110 lbs/cu ft for lightweight concrete.

3. **Shear Connector —** (Optional)—Studs, 3/4 in. diam headed type or equivalent per AISC specifications welded to the top flange of beam through the steel floor units.

4. **Welded Wire Fabric —** 6x6-10/10 SWG.

5. **Steel Floor and Form Units —** 1-1/2, 2 or 3 in. deep fluted, cellular or corrugated units welded to beam.

6. **Mastic and Intumescent Coating* —** Coating spray, brush or trowel applied directly from containers to desired thickness. See table below for appropriate final dry thickness. Flutes above beam to be completely filled with mineral wool insulation having a minimum density of 6 lbs/ft 3 or the top flange of the beam shall be protected with the same thickness of coating as required on the beam. The following thickness apply for unrestrained beams supporting corrugated,

fluted or cellular floor units topped with lightweight or normal weight concrete:

UNRESTRAINED BEAM RATINGS

STEEL SIZE	W/D	1 HR	1-1/2 HR	2 HR
W5x19	0.78	0.074	0.104	0.249
W6x16	0.67	0.074	0.117	NR
W6x20	0.68	0.074	0.117	NR
W6x25	0.84	0.074	0.097	0.233
W8x21	0.67	0.074	0.118	NR
W8x24	0.70	0.074	0.113	NR
W8x28	0.81	0.074	0.099	0.239
W8x31	0.80	0.074	0.101	0.242
W8x35	0.90	0.074	0.091	0.219
W8x40	1.02	0.074	0.081	0.195
W8x48	1.20	0.072	0.072	0.167
W8x58	1.43	0.058	0.058	0.142
W8x67	1.63	0.054	0.054	0.125
W10x26	0.70	0.074	0.113	NR
W10x30	0.81	0.074	0.100	0.240
W10x33	0.79	0.074	0.102	0.245
W10x39	0.92	0.074	0.089	0.214
W10x45	1.05	0.074	0.078	0.189
W10x49	1.01	0.074	0.081	0.196
W10x54	1.11	0.074	0.075	0.180
W10x60	1.23	0.071	0.071	0.164
W10x68	1.38	0.062	0.062	0.147
W10x77	1.55	0.054	0.054	0.132
W10x88	1.75	0.043	0.048	0.104
W10x100	1.96	0.043	0.043	0.104
W10x112	2.17	0.043	0.043	0.095
W12x30	0.69	0.074	0.114	NR

W12x35	0.80	0.074	0.100	0.241
W12x40	0.86	0.074	0.094	0.226
W12x45	0.97	0.074	0.085	0.204
W12x50	1.07	0.074	0.077	0.186
W12x53	1.01	0.074	0.081	0.196
W12x58	1.10	0.074	0.075	0.181
W12x65	1.11	0.074	0.074	0.180
W12x72	1.23	0.068	0.068	0.164
W12x79	1.34	0.062	0.062	0.151
W12x87	1.46	0.057	0.057	0.139
W12x96	1.61	0.052	0.052	0.127
W12x106	1.76	0.043	0.048	0.104
W12x120	1.98	0.043	0.043	0.104
W12x136	2.21	0.043	0.043	0.093
W12x152	2.45	0.043	0.043	0.084
W12x170	2.71	0.043	0.043	0.076
W12x190	2.99	0.043	0.043	0.069
W12x210	3.26	0.043	0.043	0.063
W12x230	3.53	0.043	0.043	0.058
W12x252	3.82	0.043	0.043	0.054
W12x279	4.16	0.043	0.043	0.049
W12x305	4.48	0.043	0.043	0.046
W12x336	4.85	0.043	0.043	0.043
W14x34	0.72	0.074	0.110	NR
W14x38	0.81	0.074	0.100	0.241
W14x43	0.87	0.074	0.094	0.226
W14x48	0.96	0.074	0.085	0.205
W14x53	1.05	0.074	0.078	0.189
W14x61	1.09	0.074	0.076	0.183
W14x68	1.21	0.069	0.069	0.166

W14x74	1.31	0.064	0.064	0.155
W14x82	1.44	0.058	0.058	0.141
W14x90	1.29	0.064	0.064	0.156
W14x99	1.42	0.059	0.059	0.143
W14x109	1.55	0.054	0.054	0.131
W14x120	1.69	0.049	0.049	0.121
W14x132	1.85	0.043	0.043	0.104
W14x145	1.97	0.043	0.043	0.104
W14x159	2.14	0.043	0.043	0.096
W14x176	2.36	0.043	0.043	0.087
W14x193	2.57	0.043	0.043	0.080
W14x211	2.78	0.043	0.043	0.074
W14x233	3.04	0.043	0.043	0.068
W14x257	3.32	0.043	0.043	0.062
W14x283	3.62	0.043	0.043	0.057
W14x311	3.93	0.043	0.043	0.052
W14x342	4.27	0.043	0.043	0.048
W14x370	4.57	0.043	0.043	0.045
W14x398	4.87	0.043	0.043	0.043
W14x426	5.15	0.043	0.043	0.043
W14x455	5.45	0.043	0.043	0.043
W14x500	5.89	0.043	0.043	0.043
W14x550	6.37	0.043	0.043	0.043
W14x605	6.89	0.043	0.043	0.043
W14x665	7.43	0.043	0.043	0.043
W14x730	7.99	0.043	0.043	0.043
W16x36	0.70	0.074	0.113	NR
W16x40	0.77	0.074	0.104	0.250
W16x45	0.87	0.074	0.094	0.226
W16x50	0.96	0.074	0.086	0.206

W16x57	1.08	0.074	0.076	0.184
W16x67	1.08	0.074	0.076	0.184
W16x77	1.24	0.067	0.069	0.163
W16x89	1.42	0.059	0.062	0.143
W16x100	1.58	0.053	0.053	0.129
W18x35	0.67	0.074	0.118	NR
W18x40	0.76	0.074	0.105	0.253
W18x46	0.87	0.074	0.093	0.225
W18x50	0.88	0.074	0.093	0.223
W18x55	0.96	0.074	0.085	0.206
W18x60	1.04	0.074	0.079	0.191
W18x65	1.12	0.074	0.074	0.178
W18x71	1.22	0.068	0.068	0.165
W18x76	1.12	0.074	0.074	0.179
W18x86	1.26	0.066	0.068	0.160
W18x97	1.41	0.059	0.059	0.144
W18x106	1.53	0.055	0.055	0.133
W18x119	1.71	0.049	0.049	0.120
W21x44	0.74	0.074	0.108	NR
W21x50	0.84	0.074	0.097	0.232
W21x57	0.95	0.074	0.086	0.208
W21x62	0.95	0.074	0.086	0.207
W21x68	1.04	0.074	0.079	0.191
W21x73	1.11	0.074	0.074	0.180
W21x83	1.26	0.066	0.066	0.160
W21x93	1.40	0.060	0.060	0.145
W21x101	1.30	0.064	0.064	0.155
W21x111	1.42	0.059	0.059	0.143
W21x122	1.55	0.054	0.054	0.131
W21x132	1.67	0.050	0.050	0.122

W21x147	1.85	0.043	0.045	0.104
W24x55	0.83	0.074	0.098	0.235
W24x62	0.93	0.074	0.088	0.212
W24x68	0.94	0.074	0.087	0.211
W24x76	1.04	0.074	0.079	0.191
W24x84	1.14	0.072	0.072	0.175
W24x94	1.27	0.065	0.065	0.159
W24x104	1.23	0.067	0.067	0.163
W24x117	1.38	0.061	0.061	0.147
W24x131	1.53	0.054	0.054	0.133
W24x146	1.70	0.049	0.049	0.121
W24x162	1.87	0.043	0.045	0.104
W27x84	1.03	0.074	0.080	0.192
W27x94	1.15	0.072	0.072	0.174
W27x102	1.24	0.067	0.067	0.162
W27x114	1.38	0.060	0.060	0.147
W27x146	1.55	0.054	0.054	0.132
W27x161	1.70	0.049	0.049	0.121
W27x178	1.87	0.043	0.045	0.104
W30x99	1.12	0.074	0.074	0.179
W30x108	1.21	0.068	0.068	0.166
W30x116	1.30	0.064	0.064	0.155
W30x124	1.38	0.060	0.060	0.147
W30x132	1.47	0.057	0.057	0.138
W30x173	1.67	0.050	0.050	0.122
W30x191	1.84	0.043	0.046	0.104
W30x211	2.02	0.043	0.043	0.102
W33x118	1.21	0.069	0.069	0.167
W33x130	1.32	0.063	0.063	0.153
W33x141	1.43	0.058	0.058	0.142

W33x152	1.53	0.055	0.055	0.133
W33x201	1.80	0.043	0.047	0.114
W33x221	1.96	0.043	0.043	0.104
W33x241	2.13	0.043	0.043	0.097
W36x135	1.29	0.064	0.064	0.156
W36x150	1.43	0.058	0.058	0.142
W36x160	1.52	0.055	0.055	0.134
W36x170	1.61	0.052	0.052	0.127
W36x182	1.71	0.049	0.049	0.119
W36x194	1.82	0.043	0.046	0.104
W36x210	1.96	0.043	0.043	0.104
W36x230	1.95	0.043	0.043	0.104
W36x245	2.07	0.043	0.043	0.100
W36x260	2.19	0.043	0.043	0.094
W36x280	2.35	0.043	0.043	0.088
W36x300	2.50	0.043	0.043	0.082

RESTRAINED BEAM RATINGS

STEEL SIZE	W/D	1 HR	1-1/2 HR	2 HR	3 HR
W5x19	0.78	0.074	0.074	0.094	NR
W6x16	0.67	0.074	0.074	0.102	NR
W6x20	0.68	0.074	0.074	0.102	NR
W6x25	0.84	0.074	0.074	0.090	NR
W8x21	0.67	0.074	0.074	0.103	NR
W8x24	0.70	0.074	0.074	0.100	NR
W8x28	0.81	0.074	0.074	0.091	NR
W8x31	0.80	0.074	0.074	0.092	NR
W8x35	0.90	0.074	0.074	0.086	NR
W8x40	1.02	0.074	0.074	0.079	NR
W8x48	1.20	0.072	0.072	0.072	NR

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. N625
PART 1

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.13

W8x58	1.43	0.061	0.061	0.062	NR
W8x67	1.63	0.054	0.054	0.056	NR
W10x26	0.70	0.074	0.074	0.100	NR
W10x30	0.81	0.074	0.074	0.092	NR
W10x33	0.79	0.074	0.074	0.093	NR
W10x39	0.92	0.074	0.074	0.084	NR
W10x45	1.05	0.074	0.074	0.077	NR
W10x49	1.01	0.074	0.074	0.079	NR
W10x54	1.11	0.074	0.074	0.074	NR
W10x60	1.23	0.071	0.071	0.071	NR
W10x68	1.38	0.064	0.064	0.064	NR
W10x77	1.55	0.057	0.057	0.058	NR
W10x88	1.75	0.043	0.043	0.043	0.193
W10x100	1.96	0.043	0.043	0.043	0.193
W10x112	2.17	0.043	0.043	0.043	0.193
W12x30	0.69	0.074	0.074	0.104	NR
W12x35	0.80	0.074	0.074	0.092	NR
W12x40	0.86	0.074	0.074	0.088	NR
W12x45	0.97	0.074	0.074	0.082	NR
W12x50	1.07	0.074	0.074	0.076	NR
W12x53	1.01	0.074	0.074	0.079	NR
W12x58	1.10	0.074	0.074	0.075	NR
W12x65	1.11	0.074	0.074	0.074	NR
W12x72	1.23	0.068	0.068	0.069	NR
W12x79	1.34	0.062	0.062	0.065	NR
W12x87	1.46	0.057	0.057	0.061	NR
W12x96	1.61	0.052	0.052	0.056	NR
W12x106	1.76	0.043	0.043	0.043	0.139
W12x120	1.98	0.043	0.043	0.043	0.139
W12x136	2.21	0.043	0.043	0.043	0.139

W12x152	2.45	0.043	0.043	0.043	0.139
W12x170	2.71	0.043	0.043	0.043	0.139
W12x190	2.99	0.043	0.043	0.043	0.139
W12x210	3.26	0.043	0.043	0.043	0.139
W12x230	3.53	0.043	0.043	0.043	0.139
W12x252	3.82	0.043	0.043	0.043	0.139
W12x279	4.16	0.043	0.043	0.043	0.139
W12x305	4.48	0.043	0.043	0.043	0.139
W12x336	4.85	0.043	0.043	0.043	0.139
W14x34	0.72	0.074	0.074	0.098	NR
W14x38	0.81	0.074	0.074	0.092	NR
W14x43	0.87	0.074	0.074	0.088	NR
W14x48	0.96	0.074	0.074	0.082	NR
W14x53	1.05	0.074	0.074	0.077	NR
W14x61	1.09	0.074	0.074	0.075	NR
W14x68	1.21	0.069	0.069	0.070	NR
W14x74	1.31	0.064	0.064	0.066	NR
W14x82	1.44	0.058	0.058	0.061	NR
W14x90	1.29	0.064	0.064	0.067	NR
W14x99	1.42	0.059	0.059	0.062	NR
W14x109	1.55	0.054	0.054	0.058	NR
W14x120	1.69	0.049	0.049	0.054	NR
W14x132	1.85	0.043	0.045	0.043	0.139
W14x145	1.97	0.043	0.043	0.043	0.139
W14x159	2.14	0.043	0.043	0.043	0.139
W14x176	2.36	0.043	0.043	0.043	0.139
W14x193	2.57	0.043	0.043	0.043	0.139
W14x211	2.78	0.043	0.043	0.043	0.139
W14x233	3.04	0.043	0.043	0.043	0.139
W14x257	3.32	0.043	0.043	0.043	0.139

W14x283	3.62	0.043	0.043	0.043	0.139
W14x311	3.93	0.043	0.043	0.043	0.139
W14x342	4.27	0.043	0.043	0.043	0.139
W14x370	4.57	0.043	0.043	0.043	0.139
W14x398	4.87	0.043	0.043	0.043	0.139
W14x426	5.15	0.043	0.043	0.043	0.139
W14x455	5.45	0.043	0.043	0.043	0.139
W14x500	5.89	0.043	0.043	0.043	0.139
W14x550	6.37	0.043	0.043	0.043	0.139
W14x605	6.89	0.043	0.043	0.043	0.139
W14x665	7.43	0.043	0.043	0.043	0.139
W14x730	7.99	0.043	0.043	0.043	0.139
W16x36	0.70	0.074	0.074	0.100	NR
W16x40	0.77	0.074	0.074	0.094	NR
W16x45	0.87	0.074	0.074	0.088	NR
W16x50	0.96	0.074	0.074	0.082	NR
W16x57	1.08	0.074	0.074	0.076	NR
W16x67	1.08	0.074	0.074	0.076	NR
W16x77	1.24	0.067	0.067	0.067	NR
W16x89	1.42	0.059	0.059	0.059	NR
W16x100	1.58	0.053	0.053	0.057	NR
W18x35	0.67	0.074	0.074	0.103	NR
W18x40	0.76	0.074	0.074	0.095	NR
W18x46	0.87	0.074	0.074	0.088	NR
W18x50	0.88	0.074	0.074	0.087	NR
W18x55	0.96	0.074	0.074	0.082	NR
W18x60	1.04	0.074	0.074	0.078	NR
W18x65	1.12	0.074	0.074	0.074	NR
W18x71	1.22	0.068	0.068	0.070	NR
W18x76	1.12	0.074	0.074	0.074	NR

W18x86	1.26	0.066	0.066	0.066	NR
W18x97	1.41	0.059	0.059	0.062	NR
W18x106	1.53	0.055	0.055	0.059	NR
W18x119	1.71	0.049	0.049	0.054	NR
W21x44	0.74	0.074	0.074	0.097	NR
W21x50	0.84	0.074	0.074	0.090	NR
W21x57	0.95	0.074	0.074	0.083	NR
W21x62	0.95	0.074	0.074	0.083	NR
W21x68	1.04	0.074	0.074	0.078	NR
W21x73	1.11	0.074	0.074	0.074	NR
W21x83	1.26	0.066	0.066	0.068	NR
W21x93	1.40	0.060	0.060	0.063	NR
W21x101	1.30	0.064	0.064	0.066	NR
W21x111	1.42	0.059	0.059	0.062	NR
W21x122	1.55	0.054	0.054	0.058	NR
W21x132	1.67	0.050	0.050	0.055	NR
W21x147	1.85	0.043	0.043	0.050	0.139
W24x55	0.83	0.074	0.074	0.090	NR
W24x62	0.93	0.074	0.074	0.084	NR
W24x68	0.94	0.074	0.074	0.084	NR
W24x76	1.04	0.074	0.074	0.078	NR
W24x84	1.14	0.072	0.072	0.073	NR
W24x94	1.27	0.065	0.065	0.067	NR
W24x104	1.23	0.067	0.067	0.069	NR
W24x117	1.38	0.061	0.061	0.064	NR
W24x131	1.53	0.054	0.054	0.059	NR
W24x146	1.70	0.049	0.049	0.054	NR
W24x162	1.87	0.043	0.043	0.050	0.139
W27x84	1.03	0.074	0.074	0.078	NR
W27x94	1.15	0.072	0.072	0.073	NR

W27x102	1.24	0.067	0.067	0.069	NR
W27x114	1.38	0.060	0.060	0.063	NR
W27x146	1.55	0.054	0.054	0.058	NR
W27x161	1.70	0.049	0.049	0.054	NR
W27x178	1.87	0.043	0.043	0.050	0.139
W30x99	1.12	0.074	0.074	0.074	NR
W30x108	1.21	0.068	0.068	0.070	NR
W30x116	1.30	0.064	0.064	0.066	NR
W30x124	1.38	0.060	0.060	0.063	NR
W30x132	1.47	0.057	0.057	0.061	NR
W30x173	1.67	0.050	0.050	0.055	NR
W30x191	1.84	0.043	0.043	0.051	0.139
W30x211	2.02	0.043	0.043	0.047	0.139
W33x118	1.21	0.069	0.069	0.070	NR
W33x130	1.32	0.063	0.063	0.066	NR
W33x141	1.43	0.058	0.058	0.062	NR
W33x152	1.53	0.055	0.055	0.059	NR
W33x201	1.80	0.043	0.043	0.052	0.139
W33x221	1.96	0.043	0.043	0.048	0.139
W33x241	2.13	0.043	0.043	0.045	0.139
W36x135	1.29	0.064	0.064	0.067	NR
W36x150	1.43	0.058	0.058	0.062	NR
W36x160	1.52	0.055	0.055	0.059	NR
W36x170	1.61	0.052	0.052	0.056	NR
W36x182	1.71	0.049	0.049	0.054	NR
W36x194	1.82	0.043	0.043	0.043	0.139
W36x210	1.96	0.043	0.043	0.043	0.139
W36x230	1.95	0.043	0.043	0.043	0.139
W36x245	2.07	0.043	0.043	0.043	0.139
W36x260	2.19	0.043	0.043	0.043	0.139

W36x280	2.35	0.043	0.043	0.043	0.139
W36x300	2.50	0.043	0.043	0.043	0.139

NR - Not Rated

CARBOLINE CO — Type Firefilm SE. Investigated for Interior General Purpose and Exterior Use.(See Item 7)

7. **Top Coat —** For Interior General Purpose Type TS 615 top-coat applied over the base coat at 0.003 in. thickness. For Exterior Use Type Carboguard 1340 or Type Rustbond Penetrating Sealer FC intermediate coat applied over the base coat at 0.002 in. thickness and Type Carbothane 133HB or Type Carbothane 133VOC top-coat or Carbothane 133MC top-coat applied over the intermediate coat at 0.003 in. thickness.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2017-10-20

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs,

Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
UL DESIGN NO. N625
PART 2

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

A11.13a

GA FILE NO. RC 2601	GENERIC	1 HOUR FIRE

GYPSUM WALLBOARD, WOOD JOISTS, ROOF COVERING

Base layer ⅝" type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1¼" Type W or S drywall screws 24" o.c. **Face** layer ⅝" type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1⅞" Type W or S drywall screws 12" o.c. at joints and intermediate joists and 1⅛" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting ½" plywood with exterior glue applied at right angles to joists with 8d nails. Appropriate roof covering. **Ceiling provides one hour fire resistance protection for framing, including trusses.**



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98

ROOF-CEILING SYSTEMS

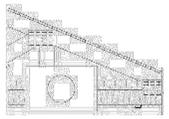
GA FILE NO. RC 2604	PROPRIETARY*	1 HOUR FIRE

WOOD ROOF TRUSSES, RESILIENT CHANNELS, GLASS FIBER INSULATION, CEILING DAMPER, GYPSUM WALLBOARD

One layer ⅝" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient furring channels 16" o.c. (12" o.c. when insulation is draped over channels) with 1" Type S drywall screws 12" o.c. Gypsum board end joints attached with screws 8" o.c. to additional pieces of channel 60" long located 3" back on either side of end joint. Resilient channels applied at right angles to bottom chord of pitched wood trusses 24" o.c. with 1¼" Type S or W screws. Glass fiber insulation secured to wood structural panels or draped over channels. Trusses supporting ¹⁵⁄₃₂" wood structural panels applied at right angles to trusses with construction adhesive and 6d ring shank nails 12" o.c. Optional ceiling damper (refer to manufacturer for information on the type of damper).

PROPRIETARY GYPSUM BOARD

United States Gypsum Company - ⅝" SHEETROCK® Brand FIRECODE® C Core Gypsum Panels



Approx. Ceiling Weight: 3 psf
Fire Test: UL R15858, 02NK24136, 3-20-03,
UL Design P544;
UL R15858, 02NK41925, 9-30-02,
UL Design P531;
UL R1319, 98NK41378, 11-20-98,
UL Design P522

GA FILE NO. RC 2750	GENERIC	2 HOUR FIRE

GYPSUM WALLBOARD, RIGID FURRING CHANNELS WOOD JOISTS or WOOD I-JOISTS, ROOF COVERING

Base layer ⅝" type X gypsum wallboard applied at right angles to either 2 x 8 wood joists or 9¼" deep wood I-joists 24" o.c. with 1¼" Type W drywall screws 12" o.c. **Second** layer ⅝" type X gypsum wallboard applied at right angles to joists or I-joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. **Third** layer ⅝" type X gypsum wallboard applied at right angles to joists or I-joists with 2½" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists or I-joists over third layer with two 2½" long Type W drywall screws at each joist or I-joist. **Face** layer ⅝" type X gypsum wallboard applied at right angles to furring channels with 1¼" Type S drywall screws 12" o.c. Wood joists or I-joists supporting ¾" T & G edge plywood applied at right angles to joists or I-joists with 8d nails 6" o.c. at joints and 12" at intermediate joists or I-joists. Appropriate roof covering. **Ceiling provides two-hour fire-resistance protection for wood framing.**



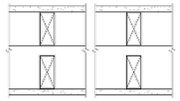
Approx. Ceiling Weight: 12 psf
Fire Test: UL R4024, 00NK26545, 4-27-01;
UL R4042, 03NK11206, 3-19-03;
UL Design L556;
ULC Design M514

GA FILE NO. WP 3370	GENERIC	1 HOUR FIRE	45 to 49 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

One layer ⅝" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of double row of 2 x 4 wood studs 16" o.c. on separate plates 1" apart with 6d coated nails, 1⅞" long, 0.0915" shank, ¼" heads, 7" o.c.

Joints staggered 16" on opposite sides. Horizontal bracing required at mid-height. **(LOAD-BEARING)**



Thickness: 9½"
Approx. Weight: 8 psf
Fire Test: See WP 3605 (UL R1319-4, 6, 6-17-52; UL RZ717-39, 1-20-66; UL R3501-52, 3-15-66, UL Design U305; ULC Design W301); UL R4024, 10-31-68
Sound Test: NRCC TL-93-261, IRC-IR-761, 3/98

EXTERIOR WALLS

GA FILE NO. WP 8105	GENERIC	1 HOUR FIRE

GYPSUM WALLBOARD, GYPSUM SHEATHING, WOOD STUDS

EXTERIOR SIDE: One layer 48" wide 5/8" type X gypsum sheathing applied parallel to 2 x 4 wood studs 24" o.c. with 1 3/4" galvanized roofing nails 4" o.c. at vertical joints and 7" o.c. at intermediate studs and top and bottom plates . Joints of gypsum sheathing may be left utreated. Extrerior cladding to be attached through sheathing to studs.

INTERIOR SIDE: One layer 5/8" type X gypsum wallboard, water-resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 6d coated nails 1 7/8" long, 0.0915" shank, 1/4" heads 7" o.c. **(LOAD-BEARING)**



Thickness: Varies
Approx. Weight: 7 psf
Fire Test: See WP 3510 (UL R3501-47, -48, 9-17-65, UL Design U309; UL R1319-129, 7-22-70, UL Design U314)

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	60% SUBMITTAL
12-16-2020	HILTON	100% SUBMITTAL

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
GA FILE NO. RC 2601, RC 2604, RC 2750, WP 3370 AND WP 8105

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
A11.20

SECTION 015616 - TEMPORARY DUST CONTROLS

1.1 QUALITY CONTROL
- A. DUST CONTROL MEASURES SHALL BE TAKEN 7 DAYS PER WEEK REGARDLESS OF THE CONTRACTOR'S WORK SCHEDULE.
- B. REQUIRED DUST CONTROLS MUST BE MAINTAINED OVER PROJECT DURATION.
- C. WHEN DUST IS PROBLEMATIC AND THE OWNER OR DESIGNER ORDERS A DUST CONTROL APPLICATION, SUCH WORK SHALL BE PERFORMED BY THE CONTRACTOR THAT SAME DAY, AT NO ADDITIONAL COST TO THE OWNER. IF CONTACTOR FAILS TO CORRECT THE DUST PROBLEM WHEN SO ORDERD, THE OWNER MAY INITIATE CLEANUP BY ITS OWN FORCES, AND ALL COSTS FOR SAID CLEANUP WILL BE BORNE BY THE CONTRACTOR.
- D. PROTECT ALL EXISTING FACILITIES, AND PRIVATE PROPERTY INCLUDING NEARBY AUTOMOBILES FROM DUST, SPRAY OR SPILLS RESULTING FROM CONTRACTOR'S OPERATIONS.

END OF SECTION 015616

SECTION 017329 - CUTTING AND PATCHING

1.1 STRUCTURAL ELEMENTS: DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT COULD CHANGE THEIR LOAD - CARRYING CAPACITY OR LOAD - DEFLECTION RATIO.

1.2 OTHER ELEMENTS: DO NOT CUT AND PATCH BUILDING ELEMENTS AND RELATED COMPONENTS IN A MANNER THAT RESULTS IN REDUCING THEIR CAPACITY TO PERFORM AS INTENDED OR THAT RESULTS IN INCREASED MAINTENANCE OR DECREASED OPERATIONAL LIFE OR SAFETY.

1.3 USE MATERIALS IDENTICAL TO IN-PLACE MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH IN-PLACE ADJACENT SURFACES TO THE FULLEST EXTENT POSSIBLE.
- A. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED, USE MATERIALS THAT, WHEN INSTALLED, WILL MATCH THE VISUAL AND FUNCTIONAL PERFORMANCE OF IN-PLACE MATERIALS.
- B. COMPATIBILITY: BEFORE PATCHING, VERIFY COMPATIBILITY WITH AND SUITABILITY OF SUBSTRATES, INCLUDING COMPATIBILITY WITH IN-PLACE FINISHES OR PRIMERS.

END OF SECTION 017329

SECTION 033510 - CONCRETE HARDENERS AND SEALERS

1.1 SUBMITTALS
- A. PRODUCT DATA: PROVIDE MANUFACTURER'S PRODUCT DATA ON CHARACTERISTICS PERFORMANCE CRITERIA, LIMITATIONS. AND INSTALLATION INSTRUCTIONS.
- B. PRODUCT LIST: FOR EACH PRODUCT INDICATED. CROSS-REFERENCE PRODUCTS TO COATING SYSTEM AND LOCATIONS OF APPLICATION AREAS. USE SAME DESIGNATIONS INDICATED ON DRAWINGS AND IN SCHEDULES.

1.2 QUALITY ASSURANCE
- A. MOCKUPS: APPLY BENCHMARK SAMPLES OF EACH COATING SYSTEM INDICATED TO DEMONSTRATE AESTHETIC EFFECTS AND SET QUALITY STANDARDS.

2.1 PRODUCTS
- A. MATERIAL COMPATIBILITY : PROVIDE MATERIALS FOR USE WITHIN EACH COATING SYSTEM THAT ARE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE.
- B. MATERIAL DESCRIPTION: WATER - BASED, CHEMICALLY REACTIVE SOLUTION OF INORGANIC SILICEOUS MATERIALS TO INCREASE SURFACE DENSITY AND DURABILITY, REDUCE SURFACE ABSORBTION OF LIQUIDS, ALLOW MOISTURE VAPOR TRANSMISSION, RESIST BLACK TIRE MARKS, OIL AND GREASE, BE VOC COMPLIANT, NEUTRALIZE SURFACE ALKALI ELIMINATING EFFLORESCENCE, AND DRY QUICKLY FOR MINIMAL DOWNTIME.

2.2 CONCRETE SEALER/HARDENER/DENSIFIER
- A. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE THE FOLLOWING:
  1. "LIQUI-HARD ULTRA" BY W.R. MEADOWS, WWW.WRMEADOWS.COM
  2. "CHEMISIL PLUS" BY CHEMMASTERS, WWW.CHEMMASERS.NET
  3. "CHEMTEC ONE" BY CHEMTEC INTERANTIONAL, WWW.CONCRETESEALER.NET.
  4. OR AN APPROVED EQUAL

2.3 VERIFY COMPATIBILITY WITH AND SUITABILITY OF SUBSTRATES, INCLUDING COMPATIBILITY WITH EXISTING FINISHES OR PRIMERS.

3.1 PREPARATION
- A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
- B. REMOVE PLATES, MACHINED SURFACES, AND SIMILAR ITEMS ALREADY IN PLACE THAT ARE NOT TO BE COATED. IF REMOVAL IS IMPRACTICAL OR IMPOSSIBLE BECAUSE OF SIZE OR WEIGHT OF ITEM, PROVIDE SURFACE-APPLIED PROTECTION BEFORE SURFACE PREPARATION AND COATING.
  1. AFTER COMPLETING COATING OPERATIONS, REINSTALL ITEMS THAT WERE REMOVED; USE WORKERS SKILLED IN THE TRADES INVOLVED.
- C. MASK AND PROTECT ANY GLASS, ALUMINUM, OR OTHER POLISHED SURFACES IN THE APPLICATION AREA. SHOULD THE CONCRETE SEALER COME INTO CONTACT WITH THESE MATERIALS, RINSE IMMEDIATELY WITH WARM WATER TO PREVENT PITTING OR DISCOLORATION.
- D. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR BOND OF COATINGS INCLUDING DIRT, OIL GREASE, AND INCOMPATIBLE PAINS AND ENCAPSULATES.
  1. REMOVE INCOMPATIBLE PRIMERS AS REQUIRED TO PRODUCE COATING SYSTEMS INDICATED.
- E. CONCRETE SUBSTRATES: REMOVE RELEASE AGENTS, CURING COMPOUND, EFFLORESCENCE, AND CHALK. DO NOT COAT SURFACES IF MOISTURE CONTENT OR ALKALINITY OF SURFACES TO BE COATED EXCEEDS THAT PERMITTED IN MANUFACTURER'S WRITTEN INSTRUCTIONS.
- F. FILL AND REPAIR ALL HOLES, CRACKS, AND DETERIORATED AREAS IN CONCRETE.

END OF SECTION 033510

SECTION 040513 - MASONRY MORTAR

1.1 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED/
- B. SAMPLES: PIGMENTED AND COLORED-AGGREGATE MORTAR/
- C. MIX DESIGNS: FOR EACH TYPE OF MORTAR AND GROUT. INCLUDE DESCRIPTION OF TYPE AND PROPORTIONS OF INGREDIENTS.

1.2 QUALITY ASSURANCE
- A. COLD-AND HOT- WEATHER REQUIREMENTS: COMPLY WITH WEATHER CONSTRUCTION REQUIREMENTS CONTAINED IN ACI530.1/TMS 602.

1.3 MORTAR AND GROUT MATERIALS
- A. PORTLAND CEMENT-LIME MIX; PACKAGED BLEND OF PORTLAND CEMENT COPLYING WITH ASTM C 150. TYPE I OR TYPE III. AND HYDRATED LIME COMPLYING WITH ASTM C 207, TYPE S.
- B. MASONRY CEMENT: ASTM C 91.
- C. MORTAR CEMENT: ASTM C 1329.
- D. AGGREGATE FOR MORTAR: ASTM C 144.
  1. FOR MORTAR THAT IS EXPOSED TO VIEW, USE WASHED AGGREGATE CONSISTING OF NATURAL SAND OR CRUSHED STONE.
- E. AGGREGATE FOR GROUT; ASTM C 404.
- F. COLD-WEATHER ADMIXTURE: NONCHLORIDE, NONCORROSIVE, ACCELERATING ADMIXTURE COMPLYING WITH ASTM C 494/C 494M, TYPE C, AND RECOMMENDED BY MANUFACTURER FOR USE IN MASONRY MORTAR OF COMPOSITION INDICATED.
- I. WATER: POTABLE.

1.4 APPLICATIONS
- A. FOUNDATIONS: USE TYPE S
- B. OTHER MASONRY: USE TYPE N.

1.5 MORTAR MIX
- A. TYPE S MORTAR: MIX TO THE PROPERTY SPECIFICATIONS OF ASTM C 270:
  1. COMPRESSIVE STRENGTH: 1800 PSI 912.4 MPa), MINIMUM, AT 28 DAYS FOR LABORATORY MIXED MORTAR WITH A FLOW OF 110 PLUS/MINUS 5 PERCENT.
  4. WATER RETENTION: 75 PERCENT, MIMIMUM.
  5. AIR CONTENT: 12 PERCENT, MAXIMUM.
  6. AGGREGATE RATIO: NO LESS THAN 2.25 AND NO MORE THAN 3.5 TIMES THE SUM OF THE SEPARATE VOLUMES OF CEMENTITIOUS MATERIALS
- B. TYPE N MORTAR: MIX TO THE PROPERTY SPECIFICATIONS OF ASTM C 270
  1. COMPRESSIVE STRENGTH: 750 PSI (5.2 MPa), MINIMUM, AT 28 DAYS FOR LABORATORY MIXED MORTAR WITH A FLOW OF 110 PLUS/MINUS 5 PERCENT.
  2. WATER RETENTION: 75 PERCENT, MINIMUM.
  3. AIR CONTENT: 14 PERCENT, MAXIMUM; EXCEPT WHEN STRUCTURAL REINFORCEMENT IS INCORPORATED INTO MORTAR, NOT MORE THAN 12 PERCENT UNLESS BOND STRENGTH TEST DATA IS SUBMITTED TO JUSTIFY HIGHER AIR CONTENT.
  4. AGGREGATE RATIO: NO LESS THAN 2.25 AND NO MORE THAN 3.5 TIMES THE SUM OF THE SEPARATE VOLUMES OF CEMENTITIOUS MATERIALS.

1.6 REPAIRING, POINTING, AND CLEANING
- A. POINTING: POINT UP JOINTS, INCLUDING CORNERS, OPENINGS, AND ADJACENT CONSTRUCTION, TO PROVIDE A NEAT, UNIFORM APPEARANCE. PREPARE JOITS FOR SEALANT APPLICATION.
- B. CLEANING:
  1. REMOVE LARGE MORTAR PARTICLES BY HAND WITH WOODEN PADDLES AND NONMETALLIC SCRAPE HOES OR CHISELS.
  2. PROTECT ADJACENT STONE AND NONMASONRY SURFACES FROM CONTACT WITH CLEANER.

END OF SECTION 040413

SECTION 042000 - UNIT MASONRY

1.1 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. SHOP DRAWINGS:
  1. MASONRY UNITS: SHOW SIZES, PROFILES, COURSING, AND LOCATIONS OF SPECIAL SHAPES.
  2. REINFORCING STEEL: DETAIL BENDING AND PLACEMENT OF UNIT MASONRY REINFORCING BARS.
  3. FABRICATED FLASHING: DETAIL CORNER UNITS, END-DAM UNITS AND OTHER SPECIAL APPLICATIONS.

1.2 PROJECT CONDITIONS
- A. PROTECTION OF MASONRY: COVER PARTIALLY COMPETED MASONRY WHEN CONSTRUCTION IS NOT IN PROGRESS
- B. STAIN PREVENTION: PREVENT GROUT, MORTAR, AND SOIL FROM STAINING THE FACE OF MASONRY TO BE LEFT EXPOSED OR PAINTED.
- C. COLD-WEATHER REQUIREMENTS: DO NOT USE FROZEN MATERIALS OR MATERIALS MIXED OR COATED WITH ICE OR FROST. DO NOT BUILD ON FROZEN SUBSTRATES.
- D. HOT-WEATHER REQUIREMENTS: COMPLY WITH HOT-WEATHER CONSTRUCTION REQUIREMENTS CONTAINED IN ACI 530.1/ASCE 6/TMS 602.

1.3 CONCRETE MASONRY UNITS (CMU)
- A. SHAPES: PROVIDE SPECIAL SHAPES FOR LINTELS, CORNERS, JAMBS, SASHES, MOVEMENTS JOINTS, HEADERS, BONDING, AND OTHER SPECIAL CONDITIONS WHERE INDICATED ON DRAWINGS.
- B. CONCRETE MASONRY UNITS: ASTM C 90
  1. UNIT COMPRESSIVE STRENGTH: PROVIDE UNITS WITH MINIMUM AVERAGE NET-AREA COMPRESSIVE STRENGTH OF 1900 psi.
  2. WEIGHT CLASSIFICATION: NORMAL WEIGHT, UNLESS OTHERWISE INDICATED.
  3. SIZE:
     - a. NOMINAL FACE DIMENSIONS OF 16"x8"x8"
     - b. OTHER SIZES AS INDICATED ON DRAWING
     - c. EXPOSED FACES: SPLIT-FACE FINISH OF COLOR AND TEXTURE AS SELECTED BY ARCHITECT.
     - d. INTEGRAL WATER REPELLENT: PROVIDE UNITS MADE WITH INTEGRAL WATER REPELLENT FOR ALL EXPOSED UNITS.

1.4 REINFORCEMENT
- A. MASONRY JOINT REINFORCEMENT, GENERAL: ASTM A 951, SEE STRUCTURAL SHEETS FOR ADDITIONAL INFORMATION.
  1. HOT-DIP GALVANIZED, CARBON STEEL PER DIVISION 3.

1.5 MISCELLANEOUS MASONRY ACCESSORIES
- A. PREFORMED CONTROL-JOINT GASKETS: MADE FROM STYRENE-BUTADIENE-RUBBER COMPOUND, COMPLYING WITH ASTM D 200, DESIGNATION M2AA-805 OR PVC, COMPLYING WITH ASTM D 2287, TYPE PVC-65406 AND DESIGNED TO FIT STANDARD SASH BLOCK AND TO MAINTAIN LATERAL STABILITY IN MASONRY WALL; SIZE AND CONFIGURATION AS INDICATED.
- B. BOND-BREAKER STRIPS: ASPHALT-SATURATED, ORGANIC ROOFING FELT COMPLYING WITH ASTM D 226, TYPE I (No. 15 ASPHALT FELT).

1.6 MASONRY JOINT REINFORCEMENT
- A. GENERAL: INSTALL ENTIRE LENGTH OF LONGITUDINAL SIDE RODS IN MORTAR WITH A MINIMUM COVER OF ⅝ INCH ON EXTERIOR SIDE OF WALLS, ½ INCH ELSEWHERE. LAP REINFORCEMENT A MINIMUM OF 6 INCHES.
  1. SPACE REINFORCEMENT NOT MORE THAN 16 INCHES O.C.
  2. SPACE REINFORCEMENT NOT MORE THAN 8 INCHES O.C. IN FOUNDATION WALLS AND PARAPET WALLS.
  3. PROVIDE REINFORCEMENT NOT MORE THAN 8 INCHES ABOVE AND BELOW WALL OPENINGS AND EXTENDING 12 INCHES BEYOND OPENINGS.
- B. INTERRUPT JOINT REINFORCEMENT AT CONTROL AND EXPANSION JOINTS
- C. PROVIDE CONTINUITY AT WALL INTERSECTIONS BY USING PREFABRICATED T-SHAPED UNITS.
- D. PROVIDE CONTINUITY AT CORNERS BY USING PREFABRICATED L-SHAPED UNITS.
- E. CUT AND BEND REINFORCING UNITS AS DIRECTED BY MANUFACTURER FOR CONTINUITY AT CORNERS, RETURNS, OFFSETS, COLUMN FIREPROOFING, PIPE ENCLOSURES, AND OTHER SPECIAL CONDITIONS.

1.7 CONTROL AND EXPANSION JOINTS
- A. PROVIDE PRESSURE-RELIEVING JOINTS BY EITHER LEAVING AN AIR SPACE OR INSERTING A COMPRESSIBLE FILLER OF WIDTH REQUIRED FOR INSTALLING SEALANT AND BACKER ROD, BUT NOT LESS THAN ⅜ INCH.
- B. LOCATE HORIZONTAL JOINTS BENEATH SHELF ANGLES SUPPORTING MASONRY
- C. COORDINATE ALL CONTROL JOINT LOCATIONS PRIOR TO MASONRY INSTALLATION. MASONRY CONTROL JOINTS SHOULD BE PLACED WHERE STRESS CONCENTRATIONS (AND, THEREFORE, CRACKS) ARE EXPECTED, SUCH AS:
  1. AT CHANGES IN WALL HEIGHT OR THICKNESS (INCLUDING AT PILASTERS);
  2. AT MOVEMENT JOINTS IN ADJACENT FOUNDATIONS, FLOORS, AND ROOFS;
  3. NEAR DOOR AND WINDOW OPENINGS (AT ONE SIDE OF AN OPENING LESS THAN SIX FEET WIDE, AND AT BOTH SIDES OF OPENINGS WIDE THAN SIX FEET)
  4. NEAR CORNERS AND INTERSECTING WALLS.

1.8 LINTELS
- A. PROVIDE LINTELS WHERE SHOWN AND WHERE OPENINGS OF MORE THAN 12 INCHES FOR BRICK-SIZE UNITS AND 24 INCHES FOR BLOCK-SIZE UNITS ARE SHOWN.
- B. PROVIDE MINIMUM BEARING OF 8 INCHES AT EACH JAMB, UNLESS OTHERWISE INDICATED.

1.9 REPAIRING AND CLEANING
- A. REMOVE AND REPLACE MASONRY UNITS THAT ARE LOOSE, CHIPPED, BROKEN, STAINED, OR OTHERWISE DAMAGED OR THAT DO NOT MATCH ADJOINING UNITS. INSTALL NEW UNITS TO MATCH ADJOINING UNITS; INSTALL IN FRESH MORTAR, POINTED TO ELIMINATE EVIDENCE OF REPLACEMENT.

1.10 MASONRY WASTE DISPOSAL
- A. UNLESS OTHERWISE INDICATED, EXCESS MASONRY MATERIALS ARE CONTRACTOR'S PROPERTY. AT COMPLETION OF UNIT MASONRY WORK, REMOVE FROM PROJECT SITE.

END OF SECTION 042000

SECTION 055000 - METAL FABRICATIONS

1.1 SUMMARY
- A. THIS SECTION INCLUDES THE FOLLOWING:
  1. STEEL FRAMING AND SUPPORTS FOR COUNTERTOPS.
  2. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT.
  3. STEEL FRAMING AND SUPPORTS FOR APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
  4. SHELF ANGLES
  5. INDUSTRIAL-TYPE STAIRS WITH STEEL TREADS.
  6. STEEL TUBE RAILINGS
  7. MISCELLANEOUS STEEL TRIM

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR THE FOLLOWING:
  1. NONSLIP AGGREGATES AND NONSLIP-AGGREGATE SUFRACE FINISHES.
  2. METAL-PAN STAIR TREADS
  3. METAL PLATE
  4. COMPONENTS
  5. PAINT PRODUCTS
  6. GROUT
- B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR METAL FABRICATIONS.
  1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS OF METAL FABRICATIONS AND THEIR CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS.
  2. PROVIDE TEMPLATES FOR ANCHORS AND BOLTS SPECIFIED FOR INSTALLATION UNDER OTHER SECTIONS.
  3. FOR INSTALLED PRODUCTS INDICATED TO COMPLY WITH DESIGN LOADS, INCLUDE STRUCTURAL ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.
- C. WELDING CERTIFICATES.
- D. QUALIFICATION DATA: FOR PROFESSIONAL ENGINEER.

1.3 PERFORMANCE REQUIREMENTS
- A. STRUCTURAL PERFORMANCE OF STAIRS: METAL STAIRS SHALL WITHSTAND THE FOLLOWING LOADS AND STRESSES:
  1. UNIFORM LOAD: 100 lbf/sq. ft
  2. CONCENTRATED LOAD: 300 lbf APPLIED ON AN AREA OF 4 sq. in.
- B. STRUCTURAL PERFORMANCE OF RAILINGS:
  1. UNIFORM LOAD OF 50 lb/ft. APPLIED IN ANY DIRECTION.
  2. CONCENTRATED LOAD OF 200 lbf APPLIED IN ANY DIRECTION.

1.4 QUALITY ASSURANCE
- A. WELDING: QUALIFY PROCEDURES AND PERSONNEL ACCORDING TO THE FOLLOWING:
  1. AWS D1.1, "STRUCTURAL WELDING CODE-STEEL."
  2. AWS D1.2, "STRUCTURAL WELDING CODE-ALUMINUM."
  3. AWS D1.3, "STRUCTURAL WELDING CODE-SHEET STEEL."
  4. AWS D1.6, "STRUCTURAL WELDING CODE-STAINLESS STEEL."
- B. IN ADDITION T COMPLYING WITH ALL PERTINENT CODES AND REGULATIONS, COMPLY WITH
  1. "SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDING' OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION
  2. "CODE FOR WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY
  3. "MANUAL OF STEEL CONSTRUCTION", 9TH EDITION, FOR TYPES OF STEEL REQUIRED.

1.5 PROJECT CONDITIONS
- A. FIELD MEASUREMENTS: VERIFY ACTUAL LOCATIONS OF WALLS AND OTHER CONSTRUCTION CONTIGUOUS WITH METAL FABRICATIONS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
  1. PROVIDE FOR TRIMMING AND FITTING AT SITE.
- B. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS SCHEDULE TO AVOID DELAYING THE WORK.

2.1 FASTENERS
- A. GENERAL: UNLESS OTHERWISE INDICATED, PROVIDE TYPE 304 STAINLESS-STEEL FASTENERS FOR EXTERIOR USE AND ZINC-PLATED FASTENERS WITH COATING COMPLYING WITH ASTM B 633, CLASS Fe/Zn 5, AT EXTERIOR WALLS. PROVIDE STAINLESS-STEEL FASTENERS FOR FASTENING ALUMINUM. SELECT FASTENERS FOR TYPE, GRADE, AND CLASS REQUIRED.
- B. STEEL BOLTS AND NUTS: REGULAR HEXAGON-HEAD BOLTS, ASTM A307, GRADE A (ASTM F568M, PROPERTY CLASS 4.6); WITH HEX NUTS, ASTM A 563 (ASTM A 563M); AND, WHERE INDICATED, FLAT WASHERS.
- C. STAINLESS-STEEL BOLTS AND NUTS: REGULAR HEXAGON-HEAD ANNEALED STAINLESS-STEEL BOLTS, NUTS AND, WHERE INDICATED, FLAT WASHERS; ASTM F593 (ASTM F 738M) FOR BOLTS AND ASTM F 594 (ASTM F 836M) FOR NUTS, ALLOY GROUP 1 (A1).
- D. ANCHOR BOLTS: ASTM F 1554, GRADE 36.
  1. PROVIDE HOT-DIP OR MECHANICALLY DEPOSITED, ZINC-COATED ANCHOR BOLTS WHERE ITEM BEING FASTENED IS INDICATED TO BE GALVANIZED

2.2 MISCELLANEOUS MATERIALS
- A. WELDING RODS AND BARE ELECTRODES: SELECT ACCORDING TO AWS SPECIFICATIONS FOR METAL ALLOY WELDED.
- B. UNIVERSAL SHOP PRIMER: FAST-CURING, LEAD-AND CHROMATE-FREE, UNIVERSAL MODIFIED-ALKYD PRIMER COMPLYING WITH MPI#79.
- C. ZINC-RICH PRIMER: COMPLYING WITH SSPC-PAINT 20 OR SSPC-PAINT 29 AND COMPATIBLE WITH TOPCOAT.
- D. GALVANIZING REPAIR PAINT: HIGH-ZINC-DUST-CONTENT PAINT FOR REGALVANIZING WELDS IN STEEL, COMPLING WITH SSPC-PAINT 20.
- E. NONSHRINK, NONMETALLIC GROUT: FACTORY-PACKAGED, NONSTAINING, NONCORROSIVE, NONGASEOUS GROUT COMPLYING WITH ASTM C1107, PROVIDE GROUT SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR INTERIOR AND EXTERIOR APPLICATIONS.

2.3 MISCELLANEOUS FRAMING AND SUPPORTS
- A. GENERAL: PROVIDE STEEL FRAMING AND SUPPORTS NOT SPECIFIED IN OTHER SECTIONS AS NEEDED TO COMPLETE THE WORK.
- B. FABRICATE UNITS FROM STEEL SHAPES, PLATES, AND BARS, OF WELDED CONSTRUCTION, UNLESS OTHERWISE INDICATED. FABRICATE TO SIZES, SHAPES, AND PROFILES INDICATED AND AS NECESSARY TO RECEIVE ADJACENT CONSTRUCTION RETAINED BY FRAMING AND SUPPORTS. CUT, DRILL, AND TAP UNITS TO RECEIVE HARDWARE, HANGERS, AND SIMILAR ITEMS.
- C. CORROSION PROTECTION: COAT CONCEALED SURFACES OF ALUMINUM THAT WILL COME INTO CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DISSIMILAR METALS WITH A HEAVY COAT OF BITUMINOUS PAINT

2.4 LOOSE STEEL LINTELS
- A. FABRICATE LOOSE STEEL LINTELS FROM STEEL ANGLES AND SHAPES OF SIZE INDICATED FOR OPENINGS AND RECESSES IN MASONRY WALLS AND PARTITIONS AT LOCATIONS INDICATED. WELD ADJOINING MEMBERS TOGETHER TO FORM A SINGLE UNIT WHERE INDICATED.
- B. SIZE LOOSE LINTELS TO PROVIDE BEARING LENGTH AT EACH SIDE OF OPENINGS EQUAL TO $\frac{1}{24}$ OF CLEAR SPAN BUT NOT LESS THAN 8 INCHES, UNLESS OTHERWISE INDICATED.
- C. GALVANIZE LOOSE STEEL LINTELS LOCATED IN EXTERIOR WALLS.
- D. PRIME LOOSE STEEL LINTELS LOCATED IN EXTERIOR WALLS WITH ZINC-RICH PRIMER/

END OF SECTION 055000

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

1.1 SUMMARY
- A. THIS SECTION INCLUDES THE FOLLOWING:
  1. FRAMING WITH DIMENSION LUMBER, WOOD BLOCKING, CANTS, AND NAILERS, WOOD FURRING, WOOD SLEEPERS, WOOD SHELVING AND CLOTHES RODS, PLYWOOD BACKING PANELS.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PROCESS AND FACTORY-FABRICATED PRODUCT. INDICATE COMPONENT MATERIALS AND DIMENSIONS AND INCLUDE CONSTRUCTION AND APPLICATION DETAILS.
  1. WOOD-PRESERVATIVE TREATMENT.
  2. FIRE-RETARDANT.
  3. INCLUDE COPIES OF WARRANTIES FOR CHEMICAL TREATMENT MANUFACTURERS FOR EACH TYPE OF TREATMENT.

1.3 WOOD PRODUCTS, GENERAL
- A. LUMBER: PROVIDE LUMBER GRADED BY AN AGENCY CERTIFIED BY THE ALSC BOARD OF REVIEW TO INSPECT AND GRADE LUMBER UNDER THE RULES INDICATED
- B. PROVIDE DRESSED LUMBER, S4S, UNLESS OTHERWISE INDICATED.

1.4 WOOD-PRESERVATIVE-TREATED MATERIALS
- A. PRESERVATIVE TREATMENT BY PRESSURE PROCESS: AWPA C2.
- B. KILN-DRY LUMBER AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19 PERCENT. DO NOT USE MATERIAL THAT IS WARPED OR DOES NOT COMPLY WITH REQUIREMENTS FOR UNTREATED MATERIAL.
- C. APPLICATION: TREAT ITEMS INDICATED ON DRAWINGS, AND THE FOLLOWING:
  1. WOOD CANTS, NAILERS, CURBS, EQUIPMENT SUPPORT BASES, BLOCKING, STRIPPING, AND SIMILAR MEMBERS IN CONNECTION WITH ROOFING, FLASHING, VAPOR BARRIERS, AND WATERPROOFING.
  2. WOOD SILLS, SLEEPERS, BLOCKING, FURRING, STRIPPING, AND SIMILAR CONCEALED MEMBERS IN CONTACT WITH MASONRY OR CONCRETE.
  3. WOOD FRAMING AND FURRING ATTACHED DIRECTLY TO THE INTERIOR OF BELOW-GRADE EXTERIOR MASONRY OR CONCRETE WALLS.
  4. WOOD FRAMING MEMBERS THAT ARE LESS THAN 18 INCHES ABOVE THE GROUND IN CRAWL SPACES OR UNEXCAVATED AREAS.
  5. WOOD FLOOR PLATES THAT ARE INSTALLED OVER CONCRETE SLABS-ON-GRADE.

1.5 FIRE-RETARDANT-TREATED MATERIALS
- A. GENERAL: COMPLY WITH PERFORMANCE REQUIREMENTS IN AWPA C20 (LUMBER) AND AWPA C27 (PLYWOOD).
  1. USE TREATMENT THAT DOES NOT PROMOTE CORROSION OF METAL FASTENERS.
  2. USE EXTERIOR TYPE FOR EXTERIOR LOCATIONS.
- B. IDENTIFY FIRE-RETARDANT-TREATED WOOD WITH APPROPRIATE CLASSIFICATION MARKING OF TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- C. APPLICATION: TREAT ITEMS INDICATED ON DRAWINGS, AND THE FOLLOWING:
  1. FRAMING FOR RAISED PLATFORMS.
  2. CONCEALED BLOCKING.
  3. PLYWOOD BACKING PANELS.

1.6 DIMENSION LUMBER FRAMING
- A. MAXIMUM MOISTURE CONTENT: 15 PERCENT FOR 2-INCH NOMINAL THICKNESS OR LESS, 19 PERCENT FOR THAN 2-INCH NOMINAL THICKNESS.
- B. NON-LOAD-BEARING INTERIOR PARTITIONS: STANDARD, STUD, OR No. 3 GRADE.
- C. OTHER FRAMING: CONSTRUCTION OR No. 2 GRADE.

1.7 MISCELLANEOUS LUMBER
- A. GENERAL: PROVIDE MISCELLANEOUS LUMBER INDICATED AND LUMBER FOR SUPPORT OR ATTACHMENT OF OTHER CONSTRUCTION.
- B. FOR BLOCKING NOT USED FOR ATTACHMENT OF OTHER CONSTRUCTION UTILITY, STUD, OR No. 3 GRADE LUMBER OF ANDY SPECIES MAY BE USED PROVIDED THAT IT IS CUT AND SELECTED TO ELIMINATE DEFECTS THAT WILL INTERFERE WITH ITS ATTACHMENT AND PURPOSE.

1.8 PLYWOOD BACKING PANELS
- A. TELEPHONE AND ELECTRICAL EQUIPMENT BACKING PANELS: DOC PS 1, EXPOSURE 1, C-D PLUGGED, FIRE-RETARDANT TREATED WHERE INDICATED, IN THICKNESS INDICATED OR, IF NOT INDICATED, NOT LESS THAN ½ - INCH NOMINAL THICKNESS.

1.9 FASTENERS
- A. WHERE CARPENTRY IS EXPOSED TO WEATHER, IN GROUND CONTACT, PRESSURE-PRESERVATIVE TREATED, OR IN AREA OF HIGH RELATIVE HUMIDITY, PROVIDE FASTENERS WITH HOT-DIP ZINC COATING COMPLYING WITH ASTM A 153/A 153M, OR OF TYPE 304 STAINLESS STEEL.
- B. NAILS, BRADS, AND STAPLES: ASTM F 1667.
- C. POWER-DRIVEN FASTENERS: NES NER-272.
- D. WOOD SCREWS: ASME B18.6.1.
- E. SCREWS FOR FASTENING TO COLD-FORMED METAL FRAMING: ASTM C 954, EXCEPT WITH WAFER HEADS AND REAMER WINGS, LENGTH AS RECOMMENDED BY SCREW MANUFACTURER FOR MATERIAL BEING FASTENED.
- F. LAG BOLTS: ASME B18.2.1.
- G. BOLTS: STEEL BOLTS COMPLYING WITH ASTM A 307, GRADE A WITH ASTM A 563 HEX NUTS AND WHERE INDICATED, FLAT WASHERS.
- H. EXPANSION ANCHORS: ANCHOR BOLT AND SLEEVE ASSEMBLY OF MATERIAL INDICATED BELOW WITH CAPABILITY TO SUSTAIN, WITHOUT FAILURE, A LOAD EQUAL TO 6 TIMES THE LOAD IMPOSED WHEN INSTALLED IN UNIT MASONRY ASSEMBLIES AND EQUAL TO 4 TIMES THE LOAD IMPOSED WHEN INSTALLED IN CONCRETE AS DETERMINED BY TESTING PER ASTM E 488 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY.
  1. MATERIAL: CARBON-STEEL COMPONENTS, ZINC PLATED TO COMPLY WITH ASTM B 633, CLASS Fe/Zn 5.

1.10 MISCELLANEOUS MATERIALS
- A. ADHESIVES FOR GLUING FURRING AND SLEEPERS TO CONCRETE OR MASONRY: FORMULATION COMPLYING WITH ASTM D 3498 THAT IS APPROVED FOR USE INDICATED BY ADHESIVE MANUFACTURER.
  1. USE ADHESIVES THAT HAVE A VOC CONTENT OF 70 g/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

1.11 INSTALLATION, GENERAL
- A. PROVIDE FIRE BLOCKING IN FURRED SPACES, STUD SPACES, AND OTHER CONCEALED CAVITIES AS FOLLOWS:
  1. FIRE BLOCK CONCEALED SPACES OF WOOD-FRAMED WALLS AND PARTITIONS AT EACH FLOOR LEVEL, AT CEILING LINE OF TOP STORY, AND AT NOT MORE THAN 96 INCHES O.C.
  2. FIRE BLOCK CONCEALED SPACES BETWEEN FLOOR SLEEPERS WITH SAME MATERIAL AS SLEEPERS TO LIMIT CONCEALED SPACES TO NOT MORE THAN 100 sq. ft. AND TO SOLIDLY FILL SPACE BELOW PARTITIONS.
  3. FIRE BLOCK CONCEALED SPACES BEHIND COMBUSTIBLE CORNICES AND EXTERIOR TRIM AT NOT MORE THAN 20 FEET O.C.
- B. COMPLY WITH AWPA M4 FOR APPLYING FIELD TREATMENT TO CUT SURFACES OF PRESERVATIVE-TREATED LUMBER.
  1. USE INORGANIC BORON FOR ITEMS THAT ARE CONTINUOUSLY PROTECTED FROM LIQUID WATER.
  2. USE COPPER NAPHTHENATE FOR ITEMS NOT CONTINUOUSLY PROTECTED FROM LIQUID WATER.
- C. SECURELY ATTACH CARPENTRY WORK TO SUBSTRATE BY ANCHORING AND FASTENING AS INDICATED, COMPLYING WITH THE FOLLOWING:
  1. NES NER-272 FOR POWER-DRIVEN FASTENERS.
  2. TABLE 2301.9.1, "FASTENING SCHEDULE," IN ICC'S INTERNATIONAL BUILDING CODE.

1.12 PROTECTION
- A. PROTECT TOUGH CARPENTRY FROM WEATHER. IF, DESPITE PROTECTION, ROUGH CARPENTRY BECOMES WET, APPLY EPA-REGISTERED BORATE TREATMENT. APPLY BORATE SOLUTION BY SPRAYING TO COMP

SECTION 066113 - CULTURED MARBLE FABRICATIONS

1.1 SUMMARY
A. SECTION INCLUDES
1. CAST MARBLE TUB AND SHOWER PANEL SYSTEMS, WITH RELATED ACCESSORIES
1.2 SUBMITTALS
A. SHOP DRAWINGS:
1. SUBMIT PLANS, ELEVATIONS, AND DETAIL SECTIONS. INDICATE OVERALL DIMENSIONS, MATERIAL THICKNESS, LOCATION AND SIZE OF CUTOUTS, ANCHORAGE PROVISIONS AND ATTACHMENT METHODS. INDICATE COORDINATION REQUIREMENTS FOR ADJACENT AND INTERFACING WORK.
2. INDICATE DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS AND MAKE SPECIFIC NOTE OF DIMENSIONS THAT APPEAR TO BE IN CONFLICT WITH SUBMITTED EQUIPMENT AND MINIMUM CLEARANCE REQUIREMENTS.
a. MINOR DIMENSION CHANGES AND DIFFICULT INSTALLATION WILL NOT BE CONSIDERED CHANGES TO THE CONTRACT.
B. SAMPLES: SUBMIT EACH COLOR, TEXTURE, OR PATTERN INDICATED, 4" X 4" MINIMUM SIZE SAMPLES.
C. PRODUCT DATA: INDICATE PRODUCT DESCRIPTION, FABRICATION INFORMATION AND COMPLIANCE WITH SPECIFIED PERFORMANCE REQUIREMENTS
D. MAINTENANCE DATA: SUBMIT MANUFACTURER'S CARE AND MAINTENANCE DATA, INCLUDING REPAIR AND CLEANING INSTRUCTIONS. INCLUDE IN PROJECT CLOSE-OUT DOCUMENTS.
1.3 QUALITY ASSURANCE
A. MANUFACTURER QUALIFICATION: MEMBER OF INTERNATIONAL CAST POLYMER ALLIANCE (ICPA), WITH NOT LESS THAN FIVE YEARS OF EXPERIENCE IN MANUFACTURING PRODUCTS SIMILAR TO THOSE REQUIRED FOR THE PROJECT.
B. INSTALLER QUALIFICATIONS: NOT LESS THAN FIVE INSTALLATIONS OF COMPARABLE SCOPE WITHIN THE PAST THREE YEARS.
1. PROVIDE LIST OF CONTACTS FOR RECENTLY COMPLETED PROJECTS.
2. ARCHITECT MAY INSPECT INSTALLATIONS AND REJECT PROPOSED INSTALLER ON THE BASIS OF REFERENCES OF QUALITY OF WORK.
1.4 DELIVERY, STORAGE, AND HANDLING
A. DO NOT DELIVER CAST MARBLE MATERIALS UNTIL PAINTING AND SIMILAR OPERATIONS THAT COULD DAMAGE THE CAST MARBLE HAVE BEEN COMPLETED IN INSTALLATION AREAS.
B. PACKING AND SHIPPING: PACK COUNTERTOPS, TUB AND SHOWER SURROUNDS, AND OTHER FLAT PRODUCTS IN WOODEN CRATES TO MINIMIZE SHIPPING DAMAGE. PALLETIZE OTHER COMPONENTS.
C. CHECK FOR SHIPPING DAMAGE DURING UNLOADING AT SITE AND NOTIFY MANUFACTURER IMMEDIATELY OF ANY OBVIOUS DAMAGE.
D. STORE PRODUCTS UNDER SHELTER, OFF THE GROUND, AND PROTECTED FROM MOISTURE. MATERIALS MUST BE AT ROOM TEMPERATURE PRIOR TO INSTALLATION. HANDLE SCRATCHING, AND OTHER DAMAGE DURING HANDLING AND INSTALLATION.
1.5 WARRANTY
A. TUB AND SHOWER PANEL SYSTEMS: MANUFACTURER'S STANDARD FIVE (5) YEAR LIMITED WARRANTY ON DEFECTIVE MATERIALS
1.6 CAST MARBLE MATERIAL
A. MANUFACTURERS
1. PREFERRED MANUFACTURER: AS APPROVED BY OWNER.
1.7 FABRICATION
A. USE MOLDS MATERIALS, METHODS, AND PROCEDURES THAT WILL RESULT IN PROPER TEXTURE AND FINISH.
B. FABRICATE TO REQUIRED PROFILES AND DIMENSIONS. TO THE GREATEST EXTENT POSSIBLE, FABRICATE EACH UNIT AS A CONTINUOUS PIECE, WITHOUT JOINTS, AND CONFIGURED TO MINIMIZE ON-SITE CUTTING OR OTHER MODIFICATIONS.
C. EASE ALL EDGES AND SAND SMOOTH; PROVIDE UNIFORM FINISH ON ALL EXPOSED SURFACES.
1.8 INSTALLATION
D. DO NOT BEGIN INSTALLATION UNTIL SUBSTRATES HAVE BEEN PROPERLY PREPARED. IF SUBSTRATE PREPARATION IS THE RESPONSIBILITY OF ANOTHER INSTALLER, NOTIFY GENERAL CONTRACTOR OR ARCHITECT OF UNSATISFACTORY PREPARATION BEFORE PROCEEDING.
E. TUB AND SHOWER PANEL SYSTEM: CUT OPENING AS REQUIRED FOR INSTALLATION OF PLUMBING FITTINGS. SECURE SOAP DISHES TO PANELS WITH SILICONE JOINT SEALER, AS RECOMMENDED BY PANEL MANUFACTURER.
F. ADHESIVES AND SEALANTS: AS SPECIFIED IN SECTION 07 90 00, AND AS FOLLOWS:
1. TO ADHERE CAST MARBLE PANELS TO GYPSUM WALLBOARD, USE LN-933 LIQUID NAILS, NAIL-No-MORE, OR OTHER PRODUCT RECOMMENDED BY MANUFACTURER.
2. FOR JOINTS BETWEEN CAST MARBLE PANELS, USE A MILDEW RESISTANT 100 PERCENT SILICONE JOINT SEALER; SILICONIZED CALKING COMPOUND IS NOT ACCEPTABLE.
3. FOR SEALING CAST MARBLE PANELS AT ADJOINING SURFACES SUCH AS GYPSUM WALLBOARD, USE MILDEW RESISTANT LATEX CALK JOINT SEALER, SUCH AS PHENOSEAL ACRYLIC CAULK BY GIBSON HOMANS, OR OTHER PRODUCT RECOMMENDED BY CAST MARBLE PANEL MANUFACTURER.
1.9 INSTALLATION
A. ALL PANEL SYSTEMS SHALL BE INSTALLED AS SHOWN ON SHOP DRAWINGS AND AS SPECIFIED BY MFG.
1. INSTALL COMPONENTS PLUMB, LEVEL AND TIGHTLY TO SUBSTRATE. SCRIBE TO ADJACENT FINISHES.
2. REMOVE ALL DUST AND OTHER CONTAMINANTS FROM BACK OF PANELS.
3. DO NOT USE WATER OR DENATURED ALCOHOL TO CLEAR BACK OF PANEL. USE DRY CLOTH.
1.10 CLEANING
A. PROTECT SURFACES OF INSTALLED PRODUCTS UNTIL COMPLETION OF PROJECT.
END OF SECTION 066113

SECTION 068200 - FIBERGLASS REINFORCED PLASTIC

1.1 SUBMITTALS
A. PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT DATA SHEETS FOR SPECIFIED PRODUCTS.
B. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS SHOWING LAYOUT, PROFILES AND PRODUCT COMPONENTS, INCLUDING ANCHORAGE, ACCESSORIES, FINISH COLORS, PATTERNS AND TEXTURES. INDICATE LOCATION AND DIMENSION OF JOINTS AND FASTENER ATTACHMENT.
C. SAMPLES: SUBMIT SELECTION AND VERIFICATION SAMPLES FOR FINISHES, COLORS AND TEXTURES, SUBMIT 2 SAMPLES OF EACH TYPE OF PANEL, TRIM AND FASTENER, MINIMUM SIZE 4"x 4".
D. QUALITY ASSURANCE SUBMITTALS: THE FOLLOWING:
1. TEST REPORTS: CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES.
2. CERTIFICATES: PRODUCT CERTIFICATES SIGNED BY MANUFACTURER CERTIFYING MATERIALS COMPLY WITH SPECIFIED PERFORMANCE CHARACTERISTICS, CRITERIA AND PHYSICAL REQUIREMENTS.
3. MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. MANUFACTURER'S FIELD REPORTS.
E. CLOSEOUT SUBMITTALS: SUBMIT THE FOLLOWING:
1. OPERATION AND MAINTENANCE DATA: OPERATION AND MAINTENANCE DATA FOR INSTALLED PRODUCTS IN ACCORDANCE WITH DIVISION 01 CLOSEOUT SUBMITTALS SECTION.
2. WARRANTY DOCUMENTS.
1.2 QUALITY ASSURANCE
A. QUALIFICATION:
1. INSTALLER QUALIFICATIONS: INSTALLER SHOULD BE EXPERIENCED IN PERFORMING WORK OF THIS SECTION AND SHOULD HAVE SPECIALIZED IN INSTALLATION OF WORK SIMILAR TO THAT REQUIRED FOR THIS PROJECT. SUBMIT CERTIFICATE INDICATION QUALIFICATIONS.
2. MANUFACTURER QUALIFICATION: MANUFACTURER SHOULD BE CAPABLE OF PROVIDING FIELD SERVICE REPRESENTATION DURING CONSTRUCTION AND SHOUDL BE CAPABLE OF APPROVING APPLICATION METHOD.
1.3 DELIVERY, STORAGE & HANDLING
A. DELIVERY: DELIVER MATERIALS IN MANUFACTURER'S ORIGINAL, UNOPENED, UNDAMAGED CONTAINERS WITH IDENTIFICATION LABELS INTACT. PACKAGE SHEETS ON SKIDS OR PALLETS FOR SHIPMENT TO PROJECT SITE.
B. STORAGE AND PROTECTION: STORE MATERIALS PROTECTED FROM EXPOSURE TO HARMFUL WEATHER CONDITIONS AND AT TEMPERATURE AND HUMIDITY CONDITIONS RECOMMENDED BY MANUFACTURER.
1.4 PROJECT CONDITIONS
A. ENVIRONMENTAL REQUIREMENTS:
1. INSTALLATION SHALL NOT BEGIN UNTIL BUILDING IS ENCLOSED, PERMANENT HEATING AND COOLING EQUIPMENT IS IN OPERATION, AND RESIDUAL MOISTURE FROM PLASTER, CONCRETE OR OTHER WORK HAS DISSIPATED;
2. DURING INSTALLATION, AND FOR NOT LESS THAN 48 HOURS BEFORE, MAINTAIN AN AMBIENT TEMPERATURE AND RELATIVE HUMIDITY AS REQUIRED BY TYPE OF ADHESIVE USED AND RECOMMENDATION OF MANUFACTURER.
B. FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS/OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION; SHOW RECORDED MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FIELD MEASUREMENTS AND FABRICATION SCHEDULE WITH OTHER WORK.
1.5 WARRANTY
A. MANUFACTURER'S WARRANTY: SUBMIT, FOR OWNER'S ACCEPTANCE, MANUFACTURER'S STANDARD WARRANTY DOCUMENT EXECUTED BY AUTHORIZED COMPANY OFFICIAL. MANUFACTURER'S WARRANTY IS IN ADDITION TO, AND NOT A LIMITATION OF, OTHER RIGHTS OWNER MAY HAVE UNDER CONTRACT DOCUMENTS.
1. WARRANTY PERIOD: 10 YEARS COMMENCING ON DATE OF SUBSTANTIAL COMPLETION.
1.6 FIBERGLASS REINFORCED PLASTIC (FRP) PANELS
A. SUBJECT TO REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
1. "GLASBORD" BY CRANE COMPOSITES, CHANNAHON, IL
2. "DYNAGLASS" BY CHICAGO METALLIC CORPORATION, CHICAGO, IL
3. "KEMPI" BY KEMPLY COMPANY INC., JOLIET, IL
4. OR AN APPROVED EQUAL.
B. WALL PANEL SUBSTRATE: PLYWOOD SUBSTRATE: ⅜ INCH (9.5 MM) BCX-FIR
C. WALL PANELS:
1. CLASS A FLAMESPREAD OF LESS THAN 25, SMOKE DEVELOPED LESS THAN 450 PER ASTM E84 LATEST VERSION.
2. COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
3. SIZE: 4 FEET x 8 FEET, UNLESS OTHERWISE INDICATED ON PLANS.
a. BARCOL HARDNESS (SCRATCH RESISTANCE) PER ASTM D2583. 1) 35 FOR EMBOSSED 0.09 INCH (2.3 MM)
b. GARDNER IMAPACT STRENGTH OF 40 IN-LB (4.5 J) SHOWING NO VISIBLE DAMAGE ON FRONT SIDE PER ASTM D5420.
c. MEETS USDA/FSIS REQUIREMENTS.
d. COMPLIES WITH ICBO REPORT NUMBER 4583.
e. A MEANS OF FRONTSIDE IDENTIFICATION AND CONFIRMATION OF MEETING CLASS I (A) INTERIOR FINISH REQUIREMENTS AFTER INSTALLATION AND WHILE IN SERVICE (WITHOUT LABELS).
1.7 ACCESSORIES
A. ADHESIVE: PROVIDE PANEL ADHESIVE AS RECOMMENDED Y PANEL MANUFACTURER.
B. MOLDINGS: PROVIDE HARMONIZING PVC (POLYVINYL CHLORIDE) MOLDINGS IN SAME COLOR AS PANELS.
1.8 EXAMINATION
A. SITE VERIFICATION OF CONDITIONS: VERIFY THAT SUBSTRATE CONDITIONS, WHICH HAVE BEEN PREVIOUSLY INSTALLED UNDER OTHER SECTIONS, ARE ACCEPTABLE FOR PRODUCT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
1. EXAMINE BACKUP SURFACES TO DETERMINE THAT CORNERS ARE PLUMB AND STRAIGHT, SURFACES ARE SMOOTH, UNIFORM, CLEAN AND FREE FROM FOREIGN MATTER NAILS ARE COUNTERSUNK AND JOINTS AND CRACKS ARE FILLED FLUSH AND SMOOTH WITH THE ADJOINING SURFACE.
2. DO NOT BEGIN INSTALLATION UNTIL BACKUP SURFACES ARE IN SATISFACTORY CONDITION.
1.9 INSTALLATION
A. FIBERGLASS REINFORCED PANEL (FRP) INSTALLATION:
1. CUT AND DRILL PANELS WITH CARBIDE TIPPED SAW BLADES OR DRILL BITS, OR CUT WITH SIPS.
2. INSTALL PANELS WITH MANUFACTURER'S RECOMMENDED GAP FOR PANEL FIELD AND CORNER JOINTS.
3. PREDRILL FASTENER HOLES IN PANELS WITH 1/8 INCH (3.2) OVERSIZE CORNER JOINTS.
4. FOR TROWEL TYPE AND APPLICATION OF ADHESIVE, FOLLOW ADHESIVE MANUFACTURER'S RECOMMENDATIONS.
5. USE PRODUCTS ACCEPTABLE TO PANEL MANUFACTURER AND INSTALL FRP SYSTEM IN ACCORDANCE WITH PANEL MANUFACTURER'S PRINTED INSTRUCTIONS.
1.10 CLEANING
A. CLEANING: REMOVE TEMPORARY COVERINGS AND PROTECTION OF ADJACENT WORK AREAS. REPAIR OR REPLACE PRODUCTS THAT HAVE BEEN INSTALLED AND ARE DAMAGED. CLEAN INSTALLED PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION PRIOR TO OWNER'S ACCEPTANCE.
1. REMOVE ANY ADHESIVE OR EXCESSIVE SEALANT FROM PANEL FACE USING SOLVENT OR CLEANER RECOMMENDED BY PANEL MANUFACTURER.
END OF SECTION 068200

SECTION 072100 - THERMAL INSULATION

1.1 PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED, SUBMIT MANUFACTURER'S CATALOG DATA AND APPLICATION INSTRUCTIONS FOR EACH MATERIALS
1.2 FIRE-TEST-RESPONSE CHARACTERISTICS: PROVIDE INSULATION AND RELATED MATERIALS WITH THE FIRE-TEST-RESPONSE CHARACTERISTICS INDICATED, AS DETERMINED GY TESTING IDENTICAL PRODUCTS PER TEST METHOD INDICATED BELOW BY UL OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JUISDICTION.
A. SURFACE-BURNING CHARACTERISTICS: ASTM E84.
B. FIRE-RESISTANCE RATING: ASTM E 119.
C. COMBUSTION CHARACTERISTICS: ASTM E 136.
1.3 FOAM-PLASTIC BOARD INSULATION
A. EXTRUDED-POLYSTYRENE BOARD INSULATION: ASTM C578, OF TYPE AND DENSITY INDICATED, WITH MAXIMUM FLAME-SPREAD AND SMOKE-DEVELOPED INDEEXES OF 75 AND 450, RESPECTIVELY.
1. PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
a. "FOAMULAR 250"BY OWENS CORNING, LLC.
b. "STYROFOAM" PRODUCTS BY DOW CHEMICAL COMPANY
c. "PERFORM GUARD" BY THE R-CONTROL DIVISION OF AFM CORP.
d. OR AN APPROVED EQUAL.
B. POLYISOCYANURATE BOARD INSULATION: ASTM C 1289, TYP I CLASS 1 OR 2, WITH MAXIMUM FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF 75 AND 450, RESPECTIVELY, BASED ON TESTS PERFORMED ON UNFACED CORE ON STICKINESS UP TO 4 INCHES.
1.4 GLASS-FIBER BLANKET INSULATION
A. UNFACED, GLASS-FIBER BLANKET INSULATION: ASTM C 665, TYPE I (BLANKETS WITHOUT MEMBRANE FACING); CONSISTING OF FIBERS; WITH MAXIMUM FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF 25 AND 50, RESPECTIVELY; PASSING ASTM E136 FOR COMBUSTION CHARACTERISTICS.
1. AT INTERIOR CAVITIES ONLY, UNLESS OTHERWISE NOTED.
B. KRAFT-FACED GLASS-FIBER BLANKET INSULATION: PROVIDE THERMAL INSULATION PRODUCED BY COMBINING GLASS FIBERS WITH THERMOSETTING RESINS TO COMPLY WITH ASTM C665, TYPE II, CLASS C (BLANKETS WITH A NON-REFLECTIVE VAPOR-RETARDER MEMBRANE COVERING ONE PRINCIPAL FACE AND NOT RATED FOR FLAME PROPAGATION RESISTANCE - FOR USE IN NONEXPOSED APPLICATIONS ONLY).
1. AT ALL BUILDING-ENVELOPE CAVITIES, UNLESS OTHERWISE NOTED, WITH PAPER FACING THE INTERIOR.
C. WHERE GLASS-FIBER BLANKET INSULATION IS INDICATED BY THE FOLLOWING THICKNESSES, PROVIDE BLANKETS IN BATT OR ROLL FROM WITH THERMAL RESISTANCE INDICATED:
1. 3-1/2 INCHES THICK WITH A THERMAL RESISTANCE OR R-13
2. 5-1/2 INCHES THICK WITH A THERMAL RESISTANCE OR R-19
3. 10 INCHES THICK WITH A THERMAL RESISTANCE OF R-30
4. 12 INCHES THICK WITH A THERMAL RESISTANCE OF R-38
1.5 VAPOR-RETARDER TAPE-PRESSURE-SENSITIVE TAPE OF TYPE RECOMMENDED BY INSULATION MANUFACTURERS FOR SEALING JOINTS AND PENETRATIONS IN VAPOR-RETARDER FACINGS.
A. ADHESIVE FOR BONDING INSULATION: PRODUCT WITH DEMONSTRATED CAPABILITY TO BOND INSULATION SECURELY TO SUBSTRATES INDICATED WITHOUT DAMAGING INSULATION AND SUBSTRATES.
1.6 INSULATION FASTENERS
A. SPINDLE-TYPE ANCHORS: CAPABLE OF HOLDING INSULATION OF THICKNESS INDICATED SECURELY IN POSITION INDICATED.
B. INSULATION STANDOFF: SPACER FABRICATED FROM GALVANIZED MILD-STEEL SHEET FOR FITTING OVER SPINDLE OF INSULATION ANCHOR TO MAINTAIN AIR SPACE OF 1/2 INCH MINIMUM BETWEEN FACE OF INSULATION AND SUBSTRATE TO WHICH ANCHOR IS ATTACHED.
C. ANCHOR ADHESIVE: PRODUCT WITH DEMONSTRATED CAPABILITY TO BOND INSULATION ANCHORS SECURELY TO SUBSTRATES INDICATED WITHOUT DAMAGING INSULATION, FASTENERS, AND SUBSTRATES.
1.7 INSTALLATION OF PERIMETER AND UNDER-SLAB INSULATION: IF NOT OTHERWISE INDICATED, EXTEND INSULATION A MINIMUM OF 24 INCHES BELOW EXTERIOR GRADE LINE.
1.8 STUFF MINERAL-OR GLASS-FIBER INSULATION INTO MISCELLANEOUS VOIDS AND CAVITY SPACES. COMPACT TO A MAXIMUM OF 50 PERCENT OF NORMAL VOLUME.
END OF SECTION 072100

SECTION 072200 - ROOF DECK INSTALLATION

1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED, SUBMIT MANUFACTURER'S CATALOG DATA AND APPLICATION INSTRUCTIONS FOR EACH MATERIAL PROPOSED FOR USE.
1.2 QUALITY ASSURANCE
A. ROOF INSULATION ON COMBUSTIBLE OR STEEL DECKS SHALL HAVE A FLAME SPREAD RATING NOT GRATER THAN 75 AND A SMOKE DEVELOPED RATING NOT GREATER THAN 150, EXCLUSIVE OF COVERING, WHEN TESTED IN ACCORDANCE WITH ASTM E84.
1.3 DELIVERY, STORAGE, AND HANDLING
A. DO NOT EXPOSE TO SUNLIGHT, EXCEPT TO EXTENT NECESSARY FOR PERIOD OF INSTALLATION AND CONCEALMENT.
B. PROTECT AGAINST IGNITION AT ALL TIMES.
C. SLIT OR REMOVE PACKAGING TO PERMIT VENTILATION AND COVER WITH BREATHABLE TARPAULIN OR THER SUITABLE WATERPROOF COVERINGS.
1.4 PROJECT CONDITIONS
A. DO NOT APPLY ROOFING MATERIALS WHEN SUBSTRATE IS DAMP OR WET OR WHEN PROPER ADHESIVE TEMPERATURE CANNOT BE MAINTAINED.
1.5 FOAM-PLASTIC BOARD INSULATION
A. GLASS-FIBER-FACED POLYISOCYANURATE BOARD INSULATION: CLOSED-CELL POLYISOCYANURATE FOAM CORE AND BONDED TO GLASS-FIBER-REINFORCED FACERS ON BOTH SIDES; CONFORMING TO ASTM C 1289, TYPE II, CLASS 1 WITH SQUARE EDGES.
1. PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENT, PROVIDE:
a. "ENRGY 3" BY JOHNS MANVILLE,
b. "ISO 95+GL" BY FIRESTONE BUILDING PRODUCTS.
c. "MP-H POLYISOBY VERSICO ROOFING SYSTEMS
d. OR AN APPROVED EQUAL.
2. TAPERED BOARD SHALL SLOPE AT A MINIMUM OF 1/4-INCH PER FOOT; ONLY PROVIDE 1/8-INCH PER FOOT WHERE SPECIFICALLY INDICATED ON PLANS.
1.6 AUXILIARY INSULATING MATERIALS
A. PRIMER: AST D41.
B. GLASS (FELT): ASTM D2178, TYPE IV, HEAVY DUTY PLY SHEET.
C. ROOF CEMENT: ASTM D2822, TYPE I OR TYPE II, ASBESTOS FREE; OR D4586, TYPE I OR TYPE II.
D. SEPARATION LAYER: AS RECOMMENDED BY ROOF MEMBRANE MANUFACTURER.
E. CANT STRIP AND TAPERED EDGE STRIP: STANDARD MACHINE CUT PERLITE OR WOOD FIBER BOARD STRIPS IN SIZES INDICATED OR REQUIRED.
F. BASE PLY: AS RECOMMENDED BY MEMBRANE MANUFACTURER.
1.7 INSULATION FASTENERS
A. STAPLES AND NAILS: ASTM F1667. TYPE AS DESIGNATED FOR ITEM ANCHORED AND FOR SUBSTRATE.
1.8 PREPARATION
A. CLEAN SUBSTRATES OF SUBSTANCES HARMFUL TO INSULATION OR VAPOR RETARDERS, INCLUDING REMOVING PROJECTIONS CAPABLE OF PUNCTURING VAPOR RETARDERS OR OF INTERFERING WITH INSULATION ATTACHMENT.
1.9 INSTALLATION, GENERAL
A. USE ONE INCH THICK MINERAL FIBERBOARD, CELLULAR GLASS, OR PERLITE BOARD AS FIRST LAYER OVER STEEL DECKS, DO NOT USE PHENOLIC, ISOCYANURATE, OR URETHANE BOARD TYPE INSULATION DIRECTLY ON STEEL ROOF DECKS.
B. EXTEND INSULATION IN THICKNESS INDICATED TO ENVELOP ENTIRE AREA TO BE INSULATED. CUT AND FIT TIGHTLY AROUND OBSTRUCTIONS AND FILL VOIDS WITH INSULATION. REMOVE PROJECTIONS THAT INTERFERE WITH PLACEMENT.
C. APPLY ONLY AS MUCH INSULATION AS CAN BE COVERED BY A COMPLETE ROOF MEMBRANE IN THE SAME DAY. DO NOT LEAVE INSULATION EXPOSED TO THE WEATHER.
D. MINIMUM INSULATION BOARD THICKNESS AT ROOF DRAINS OF 2 INCHES.
E. USE CRICKETS TO ELIMINATE "GUTTERS" IN ROOF SLOPES. DO NOT ALLOW "FLAT AREAS" WHERE PONDING WILL OCCUR.
1.10 PROTECTION
A. PROTECT INSTALLED INSULATION FROM DAMAGE DUE TO HARMFUL WEATHER EXPOSURES, PHYSICAL ABUSE, TRAFFIC AND LOADS, AND OTHER CAUSES, PROVIDE TEMPORARY COVERING OR ENCLOSURES WHERE INSULATION CANNOT BE CONCEALED AND PROTECTED BY PERMANENT CONSTRUCTION IMMEDIATELY AFTER INSULATION.
END OF SECTION 072200

SECTION 072419 - WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

1.1 SYSTEM DESCRIPTION
A. CLASS PB EIFS : A NON-LOAD - BEARING, EXTERIOR WALL CLADDING SYSTEM THAT CONSISTS OF AN INSULATION BOARD ATTACHED ADHESIVELY, MECHANICALLY, OR BOTH TO THE SUBSTRATE; AN INEGRALLY REINFORCED BASE COAT; AND A TEXTURED PROTECTIVE FINISH COAT.
B. WATER-DRAINAGE EIFS: EIFS WITH AMEANS THAT ALLOWS WATER ENTERING INTO AN EIFS ASSEMBLY TO DRAIN TO THE EXTERIOR.
1.2 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE AND COMPONENT OF EIFS INDICATED.
B. SAMPLES: FOR EACH TYPE OF FINISH-COAT COLOR AND TEXTURE.
C. QUALIFICATION DATA: FOR INSTALLER AND TESTING AGENCYL.
D. MAINTENANCE DATA:FOR EIFS TO INCLUDE IN MAINTENANCE MANUALS.
1.3 QUALITY ASSURANCE
A. SOURCE LIMITATIONS OBTAIN EIFS FROM SINGLE SOURCE FROM SINGLE EIFS MANUFACTURER AND FROM SOURCES APPROVED BY EIFS MANUFACTURER AS COMPATIBLE WITH SYSTEM COMPONENTS.
B. FIRE-TEST-RESPONSE CHARACTERISTICS:
1. FIRE-RESISTANCE CHARACTERISTICS: PROVIDE MATERIALS AND CONSTRUCTION TESTED FOR FIRE RESISTANCE PER ASTM E119.
2. RADIANT HEAT EXPOSURE: NO IGNITION OF EIFS WHEN TESTED ACCORDING TO NFPA 268.
3. SURFACE-BURNING CHARACTERISTICS: PROVIDE INSULATION BOARD, ADHESIVES, BASE COATS, AND FINISH COATS WITH FLAME-SPREAD INDEX OF 25 OR LESS AND SMOKE-DEVELOPED INDEX OF 450 OR LESS, PER ASTM E84.
1.4 PROJECT CONDITIONS
A. WEATHER LIMITATIONS: MAINTAIN AMBIENT TEMPERATURES ABOVE 40 DEG F FOR A MINIMUM OF 24 HOURS BEFORE, DURING , AND AFTER ADHESIVES OR COATINGS ARE APPLIED, DO NOT APPLY EIFS ADHESIVES OR COATINGS DURING RAINFALL. PROCEED WITH INSTALLATION ONLY WHEN EXISTING AND FORECASTED WEATHER CONDITIONS AND AMBIENT OUTDOOR AIR , HUMIDITY, AND SUBSTRATE TEMPERATURES PERMIT EIFS TO BE APPLIED, DRIED, AND CURED ACCORDING TO MANUFACTURERS' WRITTEN INSTRUCTIONS AND WARRANTY REQUIREMENTS.
1.5 MANUFACTURERS
A. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
1. "OUTSULATION MD" SYSTEM BY DRYVIT SYSTEMS, INC.
2. "COMMERCIAL DRAINAGE EIFS, VERTICAL RIBBONS" SYSTEM BY THE SURWALL DIVISION OF PAREXLAHBRA, INC.
3. "STO THERM PREMIER" SYSTEM BY STO CORP.
4. OR APPROVED EQUAL.
B. COLOR AND TEXTURE TO BE SELECTED BY OWNER FROM MANUFACTURER'S FULL RANG.
1.6 MATERIALS
A. COMPATIBILITY: PROVIDE WATER-RESISTIVE COATING, ADHESIVE, FASTENERS, BOARD INSULATION, REINFORCING MESHES, BASE-AND FINISH-COAT SYSTEMS, SEALANTS, AND ACCESSORIES THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH SUBSTRATES AND APPROVED FOR USE BY EIFS MANUFACTURER FOR PROJECT.
B. SHEATHING JOINT COMPOUND AND TAPE: TYPE RECOMMENDED BY EIFS MANUFACTURER FOR SEALING JOINTS BETWEEN AND PENETRATIONS THROUGH SHEATHING.
C. PRIMER/SEALER: EIFS MANUFACTURER'S STANDARD SUBSTRATE CONDITIONER DESIGNED TO SEAL SUBSTRATES FROM MOISTURE PENETRATION AND TO IMPROVE THE BOND BETWEEN SUBSTRATE OF TYPE INDICATED AND ADHESIVE USED FOR APPLICATION OF INSULATION.
D. FLEXIBLE-MEMBRANE FLASHING: COLD-APPLIED, FULLY SELF-ADHERING, SELF-HEALING, RUBBERIZED-ASPHALT AND POLYETHYLENE-FILM COMPOSITE SHEET OR TAPE AND PRIMER; EIFS MANUFACTURER'S STANDARD OR PRODUCT RECOMMENDED IN WRITING BY EIFS MANUFACTURER.
E. DRAINAGE MAT: MAT DESIGNED TO DRAIN INCIDENTAL MOISTURE BY GRAVITY; EIFS MANUFACTURER'S STANDARD OR PRODUCT RECOMMENDED IN WRITING BY EIFS MANUFACTURER.
F. INSULATION ADHESIVE: EIFS MANUFACTURER'S STANDARD FORMULAION DESIGNED FOR INDICATED USE, COMPATIBLE WITH SUBSTRATE.
G. MOLDED, RIGID CELLULAR POLYSTYRENE BOARD INSULATION: COMPLY WITH ASTM C578, TYPE I; EIFS MANUFACTURER'S REQUIREMENTS; AND EIMA'S "EIMA GUIDELINE SPECIFICATION FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD" FOR MOST STRINGENT REQUIREMENTS FOR MATERIAL PERFORMANCE AND QUALITIES OF INSULATION, INCLUDING DIMENSIONS AND PERMISSIBLE VARIATIONS, AND THE FOLLOWING:
1. FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES: 25 AND 450 OR LESS, RESPECTIVELY, PER ASTM E84.
2. CHANNELED BOARD INSULATION: EIFS MANUFACTURER'S STANDARD FACTORY-FABRICATED PROFILE WITH LINEAR, VERTICAL DRAINAGE CHANNELS, SLOTS, OR WAVES ON THE BACK SIDE OF BOARD.
3. FOAM SHAPES: PROVIDE WITH PROFILES AND DIMENSIONS INDICATED ON DRAWINGS.
H. REINFORCING MESH: BALANCED, ALKALI-RESISTANT, OPEN-WEAVE, GLASS-FIBER MESH TREATED FOR COMPATIBILITY WITH OTHER EIFS MATERIALS, MADE FROM CONTINUOUS MULTIEND STRANDS WITH RETAINED MESH TENSILE STRENGTH OF NOT LESS THAN 120 LBF/IN/ PER ASTM E2098 OR EIMA 105.01.
I. BASE-COAT MATERIALS: EIFS MANUFACTURER'S STANDARD FORMULATION.
K. PRIMER: EIFS MANUFACTURER'S STANDARD FACTORY-MIXED, ELASTOMERIC-POLYMER PRIMER FOR PREPARING BASE-COAT SURFACE FOR APPLICATION OF FINISH COAT.
L. FINISH-COAT MATERIALS: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
M. WATER: POTABLE
N. MECHANICAL FASTENERS: EIFS MANUFACTURER'S STANDARD CORROSION-RESISTANT FASTENERS CONSISTING OF THERMAL CAP, STANDARD WASHER AND SHAFT ATTACHMENTS, AND FASTENER.
O. TRIM ACCESSORIES: TYPE AS DESIGNATE OR REQUIRED TO SUIT CONDITIONS INDICATED AND TO COMPLY WITH EIFS MANUFACTURER'S WRITTEN INSTRUCTIONS.
1.7 ELASTOMERIC SEALANTS
A. ELASTOMERIC SEALANT PRODUCT: PROVIDE EIFS MANUFACTURER'S LISTED AND RECOMMENDED SEALANT THAT IS COMPATIBLE WITH JOINT FILLERS, JOINT SUBSTRATES, AND OTHER RELATED MATERIALS, AND COMPLIES WITH ASTM C 1481.
B. SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
1.8 PREPARATION
A. PROTECT CONTIGUOUS WORK FROM MOISTURE DETERIORATION AND SOILING CAUSED BY APPLICATION OF EIFS. PROVIDE TEMPORARY COVERING AND OTHER PROTECTION NEEDED TO PREVENT SPATTERING OF EXTERIOR FINISH COATS ON OTHER WORK.
1.9 EIFS INSTALLATION, GENERAL
A. COMPLY WITH EIFS MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLATION OF EIFS AS APPLICABLE TO EACH TYPE OF SUBSTRATE INDICATED.
B. EXPANSION JOINTS: INSTALL AT LOCATIONS INDICATED, , WHERE REQUIRED BY EIFS MANUFACTURER, AND AS FOLLOWS:
1. AT EXPANSION JOINTS IN SUBSTRATES BEHIND EIFS.
2. WHERE EIFS ADJOIN DISSIMILAR SUBSTRATES, MATERIALS, AND CONSTRUCTION, INCLUDING OTHER EIFS.
3. AT FLOOR LINES MULTILEVEL WOOD-FRAMED CONSTRUCTION.
4. WHERE WALL HEIGHT OR BUILDING SHAPE CHANGES.
5. WHERE EIFS MANUFACTURER REQUIRES JOINTS IN LONG CONTINUOUS ELEVATION.
1.10 CLEANING AND PROTECTION
A. PROVIDE PROTECTION OF INSTALLED MATERIALS FROM DIRT, DUST, WATER, FREEZING, OR CONTINUOUSLY HIGH HUMIDITY UNTIL INSTALLATION IS FULLY DRY.
END OF SECTION 072419

SECTION 072

1.6 UNDERLAYMENT MATERIALS
A. POLYETHYLENE SHEET: 6-MIL-THICK POLYETHYLENE SHEET COMPLYING WITH ASTM D4397.
B. FELT: ASTM D 226, TYPE II (No. 30), ASPHALT-SATURATED ORGANIC FELT, NON-PERFORATED.
C. SELF-ADHERING, HIGH-TEMPERATURE SHEET: MINIMUM 30 TO 40 MILS THICK, CONSISTING OF SLIP-RESISTING POLYETHYLENE-FILM TOP SURFACE LAMINATED T LAYER OF BUTYL OR SBS-MODIFIED ASPHALT ADHESIVE, WITH RELEASE-PAPER BACKING; COLD APPLIED. PROVIDE PRIMER WHEN RECOMMENDED BY UNDRLAYMENT MANUFACTURER
1. THERMAL STABILITY: ASTM D 1970; STABLE AFTER TESTING AT 240 DEG F.
2. LOW-TEMPERATURE FLEXIBILITY: ASTM D1970; PASSES AFTER TESTING AT MINUS 20 DEG F.
D. ROSIN PAPER: FED-SPEC. UU-B-790, TYPE I, GRADE D, STYLE 1B, ROSIN-SIZED SHEATHING PAPER, WEIGHING APPROXIMATELY 3 KG/10 M^2 (6 LBS/100 SF).
E. BITUMINOUS PAINT: ASTM D 1187, TYPE I.
1.7 MISCELLANEOUS MATERIALS
A. GENERAL: PROVIDE ITEMS AS REQUIRED FOR COMPLETE SHEET METAL FLASHING AND TRIM INSTALLATION AND RECOMMENDED BY MANUFACTURER OR PRIMARY SHEET METAL UNLESS OTHERWISE INDICATED.
B. FASTENERS: WOOD SCREWS, ANNULAR THREADED NAILS, SELF-TAPPING SCREWS, SELF-LOCKING RIVETS AND BOLTS, AND OTHER SUITABLE FASTENERS DESIGNED TO WITHSTAND DESIGN LOADS AND RECOMMENDED BY MANUFACTURER OF PRIMARY SHEET METAL.
C. SOLDER: FOR ZINC-COATED (GALVANIZED) STEEL: ASTM B 32, GRADE SN50, 50 PERCENT TIN AND 50 PERCENT LEAD OR GRADE SN60, 60 PERCENT TIN AND 40 PERCENT LEAD.
D. SEALANT TAPE: PRESSURE-SENSITIVE, 100 PERCENT SOLIDS, GRAY POYISOBUTYLENE COMPOUND SEALANT TAPE WITH RELEASE-PAPER BACKING. PROVIDE PERMANENTLY ELASTIC, NON-SAG, NON-TOXIC, NON-STAINING TAPE.
E. ELASTOMERIC SEALANT: ASTM C 920, ELASTOMERIC POLYSULFIDE POLYMER SEALANT; LOW MODULUS; OF TYPE, GRADE, CLASS, AND USE CLASSIFICATION REQUIRED TO SEAL JOINTS IN SHEET METAL FLASHING AND TRIM AND REMAIN WATERTIGHT.
F. INSECT SCREENING: ASTM D3656, 18 BY 18 REGULAR MESH.
1.8 MANUFACTURED ITEMS
A. REGLETS: UNITS FORMED TO PROVIDE SECURE INTERLOCKING OF SEPARATE REGLET AND COUNTERFLASHING PIECES.
B. COUNTERFLASHINGS: MANUFACTURED UNITS DESIGNED TO SNAP INTO REGLETS AND COMPRESS AGAINST BASE FLASHING WITH JOINTS LAPPED, FROM THE FOLLOWING EXPOSED METAL IN THICKNESS INDICATED.
C. COPINGS: FORMED METAL COPING CAP IN SECTION LENGTH NOT EXCEEDING 12 FEET CONCEALED ANCHORAGE, CONCEALED SPLICE PLATES WITH SAME FINISH AS COPING CAPS, MITERED CORNER UNITS, AND END CAP UNITS.
D. ROOF EDGE FASCIA: TWO-PIECE, ROOF EDGE FASCIA CONSISTING OF SNAP-ON METAL FASCIA COVER AND A CONTINUOUS FORMED OR EXTRUDED ALUMINUM ANCHOR BAR WITH INTEGRAL DRIP EDGE CLEAT TO ENGAGE FASCIA COVER, PROVIDE MATCHING MITERED AND WELDED CORNER UNITS.
E. GRAVEL STOPS: ONE-PIECE, FORMED-METAL GRAVEL STOP WITH A HORIZONTAL FLANGE AND VERTICAL LEG FASCIA TERMINATING IN A DRIP EDGE, CONTINUOUS HOLD-DOWN CLEAT, AND CONCEALED SPLICE PLATES OF SAME MATERIAL, FINISH, AND SHAPE AS GRAVEL STOP.
1.9 FABRICATION, GENERAL
A. FABRICATION TOLERANCES: 1/4 INCH IN 20 FEET ON SLOPE AND LOCATION LINES AS INDICATED AND WITHIN 1/8-INCH OFFSET OF ADJOINING FACES OF ALIGNMENT OF MATCHING PROFILES.
B. EXPANSION PROVISIONS: WHERE LAPPED EXPANSION PROVISIONS CANNOT BE USED, FROM EXPANSION JOINTS OF INTERMESHING HOOKED FLANGES, NOT LESS THAN 1 INCH DEEP, FILLED WITH BUTYL SEALANT CONCEALED WITHIN JOINTS.
C. FABRICATE CLEATS AND ATTACHMENT DEVICES OF SIZES AS RECOMMENDED BY SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL" AND BY FMG LOSS PREVENTION DATA SHEET 1-49 FOR APPLICATION, BUT NOT LESS THAN THICKNESS OF METAL BEING SECURED,
1.10 ROOF DRAINAGE SHEET METAL FABRICATIONS
A. GUTTERS: FABRICATE TO CROSS SECTION INDICATED, COMPLETE WITH END PIECES, OUTLET TUBES, AND OTHER ACCESSORIES AS REQUIRED. FABRICATE IN MINIMUM 96-INCH-LONG SECTIONS. FABRICATE GUTTER ACCESSORIES FROM SAME METAL AS GUTTERS.
B. DOWNSPOUTS: COMPLETE WITH MITERED ELBOWS. FURNISH WITH METAL HANGERS, FROM SAME MATERIAL AS DOWNSPOUTS, AND ANCHORS.
C. ROOF OVERFLOW OUTLETS: WHERE A CONCEALED LEADER DISCHARGES RAINWATER TO THE EXTERIOR, WITH A LIP TO DIRECT WATER AWAY FROM THE WALL.
1.11 WALL SHEET METAL FABRICATIONS
A. THROUGH-WALL FLASHING: FABRICATE CONTINUOUS FLASHING IN MINIMUM 96-INCH LONG, BUT NOT EXCEEDING 12-FOOT-LONG, SECTIONS, UNDER COPINGS, AT SHELF ANGLES, AND WHERE INDICATED. FABRICATE DISCONTINUOUS LINTEL, SILL, AND SIMILAR FLASHING TO EXTEND 6 INCHES BEYOND EACH SIDE OF WALL OPENINGS. FORM WITH 2-INCH-HIGH, END DAMS WHERE FLASHING IS DISCONTINUOUS.
1.12 INSTALLATION, GENERAL
A. METAL PROTECTION: WHERE DISSIMILAR METALS WILL CONTACT EACH OTHER OR CORROSIVE SUBSTRATES, PROTECT AGAINST GALVANIC ACTION BY PAINTING CONTACT SURFACES WITH BITUMINOUS COATING OR BY OTHER PERMANENT SEPARATION AS RECOMMENDED BY SMACNA.
B. EXPANSION PROVISIONS: PROVIDE FOR THERMAL EXPANSION OF EXPOSED FLASHING AND TRIM. SPACE MOVEMENT JOINTS AT A MAXIMUM OF 10 FEET WITH NO JOINTS ALLOWED WITHIN 24 INCHED OF CORNER OR INTERSECTION. WHERE LAPPED EXPANSION PROVISIONS CANNOT BE USED OR WOULD NOT BE SUFFICIENTLY WATERTIGHT, FROM EXPANSION JOINTS OF INTERMESHING HOOKED FLANGES, NOT LESS THAN 1 INCH DEEP, FILLED WITH SEALANT CONCEALED WITHIN JOINTS.
C. SOLDERED JOINTS: CLEAN SURFACES TO BE SOLDERED, REMOVING OILS AND FOREIGN MATTER. PRE-TIN EDGES OF SHEETS TO BE SOLDERED TO A WIDTH OF 1-1/2 INCHES, EXCEPT REDUCE PRE-TINNING WHERE PRE-TINNED SURFACE WOULD SHOW IN COMPLETED WORK.
1.13 ROOF DRAINAGE SYSTEM INSTALLATION
A. GENERAL: INSTALL SHEET METAL ROOF DRAINAGE ITEMS TO PRODUCE COMPLETE ROOF DRAINAGE SYSTEM ACCORDING TO SMACN RECOMMENDATIONS AND AS INDICATED.
B. HANGING GUTTERS: ATTACH GUTTERS AT EAVE OR FASCIA TO FIRMLY ANCHORED GUTTER BRACKETS SPACED NOT MORE THAN 36 INCHES APART.
C. BUILT-IN GUTTERS: SLOPE TO DOWNSPOUTS. PROVIDE END CLOSURES AND SEAL WATERTIGHT WITH SEALANT.
D. DOWNSPOUTS: JOIN SECTIONS WITH TELESCOPING JOINTS. PROVIDE FASTENERS DESIGNED TO HOLD DOWNSPOUTS SECURELY 1 INCH AWAY FROM WALL; LOCATE FASTENERS AT TOP AND BOTTOM AND AT APPROXIMATELY 60 INCHES O.C. IN BETWEEN.
E. SPLASH PANS: INSTALL WHERE DOWNSPOUTS DISCHARGE ON LOW-SLOPE OR ON GRADE.
F. PARAPET SCUPPERS: CONTINUOUSLY SUPPORT SCUPPER, SET TO CORRECT ELEVATION, AND SEAL FLANGES TO INTERIOR WALL FACE, OVER CANTS OR TAPERED EDGE STRIPS, AND UNDER ROOFING MEMBRANE.
1.14 MISCELLANEOUS FLASHING INSTALLATION
A. EQUIPMENT SUPPORT FLASHING: COORDINATE INSTALLATION OF EQUIPMENT SUPPORT FLASHING WITH INSTALLATION OF ROOFING AND EQUIPMENT. WELD OR SEAL FLASHING WITH ELASTOMERIC SEALANT TO EQUIPMENT SUPPORT MEMBER.
END OF SECTION 076200

SECTION 076500 - FLEXIBLE FLASHING

1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES.
1.2 DELIVERY, STORAGE, AND HANDLING
A. STACK FLASHING MATERIALS TO AVOID TWISTING, BENDING AND ABRASION. PROTECT MATERIALS FROM WEATHER BEFORE INSTALLATION.
1.3 SHEET FLASHING MATERIALS
A. NONREINFORCED, ELASTOERIC SHEETING: ELASTOMERIC SUBSTANCES REDUCES TO THERMOPLASTIC STATE AND EXTRUDED INTO CONTINUOUS HOMOGENOUS SHEET (0.056 INCH) THICK.
1. SHEETING SHALL HAVE NOT LESS THAN 7 MPa (1,000 PSI) TENSILE STRENGTH AND NOT MORE THAN SEVEN PERCENT TENSION-SET AT 50 PERCENT ELONGATION WHEN TESTED IN ACCORDANCE WITH ASTM D412.
2. TEAR RESISTANCE: ASTM D 1004, 350 LBS. PER LINEAR INCH.
B. BITUMINOUS MEMBRANE FLASHING MATERIALS: SHEET FLASHING MEMBRANE, CROSS LINKED POLYETHYLENE SHEET LAMINATED TO A RUBBER-ASPHALT MEMBRANE, COMPLYING WITH THE FOLLOWING:
1. TENSILE STRENGTH: ASTM D 412, 21 POUDS PER INCH WIDTH
2. ULTIMATE ELONGATION: ASTM D412, 350 PERCENT.
3. TEAR RESISTANCE: ASTM D1004, 350 LBS. PER LINEAR INCH.
1.4 MISCELLANEOUS MATERIALS
A. SEALING TAPE: PRESSURE SENSITIVE, POLYPROPYLENE SUBSTRATE WITH ACRYLIC BASED ADHESIVE, WHICH IS COMPATIBLE WITH FLASHING SYSTEMS PRODUCTS.
B. SEALANTS: ASTM C 920, ELASTOMERIC POLYMER SEALANT, COMPATIBLE WITH MEMBRANE PRODUCT.
C. PRIME: RUBBER BASED SOLVENT TYPE RECOMMENDED BY MEMBRANE MANUFACTURER.
D. ROOF CEMENT: ASTM D4586. CUT-BACK ASPHALT CONTAINING LONG FIBERED MATERIAL, IN TOWEL GRADE CONSISTENCY.
1.5 PREPARATION
A. SURFACE PREPARATION: SUBSTRATE MUST BE SMOOTH, CLEAN, DRY AND FREE OF VOIDS, SPALLED AREAS, LOOSE SUBSTRATE, LOOSE NAILS, OTHER SHARP PROTRUSIONS OR OTHER MATTER THAT WILL HINDER THE ADHESION OR REGULARITY OF THE FLASHING TAPE INSTALLATION. CLEAN LOOSE DUST OR DIRT FROM SURFACE WHEREVER FLASHING TAPE IS TO BE APPLIED BY WIPING WITH A CLEAN DRY CLOTH OR BRUSH.
B. REMOVE EXISTING WEATHER BARRIERS, FLASHING, CARRIER OR PROTECTIVE FILMS AND SIMILAR MATERIALS THAT WOULD IMPEDE ADHESION FROM SUBSTRATES INDICATED TO RECEIVE ELASTICIZED FLEXIBLE FLASHING TAPE. CLEAN SURFACES THOROUGHLY PRIOR INSTALLATION.
1.6 INSTALLATION, GENERAL
A. PROVIDE FLEXIBLE FLASHING FOR CONCEALED FLASHING AT THE FOLLOWING LOCATIONS:
1. AROUND WINDOWS AND DOORS.
2. WATER PROTECTION ON SILLS AND HEADS OF OPENINGS.
3. SPANDREL BEAMS.
4. PARAPETS.
5. BRICK MASONRY THROUGH WALL FLASHING AND AT CAVITY WALLS.
B. PROVIDE FLEXIBLE FLASHINGS FOR EXPOSED FLASHINGS AT THE FOLLOWING LOCATIONS:
1. ROOF PARAPETS
2. ROOF EQUIPMENT CURBS.
3. SKYLIGHTS.
4. VENT PIPES.
5. PERIMETER CURBS.
6. EXPANSION JOINTS.
1.7 CLEANING AND PROTECTION
A. PROTECT FLASHING UNTIL WORK IS COMPLETE. DO NOT ALLOW WIND OR OTHER FORCES TO DISPLACE FLASHING.
B. CLEAN WEEP HOLES AND EXPOSED EDGES.
END OF SECTION 076500

SECTION 077200 - ROOF ACCESSORIES

1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF ROOF ACCESSORY INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES.
B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR ROOF ACCESSORIES. SHOW LAYOUTS OR ROOF ACCESSORIES INCLUDING PLANS AND ELEVATIONS. INDICATE DIMENSIONS, WEIGHTS, LOADINGS, REQUIRED CLEARANCES, METHOD OF FIELD ASSEMBLY, AND COMPONENTS. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
C. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.
1.2 PROJECT CONDITIONS
A. FIELD MEASUREMENTS: VERIFY REQUIRED OPENINGS FOR EACH TYPE OF ROOF ACCESSORY BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
1.3 WARRANTY
A. SPECIAL WARRANTY ON PAINTED FINISHES: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR FINISH OR REPLACE ROOF ACCESSORIES THAT SHOW EVIDENCE OF DETERIORATION OF FACTORY-APPLIED FINISHES WITHIN SPECIFIED WARRANTY PERIOD.
1. FINISH WARRANTY PERIOD: 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
1.4 MISCELLANEOUS MATERIALS
A. SECURITY GRILLES:
1. SHOP PRIMER: MANUFACTURER'S OR FABRICATOR'S STANDARD, FAST-CURING, LEAD-AND CHROMATE-FREE, UNIVERSAL PRIMER.
B. GASKETS: MANUFACTURER'S STANDARD TUBULAR OR FINGERED DESIGN OF NEOPRENE, EPDM, OR PVC; OR FLAT DESIGN OF FOAM RUBBER, SPONGE NEOPRENE, OR CORK.
C. ELASTOMERIC SEALANT: ASTM C 920 SEALANT; OF THPE, GRADE, CLASS, AND USE CLASSIFICATIONS REQUIRED TO SEAL JOINTS IN SHEET METAL FLASHING AND TRIM AND REMAIN WATERTIGHT.
D. BUTYL SEALANT: ASTM C 1311, SINGLE-COMPONENT, SOLVENT-RELEASE BUTYL RUBBER SEALANT, POLYISOBUTYLENE PLASTICIZED, AND HEAVY BODIED FOR HOOKED-TYPE EXPANSION JOINTS WITH LIMITED MOVEMENT.
1.5 ROOF CURBS AND EQUIPMENT SUPPORTS
A. ROOF CURBS: PROVIDE METAL ROOF CURBS, INTERNALLY REINFORCED AND CAPABLE OF SUPPORTING LOADS AND OTHER CONSTRUCTION TO BE SUPPORTED ON ROOF CURBS.
1. FACTORY INSTALL WOOD NAILERS AT TOPS OF CURBS.
2. ON RIBBED OR FLUTED METAL ROOFS, FROM FLANGE AT PERIMETER BOTTOM TO CONFORM TO ROOF PROFILE.
3. CURB HEIGHT MAY BE DETERMINED BY ADDING THICKNESS OF ROOF INSULATION AND MINIMUM BASE FLASHING HEIGHT RECOMMENDED BY ROOFING MEMBRANE MANUFACTURER. FABRICATE UNITS TO MINIMUM HEIGHT OF 12 INCHES, UNLESS OTHERWISE INDICATED.
B. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
1. THYBAR CORP.
2. TECO METAL PRODUCTS.
3. ROOF PRODUCTS INC. (RPI)
4. OR APPROVED EQUAL.
1.6 ROOF HATCH
A. ROOF HATCHES: METAL ROOF-HATCH UNITS WITH LIDS AND INSULATED DOUBLE-WALLED CURBS, WELDED OR MECHANICALLY FASTENED AND SEALED CORNER JOINTS, CONTINUOUS LID-TO-CURB COUNTERFLASHING AND WEATHERTIGHT PERIMETER CASKETING, STEPPED INTEGRAL METAL CANT RAISED THE THICKNESS OF ROOF INSULATION, AND INTEGRALLY FORMED DECK-MOUNTING FLANGE AT PERIMETER BOTTOM
1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
a. BILCO COMPANY
b. NYSTROM
c. O'KEEFFE'S INC.
d. PRECISION LADDERS, LLC
e. OR APPROVED EQUAL.
B. TYPE AND SIZE: SINGLE-LEAF LID, 30 BY 54 INCHES MIN.
C. LOADS: MINIMUM 40-LBF/SQ.FT. EXTERNAL LIVE LOAD AND 20-LBF/SQ.FT. INTERNAL UPLIFT LOAD.
D. HARDWARE: STAINLESS- STEEL SPRING LATCH WITH TURN HANDLES, BUTT-OR PINTLE-TYPE HINGE SYSTEM, AND PADLOCK HASPS INSIDE AND OUTSIDE.
E. LADDER-ASSIST POST: ROOF-HATCH MANUFACTURER'S STANDARD DEVICE FOR ATTACHMENT TO ROOF-ACCESS LADDER.
1. OPERATION:POST LOCKS IN PLACE ON FULL EXTENSION; RELEASE MECHANISM RETURNS POST TO CLOSED POSITION.
1.7 HEAT AND SMOKE VENTS
A. HATCH-TYPE HEAT AND SMOKE VENTS: MANUFACTURER'S STANDARD, WITH INSULATED CURBS, WELDED OR MECHANICALLY FASTENED AND SEALED CORNER JOINTS, INTEGRAL CONDESATION GUTTER, AND CAP FLASHING. FABRICATE WITH INSULATED DOUBLE-WALLED LID AND CONTINUOUS WEATHERTIGHT PERIMETER LID GASKETS, AND EQUIP WITH AUTOMATIC SELF-LIFTING MECHANISMS AND UL-LISTED FUSIBLE LINKS RATED AT 165 DEG F (74DEG C) OR INTEGRAL SMOKE-DETECTION SYSTEM.
1.8 ROOF WALKWAY PADS
A. REINFORCED WALKWAY PADS COMPOSED OF WHITE THERMOPLASTIC MATERIAL.
1. SIZE: 30" (0.67M) WIDE BY ANY LENGTH LONG, SECTIONS OR ROLLS.
2. TEXTURED SURFACE AND A SMOOTH BOTTOM SURFACE FOR COMPATIBLE WELDING TO TPO ROOF MEMBRANE.
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
1.9 INSTALLATION
A. GENERAL: INSTALL ROOF ACCESSORIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. INSTALL ROOF ACCESSORIES TO FIT SUBSTRATES AND TO RESULT IN WATERTIGHT PERFORMANCE.
B. METAL PROTECTION: WHERE DISSIMILAR METALS WILL CONTACT EACH OTHER OR CORROSIVE SUBSTRATES, PROTECT AGAINST GALVANIC ACTION BY PAINTING CONTACT SURFACES WITH BITUMINOUS COATING OR BY OTHER PERMANENT SEPARATION AS RECOMMENDED BY MANUFACTURER.
C. HEAT AND SMOKE VENT INSTALLATION: LOCATE, INSTALL, AND TEST HEAT AND SMOKE VENTS ACCORDING TO NFPA 204. CHECK HEAT AND SMOKE VENT FOR PROPER OPERATION AND UNRESTRICTED AIRFLOW. ADJUST OPERATING MECHANISM AS REQUIRED.
1.10 TOUCH UP
A. TOUCH UP FACTORY-PRIMED SURFACES WITH COMPATIBLE PRIMER READY FOR FIELD PAINTING IN ACCORDANCE WITH DIVISION 09 PAINTING SECTIONS.
B. GALVANIZED SURFACES: CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS AND REPAIR GALVANIZING TO COMPLY WITH ASTM A 780.
END OF SECTION 077200

SECTION 078413 - PENETRATION FIRESTOPPING

1.1 PERFORMANCE REQUIREMENTS
A. GENERAL: FOR PENETRATIONS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTIONS, INCLUDING BOTH EMPTY OPENINGS AND OPENINGS CONTAINING PENETRATING ITEMS, PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS THAT ARE PRODUCED AND INSTALLED TO RESIST SPREAD OF FIRE ACCORDING TO REQUIREMENTS INDICATED, RESIST PASSAGE OF SMOKE AND OTHER GASES, AND MAINTAIN ORIGINAL FIRE-RESISTANCE RATING OF CONSTRUCTION PENETRATED.
1. FIRE-RESISTANCE-RATED WALLS INCLUDING FIRE PARTITIONS AND SMOKE BARRIERS.
2. FIRE-RESISTANCE-RATED HORIZONTAL ASSEMBLIES INCLUDING FLOOR/CEILING ASSEMBLIES.
B. RATED SYSTEMS: PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS WITH THE FOLLOWING RATINGS DETERMINED PER ASTM E 814 OR UL 1479:
1. F-RATED SYSTEMS: PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS WITH F-RATINGS INDICATED, BUT NOT LESS THAN THAT EQUALING OR EXCEEDING FIRE-RESISTANCE RATING OF CONSTRUCTIONS PENETRATED.
2. T-RATED THROUGH-PENETRATION FIRESTOP SYSTEMS. PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS WITH T RATINGS, IN ADDITION TO F RATINGS, AS DETERMINED PER ASTM E814, WHERE INDICATED AND WHERE SYSTEMS PROTECT PENETRATING ITEMS EXPOSED TO CONTACT WITH ADJACENT MATERIALS IN OCCUPIABLE FLOOR AREAS. T-RATED ASSEMBLIES ARE REQUIRED WHERE THE FOLLOWING CONDITIONS EXISTS.
a. WHERE FIRESTOP SYSTEMS PROTECT PENETRATION LOCATED OUTSIDE OF WALL CAVITIES.
b. WHERE FIRESTOP SYSTEMS PROTECT PENETRATIONS LOCATED OUTSIDE FIRE-RESISTIVE SHAFT ENCLOSURES.
c. WHERE FIRESTOP SYSTEMS PROTECT PENETRATIONS LOCATED IN CONSTRUCTION CONTAINING DOORS REQUIRED TO HAVE A TEMPERATURE-RISE RATING.
d. WHERE FIRESTOP SYSTEMS PROTECT PENETRATING ITEMS LARGER THAN A 4-INCH-DIAMETER NOMINAL PIPE OR 16 SQ. IN. IN OVERALL CROSS-SECTIONAL AREA.
3. FIRE RESISTIVE JOINT SEALANTS: PROVIDE JOINT SEALANTS WITH FIRE-RESISTANCE RATINGS INDICATED, AS DETERMINED PER ASTM E119, BUT NOT LESS THAN THAT EQUALING OR EXCEEDING THE FIRE-RESISTANCE RATING OR THE CONSTRUCTION IN WHICH THE JOINT OCCURS.
C. FOR THROUGH-PENETRATION FIRESTOP SYSTEMS EXPOSED TO VIWQ, TRAFFIC, MOISTUR, AND PHYSICAL DAMAGE, PROVIDE PRODUCTS THAT, AFTER CURNG, DO NOT DETERIORATE WHEN EXPOSED TO THESE CONDITIONS BOTH DURING AND AFTER CONSTRUCTION.
1. FOR PIPING PENETRATIONS FOR PLUMBING AND WET-PIPE SPRINKLER SYSTEMS, PROVIDE MOISTURE-RESISTANT-PENETRATION FIRESTOP SYSTEMS.
2. FOR PENETRATIONS INVOLVING INSULATED PIPING, PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEM NOT REQUIRING REMOVAL OF INSULATION.
D. FOR THROUGH-PENETRATION FIRESTOP SYSTEMS EXPOSED TO VIEW, PROVIDE PRODUCTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF LESS THAN 25 AND 450, RESPECTIVELY, AS DETERMINED PER ASTM E84.
E. FOR PENETRATIONS INVOLVING INSULATED PIPING, PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS NOT REQUIRING REMOVAL OF INSULATION.
1.2 SUBMITTALS
A. PRODUCT DATA: CUT SHEETS, INSTALLATION DATA, AND LOCATION FOR EACH PRODUCT USED.
1.3 QUALITY ASSURANCE
A. ENGINEERING JUDGEMENTS: FOR THOSE FIRESTOP APPLICATIONS THAT EXIST FOR WHICH NO UL TESTED SYSTEM IS AVAILABLE THROUGH A MANUFACTURER, AN ENGINEERING JUDGMENT DERIVED FROM SIMILAR UL SYSTEM DESIGNS OR OTHER TESTS SHALL BE SUBMITTED TO LOCAL AUTHORITIES HAVING JURISDICTION FOR THEIR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
2.1 FIRESTOPPING, GENERAL
A. COMPATIBILITY: PROVIDE THOUGH-PENETRATION FIRESTOP SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER, WITH THE SUBSTRATES FORMING OPENINGS; AND WITH THE ITEMS, IF ANY, PENETRATING THROUGH-PENETRATION FIRESTOP SYSTEMS, AS DEMONSTRATED BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.
2.2 FILL MATERIALS
A. GENERAL: PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS CONTAINING THE TYPES OF FILL MATERIALS INDICATED. FILL MATERIALS ARE THOSE REFERRED TO IN DIRECTORIES OF REFERENCED TESTING AND INSPECTING AGENCIES AS "FILL," "VOID," OR "CAVITY" MATERIALS.
B. LATEX SEALANTS: SINGLE-COMPONENT LATEX FORMULATIONS THAT AFTER CURE DO NOT RE-EMULSIFY DURING EXPOSURE TO MOISTURE.
C. FIRESTOP DEVICES: FACTORY-ASSEMBLED COLLARS FORMEDD FROM GALVANIZED STEEL AND LINED WITH INTUMESCENT MATERIAL SIZED TO FIT SPECIFIC DIAMETER OF PENETRATE.
D. INTUESCENT COMPOSITE SHEETS: RIGID PANELS CONSISTING OF ALUMINUM-FOIL-FACED ELASTOMERIC SHEET BONDED TO GALVANIZED STEEL SHEET.
E. INTUESCENT PUTTIES: NONHARENING DIELECTRIC, WATER-RESISTANT PUTTIES CONTAINING NO SOLVENTS, INORGANIC FIBERS, OR SILICONE COMPOUNDS.
F. INTUMESCENT WRAP STRIPS: SINGLE-COMPONENT INTUMESCENT ELASTOMERIC SHEETS WITH ALUMINUM FOIL ON ONE SIDE.
G. MORTARS: PREPACKAGED DRY MIXES CONSISTING OF A BLEND OF INORGANIC BINDERS, HYDRAULIC CEMENT, FILLERS, AND LIGHTWEIGHT AGGREGATE FORMULATED FOR MIXING WITH WATER AT PROJECT SITE TO FORM A NON-SHRINKING, HOMOGENEOUS MORTAR.
H. SILICONE FOAMS: MUTICOMONENT, SILICONE-BASED LIQUID ELASTOMERS THAT, WHEN MIXED, EXPAND AND CURE IN PLACE TO PRODUCE A FLEXIBLE, NON-SHRINKING FOAM.
I. SILICON SEALANTS: SINGLE-COMPONENT, SILICONE-BASED, NEUTRAL-CURING ELASTOMERIC SEALANTS.
2.3 IDENTIFICATION
A. IDENTIFY THROUGH-PENETRATION FIRESTOP SYSTEMS WITH PREPRINTED METAL OR PLASTIC LABELS. ATTACH LABELS PERMANENTLY TO SURFACES ADJACENT TO AND WITHIN 6 INCHES OF EDGE OF THE FIRESTOP SYSTEMS SO THAT LABELS WILL BE VISIBLE TO ANYONE SEEKING TO REMOVE PENETRATING ITEMS OR FIRESTOP SYSTEMS. USE MECHANICAL FASTENERS FOR METAL LABELS. FOR PLASTIC LABELS, USE SELF-ADHERING TYPE WITH ADHESIVES CAPABLE OF PERMANENTLY BONDING LABELS TO SURFACES ON WHICH LABELS ARE PLACED AND, IN COMBINATION WITH LABEL MATERIAL, WILL RESULT IN PARTIAL DESTRUCTION OF LABEL IF REMOVAL IS ATTEMPTED. INCLUDE THE FOLLOWING INFORMATION ON LABELS:
1. THE WORD "WARNING-THROUGH-PENETRATION FIRESTOP SYSTEM-DO NOT DISTURB. NOTIFY BUILDING MANAGEMENT OF ANY DAMAGE."
2. CONTRACTOR'S NAME, ADDRESS, AND PHONE NUMBER.
3. THROUGH-PENETRATION FIRESTOP SYSTEM DESIGNATION OF APPLICABLE TESTING AND INSPECTING AGENCY.
4. DATE OF INSTALLATION.
5. THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER'S NAME.
6. INSTALLER'S NAME.
END OF SECTION 078413

SECTION 079200 - JOINT SEALANTS

1.1 PROVIDE ELASTOMERIC JOINT SEALANTS THAT ESTABLISH AND MAINTAIN WATERTIGHT AND AIRTIGHT CONTINUOUS JOINT SEALS WITHOUT STAINING OR DETERIORATING JOINT SUBSTRATES.
A. INTERIOR JOINTS IN THE FOLLOWING VERTICAL SURFACES AND HORIZONTAL NON-TRAFFIC SURFACES:
1. CONTROL AND EXPANSION JOINTS ON EXPOSED INTERIOR SURFACES OF EXTERIOR WALLS
2. PERIMETER JOINTS OF EXTERIOR OPENINGS WHERE INDICATED.
3. TILE CONTROL AND EXPANSION JOINTS.
4. VERTICAL JOINTS ON EXPOSED SURFACES OF INTERIOR UNIT MASONRY, AND CONCRETE WALLS AND PARTITIONS.
5. JOINTS ON UNDERSIDE OF PLANT-PRECAST STRUCTURAL CONCRETE BEAMS AND PLANKS.
6. PERIMETER JOINTS BETWEEN INTERIOR WALL SURFACES AND FRAMES OF INTERIOR DOORS AND WINDOWS.
7. OTHER JOINTS AS INDICATED.
1.2 PRODUCT DATA: CUT SHEETS AND INSTALLATION INFORMATION FOR EACH JOINT-SEALANT PRODUCT USED.
A. SAMPLES FOR COLOR SELECTION: MANUFACTURER'S COLOR CHARTS CONSISTING OF STRIPS OF CURED SEALANTS SHOWING THE FULL RANGE OF COLORS AVAILABLE FOR EACH PRODUCT EXPOSED TO VIEW.
B. COMPATIBILITY AND ADHESION TEST REPORTS: FROM SEALANT MANUFACTURER, INDICATING THE FOLLOWING.
1. MATERIALS FORMING JOINT SUBSTRATES AND JOINT-SEALANT BACKING HAVE BEEN TESTED FOR COMPATIBILITY AND ADHESION WITH JOINT SEALANTS.
2. INTERPRETATION OF TEST RESULTS AND WRITTEN RECOMMENDATIONS FOR PRIMERS AND SUBSTRATE PREPARATION NEEDED FOR ADHESION.
1.3 MANUFACTURER'S WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH ELASTOERIC SEALANT MANUFACTURER AGREES TO FURNISH ELASTOMERIC JOINT SEALANTS TO REPAIR OR REPLACE THOSE THAT DO NOT COMPLY WITH PERFORMANCE AND OTHER REQUIREMENTS WITHIN SPECIFIED WARRANTY PERIOD.
A. WARRANTY PERIOD: ONE YEAR MINIMUM FROM DATE OF SUBSTANTIAL COMPLETION
2.1 MATERIALS, GENERAL
A. COMPATIBILITY: PROVIDE JOINT SEALANT, BACKINGS, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY SEALANT MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE
2.2 ELASTOMERIC JOINT SEALANTS
A. ELASTOMERIC SEALANTS: COMPLY WITH ASTM C 920 AND OTHER REQUIREMENTS INDICATED FOR EACH LIQUID-APPLIED CHEMICALLY CURING SEALANT SPECIFIED, INCLUDING THOSE REFERENCING ASTM C 920 CLASSIFICATIONS FOR TYPE, GRADE, CLASS, AND USES RELATED TO EXPOSURE AND JOINT SUBSTRATES.
B. STAIN-TEST-RESPONSES CHARACTERISTICS: WHERE ELASTOMERIC SEALANTS ARE SPECIFIED TO BE NON-STAINING TO POROUS SUBSTRATES, PROVIDE PRODUCTS THAT HAVE UNDERGONE TESTING ACCORDING TO ASTM C 1248 AND HAVE NOT STAINED POROUS JOINT SUBSTRATES INDICATED FOR PROJECT.
C. SUITABILITY FOR IMMERSION IN LIQUIDS. WHERE ELASTOMERIC SEALANTS ARE INDICATED FOR JOINTS THAT WILL BE CONTINUOUSLY IMMERSED IN

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

1.1 PERFORMANCE REQUIREMENTS.
- A. DELEGATED DESIGN: DESIGN ALUMINUM-FRAMED SYSTEMS, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER, USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA INDICATED.
- B. STRUCTURAL LOADS: SEE STRUCTURAL DRAWINGS.
- C. DEFLECTION OF FRAMING MEMBERS:
  1. DEFLECTION NORMAL TO WALL PLANE: LIMITED TO L/175 OF THE GLASS EDGE LENGTH FOR EACH INDIVIDUAL GLAZING LITE OR AN AMOUNT THAT RESTRICTS EDGE DEFLECTION OF INDIVIDUAL GLAZING LITES TO 3/4 INCH, WHICHEVER IS LESS.
  2. DEFLECTION PARALLEL TO GLAZING PLANE: LIMITED TO L/360 OF CLEAR SPAN OR 1/8-INCH, WHICHEVER IS SMALLER.
- D. SOUND TRANSMISSION: PROVIDE ALUMINUM-FRAMED SYSTEMS WITH FIXED GLAZING AND FRAMING AREAS HAVING SOUND TRANSMISSION CLASS: MINIMUM PER FRANCHISE REQUIREMENT.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR ALUMINUM-FRAMED SYSTEMS.
- B. SHOP DRAWINGS: FOR ALUMINUM-FRAMED SYSTEMS. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
- C. DELEGATED-DESIGN SUBMITTAL: FOR ALUMINUM-FRAMED SYSTEMS INDICATED TO COMPLY WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA, INCLUDING ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.
- D. MAINTENANCE DATA: FOR ALUMINUM-FRAMED SYSTEMS TO INCLUDE IN MAINTENANCE MANUALS.
- E. WARRANTIES: SAMPLE OF SPECIAL WARRANTIES.

1.3 QUALITY ASSURANCE
- A. ENGINEERING RESPONSIBILITY: PREPARE DATA FOR ALUMINUM-FRAMED SYSTEMS, INCLUDING SHOP DRAWINGS, BASED ON TESTING AND ENGINEERING ANALYSIS OF MANUFACTURER'S STANDARD UNITS IN SYSTEMS SIMILAR TO THOSE INDICATED FOR THIS PROJECT.
- B. PRODUCT OPTIONS: INFORMATION ON DRAWINGS AND SPECIFICATIONS ESTABLISHES REQUIREMENTS FOR SYSTEMS AESTHETIC EFFECTS AND PERFORMANCE CHARACTERISTICS. DO NOT REVISE INTENDED AESTHETIC EFFECTS AS JUDGED SOLELY BY ARCHITECT, EXCEPT WITH ARCHITECT'S APPROVAL.

1.4 PROJECT CONDITIONS
- A. FIELD MEASUREMENTS: VERIFY ACTUAL LOCATIONS OF STRUCTURAL SUPPORTS FOR ALUMINUM-FRAMED SYSTEMS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

1.5 WARRANTY
- A. SPECIAL WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF ALUMINUM-FRAMED SYSTEMS THAT DO NOT COMPLY WITH REQUIREMENTS OR THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
  1. WARRANTY PERIOD: TWO (2) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

1.6 MANUFACTURERS
- A. MANUFACTURERS: SUBJECT TO COMLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
  1. TUBELITE, INC.
  2. KAWNEER NORTH AMERICA; AN ALCOA COMPANY.
  3. VISTAWALL ARCHITECTURAL PRODUCTS; A BLUESCOPE STEEL COMPANY.
  4. YKK AP AMERICA INC.
  5. OR AN APPROVED EQUAL.

1.7 MATERIALS
- A. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED.
  1. SHEET AND PLATE: ASTM B 209.
  2. EXTRUDED BARS, RODS, PROFILES, AND TUBES: ASTM B 221.
  3. EXTRUDED STRUCTURAL PIPE AND TUBES: ASTM B 429.
  4. STRUCTURAL PROFILES: ASTM B 308/B 308M.
  5. WELDING RODS AND BARE ELECTRODES: AWS A5. 10/A5. 10M.
- B. STEEL REINFORCEMENT: MANUFACTURER'S STANDARD ZINC-RICH, CORROSION-RESISTANT PRIMER, COMPLYING WITH SSPC-PS GUIDE No. 12.00; APPLIED IMMEDIATELY AFTER SURFACE PREPARATION AND PRETREATMENT. SELECT SURFACE PREPARATION METHODS ACCORDING TO RECOMMENDATIONS IN SSPC-SP COM AND PREPARE SURFACES ACCORDING TO APPLICABLE SSPC STANDARD.
  1. STRUCTURAL SHAPES, PLATES, AND BARS: ASTM A 36/A 36M.
  2. COLD-ROLLED SHEET AND STRIP: ASTM A 1008/A 1008M.
  3. HOT-ROLLED SHEET AND STRIP: ASTM A 1011/A 1011M.

1.8 FRAMING SYSTEMS
- A. FRAMING MEMBERS: MANUFACTURER'S STANDARD EXTRUDED-ALUMINUM FRAMING MEMBERS OF THICKNESS REQUIRED AND REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS.
  1. GLAZING SYSTEM: RETAINED MECHANICALLY WITH GASKETS ON FOUR SIDES.
  2. GLAZING PLANE: CENTER.
  3. AT EXTERIOR STOREFRONT AND WINDOWS: PROVIDE THERMALLY-BROKEN FRAMES.
  4. SIZE: 2"x 4-1/2" FRAME SYSTEM, UNLESS OTHERWISE INDICATED.
- B. CONCRETE AND MASONRY INSERTS: HOT-DIP GALVANIZED CAST-IRON, MALLEABLE-IRON, OR STEEL INSERTS, COMPLYING WITH ASTM A 123/A 123M OR ASTM A 153/A 153M.

1.9 ALUMINUM FINISHES
- A. COLOR ANODIC FINISH: AAMA 611, AA-M12C22A42/A44, CLASS I, 0.018 MM MIN.
  1. COLOR: MEDIUM BRONZE-CONFIRM EXACT COLOR AND FINISH WITH SAMPLE SUBMITTALS.

1.10 ENTRANCE DOOR SYSTEMS
- A. ENTRANCE DOORS: MANUFACTURER'S STANDARD GLAZED ENTRANCE DOORS FOR MANUAL-SWING OPERATION.
  1. DOOR DESIGN: NARROW STILE 2-INCH NOMINAL WIDTH
  2. ACCESSIBLE DOORS: SMOOTH SURFACED FOR WIDTH OF DOOR IN AREA WITHIN 10 INCHES ABOVE FLOOR OR GROUND PLANE.
  3. PROVIDE NON-REMOVABLE GLAZING STOPS ON OUTSIDE OF DOOR.
- B. ENTRANCE DOOR HARDWARE: COORDINATE REQUIREMENTS WITH SECTION 087100 FOR RELATED DOOR HARDWARE.
  1. OFFSET-PIVOT-HINGS: PROVIDE TOP, BOTTOM, AND INTERMEDIATE OFFSET PIVOTS AT EACH DOOR LEAF.
  2. MORTISE AUXILIARY LOCKS: BHMA A156.5, GRADE 1. STANDARD HOOKBOLT.
  3. CYLINDER: 5-PIN MORTISED, KEY-OPERATED, CLEAR FINISHED.
  4. PULLS: BOTH SIDES OF DOOR, 1-INCH DIAMETER CONTEMPORARY STYLED OFFSET PULL APPROX. 9-INCHES TALL, PULL PROJECTION 3-1/2"FROM DOOR FACE. CONCEALED MOUNTING.
  5. BUTT HINGES: BHMA A156.1, GRADE 1, RADIUS CORNER.
     - a. NON-REMOVABLE PINS: PROVIDE SET SCREW IN HINGE BARREL THAT PREVENTS REMOVAL OF PIN WHILE ENTRANCE DOOR IN CLOSED.
  6. CLOSERS: BHMA A 156.4, GRADE 1, WITH ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION, SIZED AS REQUIRED BY DOOR SIZE, EXPOSURE TO WEATHER, AND ANTICIPATED FREQUENCY OF USE; ADJUSTABLE TO MEET FIELD CONDITIONS AND REQUIREMENTS FOR OPENING FORCE.
  7. WEATHER STRIPPING: MANUFACTURER'S STANDARD REPLACEABLE COMPONENTS.
  8. WEATHER SWEEPS: MANUFACTURER'S STANDARD EXTERIOR-DOOR BOTTOM SWEEP WITH CONCEALED FASTENERS ON MOUNTING STRIP.
  9. SILENCERS: BHMA A156.16, GRADE 1.
  10. THRESHOLDS: BHMA A156.21, RAISED THRESHOLDS BEVELED WITH A SLOPE OF NOT MORE THAN 1:2, WITH MAXIMUM HEIGHT OF 1/2-INCH.

END OF SECTION 084113

SECTION 084229 - AUTOMATIC ENTRANCES

1.1 SUMMARY.
- A. SECTION INCLUDES:
  1. EXTERIOR SLIDING, POWER-OPERATED AUTOMATIC ENTRANCE.
- B. RELATED SECTIONS:
  1. DIVISION 03 SECTION "CAST-IN-PLACE CONCRETE" FOR INSTALLING RECESSED METAL FRAMES AND CONTROL MATS IN CONCRETE FLOORS.
  2. DIVISION 08 SECTION "AUTOMATIC DOOR OPERATORS"
  3. DIVISION 26 SECTIONS FOR ELECTRICAL CONNECTIONS, CONDUIT, AND WIRING.

1.2 PERFORMANCE REQUIREMENTS
- A. DELEGATED DESIGN: DESIGN AUTOMATIC ENTRANCES, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER.
- B. STRUCTURAL LOADS:
  1. WIND LOADS: AS INDICATED ON DRAWINGS. SEE STRUCTURAL DRAWINGS
- C. OPENING-FORCE REQUIREMENTS:
  1. POWER-OPERATED DOORS: NOT MORE THAN 50 LBF REQUIRED TO MANUALLY SET DOOR IN MOTION IF POWER FAILS AND NOT MORE THAN 15 LBF REQUIRED TO OPEN DOOR TO MINIMUM REQUIRED WIDTH.
  2. BREAKAWAY DEVICE FOR POWER-OPERATED DOORS: NOT MORE THAN 50 LBF REQUIRED FOR A BREAKAWAY DOOR OR PANEL TO OPEN.
- D. ENTRAPMENT FORCE REQUIREMENTS:
  1. POWER-OPERATED SLIDING DOORS: NOT MORE THAN 30 LBF REQUIRED TO PREVENT STOPPED DOOR FROM CLOSING.
  2. LOW-ENERGY DOORS: NOT MORE THAN 15 LBF REQUIRED TO PREVENT STOPPED DOOR FROM CLOSING OR OPENING.

1.3 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR AUTOMATIC ENTRANCES. INCLUDE RATED CAPACITIES, OPERATING CHARACTERISTICS, ELECTRICAL CHARACTERISTICS, AND FURNISHED SPECIALITIES AND ACCESSORIES.
- B. SHOP DRAWINGS: FOR AUTOMATIC ENTRANCES. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, HARDWARE MOUNTING HEIGHTS, AND ATTACHMENTS TO OTHER WORK.
- C. SAMPLES: FOR EACH TYPE OF EXPOSED FINISH REQUIRED, IN MANUFACTURER'S STANDARD COLORS.
- D. QUALIFICATION DATA: FOR INSTALLER.
- E. MAINTENANCE DATA: FOR AUTOMATIC ENTRANCES, SAFETY DEVICES, AND CONTROL SYSTEMS TO INCLUDE IN MAINTENANCE MANUALS. INCLUDE THE NAME, ADDRESS, AND CONTACT INFORMATION OF THE INSTALLER AND NEAREST SERVICE REPRESENTATIVES.
- F. WARRANTIES: SPECIAL WARRANTIES AND MAINTENANCE AGREEMENTS SPECIFIED IN THIS SECTION.

1.4 QUALITY ASSURANCE
- A. MANUFACTURER QUALIFICATIONS: A MANUFACTURER WITH COMPANY CERTIFICATE ISSUED BY AAADM.
- B. INSTALLER QUALIFICATIONS: MANUFACTURER'S AUTHORIZED REPRESENTATIVE WHO IS TRAINED AND APPROVED FOR INSTALLATION AND MAINTENANCE OF UNITS REQUIRED FOR THIS PROJECT.
- C. EMERGENCY-EXIT DOOR REQUIREMENTS: COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION FOR AUTOMATIC ENTRANCES SERVING AS A REQUIRED MEANS OF EGRESS.

1.5 COORDINATION
- A. FIELD MEASUREMENTS: VERIFY ACTUAL DIMENSIONS OF OPENINGS TO RECEIVE AUTOMATIC ENTRANCES BY FIELD MEASUREMENTS BEFORE FABRICATION.
- B. COORDINATE HARDWARE WITH DOORS, FRAMES, AND RELATED WORK TO ENSURE PROPER SIZE, THICKNESS, HAND, FUNCTION, AND FINISH. COORDINATE HARDWARE FOR AUTOMATIC ENTRANCES WITH HARDWARE REQUIRED FOR REST OF PROJECT.
- C. ELECTRICAL SYSTEM ROUGHING-IN: COORDINATE LAYOUT AND INSTALLATION OF AUTOMATIC ENTRANCES WITH CONNECTIONS TO POWER SUPPLIES AND ACCESS-CONTROL SYSTEM.

1.6 WARRANTY
- A. SPECIAL WARRANTY: MANUFACTURER'S STANDARD FROM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF AUTOMATIC ENTRANCES THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
  1. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
     - a. STRUCTURAL FAILURES INCLUDING, BUT NOT LIMITED TO, EXCESSIVE DEFLECTION.
     - b. FAULTY OPERATION OF OPERATORS, CONTROLS, AND HARDWARE.
     - c. DETERIORATION OF METALS, METAL FINISHES, AND OTHER MATERIALS BEYOND NORMAL WEATHERING AND USE.
  2. WARRANTY PERIOD: ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

1.7 MAINTENANCE SERVICE
- A. INITIAL MAINTENANCE SERVICE: BEGINNING SUBSTANTIAL COMPLETION, PROVIDE 12 MONTHS' FULL MAINTENANCE BY SKILLED EMPLOYEES OF AUTOMATIC ENTRANCE INSTALLER. INCLUDE QUARTERLY PREVENTIVE MAINTENANCE, REPAIR OR REPLACEMENT OF WORN OR DEFECTIVE COMPONENTS, LUBRICATION, CLEANING, AND ADJUSTING AS REQUIRED FOR PROPER AUTOMATIC ENTRANCE OPERATION AT RATED SPEED AND CAPACITY. PROVIDE PARTS AND SUPPLIES THE SAME AS THOSE USED IN THE MANUFACTURE AND INSTALLATION OF ORIGINAL EQUIPMENT.
  1. PERFORM MAINTENANCE DURING NORMAL WORKING HOURS.
  2. INCLUDE 24-HOUR-PER-DAY, 7-DAY-PER-WEEK, EMERGENCY CALLBACK SERVICE.

2.1 MATERIALS
- A. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED.
- B. STEEL REINFORCEMENT: WITH MANUFACTURER'S STANDARD CORROSION-RESISTANT PRIMER COMPLYING WITH SSPC-PS GUIDE No. 12.00 APPLIED IMMEDIATELY AFTER SURFACE PREPARATION AND PRETREATMENT.
- C. GLAZING: TEMPERED, AS SPECIFIED IN DIVISION 08 SECTION "GLAZING"
- D. SEALANTS JOINT FILLERS: AS SPECIFIED IN DIVISION 07 SECTION "JOINT SEALANTS."
- E. NONMETALLIC, SHRINKAGE-RESISTANT GROUT: PREMIXED, NONMETALLIC, MON-CORROSIVE, NON-STAINING GROUT; COMPLYING WITH ASTM C 1107; OF CONSISTENCY SUITABLE FOR APPLICATION.
- F. FASTENERS AND ACCESSORIES: MANUFACTURER'S STANDARD CORROSION-RESISTANT, NON-STAINING, NON-BLEEDING FASTENERS AND ACCESSORIES COMPATIBLE WITH ADJACENT MATERIALS.

2.2 SLIDING AUTOMATIC ENTRANCES
- A. GENERAL: PROVIDE MANUFACTURER'S STANDARD AUTOMATIC ENTRANCES INCLUDING DOORS, SIDELITES, TRANSOMS, FRAMING, HEADERS, CARRIER ASSEMBLIES, ROLLER TRACKS, DOOR OPERATORS, ACTIVATION AND SAFETY DEVICES, AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION AS INDICATED ON DRAWINGS.
- B. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
  1. "PROFILER SERIES 2000B" BY HORTON AUTOMATICS
  2. "BESAM SL500" BY ASSA ABLOY
  3. "DURA-GLIDE SERIES 3000" BY STANLEY SECURITY ACCESS TECHNOLOGIES
  4. OR AN APPROVED EQUAL.
- C. CONFIGURATION: SINGLE-SLIDING DOOR AND SIDELITE(S).
  1. PERIMETER MOUNTED WITHIN ROUGH OPENING WITH SLIDING PANEL SLIDING ALONG SIDELITE.
  2. SLIDING PANEL 'X' SHALL SLIDE ALONG INTERIOR SIDE.
  3. TRAFFIC PATTERN: TWO-WAY
  4. EMERGENCY BREAKAWAY CAPABILITY: INTERIOR SLIDING LEAF AND SIDELITE UNIT.

2.3 ALUMINUM DOORS AND FRAMES
- A. FRAMING MEMBERS: MANUFACTURER'S STANDARD EXTRUDED ALUMINUM REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS.
  1. THE SLIDING DOOR SYSTEM SHALL INCLUDE TWO INTERLOCKS SECURING THE LEADING STILE OF THE SIDELITE AND THE BUTT STILE OF THE SLIDING DOOR PANEL TOGETHER.
  2. VERTICAL STILES SHALL BE NARROW STILE 2 INCH.
  3. BOTTOM RAILS SHALL BE STANDARD 10 INCH.
  4. INTERMEDIATE MUNTIN RAIL SHALL BE 2 INCH
- B. ACCESSORIES:
  1. WEATHER-STRIPPING SHALL BE SLIDE-IN TYPE, REPLACEBLE PILE MOHAIR SEALS RETAINED BY THE ALUMINUM EXTRUSIONS. THE FOLLOWING TYPES OF WEATHER-STRIPPING ARE REQUIRED: COMPLEMENTING WEATHER-STRIPPING ON THE JOINING VERTICAL STILES OF THE SIDELITE AND SLIDING DOOR PANELS, COMPLEMENTING WEATHER-STRIPPING ON THE LEAD EDGE OF THE LOCK STILES OF BI-PARTING DOORS, SINGLE PILE WEATHER-STRIPPING BETWEEN THE CARRIER AND THE HEADER, SINGLE PILE WEATHER-STRIPPING ON THE LEAD EDGE STILE OF SINGLE SLIDE DOOR PANELS, DUAL PILE WEATHER-STRIPPING ON THE PIVOT STILE OF BREAKOUT SIDELITE PANELS, AND DUAL PILE WEATHER-STRIPPING ON THE BUTT STILE OF FIXED SIDELITE PANELS. BOTTOM RAILS SHALL BE PROVIDED WITH AN ADJUSTABLE NYLON SWEEP.
  2. THRESHOLD: MANUFACTURER'S STANDARD CONTINUOUS STANDARD TAPERED EXTRUSION DOUBLE BEVEL.
  3. HEADER: MANUFACTURER'S STANDARD ONE-PIECE EXTRUDED ALUMINUM HEADER WITH A REPLACEABLE ALUMINUM TRACK EXTENDING FULL WIDTH OF ENTRANCE UNIT. HEADER TO CONCEAL DOOR OPERATORS, CARRIER ASSEMBLIES, AND ROLLER TRACK; COMPLETE WITH HINGED ACCESS PANEL FOR SERVICE OF DOOR OPERATOR, AND CONTROLS.
  4. DOOR CARRIERS: MANUFACTURER'S STANDARD CARRIER ASSEMBLY THAT ALLOWS VERTICAL ADJUSTMENT.

2.4 SLIDING DOOR OPERATOR
- A. DOOR OPERATOR:
  1. ELECTRO-MECHANICAL CONTROLLED UNIT UTILIZING A HIGH-EFFICIENCY, ENERGY EFFICIENT, DC MOTOR REQUIRING A MAXIMUM OF 3.15 AMP CURRENT DRAW, ALLOWING 5 OPERATORS ON ONE 20 AMP CIRCUIT.
  2. A "SOFT-START" "SOFT-STOP" MOTOR DRIVING CIRCUIT SHALL BE PROVIDED FOR SMOOTH NORMAL OPENING AND RECYCLING.
  3. AUTOMATIC LOCK: AUTOMATICALLY LOCKS SLIDE FUNCTION OF DOOR WHEN IN CLOSED POSITION. ADDITIONAL POWER SUPPLY FOR AUTOLOCK NOT ACCEPTABLE.
     - a. AUTOLOCK FAIL SAFE: IF POWER FAILS THE LOCK DISENGAGES.
- B. MICROPROCESSOR CONTROL BOX:
  1. MODULAR CONTROL UNIT TO ALLOW FOR CHANGING TECHNOLOGY. FACTORY-ADJUSTED CONFIGURATION WITH OPENING AND CLOSING SPEEDS SET TO COMPLY WITH ANSI/BHMA A156.10 REQUIREMENTS AND ELECTRONIC DAMPENING TO REDUCE WEAR ON DRIVE TRAIN. CONTROL UNIT SHALL INCLUDE DIAGNOSTICS WITH THE ABILITY TO PRODUCE APPLICATION DATA.
  2. CONTROLLER FEATURES:
     - a. AUTOMATIC RESET UPON POWER UP.
     - b. MAIN FUSE PROTECTION.
     - c. ELECTRONIC SURGE PROTECTION.
     - d. INTERNAL POWER SUPPLY PROTECTION.
     - e. RESETABLE SENSOR SUPPLY FUSE PROTECTION.
     - f. MOTOR PROTECTION, OVER-CURRENT PROTECTION.
     - g. ADJUSTABLE OPENING AND CLOSING SPEEDS.
     - h. ADJUSTABLE BACK-CHECK AND LATCHING.
     - i. ADJUSTABLE BRAKING.
     - j. ADJUSTABLE HOLD-OPEN TIME BETWEEN 1 TO 30 SECONDS.
     - k. ADJUSTABLE REVERSING CIRCUIT WILL REOPEN DOOR UNIT IF CLOSING PATH IS OBSTRUCTED.
     - l. SEPARATE DAY AND NIGHT MODES OF OPERATION WITH SECURITY OVER-RIDE.
- C. SENSOR SYSTEM:
  1. ACTIVATION SENSOR: MICROWAVE OR ACTIVE INFRARED SENSOR SHALL BE HEADER-MOUNTED EACH SIDE OF DOOR UNIT FOR DETECTION OF TRAFFIC FROM EACH DIRECTION.
  2. PRESENCE SENSOR: HEADER MOUNTED SENSORS SHALL PROVIDE ACTIVE INFRARED PRESENCE DETECTION ON EACH SIDE OF THE DOOR UNIT AND SHALL REMAIN ACTIVE THROUGHOUT THE ENTIRE DOOR OPENING AND CLOSING CYCLE.
  3. HOLD-OPEN BEAMS: TWO PULSED INFRARED PHOTOELECTRIC BEAMS TO BE MOUNTED IN VERTICAL RAILS OF SIDELITE OR IN JAMBS. SENDER/RECEIVER ARRANGEMENT PARALLELS DOOR OPENING.

2.5 HARDWARE
- A. EMERGENCY BREAKAWAY FEATURE: PROVIDE RELEASE HARDWARE THAT ALLOWS PANEL(S) TO SWING OUT IN DIRECTION OF EGRESS TO FULL 90 DEGREES FROM ANY POSITION IN SLIDING MODE. INTERRUPT POWERED OPERATION OF PANEL OPERATOR WHILE IN BREAKAWAY MODE.
- B. CONTROL SWITCH: PROVIDE MANUFACTURER'S STANDARD HEADER MOUNTED ROCKER SWITCHES AND DOOR POSITION SWITCH TO ALLOW FOR FULL CONTROL OF THE AUTOMATIC ENTRANCE DOOR. CONTROLS TO INCLUDE, BUT ARE NOT LIMITED TO:
  1. ONE-WAY TRAFFIC
  2. REDUCED OPENING
  3. OPEN/CLOSED/AUTOMATIC
- C. ON/OFF SWITCH: WHEN SWITCHED OFF, UNIT REVERTS TO FREE MANUAL OPERATION (AND ALSO DURING ELECTRICAL POWER FAILURE)
- D. DEADLOCKS: MANUFACTURER'S STANDARD DEADBOLT OPERATED BY EXTERIOR CYLINDER AND INTERIOR THUMB TURN; WITH MINIMUM 1 INCH (25 MM) LONG THROW BOLT; ANSI/BHMA A156.5, GRADE 1.
  1. CYLINDERS: AS SPECIFIED IN DIVISION 8 SECTION "DOOR HARDWARE.", KEY ON EXTERIOR SIDE OF DOORS ONLY, THUMB-TURN ON INTERIOR SIDE.
  2. HOOK LATCH: LAMINATED-STEEL HOOK, MORTISE TYPE, BHMA A156.5, GRADE 1.

3.1 EXAMINATION
- A. EXAMINE CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES, HEADER SUPPORT, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF AUTOMATIC ENTRANCES. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 INSTALLATION
- A. GENERAL: DO NOT INSTALL DAMAGED COMPONENTS. FIT FRAME JOINTS TO PRODUCE HAIRLINE JOINTS FREE OF BURRS AND DISTORTION. RIGIDLY SECURE NON-MOVEMENT JOINTS. SEAL JOINTS WATERTIGHT.
  1. WHERE ALUMINUM WILL CONTACT DISSIMILAR METALS, PROTECT AGAINST GALVANIC ACTION BY PAINTING CONTACT SURFACES WITH PRIMER OR BY APPLYING SEALANT OR TAPE RECOMMENDED BY MANUFACTURER FOR THIS PURPOSE.
  2. WHERE ALUMINUM WILL CONTACT CONCRETE OR MASONRY, PROTECT AGAINST CORROSION BY PAINTING CONTACT SURFACES WITH BITUMINOUS PAINT.
- B. ACCESS-CONTROL DEVICES: CONNECT ACCESS-CONTROL DEVICES TO ACCESS-CONTROL SYSTEM AS SPECIFIED IN DIVISION 28 SECTIONS.

3.3 ADJUSTING
- A. READJUST DOOR OPERATORS AND CONTROLS AFTER REPEATED OPERATION OF COMPLETED INSTALLATION EQUIVALENT TO 3 DAY'S USE BY NORMAL TRAFFIC (100 TO 300 CYCLES). LUBRICATE HARDWARE, OPERATING EQUIPMENT, AND OTHER MOVING PARTS.
- B. OCCUPANCY ADJUSTMENTS: WHEN REQUESTED WITHIN 12 MONTHS OF DATE OF SUBSTANTIAL COMPLETION, PROVIDE ON-SITE ASSISTANCE IN ADJUSTING SYSTEM TO SUIT ACTUAL OCCUPIED CONDITIONS. PROVIDE AT LEAST TWO VISITS TO PROJECT DURING OTHER-THAN-NORMAL WORKING HOURS FOR THIS PURPOSE.

3.4 CLEANING AND PROTECTION
- A. CLEAN GLASS AND METAL SURFACES PROMPTLY AFTER INSTALLATION. REMOVE EXCESS GLAZING AND SEALANT COMPOUNDS, DIRT, AND OTHER SUBSTANCES. REPAIR DAMAGED FINISH TO MATCH ORIGINAL FINISH.

3.5 DEMONSTRATION
- A. ENGAGE A CERTIFIED INSPECTOR TO TRAIN OWNER'S MAINTENANCE PERSONNEL TO ADJUST, OPERATE, AND MAINTAIN AUTOMATIC ENTRANCES.

END OF SECTION 084229

SECTION 087100 - DOOR HARDWARE

1.1 SUBMITTALS
- A. PRODUCT DATA: INCLUDE CONSTRUCTION AND INSTALLATION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES.
- B. MAINTENANCE DATA: FOR EACH TYPE OF DOOR HARDWARE TO INCLUDE IN MAINTENANCE MANUALS. INCLUDE FINAL HARDWARE AND KEYING SCHEDULE.
- C. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.
- D. DOOR HARDWARE SETS: DETAILING FABRICATION AND ASSEMBLY OF DOOR HARDWARE, AS WELL AS PROCEDURES AND DIAGRAMS. COORDINATE THE FINAL DOOR HARDWARE SETS WITH DOORS , FRAMES, AND RELATED WORK TO ENSURE PROPER SIZE, THICKNESS, HAND, FUNCTION, AND FINISH OF DOOR HARDWARE.
  1. IDENTIFICATION NUMBER, LOCATION, HAND, FIRE RATING, AND MATERIAL OF EACH DOOR AND FRAME.
  2. TYPE, STYLE, FUNCTION, SIZE, QUANTITY, AND FINISH OF EACH DOOR HARDWARE ITEM. INCLUDE DESCRIPTION AND FUNCTION OF EACH LOCKSET AND EXIT DEVICE.
  3. COMPLETE DESIGNATIONS OF EVERY ITEM REQUIRED FOR EACH DOOR OR OPENING INCLUDING NAME AND MANUFACTURER.
  4. FASTENINGS AND OTHER PERTINENT INFORMATION.
  5. LOCATION OF EACH DOOR HARDWARE SET, CROSS-REFERENCED TO DRAWINGS, BOTH ON FLOOR PLANS AND IN DOOR AND FRAME SCHEDULE.
  6. EXPLANATION OF ABBREVIATIONS, SYMBOLS, AND CODES CONTAINED IN SCHEDULE.
  7. MOUNTING LOCATIONS FOR DOOR HARDWARE.
  8. DOOR AND FRAME SIZES AND MATERIALS.
  9. DESCRIPTION OF EACH ELECTRIFIED DOOR HARDWARE FUNCTION, INCLUDING LOCATION, SEQUENCE OF OPERATION, AND INTERFACE WITH OTHER BUILDING CONTROL SYSTEMS.
  10. LIST OF RELATED DOOR DEVICES SPECIFIED IN OTHER SECTIONS FOR EACH DOOR AND FRAME.
  11. KEYING SCHEDULE: DETAILING OWNER'S FINAL KEYING INSTRUCTIONS FOR LOCKS. INCLUDE SCHEMATIC KEYING DIAGRAM AND INDEX EACH KEY SET TO UNIQUE DOOR DESIGNATIONS.

1.2 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: AN EMPLOYER OF WORKERS TRAINED AND APPROVED BY LOCK MANUFACTURER.
  1. INSTALLER SHALL HAVE WAREHOSING FACILITIES IN PROJECT'S VICINITY AND SHALL HAVE A PERMANENT OFFICE STAFFED WITH PERMANENT EMPLOYEES LOCATED WITHIN A 150 MILE RADIUS OF NASHVILLE, TENNESSEE. INSTALLER'S EMPLOYEES SHALL INCLUDE AN ARCHITECTURAL HARDWARE CONSULTANT WHO SHALL BE AVAILABLE DURING NORMAL BUSINESS HOURS FOR HARDWARE CONSULTATION TO THE OWNER, ARCHITECT, AND CONTRACTOR.
  2. SCHEDULING RESPONSIBILITY: PREPARATION OF DOOR HARDWARE AND KEYING SCHEDULES.
- B. SOURCE LIMITATIONS: OBTAIN EACH TYPE AND VARIETY OF DOOR HARDWARE FROM A SINGLE MANUFACTURER.
- C. FIRE-RATED DOOR ASSEMBLIES: ASSEMBLIES COMPLYING WITH NFPA 80 THAT ARE LISTED AND LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE RATINGS INDICATED, BASED ON TESTING ACCORDING TO NFPA 253.
- D. KEYING CONFERENCE: INCORPORATE KEYING CONFERENCE DECISIONS INTO FINAL KEYING SCHEDULE AFTER REVIEWING DOOR HARDWARE KEYING SYSTEM WITH THE OWNER.

1.3 SPECIAL WARRANTY: MANUFACTURER'S STANDARD FROM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF DOOR HARDWARE THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
- A. WARRANTY PERIOD: THREE YEARS FROM DATE OF SUBSTANTIAL COMPLETION, EXCEPT AS FOLLOWS:
  1. EXIT DEVICES: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
  2. CLOSERS: 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

1.4 MAINTENANCE TOOLS AND INSTRUCTIONS: FURNISH A COMPLETE SET OF SPECIALIZED TOOLS AND MAINTENANCE INSTRUCTIONS AS NEEDED FOR OWNER'S CONTINUED ADJUSTMENT, MAINTENANCE, AND REMOVAL AND REPLACEMENT OF DOOR HARDWARE.

1.5 HINGES
- A. QUANTITY: PROVIDE THE FOLLOWING, UNLESS OTHERWISE INDICATED:
  1. TWO HINGES: FOR DOORS WITH HEIGHTS UP TO 60 INCHES.
  2. THREE HINGES: FOR DOORS WITH HEIGHTS 61 TO 90 INCHES.
  3. FOUR HINGES: FOR DOORS WITH HEIGHTS 91 TO 120 INCHES.
  4. FOR DOORS WITH HEIGHTS MORE THAN 120 INCHES, PROVIDE 4 HINGES, PLUS 1 HINGE FOR EVERY 30 INCHES OF DOOR HEIGHT GREATER THAN 120 INCHES.
- B. HINGE WEIGHT: UNLESS OTHERWISE INDICATED, PROVIDE THE FOLLOWING:
  1. ENTRANCE DOORS: HEAVY-WEIGHT HINGES.
  2. DOORS WITH CLOSERS: ANTIFRICTION-BEARING HINGES.
  3. INTERIOR DOORS: STANDARD-WEIGHT HINGES.
- C. HINGE BASE METAL: UNLESS OTHERWISE INDICATED, PROVIDE THE FOLLOWING:
  1. EXTERIOR HINGES: STAINLESS STEEL, WITH STAINLESS-STEEL PIN

SECTION 088000 - GLAZING

1.1 PERFORMANCE REQUIREMENTS.
- A. GLASS DESIGN: GLASS THICKNESS DESIGNATIONS INDICATED ARE MINIMUMS AND ARE FOR DETAILING ONLY. CONFIRM GLASS THICKNESSES BY ANALYZING PROJECT LOADS AND IN-SERVICE CONDITIONS. PROVIDE GLASS LITES IN THE THICKNESS DESIGNATIONS INDICATED FOR VARIOUS SIZE OPENINGS, BUT NOT LESS THAN THICKNESSES AND IN STRENGTHS (ANNEALED OR HEAT TREATED) REQUIRED TO MEET OR EXCEED THE FOLLOWING CRITERIA:
  1. GLASS THICKNESSES: SELECT MINIMUM GLASS THICKNESSES TO COMPLY WITH ASTM E 1300.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH GLASS PRODUCT AND GLAZING MATERIAL INDICATED.
- B. SAMPLES: FOR EACH TYPE OF PRODUCT, IN THE FORM OF 12-INCH-SQUARE SAMPLES FOR GLASS AND OF 12-INCH-LONG SAMPLES FOR SEALANTS. INSTALL SEALANT SAMPLES BETWEEN TWO STRIPS OF MATERIAL REPRESENTATIVE IN COLOR OF THE ADJOINING FRAMING SYSTEM.
- C. GLAZING SCHEDULE: USE SAME DESIGNATIONS INDICATED ON DRAWINGS FOR GLAZED OPENINGS IN PREPARING A SCHEDULE LISTING GLASS TYPES AND THICKNESSES FOR EACH SIZE OPENING AND LOCATION.

1.3 QUALITY ASSURANCE
- A. GLAZING FOR FIRE-RATED DOOR ASSEMBLIES: GLAZING FOR ASSEMBLIES THAT COMPLY WITH NFPA 80 AND THAT ARE LISTED AND LABELED BY A TESTING AND INSPECTION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE-PROTECTION RATINGS INDICATED, BASED ON TESTING ACCORDING TO NFPA 252..
- B. GLAZING FOR FIRE-RATED WINDOW ASSEMBLIES: GLAZING FOR ASSEMBLIES THAT COMPLY WITH NFPA 80 AND THAT ARE LISTED AND LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE RATING INDICATED, BASED ON TESTING ACCORDING TO NFPA 257.
- C. SAFETY GLAZING PRODUCTS: COMPLY WITH TESTING REQUIREMENTS IN 16 CFR 1201 AND, FOR WIRED GLASS, ANSI Z97.1.

1.4 WARRANTY
- A. MANUFACTURER'S SPECIAL WARRANTY ON LAMINATED GLASS: MANUFACTURER'S STANDARD FROM, MADE OUT TO OWNER AND SIGNED BY GLASS MANUFACTURER AGREEING TO REPLACE GLASS UNITS THAT DETERIORATE WITHIN SPECIFIED WARRANTY PERIOD INDICATED.
  1. WARRANTY PERIOD: FIVE (5) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
- B. MANUFACTURER'S SPECIAL WARRANTY ON INSULTING GLASS: MANUFACTURER'S STANDARD FROM, MADE OUT TO OWNER AND SIGNED BY INSULTING GLASS MANUFACTURER AGREEING TO REPLACE INSULTING-GLASS UNITS THAT DETERIORATE WITHIN SPECIFIED WARRANTY PERIOD INDICATED BELOW.
  1. WARRANTY PERIOD: TEN (10) YEARS FROM DATE OF SUBSTANTIAL COMPLETION FOR NON-FIRE-RATED GLAZING
  2. WARRANTY PERIOD: THREE (3) YEARS FROM DATE OF SUBSTANTIAL COMPLETION FOR FIRE-RATED GLAZING, MINIMUM.

1.5 FRAMING SYSTEMS
- A. FRAMING MEMBERS: MANUFACTURER'S STANDARD EXTRUDED ALUMINUM FRAMING MEMBERS OF THICKNESS REQUIRED AND REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS.

1.6 GLASS PRODUCTS
- A. LAMINATED GLASS: EXTERIOR STOREFRONT & WINDOWS SCHEDULE. SEE NOTE 4 ON A10.02 BELOW WINDOW SCHEDULE.
- B. CLEAR ANNEALED FLOAT GLASS: CLEAR FLOAT GLASS CONFORMING TO ASTM C 1036, TYPE I, QUALITY Q3.
- C. HEAT STRENGTHENED CLEAR FLOAT GLASS: AS SPECIFIED FOR CLEAR ANNEALED FLOAT GLASS EXCEPT HEAT STRENGTHENED CONFIRM T ASTM C 1048, KIND HS.
- D. TEMPERED CLEAR FLOAT GLASS: AS SPECIFIED FOR CLEAR ANNEALED FLOAT GLASS EXCEPT FULLY TEMERED TO CONFORM TO ASTM C 1048, KIND FT.
- E. ANNEALED TINTED FLOAT GLASS: GLARE REDUCING FLOAT GLASS CONFORMING TO ASTM C 1036, TYPE I, CLASS 2, QUALITY Q3, 1/4-INCH (6MM) THICK. COLOR: PPG "SOLEX", GREEN COLOR, OR EQUAL.
- F. HEAT STRENGTHENED TINTED FLOAT GLASS: AS SPECIFIED FOR ANNEALED TINTED FLOAT GLASS EXCEPT HEAT STRENGTHENED TO CONFIRM TO ASTM C 1048, KIND HS.
- G. TEMPERED TINTED FLOAT GLASS: AS SPECIFIED FOR ANNEALED TINTED FLOAT GLASS EXCEPT FULLY TEMPERED TO CONFIRM TO ASTM C 1048, KIND FT.
- H. CLEAR WIRE GLASS: 1/4-INCH (6MIN) THICK, CLEAR ROLLED GLASS CONFORMING TO ASTM C-1036, TYPE II (FLAT), CLASS I (WIRED AND POLISHED BOTH FACES), WIRED WITH WELDED POLISHED WIRES, 1/2-INCH (13 MM) x 1/2-INCH (13 MM) SQUARE PATTERN, SMOTH WIRES VERTICAL.
- I. INSULTING-GLASS UNITS, GENERAL: FACTORY-ASSEMBLED UNITS CONSISTING OF SEALED LITES OF GLASS SEPARATED BY A DEHYDRATED INTERSPACE.
  1. TWO PANES OF GLASS SEPARATED BY A DEHYDRATED 1/2-INCH AIR SPACE, AND HERMETICALLY SEALED.
  2. GLAZED SYSTEMS (INCLUDING FRAMES) SHALL BE ENERGY STAR LABELED PRODUCTS AS APPROPRIATE TO CLIMATE ZONE AND AS APPLICABLE TO WINDOW TYPE, WITH A WHOLE-WINDOW SOLAR HEAT GAIN COEFFICIENT (SHGC) MAXIMUM OF 0.40 DETERMINED ACCORDING TO NFRC 200 PROCEDURES. GLAZED PANELS AND CURTAIN WALLS SHALL HAVE A U-FACTOR MAXIMUM OF 0.75 BTU PER SQUARE FOOT x HR x DEGREE FW PER SQUARE M x K IN ACCORDANCE WITH NFRC 100.
  3. GLAZING SHALL MEET OR EXCEED A LUMINOUS EFFICACY OF 1.0.
  4. GLAZING PANELS SHALL BE RATED FOR NOT LESS THAN 35 SOUND TRANSMISSION CLASS (STC) WHEN TESTED FOR LABORATORY SOUND TRANSMISSION LOSS ACCORDING TO ASTM E 90 AND DETERMINED BY ASTM E 413.
  5. DIMENSIONAL TOLERANCES SHALL BE AS SPECIFIED IN SIGMA A1202. THE UNITS SHALL MEET CBA GRADE REQUIREMENT WHEN TESTED IN ACCORDANCE WITH ASTM E 773 AND ASTM E 774, CLASS A.
  6. SPACED SHALL BE BLACK, ROLL-FORMED, STEEL-REINFORCED BUTYL RUBBER WITH BENT OR TIGHTLY WELDED OR KEYED AND SEALED JOINTS TO COMPLETELY SEAL THE SPACER PERIPHERY AND ELIMINATE MOISTURE AND HYDROCARBON VAPOR TRANSMISSION INTO AIRSPACE THROUGH THE CORNERS.
  7. PRIMARY SEAL SHALL BE COMPRESSED POLYISOBUTYLENE AND THE SECONDARY SEAL SHALL BE A SPECIALLY FORMULATED SILICONE.
  8. PROVIDE KIND HS (HEAT-STRENGTHENED) FLOAT GLASS IN PLACE OF ANNEALED GLASS WHERE NEEDED TO RESIST THERMAL STRESSES INDUCED BY DIFFERENTIAL SHADING OF INDIVIDUAL GLASS LITES.
  9. PROVIDE KIND FT (FULLY TEMPERED) GLASS LITES WHERE SAFETY GLASS IS INDICATED.

1.7 GLAZING GASKETS
- A. DENSE COMPRESSION GASKETS:
  1. NEOPRENE, ASTM C 864.
  2. EPDM, ASTM C 864.
  3. SILICONE, ASTM C 1115.
  4. THERMOPLASTIC POLYOLEFIN RUBBER, ASM C 1115.
- B. SOFT COMPRESSION GASKETS: EXTRUDED OR MOLDED CLOSED-CELL, INTEGRAL-SKINNED GASKETS OF MATERIAL INDICATED BELOW; COMPLYING WITH ASTM C 509, TYPE II, BLACK; AND OF PROFILE AND HARDNESS REQUIRED TO MAINTAIN WATERTIGHT-SEAL:
  1. NEOPRENE.
  2. EPDM.
  3. SILICONE.
  4. THERMOPLASTIC POLYOLEFIN RUBBER.
- C. LOOK-STRIP GASKETS: NEOPRENE EXTRUSIONS IN SIZE AND SHAPE INDICATED, FABRICATED INTO FRAMES WITH MOLDED CORNER UNITS AND ZIPPER LOCK-STRIPS, COMPLYING WITH ASTM C 542, BLACK.

1.8 GLAZING SEALANTS
- A. ELASTOERIC GLAZING SEALANTS: COMPLY WITH ASTM C 920 FOR TYPE, GRADE, CLASS, AND USES RELATED TO EXPOSURE AND JOINT SUBSTRATES.
- B. GLAZING SEALANTS FOR FIRE-RESISTIVE GLAZING PRODUCTS: IDENTICAL TO PRODUCTS USED IN TEST ASSEMBLIES T OBTAIN FIRE-PROTECTION RATING

END OF SECTION 088000

SECTION 092216 - NON-STRUCTURAL METAL FRAMING

1.1 PRODUCT DATA: FOR EACH TYPE OF PRODUCT AND ACCESSORY USED. SPACINGS, SIZES, THICKNESSES, AND TYPES OF FRAMING; FABRICATION; AND FASTENING AND ANCHORAGE DETAILS, INCLUDING MECHANICAL FASTENERS.
- A. FIRE-TEST-RESPONSE CHARACTERISTICS: FOR FIRE-RESISTANCE-RATED ASSEMBLIES THAT INCORPORATE NON-LOAD-BEARING STEEL FRAMING, PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTME 119.
- B. STC-RATED ASSEMBLIES: FOR STC-RATED ASSEMBLIES, PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 90 AND CLASSIFIED TO ASTM E 413.

1.2 FRAMING MEMBERS, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED.
- 1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C645 REQUIREMENTS FOR METAL.
- 2. PROTECTIVE COATING: HOT-DIP GALVANIZED, UNLESS OTHERWISE INDICATED.

1.3 SUSPENSION SYSTEM COMPONENTS
- A. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH-DIAMETER WIRE, OR DOUBLE STRAND OF 0.0475-INCH DIAMETER WIRE.
- B. HANGER ATTACHMENTS TO CONCRETE:
  1. ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS AND CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO 5 TIMES THAT IMPOSED BY CONSTRUCTION.
  2. POWDER-ACTUATED FASTENERS: CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES THAT IMPOSED BY CONSTRUCTION.
- C. WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.162-INCH DIAMETER.
- D. FURRING CHANNELS (FURRING MEMBERS):
  1. COLD-ROLLED CHANNELS: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH-WIDE FLANGES, 3/4-INCH DEEP.
  2. HAT-SHAPED, RIDGED FURRING CHANNELS: ASTM C 645, 7/8-INCH DEEP.
  3. RESILIENT FURRING CHANNELS: 1/2-INCH DEEP MEMBERS DESIGNED TO REDUCE SOUND TRANSMISSION.
- E. GRID SYSTEM FOR CEILING: ASTM C 645, DIRECT-HUNG SYSTEM COMPOSED OF MAIN BEAMS AND CROSS-FURRING MEMBERS THAT INTERLOCK.

1.4 AUXILIARY MATERIALS
- A. GENERAL: PROVIDE AUXILIARY MATERIALS THAT COMPLY WITH REFERENCED INSTALLATION STANDARDS.
  1. FASTENERS FOR METAL FRAMING: OF TYPE, MATERIAL, SIZE, CORROSION RESISTANCE, HOLDING POWER, AND OTHER PROPERTIES REQUIRED TO FASTEN STEEL MEMBERS TO SUBSTRATES.
- B. ISOLATION STRIP AT EXTERIOR WALLS: PROVIDE THE FOLLOWING:
  1. FOAM GASKET: ADHESIVE-BACKED, CLOSED-CELL VINYL FOAM STRIPS THAT ALLOW FASTENER PENETRATION WITHOUT FOAM DISPLACEMENT, 1/8-INCH THICK, IN WIDTH TO SUIT STEEL STUD SIZE.

END OF SECTION 092216

SECTION 092900 - GYPSUM BOARD

1.1 PRODUCT DATA: CUT SHEETS FOR EACH TYPE OF PRODUCT INDICATED .
- A. SAMPLES: FOR THE FOLLOWING PRODUCTS:
  1. TRIM ACCESSORIES: FULL-SIZE SAMPLE IN 8-INCH LONG LENGTH FOR EACH TRIM ACCESSORY INDICATED.
  2. TEXTURED FINISHES: 8-INCH-SQUARE SAMPLE FOR EACH TEXTURED FINISH INDICATED AND ON SAME BACKING INDICATED FOR WORK.

1.2 QUALITY ASSURANCE
- A. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTME 119.
- B. STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 90 AND CLASSIFIED ACCORDING TO ASTM E 413.

1.3 INTERIOR GYPSUM BOARD
- A. GENERAL: COMPLYING WITH ASTM C 36 OR ASTM C 1396, AS APPLICABLE TO TYPE OF GYPSUM BOARD INDICATED AND WHICHEVER IS MORE STRINGENT.
- B. REGULAR TYPE: GYPSUM CORE PANEL SOLID SET CORE ENCLOSED IN PAPER.
  1. THICKNESS: 5/8-INCH OR AS NOTED ON DRAWINGS.
  2. LONG EDGES: TAPERED AND FEATURED (ROUNDED OR BEVELED) FOR PRE-FILLING.
- C. TYP X: GYPSUM CORE PANEL WITH A SPECIALLY FORMULATED CORE FOR USE IN FIRE-RESISTIVE TYPE X ASSEMBLIES.
  1. THICKNESS: 5/8-INCH MINIMUM OR AS NOTED ON DRAWINGS.
  2. LONG EDGES: TAPERED AND FEATURED (ROUNDED OR BEVELED) FOR PRE-FILLING.
- D. CEILING TYPE: MANUFACTURED TO HAVE MORE SAG RESISTANCE THAN REGULAR-TYPE GYPSUM BOARD.
  1. THICKNESS: 5/8-INCH MINIMUM OR AS NOTED ON DRAWINGS.
  2. LONG EDGES: TAPERED.
- E. ABUSE-RESISTANT TYPE: MANUFACTURED TO PRODUCE GREATER RESISTANCE TO SURFACE INDENTATION, THROUGH-PENETRATION (IMPACT RESISTANCE), AND ABRASION THAN STANDARD, REGULAR-TYPE AND TYPE X GYPSUM BOARD.
- F. MOISTURE-AND MOLD-RESISTANT TYPE: GYPSUM CORE PANEL WITH ENHANCED CORE FORMULATED FOR RESISTANCE TO MOISTURE AND MOLD; SURFACED WITH MOISTURE/MOLD RESISTANT PAPER ON FRONT, BACK, AND LONG EDGES.
  1. APPLICATION: BATHROOM AND TOILET WALLS (SPECIALLY ADJACENT TO TILE AREAS) AND CEILINGS; BETWEEN BASE AND UPPER CABINETS AT SINK AREAS; AND OTHER SIMILAR LOCATIONS PRONE TO MOISTURE EXPOSURE.
- G. FIRE-RATED GYPSUM SHAFT LINER BOARD: GYPSUM CORE SHAFT WALL PANEL WITH ENHANCED FIRE RESISTANT CORE. COMPLYING WITH ASTM C 1396 TYPE X

1.4 TRIM ACCESSORIES
- A. INTERIOR TRIM: ASTM C 1047. EXTRUDED ACCESSORIES OF PROFILES AND DIMENSIONS REQUIRED.
  1. MATERIAL: GALVANIZED OR ALUMINUM-COATED STEEL SHEET, ALUMINUM, ROLLED ZINC, OR PLASTIC.
  2. ALUMINUM: ALLOY AND TEMPER WITH NOT LESS THAN THE STRENGTH AND DURABILITY PROPERTIES OF ASTM B 221, ALLOY 6063-T5.
  3. FINISH: CORROSION-RESISTANT PRIMER COMPATIBLE WITH JOINT COMPOUND AND FINISH MATERIALS SPECIFIED.

1.5 JOINT TAPE
- A. JOINT TAPE: COMPLY WITH ASTM C 475/C 475M
  1. INTERIOR GYPSUM WALLBOARD: CROSS-FIBER PAPER.
  2. GLASS-MAT GYPSUM SHEATHING BOARD: 2-INCH SELF-ADHERING FIBERGLASS MESH.
- B. JOINT COMPOUND FOR INTERIOR GYPSUM WALLBOARD: USE FORMULATION THAT IS COMPATIBLE WITH OTHER COMPOUNDS FOR SUCCESSIVE COATS, AND APPROPRIATE FOR TAPE APPLICATION.

1.6 AUXILIARY MATERIALS
- A. LAMINATING ADHESIVE: ADHESIVE OR JOINT COMPOUND RECOMMENDED FOR DIRECTLY ADHERING GYPSUM PANELS TO CONTINUOUS SUBSTRATE.
  1. USE ADHESIVES THAT HAVE A VOC CONTENT OF 50 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- B. STEEL DRILL SCREWS: ASTM C 954 FOR FASTENING PANELS TO STEEL MEMBERS FROM 0.033 TO 0.112 INCH (0.84 TO 2.84 MM) THICK.
- C. SOUND ATTENUATION BLANKETS: ASTM C 665, TYPE I (BLANKETS WITHOUT MEMBRANE FACING) AS SPECIFIED IN DIVISIONS 09.

1.7 STC-RATED ASSEMBLIES: INSTALL ACOUSTICAL SEALANT AT BOTH FACES OF PARTITIONS AT PERIMETERS AND THROUGH PENETRATIONS. COMPLY WITH ASTM C 919 FOR CLOSING OFF SOUND-FLANKING PATHS AROUND OR THROUGH ASSEMBLIES, INCLUDING ABOVE ACOUSTICAL CEILINGS.

1.8 CONTROL JOINTS: INSTALL CONTROL JOINTS ACCORDING TO ASTM C 840 AND IN SPECIFIC LOCATIONS APPROVED BY OWNER FOR VISUAL EFFECT.

END OF SECTION 092900

SECTION 093000 - TILE

1.1 PERFORMANCE REQUIREMENTS.
- A. STATIC COEFFICIENT OF FRICTION: FOR TILE INSTALLED ON WALKWAY SURFACES, PROVIDE PRODUCTS WITH THE FOLLOWING VALUES AS DETERMINED BY TESTING IDENTICAL PRODUCTS PER ASTM C 1028:
  1. LEVEL SURFACES: MINIMUM 0.6.
  2. STEP TREADS: MINIMUM 0.6.
  3. RAMP SURFACES: MINIMUM 0.8.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. SAMPLES FOR VERIFICATION: PROVIDE THREE (3) SAMPLES EACH OF:
  1. FULL-SIZE UNITS OF EACH TYPE OF TILE REQUIRED.
  2. FULL-SIZE UNITS OF EACH TYPE OF TRIM AND ACCESSORY FOR EACH COLOR AND FINISH REQUIRED.
  3. MINIMUM 4-INCH SAMPLE OF GROUT FOR EACH COLOR AND TYPE REQUIRED.
  4. MINIMUM 4-INCH SAMPLE OR EACH TYPE AND COLOR OF SOLID THRESHOLD REQUIRED.

1.3 QUALITY ASSURANCE
- A. IN ADDITION TO COMPLYING WITH ALL APPLICABLE CODES AND REGULATIONS, COMPLY WITH THE FOLLOWING:
  1. "HAND BOOK FOR CERAMIC TILE INSTALLATION" (LATEST EDITION) AS PUBLISHED BY THE TILE COUNCIL OF AMERICA, INC.
  2. "RECOMMENDED STANDARD SPECIFICATIONS FOR CERAMIC TILE" AS PUBLISHED BY THE TILE COUNCIL OF AMERICA, INC.
- B. SOURCE LIMITATIONS FOR TILE: OBTAIN ALL TILE OF SAME TYPE AND COLOR OF FINISH FROM ONE SOURCE OF PRODUCER, FROM SAME PRODUCTION RUN AND OF CONSISTENT QUALITY IN APPEARANCE FOR EACH CONTIGUOUS AREA.

1.4 EXTRA MATERIALS
- A. FURNISH EXTRA MATERIALS THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED CLEARLY WITH LABELS DESCRIBING CONTENTS.
  1. FURNISH MATERIALS EQUAL TO A MINIMUM OF 2 PERCENT OF AMOUNT INSTALLED, FOR EACH TYPE, COMPOSITION, COLOR, PATTERN, AND SIZE OF MATERIAL.

1.5 TILE PRODUCTS
- A. PORCELAIN TILE: PLANK-SHAPED WITH WOOD-GRAIN LOOK, NOT LESS THAN 3"X24" AND NOT LARGER THAN 9"x 36" . SEE HOME 2 SUITES FINISH STANDARDS FOR SELECTIONS.

1.6 THRESHOLDS
- A. GENERAL: PROVIDE SIZES AND PROFILES INDICATED OR REQUIRED TO PROVIDE TRANSITION BETWEEN ADJACENT FLOOR FINISHES.
  1. BEVEL EDGES AT 1:2 SLOPE, ALIGNING LOWER EDGE OF BEVEL WITH ADJACENT FLOOR FINISH. LIMIT HEIGHT OF BEVEL TO 1/4-INCH OR LESS, AND FINISH BEVEL TO MATCH FACE OF THRESHOLD.
- B. ALUMINUM THRESHOLDS: PROVIDE SCHLUTER SCHIENE WHER ADJACENT FLOOR FINISHES ARE APPROXIMATELY EQUAL HEIGHT; PROVIDE SCHLUTER RENU-U AT DIFFERING FLOOR FINISH HEIGHTS.

1.7 WATERPROOFING AND CRACK-SUPPRESSION MEMBRANES FOR THIN TILE INSTALLATIONS
- A. GENERAL: MANUFACTURER'S STANDARD PRODUCT THAT COMPLIES WITH ANSI A118.10
- B. POLYETHYLENE-SHEET PRODUCT: POLYETHYLENE FACED ON BOTH SIDES WITH FLEECE WEBBING FOR ADHERING TO LATEX-PORTLAND CEMENT MORTAR; 0.008-INCH (0.203 MM) NOMINAL THICKNESS.
- C. FABRIC-REINFORCED, FLUID-APPLIED PRODUCT: SYSTEM CONSISTING OF LIQUID-LATEX RUBBER AND FABRIC REINFORCEMENT.

1.8 SETTING AND GROUTING MATERIALS
- A. PORTLAND CEMENT MORTAR (THICKSET) INSTALLATION MATERIALS: ANSI A 108.1A AND AS SPECIFIED BELOW:
  1. CLEAVAGE MEMBRANE: ASPHALT FELT, ASTM D 226, TYPE I (No. 15); OR POLYETHYLENE SHEETING, ASTM D 4397, 4.0 MILS THICK.
  2. REINFORCING WIRE FABRIC: GALVANIZED, WELDED WIRE FABRIC, 2 BY 2 INCHES BY 0.062-INCH DIAMETER; COMPLY WITH ASTM A 185 AND ASTM A 82 EXCEPT FOR MINIMUM WIRE SIZE.
  3. LATEX ADDITIVE: ACRYLIC RESIN OR STYRENE-BUTADIENE-RUBBER WATER EMULSION, SERVING AS REPLACEENT FOR PART OR ALL OF GAGGING WATER, OF TYPE SPECIFICALLY RECOMMENDED BY LATEX-ADDITIVE MANUFACTURER FOR USE WITH FIELD-MIXED PORTLAND CEMENT AND AGGREGATE MORTAR BED.
- B. LATEX-PORTLAND CEMENT MORTAR(THIN SET): ANSI A 118.4, CONSISTING OF THE FOLLOWING:
  1. PREPACKAGED DRY-MORTAR MIX CONTAINING DRY, RE-DISPERSIBLE, ETHYLENE VINYL ACETATE ADDITIVE TO WHICH ONLY WATER MUST BE ADDED AT PROJECT SITE
     - a. FOR WALL APPLICATIONS, PROVIDE NON-SAGGING MORTAR THAT COMPLIES WITH ANSI A118.4.
- C. STANDARD SANDED CEMENT GROUT: ANSI A118.6, COLOR AS INDICATED.
- D. STANDARD UN-SANDED CEMENT GROUT: ANSI A118.6, COLOR AS INDICATED.

1.9 ELATOMERC SEALANTS
- A. ONE-PART, MILDEW-RESISTANT SILICONE SEALANT: ASTM C 920; TYPE S; GRADE NS; CLASS 25; USES NT, G, A, AND, AS APPLICABLE TO NON-POROUS JOINT SUBSTRATES INDICATED, O; FORMULATED WITH FUNGICIDE, INTENDED FOR SEALING INTERIOR CERAMIC TILE JOINTS AND OTHER NON-POROUS SUBSTRATES THAT ARE SUBJECT TO IN-SERVICE EXPOSURES OF HIGH HUMIDITY AND EXTREME TEMPERATURES.
- B. MULTIPART, POURABLE URETHANE SEALANT FOR USE T: ASTM C 920; TYPE M; GRADE P; CLASS 25; USES T, M, A, AND , AS APPLICABLE TO JOINT SUBSTRATES INDICATED, O.

1.10 CEMENTITIOUS BACKER UNITS
- A. PROVIDE CEMENTITIOUS BACKER UNITS COMPLYING WITH ANSI A118.9 IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT JOINTS.
  1. THICKNESS: 1/2-INCH
  2. WIDTH: MANUFACTURER'S STANDARD WIDTH, BUT NOT LESS THAN 32 INCHES.

1.11 MISCELLANEOUS MATERIAL
- A. TROWELABLE UNDERLAYMENTS AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY MANUFACTURER OF TILE-SETTING MATERIALS FOR INSTALLATIONS INDICATED.
- B. METAL EDGE STRIPS: ANGLE OR L-SHAPE, HEIGHT TO MACH TILE AND SETTING-BED THICKNESS, METALIC OR COMBINATION OF METAL AND PVC OR NEOPRENE BASE. DESIGNED SPECIFICALLY FOR FLOORING APPLICATIONS, EXPOSED-EDGE MATERIAL.
- C. TILE CLEANER: A NEUTRAL CLEANER CAPABLE OF REMOVING SOIL AND RESIDUE WITHOUT HARMING TILE AND GROUT SURFACES, SPECIFICALLY APPROVED FOR MATERIALS AND INSTALLATIONS INDICATED BY TILE AND GROUT MANUFACTURERS.
- D. GROUT SEALER: MANUFACTURER'S STANDARD PRODUCT FOR SEALING GROUT JOINTS THAT DOES NOT CHANGE COLOR OR APPEARANCE OF GROUT.

1.12 EXAMINATION
- A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS WHERE TILE WILL BE INSTALLED, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF INSTALLED TILE.
  1. VERIFY THAT INSTALLATION OF GROUNDS, ANCHORS, RECESSED FRAMES, ELECTRICAL AND MECHANICAL UNITS OF WORK, AND SIMILAR ITEMS LOCATED IN OR BEHIND TILE HAS BEEN COMPLETED BEFORE INSTALLING TILE.
  2. VERIFY THAT JOINTS AND CRACKS IN TILE SUBSTRATES ARE COORDINATED WITH TILE JOINTS LOCATIONS.

1.13 INSTALLATION, GENERAL
- A. EXTEND TILE WORK INTO RECESSES AND UNDER OR BEHIND EQUIPMENT AND FIXTURES TO FORM COMPETE COVERING WITHOUT INTERRUPTIONS, UNLESS OTHERWISE INDICATED.
- B. EXPANSION JOINTS: LOCATE EXPANSION JOINTS AND OTHER SEALANT-FILLED JOINTS, INCLUDING CONTROL, CONTRACTION, AND ISOLATION JOINTS, WHERE INDICATED DURING INSTALLATION OF SETTING MATERIALS, MORTAR BEDS, AND TILE. DO NOT SAW-CUT JOINTS AFTER INSTALLING TILES.

1.14 WATERPROOFING AND CRACK-SUPPRESSION MEMBRANE INSTALLATION
- A. INSTALL WATERPROOFING TO COMPLY WITH ANSI A108.13 AND WATERPROOFING MANUFACTURER'S WRITTEN INSTRUCTIONS TO PRODUCE WATERPROOF MEMBRANE OF UNIFORM THICKNESS BONDED SECURELY TO SUBSTRATE.
- B. DO NOT INSTALL TILE OVER WATERPROOFING UNTIL WATERPROOFING HAS CURED AND BEEN TESTED TO DETERMINE THAT IT IS WATERTIGHT.

1.15 FLOOR TILE INSTALLATION
- A. JOINT WIDTHS: INSTALL TILE ON FLOORS WITH THE FOLLOWING JOINT WIDTHS:
  1. CERAMIC MOSAIC TILE: 1/16-INCH.
  2. OTHER CERAMIC TILE: 1/8-INCH.
  3. QUARRY TILE: 1/4-INCH.
- B. GROUT SEALER: APPLY GROUT SEALER TO GROUT JOINTS ACCORDING TO GROUT-SEALER MANUFACTURE'S WRITTEN INSTRUCTIONS.

1.16 WALL TILE INSTALLATION
- A. JOINT WIDTHS: INSTALL TILE ON WALLS WITH THE FOLLOWING JOINT WIDTHS:
  1. CERAMIC MOSIC TILE: 1/16-INCH.
  2. GLAZED WALL TILE: 1/8-INCH.

1.17 CLEANING AND PROTECTING
- A. CLEANING:
  1. ON COMPLETION OF PLACEMENT AND GROUTING, CLEAN ALL CERAMIC TILE SURFACES SO THEY ARE FREE OF FOREIGN MATTER.
  2. CLEAN GROUT SMEARS AND HAZE FROM TILE ACCORDING TO TILE AND GROUT MANUFACTURER'S WRITTEN INSTRUCTIONS, BUT NO SOONER THAN 10 DAYS AFTER INSTALLATION
  3. TRAP AND REMOVE COATING TO PREVENT IT FROM CLOGGING DRAINS.
- B. PROTECT INSTALLED TILE WORK WITH KRAFT PAPER OR OTHER HEAVY COVERING DURING CONSTRUCTION PERIOD TO PREVENT STAINING DAMAGE, AND WATER.
- C. PROHIBIT FOOT AND WHEEL TRAFFIC FROM TILED FLOORS FOR AT LEAST SEVEN DAYS AFTER GROUTING IS COMPLETED
- D. BEFORE FINAL INSPECTION, REMOVE PROTECTIVE COVERINGS AND RINSE NATURAL CLEANER FROM TILE SURFACES.

END OF SECTION 093000

SECTION 095123 - ACOUSTICAL TILE CEILINGS

1.1 PRODUCT DATA: CUT SHEETS AND INSTALLATION DATA FOR EACH TYPE OF PRODUCT INDICATED.
- A. COORDINATE LAYOUT AND INSTALLATION OF ACOUSTICAL TILES AND SUSPENSION SYSTEM WITH OTHER CONSTRUCTION THAT PENETRATES CEILINGS OR IS SUPPORTED BY THEM, INCLUDING LIGHT FIXTURES, HVAC EQUIPMENT, FIRE-SUPPRESSION SYSTEM, AND PARTITION ASSEMBLIES.

1.2 WARRANTY
- A. ACOUSTICAL PANEL: SUBMIT A WRITTEN WARRANTY EXECUTED BY THE MANUFACTURER, AGREEING TO REPAIR OR REPLACE ACOUSTICAL PANELS THAT FAIL WITHIN THE WARRANTY PERIOD.
- B. WARRANTY PERIOD:
  1. ACOUSTICAL PANEL: ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
  2. GRID: TEN (10) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

1.3 ACOUSTICAL TILES, GENERAL
- A. ACOUSTICAL TILE STANDARD: PROVIDE MANUFACTURER'S STANDARD TILES THAT COMPLY WITH ASTM E 1264 CLASSIFICATIONS AS DESIGNATED BY TYPES, PATTERNS, ACOUSTICAL RATINGS, AND LIGHT REFLECTANCES.

1.4 ACOUSTICAL TILES
- A. PRODUCT: FOR TYPICAL DRY ENVIRONMENT AREAS, PROVIDE ONE OF THE FOLLOWING UNLESS OTHERWISE INDICATED ON FINISH SCHEDULES:
  1. "CIRRUS 572" BY ARMSTRONG WORLD INDUSTRIES
  2. "FROST" BY USG CORP.
  3. OR APPROVED EQUAL.
- B. PRODUCT: FOR WET ROOM OR HIGH HUMIDITY AREAS, PROVIDE ONE OF THE FOLLOWING UNLESS OTHERWISE INDICATED ON FINISH SCHEDULES:
  1. "CLEAN ROOM VL" BY ARMSTRONG WORK INDUSTRIES (FOR WET AREAS)
  2. "HALCYON CILMAPLUS" BY USG CORP. (FOR WET AREAS)
  3. OR APPROVED EQUAL.
- C. CLASSIFICATION: PROVIDE TILES COMPLYING WITH ASTM E 1264 FOR TYPE, FROM, AND PATTERN AS FOLLOWS:
  1. TYPE III, MINERAL BASE WITH PAINTED FINISH; WET-FORMED
- D. COLOR: WHITE, UNLESS OTHERWISE NOTED ON FINISH SCHEDULES.
- E. EDGE/JOINT DETAIL: SQUARE
- F. THICKNESS: 5/8" MINIMUM
- G. MODULAR SIZE: 24" x 24" OR 24" x 48" AS INDICATED ON DRAWINGS.

1.5 METAL SUSPENSION SYSTEMS, GENERAL
- A. METAL SUSPENSION SYSTEM STANDARD: PROVIDE MANUFACTURER'S STANDARD METAL SUSPENSION SYSTEMS OF TYPES, STRUCTURAL CLASSIFICATIONS, AND FINISHES INDICATED THAT COMPLY WITH APPLICABLE REQUIREMENTS IN ASTM C 635.
- B. ATTACHMENT DEVICES: SIZE OF FIVE TIMES THE DESIGN LOAD INDICATED IN ASTM C 635, TABLE 1, "DIRECT HUNG,"UNLESS OTHERWISE INDICATED, COMPLY WITH SEISMIC DESIGN REQUIREMENTS.
- C. WIRE HANGERS, BRACES, AND TIES: PROVIDE WI

SECTION 099300 - STAINING AND TRANSPARENT FINISHING

1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.
B. SAMPLES: FOR EACH TYPE OF FINISH SYSTEM AND IN EACH COLOR AND GLOSS OF FINISH INDICATED. SUBMIT SAMPLES ON REPRESENTATIVE SAMPLES OF ACTUAL WOOD SUBSTRATES, 8 INCHES SQUARE.
1.2 QUALITY ASSURANCE
A. MASTER PAINTERS INSTITUTE STANDARDS.
B. ARCHITECTURAL WOODWORK INSTITUTE (AWI).
1. STANDARD: COPLY WITH AWI SECTION 900.
2. GRADE: CUSTOM.
1.3 PROJECT CONDITIONS
A. DO NOT APPLY EXTERIOR FINISHES IN SNOW, RAIN, FOG, OR MIST; WHEN RELATIVE HUMIDITY EXCEEDS 85 PERCENT; AT TEMPERATURES LESS THAN 5 DEG F ABOVE THE DEW POINT; OR TO DAMP OR WET SURFACES.
1.4 EXTRA MATERIALS
A. FURNISH EXTRA MATERIALS DESCRIBED BELOW THAT ARE FROM SAME PRODUCTION RUN (BATCH MIX) AS MATERIALS APPLIED AND THAT ARE PACKAGED FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS.
1. QUANTITY: FURNISH AN ADDITIONAL 5 PERCENT, BUT NOT LESS THAN 1 GAL. OF EACH MATERIAL AND COLOR APPLIED.
1.5 MANUFACTURES
A. AVAILABLE MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
1. PORTER PAINTS
2. SHERWIN-WILLIAMS
3. BENJAMINE-MOORE
4. OR APPROVED EQUAAL.
1.6 MATERIAL, GENERAL
A. MATERIAL COMPATIBILITY:
1. PROVIDE MATERIALS FOR USE WITHIN EACH SYSTEM THAT ARE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE.
2. FOR EACH COAT IN A FINISH SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN FINISH SYSTEM AND ON SUBSTRATE INDICATED.
B. STAIN COLORS: AS SELECTED BY THE ARCHITECT FROM MANUFACTURER'S FULL RANGE.
C. STAINS SHALL BE FACTORY MIXED. FIELD MIX COATINGS IN PASTE OR POWDER FORM ARE NOT ALLOWED. STAIN MATERIAL SHALL BE APPLIED FULL STRENGTH; THINNING IS NOT ALLOWED.
1.7 SHOP FINISHING
A. QUALITY STANDARD: COMPLY WITH AWI SECTION 1500, UNLESS OTHERWISE INDICATED.
B. REFER TO DIVISION 9 SECTION "PAINTING " FOR FINISHING OPAQUE FINISHING.
C. TRANSPARENT FINISH: COMPLY WITH REQUIREMENTS INDICATED BELOW:
1. GRADE: CUSTOM
2. AWI FINISH SYSTEM TR-6: CATALYZED POLYURETHANE.
3. STAINING: MATCH APPROVED SAMPLE FOR COLOR.
4. WASH COAT FOR STAINED FINISH: APPLY A VINYL WASH COAT TO WOODWORK MADE FROM CLOSED-GRAIN WOOD BEFORE STAINING AND FINISHING.
5. OPEN FINISH FOR OPEN-GRAIN WOODS: DO NOT APPLY FILLER TO OPEN-GRAIN WOODS.
1.8 INTERIOR WOOD-FINISH SYSTEMS
A. FINISH CARPENTRY:
1. CLEAR POLYURETHANE OVER STAIN SYSTEM:
a. STAIN COAT: INTERIOR WOOD STAIN (SEMI-TRANSPARENT)
b. SANDING SEALER (CLEAR)
c. TWO FINISH COATS: MOISTURE-CURED CLEAR POLYURETHANE (GLOSS).
1.9 EXTERIOR WOOD-FINISH SYSTEMS
A. EXPOSED WOOD BEAMS:
1. CLEAR, TWO-COMPONENT POLYURETHANE OVER STAIN SYSTEM: MPI EXT 6.1E.
a. STAIN COAT: EXTERIOR SEMITRANSPERENT STAIN (SOLVENT BASED).
b. THREE FINISH COATS: TWO-COMPONENT ALIPHATIC POLYURETHANE (CLEAR).
1.10 STAINS AND TRANSPARENT FINISHES
A. WOOD FILLERS
1. WOOD FILLER PASTE: MPI #91.
B. PRIMERS AND SEALERS
1. ALKYD SANDING SEALER: MPI #102
2. LACQUER SANDING SEALER: MPI #84.
C. STAINS
1. INTERIOR WOOD STAIN (SEMITRANSPARENT): MPI #90.
D. POLYURETHANE FINISHES
1. TWO-COMPONENT ALIPHATIC POLYURETHANE (CLEAR): MPI #78.
1.11 EXAMINATION
A. EXAMINE SUBSTRATES AND CONDITIONS, WITH APPLICATOR PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR MAXIMUM MOISTURE CONTENT AND OTHER CONDITIONS AFFECTING PERFORMANCE OF WORK.
1. MAXIMUM MOISTURE CONTENT OF WOOD SUBSTRATES: 15 PERCENT WHEN MEASURED WITH AN ELECTRONIC MOISTURE METER.
1.12 CLEANING AND PROTECTION
A. AT END OF EACH WORKDAY, REMOVE RUBBISH, EMPTY CANS, RAGS, AND OTHER DISCARDED MATERIALS FROM PROJECT SITE.
B. AT COMPLETION OF CONSTRUCTION ACTIVITIES OF OTHER TRADES, TOUCH UP AND RESTORE DAMAGED OR DEFACED FINISHED WOOD SURFACES.

END OF SECTION 099300

SECTION 101400 - SIGNAGE

1.1 ADA - ABA ACCESSIBILITY GUIDELINES: U.S. ARCTHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S "AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES."
1.2 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED FOR PLAQUES AND WAY FINDING SIGNAGE AS REQUIRED BY OWNER AND THE ADA-ABA ACCESSIBILITY GUIDELINES.
B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR SIGNS.
1. SHOW SIGN MOUNTING HEIGHTS, LOCATIONS OR SUPPLEMENTARY SUPPORTS TO BE PROVIDED BY OTHERS, AND ACCESSORIES.
2. PROVIDE MESSAGE LIST, TYPE-STYLES, GRAPHIC ELEMENTS, INCLUDING TACTILE CHARACTERS AND BRAILLE, AND LAY OUT FOR EACH SIGN.
C. SAMPLES FOR INITIAL SELECTION: MANUFACTURER'S COLOR CHARTS CONSISTING OF ACTUAL UNITS OR SECTIONS OF UNITS SHOWING THE FULL RANGE OF COLORS AVAILABLE.
D. SAMPLES FOR VERIFICATION: FOR EACH PRODUCT:
1. SAMPLE PLAQUE 6 INCHES SQUARE.
2. DIMENSIONAL CHARACTERS: FULL-SIZE SAMPLES OF EACH TYPE OF DIMENSIONAL CHARACTER (LETTER, NUMBER, AND GRAPHIC ELEMENT).
E. SIGN SCHEDULE AND LOCATION KEY DRAWINGS.
1.3 MATERIALS
A. ALL SIGNAGE MATERIALS SHALL BE IMPERVIOUS TO MOST ACIDS, ALKALIES, ALCOHOL, SOLVENTS, ABRASIVES AND BOILING WATER; APPROXIMATELY 1/8" THICK (1/4" THICK FOR SLOT SIGNS), WITH CORE PAINTED A CONTRASTING COLOR AND RATED NON-STATIC, FIRE-RETARDANT AND SELF-EXTINGUISHING.
B. SIGNAGE SHALL BE MOLDED COMPLETE UNITS. TACTILE CHARACTERS/SYMBOLS SHALL BE RAISED 1/32" FROM SIGN PLATE FACE. TEXT SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE.
1. TWO PART, HIGH-DENSITY URETHANE.
2. MELAMINE PLASTIC LAMINATE.
3. ACRYLIC PHOTOPOLYMER DIRECTLY ADHERED TO A PHENOLIC SIGN BASE.
C. PROVIDE GRAPHICALLY PRECISE, UNIFORMLY OPAQUE CHARACTERS TO CONFORM TO RELEVANT ADA ACCESSIBILITY GUIDELINES AND REQUIREMENTS INDICATED FOR SIZE, STYLE, SPACING, CONTENT, POSITION, AND COLOR AND CONTRAST.
D. ALL SIGNAGE TO COMPLY WITH HOME2 DESIGN GUIDELINES. PROVIDE ALL PERMANENT SIGNAGE INDICATED, INCLUDING DIRECTIONAL SIGNAGE, RESTROOM SIGNAGE, FOOD AND BEVERAGE AREA SIGNAGE, FITNESS CENTER AND POOL AREA SIGNAGE, GUEST ROOM SIGNAGE, AND EXTERIOR SIGNAGE.
1.4 ACCESSORIES
A. ANCHORS AND INSERTS: PROVIDE NON-FERROUS-METAL OR HOT-DIP GALVANIZED ANCHORS AND INSERTS WHERE REQUIRED FOR CORROSION RESISTANCE. USE TOOTHED STEEL OR LEAD EXPANSION-BOLT DEVICES FOR DRILLED-IN-PLACE ANCHORS. FURNISH INSERTS, AS REQUIRED, TO BE SET INTO CONCRETE OR MASONRY WORK.
1. PROMINENT MECHANICAL FASTENERS ON THE FACE OF THE SIGNAGE SHOULD NOT BE USED DUE TO POTENTIAL INJURY OR CONFUSION TO THE VISUALLY IMPAIRED INDIVIDUAL.
B. ADHESIVES: PRESSURE SENSITIVE ADHESIVE OR HIGH GRADE INDUSTRIAL SILICONE ADHESIVE AS RECOMENDED BY THE ADHESIVE MANUFACTURER FOR THE SUBSTRATES SHOWN.

END OF SECTION 101400

SECTION 102600 -WALL PROTECTION

1.1 SUMMARY
A. THIS SECTION INCLUDES THE FOLLOWING:
1. CORNER GUARDS.
2. DOOR-PROTECTION SYSTEMS.
1.2 SUBMITTALS
A. PRODUCT DATA: INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, IMPACT STRENGTH, FIRE-TEST-RESPONSE CHARACTERISTICS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR EACH IMPACT-RESISTANT WALL-PROTECTION UNIT.
B. SHOP DRAWINGS FOR EACH IMPACT-RESISTANT WALL-PROTECTION UNIT SHOWING LOCATIONS AND EXTENT. INCLUDE SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
C. SAMPLES: FOR EACH TYPE OF IMPACT-RESISTANT WALL-PROTECTION UNIT INDICATED.
D. MAINTENANCE DATA: FOR EACH IMPACT-RESISTANT WALL-PROTECTION UNIT TO INCLUDE IN MAINTENANCE MANUALS.
E. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.
1.3 PROJECT CONDITIONS
A. FIELD MEASUREMENTS: VERIFY ACTUAL LOCATIONS OF WALLS, COLUMNS, AND OTHER CONSTRUCTION CONTIGUOUS WITH IMPACT-RESISTANT WALL-PROTECTION UNITS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
1.4 WARRANTY
A. SPECIAL WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGRESS TO REPAIR OR REPLACE COMPONENTS OF IMPACT-RESISTANT WALL-PROTECTION UNITS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
1. WARRANTY PERIOD: FIVE (5) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
1.5 EXTRA MATERIALS
A. FURNISH EXTRA MATERIALS DESCRIBED BELOW THAT MATCH PRODUCTS INSTALLED AND THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS.
1. CORNER-GUARD COVERS: FULL-SIZE PLASTIC COVERS OF MAXIMUM LENGTH EQUAL TO 2 PERCENT OF EACH TYPE, COLOR, AND TEXTURE OF UNITS INSTALLED, BUT NO FEWER THAN TWO UNITS.
B. INCLUDE MOUNTING AND ACCESSORY COMPONENTS. REPLACEMENT MATERIALS SHALL BE FROM SAME PRODUCTION RUN AS INSTALLED UNITS.
2.1 MANUFACTURERS
A. PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
1. "ACROVYN" BY CONSTRUCTION SPECIALITIES INC (THE CS GROUP).
2. TEPROMARK INTERNATIONAL DIVISION OF BALCO, INC.
3. WALL PROTECTION SYSTEMS DIVISION OF PRO TEK SYSTEMS OF FLORIDA, INC.
4. OR APPROVED EQUAL.
B. BASIS OF DESIGN: C/S GROUP'S MODEL FS-20N, 90° FLUSH MOUNTED CORNER GUARD WITH 3"LEGS AND 1/4" RADIUSED COVER. COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD SOLID COLORS.
C. ENGINEERED PETG CORNER GUARDS TO BE ACROVYN 4000 BY CONSTRUCTION SPECIALITIES OR EQUAL: WITH SNAP-ON ACROVYN 4000 COVER. RETAINER TO BE TAPED AND SPACKLED INTO ADJACENT DRYWALL.
D. FOR FIRE RATED WALL LOCATIONS, PROVIDE RATED MODELS, FS-20RN 1HR OR 2HR AS REQUIRED.
3.01 PREPARATION
A. SURFACE PREPARATION: PRIOR TO INSTALLATION, CLEAN SUBSTRATE TO REMOVE DIRT, DEBRIS AND LOOSE PARTICLES, PERFORM ADDITIONAL PREPARATION PROCEDURES AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS.
3.02 INSTALLATION
A. INSTALL THE WORK OF THIS SECTION IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, USING ONLY APPROVED MOUNTING HARDWARE, AND LOCATIONG ALL COMPONENTS FIRMLY INTO POSITION, LEVEL AND PLUMB.
B. TEMPERATURE AT THE TIME OF INSTALLATION MUST BE BETWEEN 65°-75° F (18° -24° C) AND BE MAINTAINED FOR AT LEAST 48 HOURS AFTER THE INSTALLATION.
3.03 CLEANING
A. GENERAL: IMMEDIATELY UPON COMLETION OF INSTALLATION, CLEAN GUARDS AND ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED CLEANING METHOD.
B. REMOVE SURPLUS MATERIALS, RUBBISH AND DEBRIS RESULTING FROM INSTALLATION AS WORK PROGRESSES AND UPON COMPLETION OF WORK.

END OF SECTION 102600

SECTION 102800 - TOILET AND BATH ACCESSORIES

1.1 SUBMITTALS
A. PRODUCT DATA: PROVIDE PRODUCT INDICATED. INCLUDE THE FOLLOWING:
1. CONSTRUCTION DETAILS AND DIMENSIONS.
2. ANCHORING AND MOUNTING REQUIREMENTS, INCLUDING REQUIREMENTS FOR CUTOUTS IN OTHER WORK AND SUBSTRATE PREPARATION.
3. MATERIAL AND FINISH DESCRIPTIONS.
4. MANUFACTURER'S WARRANTY.
B. PRODUCT SCHEDULE: INDICATING TYPES, QUANTITIES, SIZES, AND INSTALLATION LOCATIONS BY ROOM OF EACH ACCESSORY REQUIRED.
1. IDENTIFY LOCATIONS USING ROOM DESIGNATIONS INDICATED ON DRAWINGS
2. IDENTIFY PRODUCTS USING DESIGNATIONS INDICATED ON DRAWINGS.
C. MAINTENANCE DATA: FOR TOILET AND BATH ACCESSORIES TO INCLUDE IN MAINTENANCE MANUALS.
1.2 COORDINATION
A. DELIVER INSERTS AND ANCHORING DEVICES AS REQUIRED TO PREVENT DELAYING THE WORK.
1.3 WARRANTY
A. SPECIAL MIRROR WARRANTY: MANUFACTURER'S STANDARD FROM IN WHICH MANUFACTURER AGREES TO REPLACE MIRRORS THAT DEVELOP VISIBLE SILVER SPOILAGE DEFECTS AND THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
1. WARRANTY PERIOD: 15 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
B. HAND AND HAIR DRYERS SHALL HAVE A TEN (10) YEAR LIMITED WARRANTY.
1.4 WASHROM ACCESSORIES
A. AVAILABLE MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
1. AMERICAN SPECIALITIES, INC.
2. BOBRICK WASHROOM EQUIPMENT
3. BRADLEY CORPORATION.
4. OR APPROVED EQUAL.
1.5 INSTALLATION
A. EQUIP UNITS FOR CONCEALED ANCHORAGE AND WITH CORROSION-RESISTANT BACKING PLATES.
B. KEYS: PROVIDE UNIVERSAL (KEYED-ALIKE) KEYS FOR INTERNAL ACCESS TO ACCESSORIES FOR SERVICING AND RE-SUPPLYING. PROVIDE MINIMUM OF FOUR (4) KEYS FOR EACH KEYED UNIT TO OWNER'S REPRESENTATIVE.
C. GRAB BARS: INSTALL TO WITHSTAND A DOWNWARD LOAD OF AT LEAST 250 LBF, WHEN TESTED ACCORDING TO METHOD IN ASTM F446.
D. ADJUST ACCESSORIES FOR UNENCUMBERED, SMOOTH OPERATION.
E. REMOVE TEMPORARY LABELS AND PROTECTIVE COATINGS. CLEAN AND POLISH EXPOSED SURFACES ACCORDING TO MANUFACTURER'S WRITTEN RECOMMENDATIONS.

END OF SECTION 102800

SECTION 104413 - FIRE EXTINGUISHER CABINETS

1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CUT SHEETS, CONSTRUCTION DETAILS MATERIAL DESCRIPTION, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR FIRE PROTECTION CABINETS.
B. SHOP DRAWINGS: FOR FIRE PROTECTION CABINETS. INCLUDE PLANS, ELEVATIONS SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK. INCLUDE ROUGHING-IN DIMENSIONS, DETAILS SHOWING MOUNTING METHODS, RELATIONSHIPS OF BOX AND TRIM TO SURROUNDING CONSTRUCTION, DOOR HARDWARE, CABINET TYPE, TRIM STYLE, AND PANEL STYLE
1.2 QUALITY ASSURANCE
A. FIRE-RATED, FIRE PROTECTION CABINETS: LISTED AND LABELED TO COMLY WITH REQUIREMENTS IN ASTM E 814 FOR FIRE-RESISTANCE RATING OF WALLS WHERE THEY ARE INSTALLED.
1.3 COORDINATION
A. COORDINATE SIZE OF FIRE PROTECTION CABINETS TO ENSURE THAT TYPE AND CAPACITY OF FIRE EXTINGUISHERS INDICATED ARE ACCOMMODATED
B. COORDINATE SIZES AND LOCATIONS OF FIRE PROTECTION CABINETS WITH WALL DEPTHS.
1.4 FIRE PROTECTION CABINET
A. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING.
1. "ARCHITECTURAL SERIES" BY LARSEN'S MANUFACTURING CO.
2. "APEX" OR "SAFEGUARD" SERIES BY STRIKE FIRST CORPORATION OF AMERICA.
3. OR APPROVED EQUAL.
B. CABINET CONSTRUCTION: 1-HOUR FIRE RATED.
1. FIRE-RATED: CONSTRUCT FIRE-RATED CABINETS WITH DOUBLE WALLS FABRICATED FROM COLD-ROLLED STEEL SHEET LINED WITH MINIMUM 5/8-INCH-THICK, FIRE-BARRIER MATERIAL. PROVIDE FACTORY-DRILLED MOUNTING HOLES.
C. RECESSED CABINET: CABINET BOX RECESSED IN WALLS OF SUFFICIENT DEPTH TO SUIT STYLE OF TRIM INDICATED.
1. EXPOSED FLAT TRIM: ONE-PIECE COMBINATION TRIM AND PERIMETER DOOR FRAME OVERLAPPING SURROUNDING WALL SURFACE WITH EXPOSED TRIM FACE AND WALL RETURN AT OUTER EDGE (BACKBEND).
D. SEMI-RECESSED CABINET: CABINET BOX PARTIALLY RECESSED IN WALLS OF SUFFICIENT DEPTH TO SUIT STYLE OF TRIM INDICATED; WITH ONE-PIECE COMBINATION TRIM AND PERIMETER DOOR FRAME OVERLAPPING SURROUNDING WALL SURFACE WITH EXPOSED TRIM FACE AND WALL RETURN AT OUTER EDGE (BACKBEND). PROVIDE WHERE WALLS ARE OF INSUFFICIENT DEPTH FOR RECESSED CABINETS BUT ARE OF SUFFICIENT DEPTH TO ACCOMMODATE SEMI-RECESSED CABINET INSTALLATION.
1. ROLLED-EDGE TRIM: 2-1/2-INCH BACKBEND DEPTH.
E. SURFACE-MOUNTED CABINET: CABINET BOX FULLY EXPOSED AND MOUNTED DIRECTLY ON TRIM. PROVIDE WHERE WALLS ARE OF INSUFFICIENT DEPTH FOR SEMI-RECESSED CABINET INSTALLATION. CABINET TRIM MATERIAL: STAINLESS-STEEL SHEET
F. DOOR MATERIAL: 304 STAINLESS STEEL
G. DOOR STYLE: VERTICAL VIEW PANEL WITH FRAME
H. DOOR GLAZING: CLEAR ACRYLIC SHEET
I. DOOR HARDWARE: MANUFACTURER'S STANDARD DOOR-OPERATING HARDWARE OF PROPER TYPE FOR CABINET TYPE, TRIM STYLE, AND MATERIAL AND STYLE INDICATED
1. PROVIDE PROJECTING LEVER HANDLE WITH CAM-ACTION LATCH.
2. PROVIDE CONTINUOUS HINGE, OF SAME MATERIAL AND FINISH AS TRIM, PERMITTING DOOR TO OPEN 180 DEGREES.
J. ACCESSORIES:
1. MOUNTING BRACKET: MANUFACTURER'S STANDARD STEEL, DESIGNED TO SECURE FIRE EXTINGUISHER TO FIRE PROTECTION CABINET, OF SIZE REQUIRED FOR TYPES AND CAPACITIES OF FIRE EXTINGUISHERS INDICATED, WITH PLATED OR BAKED-ENAMEL FINISH.
2. LETTERED DOOR HANDLE: ONE-PLACE, CAST-IRON DOOR HANDLE WITH THE WORK "FIRE" EMBOSSED INTO FACE.
3. DOOR LOCK: CAM LOCK THAT ALLOWS DOOR TO BE OPENED DURING EMERGENCY BY PULLING SHARPLY ON DOOR HANDLE.
a. IDENTIFY FIRE EXTINGUISHER IN FIRE PROTECTION CABINET WITH THE WORDS FIRE EXTINGUISHER
1) LOCATION: APPLIED TO CABINET DOOR
2) APPLICATION PROCESS: ENGRAVED, ETCHED, DECALS, OR PRESSURE-SENSITIVE VINYL LETTERS.
3) LETTERING COLOR: RED
L. FINISHES:
1. INTERIOR OF CABINET: MANUFACTURER'S STANDARD BAKED-ENAMEL PAINT, WHITE.
a. EXTERIOR OF CABINET AND DOOR: STAINLESS STEEL No.4.
1.5 EXAMINATION
A. EXAMINE WALLS AND PARTITIONS FOR SUITABLE FRAMING DEPTH AND BLOCKING WHERE RECESSED AND SEMI-RECESSED CABINETS WILL BE INSTALLED.
1.6 ADJUSTING AND CLEANING
A. REMOVE TEMPORARY PROTECTIVE COVERING AND STRIPPABLE FILMS, IF ANY, AS FIRE PROTECTION CABINETS ARE INSTALLED UNLESS OTHERWISE INDICATED IN MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. CLEAN INTERIOR AND EXTERIOR SURFACES AS RECOMMENDED BY MANUFACTURER.
B. ADJUST FIRE PROTECTION CABINET DOORS TO OPERATE EASILY WITHOUT BINDING. VERIFY THAT INTEGRAL LOCKING DEVICES OPERATE PROPERLY
C. REPLACE FIRE PROTECTION CABINETS THAT HAVE BEEN DAMAGED OR HAVE DETERIORATED BEYOND SUCCESSFUL REPAIR BY FINISH TOUCH-UP OR SIMILAR MINOR REPAIR PROCEDURES.

END OF SECTION 104413

SECTION 104416 - FIRE EXTINGUISHERS

1.1 SUBMITTALS
A. PRODUCT DATA: CUT SHEETS AND DATA FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE LOCATION, RATING AND CLASSIFICATION, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES FOR FIRE EXTINGUISHER.
1.2 QUALITY ASSURANCE
A. NFPA COMPLIANCE: FABRICATE AND LABEL FIRE EXTINGUISHERS TO COMPLY WITH NFPA 10, "PORTABLE FIRE EXTINGUISHERS."
B. LISTED AND LABELED BY UNDERWRITER'S LABORATORY (UL) OR FACTORY MUTUAL (FM) FOR TYPE, RATING, AND CLASSIFICATION.
1.3 POTABLE, HAND-CARRIED FIRE EXTINGUISHERS
A. MULTI-PURPOSE DRY CHEMICAL: 2-A RATING MINIMUM, 5 LB. CAPACITY.
1. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING
a. "MP SERIES" BY LARSEN'S MANUFACTURING CO.
b. "ABC SERIES" SERIES BY STRIKE FIRST CORPORATION OF AMERICA
c. "B500" BY AMEREX.
d. OR APPROVED EQUAL.
B. PURPLE K DRY CHEMICAL: UL-RATED 120-B: C, 20-LB CAPACITY
1. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING
a. "A413" BY AMEREX
b. "PURPLE K DRY CHEMICAL" BY RADGER FIRE PROTECTION
c. "3350 SERIES" BY POTTER ROEMER, A DIVISION OF ACORN ENGINEERING
d. OR APPROVED EQUAL.
C. EXAMINE FIRE EXTINGUISHERS FOR PROPER CHARGING AND TAGGING, REMOVE AND REPLACE DAMAGED, DEFECTIVE, OR UNDERCHARGED FIRE EXTINGUISHERS.
D. INSTALL FIRE EXTINGUISHERS IN LOCATIONS INDICATED AND IN COMPLIANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.

END OF SECTION 104416

SECTION 112300 - COMMERCIAL LAUNDRY EQUIPMENT

1.1 SUMMARY
A. THIS SECTION INCLUDES THE FOLLOWING:
1. WASHER EXTRACTORS
2. TUMBLING DRYERS
B. RELATED SECTIONS INCLUDE:
1. DIVISION 03 SECTION FOR CAST-IN-PLACE CONCRETE FOR BASED AND PADS FOR EQUIPMENT.
2. DIVISION 05 SECTION FOR METAL FABRICATIONS FOR STEEL EQUIPMENT SUPPORTS.
3. DIVISION 22 SECTIONS FOR DRAIN TRAPS., VALVES, PIPES, AND FITTINGS.
4. DIVISION 23 SECTIONS FOR SUPPLY AND EXHAUST FANS AND DUCTWORK.
5. DIVISION 26 SECTIONS FOR WIRING, DISCONNECT SWITCHES, AND OTHER ELECTRICAL MATERIALS.
1.2 REFERENCES
A. UL CERTIFICATION: PROVIDE ELECTRIC EQUIPMENT AND COMPONENTS THAT ARE EVALUATED BY UL FOR FIRE, AND ELECTRIC SHOCK ACCORDING TO APPLICABLE SAFETY STANDARDS AND THAT ARE UL CERTIFIED FOR COMPLIANCE AND LABELED FOR INTENDED USE.
B. NFBA: PROVIDE ELECTRICAL APPLIANCES LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.
1.3 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE OPERATING CHARACTERISTICS, DIMENSIONS OF INDIVIDUAL APPLIANCES, AND FINISHES FOR EACH APPLIANCE.
B. APPLIANCE SCHEDULE: FOR APPLIANCES; USE SAME DESIGNATIONS INDICATED ON DRAWINGS.
C. MANUFACTURER CERTIFICATES: SIGNED BY MANUFACTURERS CERTIFYING THAT PRODUCTS COMPLY WITH REQUIREMENTS.
D. PRODUCTS TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY MANUFACTURER AND WITNESSED BY A QUALIFIED TESTING AGENCY, FOR EACH PRODUCT.
E. SHOP DRAWINGS: INCLUDE PLANS, ELEVATIONS, SECTIONS, ROUGHING-IN DIMENSIONS, FABRICATION DETAILS, UTILITY SERVICE REQUIREMENTS, AND ATTACHMENTS TO OTHER WORK.
F. COORDINATION DRAWINGS: INDICATE LOCATIONS OF LAUNDRY EQUIPMENT AND CONNECTIONS TO UTILITIES, AND CLEARANCE REQUIREMENTS FOR EQUIPMENT ACCESS AND MAINTENANCE.
G. OPERATION AND MAINTENANCE DATA: FOR LAUNDRY EQUIPMENT TO INCLUDE IN EMERGENCY, OPERATION, ANDD MAINTENANCE MANUALS. INCLUDE THE FOLLOWING:
1. DESIGNATION INDICATED ON DRAWINGS AND CUT SHEETS.
2. MANUFACTURER'S NAME AND MODEL NUMBER.
3. LIST OF FACTORY-AUTHORIZED SERVICE AGENCIES INCLUDING THEIR ADDRESSES AND TELEPHONE NUMBERS.
H. WARRANTIES: SPECIAL WARRANTIES SPECIFIED IN THIS SECTION.
1.4 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: AND EMPLOYER OF WORKERS TRAINED AND APPROVED BY MANUFACTURER FOR INSTALLATION AND MAINTENANCE OF UNITS REQUIRED FOR THIS PROJECT.
B. MANUFACTURER QUALIFICATIONS: A QUALIFIED MANUFACTURER WITH, WITHIN 50 MILES OF PROJECT SITE, A SERVICE CENTER CAPABLE OF PROVIDING TRAINING, PARTS, AND EMERGENCY MAINTENANCE REPAIRS.
1.5 DELIVERY, STORAGE, AND HANDLING
A. STORE EQUIPMENT ON SITE PROTECTED FROM WEATHER, DIRECT SUNLIGHT AND TEMPERATURE EXTREMES. DO NOT REMOVE PACKAGING PRIOR TO STORAGE.
B. CONSULT MANUFACTURER IF MACHINES ARE TO BE STORED FOR AN EXTENDED PERIOD OF TIME.
1.6 PROJECT CONDITIONS
A. MAINTAIN ENVIRONMENTAL CONDITIONS (TEMPERATURE, HUMIDITY, AND VENTILATION) WITHIN LIMITS RECOMMENDED BY MANUFACTURER FOR OPTIMUM RESULTS. DO NOT INSTALL PRODUCTS UNDER ENVIRONMENTAL CONDITION OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS
1.7 WARRANTY
A. WASHER EXTRACTOR PARTS ONLY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE ANY PART OF THE EQUIPMENT ASSEMBLY THAT FAILS WITHIN SPECIFIED WARRANTY PERIOD.
1. WARRANTY PERIOD: THREE (3) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
B. WASHER EXTRACTOR PARTS ONLY, MAINFRAME, CYLINDER SHAFT ASSEMBLY, AND BEARINGS WARRANTY: MANUFACTURER'S STANDARD FROM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE MAIN FRAME, BEARING, CYLINDER OR CYLINDER SHAFT ASSEMBLY THAT FAILS WITHIN SPECIFIED WARRANTY PERIOD.
1. WARRANTY PERIOD: FIVE (5) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
C. DRYER TUMBLER PARTS ONLY: MANUFACTURER'S STANDARD FROM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE ANY PART OF THE EQUIPMENT ASSEMBLY THAT FAILS WITHIN SPECIFIED WARRANTY PERIOD.
1. WARRANTY PERIOD: THREE (3) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
2.1 MATERIALS
A. WASHER EXTRACTORS-STAINLESS STEEL: ASTM A 666, TYPE 304 WITH No. 4 FINISH (DIRECTIONAL SATIN FINISH) ON EXPOSED SURFACES.
B. DRYER TUMBLERS-GALVANIZED STEEL: ASTM A 653/A 653M, G90 (Z275) COATING DESIGNATION: COMMERCIAL-QUALITY, COLD-ROLLED STEEL THAT IS ZINC COATED BY THE HOT-DIP PROCESS AND CHEMICALLY TREATED
2.2 WASHER EXTRACTORS (HOUSEKEEPING)
A. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO:
1. UNIMAC, A DIVISION OF ALLIANCE LAUNDRY SYSTEMS, LLC
2. MILNOR BY PELLERIN-MILNOR CORPORATION
3. OR AN APPROVED EQUAL.
B. REQUIRED CHARACTERISTICS:
1. FRAME: HEAVY-DUTY STRUCTURAL PLATE STEEL FRAME.
2. CONSTRUCTION: CABINET FRONT, TOP, SIDES AND INNER AND OUTER TUBS, 304 GRADE STAINLESS STEEL.
3. CONTROL SYSTEM: MANUFACTURER'S DIGITAL STANDARD.
4. CYLINDER DRIVE: PROGRAMMABLE INVERTER DRIVE WITH ROTATION.
5. CHEMICAL SUPPLY SYSTEM: AUTOMATIC FLUSHING.
6. DRAIN VALVE: AUTOMATICALLY OPENS IN EV

SECTION 124816 - ENTRANCE FLOOR GRILLES

1.1 PERFORMANCE REQUIREMENTS
- A. STRUCTURAL PERFORMANCE: PROVIDE FOOT GRILLES AND FRAMES CAPABLE OF WITHSTANDING THE FOLLWING LOADS AND STRESSES:
  1. UNIFORM FLOOR LOAD OF 300 LBF/SQ.FT.
  2. WHEEL LOAD OF 350 LB PER WHEEL.
- B. SLIP RESISTANCE IN ACCORDANCE WITH ASTM D-2047-96, COEFFICIENT OF FRICTION, MINIMUM 0.60 FOR ACCESSIBLE ROUTES.

1.2 SUBMITTALS
- A. PRODUCT DATA: INCLUDING CONSTRUCTION DETAILS, MATERIAL DESCREPTIONS, DIMENSIONS OF INDIVIDUAL COMPONETS AND PROFILES, AND FINISHES FOR FOOT GRILLES AND FRAMES.
- B. SHOP DRAWINGS: SHOW THE FOLLOWING:
  1. SIZE, DIMENSIONS, DEPTH
  2. DIVISIONS BETWEEN GRILLE SECTIONS.
  3. PERIMETER FLOOR MOLDINGS, IF ANY.
- C. SAMPLES: FOR EACH TYPE OF SYSTEM, APPROX. 4"x4" SECTION OF ALL SYSTEM COMPONENTS, AND FOR ANY COMPONENT REQUIRING COLOR SELECTION.
- D. MAINTENANCE DATA: FOR FOOT GRILLES AND FRAMES TO INCLUDE IN MAINTENANCE MANUALS.

1.3 QUALITY ASSURANCE
- A. SOURCE LIMITATIONS: OBTAIN FOOT GRILLES AND FRAMES THROUGH ONE SOURCE FROM A SINGLE MANUFACTURER.
- B. ACCESSIBILITY REQUIREMENTS: PROVIDE INSTALLED FOOT GRILLES THAT COMPLY WITH SECTION 4.5 IN THE U.S. ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD'S "AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)," AND SECTIONS 302 AND 303 IN ICC A117.1

1.4 COORDINATION
- A. COORDINATE SIZE AND LOCATION OF BLOCK-OUTS IN PORCELAIN TILE FLOORS TO RECEIVE FOOT GRILLE INSERTS.

2.1 FLOOR MATS
- A. BASIS OF DESIGN: M1 PEDIMAT WITH NO FRAME BY C/S GROUP.
  1. EXPOSED HIGE RAIL CONNECTORS SHALL BE EXTRUDED 603-T6 ALUMINUM.
  2. COMPLETE WITH PERFORATIONS FOR DRAINAGE.
  3. TREAD RAILS SHALL BE MANUFACTURED FROM HIGH-IMPACT REGRIND PET-G COMPLETE WITH CO-EXTRUDED SOFT-DUROMETER CUSHIONS.
  4. ANODIZED FINISH: VERIFY COLOR WITH OWNER.
- B. BASIS OF DESIGN RECESSED GRILL MAT BY AMERICAN FLOOR MATS

2.2 SUPPORT SYSTEM
- A. LEVEL BED APPLICATION: PROVIDE MANUFACTURER'S STANDARD, VINYL CUSHION SUPPORT SYSTEM.

3.1 INSTALLATION
- A. INSTALL RECESSED FOOT GRILLES AND FRAMES TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTION AT LOCATIONS INDICATED AND WITH TOP OF FOOT GRILLES AND FRAMES IN RELATIONSHIP TO ONE ANOTHER AND TO ADJOINING FINISHED FLOORING AS RECOMMENDED BY MANUFACTURE. SET FOOT-GRILLE TOPS AT HEIGHT FOR MOST EFFECTIVE CLEANING ACTION RELATIVE TO ADJACENT FLOOR SURFACES. COORDINATE TOP OF FOOT-GRILLE SURFACES WITH DOORS THAT SWING ACROSS GRILLES TO PROVIDE CLEARANCE UNDER DOOR.

3.2 PROTECTION
- A. AFTER COMPLETING FRAME INSTALLATIONS, DEFER INSTALLATION OF FLOOR MATS UNTIL TIME OF SUBSTANTIAL COMPLETION OF PROJECT. PROVIDE TEMPORARY FILLER OF PLYWOOD OR FIBERBOARD IN FOOT-GRILLE RECESSES AND COVER FRAMES WITH PLYWOOD PROTECTIVE FLOORING. MAINTAIN PROTECTION UNTIL CONSTRUCTION TRAFFIC HAS ENDED.

END OF SECTION 124816

SECTION 142400 - HYDRAULIC ELEVATORS

1.1 SUMMARY
- A. THIS SECTION INCLUDES HYDRAULIC PASSENGER AND SERVICE ELEVATORS.
- B. RELATED SECTIONS INCLUDE THE FOLLOWING:
  1. DIVISION 04 SECTION "UNIT MASONRY" FOR SETTING SLEEVES, INSERTS, AND ANCHORING DEVICES IN MASONRY AND FOR GROUTING ELEVATOR ENTRANCE FRAMES INSTALLED IN MASONRY WALLS.
  2. DIVISION 05 SECTION "STRUCTURAL STEEL" FOR THE FOLLOWING:
     - a. ATTACHMENT PLATES, ANGLE BRACKETS, AND OTHER PREPARATION OF STRUCTURAL STEEL FOR FASTENING GUIDE-RAIL BRACKETS
     - b. DIVIDER BEAMS.
     - c. HOIST BEAMS.
     - d. STRUCTURAL-STEEL SHAPES FOR SUB-SILLS THAT ARE PART OF STEEL FRAME.
  3. DIVISION 05 SECTION "METAL FABRICATIONS" FOR THE FOLLOWING:
     - a. ATTACHMENT PLATES AND ANGLE BRACKETS FOR SUPPORTING GUIDE-RAIL BRACKETS.
     - b. STRUCTURAL-STEEL SHAPES FOR SUB-SILLS.
     - c. PIT LADDERS.
     - d. CANTS IN HOIST-WAYS MADE FROM STEEL SHEET.
  4. DIVISION 05 SECTION "PIPE AND TUBE RAILINGS" FOR RAILINGS BETWEEN ADJACENT ELEVATOR PITS.
  5. DIVISION 05 SECTION "DECORATIVE METAL" FOR COMBINATION UNITS THAT CONTAIN HALL PUSH-BUTTON STATIONS.
  6. DIVISION 09 FOR FINISH FLOORING IN ELEVATOR CARS.
  7. DIVISION 26 SECTIONS FOR ELECTRICAL SERVICE TO ELEVATORS.
  8. DIVISION 27 TELEPHONE SERVICE TO ELEVATORS.
  9. DIVISION 28 SECTION "FIRE DETECTION AND ALARM" FOR SMOKE DETECTORS IN ELEVATOR LOBBIES TO INITIATE EMERGENCY RECALL OPERATION AND HEAT DETECTORS IN SHAFTS AND MACHINE ROOMS TO DISCONNECT POWER FROM ELEVATOR EQUIPMENT BEFORE SPRINKLER ACTIVATION AND FOR CONNECTION TO ELEVATOR CONTROLLERS.

1.2 SUBMITTALS
- A. PRODUCT DATA: INCLUDE CAPACITIES, SIZES, PERFORMANCES, OPERATIONS, SAFETY FEATURES, FINISHES, AND SIMILAR INFORMATION. INCLUDE PRODUCT DATA FOR THE FOLLOWING:
  1. CAR ENCLOSURE AND HOISTWAY ENTRANCES.
  2. OPERATION, CONTROL, AND SIGNAL SYSTEMS.
- B. SHOP DRAWINGS: SHOW PLANS, ELEVATIONS, SECTIONS, AND LARGE-SCALE DETAILS INDICATING SERVICE AT EACH LANDING, MACHINE ROOM LAYOUT, COORDINATION WITH BUILDING STRUCTURE, RELATIONSHIPS WITH OTHER CONSTRUCTION, AND LOCATION OF EQUIPMENT AND SIGNALS. INCLUDE LARGE-SCALE LAYOUT OF CAR CONTROL STATION. INDICATE VARIATIONS FROM SPECIFIED REQUIREMENTS, MAXIMUM DYNAMIC AND STATIC LOADS IMPOSED ON BUILDING STRUCTURE AT POINTS OF SUPPORT, AND MAXIMUM AND AVERAGE POWER DEMANDS.
- C. MANUFACTURER CERTIFICATES: SIGNED BY ELEVATOR MANUFACTURER CERTIFYING THAT HOISTWAY, PIT, AND MACHINE ROOM LAYOUT AND DIMENSIONS, AS SHOWN ON DRAWINGS, AND ELECTRICAL SERVICE, AS SHOWN AND SPECIFIED, ARE ADEQUATE FOR ELEVATOR SYSTEM BEING PROVIDED.
- D. QUALIFICATION DATA: FOR INSTALLER.
- E. OPERATION AND MAINTENANCE DATA: FOR ELEVATORS TO INCLUDE IN EMERGENCY, OPERATION, AND MAINTENANCE MANUALS.
  1. IN ADDITION TO ITEMS SPECIFIED IN DIVISION 01 SECTION "OPERATION AND MAINTENANCE DATA, " INCLUDE DIAGNOSTIC AND REPAIR INFORMATION AVAILABLE TO MANUFACTURER'S AND INSTALLER'S MAINTENANCE PERSONNEL.
- F. INSPECTION AND ACCEPTANCE CERTIFICATES AND OPERATING PERMITS: AS REQUIRED BY AUTHORITIES HAVING JURISDICTION FOR NORMAL, UNRESTRICTED ELEVATOR USE.
- G. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.
- H. CONTINUING MAINTENANCE PROPOSAL: SERVICE AGREEMENT SPECIFIED IN THIS SECTION.

1.3 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: ELEVATOR MANUFACTURER OR MANUFACTURER'S AUTHORIZED REPRESENTATIVE WHO IS TRAINED AND APPROVED FOR INSTALLATION OF UNITS REQUIRED FOR THIS PROJECT.
- B. SOURCE LIMITATIONS: OBTAIN ELEVATORS AND MAJOR ELEVATOR COMPONENTS THROUGH ONE SOURCE FROM A SINGLE MANUFACTURER.
- C. REGULATORY REQUIREMENTS: COMPLY WITH ASME A17.1.
  1. SEISMIC PERFORMANCE CATEGORY 'A'.
- D. ACCESSIBILITY REQUIREMENTS: COMPLY WITH THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S "AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG). " A ND ICC A117.1.
- E. FIRE-RATED HOISTWAY ENTRANCE ASSEMBLIES: DOOR AND FRAME ASSEMBLIES COMPLYING WITH NFPA 80 THAT ARE LISTED AND LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE-PROTECTION RATINGS INDICATED.

1.4 COORDINATION
- A. COORDINATE INSTALLATION OF SLEEVES, BLOCK OUTS, AND ITEMS THAT ARE EMBEDDED IN CONCRETE OR MASONRY FOR ELEVATOR EQUIPMENT. FURNISH TEMPLATES AND INSTALLATION INSTRUCTIONS AND DELIVER TO PROJECT SITE IN TIME FOR INSTALLATION.
- B. FURNISH WELL CASING AND COORDINATE DELIVERY WITH RELATED EXCAVATION WORK.
- C. COORDINATE SEQUENCE OF ELEVATOR INSTALLATION WITH OTHER WORK TO AVOID DELAYING THE WORK.
- D. COORDINATE LOCATIONS AND DIMENSIONS OF OTHER WORK RELATING TO HYDRAULIC ELEVATORS INCLUDING PIT LADDERS, SUMPS, AND FLOOR DRAINS IN PITS; ENTRANCE SUBSILLS; AND ELECTRICAL SERVICE, ELECTRICAL OUTLETS, LIGHTS, AND SWITCHES IN PITS AND MACHINE ROOMS.

1.5 WARRANTY
- A. SPECIAL MANUFACTURER'S WARRANTY: MANUFACTURER'S STANDARD FROM IN WHICH MANUFACTURER AGREES TO REPAIR, RESTORE, OR REPLACE DEFECTIVE ELEVATOR WORK WITHIN SPECIFIED WARRANTY PERIOD.
  1. WARRANTY PERIOD: ONE YEAR MINIMUM FOR DATE OF SUBSTANTIAL COMPLETION.

1.6 PROJECT CONDITIONS
- A. TEMPORARY ELECTRICITY:
  1. ARRANGE FOR TEMPORARY 3-PHASE ELECTRICITY TO BE AVAILABLE FOR INSTALLATION OF ELEVATOR COMPONENTS, IF PERMANENT IS NOT AVAILABLE AT THE TIME OF ELEVATOR INSTALLATION SCHEDULE.

1.7 MAINTENANCE SERVICE
- A. INITIAL MAINTENANCE SERVICE: BEGINNING AT SUBSTANTIAL COMPLETION, PROVIDE ONE FULL YEAR OF MAINTENANCE SERVICE BY SKILLED EMPLOYEES OF ELEVATOR INSTALLER. INCLUDE MONTHLY PREVENTIVE MAINTENANCE, REPAIR OR REPLACEMENT OF WORN OR DEFECTIVE COMPONENTS, LUBRICATION, CLEANING, AND ADJUSTING AS REQUIRED FOR PROPER ELEVATOR OPERATION AT RATED SPEED AND CAPACITY. PROVIDE PARTS AND SUPPLIES SAME AS THOSE USED IN THE MANUFACTURE AND INSTALLATION OF ORIGINAL EQUIPMENT.
  1. PERFORM MAINTENANCE, INCLUDING EMERGENCY CALLBACK SERVICE, DURING NORMAL WORKING HOURS.
  2. INCLUDE 24-HOUR-PER-DAY, 7-DAY-PER-WEEK EMERGENCY CALLBACK SERVICE.
     - a. RESPONSE TIME: TWO HOURS OR LESS
  3. THIRTY DAYS BEFORE EXPIRATION OF THE TWELVE (12) MONTH MAINTENANCE SERVICE, THE ELEVATOR CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE ELEVATOR EQUIPMENT WITH THE OWNER OR HIS REPRESENTATIVE. THIS INSPECTION IS TO ASSURE THE THE ELEVATOR EQUIPMENTS IN SAFE FIRST-QUALITY, OPERATING CONDITION AND THE EQUIPMENT IS OPERATION IN LINE WITH ITS ORIGINAL DESIGN. AS AUTHORIZED REPRESENTATIVE OF THE ELEVATOR CONTRACTOR SHALL ACCOMPANY THE OWNER OR HIS REPRESENTATIVE.
  4. EXAMINATIONS AND LOG: DURING THE WARRANTY MAINTENANCE PERIOD THE ELEVATOR CONTRACTOR SHALL MAINTAIN MAINTENANCE RECORDS AS PER ANSI A17.1 CODE FOR EACH ELEVATOR. THE RECORDS SHALL BE LOCATED IN THE ELEVATOR MACHINE ROOM AND BE USED TO INDICATE ALL CALL BACKS, REPAIRS, REPLACEMENT OF PARTS, FIRE SERVICE TEST AND ADJUSTMENTS PERFORMED BY THE MECHANIC. EACH ENTRY IN THE MAINTENANCE RECORDS SHALL BE SIGNED BY THE MECHANIC WHO PERFORMS THE WORK AND BE KEPT UP-TO-DATE AT ALL TIMES.
- B. CONTINUING MAINTENANCE PROPOSAL: PROVIDE A CONTINUING MAINTENANCE PROPOSAL FROM INSTALLER TO OWNER, IN THE FORM OF A STANDARD YEARLY (OR OTHER PERIOD) MAINTENANCE AGREEMENT, STARTING ON DATE INITIAL MAINTENANCE SERVICE IS CONCLUDED. STATE SERVICES, OBLIGATIONS, CONDITIONS, AND TERMS FOR AGREEMENT PERIOD AND FOR FUTURE RENEWAL OPTIONS.

2.1 MANUFACTURER
- A. BASIS OF DESIGN: AS SELECTED BY OWNER.
- B. ELEVATOR SHALL BE INSTALLED BY AUTHORIZED INSTALLER DESIGNATED BY ELEVATOR MANUFACTURER.

2.2 ELEVATOR SYSTEM AND COMPONENTS
- A. HYDRAULIC PASSENGER ELEVATORS: MODEL 330A.
- B. ELEVATOR EQUIPMENT SUMMARY:
  1. SERVICE: GENERAL PURPOSE PASSENGER-CLASS A LOADING
  2. QUANTITY: 2
  3. CAPACITY: AS APPROVED
  4. SPEED: 150 FRM
  5. TRAVEL: APPROX 33'-0", SEE DRAWINGS
  6. LANDINGS: 4
  7. FRONT OPENINGS: 1
  8. REAR OPENING: 0
  9. OPERATION: MICROPROCESSOR SINGLE CAR AUTOMATIC OPERATION WITH ONBOARD DIAGNOSTIC CAPABILITIES
  10. MACHINE ROOM: MACHINE ROOM LESS.
  11. DOOR TYPE: SINGLE SPEED SIDE OPENING
  12. CAB HEIGHT: 8'-0"
  13. HOISTWAY ENTRANCES: 3'-0" WIDE x 7'-0" HIGH DOORS
  14. POWER SUPPLY: 208 VOLTS 3 PHASE 60HZ
- C. ELEVATOR COMPONENTS
  1. ANTI-STALL FEATURE.
  2. BRAILLE AND AUDIBLE SIGNALS.
  3. DOOR OPEN AND CLOSE STALL PROTECTION.
  4. EMERGENCY LIGHTING.
  5. FIREFIGHTER'S SERVICE
  6. INDEPENDENT SERVICE FEATURE.
  7. INFRARED LIGHT CURTAIN DOOR PROTECTION.
  8. LOW OIL RETURN.
  9. OVERLOAD SENSORS.
  10. PHASE PROTECTION.
  11. SOFT START ELECTRONIC STARTING
  12. LOCKING SERVICE PANEL IN CAR OPERATING PANEL.
  13. PRESSURE SWITCH.
  14. REMOTE MONITORING CAPABLE.
  15. TELEPHONE (ADA COMPLIANT).

2.3 ELEVATOR MATERIALS
- A. FINISH:
  1. STAINLESS STEEL AND BRONZE: #4 STAIN
  2. BAKED ENAMEL COLORS: MANUFACTURER'S STANDARD COLOR SELECTIONS.
  3. EXPOSED ALUMINUM FRAMES IN SUSPENDED CEILINGS: ANODIZED.
- B. PLASTIC LAMINATES:
  1. TYPE: GENERAL PURPOSE.
  2. FLAME SPREAD RATINGS: AS REQUIRED BY CODE.
  3. PATTERN: CUSTOM, AS SELECTED TO MATCH HOME2 DESIGN STANDARDS.
- C. UL OR CSA APPROVED: MOTORS, PUMPS, VALVES, FLUID TANK, HYDRAULIC FLUID, MICROPROCESSOR CONTROLLER, CONTROLS, PUSHBUTTONS, AND WIRING.
- D. SPRING BUFFERS, ATTACHMENT BRACKETS, AND ANCHORS: DESIGN AND SIZE ACCORDING TO BUILDING CODE WITH SAFETY FACTORS.
- E. PUMP: POSITIVE DISPLACEMENT SCREW TYPE, DESIGN FOR STEADY DISCHARGE WITH MINIMAL PULSATIONS.
- F. MUFFLER: REDUCE NOISE TRANSMISSION.

2.4 ELEVATOR CABS
- A. BASE, FRIEZE, AND REVEALS: BAKED ENAMEL.
- B. CEILING: SC08 STYLE SUSPENDED LAY-IN PANELS, #4 BRUSHED STAINLESS STEEL.
  1. LIGHTING: COMPACT FLUORESCENT.
- C. CAB RETURNS: INTEGRAL CONSTRUCTION. #4 BRUSHED STAINLESS STEEL.
- D. TRANSOMS: RUN FULL WIDTH OF CAB. #4 BRUSHED STAINLESS STEEL.
- E. CAB DOORS: FLUSH DESIGN BOTH SIDES. RIB CONSTRUCTION.
  1. FINISH: #4 STAINLESS STEEL.
- F. INFRARED LIGHT CURTAIN DOOR PROTECTION: EQUIP LEADING EDGES OF CAR DOORS WITH CONCEALED TRANSITTER AND RECEIVER INFRARED BEAM DEVICES TO DETECT PRESENCE OF OBJECT IN PROCESS OF PASSING THROUGH HOISTWAY ENTRANCE AND CAR DOORWAY.
  1. USE MULTIBEAM SCANNING WITHOUT MOVING PARTS TO DETECT OBSTRUCTIONS IN DOOR OPENING.
  2. DETECTOR DEVICE: PREVENT DOORS FROM CLOSING, OR IF THEY HAVE ALREADY STARTED CLOSING, CAUSE DOORS TO REOPEN AND REMAIN OPEN WHILE OBJECT IS WITHIN DETECTION ZONE.
  3. HORIZONTAL IR BEAMS: MINIMUM OF 40 HORIZONTAL BEAMS TO FILL DOORWAY FROM GROUND LEVEL TO A HEIGHT OF 6 FEET.
- G. EXHAUST FAN: SINGLE SPEED, MOUNT IN CAB TRANSOM OR CANOPY.
- H. HANDRAIL: $\frac{3}{4}$" x 2" FLAT IN BRUSHED ALUMINUM. MOUNT ON REAR WALL.
- I. THRESHOLD: ALUMINUM.
- J. CAB FINISH FLOORING: PORCELAIN TILE TO MATCH LOBBY.

2.5 CAB FIXTURES
- A. MAIN CAR OPERATING PANEL:
  1. MOUNT IN RETURN.
  2. COMPLY WITH HANDICAP REQUIREMENTS.
  3. PUSHBUTTONS: ILLUMINATE USING LONG-LASTING LED'S INCLUDED FOR EACH FLOOR SERVED.
  4. EMERGENCY BUTTONS AND SWITCHES: PROVIDE IN ACCORDANCE WITH CODE.
  5. SWITCHES FOR CAR LIGHT AND ACCESSORIES.
- B. CAB FIXTURES:
  1. CAR LANTERN(S).
  2. DIGITAL CAR POSITION INDICATOR.
  3. LOCKING SERVICE PANEL IN CAR OPERATING PANEL.
  4. TELEPHONE (ADA COMPLIANT).

2.6 HALL FIXTURES
- A. PUSHBUTTONS:
  1. UP BUTTON AND DOWN BUTTON AT INTERMEDIATE FLOORS.
  2. SINGLE BUTTON AT EACH TERMINAL FLOOR.
  3. HEIGHT: COMPLY WITH HANDICAP REQUIREMENTS.
  4. ILLUMINATION: ILLUMINATE USING LONG-LASTING LED'S.
- B. HALL FIXTURE FINISH: BLACK LEXAN.
- C. FIXTURE COVER PLATES: MOUNT WITH TEMPER-RESISTANT SCREWS IN SAME FINISH AS FIXTURE.

3.1 EXAMINATION
- A. EXAMINE HOISTWAYS, HOISTWAY OPENINGS, PITS, AND MACHINE ROOMS BEFORE STARTING ELEVATOR INSTALLATION.
- B. VERIFY HOISTWAY, PIT MACHINE ROOM, AND OPENINGS ARE OF CORRECT SIZE, WITHIN TOLERANCES, AND ARE READY FOR WORK OF THIS SECTION.
- C. VERIFY WALLS AND SILL SUPPORTS ARE PLUMB, WHERE OPENINGS OCCUR.
- D. VERIFY HOISTWAY IS CLEAR AND PLUMB, WITH MAXIMUM VARIATION OF 1/2"AT ANY POINT.
- E. VERIFY MINIMUM 2-HOUR FIRE-RESISTANCE RATING OF HATCH WALLS.
- F. NOTIFY ARCHITECT IN WRITING OF DIMENSIONAL DISCREPANCIES OR OTHER CONDITIONS DETRIMENTAL TO PROPER INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN A MANNER ACCEPTABLE TO MANUFACTURER/INSTALLER.

3.2 INSTALLATION
- A. INSTALL ELEVATORS IN ACCORDANCE WITH MANUFACTURER/INSTALLER'S INSTRUCTIONS AND ANSI/ASME A17.1.
- B. SET ENTRANCES IN VERTICAL ALIGNMENT WITH CAR OPENINGS, AND ALIGNED WITH PLUMB HOISTWAY LINES.

3.3 FIELD QUALITY CONTROL
- A. PERFORM TESTS OF ELEVATOR AS REQUIRED BY ANSI/ASME A17.1 AND GOVERNING CODES.

3.4 ADJUSTING
- A. ADJUST ELEVATORS FOR PROPER OPERATION IN ACCORDANCE WITH MANUFACTURER/INSTALLER'S INSTRUCTIONS.
- B. ADJUST ELEVATORS FOR SMOOTH ACCELERATION AND DECELERATION OF CAR SO NOT TO CAUSE PASSENGER DISCOMFORT.
- C. ADJUST DOORS TO PREVENT OPENING OF DOORS AT LANDING ON CORRIDOR SIDE, UNLESS CAR IS AT REST AT THAT LANDING, OR IS IN LEVELING ZONE AND STOPPING AT THAT LANDING.
- D. ADJUST AUTOMATIC FLOOR LEVELING FEATURE AT EACH FLOOR TO WITHIN 1/4 INCH OF LANDING.
- E. REPAIR MINOR DAMAGES TO FINISH IN ACCORDANCE WITH MANUFACTURER/INSTALLER'S INSTRUCTIONS AND AS APPROVED BY ARCHITECT.
- F. REMOVE AND REPLACE DAMAGED COMPONENTS THAT CANNOT BE SUCCESSFULLY REPAIRED AS DETERMINED BY ARCHITECT.

3.5 FIELD QUALITY CONTROL
- A. ACCEPTANCE TESTING:ON COMPLETION OF ELEVATOR INSTALLATION AND BEFORE PERMITTING USE (EITHER TEMPORARY OR PERMANENT) OF ELEVATORS, PERFORM ACCEPTANCE TESTS AS REQUIRED AND RECOMMENDED BY ASME A17.1 AND BY GOVERNING REGULATIONS AND AGENCIES.
- B. ADVISE OWNER, ARCHITECT, AND AUTHORITEIS HAVING JURISDICTION IN ADVANCE OF DATES AND TIMES TESTS ARE TO BE PERFORMED ON ELEVATORS.

3.6 CLEANING
- A. CLEAN ELEVATORS PROMPTLY AFTER INSTALLATION IN ACCORDANCE WITH MANUFACTURER/INSTALLER'S INSTRUCTIONS.
- B. DO NOT USE HARSH CLEANING MATERIALS OR METHODS THAT COULD DAMAGE FINISH.

3.7 PROTECTION
- A. TEMPORARY USE: COMPLY WITH THE FOLLOWING REQUIREMENTS FOR EACH ELEVATOR USED FOR CONSTRUCTION PURPOSED:
  1. PROVIDE CAR WITH TEMPORARY ENCLOSURE, EITHER WITHIN FINISHED CAR OR IN PLACE OF FINISHED CAR, TO PROTECT FINISHES FROM DAMAGE.
  2. PROVIDE STRIPPABLE PROTECTIVE FILM ON ENTRANCE AND CAR DOORS AND FRAMES.
  3. PROVIDE PADDED WOOD BUMPERS ON ENTRANCE DOOR FRAMES COVERING JAMBS AND FRAME FACES.
  4. PROVIDE OTHER PROTECTIVE COVERINGS, BARRIERS, DEVICES, SIGNS, AND PROCEDURES AS NEEDED TO PROTECT ELEVATOR AND ELEVATOR EQUIPMENT.
  5. ENGAGE ELEVATOR INSTALLER TO PROVIDE FULL MAINTENANCE SERVICE DURING TEMPORARY USE TIME, IN ADDITION TO SPECIFIED WARRANTY TIME.
  6. ENGAGE ELEVATOR INSTALLER TO RESTORE DAMAGED WORK, IF ANY, SO NO EVIDENCE REMAINS OF CORRECTION.

3.8 DEMONSTRATION
- A. ENGAGE A FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO TRAIN OWNER'S MAINTENANCE PERSONNEL TO OPERATE, ADJUST, AND MAINTAIN ELEVATOR.

END OF SECTION 142400

SECTION 149133 - LAUNDRY AND LINEN CHUTES

1.1 SUMMARY
- A. THIS SECTION INCLUDES MULTI-STORY COMMERCIAL LAUNDRY AND LINEN CHUTES.
- B. RELATED SECTIONS INCLUDE:
  1. DIVISION 07 SECTIONS FOR ROOF VENT FLASHING AND COUNTERFLASHING AND ROOF CURBS.
  2. DIVISION 07 SECTION FOR PENETRATION FIRESTOPPING FOR SPACES AT DOORS, FLOORS, WALLS, OR ROOFS.
  3. DIVISION 09 SECTION FOR FIRE-RATED GYPSUM BOARD AND SHAFT WALL PANELS
  4. DIVISION 21 SECTIONS FOR SMOKE DETECTORS AND FIRE SUPPRESSION SYSTEMS.
  5. DIVISION 26 SECTIONS FOR CONNECTIONS TO OTHER SYSTEMS AND ALARMS.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CUT SHEETS, CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR CHUTES.
- B. SHOP DRAWINGS: FOR CHUTES. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, WEIGHTS, OPERATIONAL CLEARANCES, AND ATTACHMENTS TO OTHER WORK. INDICATE METHOD OF FIELD ASSEMBLY.
  1. INDICATE SELECTED SIZES AND INSTALLATION DETAILS SPECIFIC TO THE PROJECT.
  2. INCLUDE WIRING DIAGRAMS FOR POWER, SIGNAL AND CONTROL WIRING.
- C. PRODUCT CERTIFICATES: FOR EACH TYPE OF CHUTE, FROM MANUFACTURER.
- D. OPERATION AND MAINTENANCE DATA: FOR CHUTES TO INCLUDE IN OPERATION AND MAINTENANCE MANUALS.
- E. WARRANTY DOCUMENTATION: ISSUED AND EXECUTED BY THE MANUFACTURER AND INSTALLER OF THE SYSTEM.

1.3 QUALITY ASSURANCE
- A. FIRE-RATED DOOR ASSEMBLIES: ASSEMBLIES COMPLYING WITH NFPA 80 THAT ARE LISTED AND LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, FOR FIRE RATINGS INDICATED.
- B. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.
- C. STANDARD: PROVIDE CHUTES COMPLYING WITH NFPA 82.
- D. QUALIFICATIONS:
  1. MANUFACTURER: MINIMUM FIVE (5) YEARS-DOCUMENTED EXPERIENCE PRODUCING PRODUCTS SPECIFIED IN THIS SECTION.
  2. INSTALLER: APPROVED BY THE MANUFACTURER, AND HAVING A MINIMUM OF FIVE (5) YEARS INSTALLATION EXPERIENCE.

1.4 WARRANTY
- A. MANUFACTURER'S WARRANTY: FURNISH MANUFACTURER'S STANDARD ONE (1) YEAR WARRANTY FROM DATE OF INSTALLATION.

2.1 MANUFACTURERS
- A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
  1. CUTES INTERNATIONAL MANUFACTURING
  2. WILKINSON HI-RISE
  3. MIDLAND CHUTES, A DIVISION OF KASL ENTERPRISES, INC.
  4. OR AN APPROVED EQUAL.

2.2 CHUTES
- A. CHUTE METAL: ALUMINUM-COATED, COLD-ROLLED, COMMERCIAL STEEL SHEET; TYPE 430 STAINLESS STEEL, ASTM A 240/A, OR ASTM A 463/A 463M, TYPE 1 WITH NOT LESS THAN T1-40 COATING.
- B. SIZE: 24 INCHES DIAMETER.

2.3 DOORS
- A. INTAKE DOOR ASSEMBLIES: ASTM 2 240/A, TYPE 304 STAINLESS-STEEL, SELF-CLOSING UNITS WITH POSITIVE LATCH AND LATCH HANDLE; AS REQUIRED TO PROVIDE FIRE-PROTECTION RATINGS INDICATED; AND WITH FRAME SUITABLE FOR ENCLOSING CHASE CONSTRUCTION.
  1. LINEN CHUTE INTAKE DOOR OF TYPE 304 STAINLESS STEEL, SIDE HINGED, HAND OPERATED.
  2. SIZE: 21"x21"
  3. FIRE RATING: 1-1/2 HR. U.L. 'B'LABEL WITH 250 DEGREE TEMPERATURE RISE.
  4. DOOR TO BE EQUIPPED WITH SINGLE MOTION 'T' HANDLE.
  5. LOCKS: CYLINDER LOCKS WITH KEYS THAT ARE REMOVABLE ONLY WHEN CYLINDER IS LOCKED. ALL CHUTE DOORS KEYED ALIKE.
  6. DOOR TRIM TO BE EMBOSSED "SOILED LINEN"
  7. BAFFLES: RUBBER-BACK DRAFT BAFFLES AT EACH INTAKE.
- B. DISCHARGE-DOOR ASSEMBLIES: ALUMINUM-COATED-STEEL DOORS AS REQUIRED TO PROVIDE FIRE-PROTECTION RATINGS INDICATED; EQUIPPED WITH FUSIBLE LINKS THAT CAUSE DOORS TO CLOSE IN THE EVENT OF FIRE.
  1. HOPPER DISCHARGE CONSTRUCTED OF SAME MATERIAL AS THE CHUTE.
  2. SUPPORTED BY ADJUSTABLE PEDESTAL
  3. DOOR SIZE: 24"WIDE BY 30"HIGH
  4. "UL" LABELED, TOP-HINGED SPRING COUNTER-BALANCED DOOR FUSIBLE LINKED FOR CLOSING WITH HEAT RISING ABOVE 165°F.
- C. HEAT AND SMOKE DETECTOR CONNECTION: INTERLOCK SYSTEM WITH TEMPERATURE-RISE ELEMENTS THAT LOCKS CHUTE DOORS WHEN TEMPERATURE IN CHUTE REACHES A PREDETERMINED, ADJUSTABLE TEMPERATURE.
  1. LOCATE SMOKE DETECTOR OUTSIDE DISCHARGE DOOR WITH SOLENOID TO CLOSE DISCHARGE DOOR.
- D. MANUAL CONTROL SYSTEM: CONTROL SYSTEM WITH MANUAL SWITCHES THAT LOCK DOORS OF CHUTE DURING SHUTDOWN HOURS AND SERVICE OPERATIONS.
  1. MECHANICAL INTERLOCKS: INTERLOCK SYSTEM OPERATED FROM DISCHARGE DOOR TO AUTOMATICALLY LOCK INTAKE DOORS.

2.4 ACCESSORIES
- A. FIRE SPRINKLERS: MANUFACTURER'S STANDARD NFS 1/2 FIRE SPRINKLERS READY FOR PIPING CONNECTIONS.
- B. FLUSHING SPRAY UNIT: NPS 3/4 SPRAY HEAD UNIT LOCATED IN CHUTE ABOVE HIGHEST INTAKE DOOR, READY FOR HOT-WATER PIPING CONNECTION, AND WITH ACCESS FOR HEAD AND PIPING MAINTENANCE.
- C. SANITIZING UNIT: NPS 3/4 DISINFECTING AND SANITIZING SPRY HEAD UNIT LOCTED IN CHUTE ABOVE HIGHEST INTAKE DOOR, INCLUDING 1-GAL.TANK AND ADJUSTABLE PROPORTIONING VALVE WITH BYPASS FOR MANUAL CONTROL OF SANITIZING AND FLUSHING OPERATION, READY FOR HOT-WATER PIPING CONNECTION, AND WITH ACCESS FOR HEAD AND PIPING MAINTENANCE.
- D. ROOF VENT: CHUTE SHALL EXTEND FULL DIAMETER THROUGH ROOF TO METAL TOP VENT CAP 4'-0" ABOVE THE FLUSHED ROOF LEVEL WITH COUNTER FLASHING AND INSECT SCREEN. A ROOF CURB (44"x44" x MINIMUM OF 8"HIGH) IS REQUIRED FOR FLAT ROOF CONDITIONS (PROVIDE UNDER OTHER SECTIONS).
- E. SPRINKLER SYSTEM: CHUTE SHALL BE PROTECTED INTERNALLY BY AUTOMATIC SPRINKLER. THIS REQUIRES A SPRINKLER AT OR ABOVE THE TOP INTAKE DOOR OF THE CHUTE, AND IN ADDITION, A SPRINKLER SHALL BE INSTALLED WITHIN THE CHUTE AT ALTERNATE FLOOR LEVELS IN BUILDINGS OVER TWO STORIES IN HEIGHT WIT

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS, INCLUDING THE SIZE AND LOCATION OF MISCELLANEOUS ITEMS AFFECTING THE STRUCTURAL WORK SUCH AS SMALL OPENINGS, PIPE SLEEVES, RECESSES, BENT PLATES, ETC. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR OMISSIONS. OPENINGS THROUGH BEAMS, GIRDERS AND/OR COLUMNS SHALL BE VERIFIED BY ENGINEER.
2. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING SITE CONDITIONS PRIOR TO COMMENCING WORK. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN ACTUAL SITE CONDITIONS AND THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL VERIFY ALL FLOOR AND ROOF MOUNTED MECHANICAL EQUIPMENT DIMENSIONS AND WEIGHTS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND REVIEWED SHOP DRAWINGS.
4. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. THE ERECTION PROCEDURE AND SEQUENCE INCLUDING THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, RE-SHORING, TEMPORARY SUPPORTS, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. DO NOT SCALE DRAWINGS. ALL WORK REQUIRING MEASURING SHALL BE DONE ACCORDING TO FIGURES ON DRAWING. ANY MISSING DIMENSIONS WILL BE FURNISHED UPON REQUEST.
6. WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL ALSO APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
7. THESE GENERAL NOTES APPLY WHERE OTHER PROVISIONS ARE NOT PROVIDED BY THE DRAWINGS, SPECIFICATIONS OR TYPICAL DETAILS. IN CASE OF SPECIAL CONDITIONS INDICATED ON DRAWINGS, THE DRAWINGS SHALL GOVERN OVER THE SPECIFICATIONS.
8. THE CONTRACTOR SHALL PROVIDE ALL CENTERLINE-TO-CENTERLINE DIMENSIONS TO THE STEEL FABRICATOR PRIOR TO SHOP DRAWING SUBMITTAL AND FABRICATION OF STRUCTURAL STEEL.
9. CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ORDINANCES, AND THE INTERNATIONAL BUILDING CODE 2018.
10. COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE DESIGN TEAM-OF-RECORD AND NOT SPECIFIED ON THE PROJECT CONSTRUCTION DOCUMENTS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA AND SHALL BE AVAILABLE AT THE JOB SITE DURING THE TIMES OF INSPECTION.

MASONRY:

1. MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF ACI 530.1, "SPECIFICATION FOR MASONRY STRUCTURES" EXCEPT AS NOTIFIED BY THE REQUIREMENTS OF THESE STRUCTURAL DRAWINGS.
2. ALL MASONRY SHALL HAVE STANDARD HORIZONTAL REINFORCING PLACED @ 16" O.C. VERTICAL SPACING UNLESS NOTED OTHERWISE. JOINT REINFORCEMENT FOR SINGLE WYTHE WALLS SHALL BE LOX ALL LADDER-MESH AS MANUFACTURED BY HOHMANN & BARNARD, INC., HAUPPAUGE, NY, OR APPROVED EQUAL. REINFORCEMENT SHALL BE FABRICATED FROM COLD-DRAWN STEEL WIRE CONFORMING TO ASTM A951 WITH SMOOTH 9GA CROSS RODS BUTT WELDED NOT MORE THAN 16" O.C. TO DEFORMED 9GA SIDE RODS. FACTORY PREFABRICATED CORNERS AND TEES SHALL BE USED AT ALL CORNERS AND INTERSECTING WALLS AND SHALL BE OF THE SAME GAUGE, FINISH AND DESIGN AS THE CONTINUOUS JOINT REINFORCEMENT.
3. MINIMUM VERTICAL REINFORCING TO BE #5 @ 24" O.C. UNLESS NOTED OTHERWISE. PROVIDE THREE #5 BAR VERTICAL (FULL WALL HEIGHT) AT EACH CORNER AND TWO #5 BARS VERTICAL (FROM FOOTING TO BEARING) IN FIRST CELL WITHIN 16" OF OPENINGS, WITHIN 8" OF EACH SIDE OF A CONTROL JOINT/EXPANSION JOINT. AT ALL VERTICAL MASONRY REBARS, LAP SAME SIZE HOOKED DOWELS INTO FOUNDATION AND FILL CELLS CONTAINING REBARS SOLID WITH 3000 PSI GROUT.
4. AT TOP COURSE OF ALL MASONRY WALLS, PROVIDE A MINIMUM OF 16" BOND BEAM WITH (2) #5 CONTINUOUS REBARS. FILL BOND BEAM SOLID WITH 3000 PSI GROUT. BOND BEAMS SHALL MATCH FLOOR-TO-FLOOR HEIGHT & HAVE A MAXIMUM SPACING OF 10'-8".
5. PROVIDE VERTICAL CONTROL JOINT @ 25'-0" O.C. MAXIMUM.
6. REQUIRED 28 DAY COMPRESSIVE STRENGTH OF MASONRY, f'm SHALL BE 1500 PSI MIN. SPECIAL INSPECTION REQUIRED.
7. MASONRY IS TO BE 8"x8"x16" CONCRETE MASONRY STACKED IN RUNNING BOND UNLESS NOTED.
8. MASONRY LAP SPLICE AS DETERMINED BY IBC 2018 SECTION 2107.2.3
9. HORIZONTAL REINFORCEMENT AT THE TOP AND BOTTOM OF WALL OPENINGS SHALL EXTEND 24" MIN AND NOT < TWO BAR DIAMETERS BEYOND OPENINGS.
10. ALL LEVELING GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000-PSI. EXPOSED GROUT SHALL BE NON-STAINING.
11. USE TYPE 'S' MORTAR CEMENT FOR VERTICAL AND HORIZONTAL JOINTS PER ASTM C 270.
12. ALL MASONRY GROUT SHALL CONFORM WITH ASTM C 476.
13. REINFORCING STEEL SHALL BE SPLICED ONLY AS INDICATED ON THE PLANS. WHEN SPLICE LENGTHS ARE NOT GIVEN ON THE PLANS, THEY SHALL BE TAKEN FROM THE TABLE BELOW.

BAR SIZE	SPLICE LENGTH
#4	24"
#5	36"
#6	54"
#7	70"

14. HALF OF THE EQUIVALENT AREA OF VERTICAL REINFORCEMENT INTERRUPTED BY OPENINGS SHALL BE PLACED AT EACH SIDE OF THE OPENING.

CONCRETE:

1. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE", EXCEPT AS NOTIFIED BY THE REQUIREMENTS OF THESE STRUCTURAL DRAWINGS.
2. ALL CONCRETE SHALL NORMAL WEIGHT AND HAVE A DESIGNATED COMPRESSIVE STRENGTH (F'c) IN 28 DAYS OF 3000 PSI WITH A 4" (±1") SLUMP UNLESS NOTED OTHERWISE. HOLLOW-CORE CONCRETE SLAB, SEE "PRECAST HOLLOW-CORE CONCRETE" NOTES.
3. SAWN CONTROL JOINTS IN FLOOR SLABS, AS INDICATED ON THE PLANS BY "C.J.", SHALL BE ¼" WIDE x 1" DEEP AND SHOULD BE CUT (AS SOON AS CONDITIONS ALLOW) WITHIN 12 HOURS AFTER CONCRETE IS PLACED. MAXIMUM "C.J." SPACING SHALL BE 15 FT IN EITHER DIRECTION.
4. SLAB-ON-GRADE NOT OTHERWISE SPECIFIED, SHALL BE 4" THICK MINIMUM WITH 6x6-W2.9xW2.9 WELDED WIRE MESH PLACED 2" FROM TOP OF SLAB. ALL WIRE MESH AND REBARS ARE TO BE PLACED ON SUPPORTS PER ACI STANDARDS PRIOR TO POURING CONCRETE. SLAB SHALL BE PLACED ON 10-MIL VAPOR BARRIER ON 4" OF FREE DRAINING GRANULAR BASE OR COMPACTED SAND OR CRUSHER RUN. VAPOR BARRIER MAY BE OMITTED FROM DRIVES, WALKS, PATIOS, AND OTHER FLAT WORK NOT LIKELY TO BE ENCLOSED AND HEATED AT A LATER DATE. JOINTS LAPPED NOT LESS THAN 6".
5. CONCRETE COARSE AGGREGATE, WITH A MAXIMUM SIZE OF 1" MAY BE USED IN FOUNDATIONS. ALL OTHER CONCRETE SHALL HAVE A COARSE AGGREGATE WITH A MAXIMUM SIZE OF ¾".
6. CONCRETE MIXING, TRANSPORTING, PLACING, AND CURING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF ACI 301. READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH REQUIREMENTS OF ASTM C94 OR ASTM C685.
7. SAMPLES FOR STRENGTH TESTS SHALL BE TAKEN IN ACCORDANCE WITH ASTM C172. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 150 CU YD OF CONCRETE NOR LESS THAN ONCE FOR EACH 5,000 SQ FT OF SURFACE AREA FOR SLABS OR WALLS. A STRENGTH TEST SHALL BE THE AVERAGE OF THE STRENGTHS OF TWO CYLINDERS MADE FROM THE SAME SAMPLE OF CONCRETE AND TESTED AT 28 DAYS OR AT THE TEST AGE DESIGNATED FOR DETERMINATION OF F'c.
8. CYLINDERS FOR STRENGTH TESTS SHALL BE MOLDED AND LABORATORY CURED IN ACCORDANCE WITH ASTM C31 AND TESTED IN ACCORDANCE WITH ASTM C39. RESULTS FOR ALL CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE AVAILABLE ON THE JOB SITE FOR REVIEW BY THE INSPECTOR.
9. NO CONSTRUCTION LOADS SHALL BE SUPPORTED ON, NOR ANY SHORING REMOVED FROM, ANY PART OF THE STRUCTURE UNDER CONSTRUCTION EXCEPT WHEN THAT PORTION OF THE STRUCTURE IN COMBINATION WITH REMAINING FORMING AND SHORING SYSTEM HAS SUFFICIENT STRENGTH TO SUPPORT SAFELY ITS WEIGHT AND LOADS PLACED THEREON.
10. THE CLEAR DISTANCE BETWEEN REINFORCING BARS, BUNDLED BARS, PRE-STRESSING TENDONS, AND DUCTS SHALL BE IN ACCORDANCE WITH THE LIMITATIONS OF ACI 318.
11. ALL EQUIPMENT FOR MIXING AND TRANSPORTING CONCRETE SHALL BE CLEAN. ALL DEBRIS, WATER AND ICE SHALL BE REMOVED PRIOR TO PLACING CONCRETE. FORMS SHALL BE PROPERLY COATED. MASONRY FILLER UNITS THAT WILL BE IN CONTACT WITH CONCRETE SHALL BE WELL DRENCHED. REINFORCEMENT SHALL BE CLEAN OF ICE OR OTHER DELETERIOUS COATING. ALL LAITANCE AND OTHER UNSOUND MATERIAL SHALL BE REMOVED BEFORE ADDITIONAL CONCRETE IS PLACED AGAINST HARDENED CONCRETE.
12. MINIMUM COVER FOR CAST-IN-PLACE CONCRETE REINFORCEMENT:

	MINIMUM COVER (IN)
(a) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3
(b) CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 THROUGH #18 BARS	2
#5 BAR, W31 OR D31 WIRE, AND SMALLER	1½
(c) CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLAB, WALLS, JOIST: #11 BARS AND SMALLER	¾
BEAMS, COLUMNS: PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS	1½

FOUNDATION:

1. REFER TO THE REPORT OF GEOTECHNICAL EXPLORATION DATED 09/29/2020, PROVIDED BY TERRACON CONSULTANTS, INC. FOR PROPER FOUNDATION PREPARATIONS, RECOMMENDATIONS & QUALITY CONTROL.
2. FOUNDATIONS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. THIS VALUE SHALL BE VERIFIED BY A REGISTERED SOIL ENGINEER PRIOR TO FOUNDATION CONSTRUCTION. IF ACTUAL VALUES VARY BY MORE THAN TEN PERCENT FROM DESIGN BEARING PRESSURE, FOOTINGS SHALL BE REDESIGNED. ALL FOOTINGS ARE TO BE PLACED ON UNDISTURBED ORIGINAL SOIL OR COMPACTED FILL.
3. ALL BACKFILLING SHALL BE ACCOMPLISHED USING MATERIAL CONSISTING OF CRUSHED STONE AND/OR MATERIAL APPROVED BY A REGISTERED SOILS ENGINEER. FILL MATERIAL TAKEN FROM SITE EXCAVATION SHALL HAVE OPTIMUM MOISTURE CONTENT FOR COMPACTION AND BE FREE OF ANY DEBRIS. BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY ASTM D698, IN MAXIMUM LIFTS OF EIGHT INCHES. NO BACKFILL MATERIAL SHALL BE PLACED AGAINST WALLS WITHOUT PROVISIONS FOR ADEQUATE BRACING OF THESE WALLS.
4. FILL MATERIAL SHALL BE ADEQUATELY DRAINED TO PREVENT ANY DAMAGE TO THE BUILDING'S FOUNDATION BY GROUND WATER FLOWS OR SURFACE WATER RUN-OFF.
5. REMOVE ORGANIC MATERIALS AND LARGE ROCKS AND PROVIDE TERMITE TREATMENT PRIOR TO PLACING VAPOR BARRIER AND CONCRETE SLABS.
6. ALL SOIL CONDITIONS ARE SUBJECT TO EVALUATION BY A SOILS ENGINEER PRIOR TO FOUNDATION CONSTRUCTION. SOILS WITHOUT ADEQUATE CAPACITY TO SUPPORT DESIGN LOADS MUST BE REPLACED OR MODIFIED PRIOR TO PROCEEDING WITH CONSTRUCTION.
7. PATIO SLABS ARE TO BE 4" THICK STANDARD CONCRETE SLABS WITH TURNED DOWN EDGE.
8. ALL VAPOR BARRIERS TO BE 10 MIL. POLYETHYLENE SHEETING UNLESS NOTED OTHERWISE.
9. ALL WIRE MESH AND REBARS ARE TO BE PLACED ON SUPPORTS PER ACI STANDARDS PRIOR TO POURING CONCRETE.
10. SEE ARCHITECTURAL DRAWINGS FOR CONCRETE FINISHING REQUIREMENT.
11. ALL FOUNDATIONS ARE TO BE PLACED SO THAT THE BOTTOM OF FOUNDATION EXTENDS A MINIMUM OF 12" BELOW TOP OF FINISHED GRADE.

REINFORCING:

1. CONCRETE REINFORCING STEEL SHALL COMPLY WITH THE REQUIREMENTS OF ASTM A615, GRADE 40 FOR #3 BARS AND ASTM A615, GRADE 60 FOR #4 AND LARGER BARS. WELDED-WIRE FABRIC REINFORCING TO COMPLY WITH ASTM F2453.
2. DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI 315, LATEST EDITION.
3. REINFORCING STEEL SHALL BE SPLICED ONLY AS INDICATED ON THE PLANS. WHEN SPLICE LENGTHS ARE NOT GIVEN ON THE PLANS, THEY SHALL BE TAKEN FROM THE TABLE BELOW. USE "CLASS B" LAPS UNLESS THE PLANS INDICATE "CLASS A".

BAR SIZE	CLASS "B" SPLICE	CLASS "A" SPLICE
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	63"
#8	93"	72"
#9	105"	81"
#10	118"	91"
#11	131"	101"

LAPS SHOWN ABOVE WERE CALCULATED PER ACI 318-14, EQ. 12-1 FOR MATS, WALLS, BEAMS, COLUMNS AND SLABS. VALUES ASSUMED ARE: f'c 3000 PSI, Ktr=0, 1" MIN COVER AND 2" MIN CLEAR BETWEEN BARS FOR #4, #5 AND #6 BARS, AND 1½" MIN COVER AND 3" MIN CLEAR BETWEEN BARS FOR #7 THRU #11 BARS. SHORTER LAPS MAY BE CALCULATED FOR SOME SPECIFIC CONDITIONS SUCH AS TIED BEAMS OR ADDITIONAL COVER. LAPS MUST BE INCREASED 50% PER ACI 318-08 FOR EPOXY COATED REBAR, OR 30% FOR LIGHTWEIGHT CONCRETE.

4. HORIZONTAL WALL REINFORCEMENT SHALL BE CONTINUOUS AND HAVE 90-DEGREE BENDS AND EXTENSIONS AT CORNERS AND INTERSECTIONS AS SHOWN ON TYPICAL BAR PLACING DETAILS UNLESS OTHERWISE SHOWN.
5. LAPS IN W.W.F. SHOULD BE ONE MESH PLUS TWO INCHES AT SPLICES.
6. PROVIDE EXTRA REINFORCING AROUND ALL OPENINGS, INCLUDING DOOR OPENINGS: TWO #5 BARS AT ALL FOUR SIDES OF EACH OPENING AND EXTEND 2'-0" BEYOND THE CORNERS OF THE OPENING. ADD TWO #5 BARS 4'-0" LONG AS DIAGONAL BARS AT EACH CORNER.
7. ALL BAR HOOKS SHALL BE STANDARD 90-DEGREE HOOKS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
8. SEE SECTION 7.7 OF ACI 318-14 FOR CONDITIONS NOT NOTED.
9. DESIGN OF STRUCTURAL ELEMENTS INCLUDING WALLS, FORMED SLABS, BEAMS AND COLUMNS IS IN ACCORDANCE WITH ACI 318

STRUCTURAL STEEL:

1. STRUCTURAL STEEL MATERIALS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE NOTED:
   - STRUCTURAL STEEL ..... ASTM A992 GRADE 50 U.N.
   - STEEL ANGLES, CHANNELS & PLATES ..... ASTM A36 U.N.
   - STEEL PIPES ..... ASTM A53, GRADE B
   - STEEL TUBES (HSS) ..... ASTM A500, GRADE C
   - HIGH STRENGTH BOLTS ..... ASTM A325, GALVANIZED
   - COMMON THREADED ROD ..... ASTM A36
   - HIGH STRENGTH THREADED ROD..... ASTM A449
   - NUTS ..... ASTM A563, GALVANIZED
   - UNFINISHED BOLTS ..... ASTM A307
   - WELDING ELECTRODES ..... AWS CLASS E70
2. THE STRUCTURAL STEEL FABRICATOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS NOT DETAILED HEREIN. SHOP DRAWINGS SHALL BE FULLY APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION. DESIGN OF SPECIAL CONNECTIONS BETWEEN STEEL FRAMING COMPONENTS BY OTHER THAN THE PROJECT STRUCTURAL ENGINEER-OF-RECORD SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF PROJECT. CONNECTION DESIGN INCLUDING BUT NOT LIMITED TO BRACE END CONNECTIONS, MOMENT-RESISTING CONNECTIONS, MODIFIED BEAM SEAT CONNECTIONS, AND MEMBER SPLICE CONNECTIONS. INDICATE DESIGN FORCES AND REACTIONS FOR EACH APPLICABLE CONNECTION.
3. SHOP CONNECTIONS MAY BE WELDED OR BOLTED.
4. FIELD CONNECTIONS SHALL BE BOLTED USING HIGH STRENGTH BOLTS EXCEPT WHERE FIELD WELDING IS SHOWN ON THE DRAWINGS.
5. BOLTED CONNECTIONS SHALL BE BEARING TYPE WITH THREADS INCLUDED IN THE SHEAR PLANE AND SHALL BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH RCSC-2004, "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS".
6. HIGH STRENGTH BOLTS SHALL BE ¾" DIAMETER MINIMUM UNLESS OTHERWISE NOTED.
7. THE STRUCTURAL STEEL FRAME SHALL BE BRACED IN TWO DIRECTIONS DURING CONSTRUCTION, INCLUDING HORIZONTAL BRACING AT CONCRETE FLOORS, UNTIL ALL FINAL CONNECTIONS HAVE BEEN MADE AND CONCRETE IS PLACED AND CURED.
8. ALL STRUCTURAL WELDED JOINTS SHALL CONFORM TO THE PROVISIONS OF AWS D1.1, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY.
9. PROOF OF WELDER CERTIFICATIONS SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.
10. ALL EXTERIOR AND EXPOSED STEEL SHALL BE EPOXY COATED, GALVANIZED, OR OTHERWISE PROTECTED AGAINST CORROSION AND EXPOSURE EFFECTS. COORDINATE W/ ARCH. FOR FINISH.
11. THE FASTENER SCHEDULE FOR BEAMS SHALL BE:

BEAM SIZES	# OF BOLTS
W8	= 2
W10 – W12	= 3
W14 – W16	= 4
W18 – W21	= 5
W24 – W27	= 6
W30	= 7

ABBREVIATION (ALPHABETIZED):

A.B.	=	ANCHOR BOLTS
A.F.F.	=	ABOVE FINISHED FLOOR
ARCH.	=	ARCHITECT
B.F.F.	=	BELOW FINISHED FLOOR
BTW.	=	BETWEEN
C.J.	=	CONTROL JOINT
C.I.P.	=	CAST IN PLACE
CONC.	=	CONCRETE
CONT.	=	CONTINUOUS
CONX.	=	CONNECTION
COORD.	=	COORDINATE
DBL.	=	DOUBLE JOIST
E.F.	=	EACH FACE
E.O.C.	=	EDGE OF CONCRETE
E.W.	=	EACH WAY
EXP.	=	EXPANSION
EXT.	=	EXTERIOR
F.F.E.	=	FINISH FLOOR ELEVATION
FLR.	=	FLOOR
FTG.	=	FOOTING
GYP.	=	GYPSUM BOARD
H.R.	=	HANDRAIL
HDR.	=	HEADER
HORZ.	=	HORIZONTAL
INT.	=	INTERIOR
MAX.	=	MAXIMUM
MANF.	=	MANUFACTURER
M.C.	=	MOMENT CONNECTION
MIN.	=	MINIMUM
O.C.	=	ON CENTER
O.W.T.	=	OPEN WEB TRUSS
REINF.	=	REINFORCEMENT
REQ.	=	REQUIRED
SIM.	=	SIMILAR
S.O.G.	=	SLAB ON GRADE
STD.	=	STANDARD
STL.	=	STEEL
SQ.	=	SQUARE
T&B	=	TOP & BOTTOM
TPL.	=	TRIPLE JOIST
TYP.	=	TYPICAL
ULT.	=	ULTIMATE
U.N.	=	UNLESS NOTED
U.N.O.	=	UNLESS NOTED OTHERWISE
VERT.	=	VERTICAL
W.W.M.	=	WELDED WIRE MESH

MINIMUM REQUIRED SUBMITTALS

	EPOXY & MECHANICAL ANCHORS	ROOFTOP MECHANICAL EQUIPMENT	CONC., MIX DESIGNS, AND MASONRY MATERIALS	WOOD ROOF TRUSSES	WOOD I-JOISTS	STRUCTURAL STEEL & CONNECTIONS	REBAR
PRODUCT LITERATURE	✓	✓	✓		✓		
SHOP DRAWINGS		✓			✓	✓	✓
SHOP DRAWINGS (SIGNED & SEALED)							
CALCULATIONS (SIGNED & SEALED)							
SHOP DRAWINGS & CALCULATIONS (SIGNED & SEALED)				✓			

DELEGATED (SPECIALTY) ENGINEERING REQUIREMENTS:

1. SEE "MINIMUM REQUIRED SUBMITTALS" TABLE IN THESE DRAWINGS FOR STRUCTURAL ELEMENTS/PRODUCTS WHICH REQUIRE SUBMITTALS.
2. DEFINITION OF DELEGATED (SPECIALTY) ENGINEER: A PROFESSIONAL ENGINEER, WHO IS LICENSED IN THE SAME STATE AS THE PROJECT, NOT THE STRUCTURAL ENGINEER OF RECORD, WHO SPECIALIZES IN AND WHO UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS PREPARED FOR THIS PROJECT.
3. SUBMITTALS FOR CUSTOM DESIGNED, MANUFACTURED OR FABRICATED LOAD CARRYING ITEMS, AND CUSTOM FABRICATED ITEMS THAT ARE REQUIRED BY CODES OR STANDARDS TO RESIST FORCES AND STRESSES, INCLUDING THEIR CONNECTIONS, ANCHORAGES, AND ATTACHMENTS REQUIRE A DELEGATED ENGINEER.
4. FOR EACH CATEGORY OF SUBMITTAL REQUIRING INPUT FROM A DELEGATED ENGINEER, THE CONTRACTOR SHALL ATTACH TO THE FIRST SUBMITTAL A SIGNED AND SEALED LETTER FROM THE RESPONSIBLE DELEGATED ENGINEER STATING: "I CERTIFY THAT THE DESIGN AND DRAFTING OF THE SHOP DRAWINGS WHICH ARE SIGNED AND SEALED BY ME WERE PREPARED UNDER MY DIRECT SUPERVISION AND CONTROL, AND TO THE BEST OF MY KNOWLEDGE THE SHOP DRAWINGS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND CONTRACT DRAWINGS.
5. REVIEW BY THE STRUCTURAL ENGINEER OF RECORD OF SUBMITTALS IS LIMITED TO THE FOLLOWING:
   a. THE SPECIFIED STRUCTURAL SUBMITTALS HAVE BEEN FURNISHED.
   b. THE STRUCTURAL SUBMITTALS HAVE BEEN SIGNED AND SEALED BY THE DELEGATED ENGINEER.
   c. THE DELEGATED ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND HAS USED THE SPECIFIED STRUCTURAL CRITERIA. NO DETAIL CHECK OF CALCULATIONS WILL BE MADE.
   d. THE CONFIGURATION SET FORTH IN THE STRUCTURAL SUBMITTALS IS CONSISTENT WITH THE CONTRACT DOCUMENTS. NOT DETAILED CHECK OF DIMENSIONS OR QUANTITIES WILL BE MADE.
6. SUBMITTALS NOT MEETING THE ABOVE CRITERIA WILL NOT BE REVIEWED.

SUBMITTAL NOTES:

1. THE GENERAL CONTRACTOR SHALL SUBMIT A SCHEDULE OF SUBMITTALS PRIOR TO CONSTRUCTION BEGINNING ON THE PROJECT. THE SCHEDULE SHOULD DESCRIBE WHAT EACH SUBMITTAL IS, WHETHER IT IS THE ENTIRE PACKAGE, OR BROKEN INTO PHASES FOR REVIEW.
2. THE GENERAL CONTRACTOR SHALL ALLOW FOR 10 BUSINESS DAYS OF ALL STRUCTURAL SUBMITTALS. IF THE CONTRACTOR WISHES TO EXPEDITE OR REDUCE THE REVIEW TIME, IT SHALL BE DONE FOR AN ADDITIONAL CHARGE AND MUST BE NEGOTIATED PRIOR TO THE SUBMISSION OF THE PACKAGE.
3. IN THE EVENT THAT THE CONTRACTOR ATTEMPTS TO SUBMIT THE ENTIRE PROJECT AT THE SAME TIME FOR SUBMISSION, ADDITIONAL TIME WILL BE REQUIRED BEYOND THE STANDARD 10 DAY REVIEW TIME.

SPECIAL INSPECTION:

1. REQUIREMENT IN ACCORDANCE WITH IBC SECTION 1704.3 WILL BE PROVIDED IN SEPARATE DOCUMENTS.
2. SPECIAL INSPECTION REPORTS AND FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF WORK IS APPROVED FOR OCCUPANCY.

DESIGN NOTES

REFERENCED CODES

INTERNATIONAL BUILDING CODE	IBC	2018
MINIMUM DESIGN LOADS	ASCE-7	2016
MASONRY STRUCTURES	ACI 530	2014
STRUCTURAL CONCRETE	ACI 318	2014
AISC	AISC 360	2016

LIVE LOADS

OCCUPANCY OR USE:	UNIFORM (PSF)
ROOF	20
GUEST ROOMS & CORRIDORS THAT SERVE THEM	40
CORRIDORS (1ST FLOOR ONLY) & STAIRWELLS	100

SNOW LOADS

GROUND SNOW LOAD, Pg	10 PSF
IMPORTANCE FACTOR, I_s	1.0
EXPOSURE FACTOR, Ce	0.90
THERMAL FACTOR, Ct	1.00
FLAT ROOF SNOW LOAD, Pf	6.3 PSF

WIND DESIGN CRITERIA

DESIGN SPEED:		DESIGN BASE SHEAR:	
ULTIMATE (V_{ult})	146 MPH	(X-X) =	485.6k
NOMINAL (V_{asd})	113 MPH	(Y-Y) =	120.3k
RISK CATEGORY:	II	COMPONENTS & CLADDING WIND PRESSURES:	REFER TO TABLES A/S-0.0
WIND EXPOSURE (X-X):	B	MWFRS ULTIMATE PRESSURE	36.6 PSF
WIND EXPOSURE (Y-Y):	B	ULTIMATE ROOF UPLIFT	36.3 PSF
IMPORTANCE FACTOR (I_w):	1.0	NET SERVICE UPLIFT	0.6*(36.3-15) = 12.8 PSF
INTERNAL PRESSURE COEFFICIENT:	±0.18		

SEISMIC DESIGN CRITERIA

RISK CATEGORY:	II
SEISMIC IMPORTANCE FACTOR (I_e):	I_e = 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	S_s = 0.157g S_1 = 0.069g
SITE CLASS:	D
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	S_{ds} = 0.167g S_{d1} = 0.110g
SEISMIC RESPONSE COEFFICIENT (R=6.5):	C_s = 0.0258
SEISMIC DESIGN CATEGORY:	B
SEISMIC-FORCE RESISTING SYSTEM (X-X):	LIGHT-FRAME WALLS SHEATHING WITH WOOD STRUCTURAL PANELS
RESPONSE MODIFICATION FACTOR (X-X):	R = 6.5
DESIGN BASE SHEAR (X-X):	Fx = 65.0k
SEISMIC-FORCE RESISTING SYSTEM (Y-Y):	LIGHT-FRAME WALLS SHEATHING WITH WOOD STRUCTURAL PANELS
RESPONSE MODIFICATION FACTOR (Y-Y):	R = 6.5
DESIGN BASE SHEAR (Y-Y):	Fy = 65.0k
ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE

COMPONENTS AND CLADDING ROOF, 'ULT' EXTERNAL PRESSURES (PSF)

ENCLOSED STRUCTURE; EXPOSURE 'B'; V_{ult} = 132 MPH

Ae (EFFECTIVE AREA)	ZONE 1	ZONE 2	ZONE 3
Ae < 10 SQ. FT.	+17.6, -69.0	+39.7, -91.1	+39.7, -91.1
Ae = 20 SQ. FT.	+16.5, -64.6	+37.8, -85.2	+37.8, -85.2
Ae = 50 SQ. FT.	+16.0, -58.4	+35.6, -77.5	+35.6, -77.5
Ae > 100 SQ. FT.	+16.0, -54.0	+33.8, -71.6	+33.8, -71.6

COMPONENTS AND CLADDING WALL, 'ULT' EXTERNAL PRESSURES (PSF)

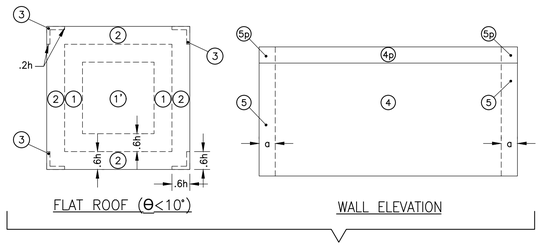
ENCLOSED STRUCTURE; EXPOSURE 'B'; V_{ult} = 132 MPH

Ae (EFFECTIVE AREA)	ZONE 4	ZONE 5	ZONE 4P & 5P
Ae < 10 SQ. FT.	+39.7, -43.0	+39.7, -52.9	+118.9, -80.3
Ae = 20 SQ. FT.	+37.8, -41.1	+37.8, -49.2	+111.1, -74.7
Ae = 50 SQ. FT.	+35.6, -38.9	+35.6, -44.8	+101.1, -68.0
Ae > 100 SQ. FT.	+33.8, -37.1	+33.8, -41.1	+93.3, -62.4

NOTES:

1. a = 6.7 ft, 0.6h = 27.6 ft
2. INTERPOLATION MAY BE UTILIZED FOR EFFECTIVE AREAS THAT OCCUR BETWEEN VALUES SHOWN IN THE TABLE.
3. PLUS AND MINUS SIGN INDICATES THE PRESSURE ACTING TOWARDS AND AWAY FROM THE SURFACES, RESPECTIVELY.
4. FORCES AND DIAGRAMS ARE BASED ON THE IBC 2018 / ASCE 7-16.

A / S-0.0 C&C WIND ZONE DIAGRAMS & PRESSURES
SCALE: N.T.S.



WOOD STRUCTURAL PANEL ROOF SHEATHING + NAILING SCHEDULE

SHEATHING THICKNESS	NAILS	PANEL LOCATION	ROOF FASTENING ZONES[c] ①	②	③
			FASTENING SCHEDULE (INCHES ON CENTER)		
½" OR LESS	8d COMMON	PANEL ED

I-JOIST:

1. SHOP DRAWINGS REQUIREMENTS:

   A. INCLUDE THE FOLLOWING ON SUBMITTED SHOP DRAWINGS:

      a. DEAD AND LIVE DESIGN LOADS IN PLF.
      b. NAME AND TRADEMARK OF JOIST FABRICATOR AND PROJECT NAME AND LOCATION.
      c. CONCENTRATED LOAD REQUIREMENTS HAVE BEEN DESIGNED FOR AND SHOWN ON DOCUMENTS.
      d. JOIST CONNECTION HARDWARE REQUIREMENTS.
      e. JOIST BLOCKING REQUIREMENTS.
      f. WEB STIFFER AND SQUASH BLOCK REQUIREMENTS.

   B. ALL JOIST SHOP DRAWINGS MUST BE REVIEWED AND WRITTEN APPROVAL PROVIDED, BY GENERAL CONTRACTOR, PRIOR TO SUBMITTAL OF SHOP DRAWINGS TO STRUCTURAL ENGINEER.

   C. SHOP DRAWINGS CAN NOT BE REVIEWED WITHOUT SEAL AND SIGNATURE OF JOIST COMPANY ENGINEER ON ALL JOIST ENGINEERING SHEETS AND LAYOUT DRAWINGS.

   D. ALL FLOOR JOIST LAYOUTS SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, PLUMBING, & ELECTRICAL DRAWINGS.

2. GENERAL REQUIREMENTS:

   A. FABRICATION OF JOISTS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH NES REPORT No. NER-200, EXCEPT WHERE THIS SPECIFICATION EXCEEDS REPORT REQUIREMENTS.

   B. MANUFACTURER'S NAME OR TRADEMARK AND JOIST TYPE SHALL BE VISIBLE ON ALL JOISTS.

   C. JOIST FABRICATOR SHALL HAVE HIS PLANT INSPECTED FOUR TIMES PER YEAR BY AN INDEPENDENT TESTING LABORATORY. REGULATIONS AND COPIES OF INSPECTIONS MADE AVAILABLE TO OWNER UPON REQUEST.

   D. JOIST FABRICATOR SHALL SPECIFY HARDWARE REQUIRED AT JOIST TO JOIST OR JOIST TO BEAM CONNECTIONS.

   E. FLOOR JOISTS SHALL BE DESIGNED FOR A LOADING COMBINATION OF 40 PSF LIVE LOAD AND 20 PSF DEAD LOAD TYP. AT BATHROOM AREA, 30PSF DEAD LOAD. JOIST DESIGN SHALL ACCOMMODATE A MAXIMUM DEFLECTION OF L/480 (LIVE LOAD) AND L/360 (TOTAL LOAD).

WOOD STUD WALL SCHEDULE NOTES:

1. 2x4 AND 2x6 STUD MATERIAL:
   COMMERCIAL GRADE..... #2
   SPECIES..... SPRUCE-PINE-FIR
   GRADING RULES AGENCY..... NLGA
   MOISTURE CONTENT..... ≤ 19%
   (Fb=875 psi; Fc parallel=1150 psi; E=1400 ksi)

2. MID-POINT BLOCKING: PROVIDE MIN. ONE ROW OF HORIZONTAL BLOCKING @ MIDPOINT OF STUD WALL.

3. LOAD BEARING STUD WALLS TO HAVE 2x4 OR 2x6 DOUBLE TOP PLATES AND 2x4 OR 2x6 SINGLE BOTTOM PLATES. MATERIAL FOR PLATES TO BE NO. 2 SOUTHERN PINE P.T. FOR SILL PLATE IN CONTACT WITH FOUNDATION, AND NO. 2 SPRUCE-PINE-FIR FOR PLATES ABOVE GROUND LEVEL. PROTECT ALL WOOD FRAMING FROM MOISTURE ON THE JOBSITE. IT IS RECOMMENDED THAT ALL HORIZONTAL PLATES HAVE A MOISTURE CONTENT OF 15% OR LESS TO REDUCE SHRINKAGE EFFECTS.

4. NON-LOAD BEARING WALLS THAT ARE NOT SHEAR WALLS SHALL BE UTILITY GRADE SPF OR BETTER @ 24" O.C. MAX. WITH SINGLE UTILITY TOP & SINGLE UTILITY BOTTOM PLATE. SILL PLATE IN CONTACT WITH FOUNDATION SHALL BE NO. 3 SOUTHERN PINE PT.

5. STUDS INDICATED IN THIS SCHEDULE ARE DESIGNED WITH THE ASSUMPTION THAT SHEATHING (EITHER GYPSUM OR OSB/PLYWOOD) IS ATTACHED TO ONE (1) 1½" WIDE FACE OF EACH STUD CONTINUOUSLY PER THE INDICATED ATTACHMENT SPACING IN THE FINAL CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE TEMPORARY BRACING UNTIL ALL ELEMENTS SHOWN ARE IN PLACE.

6. EACH LAYER OF MULTIPLE STUDS SHALL BE NAILED TO ADJACENT STUDS WITH (2)10d NAILS @ 8" O.C. STUD POST SIZE SHALL MATCH STUD WALL SIZE, EXCEPT AS NOTED ON PLAN.

7. ALL WOOD POSTS ARE DESIGNED WITH THE ASSUMPTION THAT SHEATHING (EITHER GYPSUM OR OSB/PLYWOOD) IS ATTACHED TO A MINIMUM OF ONE (1) FACE OF EACH POST CONTINUOUSLY PER THE INDICATED WALL ATTACHMENT SPACING IN THE FINAL CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE TEMPORARY BRACING UNTIL ALL ELEMENTS SHOWN ARE IN PLACE.

8. CUTTING AND NOTCHING OF ALL LOAD BEARING STUDS SHALL NOT EXCEED A DEPTH OF 25% OF THE STUD WIDTH (⅜" FOR 2x4 STUDS). NOTCHES EXCEEDING 25% OF STUD WIDTH AND LESS THAN 2½" SHALL BE REINFORCED WITH A SIMPSON SS STUD SHOE. CONTACT THE STRUCTURAL ENGINEER OF RECORD AT LOCATIONS REQUIRING LARGER NOTCHES. POSTS SHALL NOT BE CUT OR NOTCHED UNLESS SPECIFICALLY NOTED IN THESE DRAWINGS.

9. BORING OF ANY STUD WALL SHALL NOT EXCEED 40% OF STUD WIDTH OR BE CLOSER THAN ⅝" FROM EITHER EDGE OF THE STUD. IF A BORED HOLE IS BETWEEN 40% AND 60% OF THE STUD WIDTH, THE NUMBER OF STUDS AT THE LOCATION OF THE BORED HOLE SHALL BE DOUBLED AND NO MORE THAN TWO SUCCESSIVE STUD GROUPS SHALL BE BORED. POSTS SHALL NOT BE BORED UNLESS SPECIFICALLY NOTED IN THESE DRAWINGS.

ROOF FRAMING NOTES:

1. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.

2. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.N.O.

MANUFACTURED ROOF TRUSS NOTES:

1. MFR'D ROOF TRUSSES ARE AT 24" O.C. U.N.O.

2. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DWGS AND CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF GEORGIA). SUBMIT SHOP DWGS AND CALCS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DWGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT.

3. WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER ACCORDING TO THE FOLLOWING PROVISIONS:

   a. THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND THE "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION" BY THE TRUSS PLATE INSTITUTE APPLY.

   b. A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF PROJECT, SHALL PERFORM THE DESIGN. DESIGN SHALL INCLUDE ALL CONNECTIONS AND ATTACHMENTS REQUIRED FOR A COMPLETE INSTALLATION USING THE DESIGN LOADS SHOWN ON PLANS.

   c. DESIGN CALCULATIONS AND SHOP DRAWINGS, INCLUDING ERECTION PLANS, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.

   d. ALL REQUIRED BRACING SHALL BE SHOWN ON THE ERECTION PLANS PREPARED BY THE FABRICATOR.

   e. TRUSSED RAFTERS SHALL BE ANCHORED TO PLATES WITH SIMPSON TBE CONNECTOR (OR APPROVED EQUAL), AT EACH END OF EACH TRUSS.

   f. ALL TRUSS CONNECTOR PLATES SHALL BE MANUFACTURED FROM ASTM A446-72 GRADE A GALVANIZED STEEL OF NO LESS THAN 20 GAGE THICKNESS WITH A MINIMUM YIELD OF 33,000 PSI AND AN ULTIMATE TENSILE STRENGTH OF 45,000 PSI.

   g. ALL ROOF TRUSSES ARE TO HAVE METAL STRAPS AT EACH END TO RESIST UPLIFT FORCES. STRAPS ARE TO BE ATTACHED IN ACCORDANCE WITH SUPPLIER SPECIFICATIONS. CONTRACTOR VERIFY THAT THE ROOF CLIPS CALLED OUT ON THE STRUCTURAL DRAWINGS WILL RESIST FORCES CALLED OUT ON THE TRUSS SHOP DRAWINGS AND PROVIDE ADDITIONAL CLIPS IF REQUIRED.

   h. ROOF SYSTEM DEAD LOADS: 10 PSF TOP CHORD, 10 PSF BOTT CHORD

   i. ROOF SYSTEM DEFLECTION REQUIREMENTS: TL: L/240, LL: L/360

4. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE".

5. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS.

6. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.

7. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

8. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.

9. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTOR'S EXPENSE.

WOOD:

1. ALL CONVENTIONAL TIMBER CONSTRUCTION SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE AMERICAN FOREST AND PAPER ASSOCIATION. ALL STUDS SHALL BE #2 SPRUCE-PINE-FIR OR BETTER. ALL OTHER TIMBER SHALL BE STRUCTURAL GRADED #2 SOUTHERN PINE OR BETTER UNLESS NOTED OTHERWISE. PLYWOOD CONSTRUCTION SHALL UTILIZE AMERICAN PLYWOOD ASSOCIATION RATED MATERIALS.

2. ALL TIMBER IN CONTACT WITH CONCRETE OR MASONRY WITHIN 6" OF GRADE, OR REMAIN EXPOSED TO WEATHER SHALL BE PRESSURE TREATED #2 SOUTHERN PINE.

3. AT LOAD BEARING WALLS, TOP PLATE SHALL BE DOUBLE, SILL PLATE SHALL BE SINGLE.

4. ROOF SHEATHING SHALL BE 40/20 $19/32$" MIN. APA RATED SHEATHING U.N.O., LAID WITH FACE GRAIN PERPENDICULAR TO THE FRAMING AND STAGGERED 4'-0". MINIMUM NAILING SHALL BE 8d NAILS @ 6" O.C. (SEE B/S-0.0). ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT.

5. SUB-FLOOR SHEATHING SHALL BE 48/24 ¾" APA RATED PLYWOOD U.N.O. GLUED AND NAILED TO JOISTS. MINIMUM NAILING SHALL BE:
   - 8d NAILS @ 6" O.C. ON PANEL EDGES & 12" O.C. AT INTERIOR SUPPORTS.

6. WHERE EDGES OF ROOF AND FLOOR SHEATHING DO NOT ALIGN WITH A JOIST, PROVIDE WOOD BLOCKING WITH MINIMUM 2" NOMINAL WIDTH FOR EDGE FASTENING.

7. ALL EXTERIOR WALL SHEATHING SHALL BE $15/32$" PLYWOOD U.N.O.. SHEATHING TO BE FASTENED WITH 8d NAILS @ 6" O.C. AT EDGES, AND @ 12" O.C. AT FIELD. FOR SHEAR PANEL NAILING, SEE SCHEDULE ON S-0.2. CONTRACTOR TO INSPECT ALL NAILING BEFORE EXTERIOR VENEER IS PLACED. DRYWALL NAILING TO BE APPROVED BEFORE TAPING.

8. ALL LOAD BEARING AND EXTERIOR WALLS, SEE SCHEDULE ON S-0.1.

9. PLACE (2) STUDS MINIMUM IN WALLS FOR BEARING OF ALL BEAM, GIRDER, HIP, VALLEY MEMBERS U.N.O AS GREATER ON PLANS. EACH LAYER OF GANGED STUDS SHALL BE NAILED TO ADJACENT STUDS WITH 10d NAILS @ 8" O.C. STAGGERED. CONTINUE ALL POSTS DOWN TO FOUNDATION OR TRANSFER BEAMS BELOW.

10. BEAMS DESIGNATED ON THE PLANS AS LVL OR PSL SHALL BE LAMINATED VENEER LUMBER AS MANUFACTURED BY TRUS-JOIST, BOISE CASCADE, OR APPROVED ALTERNATE WITH ALLOWABLE DESIGN STRESSES NO LESS THAN:
    MODULUS OF ELASTICITY = 1700 KSI
    BENDING = 2650 PSI
    SHEAR = 285 PSI
    COMPRESSIVE PARALLEL TO GRAIN = 2350 PSI
    COMPRESSIVE PERPENDICULAR TO GRAIN = 450 PSI

11. DURING CONSTRUCTION, PROVIDE BRACING FOR FRAMING UNTIL ALL ELEMENTS FOR EXTERIOR SHEAR WALLS AND FLOOR DIAPHRAGMS ARE IN PLACE.

12. UNLESS DETAILED SPECIFICALLY OTHERWISE, USE A METAL CONNECTOR AT ALL BEAM & TRUSS SUPPORTS, BEAM TO BEAM, POST TO BEAM, AND POST TO FLOOR CONNECTIONS. USE SIMPSON PRODUCTS, OR AN APPROVED EQUAL, SIZED ACCORDING TO MANUFACTURERS' RECOMMENDATIONS FOR CONNECTION TYPE AND LOADS ENCOUNTERED.

13. PROVIDE ½"ø ANCHOR BOLT W/ NUT & WASHER AT SILL PLATE, SPACED @ 2'-0" O.C. WITH A MINIMUM OF (2) ANCHOR BOLTS PER WALL SEGMENT. ONE BOLT SHALL BE LOCATED NO LESS THAN 4" AND NO MORE THAN 12" FROM EACH END OF THE WALL SEGMENT. WASHER TO BE MINIMUM 2½"x2½"x¼" STEEL PLATE. SEE SCHEDULE 2/S-0.2 FOR HOLDOWNS REQUIRED AT ENDS OF SHEAR WALLS.

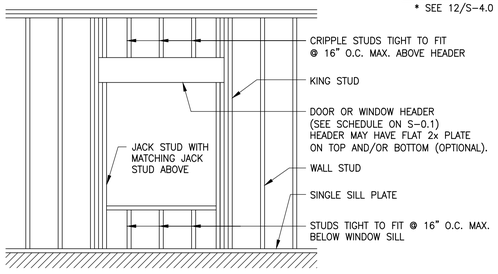
14. CONNECTORS AND FASTENERS FOR PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE, OR COPPER INCLUDING BUT NOT LIMITED TO ANCHOR BOLTS, POWDER ACTUATED FASTENERS, NAILS, SCREWS, BOLTS, AND METAL FRAMING HARDWARE. ZINC COATING WEIGHTS SHALL COMPLY WITH THE REQUIREMENTS INCLUDED IN IBC SECTION 2304.9.5 FOR THE APPROPRIATE USE.

15. ALL NAILS REFERENCED IN THE DRAWINGS (UNLESS NOTED OTHERWISE) ARE COMMON WIRE NAILS TO BE SIZED AS FOLLOWS:
    8D = 0.131"ø
    10D = 0.148"ø
    16D = 0.162"ø

JOIST HANGER SCHEDULE TYP. U.N.

JOIST SIZE	JOIST HANGER
2x10 OR 2x12	LUS210
11.875" BCI 4500s	BA2.37/11.88 (TOP-MOUNT)
11.875" BCI 4500s	IUS2.37/11.88 (FACE-MOUNT)
(2) 11.875" BCI 4500s	BA4.75/11.88 (TOP-MOUNT)
(2) 11.875" BCI 4500s	MIU4.75/11 (FACE-MOUNT)

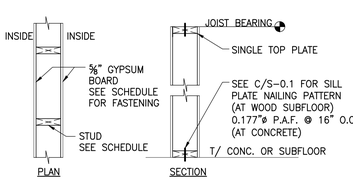
* SEE 12/S-4.0 FOR DBL JOIST CONSTRUCTION



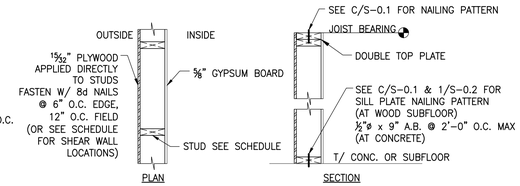
WOOD JACK/KING STUD SCHEDULE

STUDS	JACK STUD	KING STUD
(5) GANGED STUDS	(3) STUDS	(2) STUDS
(4) GANGED STUDS	(2) STUDS	(2) STUDS
(3) GANGED STUDS	(2) STUDS	(1) STUD

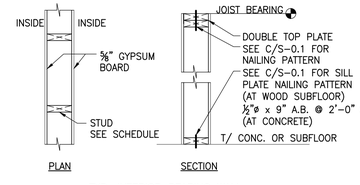
A / S-0.1 TYP. WOOD FRAMING AT OPENING
SCALE: N.T.S.



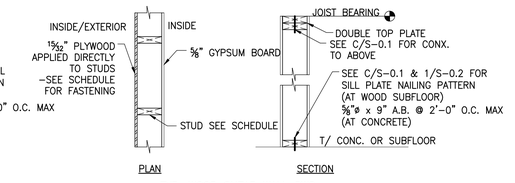
TYP. INTERIOR NON-LOAD BEARING WALL



TYP. EXTERIOR WALL & SW1



TYP. INTERIOR BEARING WALL



TYP. WOOD SHEAR WALL SW2

B / S-0.1 WALL SHEATHING & ATTACHMENT DETAILS
SCALE: N.T.S.

NOTES:
1. FOR FIREWALLS SEE ARCH. DRAWING.
2. 0.177"ø POWDER ACTUATED FASTENERS TO HAVE ½" MIN. PENETRATION.
3. ½"ø ANCHORS TO HAVE 7" MIN. EMBEDMENT.
4. FOR ⅝"ø & ¾"ø ANCHOR BOLTS, PROVIDE STEEL PLATE WASHERS AS FOLLOWS:
   2x4 WALL ..... 2½"x2½"x¼" MIN.
   2x6 WALL ..... 4½"x4½"x¼" MIN.

WALL PLATE FASTENING SCHEDULE

FLOOR SYSTEM	WALL TYPE	WALL ABOVE SILL PLATE NAILING PATTERN	WALL BELOW TOP PLATE NAILING PATTERN
ROOF	LOAD-BEARING OR EXTERIOR WALL	N/A	(2) SDWC15600 SCREWS INTO EACH JOIST
	NON-LOAD BEARING WALL	N/A	10d @ 6" O.C.
4TH	LOAD-BEARING OR EXTERIOR WALL	(2) SDWC15600 SCREWS INTO EACH JOIST	(2) SDWC15600 SCREWS INTO EACH JOIST
	NON-LOAD BEARING WALL	16d @ 16" O.C.	10d @ 6" O.C.
3RD	LOAD-BEARING OR EXTERIOR WALL	(3) 10d NAILS INTO EACH JOIST	(3) 16d NAILS INTO EACH JOIST
	NON-LOAD BEARING WALL	16d @ 12" O.C.	16d @ 6" O.C.
2ND	LOAD-BEARING OR EXTERIOR WALL	(3) 10d NAILS INTO EACH JOIST	(3) 16d NAILS INTO EACH JOIST
	NON-LOAD BEARING WALL	16d @ 12" O.C.	16d @ 6" O.C.

NOTE: FOR INTERIOR LOAD BEARING WALLS, TOP PLATE NAILING TO BE USED FOR TOE NAILING JOIST TO TOP PLATE. SEE 1/S-0.2 FOR ADD'L SHEAR WALL ATTACHMENT REQUIREMENTS.

C / S-0.1 WALL PLATE FASTENING SCHEDULE
SCALE: 1"=1'-0"

WOOD HEADER SCHEDULE (U.N.O.)

SPAN LESS THAN	LOAD BEARING WALLS	EXTERIOR WALLS	NON LOAD BEARING WALLS
4'-0"	(3)2x10	(2) 16" LVL	(2)2x6
5'-0"	(3)2x12	(2) 16" LVL	(2)2x6
6'-0"	(2) 1¾"x9¼" LVL	(2) 16" LVL	(2)2x8
7'-6"	(3) 1¾"x9¼" LVL	(2) 16" LVL	(2)2x8
9'-6"	(3) 1¾"x11¼" LVL	(2) 16" LVL	(2)2x8
10'-0" AND OVER	REQUIRES SPECIAL ANALYSIS		

NOTES:
1. PROVIDE MIN. HEADER POST AS FOLLOWS:
   1ST FLOOR = (2) JACK STUDS + (2) KING STUDS
   2ND TO 4TH = (2) JACK STUDS + (1) KING STUDS

JOIST HANGER SCHEDULE TYP. U.N.

JOIST SIZE	JOIST HANGER
2x8	LU26
2x12	LUS210
(2) 2x12	LUS210-2
2x10	LUS210
(2) 2x10	LUS210-2
11⅞" I-JOIST	PER JOIST PROVIDER (INCLUDE IN JOIST SHOPS)

NOTE: FOR ALL HANGERS, USE MAXIMUM FASTENING OPTIONS AS SPECIFIED BY SIMPSON.

TYP. STUD WALL SCHEDULE (U.N.O.)

WALL LEVEL	1ST FLOOR	2ND FLOOR	3RD FLOOR	4TH FLOOR
MAXIMUM WALL HEIGHT	10'-9"	9'-3"	9'-3"	9'-3"
TYP. 2x4 CORRIDOR WALL	(2) 2x4 @ 16" O.C.	(2) 2x4 @ 16" O.C.	2x4 @ 16" O.C.	2x4 @ 16" O.C.
TYP. EXTERIOR WALL	(2) 2x6 @ 16" O.C.	2x6 @ 16" O.C.	2x6 @ 16" O.C.	2x6 @ 16" O.C.
TYP. PARTY WALL AND TYP. INTERIOR SHEAR WALL	(2) 2x6 @ 16" O.C.	2x6 @ 16" O.C.	2x6 @ 16" O.C.	2x6 @ 16" O.C.
TYP. 2x4 LOAD-BEARING PARTY WALL	(3) 2x4 @ 12" O.C.	(2) 2x4 @ 16" O.C.	2x4 @ 16" O.C.	2x4 @ 16" O.C.
TYP. NON LOAD-BEARING NON SHEAR WALL	2x4 OR 2x6 @ 16" O.C.	2x4 OR 2x6 @ 24" O.C.	2x4 OR 2x6 @ 24" O.C.	2x4 OR 2x6 @ 24" O.C.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

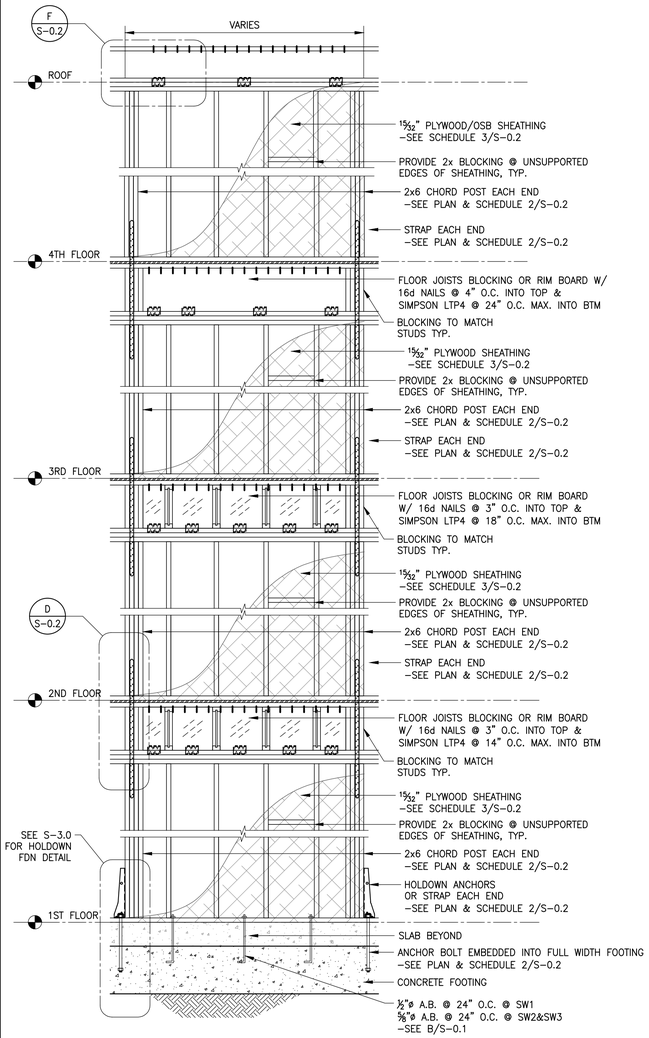
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FRAMING SCHEDULES & MASONRY DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-0.1

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471



1 S-0.2 TYPICAL WOOD SHEAR WALL ELEVATION
SCALE: 1/2"=1'-0"

SHEAR WALL NOTES

1. WOOD SHEAR WALL FRAMING SHALL BE BUILT OF WOOD STUDS SPACED PER STUD WALL SCHEDULE ON S-0.1. SHEATHING SHALL BE 15/32" PLYWOOD (5-PLY APA RATED 32/16, EXPOSURE 1) INSTALLED ON ONE SIDE OF WALL.
2. INSTALL (2) TO (5) 2x6 STUDS AND SIMPSON HOLDOWN ANCHORS OR STRAPS AT EACH END OF SHEAR WALL AS INDICATED ON PLAN & SCHEDULE 2/S-0.2. HOLDOWNS MAY BE INSTALLED ON EITHER SIDE OF END POST.
3. EXTEND SHEATHING TO TOP OF SHEAR WALL DOUBLE TOP PLATE AND ATTACH WITH THE SPECIFIED EDGE NAILING. AT PERFORATED SHEAR WALLS, PROVIDE EDGE NAILING PATTERN AROUND ALL OPENINGS.
4. INSTALL SOLID BLOCKING (BETWEEN STUDS) AT ALL JOINTS BETWEEN SHEATHING.
5. LAP DOUBLE TOP PLATES 4'-0" MIN.

SHEAR WALL END CHORD + CONNECTION SCHEDULE

WHERE TYPICAL WALLS INTERSECT, USE THE HIGHER CAPACITY POST & HOLD DOWN FROM THIS SCHEDULE. PROVIDE CRUSH BLOCKING IN FLOOR GAP TO MATCH POST BELOW.

CALLOUT	ITEM	1ST FLOOR	2ND FLOOR	3RD FLOOR	4TH FLOOR
EP1	MIN. CHORD POST	(5) 2x6 STUDS	(3) 2x6 STUDS	(2) 2x6 STUDS	(2) 2x6 STUDS
	MIN. HOLD DOWN	HDU4	CS16 W/ (22) 10d NAILS	CS18 W/ (16) 10d NAILS	CS18 W/ (16) 10d NAILS
EP2	MIN. CHORD POST	(5) 2x6 STUDS	(3) 2x6 STUDS	(2) 2x6 STUDS	(2) 2x6 STUDS
	MIN. HOLD DOWN	HDU8	CS16 W/ (22) 10d NAILS	CS16 W/ (22) 10d NAILS	CS18 W/ (16) 10d NAILS
EP3	MIN. CHORD POST	(5) 2x6 STUDS	(4) 2x6 STUDS	(3) 2x6 STUDS	(2) 2x6 STUDS
	MIN. HOLD DOWN	HDU14	CMST14 W/ (34) 16d NAILS	CMST14 W/ (34) 16d NAILS	CS14 W/ (20) 10d NAILS

1. FOLLOW ALL MANUFACTURER INSTALLATION INSTRUCTIONS. ANCHOR BOLTS TO BE EPOXIED INTO FOUNDATIONS WITH 'HILTI HY-200' ADHESIVE. EMBEDMENT DEPTHS LISTED ARE THE LENGTH REQUIRED BELOW THE FULL FOOTING WIDTH. RODS AS FOLLOWS:
   - HDU4: ⅝"ø A36 THRD ROD/ANCHOR BOLT, EMBED 6" MIN.
   - HDU8: ⅞"ø A36 THRD ROD/ANCHOR BOLT, EMBED 8" MIN. @ FTG
   - HDU14: 1"ø A36 THRD. ROD/ANCHOR BOLT, EMBED 12" MIN. @ FTG
2. FOLLOW ALL MANUFACTURER INSTALLATION INSTRUCTIONS. STRAP TIE 'END LENGTH' DENOTES LENGTH FASTENED TO EACH MEMBER.
3. TOTAL STRAP NAILS SHOWN IN TABLE, ½ INTO EACH END LENGTH.

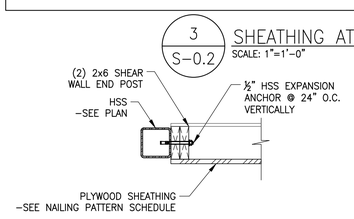
2 S-0.2 SHEAR WALL END CHORD & CONNECTION SCHEDULE
SCALE: 1"=1'-0"

SHEATHING ATTACHMENT SCHEDULE

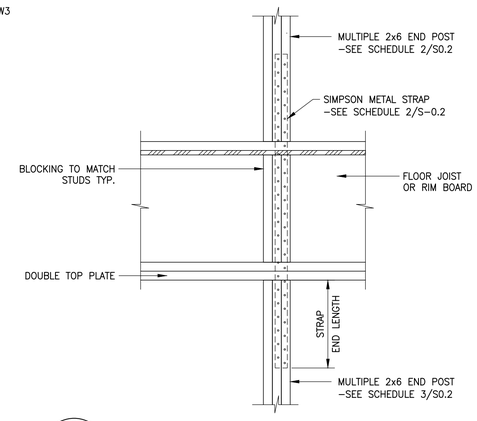
CALLOUT	SHEATHING TYPE	FASTENER	FASTENER SPACING			
			1ST	2ND	3RD	4TH
SW1	15/32" PLYWOOD[1] CONTINUOUS	8d NAIL	N/A	4" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED	4" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED	6" O.C. @ EDGE 12" O.C. @ FIELD EDGES BLOCKED
SW2	15/32" PLYWOOD[1] CONTINUOUS	8d NAIL	3" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED	3" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED	4" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED	4" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED
SW3	15/32" PLYWOOD[1] CONTINUOUS DOUBLE SIDED	8d NAIL	2" O.C. @ EDGE 6" O.C. @ FIELD EDGES BLOCKED	N/A	N/A	N/A

1. 15/32" PLYWOOD SHEATHING TO BE 5-PLY APA RATED 32/16, EXPOSURE 1.

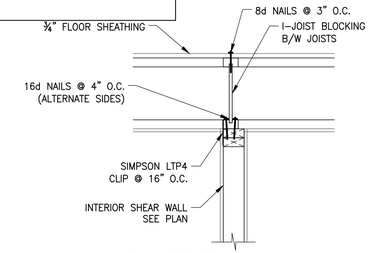
3 S-0.2 SHEATHING ATTACHMENT SCHEDULE
SCALE: 1"=1'-0"



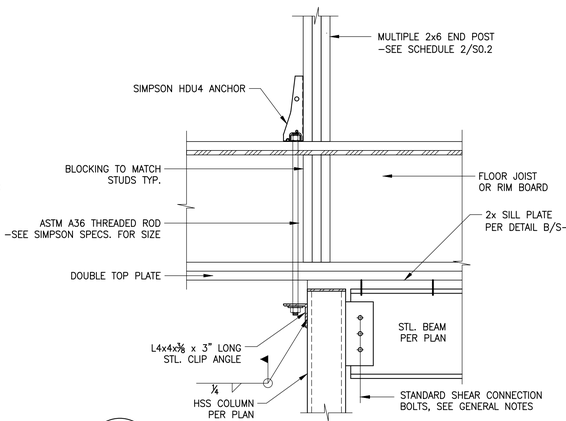
B S-0.2 SHEAR WALL ANCHORAGE TO STL POST PLAN VIEW
SCALE: 1"=1'-0"



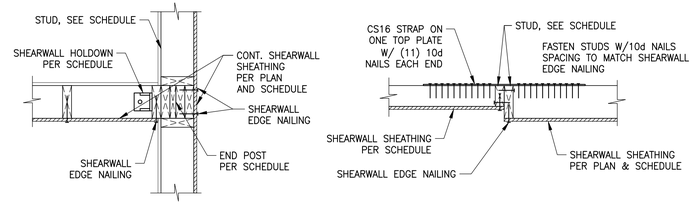
D S-0.2 SHEAR WALL TRANSITION BETWEEN FLOORS
SCALE: 1"=1'-0"



C S-0.2 NON-BEARING SHEAR WALL TOP ATTACHMENT
SCALE: 1"=1'-0"

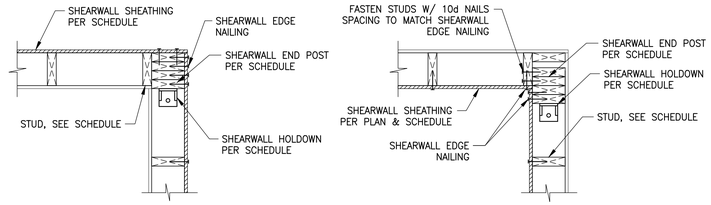


E S-0.2 END POST TRANSITION TO STL. POST
SCALE: 1"=1'-0"



INTERSECTING SHEAR WALLS

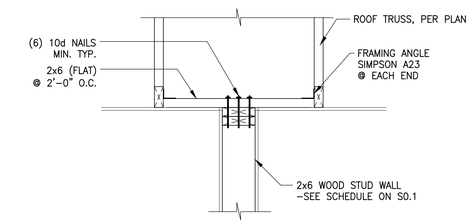
SHEAR WALLS W/ CHANGE IN WALL THICKNESS



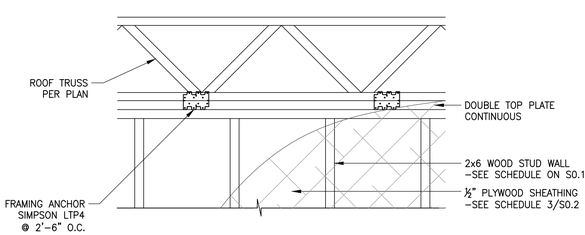
SHEAR WALL @ OUTSIDE CORNER

SHEAR WALL @ INSIDE CORNER

A S-0.2 TYP. SHEARWALL SHAPE TRANSITION FRAMING @ HOLD DOWN
SCALE: 1"=1'-0"

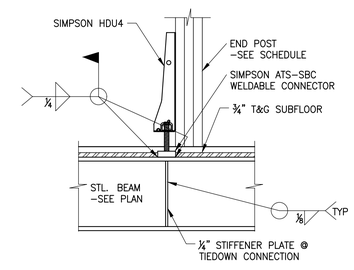


SHEAR WALL BETWEEN ROOF FRAMING



SHEAR WALL ALIGNED WITH ROOF TRUSS

F S-0.2 SHEAR WALL DETAIL @ FLOOR TRUSS
SCALE: 1"=1'-0"



G S-0.2 TYP. SHEARWALL CONX. TO STL.
SCALE: 1"=1'-0"

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

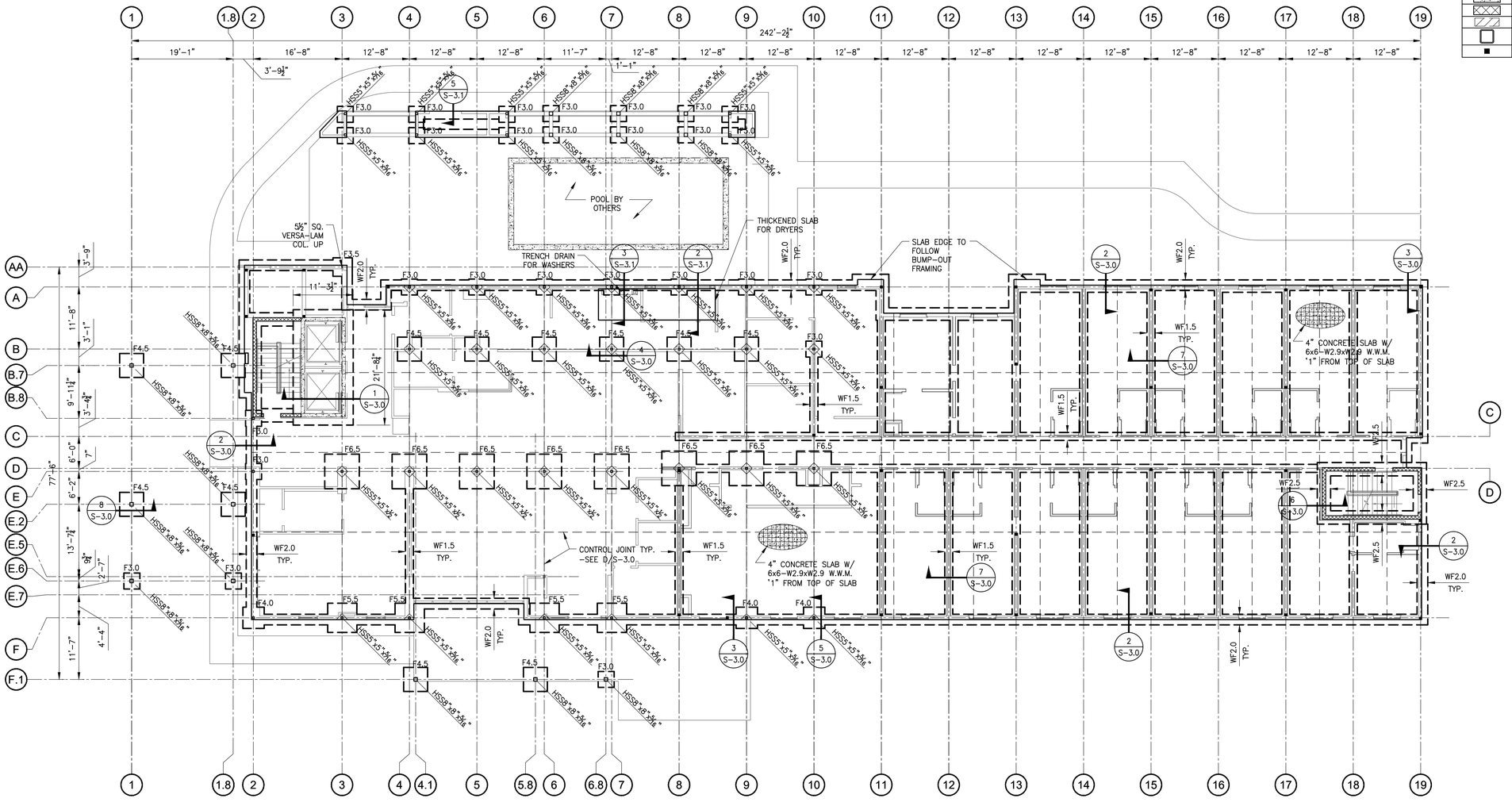
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SHEAR WALL ELEVATION & NOTES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-0.2

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471



LEGEND	
×	POST UP, P4 TYP. U.N.O.
○	POST DOWN, P4 TYP. U.N.O.
⊗	POST THRU, P4 TYP. U.N.O.
P3	(3) GANGED STUDS
P4	(4) GANGED STUDS
P5	(5) GANGED STUDS
	CONC. WALL
	CMU WALL
	LOAD BEARING WALL
	HSS STL POST SEE PLAN FOR DIMENSIONS
■	SW HOLDOWN

FOOTING SCHEDULE

SOIL BEARING PRESSURE = 3,000 PSF

NOTE: SOIL BEARING PRESSURE MUST BE VERIFIED IN FIELD BY A QUALIFIED SOIL'S ENGINEER PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF RECORD IF LESSER VALUE IS FOUND IN THE FIELD.

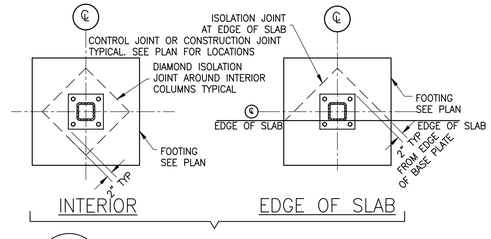
MARK	DIMENSIONS	THICKNESS	REINFORCING
WF1.5	1'-6" CON.T	24" @ EXT. 12" @ INT.	(3) #4 CONT. @ 6" O.C., #4 TRANSVERSE @ 18" O.C.
WF2.0	2'-0" CONT.	24" @ EXT. 12" @ INT.	(3) #5 CONT. @ 9" O.C., #4 TRANSVERSE @ 18" O.C.
WF2.5	2'-6" CONT.	24" @ EXT. 12" @ INT.	(4) #5 CONT. @ 8" O.C., #4 TRANSVERSE @ 18" O.C.
F3.0	3'-0" SQ.	14"	(5) #4 @ 7" O.C. E.W. TOP (@ CANOPY ONLY) (6) #4 @ 6" O.C. E.W. @ BOTTOM
F3.5	3'-6" SQ.	14"	(6) #4 @ 7" O.C. E.W. @ BOTTOM
F4.0	4'-0" SQ.	14"	(5) #5 @ 10" O.C. E.W. @ BOTTOM
F4.5	4'-6" SQ.	14"	(8) #5 @ 11" O.C. E.W. @ BOTTOM
F5.0	5'-0" SQ.	16"	(6) #5 @ 10" O.C. E.W. @ BOTTOM
F5.5	5'-6" SQ.	16"	(7) #5 @ 9" O.C. E.W. @ BOTTOM
F6.5	6'-6" SQ.	16"	(10) #5 @ 7" O.C. E.W. @ BOTTOM

FOUNDATION PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES, SEE S-0.0.
2. FOR ALL WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. TYP. POST SIZE (U.N. ON PLAN OR SCHEDULE):
   1ST TO 2ND FLOOR = P4 TYP. U.N.
   2ND FLOOR TO ROOF = P3 TYP. U.N.
4. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
5. ALL DIMENSIONS ARE TO ℄ OF POST OR WALL TYP.
6. TYP. T/FTG FOR STEEL COLUMN:
   INTERIOR = 8" BELOW F.F.E.
   EXTERIOR = 18" BELOW F.F.E.
7. 1ST FLOOR F.F.E. = 0'-0" TYP. U.N.O.
8. CONTROL JOINTS IN THE CONCRETE SLAB ON GRADE THAT ARE LOCATED IN THE SAME PLANE AS LOAD-BEARING WALLS SHALL BE OFFSET 6" MINIMUM. FROM FACE OF WALL.



A / S-1.0 COLUMN ISOLATION JOINT DETAIL

SCALE: 1/2"=1'-0"

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

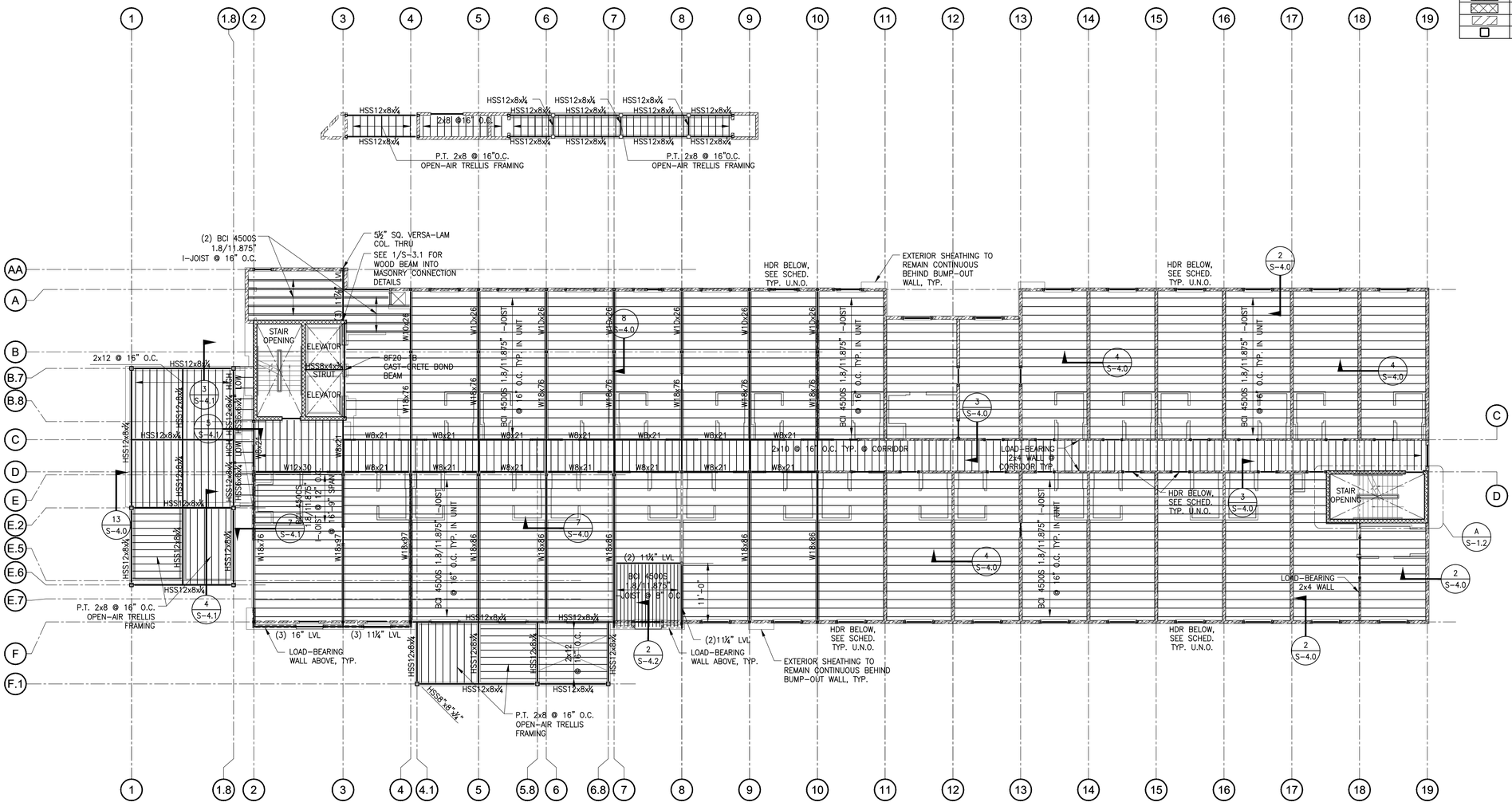
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FOUNDATION PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-1.0

LEGEND	
X	POST UP, P3 TYP. U.N.O.
O	POST DOWN, P4 TYP. U.N.O.
⊗	POST THRU, P3 TYP. U.N.O.
P3	(3) GANGED STUDS
P4	(4) GANGED STUDS
P5	(5) GANGED STUDS
	CONC. WALL
	CMU WALL
	LOAD BEARING WALL
	HSS5x5 POST



2ND FLOOR FLOOR FRAMING PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES, SEE S-0.0.
2. FOR ALL WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. TYP. POST SIZE (U.N. ON PLAN OR SCHEDULE):
   1ST TO 2ND FLOOR = P4 TYP. U.N.
   2ND FLOOR TO ROOF = P3 TYP. U.N.
4. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
5. ALL DIMENSIONS ARE TO ℄ OF WALL.
6. 2ND FLOOR F.F.E. = 12'-0" TYP. U.N.O.
7. SEE S-2.1 FOR SHEAR WALL PLAN.
8. SEE S-0.2 FOR SW DETAILS.
9. T/STL @ BLDG. = -¾" BELOW F.F.E. U.N.O., ARCH TO CONFIRM.
10. T/STL @ CANOPY = 12'-4" (SEE 6/S-4.1).

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

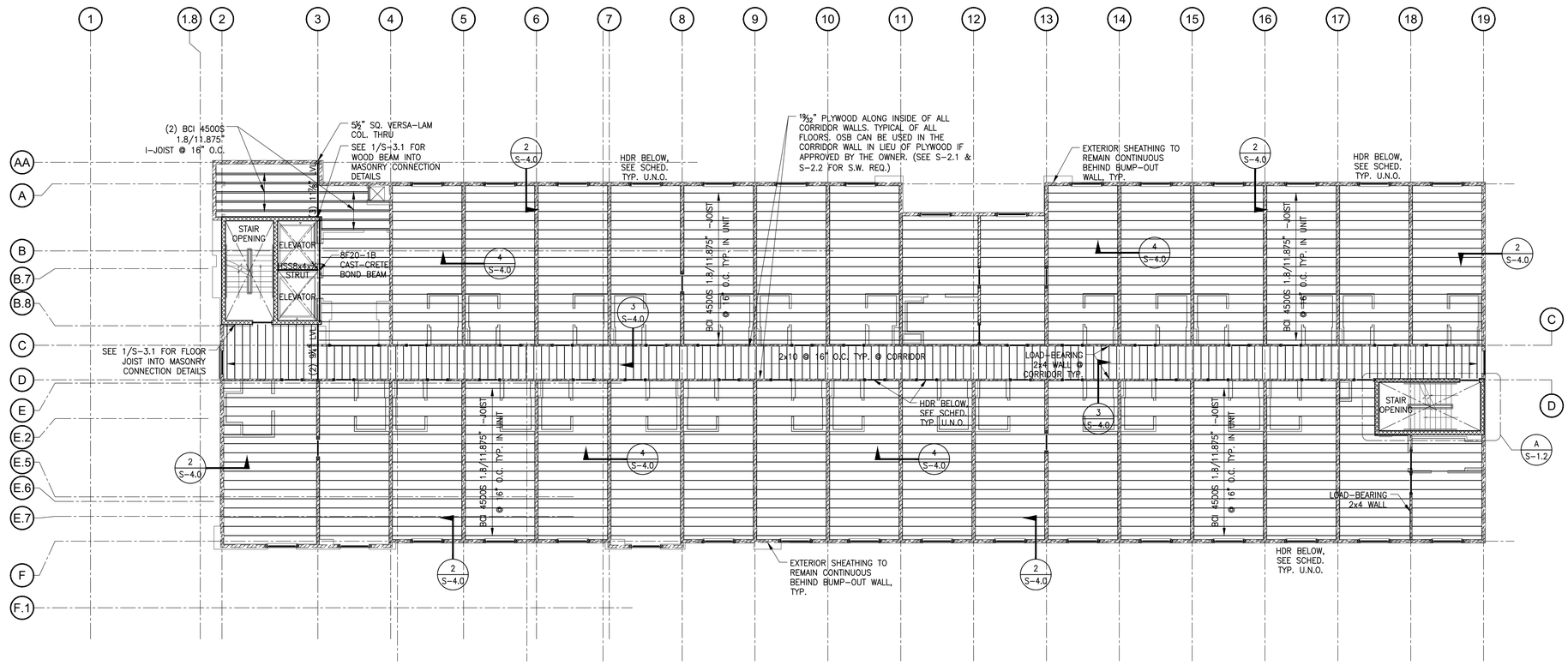
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

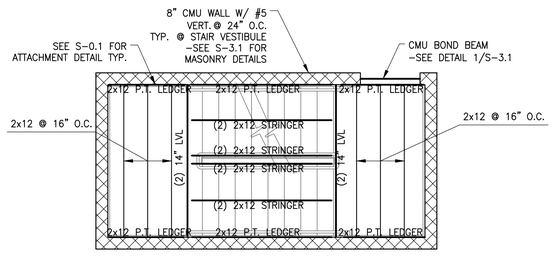
LAYOUT:
SECOND FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-1.1

LEGEND	
⊗	POST UP, P3 TYP. U.N.O.
○	POST DOWN, P3 TYP. U.N.O.
⊗	POST THRU, P3 TYP. U.N.O.
P3	(3) GANGED STUDS
P4	(4) GANGED STUDS
P5	(5) GANGED STUDS
	CONC. WALL
	CMU WALL
	LOAD BEARING WALL





A S-1.2 STAIR VESTIBULE FRAMING
SCALE: N.T.S.

3RD & 4TH FLOOR FLOOR FRAMING PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES, SEE S-0.0.
2. FOR ALL WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. TYP. POST SIZE (U.N. ON PLAN OR SCHEDULE):
   1ST TO 2ND FLOOR = P4 TYP. U.N.
   2ND FLOOR TO ROOF = P3 TYP. U.N.
4. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
5. ALL DIMENSIONS ARE TO ℄ OF WALL.
6. 3RD FLOOR F.F.E. = 22-6" TYP. U.N.O.
   4TH FLOOR F.F.E. = 33'-0" TYP. U.N.O.
7. SEE S-2.2 FOR SHEAR WALL PLAN.
8. SEE S-0.2 FOR SW DETAILS.

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

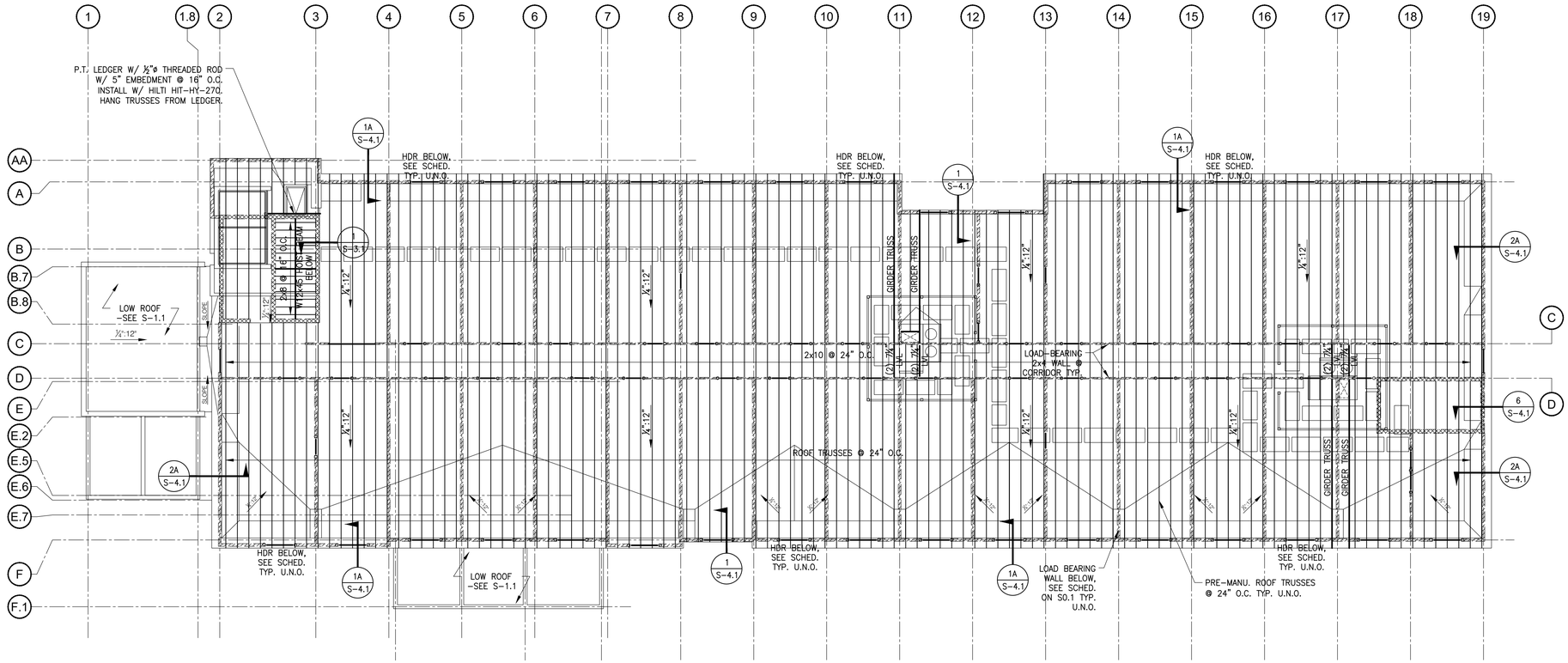
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
THIRD AND FOURTH FLOOR FRAMING PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-1.2

LEGEND	
X	POST UP, P3 TYP. U.N.O.
○	POST DOWN, P3 TYP. U.N.O.
⊗	POST THRU, P3 TYP. U.N.O.
P3	(3) GANGED STUDS
P4	(4) GANGED STUDS
P5	(5) GANGED STUDS
	CONC. WALL
	CMU WALL
	LOAD BEARING WALL



ROOF FRAMING PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES, SEE S-0.0.
2. FOR ALL WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. TYP. POST SIZE (U.N. ON PLAN OR SCHEDULE):
   1ST TO 2ND FLOOR = P4 TYP. U.N.
   2ND TO 3RD FLOOR = P3 TYP. U.N.
   3RD FLOOR TO ROOF = P3 TYP. U.N.
4. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
5. COORDINATE W/ MECH./ARCH. FOR REQUIRED OPENINGS & WEIGHTS FOR RTUS.
6. ALL ROOF TRUSSES TO BE FASTENED TO TOP PLATE OR BEAM BELOW W/ SIMPSON H10A MIN.HURRICANE TIE TO BE PROVIDED BY TRUSS MANUFACTURER.
7. DESIGN LOADS:
   LIVE ROOF = 20 PSF
   DEAD = 20 PSF

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ROOF PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-1.3

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

LEGEND	
	SHEARWALL
■	END CHORD & HOLDOWN
□	HSS5x5



1ST FLOOR SHEARWALL PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES AND WIND & SEISMIC LOADING CRITERIA, SEE S-0.0.
2. FOR ALL STUD WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
4. FOR SHEAR WALL DETAILS, SEE S-0.2.
5. FOR END POSTS SIZE AND HOLD DOWN REQUIREMENTS, SEE SCHEDULE ON S-0.2.

DESIGN NOTES:

SHEAR WALLS THAT ARE MARKED THROUGH DOOR OR WINDOW OPENINGS HAVE BEEN DESIGNED AS 'PERFORATED SHEAR WALLS'. THE UNIT CAPACITIES OF THESE WALLS HAVE BEEN REDUCED BY APPROPRIATE FACTORS RELATING TO THE SIZE OF OPENINGS AND PERCENT OF FULLY SHEATHED SEGMENTS, AS SPECIFIED IN AWA'S "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC."

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

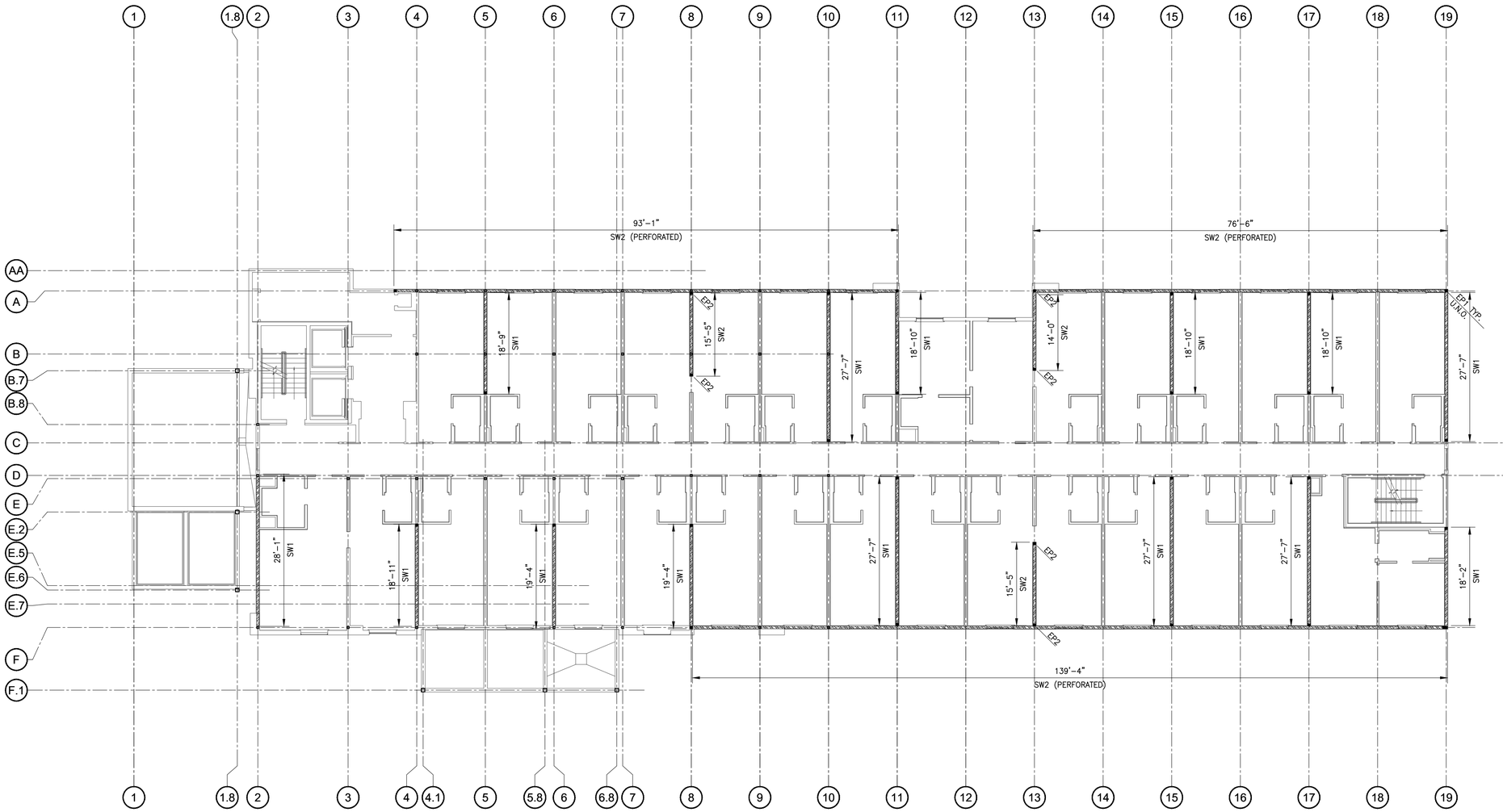
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
1ST FLOOR SHEAR WALL PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-2.0

LEGEND	
	SHEARWALL
■	END CHORD & HOLDOWN



2ND FLOOR SHEARWALL PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES AND WIND & SEISMIC LOADING CRITERIA, SEE S-0.0.
2. FOR ALL STUD WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
4. FOR SHEAR WALL DETAILS, SEE S-0.2.
5. FOR END POSTS SIZE AND HOLD DOWN REQUIREMENTS, SEE SCHEDULE ON S-0.2.

DESIGN NOTES:

SHEAR WALLS THAT ARE MARKED THROUGH DOOR OR WINDOW OPENINGS HAVE BEEN DESIGNED AS 'PERFORATED SHEAR WALLS'. THE UNIT CAPACITIES OF THESE WALLS HAVE BEEN REDUCED BY APPROPRIATE FACTORS RELATING TO THE SIZE OF OPENINGS AND PERCENT OF FULLY SHEATHED SEGMENTS, AS SPECIFIED IN AWA'S "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC."

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

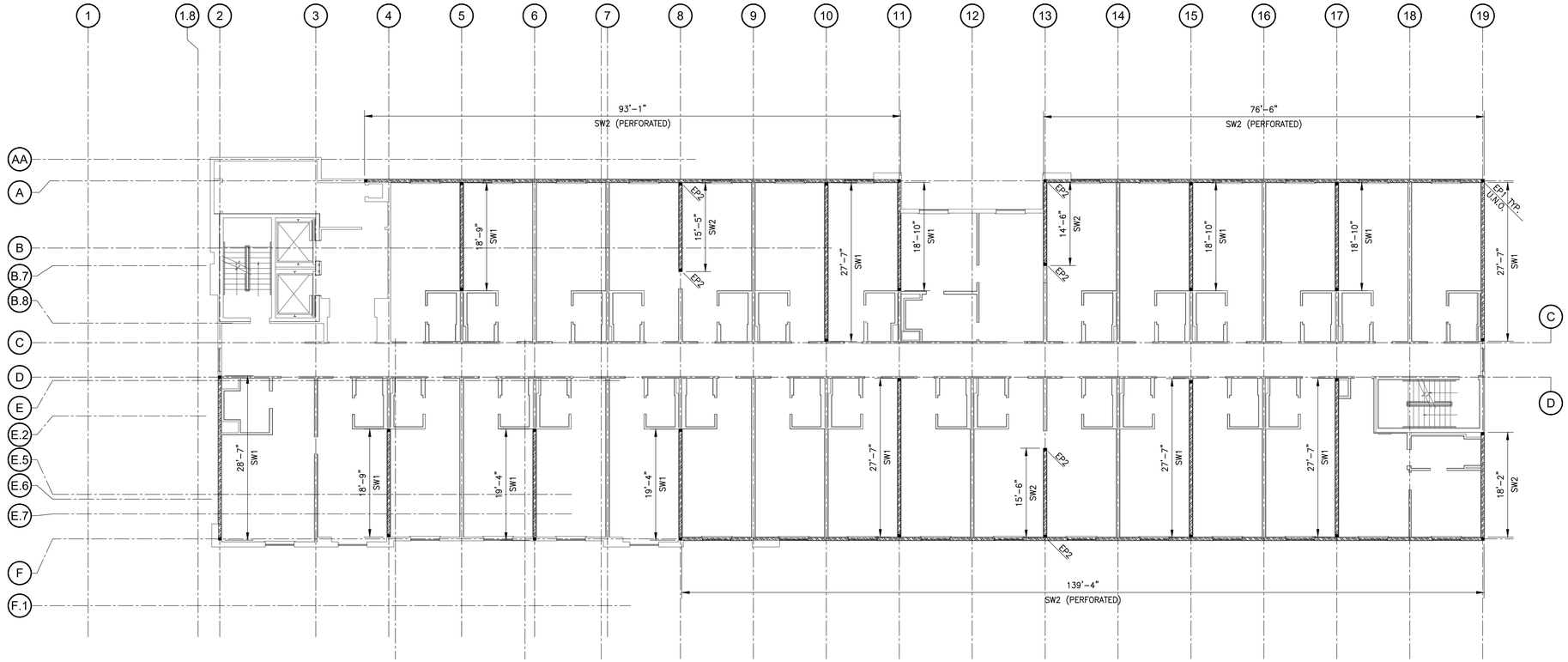
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
2ND FLOOR SHEAR WALL PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-2.1

LEGEND	
	SHEARWALL
■	END CHORD & HOLDOWN



3RD-4TH FLOOR SHEARWALL PLAN

SCALE: 3/32"=1'-0"

NOTES:

1. FOR GENERAL NOTES AND WIND & SEISMIC LOADING CRITERIA, SEE S-0.0.
2. FOR ALL STUD WALL TYPES SEE WALL SCHEDULE ON S-0.1.
3. ARCH. BACKGROUNDS ARE SHOWN FOR GENERAL INFORMATION ONLY. SEE ARCH. FOR EXACT WALL LOCATIONS, DIMENSIONING AND OTHER INFORMATION NOT SHOWN.
4. FOR SHEAR WALL DETAILS, SEE S-0.2.
5. FOR END POSTS SIZE AND HOLD DOWN REQUIREMENTS, SEE SCHEDULE ON S-0.2.

DESIGN NOTES:

SHEAR WALLS THAT ARE MARKED THROUGH DOOR OR WINDOW OPENINGS HAVE BEEN DESIGNED AS 'PERFORATED SHEAR WALLS'. THE UNIT CAPACITIES OF THESE WALLS HAVE BEEN REDUCED BY APPROPRIATE FACTORS RELATING TO THE SIZE OF OPENINGS AND PERCENT OF FULLY SHEATHED SEGMENTS, AS SPECIFIED IN AWA'S "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC."

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

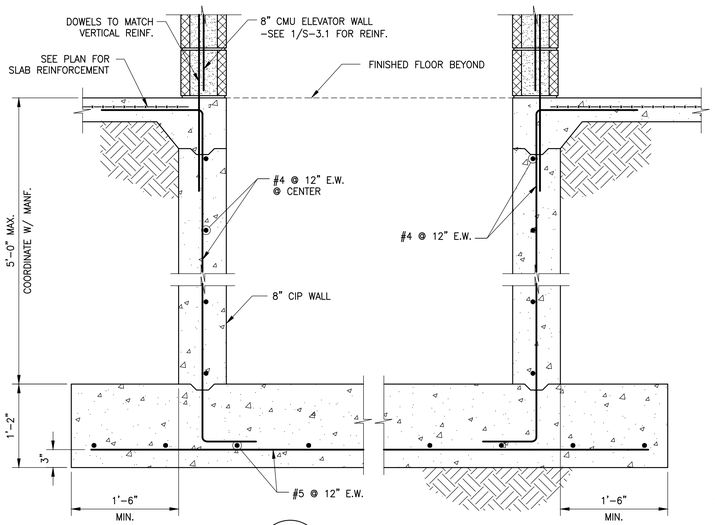
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

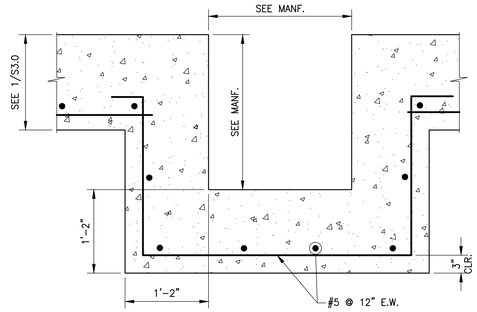
LAYOUT:
3RD & 4TH FLOOR SHEAR WALL PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

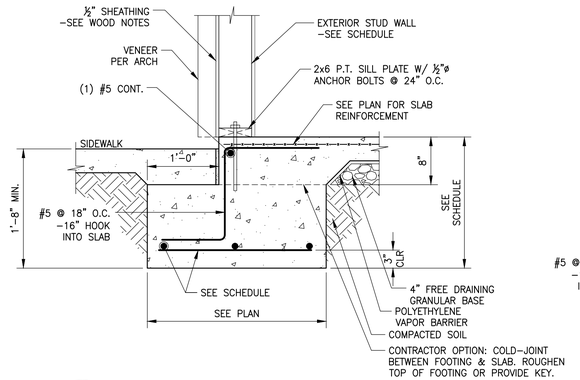
SHEET NUMBER:
S-2.2



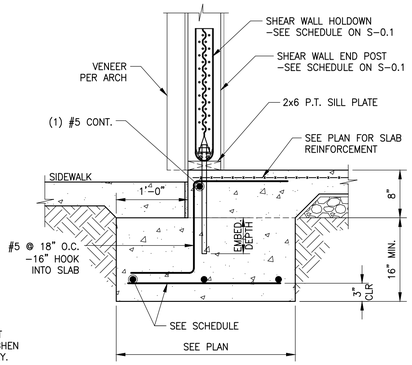
1 S-3.0 ELEVATOR PIT
SCALE: 1"=1'-0"



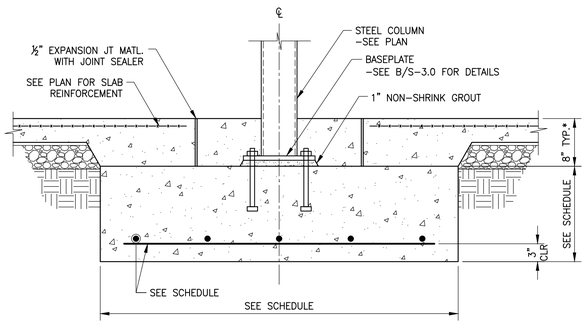
A S-3.0 ELEVATOR SUMP
SCALE: 1"=1'-0"



2 S-3.0 EXTERIOR STUD WALL FOOTING
SCALE: 1"=1'-0"

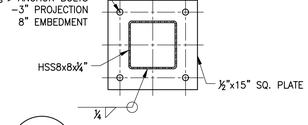


3 S-3.0 TYP. SHEAR WALL HOLDOWN
SCALE: 1"=1'-0"



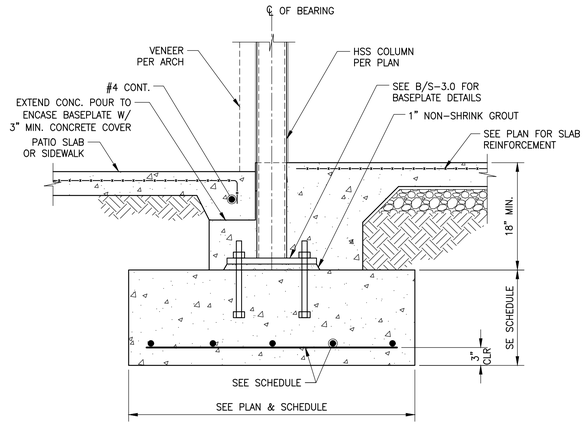
4 S-3.0 STL POST FOOTING
SCALE: 1"=1'-0"

*NOTE: DROP FOOTING IF REQ'D FOR PLUMBING CLEARANCE

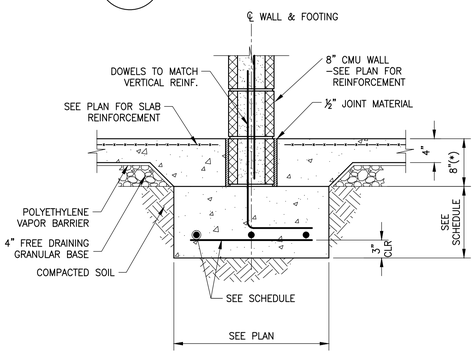


B S-3.0 TYP. BASEPLATE DETAIL
SCALE: 1"=1'-0"

C S-3.0 HSS8x8 BASEPLATE DETAIL
SCALE: 1"=1'-0"

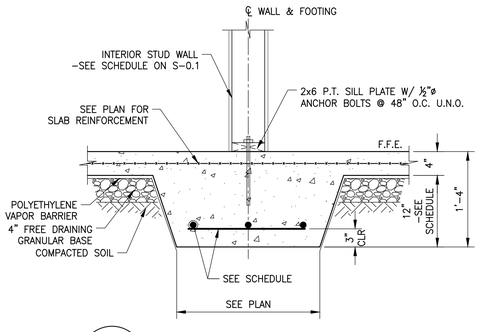


5 S-3.0 STL. POST FOUNDATION DETAIL
SCALE: 1"=1'-0"

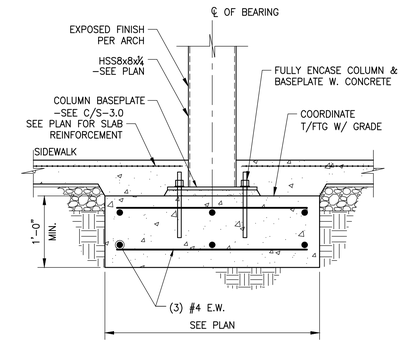


6 S-3.0 INTERIOR CMU WALL FOOTING
SCALE: 1"=1'-0"

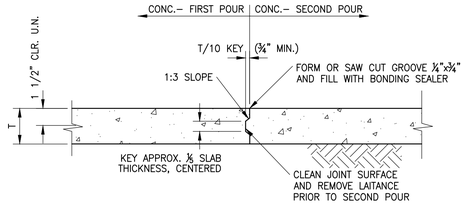
*NOTE: DROP FOOTING IF REQ'D FOR PLUMBING CLEARANCE OR EXTERIOR GRADE.



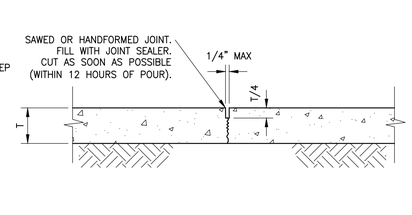
7 S-3.0 INTERIOR STUD WALL FOOTING
SCALE: 1"=1'-0"



8 S-3.0 ENTRYWAY POST FOOTING
SCALE: 1"=1'-0"



CONSTRUCTION JOINT FOR SLAB ON GRADE



CONTROL JOINT FOR SLAB ON GRADE

D S-3.0 CONTROL/CONSTRUCTION JOINT DETAIL
SCALE: N.T.S.

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

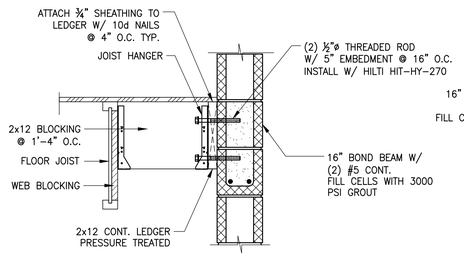
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

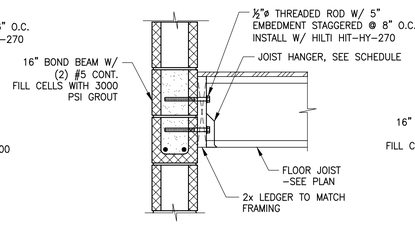
LAYOUT:
FOUNDATION SECTIONS & DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

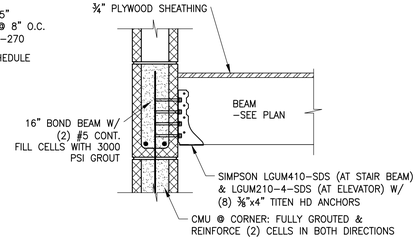
SHEET NUMBER:
S-3.0



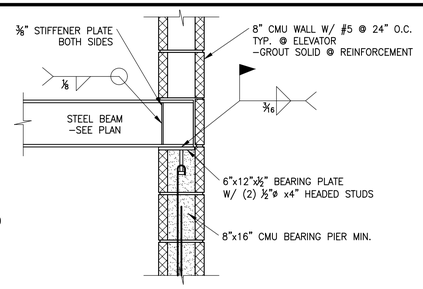
I-JOIST PARALLEL TO CMU



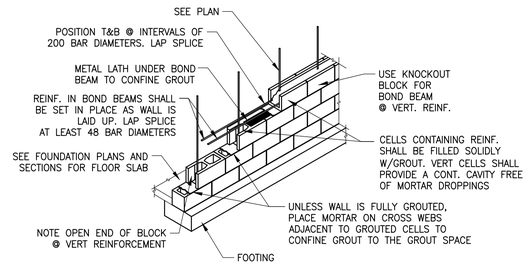
FLOOR JOISTS PERPENDICULAR TO WALL



WOOD BEAM @ CORNER

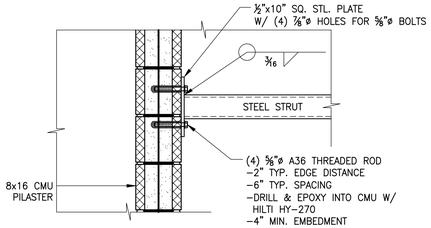


STL. BEAM @ CMU WALL

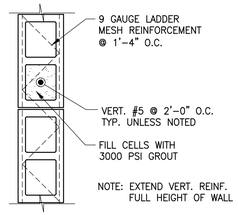


4 / S-3.1 TYP. REINFORCED CONCRETE MASONRY CONSTRUCTION

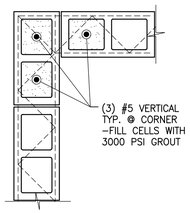
SCALE: NTS



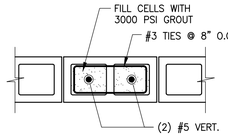
HSS STRUT TO CMU



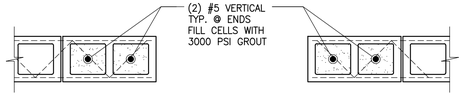
TYP. CMU WALL REINFORCEMENT



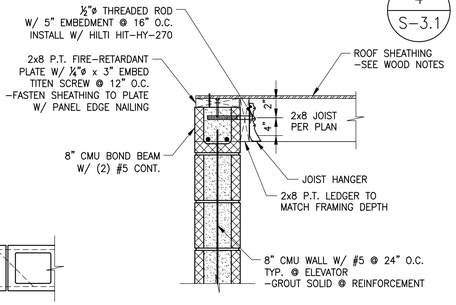
CORNER REINFORCING



8x16 PILASTER



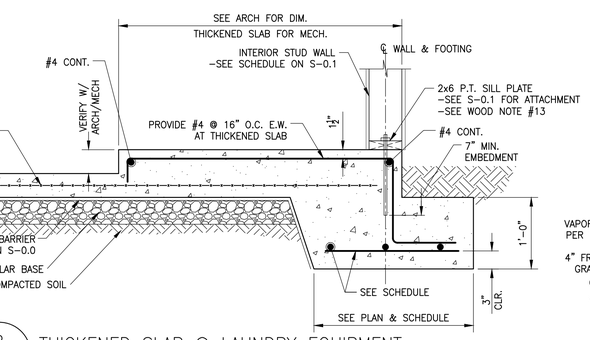
WALL END/DOOR JAMB/WINDOW JAMB



ROOF FRAMING @ CMU WALL

1 / S-3.1 TYPICAL MASONRY DETAILS

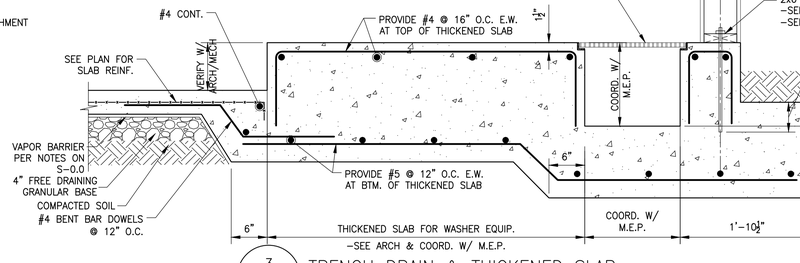
SCALE: 1"=1'-0"



2 / S-3.1 THICKENED SLAB @ LAUNDRY EQUIPMENT

SCALE: 1"=1'-0"

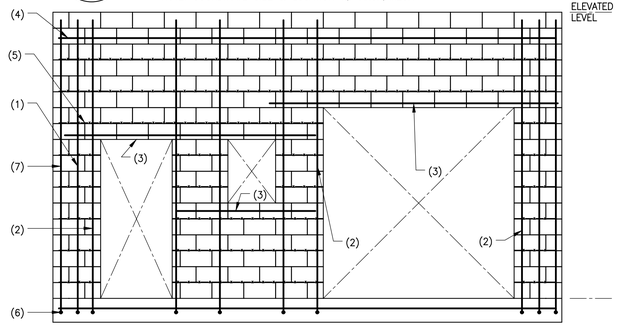
*NOTE: COORDINATE SIZE & LOCATION W/ ARCH/MECH



3 / S-3.1 TRENCH DRAIN & THICKENED SLAB

SCALE: 1"=1'-0"

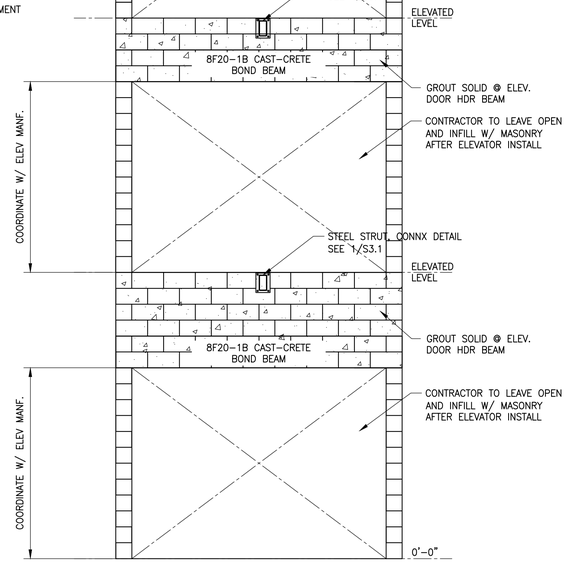
*NOTE: COORDINATE SIZE & LOCATION W/ ARCH/MECH



1. SEE 1/S-0.1 FOR TYPICAL WALL REINFORCEMENT & END WALL REINFORCEMENT.
2. (2) #5 VERT. BAR CONT. FROM SUPPORT AT EACH SIDE OF EVERY OPENING.
3. (2) #5 HORIZ. (BOTTOM) IN 8" BOND BEAM AT THE TOP OF ALL OPENINGS AND THE BOTTOM OF ALL WINDOWS, EXTEND 24" MIN. PAST OPENINGS
4. (2) #5 HORIZ. (BOTTOM) IN 16" BOND BEAM AT STRUCTURALLY CONNECTED LEVELS
5. LADDER-MESH CONSISTING OF (2) W1.7 @ 16" O.C.
6. PROVIDE DOWELS AT FOUNDATION OR D&E 8" MIN. W/ HILTI HIT-HY 200 ADHESIVE
7. GROUT ALL CELLS W/REBAR SOLID.

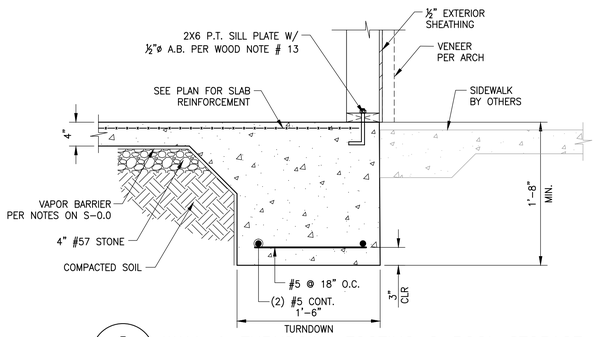
A / S-3.1 TYP. CMU WALL DETAILS

SCALE: 1"=1'-0"



B / S-3.1 TYP. ELEVATOR WALL OPENING DETAILS

SCALE: NTS



5 / S-3.1 WALL & TURNDOWN FOOTING @ POOL STORAGE

SCALE: 1"=1'-0"

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

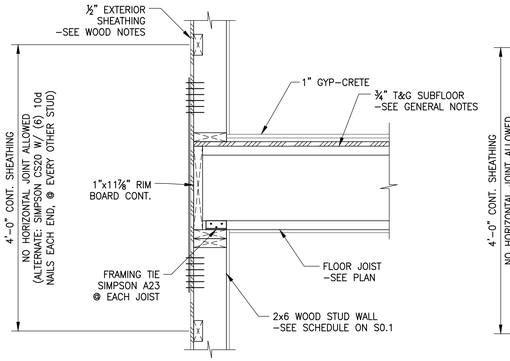
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FOUNDATION SECTION & DETAILS

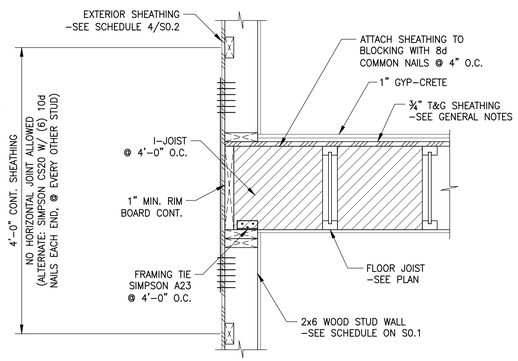
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-3.1

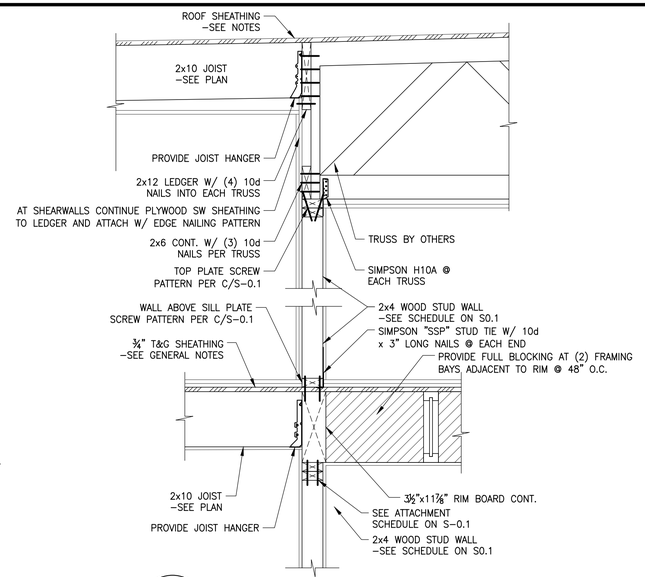
Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471



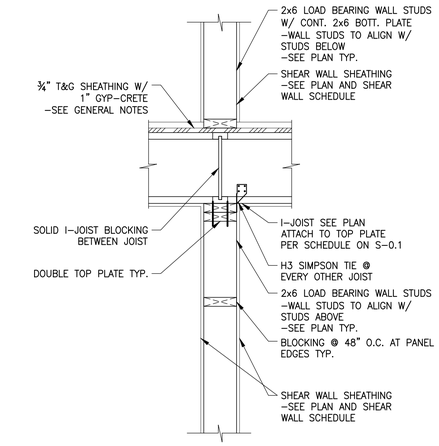
1 S–4.0 EXTERIOR WALL @ I–JOIST BEARING
SCALE: 1"=1'–0"



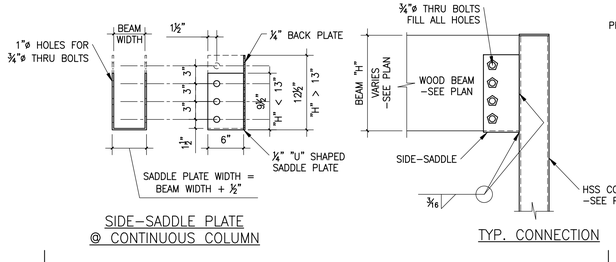
2 S–4.0 EXTERIOR WALL @ I–JOIST PARALLEL
SCALE: 1"=1'–0"



3 S–4.0 TYP. WOOD CORRIDOR TRANSITION
SCALE: 1"=1'–0"



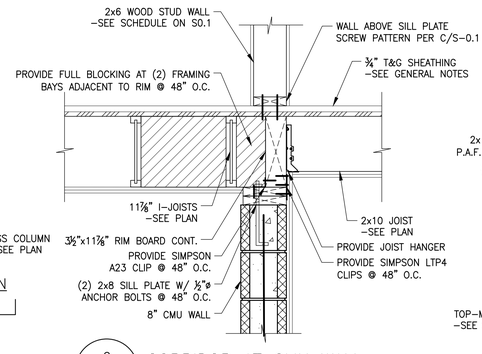
4 S–4.0 INTERIOR LOAD BEARING WALL
SCALE: 1"=1'–0"



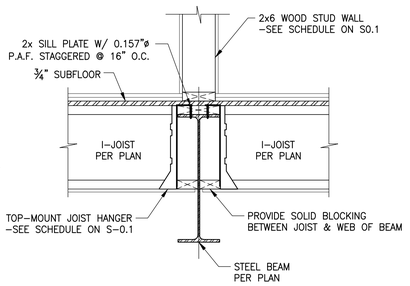
SIDE–SADDLE PLATE @ CONTINUOUS COLUMN

TYP. CONNECTION

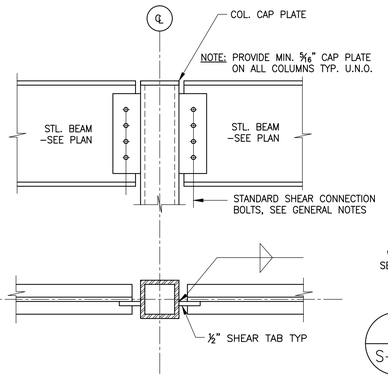
5 S–4.0 TYP. BEAM SADDLE @ STL. COL.
SCALE: 1"=1'–0"



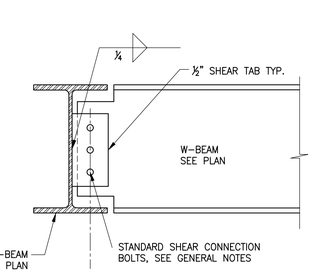
6 S–4.0 CORRIDOR AT CMU WALL
SCALE: 1"=1'–0"



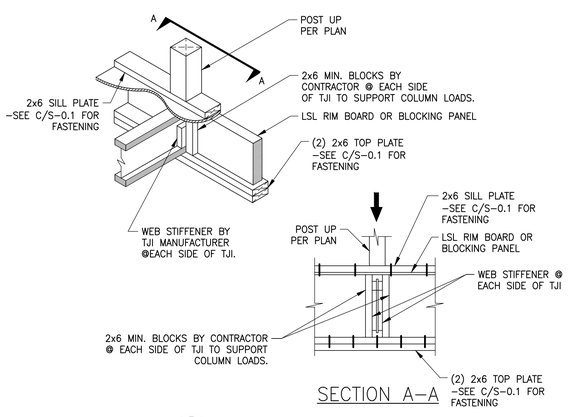
7 S–4.0 STL BEAM–WOOD FRAMING CONNECTION
SCALE: 1"=1'–0"



8 S–4.0 TYPICAL BEAM–COLUMN CONNECTION
SCALE: 1"=1'–0"

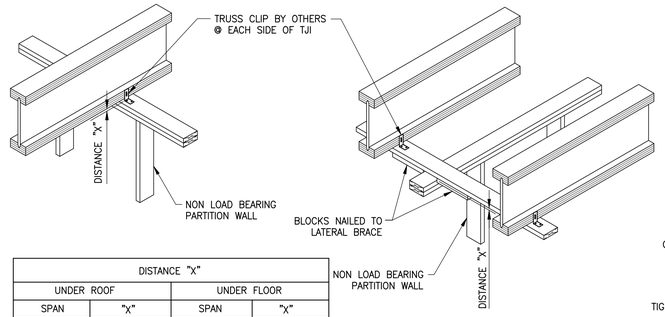


9 S–4.0 TYP. BEAM–BEAM CONNECTION
SCALE: 1"=1'–0"



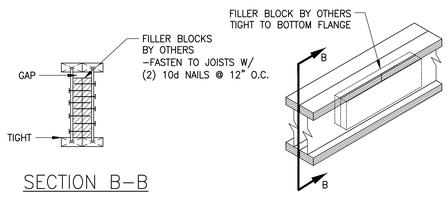
SECTION A–A

10 S–4.0 COLUMN LOADS BLOCKING
SCALE: 1"=1'–0"



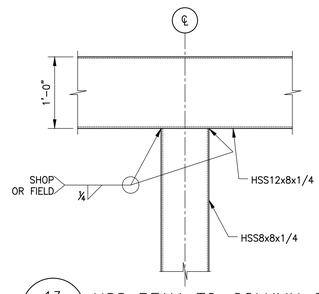
DISTANCE "X"			
UNDER ROOF		UNDER FLOOR	
SPAN	"X"	SPAN	"X"
0'–20'	1"	0'–20'	0"
20'–40'	2"	20'–40'	1"
40'–60'	4"	40'–60'	2"

11 S–4.0 NON–LOAD BEARING PARTITIONS CONNECTION
SCALE: 1"=1'–0"



SECTION B–B

12 S–4.0 DBL I–JOIST DETAIL (TPL. SIM.)
SCALE: 1"=1'–0"



13 S–4.0 HSS BEAM–TO–COLUMN CONX.
SCALE: 1"=1'–0"

*NOTE: AT CORNERS MITER CUT & FULL–SEAL WELD TUBES

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

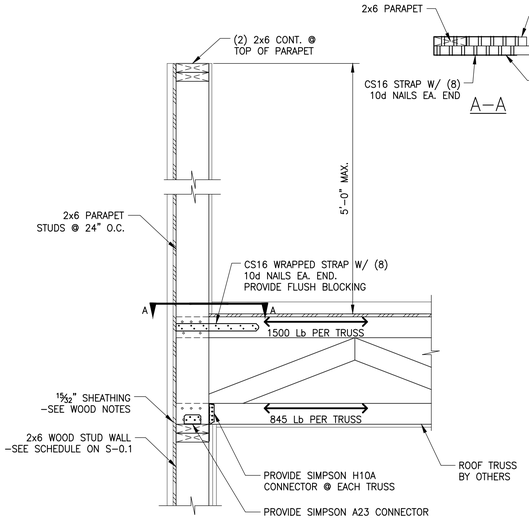
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FRAMING SECTIONS & DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

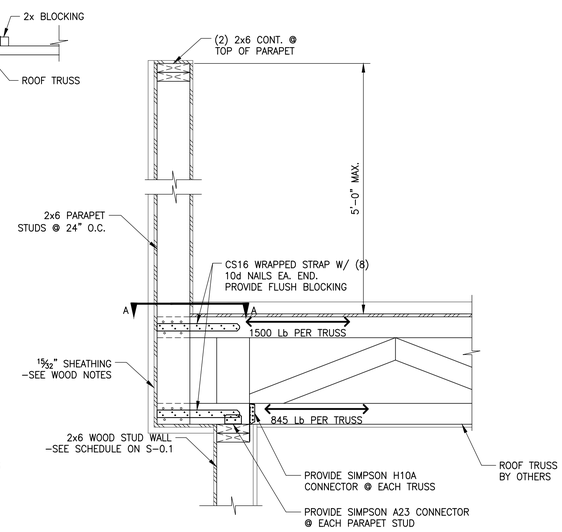
SHEET NUMBER:
S-4.0

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

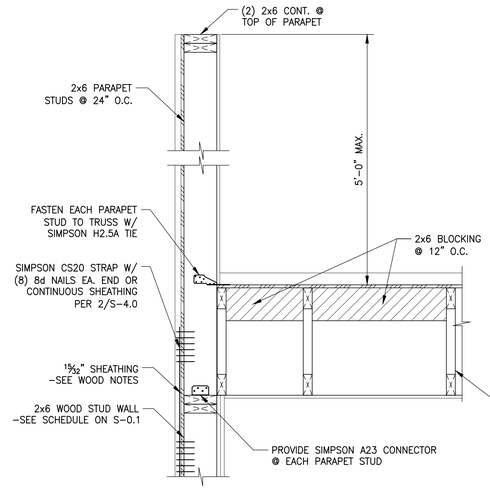


1 S–4.1 FLUSH PARAPET W/ TRUSS BEARING
SCALE: 1"=1'–0"

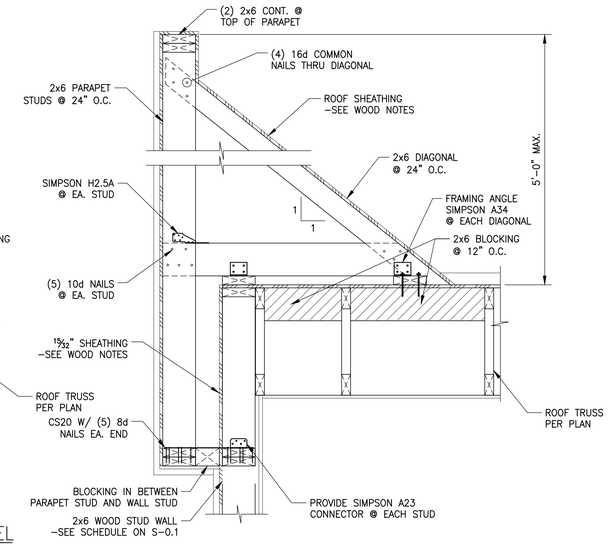
*DESIGN ALTERNATIVE:
PROVIDE PARAPET VERTICAL INTEGRAL W/ ROOF TRUSS.
DESIGNED FOR 55PSF WIND PRESSURE (POSITIVE OR NEGATIVE)



1A S–4.1 EXTENDED PARAPET W/ TRUSS BEARING
SCALE: 1"=1'–0"



2 S–4.1 FLUSH PARAPET W/ TRUSS PARALLEL
SCALE: 1"=1'–0"

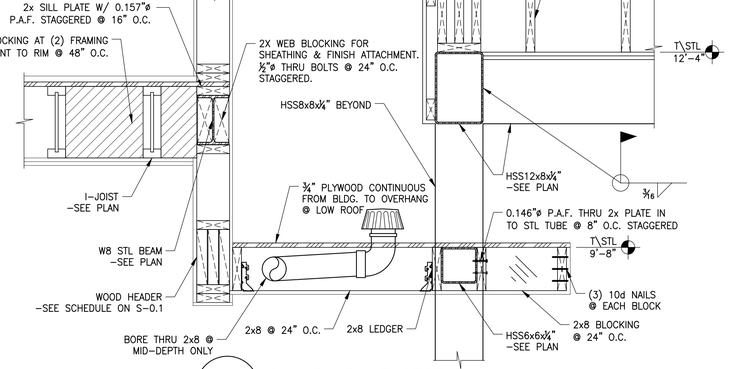


2A S–4.1 FLUSH PARAPET W/ TRUSS PARALLEL
SCALE: 1"=1'–0"

3 S–4.1 CANOPY SECTION
SCALE: 1"=1'–0"

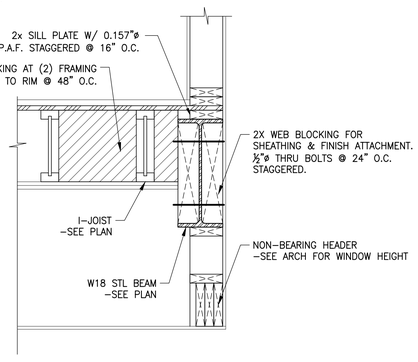
4 S–4.1 TRELLIS SECTION
SCALE: 1"=1'–0"

NOTE: PROVIDE PROTECTIVE BARRIER BETWEEN P.T. LUMBER AND RAW STEEL. ALL EXPOSED STEEL TO BE PROTECTED CORROSION AND EXPOSURE EFFECTS. COORDINATE W/ ARCH. FOR FINISH.



5 S–4.1 CANOPY ROOF SECTION
SCALE: 1"=1'–0"

6 S–4.1 STAIR PARAPET W/ TRUSS BEARING
SCALE: 1"=1'–0"



7 S–4.1 STL HEADER SECTION
SCALE: 1"=1'–0"

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

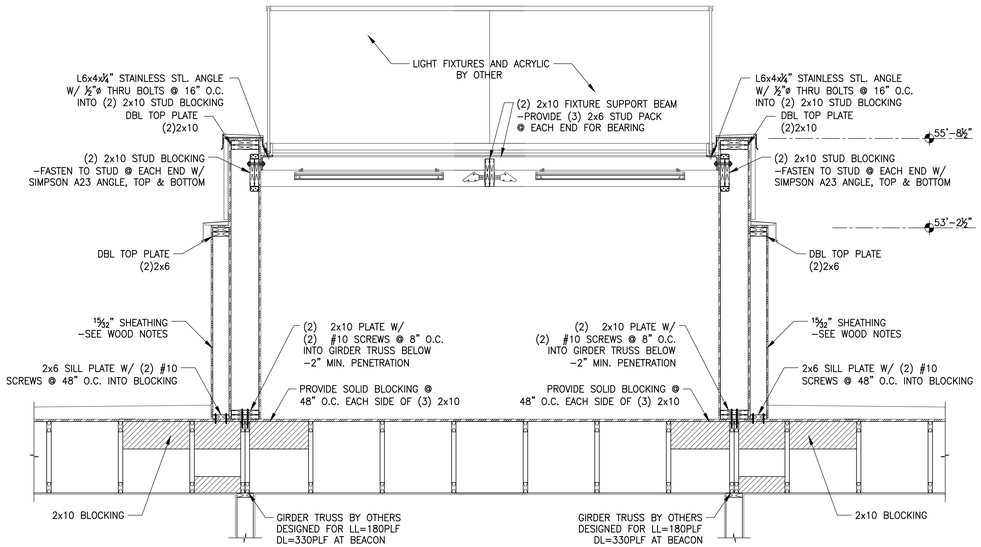
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FRAMING SECTIONS & DETAILS

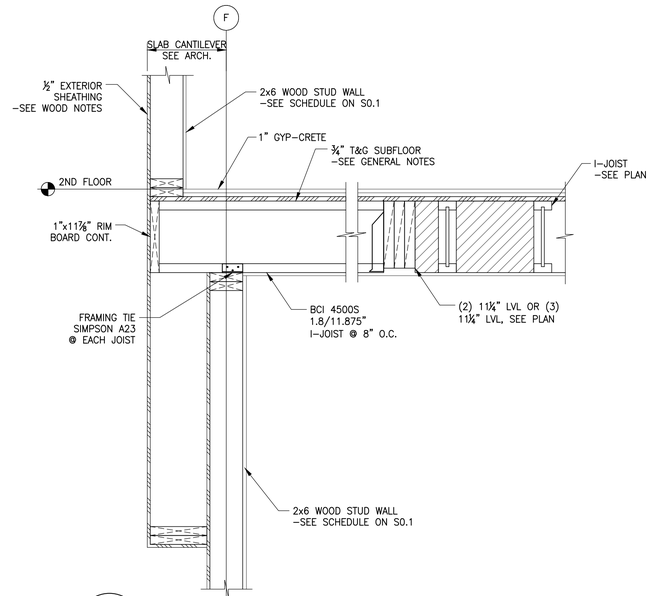
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-4.1

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471



1 / S-4.2 ROOF BEACON FRAMING SECTION
SCALE: 1/2"=1'-0"



2 / S-4.2 SLAB CANTILEVER SECTION
SCALE: 1"=1'-0"

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

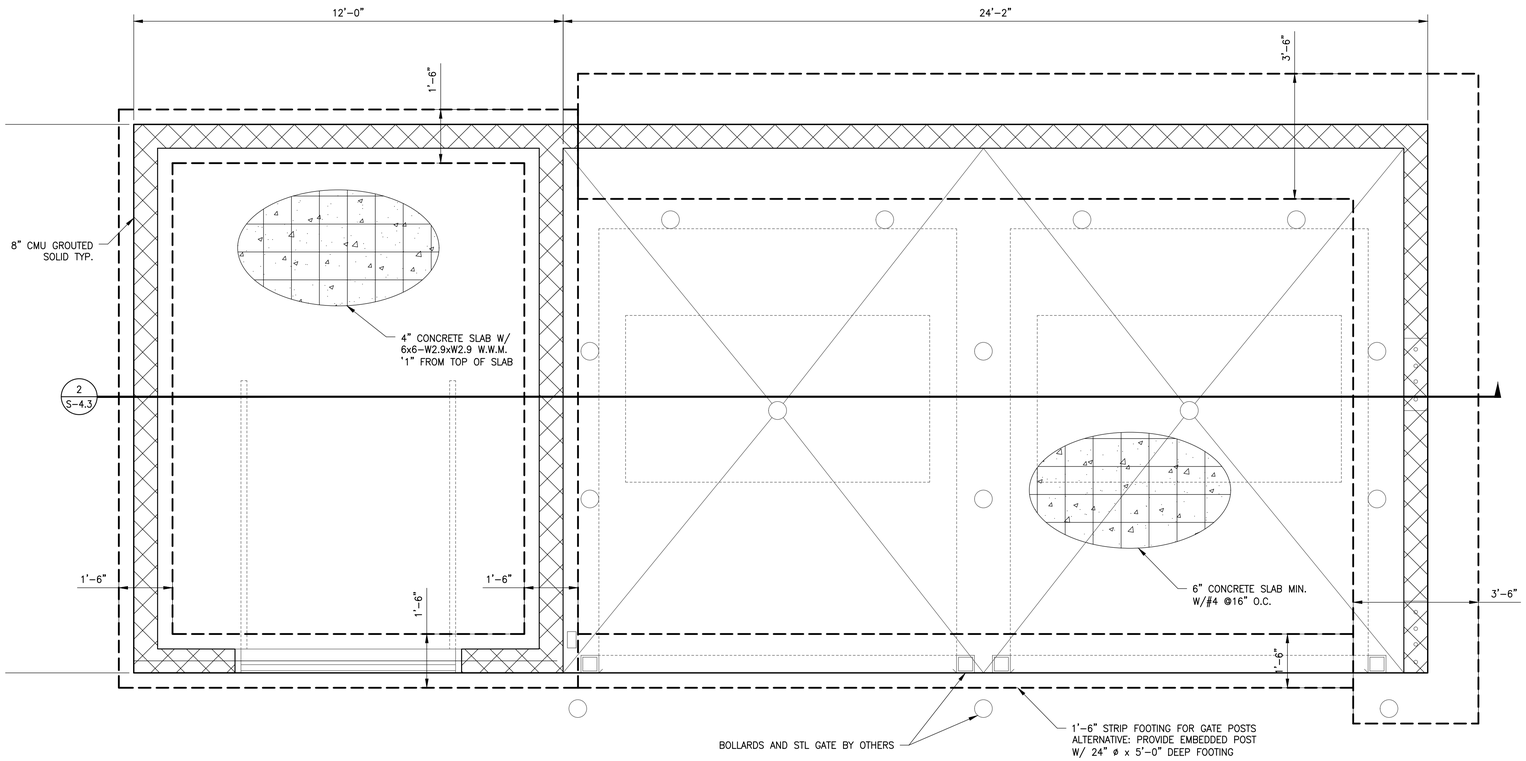
DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FRAMING SECTIONS & DETAILS

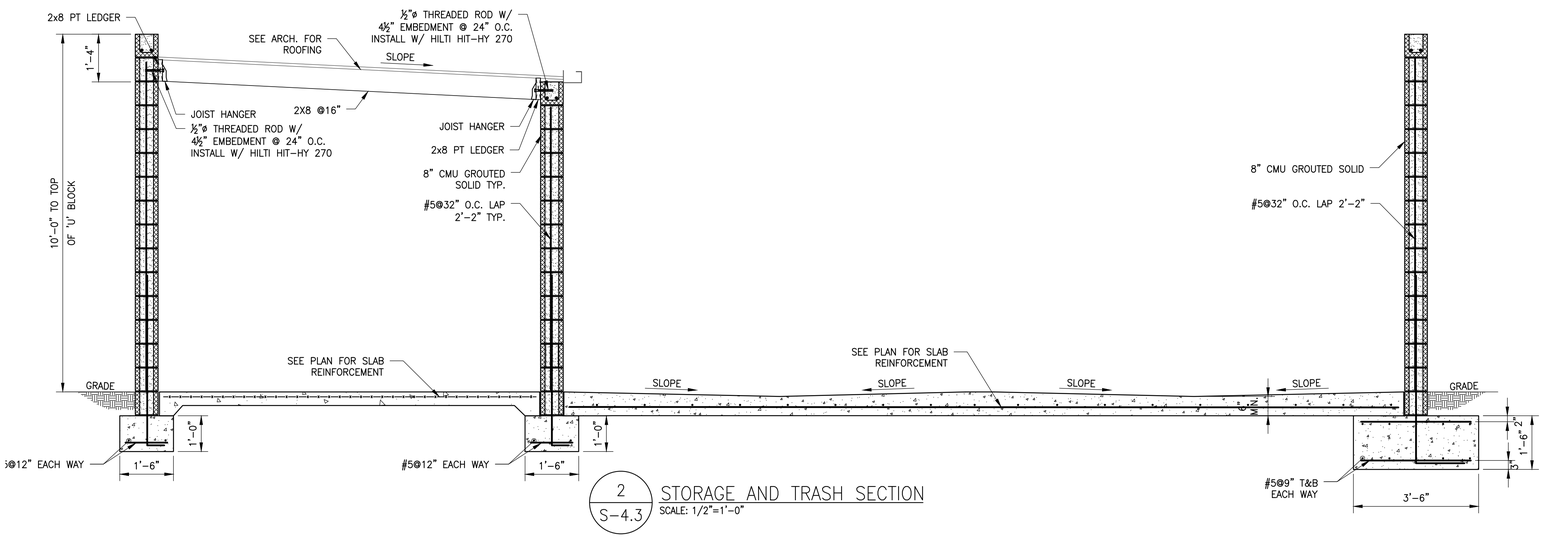
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
S-4.2



1 S-4.3 STORAGE AND TRASH FOUNDATION PLANS

SCALE: 1/2"=1'-0"



2 S-4.3 STORAGE AND TRASH SECTION

SCALE: 1/2"=1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA. 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2019	OWNER	FLOOR PLAN REVIEW
01-23-2020	HILTON	25% REVIEW
10-16-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FRAMING SECTIONS & DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

S-4.3

Se STABILITY ENGINEERING
1376 Church St., Suite 200, Decatur, GA 30030 Ph/Fax: 404-377-9316
SE #20471

HVAC NOTES

1. SCOPE OF WORK

   A. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR TO SATISFY A COMPLETE WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
   B. ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE ALL FEDERAL, STATE AND LOCAL CODES, ALL LOCAL CODES AND ALL OTHER REGULATION GOVERNING WORK OF THIS NATURE.
   C. THE CONTRACTOR SHALL, BEFORE SUBMITTING ANY PROPOSAL, EXAMINE THE PROPOSED SITE AND SHALL DETERMINE FOR HIMSELF THE CONDITIONS THAT MAY EFFECT THE WORK. NO ALLOWANCE SHALL BE MADE IF THE CONTRACTOR FAILS TO MAKE SUCH EXAMINATIONS.
   D. ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY THE ENGINEER OR ARCHITECT.

2. PERMITS

   A. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES.

3. SHOP DRAWINGS

   A. SUBMIT MATERIAL LIST AND SHOP DRAWINGS FOR MAJOR EQUIPMENT TO THE ACHITECT/ENGINEER FOR APPROVAL.

4. FLEXIBLE TYPE DUCT

   A. SHALL BE OF TWO ELEMENT SPIRAL CONSTRUCTION COMPOSED OF A CORROSION RESISTANT METAL SUPPORTING SPIRAL AND COATED FABRIC WITH A MINERIAL BASE. FLEXIBLE DUCT CONNECTORS SHALL BE LISTED BY U.L., CLASS 1 DUCTS, AND SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING 25 AND A SMOKE DEVELOPED RATING NOT EXCEEDING 50.
   B. USE OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO NO MORE THAN 6 LINEAR FEET PER RUN.
   C. CONTRACTOR SHALL BE CAREFUL SO AS NOT TO KINK OR COLLAPSE FLEXIBLE DUCT.

5. REFRIGERANT PIPING

   A. CONTRACTOR SHALL PROVIDE AND INSTALL REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN SUCH A WAY AS TO BE INCONSPICIOUS AND FREE FROM ANY POSSIBLE CONDENSATION. INSULATE REFRIGERANT LINES WITH 3/4" ELASTOMERIC TUBE INSULATION.
   B. SHALL BE TYPE "K" COPPER TUBING, WITH WROUGHT COPPER SOLDER TYPE FITTINGS SUITABLE FOR CONNECTION WITH SILVER SOLDER.

6. DUCTWORK

   A. THE DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "SMACNA" APPLICABLE MANUALS. ALL DUCTWORK SHALL BE THE LOW VELOCITY TYPE, UNLESS SPECIFIED OTHERWISE.
   B. CONTRACTOR SHALL PROVIDE AND INSTALL APPROVED FIRE, SMOKE, OR COMBINATION FIRE/SMOKE DAMPERS AND ACCESS PANELS IN ANY AND ALL DUCTWORK WHICH PENETRATES A HORIZONTAL OR VERTICAL FIRE AND/OR SMOKE PARTITION, OR AS OTHERWISE SHOWN ON DRAWINGS.
   C. ALL BRANCH DUCTS TO HAVE VOLUME DAMPERS.
   D. SMOOTH TURN RADIUS DUCTWORK OR TURNING VANES SHALL BE USED THROUGHOUT WHERE FLOW EXCEEDS 150 CFM.
   E. ALL DUCT JOINTS TO BE SEALED IN ACCORDANCE WITH "SMACNA" STANDARDS AND ACCEPTED GOOD PRACTICE.
   F. ALL DUCT DIMENSIONS SHOWN ARE NET INSIDE VALUES. DIMENSIONS MAY BE CHANGED SO LONG AS THE NET FREE FACE AREA IS MAINTAINED.
   G. ALL CONCEALED DUCTWORK SHALL BE INSULATED WITH 1-1/2" FIBERGLASS INSULATING BLANKET WITH ALUMINUM FOIL FACING.
   H. ALL SUPPLY AND RETURN DUCTWORK 15 FEET DOWNSTREAM OF THE HVAC UNIT SHALL BE INTERNALLY LINED WITH A 1/2" ACOUSTICAL, CLOSED-CELL ELASTOMERIC DUCT LINER.

7. DRAINAGE PIPING (CONDENSATE)

   A. SHALL BE SCHEDULE 40 PVC PIPE WITH SOLVENT JOINTS. PITCH HORIZONTAL LINES 1/8" IN 1'-0". CONDENSATE DRAINS SHALL BE ROUTED TO FLOOR DRAIN OR INDIRECT WASTE DRAIN.

8. HVAC CONTROLS

   A. CONTRACTOR TO SUPPLY AND INSTALL ALL CONTROL WIRING AND THERMOSTATS AS REQUIRED.

9. ELECTRICAL

   A. CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR LOCATION OF WIRING FOR EACH HVAC UNIT.

10. PIPE SUPPORTS

    A. ALL PIPE SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN A NEAT AND WORKMANLIKE MANNER. THE USE OF WIRE OR METAL STRAP TO SUPPORT PIPES WILL NOT BE PERMITTED. SPACING OF PIPE SUPPORTS SHALL NOT EXCEED 8 FEET FOR ALL PIPING. PLASTIC PIPING TO BE SUPPORTED EVERY 4 FEET.

11. MISCELLANEOUS

    A. ALL EXTERIOR OPENINGS TO BE PROPERLY CAULKED AND SEALED WITH A SEALANT OF HIGH QUALITY AND LONG LIFE, TO PREVENT INFILTRATION OF OUTSIDE AIR INTO CONDITIONED SPACE.
    B. COORDINATE INSTALLATION OF ALL ROOF FLASHING AT ROOF PENETRATIONS.
    C. DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, AND DIMENSIONS AT THE JOB SITE.
    D. THE MECHANICAL PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURE'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS, OR ALL THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ENSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.

12. TESTING AND BALANCING

    A. THE HVAC SYSTEM SHALL BE TESTED AND AND BALANCED BY AN INDEPENDENT AGENCY, UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER. A SEALED TYPE WRITTEN REPORT SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL.

13. GUARANTEE

    A. MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.
    B. FOR THE SAME PERIOD, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY HIM.

LOUVERS

TAG	TYPE	SIZE WIDTH	SIZE HEIGHT	SIZE DEPTH	FREE AREA SQ. FT.	MAXIMUM PRESSURE DROP (IN. W.G.)	CFM	SERVICE	MATERIAL	DESIGN BASIS	NOTES & ACCESSORIES
L1	DRAINABLE STATIONARY LOUVER	12"	7"	6"	0.58	0.05	75	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L2	DRAINABLE STATIONARY LOUVER	12"	7"	6"	0.58	0.05	75	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L3	DRAINABLE STATIONARY LOUVER	12"	7"	6"	0.58	0.05	100	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L4	DRAINABLE STATIONARY LOUVER	12"	9"	6"	0.75	0.06	150	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L5	DRAINABLE STATIONARY LOUVER	12"	9"	6"	0.75	0.06	200	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L6	DRAINABLE STATIONARY LOUVER	14"	12"	6"	1.17	0.09	300	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L7	DRAINABLE STATIONARY LOUVER	18"	12"	6"	1.50	0.09	400	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L8	DRAINABLE STATIONARY LOUVER	22"	12"	6"	1.83	0.09	500	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L9	DRAINABLE STATIONARY LOUVER	25"	12"	6"	2.08	0.08	550	EXHAUST	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L10	DRAINABLE STATIONARY LOUVER	12"	11"	6"	0.92	0.02	50	INTAKE	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L11	DRAINABLE STATIONARY LOUVER	12"	11"	6"	0.92	0.02	100	INTAKE	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L12	DRAINABLE STATIONARY LOUVER	28"	24"	6"	4.67	0.01	500	INTAKE	ALUMINUM	RUSKIN ELF15J	1 THRU 4
L13	DRAINABLE STATIONARY LOUVER	36"	40"	6"	10.00	0.10	5015	INTAKE	ALUMINUM	RUSKIN ELF6375X	1 THRU 4

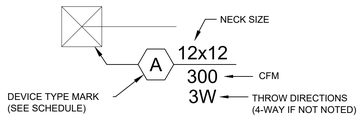
NOTES & ACCESSORIES:
1. BIRDSCREEN, MESH SCREEN NO GREATER THAN 1/2-INCH OPENINGS.
2. BAKED ENAMEL FINISH.
3. FINAL COLOR SELECTION SHALL BE MADE BY ARCHITECT.
4. MIAMI-DADE APPROVED LOUVER.

ACCEPTABLE ALTERNATE MANUFACTURERS: GREENHECK, ARROW

ROOF HOODS

EQUIPMENT NO.	SIZE THROAT ø	SIZE THROAT AREA	MANUFACTURER & MODEL	NOTES AND ACCESSORIES
RH R-1	24"	3.3	COOK 24 PR	1-5
RH R-2	24"	3.3	COOK 24 PR	1-5

NOTES:
1. ALUMINUM INSECT SCREEN.
2. GALVANIZED CONSTRUCTION.
3. DAMPER TRAY.
4. 120V MOTORIZED DAMPER IN THROAT OF ROOF HOOD.
5. HINGED BASE.



AIR DISTRIBUTION DEVICES KEY

NO SCALE

AIR DISTRIBUTION SCHEDULE

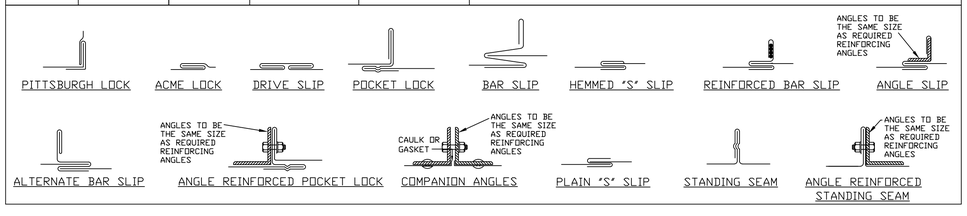
MARK	DESCRIPTION
A	LOUVERED FACE S/A DIFFUSER: PRICE MODEL SMD WITH OPPOSED BLADE DAMPER. NOMINAL 24"x24" PANEL SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-5. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
B	LOUVERED FACE S/A DIFFUSER: PRICE MODEL SMD WITH OPPOSED BLADE DAMPER. NOMINAL 24"x24" PANEL SIZE. FRAME SUITABLE FOR LAY-IN CEILING. STEEL CONSTRUCTION. NOTES 1-5. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
C	LOUVERED FACE S/A REGISTER: PRICE MODEL 520 WITH OPPOSED BLADE DAMPER. NOMINAL 12"x6" GRILLE SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4.
D	PERFORATED FACE R/A GRILLE: PRICE MODEL PDDR WITH OPPOSED BLADE DAMPER. NOMINAL 24"x24" PANEL SIZE. FRAME SUITABLE FOR LAY-IN CEILING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
E	PERFORATED FACE R/A GRILLE: PRICE MODEL PDDR WITH OPPOSED BLADE DAMPER. NOMINAL 24"x24" PANEL SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
F	LOUVERED FACE S/A DIFFUSER: PRICE MODEL SMD WITH OPPOSED BLADE DAMPER. NOMINAL 12"x12" PANEL SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
G	LOUVERED FACE R/A REGISTER: PRICE MODEL 530 WITH OPPOSED BLADE DAMPER. NOMINAL SIZE 24"x20". FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4.
H	LOUVERED FACE S/A DIFFUSER: PRICE MODEL SMD WITH OPPOSED BLADE DAMPER. NOMINAL 12"x12" PANEL SIZE. FRAME SUITABLE FOR LAY-IN CEILING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
I	2" LINEAR S/A SLOT DIFFUSER: PRICE MODEL LBP WITH MANUFACTURER'S OPTIONAL INSULATED PLENUM AND ONE 2" SLOT. NOTES 1, 3, 4. PROVIDE WITH FACTORY CABLE OPERATED DAMPER IN INSTALLED IN INACCESSIBLE CEILING.
J	3" LINEAR S/A SLOT DIFFUSER: PRICE MODEL LBP WITH MANUFACTURER'S OPTIONAL INSULATED PLENUM AND ONE 3" SLOTS. NOTES 1, 3, 4. PROVIDE WITH FACTORY CABLE OPERATED DAMPER IN INSTALLED IN INACCESSIBLE CEILING.
K	PERFORATED FACE EXHAUST AIR GRILLE: PRICE MODEL PDDR WITH OPPOSED BLADE DAMPER. NOMINAL 24"x24" PANEL SIZE. FRAME SUITABLE FOR SURFACE CEILING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS.
L	LOUVERED FACE S/A REGISTER: PRICE MODEL 520 WITH OPPOSED BLADE DAMPER. NOMINAL 14"x5" GRILLE SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4.
M	LOUVERED FACE S/A REGISTER: PRICE MODEL 520 WITH OPPOSED BLADE DAMPER. NOMINAL 6"x5" GRILLE SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE AIR DISTRIBUTION DEVICE FOR AMERICAN ALDES CSR-3 WITH 5" AIRFLOW REGULATOR.
N	LOUVERED FACE S/A REGISTER: PRICE MODEL 520 WITH OPPOSED BLADE DAMPER. NOMINAL 6"x5" GRILLE SIZE. FRAME SUITABLE FOR SURFACE MOUNTING. STEEL CONSTRUCTION. NOTES 1-4. PROVIDE AIR DISTRIBUTION DEVICE FOR AMERICAN ALDES CSR-3 WITH 4" AIRFLOW REGULATOR.

NOTES:
1. ALL DIFFUSERS, GRILLES & REGISTERS SHALL HAVE A BAKED OFF-WHITE ENAMEL FINISH.
2. PROVIDE ALUMINIUM CONSTRUCTION IN ALL TOILET ROOMS, LOCKER ROOMS AND SHOWER ROOMS.
3. INSTALLATIONS WHERE SPECIFIED BY ARCHAU.
4. TRANSITION FROM DUCT SIZE TO NECK SIZE AS REQUIRED.
5. PROVIDE CONSTANT AIRFLOW REGULATOR (AMERICAN ALDES CAR3 OR EQUAL) IN DEVICE NECK FOR CORRIDOR

THICKNESS & REINFORCING SCHEDULE - * LOW PRESSURE DUCTWORK

*NOTE: LOW PRESSURE DUCTWORK SHALL BE DUCTWORK IN WHICH THE PRESSURE DOES NOT EXCEED 2" WATER GAUGE.

GREATEST DUCT DIMENSION	STEEL DUCTS U.S. STANDARD GAUGE	LONGITUDINAL SEAM	TRANSVERSE JOINT SMALLEST DIMENSION	TRANSVERSE JOINT GREATEST DIMENSION	REINFORCING (ALL DUCTS 18" THRU 54" SHALL BE CROSSBROKEN)
12" OR LESS	24	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
13" THRU 18"	24	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
19" THRU 30"	24	PITTSBURGH OR ACME LOCK	HEMMED "S" SLIP OR BAR SLIP OR DRIVE SLIP OR 1" POCKET LOCK	HEMMED "S" SLIP OR BAR SLIP OR 1" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"x1"x1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
31" THRU 42"	22	PITTSBURGH OR ACME LOCK	DRIVE SLIP 18" OR LESS BAR SLIP REIN-FORCED BAR SLIP OR POCKET LOCK	BAR SLIP OR REIN-FORCED BAR SLIP OR POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"x1"x1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS

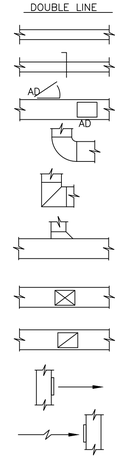


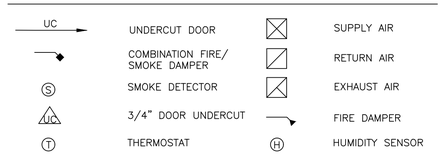
ELECTRIC HEATER SCHEDULE

EQUIPMENT NO.	ELECTRIC HEATER KW	ELECTRIC HEATER MBH	ELECTRICAL REQUIREMENTS VOLTS	ELECTRICAL REQUIREMENTS PHASE	MANUFACTURER & MODEL	OPTIONS-ACCESSORIES
EWH-A	2.0	6.8	208	1	MARKEL 3320	1-4

NOTES:
1. PROVIDE WITH ALL REQUIRED MOUNTING ACCESSORIES AND INTEGRAL THERMOSTAT SET TO 55° F.
2. MOUNT AT 12" A.F.F.
3. SURFACE MOUNTING KIT.
4. FACTORY DISCONNECT SWITCH.

DUCTWORK SYMBOLS





HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL SCHEDULES & NOTES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
M1.01

MECHANICAL SYSTEMS SEQUENCES OF OPERATION:

A. DEDICATED OUTSIDE AIR SYSTEMS, MUA-1, MUA-2 AND MUA-3:

1. DOAS shall be controlled by the factory-provided controls, according to following sequence of operation:
   a. Occupied and Unoccupied Hours shall be programmed into the system operation, as indicated by Sleep Inn.
   a. Occupied Mode:
      1) Upon start-up, the unit's outside air damper shall open to its maximum position.
      2) Once damper position is proven, supply fan shall start, and shall run continuously.
      3) Upon a rise in space temperature to above 72°F (adjustable), unit shall activate cooling mode and maintain a space temperature of 72°F (adjustable), as sensed by the space temperature sensor(s).
      4) Upon a drop in space temperature to below 70°F (adjustable), unit shall activate heating mode and maintain a space temperature of 70°F (adjustable), as sensed by the space temperature sensor(s).
      5) DEHUMIDIFICATION MODE: If the space relative humidity exceeds 55% (adjustable), as sensed by the space humidity sensor(s) for a period of five (5) minutes, unit's gas heat shall be OFF, and cooling stages shall energize to maintain a leaving air condition of 55°F (adjustable), with a dewpoint of no greater than 55°F (adjustable). Once the space relative humidity drops below 55%F (adjustable), the sequence shall restart.
   b. See drawings for temperature and humidity sensors. Where multiple sensors are provided for a single system, the sensor readings shall be averaged by the unit's factory controls.
2. Safeties & Alarms:
   a. In the event of a power interruption or fan shutdown, the outside air damper shall close. The MUA shall automatically restart after a power failure.
   b. Upon failure of supply fan motor, unit shall shut down, and an alarm shall be generated.
   c. Upon failure of gas furnace, an alarm shall be generated.
   d. Upon activation of building fire alarm panel, unit shall be shut down. Provide a hardwired fire alarm relay for motor stoppage.
   e. If supply fan discharge pressure exceeds 2.0 in. w.g. (adjustable), supply fan shall be stopped, outside air damper shall close and an alarm shall be generated.
   f. Upon detection of smoke, in the unit's supply air ductwork, unit's supply fan shall shut down, outside air damper shall close and an alarm shall be generated.
   g. Provide differential pressure switches across unit filters to alarm if pressure differential exceeds clogged filter pressure drop, as determined by manufacturer.
   h. While in cooling or dehumidification mode, if unit discharge air temperature exceeds 80°F (adjustable), for a period of fifteen (15) minutes, an alarm shall be generated. Upon a further rise in discharge air temperature to above 85°F (adjustable), the supply fan shall be stopped, the outside air damper shall close, and alarm status shall remain.
   i. If the unit discharge air temperature falls below 50°F (adjustable), for a period of fifteen (15) minutes, an alarm shall be generated. Upon a further drop, in discharge air temperature to below 45°F (adjustable), the supply fan shall be stopped, the outside air damper shall close, and alarm status shall remain.
   j. If the unit discharge air dewpoint temperature exceeds 58°F (adjustable), an alarm shall be generated.
   k. If outside air damper does not achieve commanded position within 60 seconds (adjustable) of command being sent, an alarm shall be generated and supply fan shall not be allowed to start.
   l. If supply fan starts, prior to outside air damper achieving the fully open position, supply fan shall be stopped and an alarm shall be generated.

DUCT HEATER SCHEDULE

EQUIPMENT NO.	HEATING CAPACITY (MBH)		ELECTRICAL REQUIREMENTS		TOTAL CFM	MAX S.P. (IN. WG.)	MANUFACTURER & MODEL	OPTIONS-ACCESSORIES
	INPUT	OUTPUT	VOLTS	PHASE				
DH-1	400	320	120	1	5445	0.20	HEATCO HDA400-B-S	1-4

NOTES:

1. PROVIDE STAINLESS STEEL HEAT EXCHANGER.

MINI-SPLIT SYSTEM HEAT PUMPS

INDOOR UNIT TAG	OUTDOOR UNIT TAG	INDOOR UNIT DESIGN BASIS	OUTDOOR UNIT DESIGN BASIS	AIRFLOW CFM (LOW/MED/HIGH)	MAXIMUM EXTERNAL STATIC PRESSURE INCHES W.G.	COOLING		HEATING		ELECTRICAL SERVICE (VOLTS / PHASE)	NOTES & ACCESSORIES
						TOTAL CAPACITY (MBH)	SEER	TOTAL CAPACITY (MBH)	HSPF		
IU-1	OU-1	DAIKIN FTXN24	DAIKIN RX24	247/321/413	DUCTLESS	12.0	15.0	12.0	8.2	208/1	ALL

NOTES & ACCESSORIES:

1. COOLING CAPACITIES BASED ON AN ENTERING AIT TEMPERATURE OF 80°F DB / 67°F WB AND AN OUTDOOR AIT TEMPERATURE OF 95°F DB / 75°F WB. LISTED CAPACITIES ARE MINIMUMS.
2. HEATING CAPCITIES ARE BASED ON AN ENTERING AIR TEMPERATURE OF 70°F DB / 60°F WB AND AN OUTDOOR AIR TEMPERATURE OF 17°F DB /15°F WB. LISTED CAPACITIES ARE MINIMUMS.
3. SINGLE POINT POWER CONNECTION.
4. R-310A REFRIGERANT.
5. DISCONNECT SWITCH FOR INDOOR UNIT BY DIVISION 26.
6. WALL-MOUNTED PROGRAMMABLE THERMOSTAT.
7. FACTORY-SUPPLIED AIR FILTER.
8. FACTORY-PROVIDED CONDENSATE PUMP.
9. DISCONNECT SWITCH FOR OUTDOOR UNIT BY DIVISION 26.

PACKAGED TERMINAL HEAT PUMP UNIT SCHEDULE

UNIT	TOTAL CFM	OUTSIDE AIR CFM	EXT. STATIC PRESS.	COOLING TOTAL (MBH)	COOLING SENSIBLE (MBH)	HEAT PUMP MBH	ELECTRIC HEAT (KW)	VOLTAGE/PHASE	MCA	MOCP	MANUFACTURER & MODEL	NOTES
PTAC-A	300	0	0.25"	7.6	6.4	7.0	2.5	208/1	14.1	15	AMANA PTH073G	ALL

NOTES:

1. COOLING CAPACITIES ARE RATED IN ACCORDANCE WITH ARI STANDARD 210/290 AT 105F AMBIENT OUTDOOR AIR TEMP. AND NOMINAL AIR QUANTITY LISTED.
2. PROVIDE WITH SUBBASE AND ARCHITECTURAL LOUVER BY MANUFACTURER. COORDINATE REQUIREMENTS WITH ARCHITECT.
3. UNITS TO BE SUPPLIED WITH APPROPRIATE CORD AND PLUG. COORDINATE WITH ELECTRICAL CONTRACTOR.
4. CONDENSATE TO BE ROUTED DOWN THROUGH EXTERIOR WALL. ALL UNITS SHALL HAVE AN AUXILIARY CONDENSATE DRAIN PAN WITH FLOAT SWITCH.
5. PROVIDE NEW FILTERS FOR EACH UNIT AT TURNOVER TO OWNER.
6. PROVIDE REMOTE DIGITAL THERMOSTAT CAPABLE OF AUTOMATIC CHANGEOVER AND INTEGRATION WITH HILTON CONNECTED ROOM TECHNOLOGY.
7. ALL ACCESSORIES AND OPTIONS ARE TO BE FACTORY INSTALLED.
8. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE OF UNIT DESIRED. SUBMIT CUTSHEETS OF UNITS FOR ARCHITECT AND OWNER FOR APPROVAL PRIOR TO PURCHASING ANY UNITS. UNITS PROPOSED SHALL INCLUDE ANY ADD/DEDUCT ASSOCIATED WITH ACCEPTANCE OF THAT UNIT (OR THE ALTERNATE PACKAGE AS A WHOLE).
9. ROOM AIR VENTILATION IS PROVIDED FROM THE CORRIDORS BY MUA-1, MUA-2, AND MUA-3. NO OUTDOOR AIR IS DUCTED TO THE UNIT, REFER TO DEDICATED OUTSIDE AIR UNIT SCHEDULE ON THIS SHEET AND VENTILATION CALCULATIONS ON SHEET M1.03.

FAN SCHEDULE

EQUIPMENT NO.	SERVICE	CFM	STATIC PRESS. (IN. W.G.)	MOTOR		MANUFACTURER & MODEL	CONTROL SCHEME	NOTES
				HP	VOLT.-PH.-CY.			
EF-A	EXHAUST	50	0.5	129W	120-1-60	GREENHECK SP-B110	A	1-3
EF-B	EXHAUST	75	0.25	121W	120-1-60	GREENHECK SP-A110	B	1, 2, 5
EF-C	EXHAUST	100	0.25	_	120-1-60	GREENHECK SP-A110	D	1-3
EF-D	EXHAUST	300	0.25	_	120-1-60	GREENHECK SP-A410	B	1-3
EF-E	EXHAUST	400	0.375	1/10	120-1-60	GREENHECK SQ-90-VG	D	1-3
EF-F	EXHAUST	500	0.25	_	120-1-60	GREENHECK SP-A700	D	1, 2, 5
EF-G	EXHAUST	550	0.375	1/10	120-1-60	GREENHECK SQ-90-VG	D	1-3

NOTES:

1. ROOF JACK, DESIGN BASIS: BROAN MODEL #636 WITH BIRDSCREEN
2. BACKDRAFT DAMPER
3. COLOR BY ARCHITECT
4. PROVIDE STARTER AS REQUIRED
5. WALL CAP

CONTROLS OPTIONS:

A. CONTROL WITH WALL SWITCH
B. CONTROL WITH THERMOSTAT
C. CONTROL WITH LIGHTS
D. CONTINUOUS OPERATION

SPLIT SYSTEM UNIT SCHEDULE

AIR HANDLING UNIT												CONDENSING UNIT						
GENERAL DATA			FAN DATA			COOLING DATA		HEATING DATA		ELECTRICAL DATA			GENERAL DATA			ELECTRICAL DATA			
UNIT TAG	AREA SERVED	MANUF./MODEL #	SUPPLY AIR (CFM)	E.S.P. ("WG)	OUTSIDE AIR (CFM)	TOTAL MBH	SENSIBLE MBH	TOTAL MBH	AUXILIARY HEAT KW	V/PH	MCA	MOCP	MANUF./MODEL #	TONNAGE	SEER	V/PH	MCA	MOCP	NOTES
AHU-1/HP-1	FITNESS	TRANE 4TEC3F60	1800	0.4	590	58.1	42.9	36.5	16.0	208/1	36	60	TRANE 4TWR3060	5.0	13.0	208/1	36	60	1-16
AHU-2/HP-2	REGISTRATION	TRANE 4TEC3F60	1800	0.4	925	58.1	42.9	36.5	16.0	208/1	36	60	TRANE 4TWR3060	5.0	13.0	208/1	36	60	1-16
AHU-3/HP-3	LOBBY	TRANE 4TEC3F60	1800	0.4	315	58.1	42.9	36.5	16.0	208/1	36	60	TRANE 4TWR3060	5.0	13.0	208/1	36	60	1-16
AHU-4/HP-4	MEETING ROOM	TRANE 4TEC3F60	1800	0.4	330	58.1	42.9	36.5	16.0	208/1	36	60	TRANE 4TWR3060	5.0	13.0	208/1	36	60	1-15
AHU-5/HP-5	LAUNDRY	TRANE 4TEC3F60	1800	0.4	345	58.1	42.9	36.5	16.0	208/1	36	60	TRANE 4TWR3060	5.0	13.0	208/1	36	60	1-15

NOTES:

1. COOLING CAPACITIES ARE RATED IN ACCORDANCE WITH ARI STANDARD 210/290 AT 105°F ENTERING AIR TEMP. AND NOMINAL AIR QUALITIES LISTED. HEATING RATED CAPACITY AT 27° AMBIENT OUTDOOR TEMP.
2. REFRIGERANT PIPING TO BE SIZED PER TOTAL INSTALLED EQUIVALENT LENGTH, UNIT CAPACITY AND MANUFACTURER'S RECOMMENDATIONS INCLUDE LIQUID LINE SOLENOID VALVES, ACCUMULATOR, ETC. AS REQUIRED.
3. PROVIDE SINGLE-POINT ELECTRICAL CONNECTION FOR FAN COIL UNIT. ALL DISCONNECTS BY ELECTRICAL.
4. PROVIDE NEW FILTER IN EACH UNIT AT TURNOVER TO OWNER.
5. PROVIDE MANUFACTURER'S 7-DAY PROGRAMMABLE AUTOMATIC CHANGEOVER HEAT/COOL THERMOSTAT WITH CLEAR, LOCKABLE THERMOSTAT COVER FOR THERMOSTATS LOCATED IN COMMON AREAS.
6. PROVIDE HEAT PUMP KIT WITH FAN COIL UNIT (IF REQUIRED).
7. ALL ACCESSORIES AND OPTIONS ARE TO BE FACTORY INSTALLED.
8. FAN COIL UNIT TO BE INSTALLED IN VERTICAL APPLICATION. PROVIDE AUXILIARY CONDENSATE DRAIN PAN UNDER UNIT WITH FLOAT SWITCH.
9. DRAIN CONDENSATE TO HUB/FLOOR DRAIN.
10. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF UNIT DESIRED. SUBMIT CUTSHEETS OF THESE OR ANY ALTERNATIVE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY UNITS. INFORMATION ON ALTERNATE UNITS PROPOSED BY THE CONTRACTOR SHALL INCLUDE THIS ADD/DEDUCT ASSOCIATED WITH ACCEPTANCE OF THAT UNIT.
11. DIVISION 26 DISCONNECTS. PROVIDE SEPARATE DISCONNECTS FOR INDOOR AND OUTDOOR UNITS.
12. FILTER RACK WITH MERV 8 FILTER AND MERV 13 FILTER.
13. PROVIDE AIR HANDLER WITH HIGH STATIC MOTOR CAPABLE OF LONG DUCT RUNS SUCH AS 200 FEET.
14. PROVIDE WITH FOIL FACED FIBERGLASS INSULATION OR CLOSED-CELL ELASTOMETRIC INSULATION.
15. PROVIDE UV PROTECTIVE COATING/COVERING ON ALL ELASTOMERIC PIPE INSULATION WHERE EXPOSED TO SUNLIGHT.
16. PROVIDE BI-POLAR IONIZATION.

DEDICATED OUTSIDE AIR UNIT SCHEDULE

UNIT	TOTAL CFM	EXT. STATIC PRESS.	MOTOR HP	COOLING COIL ENT DB/WB	LEAVING DB/WB	COOLING TOTAL (MBH)	COOLING SENSIBLE (MBH)	HOT GAS REHEAT LAT (F)	HEATING GAS INPUT (MBH)	HEATING GAS OUTPUT (MBH)	INDOOR MCA	INDOOR MOCP	INDOOR VOLTAGE/PHASE	OUTDOOR MCA	OUTDOOR MOCP	OUTDOOR VOLTAGE/PHASE	INDOOR WEIGHT	OUTDOOR WEIGHT	INDOOR/OUTDOOR MANUFACTURER & MODEL	NOTES & ACCESSORIES
MUA-1/CU-1	5445	1.5	8	83.9/79.3	55.51/55.31	443.36	163.29	–	–	–	19	25	208/3	142	150	208/3	850	2410	AAON V3-ERB-8-0-162C-000/AAON CFA-040-D-0-8-EC0EJ	1-22
MUA-2	1920	1.5	2	83.9/79.3	54.41/54.21	161.92	59.91	72	195	156	–	–	–	65	80	208/3	–	2700	AAON RN-013-8-A-CA12-3FB	2-14, 16-18, 20, 22
MUA-3	2720	1.5	2			225.95	81.13	72			–	–	–	65	80	208/3	–	2800	AAON RN-013-8-A-BA12-3FB	2-14, 16-18, 20-22

NOTES & ACCESSORIES:

1. SPLIT DX UNIT WITH REMOTE CONDENSER.
2. AMBIENT CONDITIONS AT CONDENSER: 105°F
3. R-410A WORKING REFRIGERANT.
4. FACTORY WIRED VFDS.
5. INTERNALLY MOUNTED CONTROL CENTER WITH 24 VAC CONTROL TRANSFORMER.
6. CONSTANT VOLUME SUPPLY FAN CONTROL.
7. FILTER RACK WITH 2" MERV 8 FILTERS IN SUPPLY AIRSTREAM.
8. FACTORY PROVIDED AND WIRED STARTERS/CONTACTORS/VFDS.
9. 115V CONVENIENCE OUTLET – FACTORY WIRED.
10. DOUBLE WALL, INSULATED CABINET.
11. STAINLESS STEEL CONDENSATE DRAIN PAN AND CONNECTION WITH CONDENSATE DRAIN TRAP.
12. SINGLE POINT POWER CONNECTION AND FACTORY DISCONNECT SWITCH (APPLIES TO BOTH INDOOR AND OUTDOOR UNITS).
13. HOT GAS REHEAT FOR DEHUMIDIFICATION.
14. PHASE AND BROWNOUT PROTECTION.
15. OUTDOOR UNIT SHALL BE LOCATED ON GRADE. SEE PLANS.
16. PROVIDE FLEXIBLE CONNECTORS AT DUCTWORK CONNECTIONS TO UNIT INTAKE AND DISCHARGE.
17. FACTORY-PROVIDED TEMPERATURE AND HUMIDITY SENSORS. SEE PLANS FOR QUANTITIES AND LOCATIONS. IF SENSORS INCLUDE LOCAL ADJUSTABILITY, PROVIDE WITH CLEAR LOCKABLE COVER.
18. FACTORY CONTROLS CAPABLE OF ACCOMPLISHING THE SEQUENCE OF OPERATION.
19. PROVIDE A DUCT HEATER IN SUPPLY DUCT.
20. WINTER ENTERING AIR TEMP: 10°F
21. PROVIDE MERV-13 SECONDARY FILTERS.
22. PROVIDE FULLY SYNTHETIC MEDIA WITH SPECIAL SUPPORTING STRUCTURE TO PREVENT MOISTURE LADEN FILTER COLLAPSE.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL SCHEDULES & NOTES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
M1.02

MUA-2 OUTSIDE AIR SCHEDULE

ZONE	SPACE NAME	CLASSIFICATION	AREA (S	Air Distribution Configuration	PEOPLE/1000S	PEOPLE	CFM/PERSC	CFM/S	OA (PEOPL	OA (SPAC	CFM REQUIRI	EFFECTIVENESS FACTOR	TOTAL CFM REQUIREI
B	x51 - STAIR 31	Corridor	146	Ceiling supply o	0	0	0	0.06	0	8.8	8.8	0.8	11.0
B	334 - ELEVATOR LOBBY	Hotel Lobby	201	Ceiling supply o	30	6	7.5	0.06	45.225	12.1	57.3	0.8	71.6
B	335 - HOUSEKEEPING	Storage	250	Ceiling supply o	0	0	0	0.12	0	30.0	30.0	0.8	37.5
B	301 - QUEEN STUDIO	Bedroom	371	Ceiling supply o	10	4	5	0.06	18.55	22.3	40.8	0.8	51.0
B	303 - QUEEN STUDIO	Bedroom	284	Ceiling supply o	10	3	5	0.06	14.2	17.0	31.2	0.8	39.1
B	305 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	307 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	309 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	311 - QUEEN STUDIO	Bedroom	284	Ceiling supply o	10	3	5	0.06	14.2	17.0	31.2	0.8	39.1
B	313 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	315 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	317 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	304 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	306 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	308 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	310 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	312 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	314 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	316 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	x51 - STAIR 31	Corridor	146	Ceiling supply o	0	0	0	0.06	0	8.8	8.8	0.8	11.0
B	434 - ELEVATOR LOBBY	Hotel Lobby	201	Ceiling supply o	30	6	7.5	0.06	45.225	12.1	57.3	0.8	71.6
B	435 - HOUSEKEEPING	Storage	250	Ceiling supply o	0	0	0	0.12	0	30.0	30.0	0.8	37.5
B	401 - QUEEN STUDIO	Bedroom	371	Ceiling supply o	10	4	5	0.06	18.55	22.3	40.8	0.8	51.0
B	403 - QUEEN STUDIO	Bedroom	284	Ceiling supply o	10	3	5	0.06	14.2	17.0	31.2	0.8	39.1
B	405 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	407 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	409 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	411 - QUEEN STUDIO	Bedroom	284	Ceiling supply o	10	3	5	0.06	14.2	17.0	31.2	0.8	39.1
B	413 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	415 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	417 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	404 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	406 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	408 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	410 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	412 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	414 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
B	416 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2

MUA-3 OUTSIDE AIR SCHEDULE

ZONE	SPACE NAME	CLASSIFICATION	AREA (S	Air Distribution Configuration	PEOPLE/1000S	PEOPLE	CFM/PERSC	CFM/S	OA (PEOPL	OA (SPAC	CFM REQUIRI	EFFECTIVENESS FACTOR	TOTAL CFM REQUIREI
C	319 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	321 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	323 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	325 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	327 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	329 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	331 - QUEEN ONE BR END	Bedroom	410	Ceiling supply o	10	4	5	0.06	20.5	24.6	45.1	0.8	56.4
C	X52 - STAIR #2	Corridor	146	Ceiling supply o	0	0	0	0.06	0	8.8	8.8	0.8	11.0
C	333 - CORRIDOR	Corridor	1254	Ceiling supply o	0	0	0	0.06	0	75.2	75.2	0.8	94.1
C	320 - QUEEN STUDIO	Bedroom	425	Ceiling supply o	10	4	5	0.06	21.25	25.5	46.8	0.8	58.4
C	322 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	324 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	326 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	328 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	330 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	332 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	419 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	421 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	423 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	425 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	427 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	429 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	431 - QUEEN ONE BR END	Bedroom	410	Ceiling supply o	10	4	5	0.06	20.5	24.6	45.1	0.8	56.4
C	X52 - STAIR #2	Corridor	146	Ceiling supply o	0	0	0	0.06	0	8.8	8.8	0.8	11.0
C	433 - CORRIDOR	Corridor	1254	Ceiling supply o	0	0	0	0.06	0	75.2	75.2	0.8	94.1
C	420 - QUEEN STUDIO	Bedroom	425	Ceiling supply o	10	4	5	0.06	21.25	25.5	46.8	0.8	58.4
C	422 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	424 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	426 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	428 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	430 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
C	432 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2

NOTE: CALCULATED OUTSIDE AIR IS BASED ON CODE CODE REQUIREMENTS (2018 IMC). ACTUAL OUTSIDE AIR INCLUDED IN DESIGN HAS BEEN REDUCED AS A RESULT OF INSTALLATION OF BI-POLAR IONIZATION DEVICES.

MUA-1 OUTSIDE AIR SCHEDULE

ZONE	SPACE NAME	CLASSIFICATION	AREA (S	Air Distribution Configuration	PEOPLE/1000S	PEOPLE	CFM/PERSC	CFM/S	OA (PEOPL	OA (SPAC	CFM REQUIRI	EFFECTIVENESS FACTOR	TOTAL CFM REQUIREI
A	024 - FITNESS ROOM	Aerobics Room	527	Ceiling supply o	40	21	20	0.06	421.6	31.6	453.2	0.8	566.5
A	025 - GUEST LAUNDRY	Commercial Laundry	81	Ceiling supply o	10	1	25	0	20.3	0.0	20.3	0.8	25.3
A	025A - MECH	Storage	34	Ceiling supply o	0	0	0	0.12	0.0	4.1	4.1	0.8	5.1
A	018 - ELEVATOR EQUIP	Elevator Car	95	Ceiling supply o	0	0	0	0	0.0	0.0	0.0	0.8	0.0
A	011A - ELEVATOR	Elevator Car	121	Ceiling supply o	0	0	0	0	0.0	0.0	0.0	0.8	0.0
A	017 - UNISEX BATHROOM	Hotel Bathroom	62	Ceiling supply o	0	0	0	0	0.0	0.0	0.0	0.8	0.0
A	051 - STAIR #1	Corridor	146	Ceiling supply o	0	0	0	0.06	0.0	8.8	8.8	0.8	11.0
A	011 - ELEVATOR LOBBY	Hotel Lobby	204	Ceiling supply o	30	6	7.5	0.06	45.9	12.2	58.1	0.8	72.7
A	001 - VESTIBULE	Corridor	266	Ceiling supply o	0	0	0	0.06	0.0	16.0	16.0	0.8	20.0
A	012 - LAUNDRY DISCHARGE	Commercial Laundry	99	Ceiling supply o	10	1	25	0	24.8	0.0	24.8	0.8	30.9
A	010 - MANAGERS OFFICE	Office	93	Ceiling supply o	5	0	5	0.06	2.3	5.6	7.9	0.8	9.9
A	013A - EMPLOYEE BREAK	Office	191	Ceiling supply o	5	1	5	0.06	4.8	11.5	16.2	0.8	20.3
A	013 - LAUNDRY	Commercial Laundry	270	Ceiling supply o	10	3	25	0	67.5	0.0	67.5	0.8	84.4
A	014 - DRYER	Commercial Dry Cleaner	84	Ceiling supply o	30	3	30	0	75.6	0.0	75.6	0.8	94.5
A	019 - STORE ROOM	Storage	60	Ceiling supply o	0	0	0	0.12	0.0	7.2	7.2	0.8	9.0
A	005A - HOME2 MARKET	Office	107	Ceiling supply o	5	1	5	0.06	2.7	6.4	9.1	0.8	11.4
A	005 - REGISTRATION DESK	Office	182	Ceiling supply o	5	1	5	0.06	4.6	10.9	15.5	0.8	19.3
A	008 - SERVERY	Cafeteria/Fast Food	204	Ceiling supply o	100	20	7.5	0.18	153.0	36.7	189.7	0.8	237.2
A	006 - BREAKFAST	Cafeteria/Fast Food	481	Ceiling supply o	100	48	7.5	0.18	360.8	86.6	447.3	0.8	559.2
A	009 - WORK STATIONS	Office	83	Ceiling supply o	5	0	5	0.06	2.1	5.0	7.1	0.8	8.8
A	004 - LOBBY	Hotel Lobby	855	Ceiling supply o	30	26	7.5	0.06	192.4	51.3	243.7	0.8	304.6
A	022 - MECHANICAL	Storage	23	Ceiling supply o	0	0	0	0.12	0.0	2.8	2.8	0.8	3.5
A	007 - FOOD PREP	Kitchen	186	Ceiling supply o	20	4	7.5	0.12	27.9	22.3	50.2	0.8	62.8
A	027 - ENGINEER	Office	148	Ceiling supply o	5	1	5	0.06	3.7	8.9	12.6	0.8	15.7
A	002 - VESTIBULE	Corridor	83	Ceiling supply o	0	0	0	0.06	0.0	5.0	5.0	0.8	6.2
A	019 - CORRIDOR	Corridor	76	Ceiling supply o	0	0	0	0.06	0.0	4.6	4.6	0.8	5.7
A	023 - PBX	Telephone/Data Entry	112	Ceiling supply o	60	7	5	0.06	33.6	6.7	40.3	0.8	50.4
A	021 - MENS RESTROOM	Hotel Bathroom	57	Ceiling supply o	0	0	0	0	0.0	0.0	0.0	0.8	0.0
A	020 - WOMENS RESTROOM	Hotel Bathroom	57	Ceiling supply o	0	0	0	0	0.0	0.0	0.0	0.8	0.0
A	028 - SALES	Office	116	Ceiling supply o	5	1	5	0.06	2.9	7.0	9.9	0.8	12.3
A	030 - MEETING ROOM STORA	Storage	161	Ceiling supply o	0	0	0	0.12	0.0	19.3	19.3	0.8	24.2
A	029 - MEETING ROOM	Hotel Conference	786	Ceiling supply o	50	39	5	0.06	196.5	47.2	243.7	0.8	304.6
A	026 - MECHANICAL ROOM	Storage	400	Ceiling supply o	0	0	0	0.12	0.0	48.0	48.0	0.8	60.0
A	120 - QUEEN ONE BR ACC	Bedroom	423	Ceiling supply o	10	4	5	0.06	21.2	25.4	46.5	0.8	58.2
A	122 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	124 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	126 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	128 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	130 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	132 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	119 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	121 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	123 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	125 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	127 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	129 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	131 - QUEEN ONE BR END	Bedroom	407	Ceiling supply o	10	4	5	0.06	20.4	24.4	44.8	0.8	56.0
A	052 - STAIR 32	Corridor	146	Ceiling supply o	0	0	0	0.06	0.0	8.8	8.8	0.8	11.0
A	133 - E CORRIDOR	Corridor	542	Ceiling supply o	0	0	0	0.06	0.0	32.5	32.5	0.8	40.7
A	133 - W CORRIDOR	Corridor	244	Ceiling supply o	0	0	0	0.06	0.0	14.6	14.6	0.8	18.3
A	x51 - STAIR 31	Corridor	146	Ceiling supply o	0	0	0	0.06	0	8.8	8.8	0.8	11.0
A	ELEVATOR	Elevator Car	121	Ceiling supply o	0	0	0	0	0	0.0	0.0	0.8	0.0
A	X34 - ELEVATOR LOBBY	Hotel Lobby	201	Ceiling supply o	30	6	7.5	0.06	45.225	12.1	57.3	0.8	71.6
A	X35 - HOUSEKEEPING	Storage	250	Ceiling supply o	0	0	0	0.12	0	30.0	30.0	0.8	37.5
A	201 - QUEEN STUDIO	Bedroom	371	Ceiling supply o	10	4	5	0.06	18.55	22.3	40.8	0.8	51.0
A	203 - QUEEN STUDIO	Bedroom	284	Ceiling supply o	10	3	5	0.06	14.2	17.0	31.2	0.8	39.1
A	205 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	207 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	209 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	211 - QUEEN STUDIO	Bedroom	284	Ceiling supply o	10	3	5	0.06	14.2	17.0	31.2	0.8	39.1
A	213 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	215 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	217 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	219 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	221 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	223 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	225 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	227 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	229 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	231 - QUEEN ONE BR END	Bedroom	410	Ceiling supply o	10	4	5	0.06	20.5	24.6	45.1	0.8	56.4
A	X52 - STAIR #2	Corridor	146	Ceiling supply o	0	0	0	0.06	0	8.8	8.8	0.8	11.0
A	X33 - CORRIDOR	Corridor	1254	Ceiling supply o	0	0	0	0.06	0	75.2	75.2	0.8	94.1
A	204 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	206 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	208 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	210 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	212 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	214 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	216 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	212 - QUEEN STUDIO	Bedroom	425	Ceiling supply o	10	4	5	0.06	21.25	25.5	46.8	0.8	58.4
A	224 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	226 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	228 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	230 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	232 - QUEEN STUDIO	Bedroom	278	Ceiling supply o	10	3	5	0.06	13.9	16.7	30.6	0.8	38.2
A	220 - QUEEN ONE BR ACC	Bedroom	425	Ceiling supply o	10	4	5	0.06	21.25	25.5	46.8	0.8	58.4

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

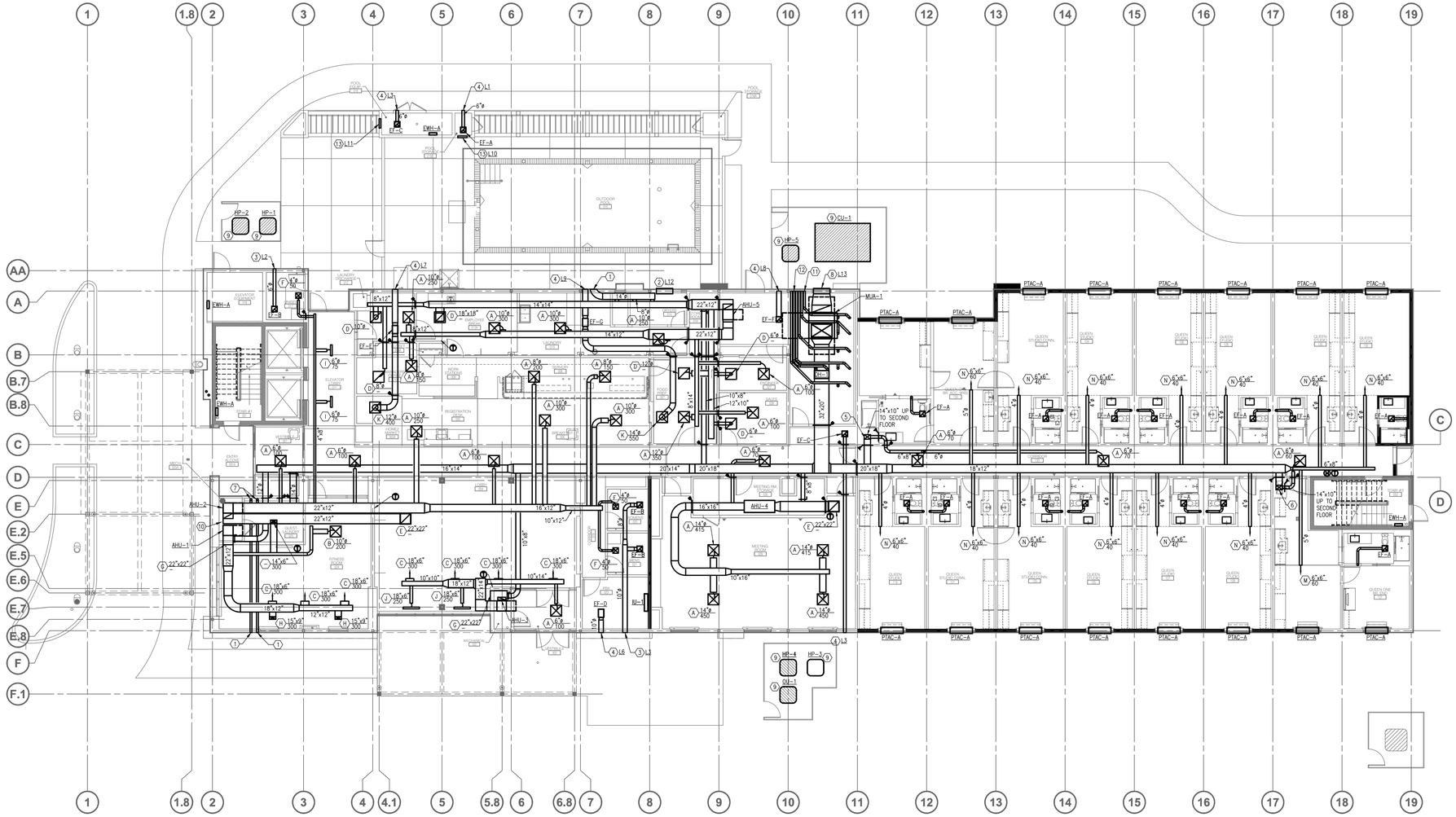
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL VENTILATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
M1.03



1 M2.01

MECHANICAL FIRST FLOOR PLAN

SCALE: 3/32" = 1'-0"

NORTH

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. SEE 4/M4.04 FOR TYPICAL ROUTING FOR GUESTROOM EXHAUST DUCTS.
2. SEE 1/M4.04 FOR TYPICAL ROUTING OF CONDENSATE FROM GUESTROOM PTAC UNITS.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) DRYER VENT SHALL BE SINGLE WALL STAINLESS STEEL. CONTRACTOR TO TERMINATE VENT AT 90°F ELBOW DOWN TOWARD GRADE. VERIFY DUCT SIZE WITH MANUFACTURER'S SPECIFICATIONS. DUCT TO BE 12 FT ABOVE FINISH GRADE.

(2) TWO MAKE-UP AIR LOUVERS FOR DRYERS. MOUNT ONE 12"ABOVE FINISHED FLOOR, OTHER TO BE MOUNTED 12" BELOW FINISHED CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE WITH INSECT SCREEN AND MOTORIZED DAMPER TO OPEN WHEN DRYER(S) ARE IN OPERATION.

(3) EXHAUST DUCT TO EXTERIOR. PROVIDE WITH WALL LOUVER AND INSECT SCREEN. COORDINATE COLOR AND LOCATION OF WALL LOUVER WITH ARCHITECTURAL PLANS. MAINTAIN 10 FEET FROM ANY SOURCES OF OUTSIDE AIR.

(4) EXHAUST DUCT TO EXTERIOR. PROVIDE WITH WALL LOUVER AND INSECT SCREEN. COORDINATE COLOR AND LOCATION OF WALL LOUVER WITH ARCHITECTURAL PLANS. MAINTAIN 10 FEET FROM ANY SOURCES OF OUTSIDE AIR. PROVIDE MOTORIZED DAMPER TO OPEN WHEN FAN(S) ARE IN OPERATION.

(5) SEE OUTSIDE AIR RISER 2/M4.04.

(6) SEE OUTSIDE AIR RISER 3/M4.04.

(7) 4"ø DRYER VENT TO BE DUCTED UP INTO PLENUM THROUGH WALL CAVITY AND CONCEALED. DRYER VENT TO TERMINATE AT WALL CAP WITH BACKDRAFT DAMPER AND NO BIRDSCREEN. DRYER BOX TO BE INSTALLED AT WALL BEHIND DRYER FOR CONNECTION OF FLEXIBLE DRYER DUCT. PLACARD SHALL BE PLACED ON WALL OF LAUNDRY ROOM STATING THAT "DRYER USED IN THIS LOCATION SHALL BE CAPABLE OF MINIMUM DISCHARGE OF 65 EQUIVALENT FEET."

(8) MOUNT VENTILATION LOUVER 12" BELOW FINISHED CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE WITH AN INSECT SCREEN.

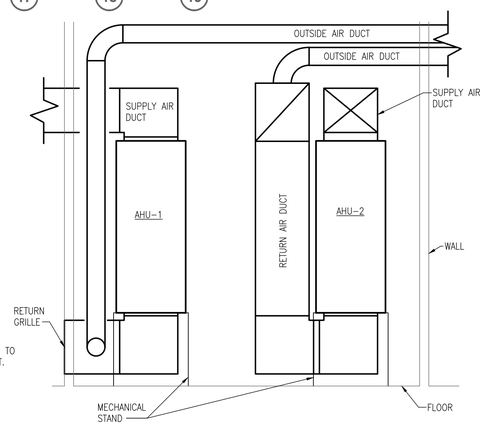
(9) PROVIDE 6" HIGH CONCRETE PAD WITH MINIMUM 6" AROUND FOOTPRINT OF CONDENSING UNIT. PROVIDE UV PROTECTION COATING/COVERING ON ALL ELASTOMERIC PIPE INSULATION WHERE CONNECTED REFRIGERANT PIPING IS EXPOSED TO SUNLIGHT.

(10) SEE 2/M2.01 FOR DUCT ROUTING.

(11) 4" WATER HEATER INTAKE PIPE ROUTED ABOVE 4" WATER FLUE PIPE. CONNECT BOTH PIPES TO CONCENTRIC CONNECTION AT WALL (TYP. OF 5). MAINTAIN A MINIMUM OF 1' OF SPACING BETWEEN BOTTOM OF CONCENTRIC VENT AND TOP OF DOOR.

(12) PROVIDE PVC COMMON CONCENTRIC VENT KIT FOR HEATCO DUCT HEATER. MAINTAIN A MINIMUM OF 1' OF SPACING BETWEEN BOOTOM OF CONCENTRIC VENT AND TOP OF DOOR.

(13) INTAKE AIR LOUVER WITH MOTOR OPERATED DAMPER INTERLOCKED WITH EXHAUST FAN TO BE INSTALLED BELOW FINISHED CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE WITH AN INSECT SCREEN.



NOTE: REFER TO 1/M2.01 FOR DUCT SIZES.

2 M2.01

MECHANICAL ELEVATION VIEW

SCALE: N.T.S.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

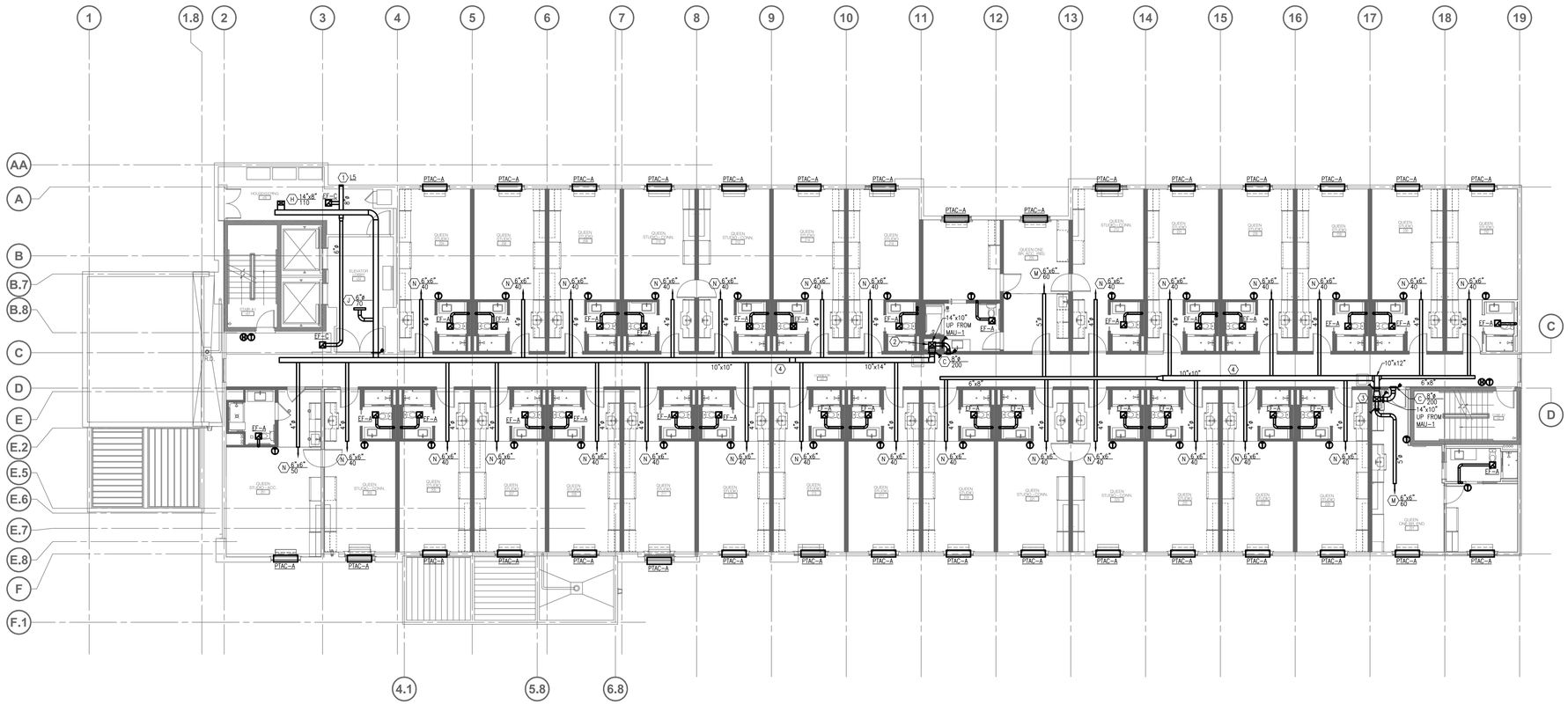
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

M2.01



1 M2.02

MECHANICAL SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

NORTH

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. SEE 4/M4.04 FOR TYPICAL ROUTING FOR GUESTROOM EXHAUST DUCTS.
2. SEE 1/M4.04 FOR TYPICAL ROUTING OF CONDENSATE FROM GUESTROOM PTAC UNITS.

KEY NOTES:

APPLY THIS SHEET ONLY

1. EXHAUST DUCT TO EXTERIOR WALL LOUVER WITH MINIMUM SIZE OF 2 SQUARE FEET AND MINIMUM OF 50% FREE AREA WITH INSECT SCREEN. COORDINATE COLOR AND LOCATION OF WALL LOUVER WITH ARCHITECTURAL PLANS. MAINTAIN A MINIMUM OF 10 FEET OF CLEARANCE WITH ANY SOURCES OF OUTSIDE AIR INTAKE.
2. SEE OUTSIDE AIR RISER 2/M4.04.
3. SEE OUTSIDE AIR RISER 3/M4.04.
4. OUTSIDE AIR DUCT ROUTED IN CEILING SPACE. FIELD COORDINATE WITH PLUMBING, ROOF DRAINS, AND SPRINKLER PIPING.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

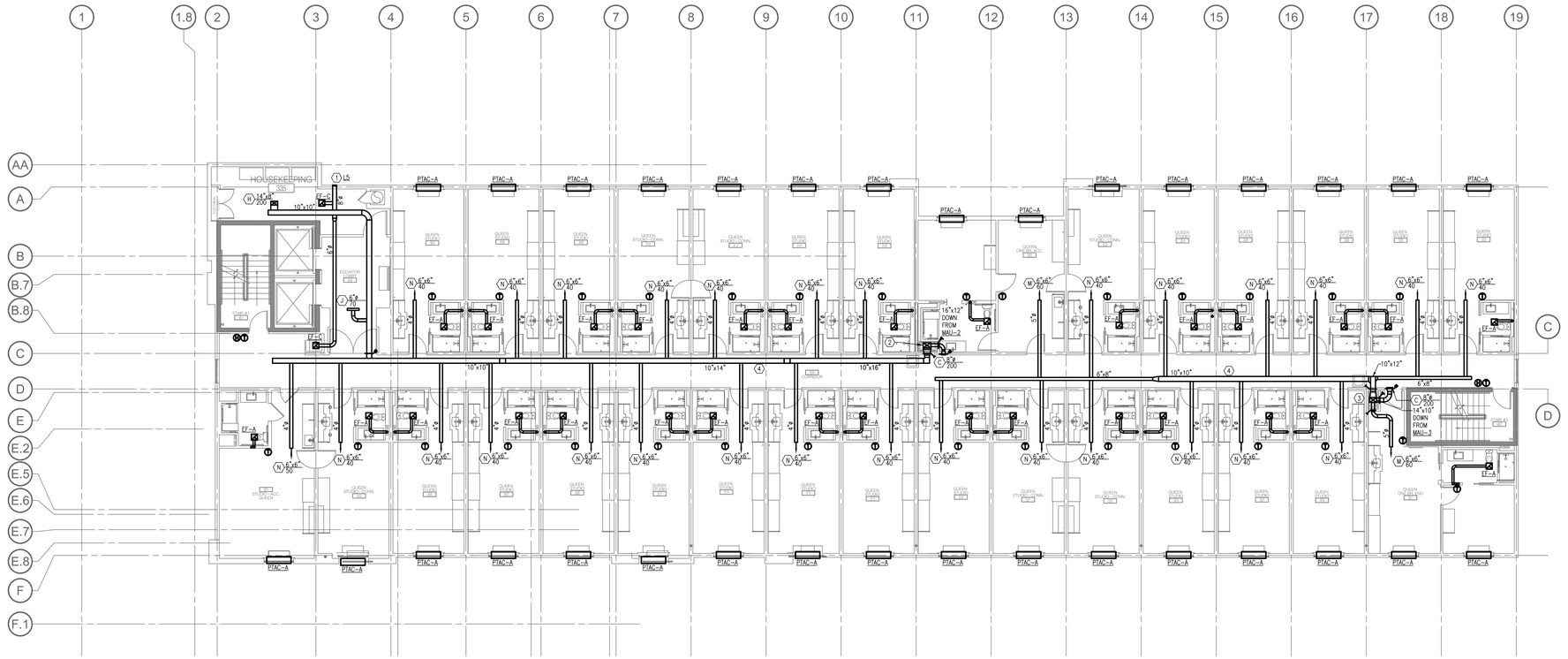
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL SECOND FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:

M2.02



MECHANICAL
THIRD FLOOR PLAN

1 / M2.03

SCALE: 3/32" = 1'-0"

NORTH

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. SEE 4/M4.04 FOR TYPICAL ROUTING FOR GUESTROOM EXHAUST DUCTS.
2. SEE 1/M4.04 FOR TYPICAL ROUTING OF CONDENSATE FROM GUESTROOM PTAC UNITS.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) EXHAUST DUCT TO EXTERIOR WALL LOUVER WITH MINIMUM SIZE OF 2 SQUARE FEET AND MINIMUM OF 50% FREE AREA WITH INSECT SCREEN. COORDINATE COLOR AND LOCATION OF WALL LOUVER WITH ARCHITECTURAL PLANS. MAINTAIN A MINIMUM OF 10 FEET OF CLEARANCE WITH ANY SOURCES OF OUTSIDE AIR INTAKE.

(2) SEE OUTSIDE AIR RISER 2/M4.04.

(3) SEE OUTSIDE AIR RISER 3/M4.04.

(4) OUTSIDE AIR DUCT ROUTED IN CEILING SPACE. FIELD COORDINATE WITH PLUMBING, ROOF DRAINS, AND SPRINKLER PIPING.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL THIRD FLOOR PLAN

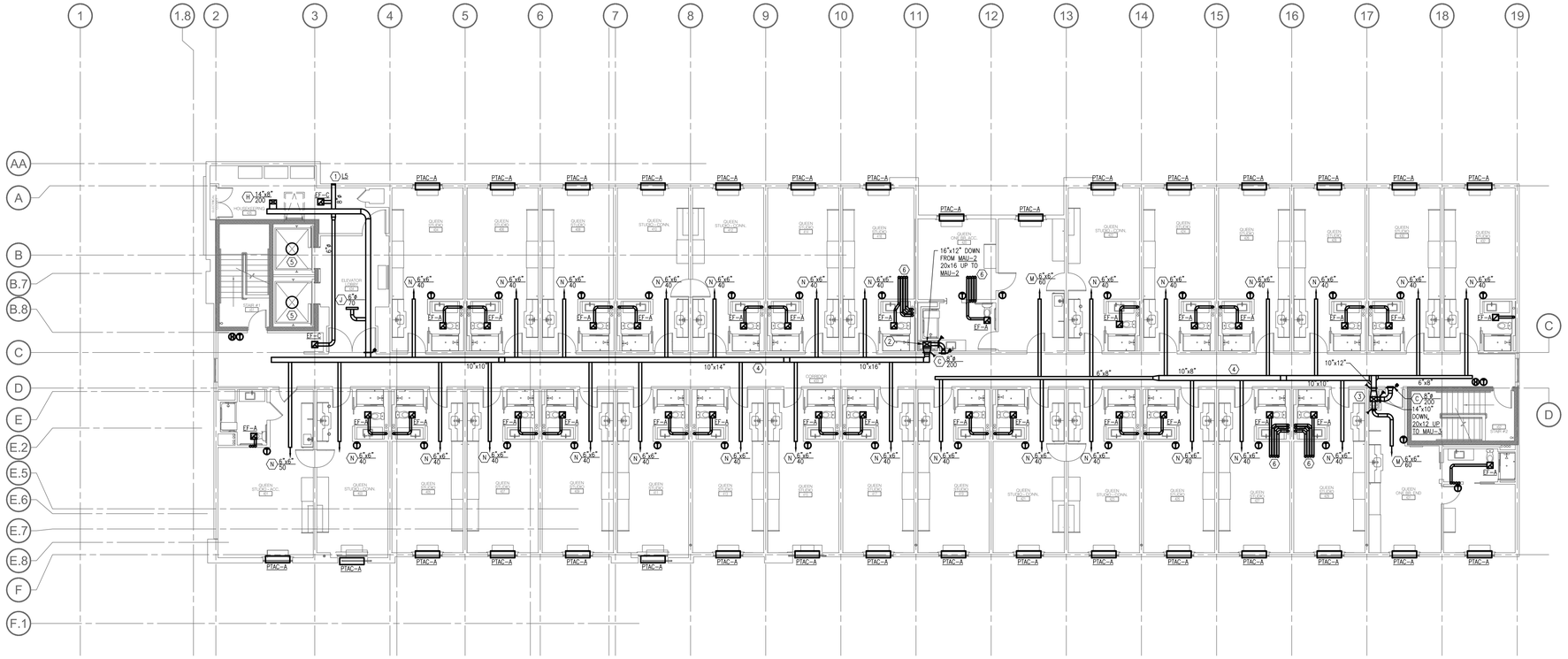
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

M2.03



1
M2.04

MECHANICAL FOURTH FLOOR PLAN

SCALE: 3/32" = 1'-0"

NORTH

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. SEE 4/M4.04 FOR TYPICAL ROUTING FOR GUESTROOM EXHAUST DUCTS.
2. SEE 1/M4.04 FOR TYPICAL ROUTING OF CONDENSATE FROM GUESTROOM PTAC UNITS.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) EXHAUST DUCT TO EXTERIOR WALL LOUVER WITH MINIMUM SIZE OF 2 SQUARE FEET AND MINIMUM OF 50% FREE AREA WITH INSECT SCREEN. COORDINATE COLOR AND LOCATION OF WALL LOUVER WITH ARCHITECTURAL PLANS. MAINTAIN A MINIMUM OF 10 FEET OF CLEARANCE WITH ANY SOURCES OF OUTSIDE AIR INTAKE.

(2) SEE OUTSIDE AIR RISER 2/M4.04.

(3) SEE OUTSIDE AIR RISER 3/M4.04.

(4) OUTSIDE AIR DUCT ROUTED IN CEILING SPACE. FIELD COORDINATE WITH PLUMBING, ROOF DRAINS, AND SPRINKLER PIPING.

(5) PROVIDE 24"ø OPENING IN TOP OF ELEVATOR SHAFT FOR HOISTWAY VENTING THROUGH ROOF HOOD. SEE ROOF PLAN. ROUTE EXHAUST DUCTWORK THROUGH CEILING TO OFFSET A MINIMUM OF 10 FEET FROM OUTSIDE AIR INTAKE FROM MAU ON ROOF. SEE 1/M2.05 FOR MORE INFORMATION.

(6) ROUTE EXHAUST DUCTWORK THROUGH CEILING TO OFFSET A MINIMUM OF 10 FEET FROM OUTSIDE AIR INTAKE FROM MAU ON ROOF. SEE 1/M2.05 FOR MORE INFORMATION.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

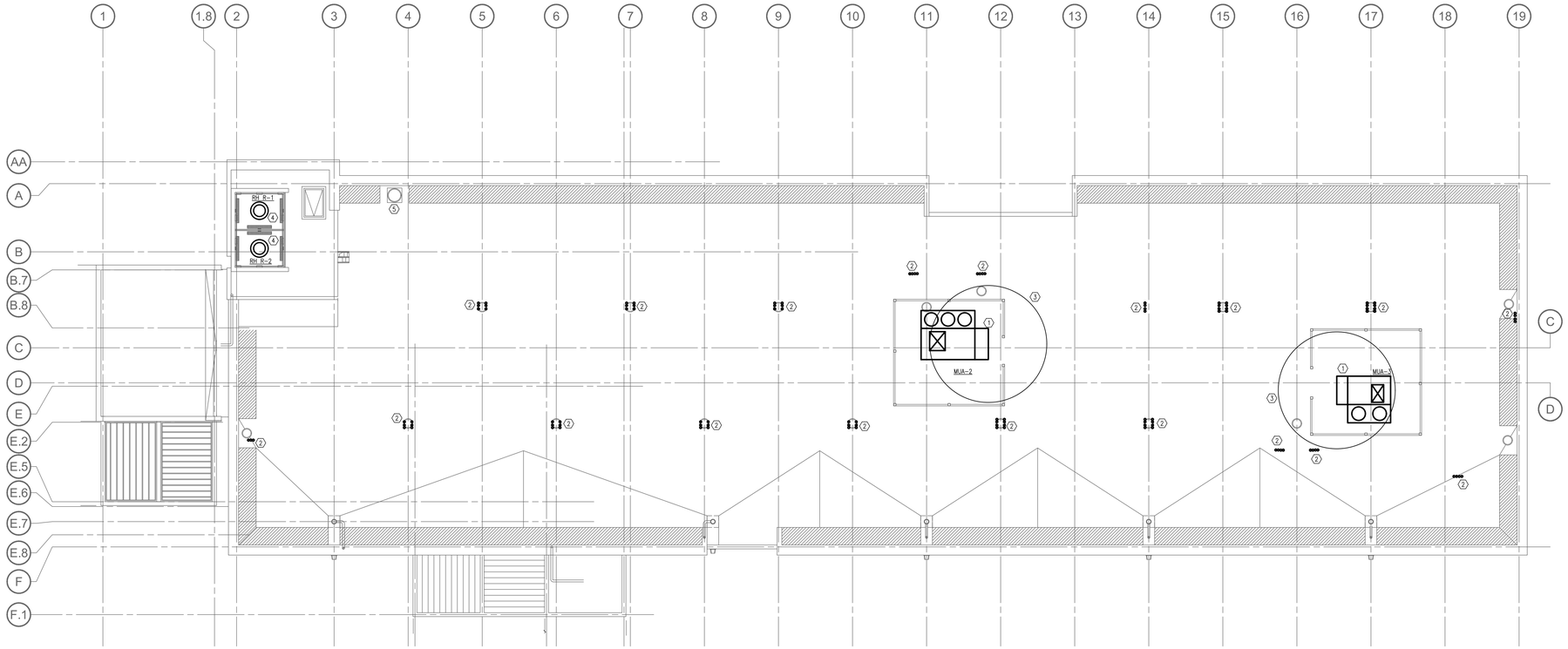
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL FOURTH FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

M2.04



1 M2.05

MECHANICAL ROOF PLAN

SCALE: 3/32" = 1'-0"

NORTH

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. SEE 4/M4.04 FOR TYPICAL ROUTING FOR GUESTROOM EXHAUST DUCTS.
2. SEE 1/M4.04 FOR TYPICAL ROUTING OF CONDENSATE FROM GUESTROOM PTAC UNITS.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) GAS FIRED MAKE UP AIR UNIT. PROVIDE 30" ROOF CURB, COORDINATE WITH ALL DISCIPLINES. REFER TO PLUMBING SHEETS FOR GAS PIPING.

(2) 4"ø GUEST ROOM TOILET EXHAUST DUCT TO TERMINATE AT ROOF JACK. TERMINATE A MINIMUM OF 10 FEET FROM MAU INTAKE.

(3) NO EXHAUST OR TOILET VENTS IN THIS AREA.

(4) MOTORIZED DAMPER IN ROOF HOOD SHALL BE NORMALLY POWERED CLOSED, AND SHALL SPRING TO THE OPEN POSITION UPON LOSS OF POWER OR ACTIVATION OF BUILDING FIRE ALARM.

(5) PROVIDE GRAVITY INTAKE VENTILATOR, BASIS OF DESIGN: GREENHECK GRSI-30 OR EQUIVALENT.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL ROOF PLAN

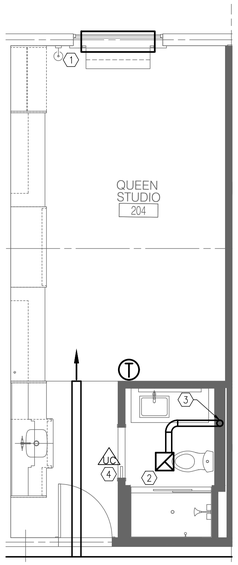
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

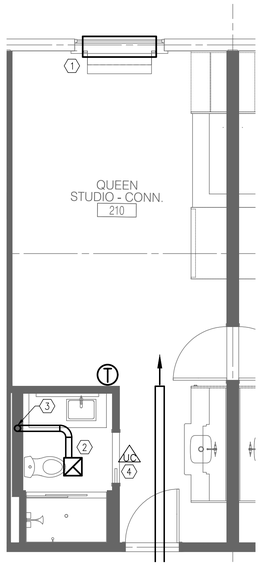
PROJECT NUMBER:
19003

SHEET NUMBER:

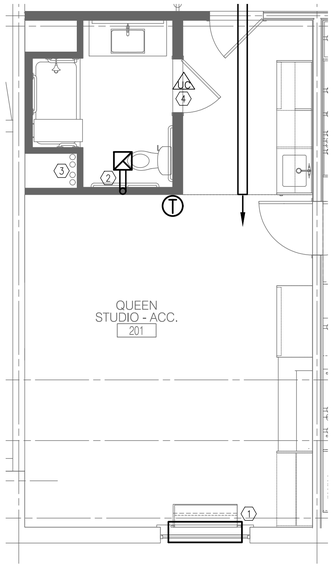
M2.05



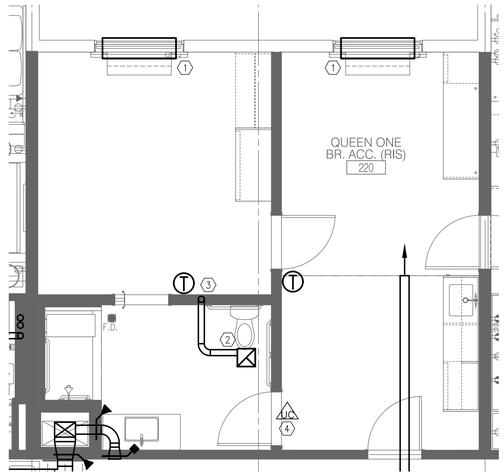
1 M3.01 ENLARGED QUEEN STUDIO
SCALE: 1/4" = 1'-0"



2 M3.01 ENLARGED QUEEN STUDIO CONN.
SCALE: 1/4" = 1'-0"



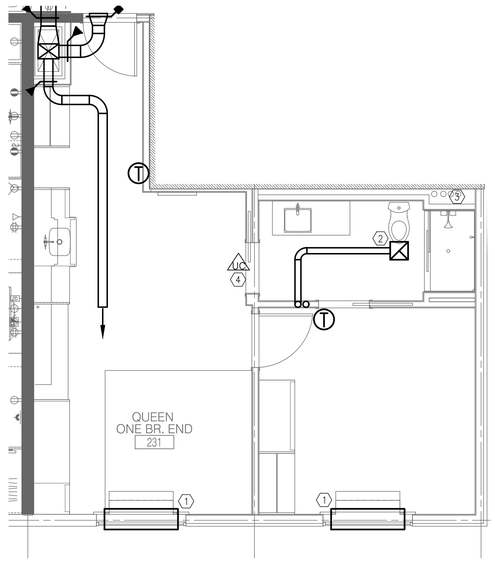
3 M3.01 ENLARGED QUEEN STUDIO ACC.
SCALE: 1/4" = 1'-0"



4 M3.01 ENLARGED QUEEN ONE BEDROOM ACC.
SCALE: 1/4" = 1'-0"

KEY NOTES:
APPLY THIS SHEET ONLY

1. PACKAGED THROUGH WALL UNIT. ROUTE CONDENSATE DOWN IN SIDE WALL. SEE 1/M4.03 FOR MORE INFORMATION.
2. CEILING EXHAUST FAN. FIELD VERIFY EXACT LOCATION AND COORDINATE WITH PLUMBING WASTE PIPES.
3. 4" EXHAUST DUCT EXTENDED TO ROOF IN WALL CAVITY. EXHAUST DUCT TO BE 30 GAUGE STEEL. PROVIDE WITH MANUFACTURER'S ROOF CAP.
4. ALL BATHROOM DOORS TO HAVE 3/4" UNDERCUTS.



5 M3.01 ENLARGED QUEEN ONE BEDROOM END
SCALE: 1/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

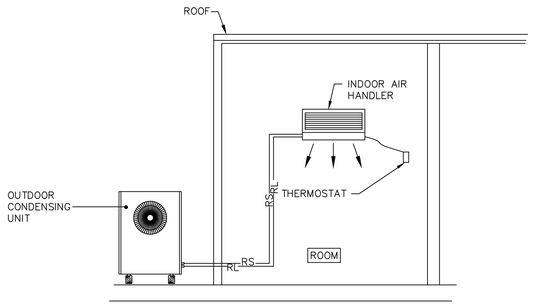
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL ENLARGED PLAN

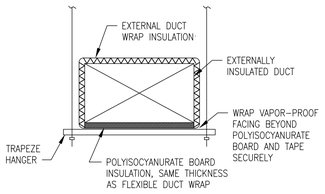
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
M2.05

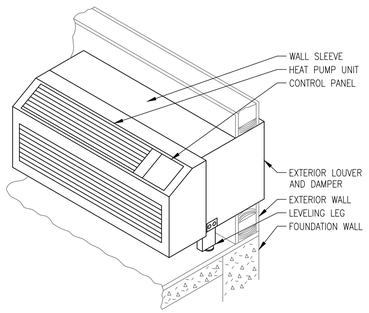


3 M4.01 DUCTLESS SPLIT-SYSTEM WITH AIR HANDLING UNIT DETAIL
SCALE : NOT TO SCALE

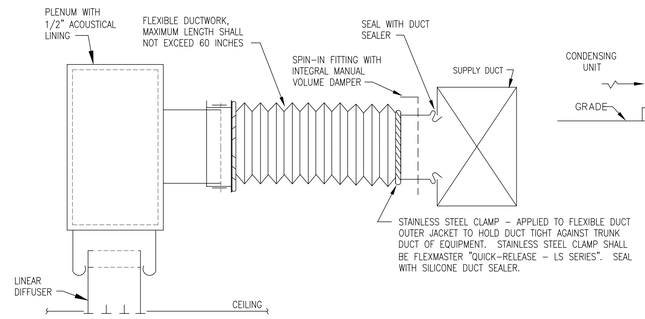
6 M4.01 DUCTLESS SPLIT-SYSTEM WITH AIR HANDLING UNIT DETAIL
SCALE: NOT TO SCALE



7 M4.01 DUCT INSULATION DETAIL
SCALE: NOT TO SCALE

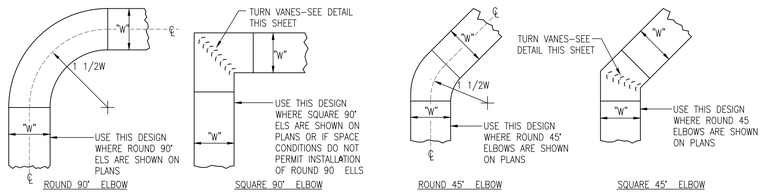


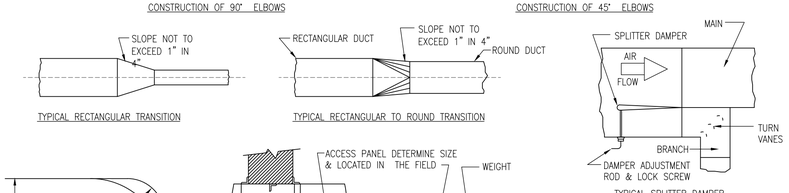
8 M4.01 PACKAGED THROUGH WALL TERMINAL HEAT PUMP DETAIL
SCALE: NOT TO SCALE

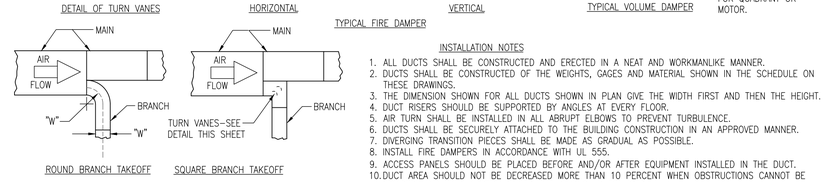


NOTES:
1. MANUAL DAMPER, AT TAKE-OFF, SHALL NOT BE INCLUDED AT TAKE-OFFS WHERE INSTALLED ABOVE INACCESSIBLE CEILINGS, UNLESS ARCHITECTURAL CEILING ACCESS PANEL IS PROVIDED. WHERE LOCATED ABOVE AN INACCESSIBLE CEILING, AND NO ACCESS PANEL IS PROVIDED, PROVIDE A CABLE OPERATED DAMPER, OPERABLE THROUGH FACE OF DEVICE.
2. INSTALL STAND-OFF BRACKET, AT EACH MANUAL DAMPER AT DUCTWORK TAKE-OFFS.
3. PROVIDE BUSHINGS AT DAMPER OPERATOR PENETRATION INTO AIRSTREAM FOR LEAKAGE CONTROL.
4. WHERE LOCATED LOCATED ABOVE ACCESSIBLE CEILINGS, NYLON TIE MAY BE SUBSTITUTED FOR STAINLESS STEEL CLAMP FOR SECUREMENT OF FLEXIBLE DUCTWORK TO RIGID DUCTWORK.

4 M4.01 LINEAR DIFFUSER CONNECTION
SCALE: NOT TO SCALE

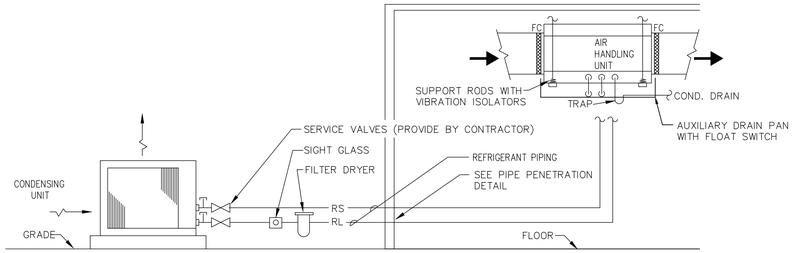




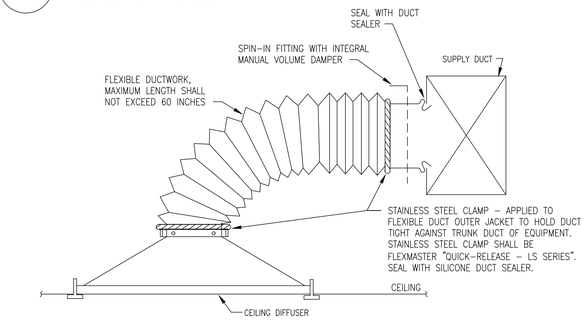


INSTALLATION NOTES
1. ALL DUCTS SHALL BE CONSTRUCTED AND ERECTED IN A NEAT AND WORKMANLIKE MANNER.
2. DUCTS SHALL BE CONSTRUCTED OF THE WEIGHTS, GAGES AND MATERIAL SHOWN IN THE SCHEDULE ON THESE DRAWINGS.
3. THE DIMENSION SHOWN FOR ALL DUCTS SHOWN IN PLAN GIVE THE WIDTH FIRST AND THEN THE HEIGHT.
4. DUCT RISERS SHOULD BE SUPPORTED BY ANGLES AT EVERY FLOOR.
5. AIR TURN SHALL BE INSTALLED IN ALL ABRUPT ELBOWS TO PREVENT TURBULENCE.
6. DUCTS SHALL BE SECURELY ATTACHED TO THE BUILDING CONSTRUCTION IN AN APPROVED MANNER.
7. DIVERGING TRANSITION PIECES SHALL BE MADE AS GRADUAL AS POSSIBLE.
8. INSTALL FIRE DAMPERS IN ACCORDANCE WITH UL 555.
9. ACCESS PANELS SHOULD BE PLACED BEFORE AND/OR AFTER EQUIPMENT INSTALLED IN THE DUCT.
10. DUCT AREA SHOULD NOT BE DECREASED MORE THAN 10 PERCENT WHEN OBSTRUCTIONS CANNOT BE AVOIDED, AND THEN A STREAMLINED FITTING SHOULD BE USED.
11. FLEXIBLE FABRIC CONNECTIONS (OR EQUAL) SHOULD BE USED ON BOTH INLETS AND OUTLETS OF ALL FANS AND AIR HANDLING UNITS.
12. JOINTS AND SEAMS OF SUPPLY DUCTS SHALL BE FASTENED SECURELY AND MADE AIR TIGHT.

5 M4.01 DETAIL OF THE LOW VELOCITY DUCT LAYOUT
SCALE: NOT TO SCALE

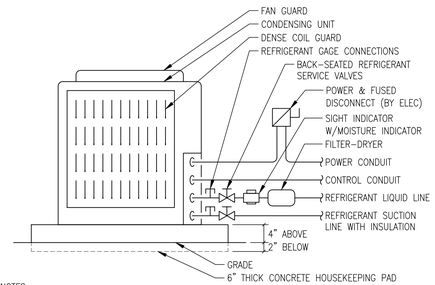


1 M4.01 HORIZONTAL AIR HANDLING UNIT AND GRADE MOUNTED CONDENSING UNIT
SCALE: NOT TO SCALE



NOTES:
1. MANUAL DAMPER, AT TAKE-OFF, SHALL NOT BE INCLUDED AT TAKE-OFFS WHERE INSTALLED ABOVE INACCESSIBLE CEILINGS, UNLESS ARCHITECTURAL CEILING ACCESS PANEL IS PROVIDED. WHERE TAKE-OFF IS LOCATED ABOVE INACCESSIBLE CEILING, AND NO ACCESS PANEL IS PROVIDED, PROVIDE OPPOSED BLADE DAMPER AT NECK OF DEVICE.
2. INSTALL STAND-OFF BRACKET, AT EACH MANUAL DAMPER AT DUCTWORK TAKE-OFFS.
3. PROVIDE BUSHINGS AT DAMPER OPERATOR PENETRATION INTO AIRSTREAM FOR LEAKAGE CONTROL.
4. AT TURNDOWN TO DIFFUSER, FLEXRIGHT FLEXIBLE DUCT ELBOW SHALL BE PROVIDED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR SECURING ELBOW TO FLEXIBLE DUCTWORK.

2 M4.01 TYPICAL DIFFUSER CONNECTION
SCALE: NOT TO SCALE



NOTES:
1. PROVIDE VALVES AND PIPING ACCESSORIES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.

3 M4.01 AIR-COOLED HEAT PUMP UNIT - CONCRETE PAD MOUNTED ON GRADE
SCALE: NOT TO SCALE

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP
GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

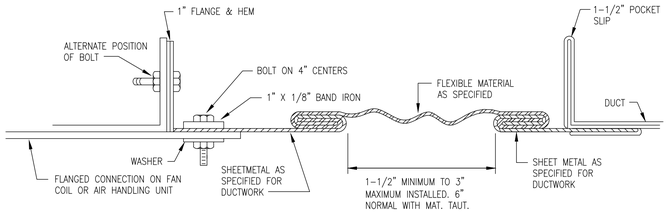
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

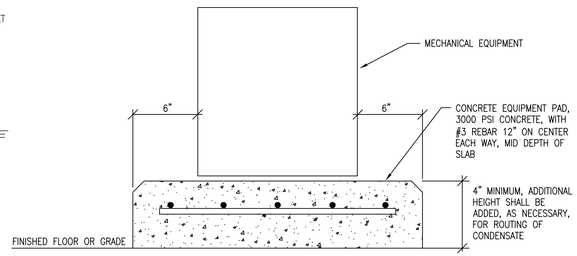
LAYOUT:
MECHANICAL DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

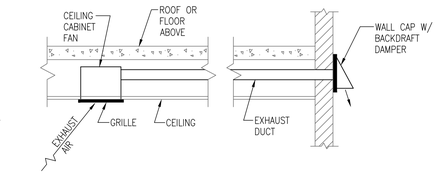
SHEET NUMBER:
M4.01



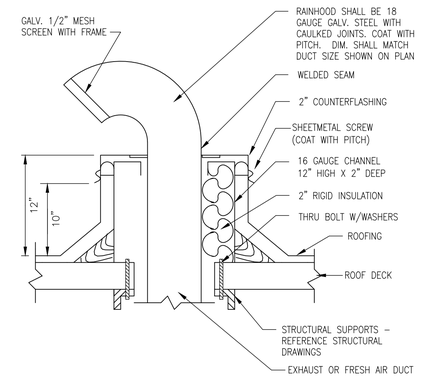
9 M4.02 RECTANGULAR FLEXIBLE CONNECTION
SCALE: NOT TO SCALE



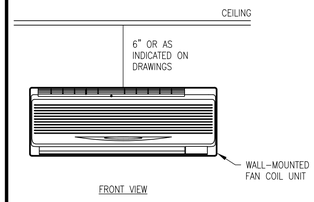
7 M4.02 CONDENSING UNIT PAD DETAIL
SCALE: NOT TO SCALE

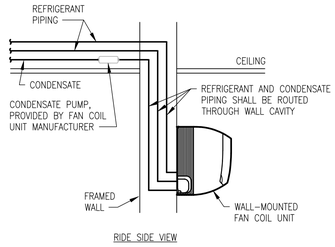


4 M4.02 BATHROOM EXHAUST FAN THROUGH SIDEWALL DETAIL
SCALE: NOT TO SCALE

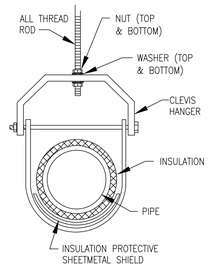


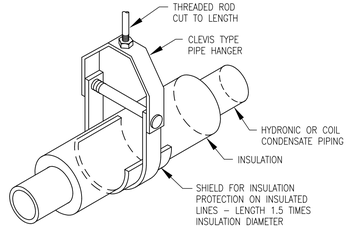
1 M4.02 ROOF JACK DETAIL
SCALE: NOT TO SCALE



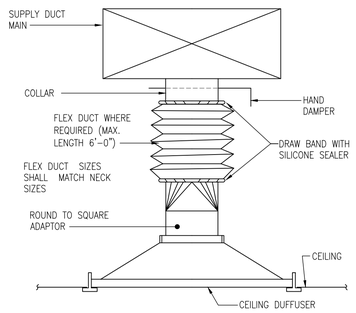


10 M4.02 WALL MOUNT FAN COIL UNIT DETAIL
SCALE: NOT TO SCALE

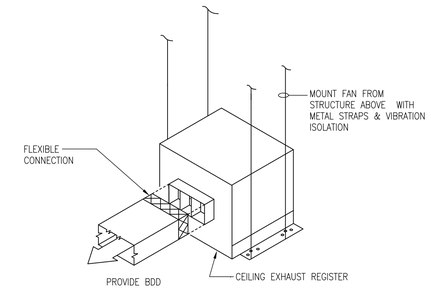




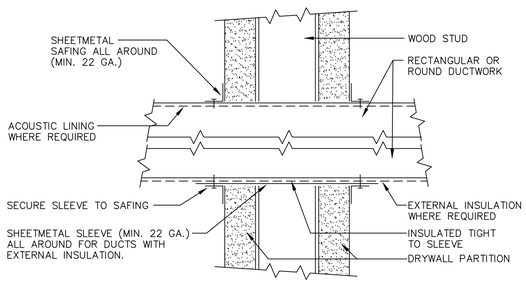
8 M4.02 TYPICAL CLEAVIS HANGER DETAIL
SCALE: NOT TO SCALE



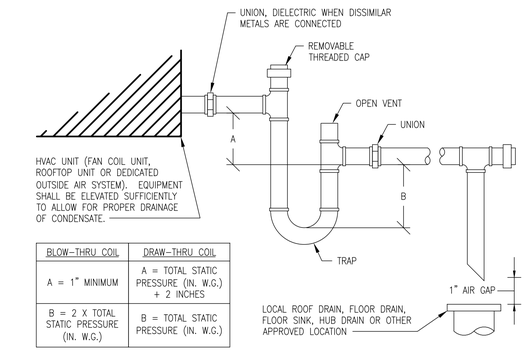
5 M4.02 TYPICAL DIFFUSER CONNECTION
SCALE: NOT TO SCALE



2 M4.02 CEILING EXHAUST FAN DETAIL
SCALE: NOT TO SCALE



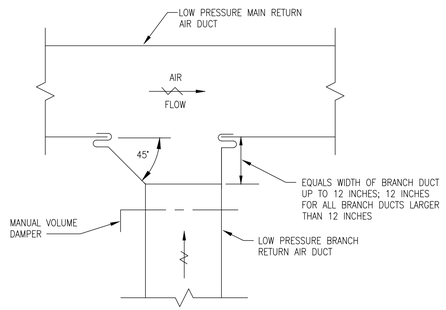
11 M4.02 DUCT PENETRATION THROUGH NON-FIRE RATED WALL
SCALE: NOT TO SCALE



BLOW-THRU COIL	DRAW-THRU COIL
A = 1" MINIMUM	A = TOTAL STATIC PRESSURE (IN. W.G.) + 2 INCHES
B = 2 X TOTAL STATIC PRESSURE (IN. W.G.)	B = TOTAL STATIC PRESSURE (IN. W.G.)

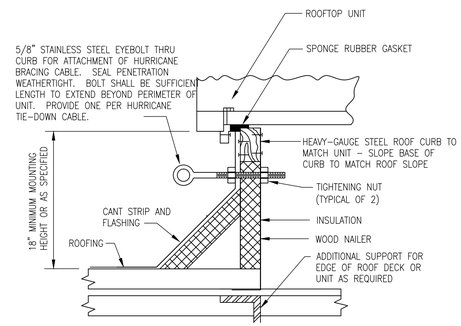
NOTES:
1. CONDENSATE DRAIN PIPING SHALL SLOPE DOWNWARD 1/8" PER FOOT, IN THE DIRECTION OF DISCHARGE.
2. CONDENSATE DRAIN PIPING SHALL BE SIZED AS SHOWN ON PLANS, OR FULL SIZE OF DRAIN, WHICHEVER IS LARGER.

9 M4.02 CONDENSATE DRAIN DETAIL
SCALE: NOT TO SCALE



NOTES:
1. MANUAL DAMPER, AT TAKE-OFF, SHALL NOT BE INCLUDED AT TAKE-OFFS WHERE INSTALLED ABOVE INACCESSIBLE CEILINGS, UNLESS ARCHITECTURAL CEILING ACCESS PANEL IS PROVIDED.
2. INSTALL STAND-OFF BRACKET, AT EACH MANUAL DAMPER AT DUCTWORK TAKE-OFFS.
3. PROVIDE BUSHINGS AT DAMPER OPERATOR PENETRATION INTO AIRSTREAM FOR LEAKAGE CONTROL.

6 M4.02 TYPICAL RETURN AIR BRANCH DUCT TAKE-OFF DETAIL
SCALE: NOT TO SCALE



3 M4.02 ROOF CURB DETAIL
SCALE: NOT TO SCALE

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

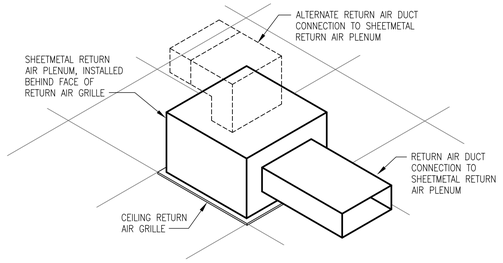
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

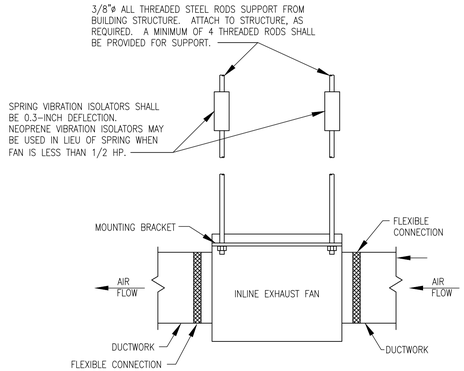
SHEET NUMBER:
M4.02



3
M4.03

TYPICAL CEILING AIR GRILLE DUCT CONNECTION DETAIL

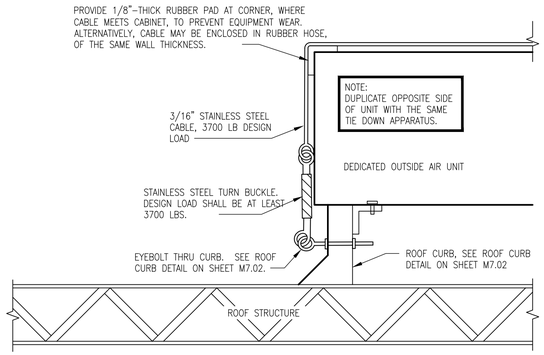
SCALE: NOT TO SCALE



4
M4.03

CENTRIFUGAL INLINE EXHAUST FAN DETAIL

SCALE: NOT TO SCALE

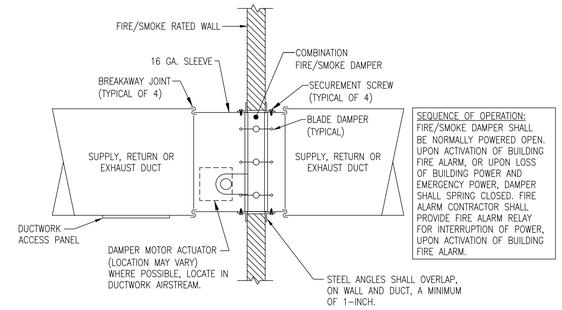


NOTES:
1. LOCATE TIE–DOWNS SO THAN THE UNIT ACCESS PANELS ARE NOT BLOCKED.
2. PACKAGED ROOFTOP HVAC UNITS SHALL HAVE A MINIMUM OF 2 TIE–DOWNS.
3. SAME TIE–DOWN METHOD MAY BE USED FOR OTHER MECHANICAL ROOFTOP EQUIPMENT, WHERE PRACTICAL.
4. ALTERNATE METHODS OF BRACING SHALL BE APPROVED BY ENGINEER.

5
M4.03

PACKAGED ROOFTOP UNIT HURRICAN TIE-DOWN DETAIL

SCALE: NOT TO SCALE



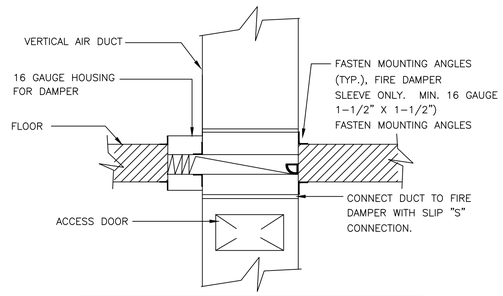
SEQUENCE OF OPERATION:
FIRE/SMOKE DAMPER SHALL BE NORMALLY POWERED OPEN. UPON ACTIVATION OF BUILDING FIRE ALARM, OR UPON LOSS OF BUILDING POWER AND EMERGENCY POWER, DAMPER SHALL SPRING CLOSED. FIRE ALARM CONTRACTOR SHALL PROVIDE FIRE ALARM RELAY FOR INTERRUPTION OF POWER, UPON ACTIVATION OF BUILDING FIRE ALARM.

NOTES:
1. PROVIDE MINIMUM CLEARANCE OF 1/4" BETWEEN RATED WALL AND COMBINATION FIRE/SMOKE DAMPER AND ASSOCIATED SLEEVE.
2. WHERE DAMPER ACTUATOR IS INSTALLED WITHIN AIRSTREAM, PROVIDE DUCTWORK ACCESS PANEL FOR MAINTENANCE AND ACCESS TO ACTUATOR. PANEL SHALL BE 10"x10", MINIMUM. IF DUCT IS LESS THAN 12" WIDE, ACCESS PANEL WIDTH SHALL BE 2 INCHES SMALLER THAN DUCT WIDTH. ACCESS PANEL SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS. WHERE LOCATED ABOVE INACCESSIBLE CEILING, PROVIDE 24x24 CEILING ACCESS PANEL BELOW DUCTWORK ACCESS PANEL.
3. COMBINATION FIRE/SMOKE DAMPER SHEETMETAL SLEEVE GAUGE SHALL NOT BE THINNER THAN THE CONNECTING DUCTWORK.
4. A BREAKAWAY CONNECTION SHALL BE PROVIDED, FOR DAMPER SLEEVE, AS LISTED IN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. DAMPER SHALL BE CLASS II LEAKAGE RATED, 250°F ACTUATOR RATING, POWERED OPENED, SPRING RETURN CLOSED.
6. DAMPER SHALL BE TRIPLE V–GROOVE CONSTRUCTION (FLAT STEEL REINFORCED).
7. FACTORY–INSTALLED ACTUATOR. FIELD INSTALLATION OF ACTUATOR IS NOT ACCEPTABLE.
8. FOLLOW MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR THE NEED TO PROVIDE ANGLES OR FLANGES.
9. DAMPER SHALL HAVE AN ELECTRIC RESETTABLE LINK HEAT RESPONSIVE DEVICE, CONTROLLED CLOSURE AT 250°F.
10. DAMPER SHALL BE NAILOR 1221 EQUAL PRODUCTS BY RUSKIN OR GREENHECK ARE ACCEPTABLE.
11. THE DAMPER SHALL BE CAPABLE OF RESETTING AFTER CLOSURE.

1
M4.03

COMBINATION FIRE AND SMOKE DAMPER

SCALE: NOT TO SCALE



NOTES:
1. DAMPER ASSEMBLY INSTALLED IN AND FASTENED TO THE SLEEVE.
2. MAINTAIN FULL DUCT SIZE. DAMPER HOUSING SHALL NOT OBSTRUCT AIR FLOW, (TYPE "B").
3. MOUNTING SHOWN IS VERTICAL INSTALLATION, HORIZONTAL INSTALLATION IS SIMILIAR.

2
M4.03

HORIZONTAL FIRE DAMPER INSTALLATION

SCALE: NOT TO SCALE

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

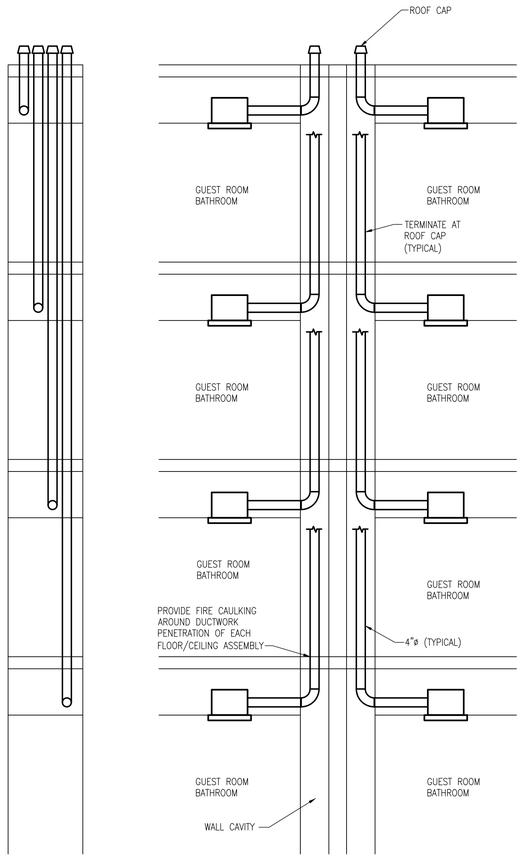
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

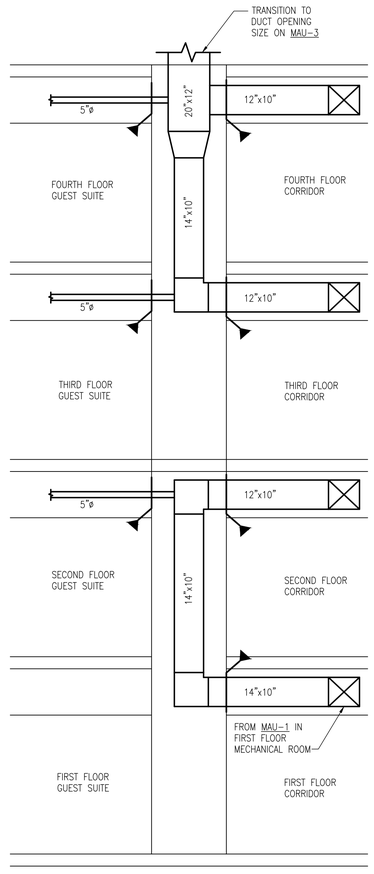
LAYOUT:
MECHANICAL DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

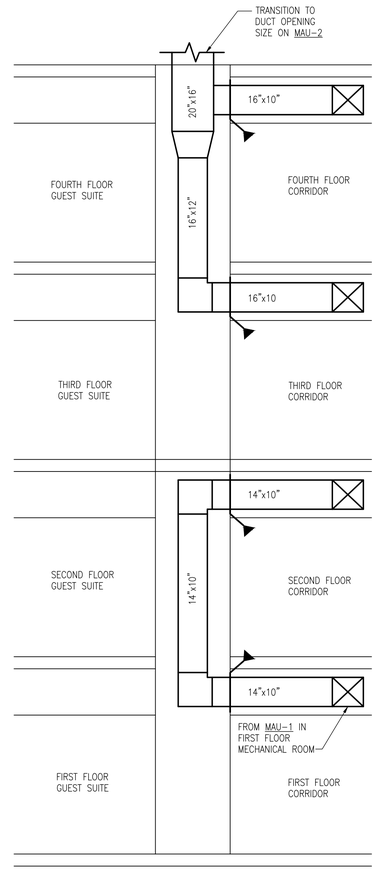
SHEET NUMBER:
M4.03



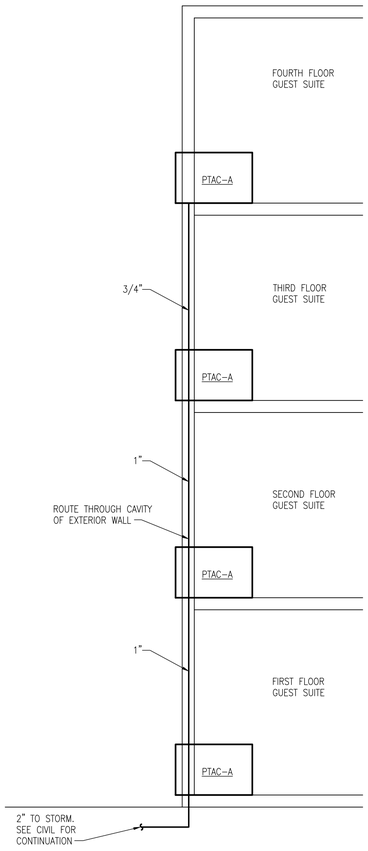
4 M4.04 EXHAUST RISER
SCALE: NOT TO SCALE



3 M4.04 OUTSIDE AIR RISER
SCALE: NOT TO SCALE



2 M4.04 OUTSIDE AIR RISER
SCALE: NOT TO SCALE



1 M4.04 CONDENSATE RISER (PTAC)
SCALE: NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
MECHANICAL RISERS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
M4.04

GENERAL ELECTRICAL NOTES:

1. ALL WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES AND 2017 NATIONAL ELECTRICAL CODE.
2. THE ELECTRICAL WORK SHALL CONSIST OF ALL LABOR AND MATERIAL TO COMPLETELY INSTALL ALL ELECTRICAL WORKS AS SHOWN ON THESE DRAWINGS.
3. COORDINATE LOCATION OF LIGHT FIXTURES IN AREAS OF MECHANICAL DUCTWORK AND PIPING WITH MECHANICAL CONTRACTOR. RELOCATE LIGHT FIXTURES, WIRING AND CONDUIT IF NECESSARY AS DIRECTED BY THE ARCHITECT/ENGINEER.
4. ALL WORK ASSOCIATED WITH THE SCOPE OF THIS PROJECT INCLUDING EQUIPMENT, ACCESSORIES, DEVICES, SYSTEMS, ETC. SHALL BE COVERED BY A ONE YEAR GUARANTEE WHICH SHALL START AT THE TIME OF FINAL ACCEPTANCE BY THE OWNER. ANY DEFECTS IN PRODUCTS, INSTALLATION, WORKMANSHIP SHALL BE CORRECTED AT NO ADDITIONAL CHARGE AND SHALL INCLUDE ANY NECESSARY REPAIRS TO WALLS, FLOORS, MILLWORK, ETC. WHICH SHALL BE REPAIRED BACK TO NEW AND FINISHED CONDITION.
5. THE CONTRACTOR SHALL KEEP A RECORD OF THE CHANGES WHICH ARE IN CONFLICT WITH THESE DRAWINGS AND SPECIFICATIONS. AT THE COMPLETION OF THIS WORK THE CONTRACTOR SHALL SUBMIT "AS BUILT" PRINTS TO THE OWNER.
6. THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW THE EXACT ROUTING OR DETAILED FITTINGS. ALL WORK SHALL BE INSTALLED AS A COMPLETE SYSTEM WITH NECESSARY COMPONENTS, FITTINGS, STRAPS, ETC. ALL JUNCTION BOXES AND COMPONENTS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE.
7. REFER TO THE ENTIRE CONTRACTED DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF DUCTWORK, PIPING AND STRUCTURAL MEMBERS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANOTHER DISCIPLINES WORK.
8. PROVIDE PROPER DIMENSIONS NOT SHOWN PRIOR TO EQUIPMENT FABRICATION. ALL COST FOR MODIFICATIONS OF NEW CONSTRUCTION DUE TO LACK OF CONFIRMATION OF DIMENSIONS BY FIELD MEASUREMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
9. ALL CONDUIT MUST BE CONCEALED ABOVE THE CEILING OR IN THE WALLS UNLESS OTHERWISE NOTED.
10. COORDINATE RECEPTACLE NEMA TYPE AND VOLTAGE WITH ALL EQUIPMENT.
11. THE CONTRACTOR SHALL INSTALL ALL WORK IN A NEAT AND WORKMANLIKE MANNER AND ACCORDING TO GENERALLY ACCEPTED PRACTICES OF FIRST CLASS WORKMANSHIP.
12. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC...)
13. PROVIDE A NEW TYPED DIRECTORY FOR ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVICED FOR ALL CIRCUITS. CORRECTLY LABEL ALL CIRCUITS, SPACES AND SPARES. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES, WHITE LETTERS ON BLACK BACKGROUND.
14. ALL RECESSED LIGHTING FIXTURES SHALL BE FASTENED TO STRUCTURE OR GRID PER N.E.C. 410.
15. ANY CONDUIT, BUSWAY, CABLE TRAY, SLEEVES, ETC. THAT PENETRATE RATED WALLS, CEILINGS AND FLOORS SHALL BE FIRE STOPPED PER CODE.
16. MOUNTING HEIGHTS FOR DEVICES ARE TO BE MEASURED TO THE DEVICE CENTERLINE.
17. ALL BRANCH CIRCUITS SHALL BE WIRED 2–#12, 1–#12G MINIMUM, UNLESS OTHERWISE NOTED ON THE PLANS. ALL HOMERUNS SHALL BE A MINIMUM 3/4" CONDUIT.
18. PROVIDE A SEPARATE GREEN, INSULATED, #12AWG EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE BRANCH CIRCUIT HOMERUN CONDUCTORS. PROVIDE GROUND THROUGH ENTIRE CONDUIT RUN TO THE LAST DEVICE. ALL EQUIPMENT SHALL BE GROUNDED AT THE PANEL WHICH FEEDS THE EQUIPMENT. PROVIDE GROUNDING PER NEC 250.
19. ALL SWITCHES FOR LIGHTS, FANS, ETC., WHICH ARE SHOWN TO BE MOUNTED IN THE SAME GENERAL AREA, SHALL SHARE A MULTI–GANG COVER PLATE AS REQUIRED.
20. ARMORED CABLE MAY BE USED IN WALLS AND MILLWORK ONLY AND MUST BE MC TYPE (WITH GROUND). ALL CONDUIT TO AND ABOVE THE PLENUM SHALL BE EMT. ALL HOMERUNS SHALL BE IN CONDUIT RUN FROM THE FIRST DEVICE OR LIGHT FIXTURE TO THE PANEL. ALL WIRING SHALL BE INSTALLED IN GALVANIZED RIGID CONDUIT, INTERMEDIATE METAL CONDUIT, OR EMT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN MASONRY WALLS. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB. TYPE MC AND AC CABLE MAY BE USED WHERE PERMISSIBLE BY NEC. TYPE NM CABLE MAY BE USED IN TYPE III, IV, V CONSTRUCTION AS ALLOWED BY THE NEC.
21. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS, LIGHT FIXTURES, AND PARTITIONS. FINISHES FOR DEVICES AND COVERPLATES SHALL BE AS SELECTED BY ARCHITECT.
22. PROVIDE A 2–GANG OUTLET BOX AND 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING FOR ALL NEW DATA, TELEPHONE AND CABLE OUTLETS. COORDINATE PLASTER RING SIZE WITH TENANT AND CABLE VENDOR.
23. ROUTE (1) 1" CONDUIT WITH PULL STRING FROM EACH FLOOR COMMUNICATION OUTLET TO NEAREST FULL HEIGHT WALL AND STUB–UP TO NEAREST ACCESSIBLE CEILING. COORDINATE WITH CABLE VENDOR.
24. LIGHT FIXTURES SHALL BE AS SCHEDULED, WITH ONLY PRE–APPROVED EQUAL FIXTURES ACCEPTABLE.
25. FLUORESCENT LAMPS SHALL BE RAPID START, 32W, OR LOW MERCURY CONTENT, AND OF NOT LESS THAN 2900 LUMEN OUTPUT UNLESS OTHERWISE NOTED ON LIGHT FIXTURE SCHEDULE.
26. FLUORESCENT BALLASTS SHALL BE ELECTRONIC OR 10% LESS THD AND MANUFACTURED AS LISTED ON THE LIGHT FIXTURE SCHEDULE.
27. ALL CONDUCTORS SHALL BE COPPER. CONDUCTORS FOR SIZES NO. 10 AND SMALLER SHALL BE TYPE "THWN" OR "THHN/THWN". CONDUCTORS FOR SIZES NO. 8 AND LARGER SHALL BE TYPE "XHHW". SOLID CONDUCTORS TERMINATING IN A BREAKER OR DEVICE SHALL BE WIRE SIZE NO. 12 AWG, MINIMUM AND WIRE SIZE SHALL BE NO. 10 AWG MAXIMUM. WIRE SIZES NO. 8 AWG AND LARGER ARE TO STRANDED.
28. ALL BOXES SHALL BE PRESSED STEEL, SINGLE PIECE (NON–GANGABLE) TYPE.
29. ALL COVER PLATE AND DEVICE FINISHES SHALL BE SELECTED BY ARCHITECT.
30. ALL COVER PLATES FOR DEVICES AND JUNCTION BOXES SHALL HAVE CIRCUIT NUMBERS LABELED WITH INDELIBLE INK MARKER. DEVICE COVERS SHALL BE LABELED ON THE BACK, JUNCTION BOX COVERS SHALL BE LABELED ON THE FRONT.
31. RECEPTACLES SHALL BE 120 VOLT, 20A, WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, P&S, OR LEVITON. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.

SINGLE RECEPTACLE	#HBL5361X
DUPLEX RECEPTACLE	#HBL5352X
GFCI RECEPTACLE	#GF5352X

32. SWITCHES SHALL BE 120/277V. 20A, WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, P&S, OR EAGLE. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.

SINGLE POLE	#HBL1221
THREE WAY	#HBL1223
FOUR WAY	#HBL1224

(ADD "L" SUFFIX FOR KEYED LOCKING TYPE)

33. PANELBOARDS, MOTOR STARTERS, SAFETY SWITCHES (HEAVY DUTY), ETC. SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SQUARE D, SIEMENS, OR CUTLER HAMMER. ALL BREAKERS SHALL BE "BOLT–ON" TYPE.
34. FOR EQUIPMENT THAT IS TO BE WIRED BY ELECTRICAL CONTRACTOR AND FURNISHED BY OTHERS. ELECTRICAL CONTRACTOR SHALL REVIEW ALL SPECIFICATION SECTIONS, EQUIPMENT SCHEDULES, OR/OR DETAILS THROUGHOUT DOCUMENTS THAT PERTAIN TO THIS EQUIPMENT AND INCLUDE ALL WIRING AND DEVICES REFERENCED IN THEIR BIDS. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THIS EQUIPMENT WITH RESPECTIVE CONTRACTOR PRIOR TO ROUGH–IN.
35. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A GYPBOARD BOX AROUND ANY RECESSED FIXTURE THAT PENETRATES THE MEMBRANE OF A RATED ASSEMBLY IN ORDER TO MAINTAIN THE RATING.
36. PROVIDE A PULLSTRING IN ALL EMPTY CONDUITS.
37. ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA).
38. ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
39. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
40. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
41. FUSES 0–600 AMPS SHALL BE UL CLASS "RK–1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSSMAN, UNLESS OTHERWISE NOTED.
42. ALL TERMINALS/LUGS SHALL BE 75° RATED. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIALS (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
43. VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANY PRIOR TO PROJECT START–UP. NOTIFY ENGINEER OF ANY CHANGES AS MAY BE REQUIRED.
44. PENETRATIONS OF REQUIRED SMOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SMOKE STOPPING IS ACCOMPLISHED.
45. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE–RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED U.L. OR EQUIVALENT ASSEMBLIES.
46. IN REQUIRED FIRE RATED WALL AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY UL. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE INTEGRITY OF THE UL RATING IS MAINTAINED.
47. COORDINATE WITH THE CABLE TV AND TELEPHONE UTILITIES AS REQUIRED FOR SERVICE ENTRANCE REQUIREMENTS. INSTALLATION MUST COMPLY WITH THEIR RESPECTIVE REGULATIONS AND REQUIREMENTS.
48. ALL EXTERIOR FIXTURES AND DEVICES SHALL BE RATED FOR OPERATION AT 0° F AND SHALL BE DAMP OR WET LISTED AS REQUIRED.
49. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. IN ACCORDANCE WITH LOCAL SEISMIC CODE REQUIREMENTS. PROVIDE SEISMIC RESTRAINTS, ACCESSORIES AND INSTALLATION DETAIL DETAIL AS REQUIRED.
50. VERIFY THAT ALL CONDUIT PENETRATIONS OF THE WALK–IN REFRIGERATOR AND FREEZER ARE SEALED PER 300.7(A).
51. WHERE A HOME RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN, THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS: A MAXIMUM OF THREE 20A BRANCH CIRCUITS MAY BE COMBINED IN A COMMON HOMERUN SHARING A COMMON NEUTRAL OR WITH SEPARATE NEUTRALS FOR A MAXIMUM TOTAL OF SIX CURRENT CARRYING CONDUCTORS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL.

POOL NOTES:

1. ALL ELECTRICAL EQUIPMENT IN POOL AREA SHALL BE BONDED TOGETHER WITH #8 CU. GROUND PER NEC 680.26. SEE DETAIL 6/E601.
2. ALL RECEPTACLES IN POOL AREA WITHIN 10' OF POOL AND IN POOL EQUIPMENT ROOM SHALL BE WEATHERPROOF G.F.CI. TYPE.
3. ELECTRICAL INSTALLATION IS TO BE IN COMPLIANCE WITH ARTICLE 680 OF THE 2017 NATIONAL ELECTRIC CODE.
4. THE FOLLOWING ITEMS ARE REQUIRED TO BE BONDED WITH INSULATED #8 COPPER CONDUCTORS, OR AS OTHERWISE REQUIRED BY THE 2011 NEC OR EQUIPMENT MANUFACTURERS:
   A. ALL METALLIC PARTS OF THE POOL STRUCTURE, INCLUDING REINFORCING STEEL, IN ALL CONCRETE SLABS.
   B. UNDERWATER LIGHT FIXTURES, INCLUDING FORMING SHELLS, MOUNTING BRACKETS AND JUNCTION BOXES AS REQUIRED.
   C. HANDRAILS
   D. LADDERS.
   E. PUMP MOTORS, FOR ALL POOLS AND THE SLIDE.
   F. WINDOW FRAMES, WHERE NOTED.
   G. LIGHT FIXTURES ABOVE THE POOL OR SPA AND WITHIN 5 FEET HORIZONTALLY OF THE POOL OR SPA HALLS.
   H. ALL METAL PARTS ASSOCIATED WITH THE SLIDE AND THE SPRAY AREA.
   I. ANY OTHER METALLIC PARTS REQUIRED BY THE 2011 NEC.
5. THE FOLLOWING ITEMS ARE REQUIRED TO BE GROUNDED WITH INSULATED #12 COPPER CONDUCTOR MINIMUM, OR AS OTHERWISE REQUIRED BY THE 2011 NEC OR EQUIPMENT MANUFACTURERS:
   A. UNDERWATER LIGHTING FIXTURES.
   B. ALL ELECTRIC EQUIPMENT WITHIN 5' OF THE POOL OR SPA.
   C. ALL ELECTRIC EQUIPMENT ASSOCIATED WITH THE CIRCULATION SYSTEM OF THE POOL OR SPA.
   D. JUNCTION BOXES.
   E. TRANSFORMER ENCLOSURES.
   F. PANELBOARDS SUPPLYING POWER TO ANY EQUIPMENT ASSOCIATED WITH THE POOL OR SPA.
   G. GROUND FAULT CIRCUIT INTERRUPT CIRCUITS.
6. GROUNDING FOR POOL AND SPA LIGHTS AND FOR PUMP MOTORS IS TO BE IN CONDUIT.
7. ALL UNDERWATER LIGHT FIXTURES MUST BE SUBMERGED BEFORE BEING OPERATED.
8. UNDERWATER LIGHT FIXTURES MUST BE REMOVABLE FROM THE WATER FOR RELAMPING OR NORMAL MAINTENANCE WITHOUT REQUIRING DRAINAGE OF THE POOL.
9. NICE LIGHT FIXTURES SHALL BE SUPPLIED WITH CORDS WHICH ARE 50' LONG, EXCEPT AS NOTED. CONDUIT RUNS FROM EACH NICHE TO THE APPROPRIATE CONNECTION POINT (DECK BOX, SUBMERSIBLE JUNCTION BOX, ETC.) MUST BE AS DIRECT AS POSSIBLE AND A TOTAL LENGTH SHORTER THAN THE CORD WHEN PROPERLY INSTALLED. TO PROPERLY INSTALL FIXTURE AND CORD, LEAVE ENOUGH CORD IN THE NICHE SO THAT WHEN SERVICING IS REQUIRED THE FIXTURE CAN BE LIFTED ABOVE WATER LEVEL WITHOUT DRAINING THE POOL (WRAP EXTRA CORD LENGTH AROUND THE FIXTURE WHEN PLACING IN NICHE).
10. WHEN RESEALING A FIXTURE (SUCH AS RELAMPING, ETC.) CARE MUST BE TAKEN TO TIGHTEN THE SCREWS OR BOLTS IN SUCH A FASHION AS TO CREATE EQUAL PRESSURE ON THE GASKET ALL THE WAY AROUND THE FIXTURE.
11. ALL THREADED CONNECTIONS MUST BE MADE WITH NATIONAL TAPERED PIPE THREADS (N.P.T.) AND APPROVED THREAD SEALANT.
12. AN APPROVED POTTING COMPOUND (LOW MELTING PARAFFIN OR RTV SILASTIC) MUST BE USED TO FILL THE ENTRY OF THE JUNCTION BOX TO PREVENT MOISTURE MIGRATION INTO THE CONDUIT. AFTER POTTING THE JUNCTION BOX, ATTACH THE COVER PLATE SO THAT IT IS WATERTIGHT.
13. ALL METALLIC PIPING SYSTEMS ASSOCIATED WITH THE POOL MUST BE BONDED TO THE EQUIPMENT GROUNDING CONDUCTOR OF THE BRANCH CIRCUIT SUPPLYING THE POOL.
14. UNDERWATER TYPE SO AND TYPE ST CORD CANNOT BE SPLICED EXCEPT IN AN APPROVED UNDERWATER JUNCTION BOX OR UL LISTED UNDERWATER SPLICE KIT.
15. MAXIMUM EXPOSED CORD LENGTH IS 10 FEET. ANY LENGTH BEYOND 10 FEET MUST BE PROTECTED BY CONDUIT.
16. THE CONDUIT SYSTEM MUST BE WATERTIGHT FROM THE PANEL TO THE POOL.
17. ALL CONDUITS EXPOSED TO MOISTURE (BELOW GROUND, IN THE POOL, ETC.) MUST BE OF A NON–CORROSIBLE MATERIAL.

ELECTRICAL SYMBOLS LEGEND

LIGHT CONTROLS:	DESCRIPTION:
S^a	WALL LIGHT SWITCH, TOGGLE, 20 AMP, 48" AFF UNO. 277V, "a" CORRESPONDS TO FIXTURES CONTROLLED BY SWITCH.
3^S	WALL LIGHT SWITCH, TOGGLE, 20 AMP, 48" AFF UNO. 277V, "a" CORRESPONDS TO FIXTURES CONTROLLED BY SWITCH. "3" CORRESPONDS TO 3–WAY OR 4–WAY.
a^{OS}	LINE OR LOW VOLTAGE WALL OCCUPANCY SENSOR SWITCH WITH ON/OFF CONTROL, DUAL TECHNOLOGY, SINGLE OR 3 WAY, 48" AFF UNO. "a" CORRESPONDS TO SWITCH WITH ON/OFF/RAISE/LOWER CONTROL.
3^{a}	LINE OR LOW VOLTAGE WALL DIMMER SWITCH, 48" AFF UNO. "a" CORRESPONDS TO FIXTURES CONTROLLED BY SWITCH. "3" CORRESPONDS TO 3–WAY OR 4–WAY.
OS / (OS)	WALL/CEILING–MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY. WHERE WALL MOUNTED, WALL MOUNT AT 6" BELOW CEILING SURFACE, UNO.
PC / (PC)	WALL/CEILING–MOUNTED PHOTOELECTRIC CONTROL SENSOR. WHERE WALL MOUNTED, WALL MOUNT AS NOTED ON THE DRAWINGS.

COMMUNICATIONS:	DESCRIPTION:
T / T	ABOVE COUNTER / WALL MOUNTED, COMBINATION VOICE/DATA OUTLET, 8" ACT / WM 18"AFF, PROVIDE 1" CONDUIT WITH PULLWIRE TO ABOVE ACCESSIBLE CEILING OR TO TELEPHONE TERMINAL BACKBOARD.
T / T	ABOVE COUNTER / WALL MOUNTED, TELEPHONE OUTLET, 8" ACT / WM 18"AFF, PROVIDE 1" CONDUIT WITH PULLWIRE TO ABOVE ACCESSIBLE CEILING OR TO TELEPHONE TERMINAL BACKBOARD.
T / T	ABOVE COUNTER / WALL MOUNTED, TELEPHONE OUTLET, 8" ACT / WM 18"AFF, PROVIDE 1" CONDUIT WITH PULLWIRE TO ABOVE ACCESSIBLE CEILING OR TO TELEPHONE TERMINAL BACKBOARD.
T	VOICE/DATA, IN FLUSH FLOOR BOX, PROVIDE 1" CONDUIT MINIMUM UNO IN SLAB OR UNDERSLAB TO NEAREST POINT OF ACCESS, AS SHOWN ON DRAWINGS.
T P	COMBINATION POWER, VOICE, DATA, IN FLUSH FLOOR BOX, PROVIDE 1" CONDUIT MINIMUM UNO FOR VOICE AND DATA. PROVIDE 3/4" CONDUIT MINIMUM UNO FOR POWER. ROUTE CONDUITS IN SLAB OR UNDERSLAB TO NEAREST POINT OF ACCESS. "P" INDICATES POKE–THROUGH TYPE BOX.
TTB	TELEPHONE/COMMUNICATIONS TERMINAL BACK BOARD (TTB). 4' X 8' X 3/4" FIRE RATED PLYWOOD.
GB	COMMUNICATIONS GROUNDING BAR (GB).
EZ	3" X 3" FIRE RATED COMMUNICATION PASS–THROUGH PATHWAY.
	COMMUNICATIONS CABLE/LADDER TRAY. SIZE AS INDICATED ON THE DRAWINGS.
WA	CEILING MOUNTED WIRELESS ACCESS POINT.

MODIFIERS:	DESCRIPTION:
WP	INDICATES DEVICE TO BE EQUIPPED WITH WEATHERPROOF ENCLOSURE.
BP	INDICATES DEVICE TO BE EQUIPPED WITH BATTERY BACK–UP.
LS	INDICATES DEVICE TO BE CONNECTED TO FACILITIES LIFE SAFETY ELECTRICAL BRANCH SYSTEM.
EM	INDICATES DEVICE TO BE CONNECTED TO FACILITIES EMERGENCY ELECTRICAL SYSTEM.

SPECIAL SYSTEMS:	DESCRIPTION:
PA	PUBLIC ADDRESS MAIN TERMINAL CABINET – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT.
SP / (SP)	WALL / CEILING MOUNTED PUBLIC ADDRESS SPEAKER ASSEMBLY – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. PROVIDE BACK–BOX AT LOCATIONS AS INDICATED ON DRAWINGS AND ROUTE CABLING TO HEAD–END EQUIPMENT AS INDICATED.
PA	PUBLIC ADDRESS MAIN TERMINAL CABINET – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT.
VC	PUBLIC ADDRESS VOLUME CONTROL – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. MOUNT AT +48" AFF.
CB	TWO–WAY COMM. SYSTEM CALL BOX – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT.
BS	TWO–WAY COMMUNICATION SYSTEM BASE STATION – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT.
AC	ACCESS CONTROL MAIN TERMINAL CABINET – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT.
CR	ACCESS CONTROL CARD READER – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. MOUNT AT +48" AFF.
ES	ACCESS CONTROL ELECTRIC STRIKE – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. DOOR JAMB MOUNTED.
ML	ACCESS CONTROL MAGNETIC LOCK – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. DOOR MOUNTED.
DR	ACCESS CONTROL DOOR CONTROLLER – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT.
AD	ACCESS CONTROL AUTOMATIC DOOR PUSH BUTTON – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. MOUNT AT +48" AFF.
TV	TV OUTLET WITH ONE (1) COAX F TYPE CONNECTOR AND CAT6. PROVIDE 4" SQUARE BOX . PROVIDE 3/4" C WITH ONE RG11 CABLE FROM OUTLET TO NEAREST CATV BACKBOARD. MOUNT 18" AFF UNO.
DH	DOOR HOLDER – COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONSULTANT. DOOR JAMB MOUNTED.

POWER:	DESCRIPTION:
	CIRCUIT HOMERUN, ARROWS DENOTE NUMBER OF CIRCUITS
	CONDUIT CONCEALED IN CEILING, CAVITY OR WALL
	CONDUIT CONCEALED IN FLOOR, SLAB, OR UNDERGROUND
	ELECTRICAL CABINET, TYPE AS NOTED ON THE DRAWINGS.
	SURFACE MOUNTED PANEL BOARD
	FLUSH/RECESSED MOUNTED PANEL BOARD
	DUPLEX RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, WALL MOUNTED 18"AFF / 44" AFF OR 8" ABOVE COUNTER, UNO.
	SIMPLEX RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, WALL MOUNTED 18"AFF / 44" AFF OR 8" ABOVE COUNTER, UNO.
	DUPLEX RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, CEILING MOUNTED, UNO.
	SWITCH CONTROLLED DUPLEX RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, WALL MOUNTED 18"AFF / 44" AFF OR 8" ABOVE COUNTER, UNO.
	QUAD RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, WALL MOUNTED 18"AFF / 44" AFF OR 8" ABOVE COUNTER, UNO.
	GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, WALL MOUNTED 18"AFF / 44" AFF OR 8" ABOVE COUNTER, UNO.
	DUPLEX RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE, GROUNDING, FLOOR MOUNTED, UNO.
	SPECIAL PURPOSE RECEPTACLE, WALL MOUNTED, UNO. NEMA CONFIGURATION AS NOTED ON THE THE DRAWINGS.
J / J / J	JUNCTION/PULL BOX, WALL/CEILING/FLOOR MOUNTED, UNO. PROVIDE SIZE AS REQUIRED PER NEC REQUIREMENTS.
3 / NF	FUSIBLE DISCONNECT SWITCH, PROVIDE FUSES AS INDICATED OR RECOMMENDED BY EQUIPMENT MANUFACTURER. "NF" INDICATES NON–FUSED DISCONNECT. "30/15" INDICATES "DISCONNECT SIZE/FUSE SIZE".
3	COMBINATION FVNR STARTER WITH HAND/OFF/AUTO CONTROL, AUXILIARY CONTACTS FOR FIRE ALARM CONNECTIONS. "3" INDICATES STARTER SIZE.
VD	COMBINATION VARIABLE FREQUENCY DRIVE (VFD)/ DISCONNECT SWITCH.
MD	MOTORIZED DAMPER. PROVIDE LOCAL DISCONNECTING MEANS PER NFPA 70 REQUIREMENTS.
M / F	SINGLE–PHASE MOTOR. "M" INDICATES MOTOR HORSEPOWER OR AS NOTED. "F" INDICATES FRACTIONAL HORSEPOWER.
M / F	THREE–PHASE MOTOR. "M" INDICATES MOTOR HORSEPOWER OR AS NOTED. "F" INDICATES FRACTIONAL HORSEPOWER.
PB	THREE BUTTON OVERHEAD DOOR CONTROL. WALL MOUNTED AT 48" AFF.
PD	DUAL CHANNEL POWER/COMMUNICATIONS SERVICE POLE.
S^m	MOTOR RATED DISCONNECT SWITCH WITH AUXILIARY CONTACT, TOGGLE, 20A, 277V.
S^S	SAFETY SWITCH, DOUBLE POLE SINGLE THROW (DPST), 20A, 277V.

LIGHTING:	DESCRIPTION:
A	1'X4' RECESSED LIGHTING FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A	1'X4' SURFACE MOUNTED WRAPAROUND LIGHTING FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A	1'X4' WALL MOUNTED WRAPAROUND LIGHTING FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A	INDUSTRIAL STRIP LIGHTING FIXTURE, SURFACE OR STRIP SUSPENDED. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
	2'X4', 2'X2' RECESSED MOUNTED LIGHTING FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A A	2'X4', 2'X2' SURFACE MOUNTED LIGHTING FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A / A	SURFACE / RECESSED LIGHT FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A / A	SURFACE / RECESSED WALL WASH LIGHT FIXTURE. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
A	WALL MOUNTED LIGHT FIXTURE COORDINATE MOUNTING HEIGHT WITH ARCHITECT. "A" INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
	EXIT SIGN, CEILING/WALL MOUNTED ARROWS AS REQUIRED. (PROVIDE UNSWITCHED HOT WIRE) SEE "X" IN LIGHT FIXTURE SCHEDULE.
	COMBINATION EXIT SIGN AND EMERGENCY LIGHT, CEILING/WALL MOUNTED ARROWS AS REQUIRED. (PROVIDE UNSWITCHED HOT WIRE) SEE "CX" IN LIGHT FIXTURE SCHEDULE.
	BATTERY POWER EMERGENCY LIGHT (PROVIDE UNSWITCHED HOT WIRE) SEE "EL" IN LIGHT FIXTURE SCHEDULE.
	EMERGENCY REMOTE HEAD INTERCONNECTED TO EXIT SIGN. OVERSIZE BATTERY IN EXIT SIGN. SEE "RH" IN LIGHT FIXTURE SCHEDULE
	CEILING FAN, HORSE POWER AS INDICATED ON THE DRAWINGS. "A" INDICATES TYPE OF LIGHTING KIT, SEE LIGHT FIXTURE SCHEDULE.
A	SURFACE TRACK LIGHT FIXTURE. "A" INDICATES TYPE AND NUMBER OF HEADS, SEE LIGHT FIXTURE SCHEDULE.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunw

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS	MANUFACTURER	VOLTAGE	POWER	NOTES
A	INTERIOR ADA WALL SCONCE - CORRIDOR	LED	TROY LIGHTING - KBF12103	120	52	
C1	INDIRECT COVE LIGHT, 40' CONTINUOUS RUN	F32 TB	LEDLIGHT 3808-T01-E-40'-1-1-E-2	120	32	SEE ARCH DETAILS FOR EXACT MOUNT LOCATION
D1	SURFACE MNT CFL FIXTURE	CFL	TROY LIGHTING KF9819	120	52	
D2	DIMMABLE CFL LOBBY TABLE PENDANT	CFL	TROY LIGHTING KF9821	120	100	
D3	DIMMABLE CFL SMALL LOBBY PENDANT	CFL	TROY LIGHTING KBF10352B	120	25	
G1	LED STRING LIGHTS, DIMMABLE	LED	AMERICAL LSMS201024100BK	120	90	LENGTH AS REQUIRED
P1	LED SITE LIGHT	LED	LITHONIA DSX1 LED P8 50K TFTM MVOLT	208	146	PROVIDE 25' SS POLE
P2	RECESSED IN-GRADE FLAG POLE LIGHT	PSMH	FOXUS LIGHTING SL20LGL1202010MHM102	120	150	COORDINATE FLAG POLE LOCATION WITH G.C.
P3	INGROUND BULLET LED, UPRIGHT	LED	HADCO IL9-D-C-A	120	9	
P4	GROUND MOUNTED FLOOD LIGHT	LED	LITHONIA DSXF2 LED 3 A540/40 FL MVOLT THK DBLXD	120	54	PROVIDE WITH CONCRETE BASE
P5	POOL WALL SCONCE	LED	LITHONIA CSXWC LED 30C 700 40K T4M	120	69	
PL	COMPACT FLOURESCENT VAPERTIGHT	CFL	CANLET 6802FWF269H11-GSC	120	28	
R1	6" RECESSED DOWNLIGHT	LED	LIGHTOLIER P6R-D-20-N/P6R-D-8-40-P6R-D-CL	120	17	WITH EMERGENCY BACKUP
R2	6" RECESSED WALL WASH DOWNLIGHT	LED	LIGHTOLIER P6R-D-20-N/P6R-D-8-40-P6R-LW-CL	120	17	
R3	6" RECESSED WALL WASH DOWNLIGHT	LED	LIGHTOLIER P6R-D-20-N/P6R-D-8-40-P6R-D-CL	120	17	
R4	3" RECESSED DOWNLIGHT	LED	LIGHTOLIER C3LO85N-1ELV-C3LO85DL-01-30K-8-C3LDL-N-NCL-W	120	19	
R6	SURFACE MOUNT SHOWER LED	LED	LIGHTOLIER S-7-R-80-40K-10	120	14	
RW	INTERIOR ADA WALL SCONCE	CFL	TROY KB9751	120	26	
RV	VANITY LIGHT	T5	TROY FBF9748-T5	120	108	
RX	INTERIOR ADA WALL SCONCE	CFL	TROY KB9841	120	13	
RZ	3.5" SQUARE FLOOD	LED	LUMENS WACP201386	120	22.5	4000K
S2	11" ROUND	LED	COOPER TRF11-LD4-25W-40-OPL-WH-UNV-EDC1-PB120V/CSTG	120	40	
S3	WALL MOUNT FLOOD	LED	LUMIERE 303-W2-LEDB2-4000-UNV-T5X-DIMELV-WT-LCF	120	8.5	
S4	WALL MOUNT LUMINAIRE	LED	COOPER GAW-AF-01-LED-U-T4W-GM	120	34	
T1	2X2 TROFFER	LED	DAY-BRITE 2-ST-G-34L-840-2-D-DIM	120	40	
T2	2X4 TROFFER	LED	DAY-BRITE 2-ST-G-42L-840-4-D	120	40	
T1	1X4 SURFACE MOUNT	LED	DAY-BRITE 1-ST-29L-8404-D	120	28	
VL	VANITY LIGHT	T5	LITHONIA 11802RET5	120	28	
W1	4' LENSED WALL LIGHT	LED	TEXAS 555-MW-48L-F48W4800L-UNV-40K-EM14	120	48	
X	EXIT LIGHT	LED	LITHONIA L(H)QM SW - R 120/277 EL N	UNV	<1	
EM	EMERGENCY LIGHT	-	LITHONIA ELM627	UNV	50	

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

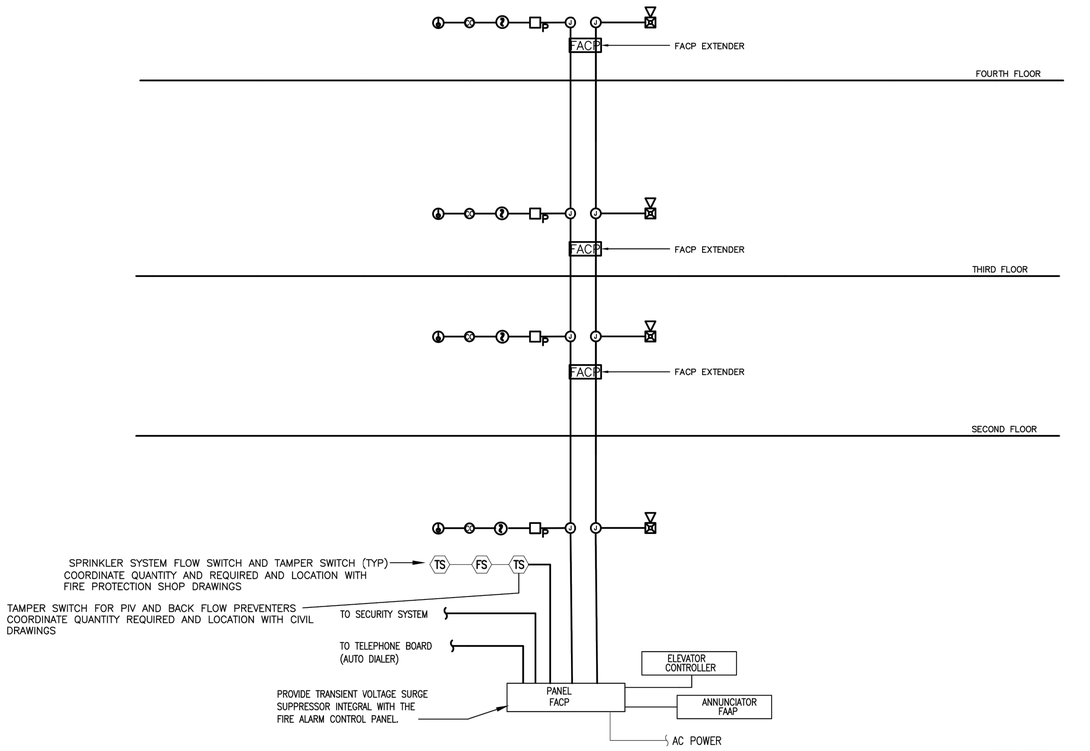
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ELECTRICAL LIGHT FIXTURE SCHEDULE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

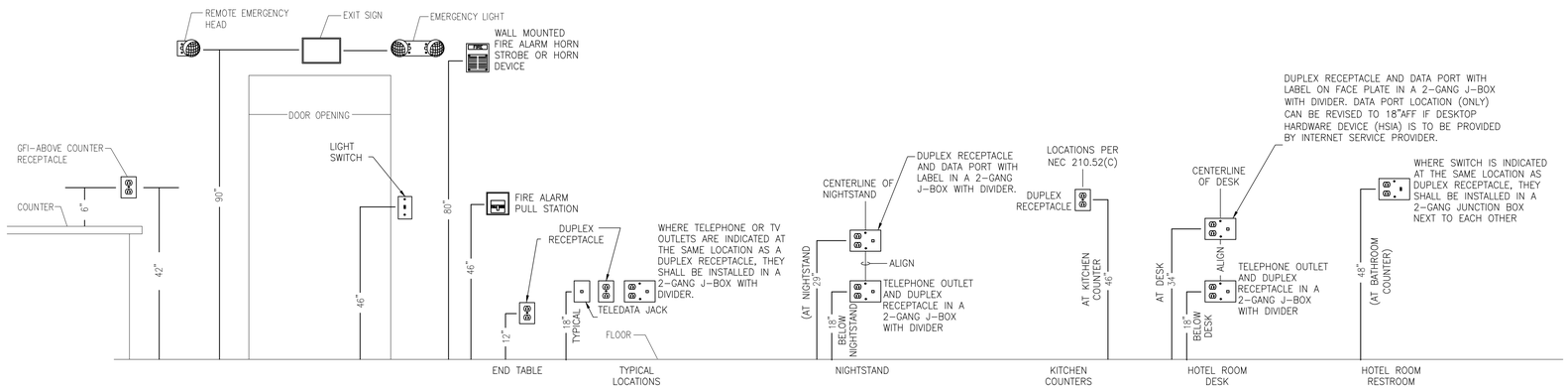
SHEET NUMBER:
E1.01



1 E1.02 **FIRE ALARM RISER**
N.T.S.

FIRE ALARM GENERAL NOTES

1. CONDUIT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), LOCAL AND STATE REQUIREMENTS.
2. ALL WIRING SHALL BE INSTALLED IN CONDUIT OR RACEWAY DEDICATED TO THE FIRE ALARM SYSTEM. EXPOSED CONDUIT, BOXES AND BOX COVERS OF THE FIRE ALARM SYSTEM WILL BE PAINTED RED. CONDUIT FILL SHALL NOT EXCEED 40 PERCENT OF INTERIOR CROSS SECTIONAL AREA WHERE THREE OR MORE CABLES ARE CONTAINED WITHIN A SINGLE CONDUIT.
3. CABLE MUST BE SEPARATED FROM ANY OPEN CONDUCTORS OF POWER, OR CLASS 1 CIRCUITS, AND SHALL NOT BE PLACED IN ANY CONDUIT, JUNCTION BOX OR RACEWAY CONTAINING THESE CONDUCTORS, AS PER NEC ARTICLE 760.
4. WIRING FOR 24 VOLT CONTROL, ALARM NOTIFICATION, EMERGENCY COMMUNICATION AND SIMILAR POWER-LIMITED AUXILIARY FUNCTIONS MAY BE RUN IN THE SAME CONDUIT AS INITIATING AND SIGNALING LINE CIRCUITS. ALL CIRCUITS SHALL BE PROVIDED WITH TRANSIENT SUPPRESSION DEVICES AND THE SYSTEM SHALL BE DESIGNED TO PERMIT SIMULTANEOUS OPERATION OF ALL CIRCUITS WITHOUT INTERFERENCE OR LOSS OF SIGNALS.
5. CONDUIT SHALL NOT ENTER THE FIRE ALARM CONTROL PANEL, OR ANY OTHER REMOTELY MOUNTED CONTROL PANEL EQUIPMENT OR BACKBOXES, EXCEPT WHERE CONDUIT ENTRY IS SPECIFIED BY THE FACP MANUFACTURER.
6. CONDUIT SHALL BE 3/4" MINIMUM.
7. ALL FIRE ALARM SYSTEM WIRING MUST BE NEW.
8. CANDELA RATINGS SHALL BE PER CODE FOR THE AREA SERVED. MINIMUM 15 CD IN CORRIDORS, 110/177 CD PER SLEEPING ROOM.
9. WIRING SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL CODES (E.G., NEC ARTICLE 760) AND AS RECOMMENDED BY THE MANUFACTURER OF THE FIRE ALARM SYSTEM. NUMBER AND SIZE OF CONDUCTORS SHALL BE AS RECOMMENDED BY THE FIRE ALARM SYSTEM MANUFACTURER, BUT NOT LESS THAN 18 AWG FOR INITIATING DEVICE CIRCUITS AND SIGNALING LINE CIRCUITS, AND 14 AWG FOR NOTIFICATION APPLIANCE CIRCUITS.
10. ALL WIRE AND CABLE SHALL BE LISTED AND/OR APPROVED BY A RECOGNIZED TESTING AGENCY FOR USE WITH A PROTECTIVE SIGNALING SYSTEM.
11. WIRE AND CABLE NOT INSTALLED IN CONDUIT SHALL HAVE A FIRE RESISTANCE RATING SUITABLE FOR THE INSTALLATION AS INDICATED IN NFPA 70 (E.G., FPLR).
12. THE SYSTEM SHALL PERMIT THE USE OF IDC AND NAC WIRING IN THE SAME CONDUIT WITH THE MULTIPLEX COMMUNICATION LOOP.
13. ALL FIELD WIRING SHALL BE COMPLETELY SUPERVISED. IN THE EVENT OF A PRIMARY POWER FAILURE, DISCONNECTED STANDBY BATTERY, REMOVAL OF ANY INTERNAL MODULES, OR ANY OPEN CIRCUITS IN THE FIELD WIRING; A TROUBLE SIGNAL WILL BE ACTIVATED UNTIL THE SYSTEM AND ITS ASSOCIATED FIELD WIRING ARE RESTORED TO NORMAL CONDITION.
14. NO SPLICING OF CONDUCTORS. WIRING SHALL BE CONTINUOUS FROM PREVIOUS DEVICE TO NEXT DEVICE.
15. ALL BOXES AND CABINETS SHALL BE UL LISTED FOR THEIR INTENDED PURPOSE.
16. INITIATING CIRCUITS SHALL BE ARRANGED TO SERVE LIKE CATEGORIES (MANUAL, SMOKE, WATERFLOW). MIXED CATEGORY CIRCUITRY SHALL NOT BE PERMITTED EXCEPT ON SIGNALING LINE CIRCUITS CONNECTED TO INTELLIGENT REPORTING DEVICES.
17. ALL CIRCUITS THAT HAVE BEEN MODIFIED TO BE TESTED 100% AND DOCUMENTATION.
18. PROVIDED PER NFPA 72 AND LOCAL AHJ. DOCUMENTATION TO BE PROVIDED TO OWNER AT CLOSEOUT.
19. CONTRACTOR TO SUBMIT PLAN OF DEVICE RELOCATION TO FIRE MARSHALL PRIOR TO WORK.



NOTE: – ALL RECEPTACLES SHALL BE 18"AFF UNLESS OTHERWISE NOTED.
– ALIGN HORN ONLY FIRE ALARM DEVICES WITH TOP OF DOOR FRAME.
– MOUNT STROBE OR HORN/STROBE DEVICES 80"AFF TO BOTTOM OF STROBE.

2 E1.02 **TYPICAL DEVICE MOUNTING HEIGHTS**
N.T.S.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

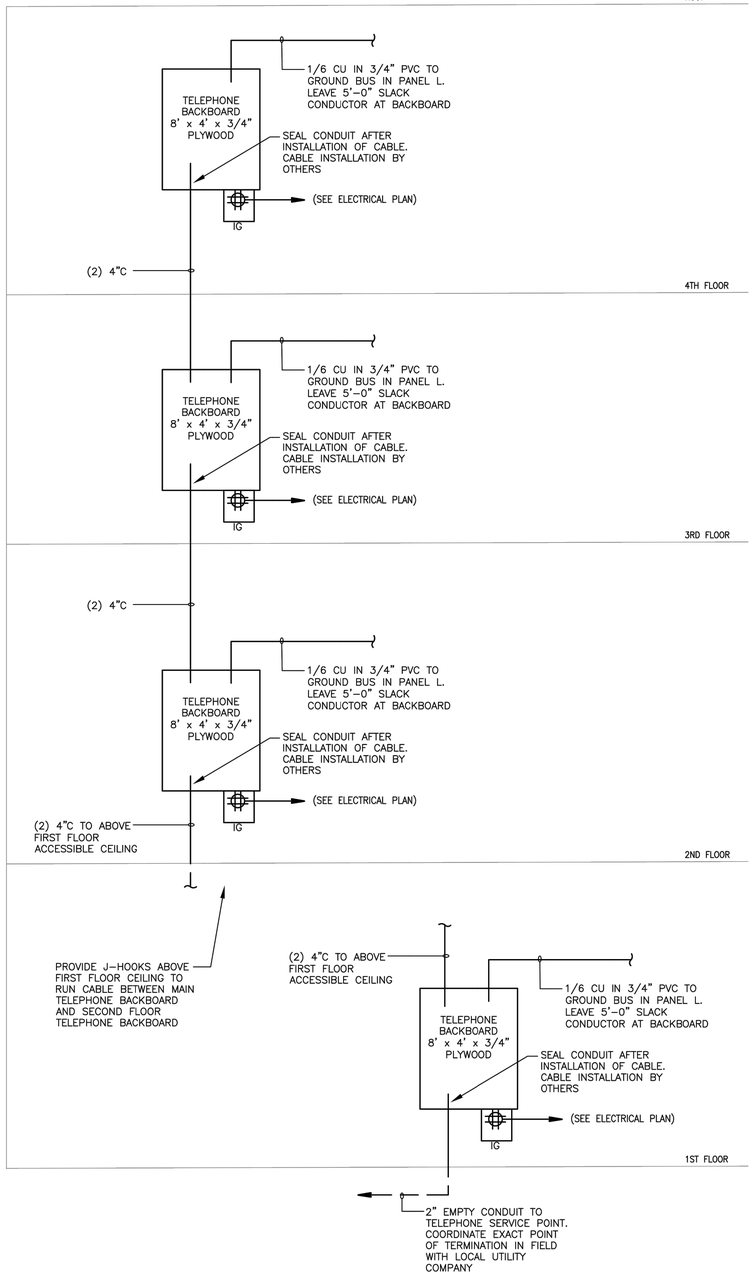
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ELECTRICAL FIRE ALARM RISER & DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E1.02



1 E1.03 **TELEPHONE RISER DIAGRAM**

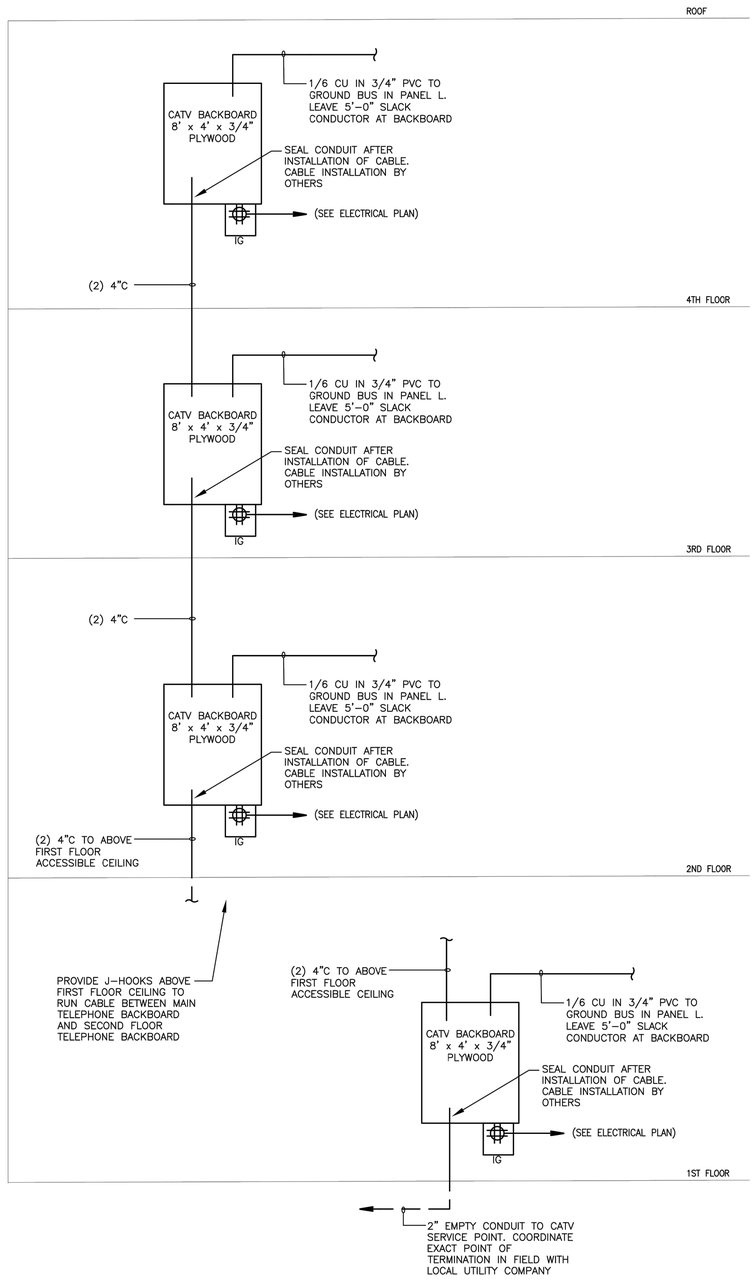
N.T.S.

GENERAL NOTES

A TELEPHONE BACKBOARDS SHALL BE PAINTED WITH FIRE RETARDANT PAINT AND MOUNTED AT 12" AFF FROM BOTTOM OF PLYWOOD.

B PROVID AND INSTALL CAT '5E' CABLE BETWEEN TELEPHONE BACKBOARDS AND ALL TELEPHONE DATA AND DATA/TELEPHONE OUTLETS. IN GUEST ROOMS, CONNECT ALL TELEPHONE OUTLETS TOGETHER WITH (1) RUN BACK TO THE TELEPHONE BACKBOARD. ALL DATA OUTLETS IN GUEST ROOMS SHALL HAVE DEDICATED CABLE RUNS BACK TO THE TELEPHONE BACKBOARD. COORDINATE EXACT CABLING REQUIREMENTS WITH OWNER.

C FOR GUEST ROOMS, PROVIDE 3/4"C FOR OUTLETS AND STUB OUT INTO CORRIDOR. PROVIDE FIRE STOP MATERIAL AND CONSTRUCTION AS NECESSARY TO PRESERVE FIRE RATING OF CORRIDOR WALL. COORDINATE EXACT CABLING REQUIREMENTS WITH OWNER.



2 E1.03 **CATV RISER DIAGRAM**

N.T.S.

GENERAL NOTES

A CATV BACKBOARDS SHALL BE PAINTED WITH FIRE RETARDANT PAINT AND MOUNTED AT 12" AFF FROM BOTTOM OF PLYWOOD.

B PROVID AND INSTALL RG-11 COAX CABLE BETWEEN CATV BACKBOARDS AND EACH CATV OUTLET. IN GUEST ROOMS, ALL CATV OUTLETS TOGETHER WITH (1) RUN BACK TO THE CATV BACKBOARD. ALL DATA OUTLETS IN GUEST ROOMS SHALL HAVE DEDICATED CABLE RUNS BACK TO THE CATV BACKBOARD. COORDINATE EXACT CABLING REQUIREMENTS WITH OWNER.

C FOR GUEST ROOMS, PROVIDE 3/4"C FOR OUTLETS AND STUB OUT INTO CORRIDOR. PROVIDE FIRE STOP MATERIAL AND CONSTRUCTION AS NECESSARY TO PRESERVE FIRE RATING OF CORRIDOR WALL. COORDINATE EXACT CABLING REQUIREMENTS WITH OWNER.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

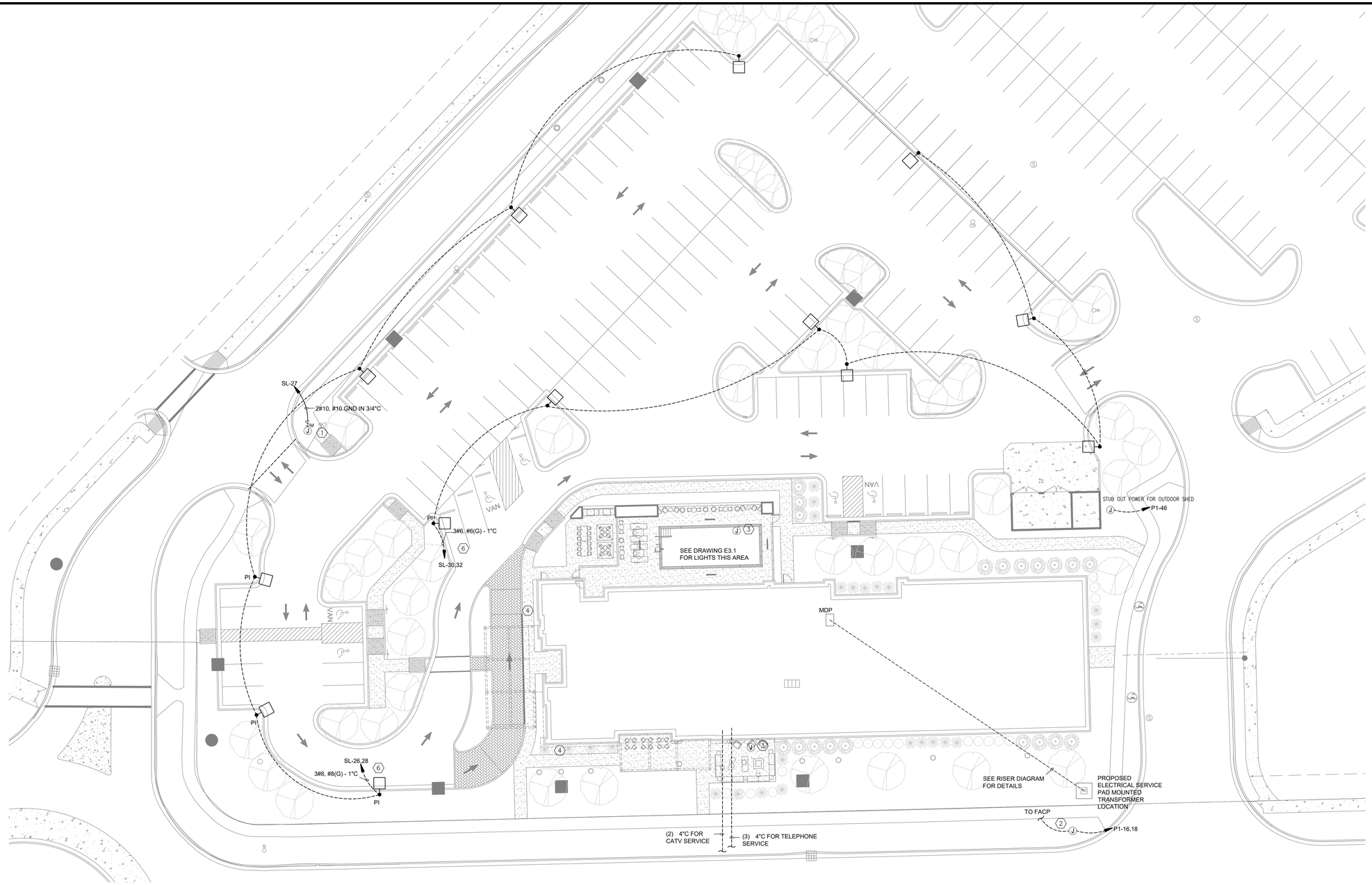
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ELECTRICAL LOW VOLTAGE RISERS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E1.03



1
E2.00

ELECTICAL SITE PLAN

SCALE: 3/32" = 1'-0"

NORTH

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. PRIOR TO STARTING ANY UNDERGROUND SERVICE WORK, THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITY SERVICE REPRESENTATIVE AND COORDINATE REQUIREMENTS FOR THE TRANSFORMER LOCATION, CONCRETE PAD REQUIREMENTS, PRIMARY SURGE ARRESTORS, SECONDARY CONDUIT AND WIRE AND METERING REQUIREMENTS. ALL WORK AND ANY COST RELATIVE TO THE ABOVE THAT IS THE CONTRACTOR'S RESPONSIBILITY SHALL BE INCLUDED AS PART OF THIS CONTRACT.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LOCAL TELEPHONE COMPANY TO PROVIDE A COMPLETE UNDERGROUND SERVICE INSTALLATION INTO THE BUILDING. ELECTRICAL CONTRACTOR SHALL PROVIDE (3) 4" CONDUITS WITH PULL CORDS FROM THE TELEPHONE BACKBOARD INSIDE THE BUILDING TO THE FARTHEST POINT OF THE PROPERTY LINE OR AS DIRECTED BY THE LOCAL TELEPHONE COMPANY REPRESENTATIVE.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LOCAL CATV COMPANY TO PROVIDE A COMPLETE UNDERGROUND SERVICE INSTALLATION INTO THE BUILDING. ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 4" CONDUITS WITH PULL CORDS FROM THE ELECTRICAL INSIDE THE BUILDING TO THE FARTHEST POINT OF THE PROPERTY LINE OR AS DIRECTED BY THE LOCAL CATV COMPANY REPRESENTATIVE.

KEY NOTES:

APPLY THIS SHEET ONLY

1. PROVIDE 120V CONNECTION FOR INTERNALLY ILLUMINATED MONUMENT SIGN. FIELD VERIFY EXACT LOCATION WITH G.C. PRIOR TO ROUGH-IN. PROVIDE DISCONNECT AT BASE OF SIGN.
2. PROVIDE 120V CONNECTION FOR BACKFLOW PREVENTOR HOT BOXES. PROVIDE EMPTY 3/4"C TO FACP FOR TAMPER SWITCH MONITORING OF THE FIRE BACKFLOW. FIELD VERIFY EXACT LOCATION WITH G.C. PRIOR TO ROUGH-IN.
3. SIGNATURE STRING LIGHTS. REFER TO DRAWING E3.1 FOR CIRCUITING INFORMATION.
4. PROVIDE J-BOX FOR UP LIGHTS. REFER TO DRAWING E3.1 FOR CIRCUITING INFORMATION.
5. ROUTE CIRCUIT VIA LIGHTING CONTRACTOR. LIGHT FIXTURES THRU TIME CLOCK AND PHOTOCELL.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

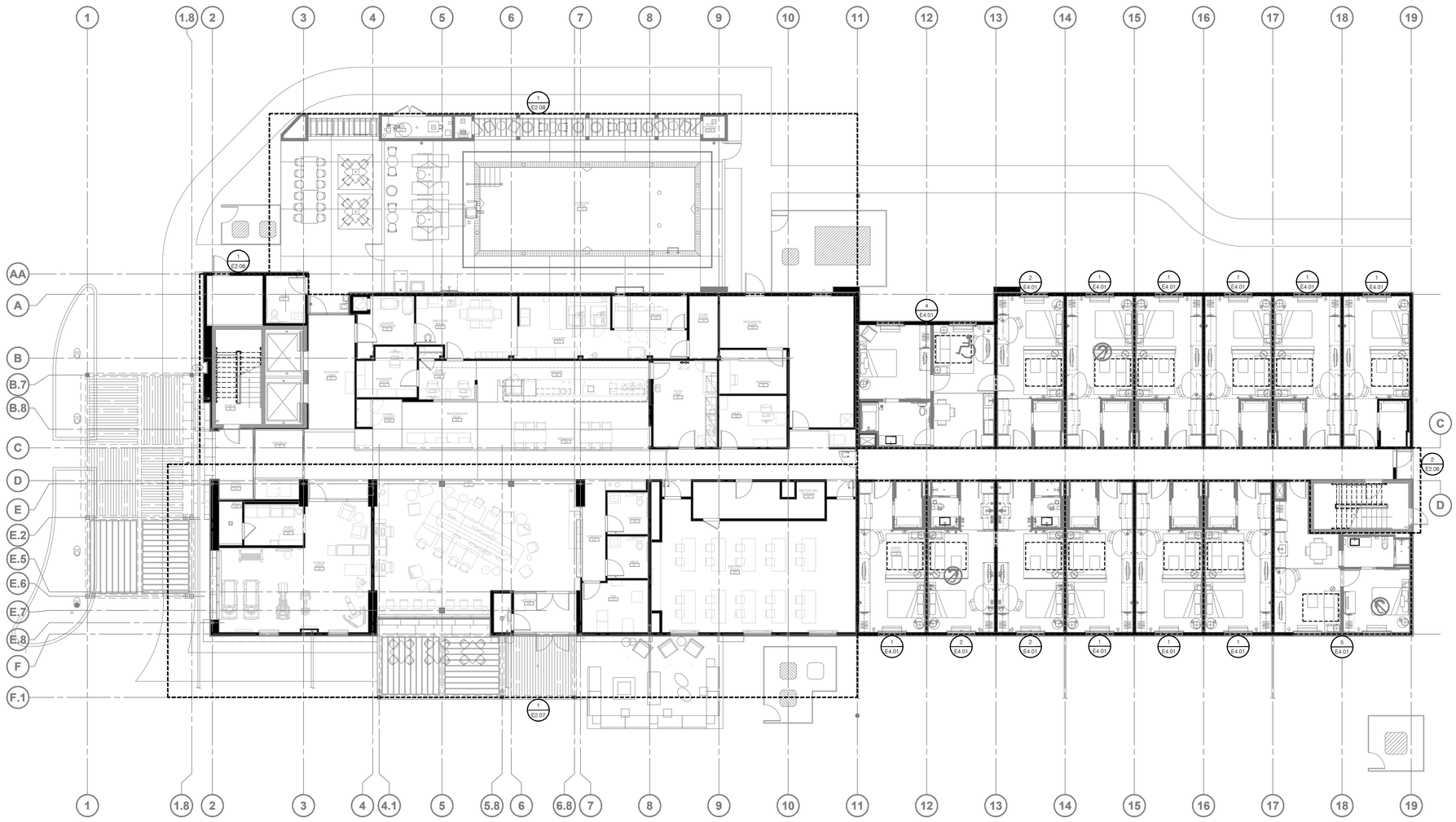
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ELECTRICAL SITE PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E2.00



1 E2.01 FIRST FLOOR PLAN

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. NOT USED

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST FLOOR PLAN

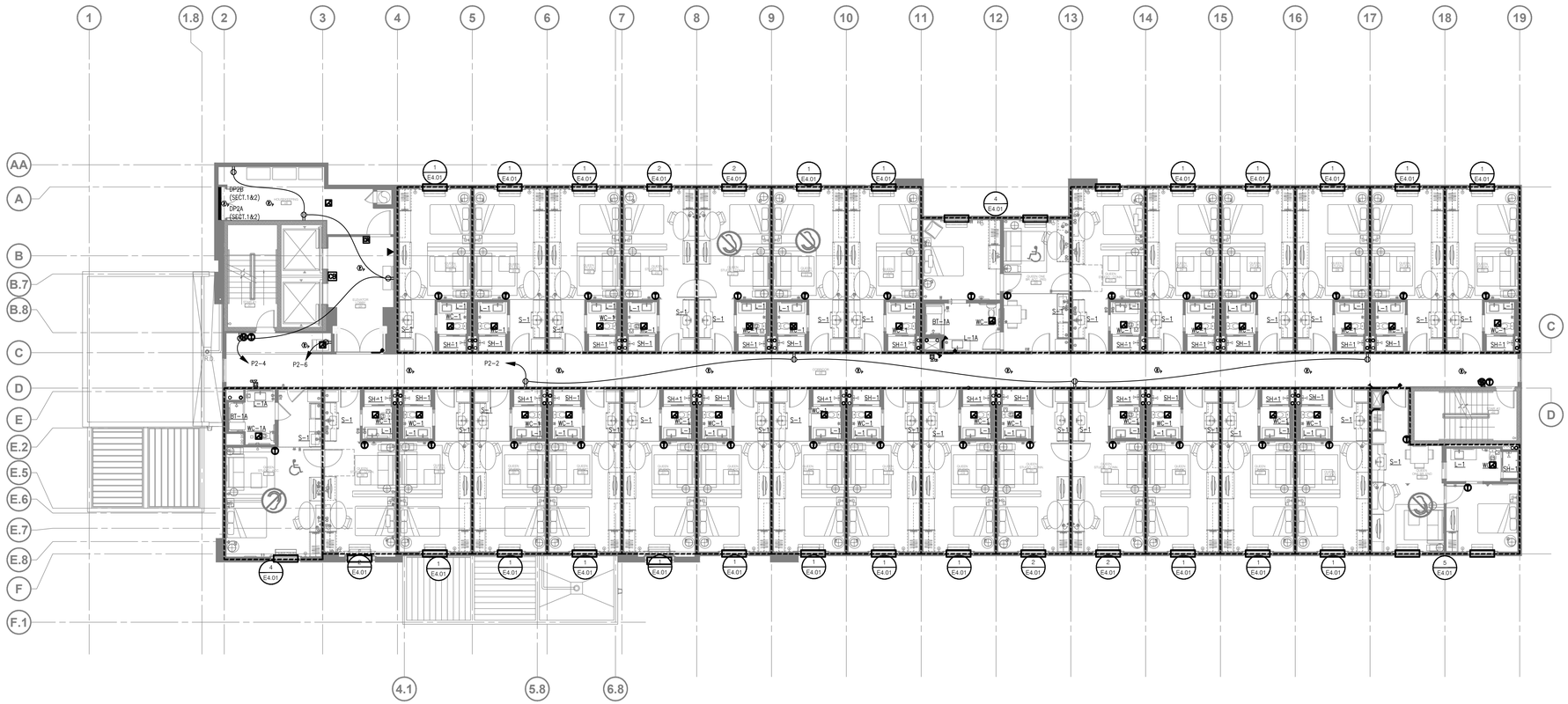
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

E2.01



1 E2.02 SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

1. NOT USED

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
2. PROVIDE ALL EXHAUST FANS WITH MOTOR RATED SNAP SWITCH AND CIRCUIT TO ROOM LIGHTING CIRCUIT.
3. PROVIDE CONDUIT AND WIRING FOR SMOKE DAMPER ACTUATORS AND MAGNETIC DOOR HOLDERS FROM FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM INSTALLING CONTRACTOR.
4. PROVIDE CONDUIT AND WIRING FOR CARD READERS. CIRCUIT PER PANEL SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SECOND FLOOR PLAN

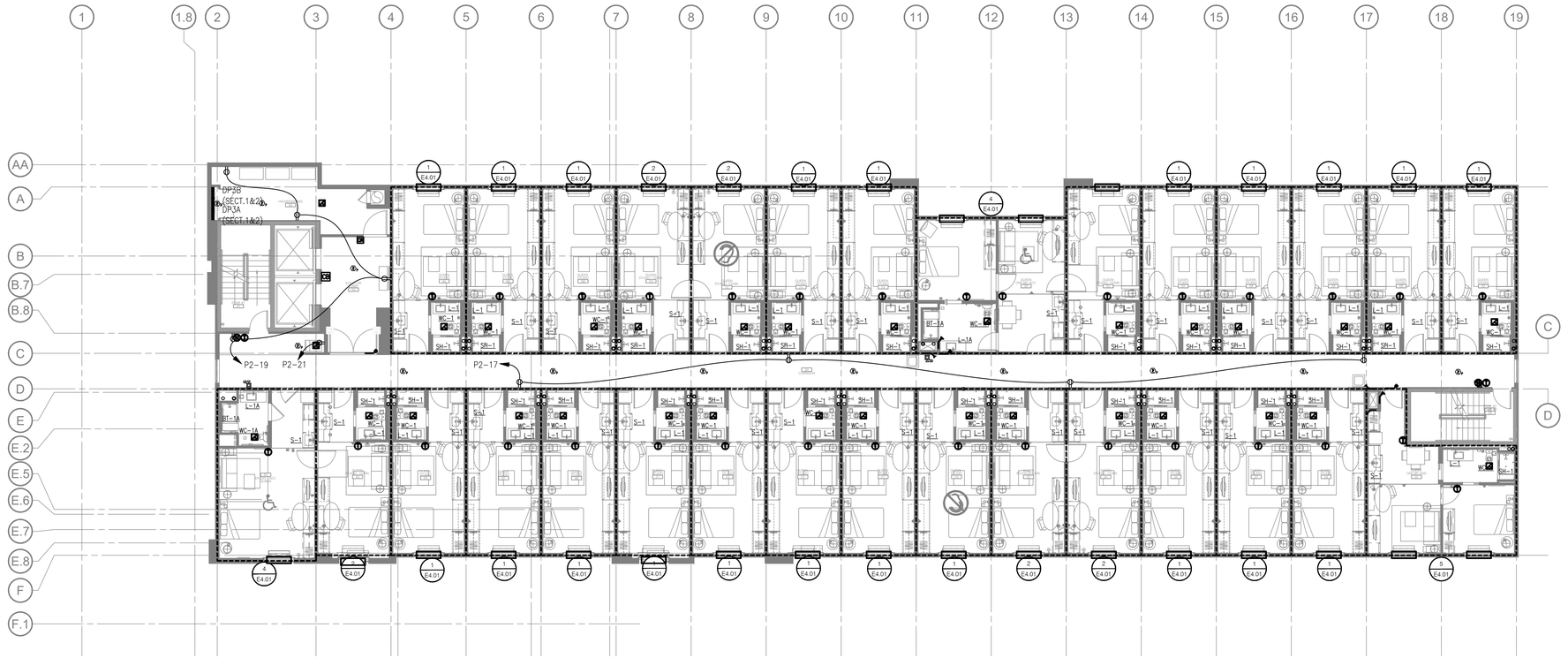
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

E2.02



1 E2.03 **THIRD FLOOR PLAN**

SCALE: 3/32" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

1 NOT USED

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
2. PROVIDE ALL EXHAUST FANS WITH MOTOR RATED SNAP SWITCH AND CIRCUIT TO ROOM LIGHTING CIRCUIT.
3. PROVIDE CONDUIT AND WIRING FOR SMOKE DAMPER ACTUATORS AND MAGNETIC DOOR HOLDERS FROM FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM INSTALLING CONTRACTOR.
4. PROVIDE CONDUIT AND WIRING FOR CARD READERS. CIRCUIT PER PANEL SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
THIRD FLOOR PLAN

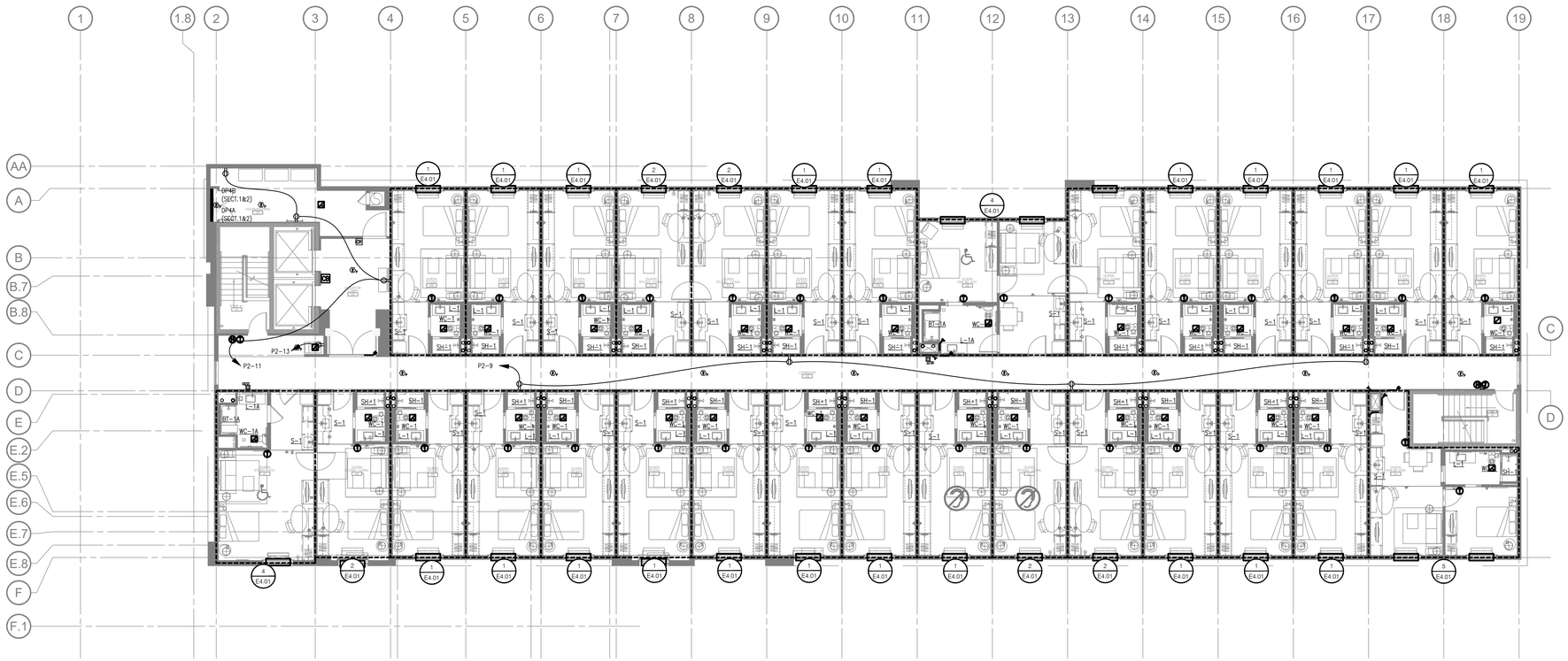
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

E2.03



1 E2.04 FOURTH FLOOR PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

1 NOT USED

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
2. PROVIDE ALL EXHAUST FANS WITH MOTOR RATED SNAP SWITCH AND CIRCUIT TO ROOM LIGHTING CIRCUIT.
3. PROVIDE CONDUIT AND WIRING FOR SMOKE DAMPER ACTUATORS AND MAGNETIC DOOR HOLDERS FROM FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM INSTALLING CONTRACTOR.
4. PROVIDE CONDUIT AND WIRING FOR CARD READERS. CIRCUIT PER PANEL SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FOURTH FLOOR PLAN

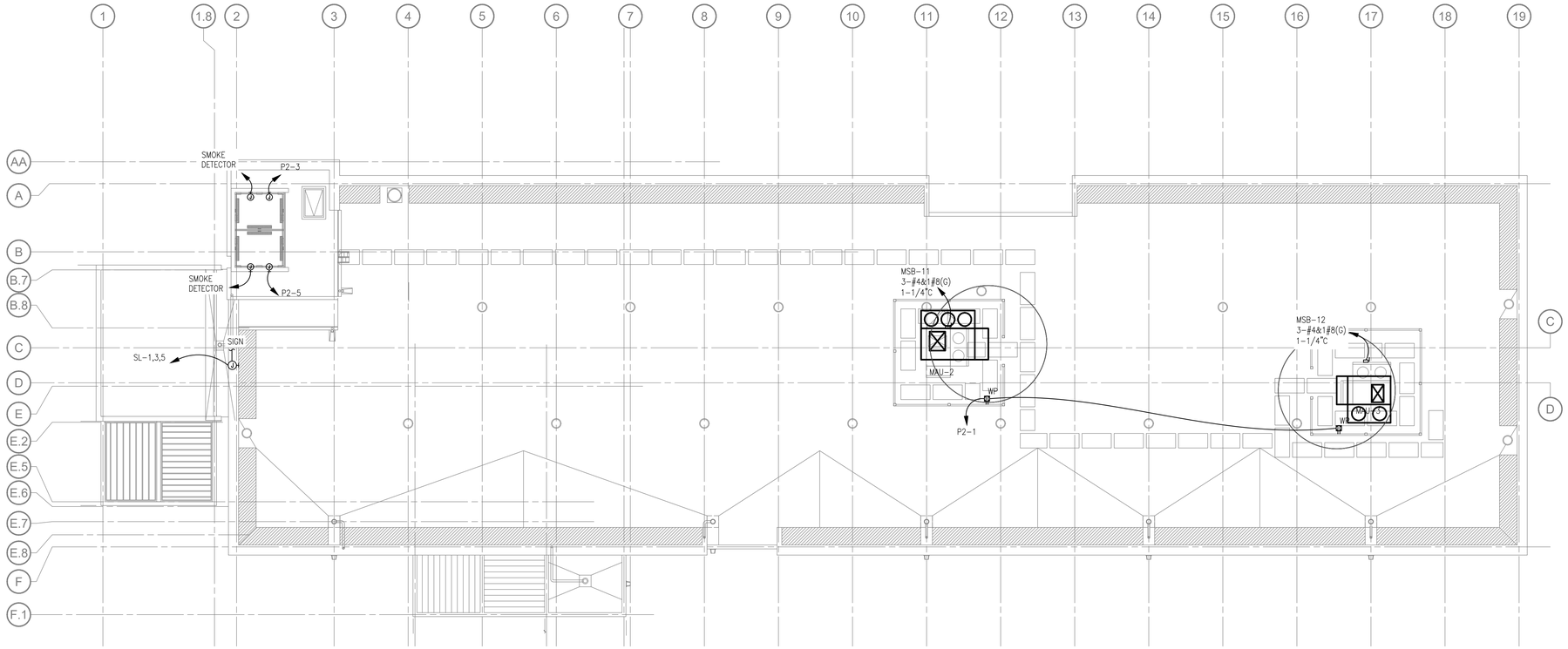
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

E2.04



1 / E2.05 ROOF PLAN

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. NOT USED

KEY NOTES:

APPLY THIS SHEET ONLY

(1) NOT USED

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:

HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:

ROOF PLAN

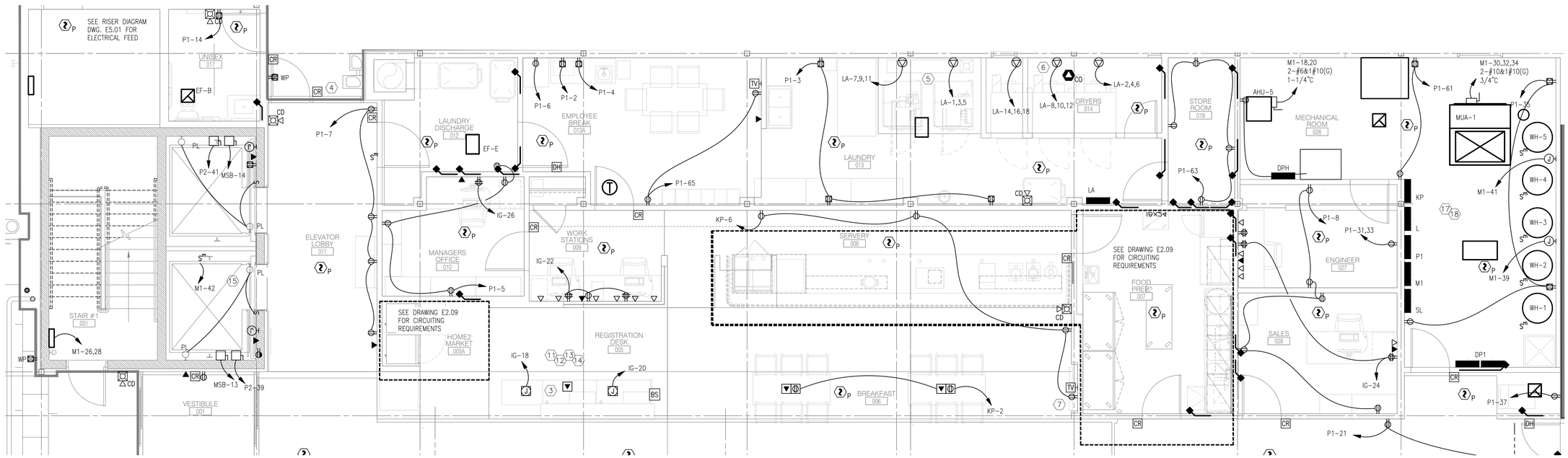
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

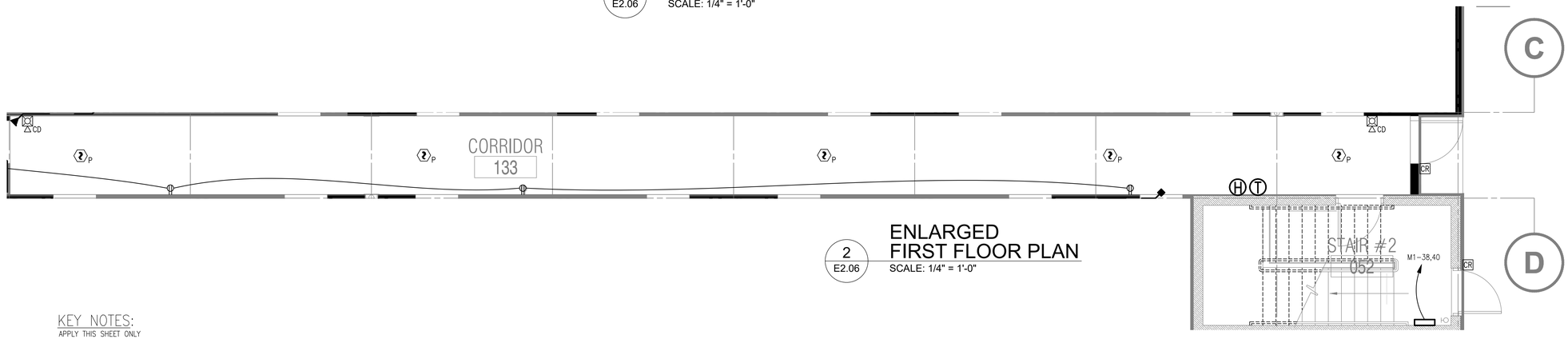
E2.05



1 E2.06

ENLARGED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"



2 E2.06

ENLARGED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

1. NOT USED
2. PROVIDE EMPTY 3/4"C TO ABOVE ACCESSIBLE CEILING FOR TELE/DATA OR CATV FLOOR OUTLETS.
3. COORDINATE WITH ARCHITECTURAL PLANS FOR LOCATIONS OF RECEPTACLES AND DATA PORTS. POWER ABOVE COUNTER RECEPTACLES SEPARATELY FROM BELOW DESK OUTLETS.
4. COORDINATE WITH OWNER TO PROVIDE 120V CONNECTIONS FOR SECURITY AND CARD READER SYSTEMS.
5. COORDINATE WITH G.C. TO PROVIDE 208V/3ø CONNECTIONS FOR WASHING MACHINES FROM PANEL LA. PROVIDE LAG TYPE FUSES IN DISCONNECT.
6. COORDINATE WITH G.C. TO PROVIDE 208V/3ø CONNECTIONS FOR DRYERS FROM PANEL LA.
7. PROVIDE RECEPTACLE AND CATV OUTLET UP HIGH FOR WALL MOUNTED T.V. FIELD COORDINATE EXACT LOCATION WITH G.C./ARCHITECT.
8. NOT USED
9. NOT USED
10. PROVIDE J-BOX AT AUTOMATIC DOOR FOR ELECTRONIC DOOR LOCK. ROUTE ¾"C UNDERSLAB TO FRONT DESK PUSH BUTTON. DOOR TO UNLOCK FROM PUSH BUTTON OR CARD READER. TIE LOCK INTO FIRE ALARM SYSTEM. DOOR TO ALSO UNLOCK UPON BUILDING FIRE ALARM SYSTEM ACTIVATION. PROVIDE SWITCH IN WORK ROOM FOR DOOR LOCK ON/OFF CONTROL. COORDINATE EXACT WIRING REQUIREMENTS WITH G.C./OWNER AND DOOR INSTALLER.
11. TWO-WAY PUSH TO TALK INTERCOM STATION. THIS STATION TO OPERATE WITH INTERCOM STATION IN VESTIBULE. PROVIDE EMPTY ¾"C UNDERSLAB TO VESTIBULE INTERCOM STATION. COORDINATE MOUNTING LOCATION WITH OWNER.
12. PROVIDE DEDICATED NUETRAL AND GROUND WIRE FOR EACH IG CIRCUIT.
13. PUSH BUTTON FOR ELECTRONIC DOOR LOCK AT FRONT DESK. ROUTE ¾"C UNDERSLAB, UP IN WALL, AND TO AUTOMATIC DOOR. COORDINATE EXACT WIRING REQUIREMENTS AND LOCATION AT FRONT DESK WITH G.C./OWNER AND DOOR INSTALLER.
14. PROVIDE (3) EMPTY 1 1/2"C'S UNDERSLAB TO NEAREST WALL AND OVERHEAD TO PBX ROOM SERVER RACK.
15. ALL ELECTRICAL EQUIPMENT AND CONDUIT WITHIN 48"AFF OF THE ELEVATOR PIT FLOOR SHALL BE NEMA 4 RATED.
16. ALL ELECTRICAL AND SYSTEM WIRING TO BE ROUTED UNDER SLAB TO HALF WALL AT REGISTRATION DESK. SEE ARCHITECTURAL ELEVATIONS AND SECTIONS FOR CONDUIT AND WIRE ROUTING AS WELL AS ALL DEVICE LOCATIONS AT REGISTRATION DESK,
17. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
18. COORDINATE ALL EQUIPMENT LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN OF THIS ROOM.

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
2. PROVIDE ALL EXHAUST FANS WITH MOTOR RATED SNAP SWITCH AND CIRCUIT TO ROOM LIGHTING CIRCUIT.
3. PROVIDE CONDUIT AND WIRING FOR SMOKE DAMPER ACTUATORS AND MAGNETIC DOOR HOLDERS FROM FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM INSTALLING CONTRACTOR.
4. PROVIDE CONDUIT AND WIRING FOR CARD READERS. CIRCUIT PER PANEL SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

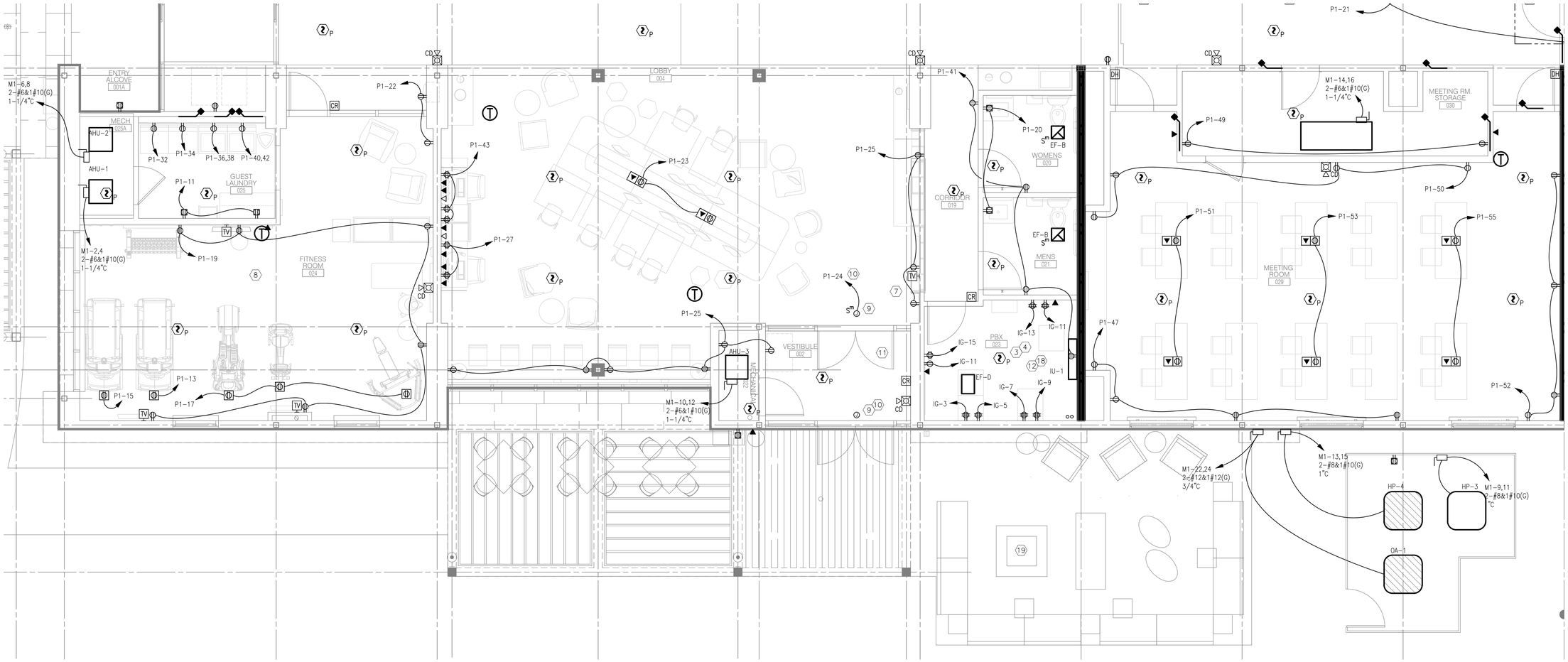
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

E2.06



ENLARGED FIRST FLOOR PLAN

1 / E2.07

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
2. PROVIDE ALL EXHAUST FANS WITH MOTOR RATED SNAP SWITCH AND CIRCUIT TO ROOM LIGHTING CIRCUIT.
3. PROVIDE CONDUIT AND WIRING FOR SMOKE DAMPER ACTUATORS AND MAGNETIC DOOR HOLDERS FROM FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM INSTALLING CONTRACTOR.
4. PROVIDE CONDUIT AND WIRING FOR CARD READERS. CIRCUIT PER PANEL SCHEDULES.

KEY NOTES:

APPLY THIS SHEET ONLY

1. NOT USED
2. PROVIDE EMPTY 3/4"C TO ABOVE ACCESSIBLE CEILING FOR TELE/DATA OR CATV FLOOR OUTLETS.
3. FIELD COORDINATE EXACT LAYOUT OF THIS ROOM WITH OWNER'S IT VENDOR PRIOR TO PROJECT START UP.
4. COORDINATE WITH OWNER TO PROVIDE 120V CONNECTIONS FOR SECURITY AND CARD READER SYSTEMS.
5. COORDINATE WITH G.C. TO PROVIDE 208V/3ø CONNECTIONS FOR WASHING MACHINES FROM PANEL LA. PROVIDE LAG TYPE FUSES IN DISCONNECT.
6. COORDINATE WITH G.C. TO PROVIDE 208V/3ø CONNECTIONS FOR DRYERS FROM PANEL LA.
7. PROVIDE RECEPTACLE AND CATV OUTLET UP HIGH FOR WALL MOUNTED T.V. FIELD COORDINATE EXACT LOCATION WITH G.C./ARCHITECT.
8. COORDINATE EXACT EQUIPMENT LAYOUT OF THIS ROOM WITH OWNER'S EXERCISE EQUIPMENT PROVIDED PRIOR TO ROUGH-IN.
9. FIELD COORDINATE WITH G.C. TO PROVIDE 120V CONNECTION FOR AUTOMATIC DOORS.
10. PROVIDE J-BOX AT AUTOMATIC DOOR FOR ELECTRONIC DOOR LOCK. ROUTE ¾"C UNDERSLAB TO FRONT DESK PUSH BUTTON. DOOR TO UNLOCK FROM PUSH BUTTON OR CARD READER. TIE LOCK INTO FIRE ALARM SYSTEM. DOOR TO ALSO UNLOCK UPON BUILDING FIRE ALARM SYSTEM ACTIVATION. PROVIDE SWITCH IN WORK ROOM FOR DOOR LOCK ON/OFF CONTROL. COORDINATE EXACT WIRING REQUIREMENTS WITH G.C./OWNER AND DOOR INSTALLER.
11. TWO-WAY PUSH TO TALK INTERCOM STATION. THIS STATION TO OPERATE WITH INTERCOM STATION IN VESTIBULE. PROVIDE EMPTY ¾"C UNDERSLAB TO VESTIBULE INTERCOM STATION. COORDINATE MOUNTING LOCATION WITH OWNER.
12. PROVIDE DEDICATED NEUTRAL AND GROUND WIRE FOR EACH IG CIRCUIT.
13. PUSH BUTTON FOR ELECTRONIC DOOR LOCK AT FRONT DESK. ROUTE ¾"C UNDERSLAB, UP IN WALL, AND TO AUTOMATIC DOOR. COORDINATE EXACT WIRING REQUIREMENTS AND LOCATION AT FRONT DESK WITH G.C./OWNER AND DOOR INSTALLER.
14. PROVIDE (3) EMPTY 1 1/2"C'S UNDERSLAB TO NEAREST WALL AND OVERHEAD TO PBX ROOM SERVER RACK.
15. ALL ELECTRICAL EQUIPMENT AND CONDUIT WITHIN 48"AFF OF THE ELEVATOR PIT FLOOR SHALL BE NEMA 4 RATED.
16. ALL ELECTRICAL AND SYSTEM WIRING TO BE ROUTED UNDER SLAB TO HALF WALL AT REGISTRATION DESK. SEE ARCHITECTURAL ELEVATIONS AND SECTIONS FOR CONDUIT AND WIRE ROUTING AS WELL AS ALL DEVICE LOCATIONS AT REGISTRATION DESK.
17. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
18. COORDINATE ALL EQUIPMENT LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN OF THIS ROOM.
19. COORDINATE WITH G.C. TO PROVIDE 120V CONNECTION VIA 120V CONTROL RELAY FOR GAS SOLENOID VALVE AT FIRE PIT AS REQUIRED. PROVIDE LABELED ON/OFF SWITCH IN WORK ROOM. PROVIDE FIRE ALARM CONNECTION FOR CONTROL RELAY. FIRE ALARM ACTIVATION TO SHUT-OFF GAS TO FIRE PIT.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
Info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

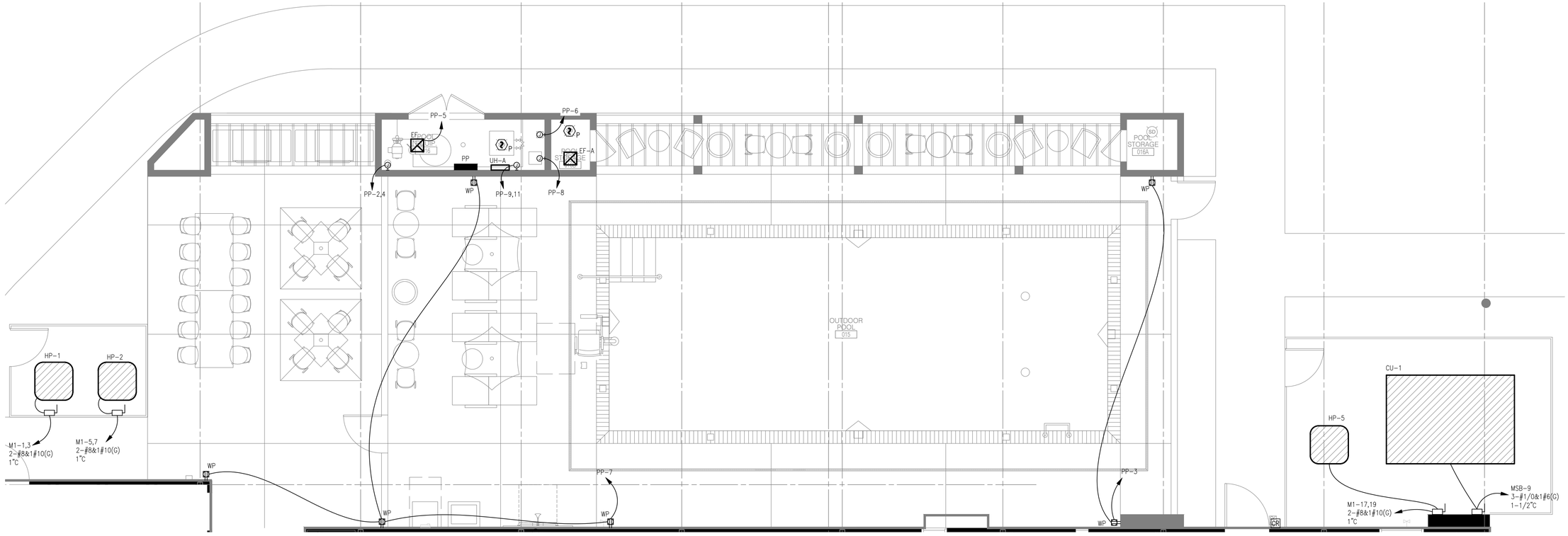
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E2.07



1 E2.08

ENLARGED POOL AREA PLAN

SCALE: 1/4" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

1. NOT USED

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL CIRCUIT STUB UPS FROM PANELS TO BE IN CONDUIT, NO VISIBLE METAL FLEX ALLOWED, TYPICAL FOR ALL PANELS.
2. PROVIDE ALL EXHAUST FANS WITH MOTOR RATED SNAP SWITCH AND CIRCUIT TO ROOM LIGHTING CIRCUIT.
3. PROVIDE CONDUIT AND WIRING FOR SMOKE DAMPER ACTUATORS AND MAGNETIC DOOR HOLDERS FROM FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM INSTALLING CONTRACTOR.
4. PROVIDE CONDUIT AND WIRING FOR CARD READERS. CIRCUIT PER PANEL SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

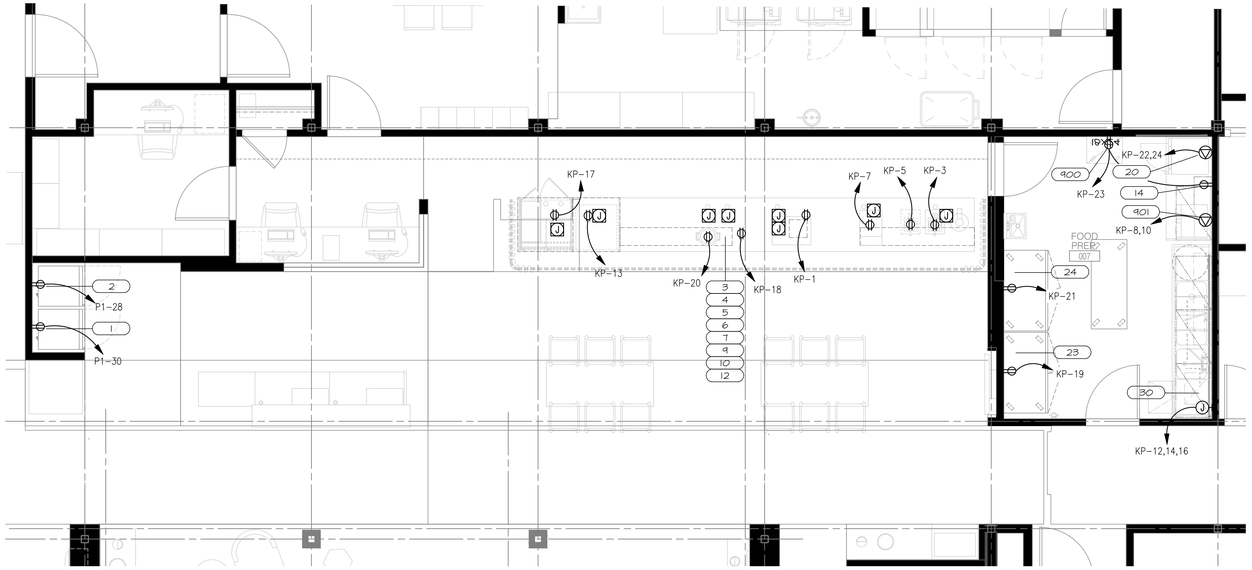
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED POOL AREA PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E2.08



1
E2.09

ENLARGED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

ELECTRICAL UTILITY SCHEDULE

R	ITEM	QTY	DESCRIPTION	VOLTS	PH	AMPS	KW	HP	ELE TYPE	AFF	ELECTRICAL COMMENTS
	1	1	DISPLAY FREEZER	120	1	9.0			REC	18"	
	2	1	DISPLAY REFRIGERATOR	120	1	5.2			REC	18"	
	3	1	WARMING KETTLE	120	1	4.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR	120	1	3.9			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	6	1	WARMING DISPLAY OVEN	120	1	15.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	7	1	WAFFLE IRON (OPERATOR FURNISHED)	120	1	11.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION), VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	8	1	SPARE NUMBER - EXH. HOOD W/ FIRE SUPP. (OPTION 2)	120	1	10.0			JBOX		STUB DOWN LIGHT & FAN SWITCH (BY ELEC), (1) AUTOSTART INTERCONNECT, SEE FSV SHEETS FOR ADDITIONAL INFO., FPS (120V, 2.0A), STUB DOWN, RUN CONDUIT IN CEILING
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)	120	1	10.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION), VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	10	1	CONVEYOR TOASTER	120	1	14.4			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION)
	12	1	WAFFLE IRON (FUTURE) (OPERATOR FURNISHED)	120	1	11.0			REC		STUB-UP, CONNECT TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL DIVISION), VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	14	1	COFFEE MAKER (OPERATOR FURNISHED)	120/208	1	36.9			REC	48"	2 WIRE + GROUND, VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	20	1	CONVECTION OVEN (VENTLESS)	208	1	27.8			REC	48"	CORD AND PLUG (BY ELECTRICAL DIVISION). CONFIRM ELECTRICAL WITH PROJECT SITE
	21	1	SPARE NUMBER	-	-	-			-	-	
	22	1	SPARE NUMBER	-	-	-			-	-	
	23	1	MOBILE REACH-IN REFRIGERATOR	120	1	5.4			REC	18"	
	24	1	MOBILE REACH-IN FREEZER	120	1	9.6			REC	18"	
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)	208	3	35.0			JBOX	18"	

CONVENIENCE OUTLET REQUIREMENTS

R	ITEM	DESCRIPTION	VOLTS	PH	AMPS	KW	HP	ELE TYPE	AFF	ELECTRICAL COMMENTS
	900	CONVENIENCE RECEPTACLE	120	1	15.0			REC	+18"	CONVENIENCE OUTLET STUB OUT WALL
	901	CONVENIENCE RECEPTACLE	120	1	15.0			REC	+48"	CONVENIENCE OUTLET STUB OUT WALL

ELECTRICAL NOTES

1. ELECTRICAL PLAN SHOWS ROUGH-IN POINTS AND SCHEDULED CONNECTIONS. KITCHEN EQUIPMENT CONTRACTOR WILL PROVIDE DIMENSIONED ROUGH-IN DRAWINGS FOR CONSTRUCTION.
2. ELECTRICAL SYSTEM IS DESIGNED FOR 120/208 VOLTS, 1&3 PHASE, 60 HERTZ, 4 WIRE SYSTEM.
3. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL ALL JUNCTION BOXES, RECEPTACLES, COVER PLATES, PULL BOXES, CONDUIT AND WIRING EXCEPT WHERE NOTED. RECEPTACLES AND COVER PLATES SHALL BE BRUSHED STAINLESS STEEL FURNISHED BY ELECTRICAL DIVISION.
4. ALL CONDUIT RUNS INDICATED FOR REFRIGERATION, DRINK AND LIQUOR SYSTEM LINES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL DIVISION. CONDUIT SHALL HAVE 24" (600MM) MINIMUM RADIUS BENDS.
5. KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL FOR FABRICATED COUNTERS AS NOTED COMPLETE WITH JUNCTION BOXES, CONDUIT, SURFACE MOUNTED ELECTRICAL BOXES, RECEPTACLES, COVER PLATES, ELECTRICAL RACEWAYS, CIRCUIT BREAKER PANEL AND WIRING. ELECTRICAL DIVISION TO MAKE FINAL CONNECTION.
6. ADDITIONAL CONVENIENCE RECEPTACLES, TELEPHONE AND INTERCOM JACKS AND TEMPERATURE MONITORING SYSTEM ETC., SHALL BE LOCATED AS REQUIRED BY CODE.
7. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL EMPTY CONDUIT WITH JUNCTION BOXES FOR INSTALLATION OF OWNER SUPPLIED I.T. EQUIPMENT INCLUDING POS/ ELECTRONIC CASH CONTROL SYSTEM. ELECTRICAL DIVISION TO VERIFY INSTALLATION IN ACCORDANCE WITH OWNER'S REQUIREMENTS AND MANUFACTURER'S INSTRUCTIONS.

ELECTRICAL SYMBOLS

- DUPLEX RECT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNTED
- SIMPLEX RECT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNTED
- SPECIAL PURPOSE OUTLET, VOLTAGE AS INDICATED, GROUND TYPE, HORIZONTAL MOUNTED
- (J) JUNCTION BOX, HORIZONTAL MOUNTED
- (E) ELECTRICAL CONDUIT, STUB AS INDICATED FOR DIRECT CONNECTION
- FLOOR/CEILING RECEPTACLE AS INDICATED
- SWITCH
- FIXTURE MOUNTED JUNCTION BOX
- FIXTURE MOUNTED RECEPTACLE
- (2) DUPLEX RECT., 120-V, EMPTY JBOX WITH CONDUIT INTERCONNECTING P.O.E. PRE-CHECK & PRINTERS, ADD PHONE LINE
- FIXTURE MOUNTED ELECTRICAL PANEL
- INCANDESCENT LIGHT FIXTURE
- F FLUORESCENT LIGHT FIXTURE
- FIELD WIRING RUNS
- (F) FIRE SUPPRESSION MANUAL PULL STATION EMPTY JBOX WITH 1/2" CONDUIT RUN IN WALL UP THRU CEILING TO ATTIC SPACE

NOTE

ALL WALL MOUNT ELECTRICAL RECEPTACLE AND J-BOXES ARE TO BE FLUSH MOUNTED IN WALLS WITH NO EXPOSED CONDUIT SHOWING ON SURFACE OF WALLS. GC TO PROVIDE MINIMUM WALL FURRING IF REQUIRED.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

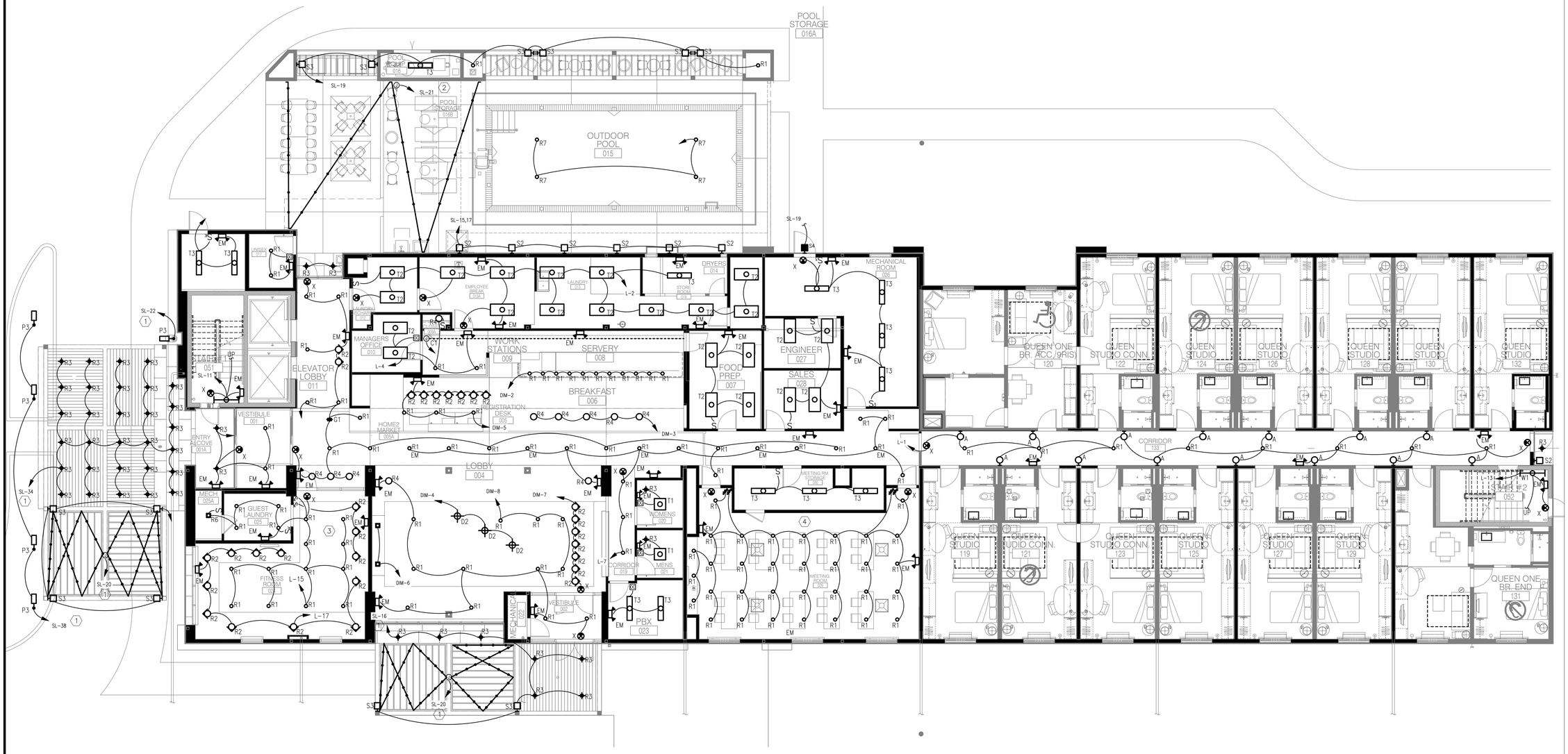
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED FIRST FLOOR PLAN FOOD SERVICE

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E2.09



1 E3.01 FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. CONNECT ALL EXIT AND EMERGENCY FIXTURES TO UNSWITCHED LEG OF NEAREST LIGHTING CIRCUIT AS SHOWN.
2. PROVIDE DIMMING PANEL FOR LOBBY LIGHTING CIRCUITS AS SHOWN AS SIZED AS REQUIRED. ALL LOBBY FIXTURES SHALL BE DIMMABLE AND FED VIA DIMMER PANEL.

KEY NOTES:

APPLY THIS SHEET ONLY

1. ROUTE ALL EXTERIOR LIGHTING CIRCUITS VIA TIME CLOCK AND PHOTOCELL.
2. LOBBY CIRCUITS ARE CONTROLLED FOR EITHER DUSK TO DAWN OR DAWN TO DUSK.
3. LIGHTING IN FITNESS CENTER TO BE CONTROLLED BY KEYLOCK SWITCH.
4. LIGHTING IN MEETING ROOM SHALL BE DIMMABLE AND WIRED ON TWO ZONES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

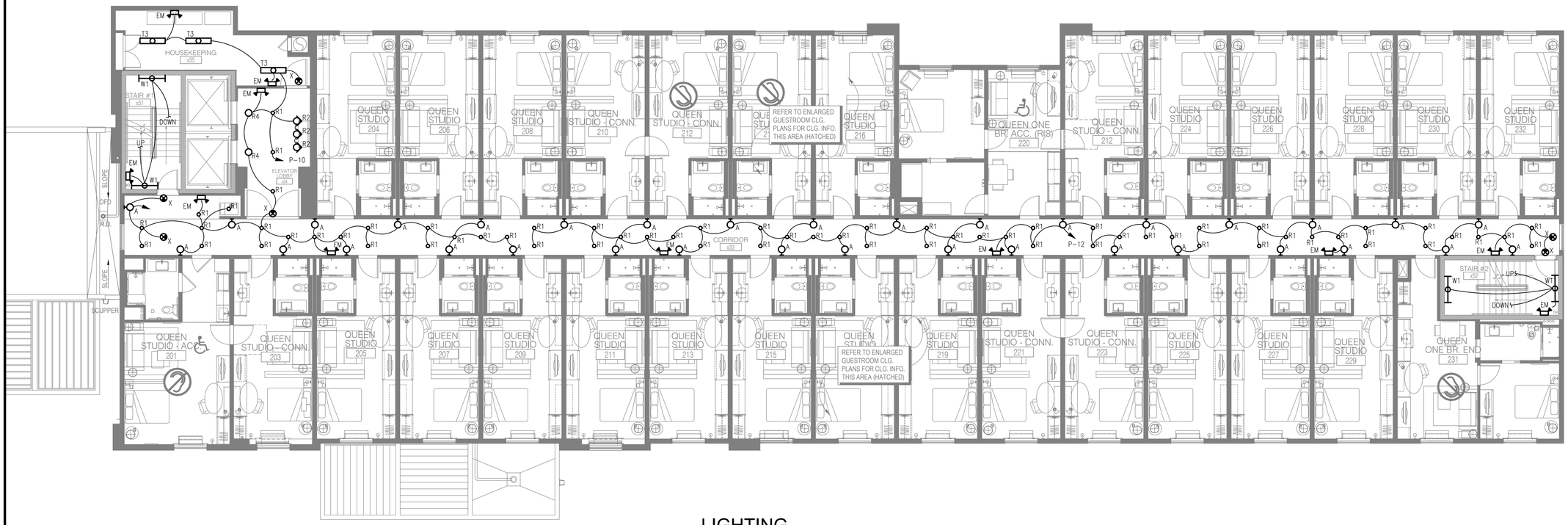
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
LIGHTING
FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

E3.01



1
E3.02

LIGHTING
SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL TWIN HEAD FIXTURES AND EXIT SIGNS TO BE CONNECTED TO UNSWITCHED ROOM CIRCUIT.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) NOT USED

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761
GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS / DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
LIGHTING
SECOND FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

E3.02



1 E3.03

LIGHTING THIRD FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL TWIN HEAD FIXTURES AND EXIT SIGNS TO BE CONNECTED TO UNSWITCHED ROOM CIRCUIT.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) NOT USED

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

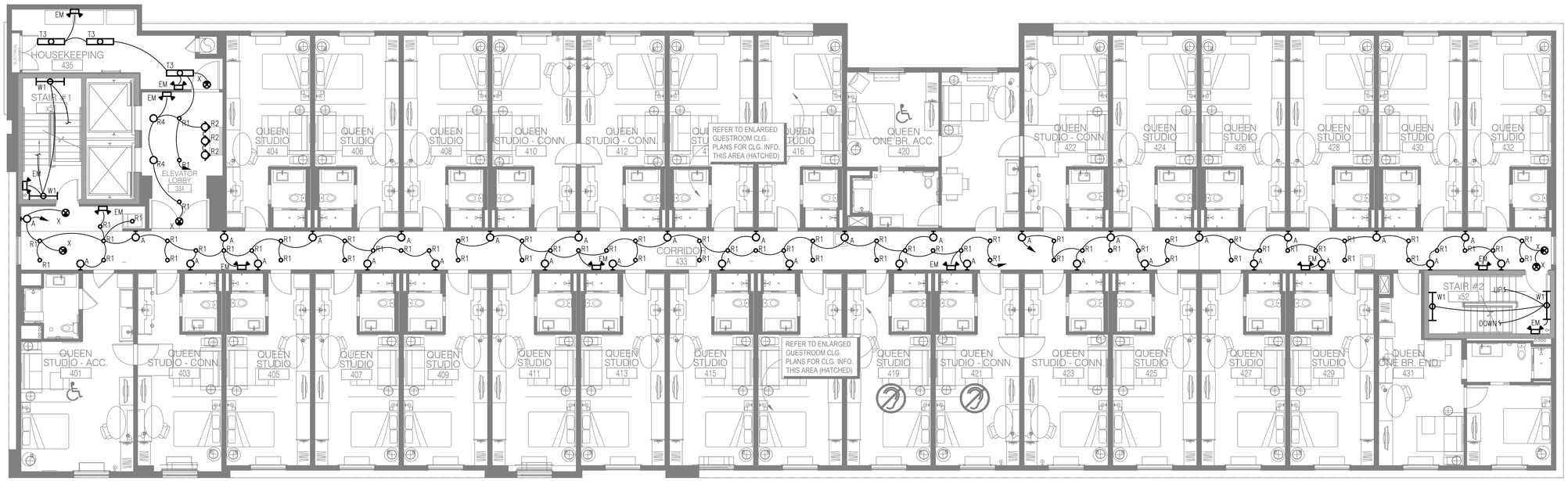
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
LIGHTING THIRD FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
E3.03



1 E3.04

LIGHTING FOURTH FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

1. ALL TWIN HEAD FIXTURES AND EXIT SIGNS TO BE CONNECTED TO UNSWITCHED ROOM CIRCUIT.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) NOT USED

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761
GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

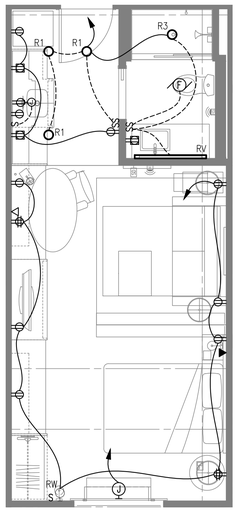
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
LIGHTING FOURTH FLOOR PLAN

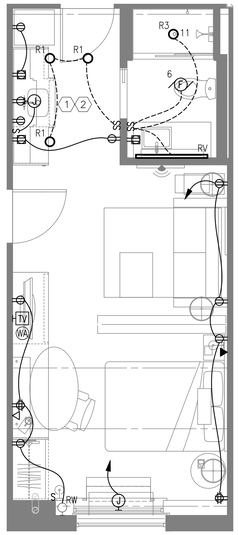
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

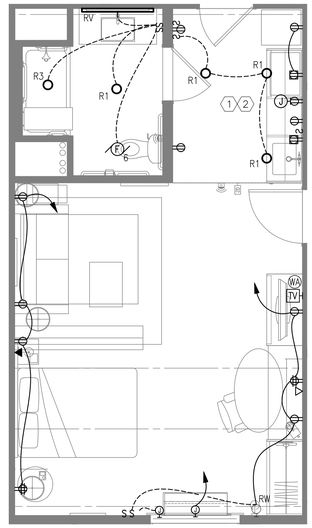
E3.04



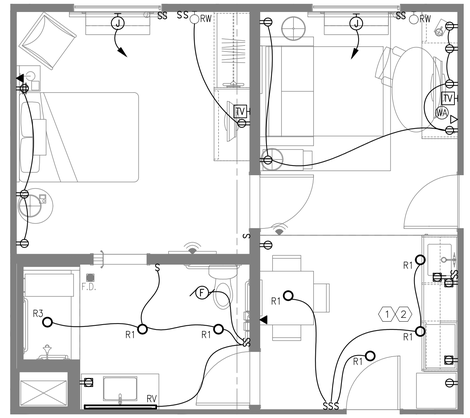
1 E4.01 — ENLARGED QUEEN STUDIO
SCALE: 1/4" = 1'-0"



2 E4.01 — ENLARGED QUEEN STUDIO CONN.
SCALE: 1/4" = 1'-0"



3 E4.01 — ENLARGED QUEEN STUDIO ACC.
SCALE: 1/4" = 1'-0"



4 E4.01 — ENLARGED QUEEN ONE BEDROOM ACC.
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

APPLY TO THIS SHEET ONLY

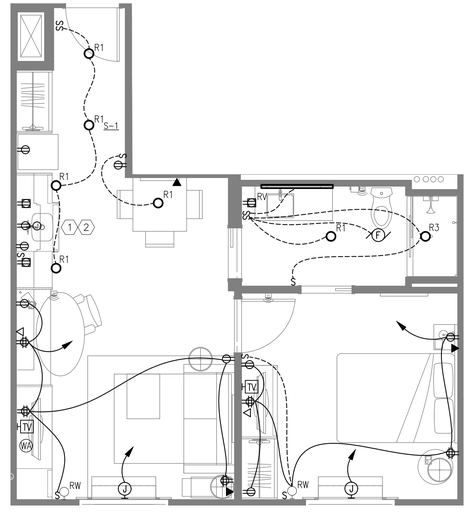
1. ELECTRICAL OUTLET LOCATIONS, INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE OFFSET SUCH THAT DEVICE OUTLETS IN SAME WALL CAVITY OF ADJACENT ROOMS ARE NOT BACK TO BACK.
2. SEE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHT OF ALL LIGHT SWITCHES, RECEPTACLES, GFCI RECEPTACLES, AND LIGHTS.
3. WHERE LIGHT SWITCH AND G.F.C.I. OUTLET ARE LOCATED ADJACENT TO EACH OTHER, THEY SHALL BE MOUNTED IN A COMMON 4X4 BOX WITH COVER PLATE.
4. HEIGHT OF ALL SWITCHES, OUTLETS, ETC., TO MEET A.D.A. REQUIREMENTS AND/OR LOCAL CODES.
5. ELECTRICAL OUTLETS AT DESKS ARE TO BE COORDINATED WITH HILTON STANDARDS. DEPENDING ON FF&E PROVIDED, CERTAIN OUTLETS MAY NOT BE REQUIRED.
6. ALL LIGHTS IN BATHROOMS TO BE ON SINGLE ON/OFF SWITCH.
7. ALL LAMPS IN THE GUESTROOM FIXTURES TO BE 3000°K (WARM WHITE).
8. HEARING IMPAIRED DESIGNATED ROOMS SHALL BE EQUIPPED WITH DEVICES SUCH AS FIRE ALARM STROBES, SMOKE DETECTOR STROBES AND DOOR BUZZER STROBES AS REQUIRED BY ADS.

KEY NOTES:

APPLY THIS SHEET ONLY

(1) JUNCTION BOX MOUNTED BELOW SINK FOR DISPOSAL CONNECTION. WIRED TO SWITCH MOUNTED ABOVE COUNTER. RECEPTACLE MOUNTED ABOVE FOR MICROWAVE CONNECTION. MOUNT RECEPTACLE HORIZONTAL. COORDINATE WITH ARCHITECTURAL PLANS AND DETAILS FOR EXACT MOUNTING HEIGHTS.

(2) SEE PANEL SCHEDULES (DWG. E5.02 – E5.07) FOR CIRCUITS IN GUEST ROOMS. COORDINATE WITH ARCHITECTURAL PLANS FOR DEVICE LOCATIONS.
TYPICAL ALL GUEST ROOMS SHALL INCLUDE:
DUPLEX – REFRIGERATOR
DUPLEX – MICROWAVE
DUPLEX/JUNCTION BOX WITH SWITCH – DISPOSAL
DUPLEX/JUNCTION BOX – DISHWASHER
2 DUPLEX (ABOVE COUNTER) – CONVENIENCE OUTLET



5 E4.01 — ENLARGED QUEEN ONE BEDROOM END
SCALE: 1/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-9316

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

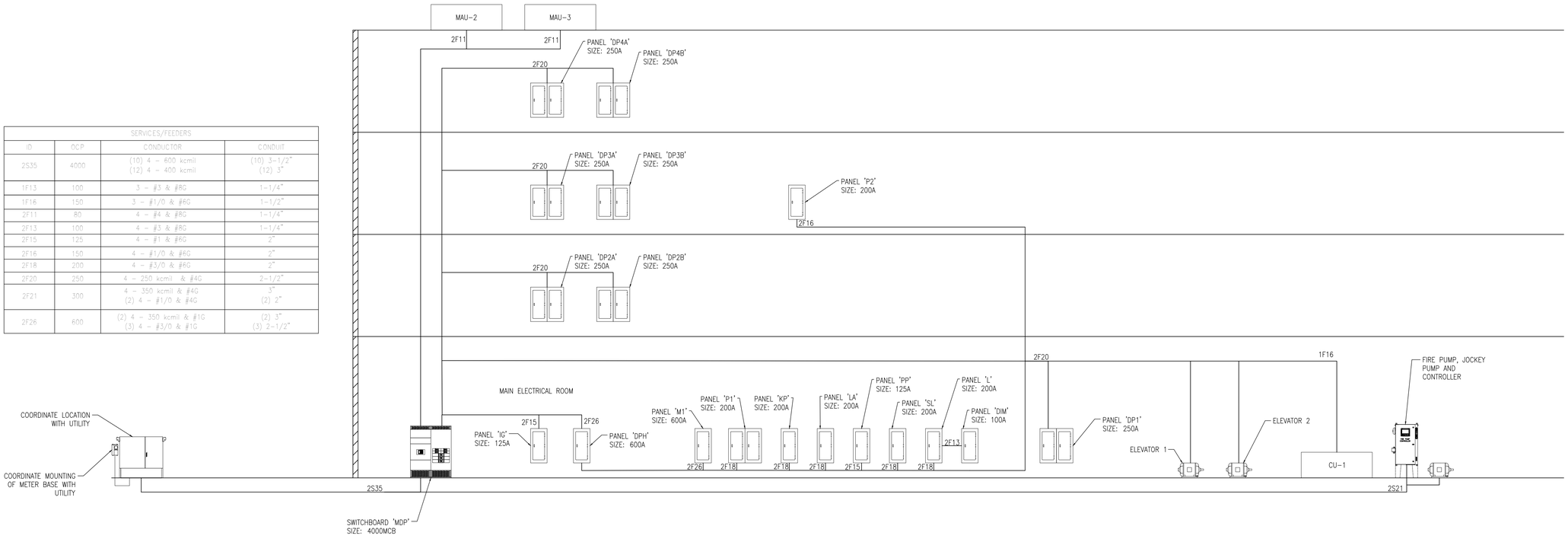
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
ENLARGED GUEST ROOM PLANS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
E4.01

SERVICES/FEEDERS			
ID	OCP	CONDUCTOR	CONDUIT
2S35	4000	(10) 4 – 600 kcmil (12) 4 – 400 kcmil	(10) 3-1/2" (12) 3"
1F13	100	3 – #3 & #8G	1-1/4"
1F16	150	3 – #1/0 & #6G	1-1/2"
2F11	80	4 – #4 & #8G	1-1/4"
2F13	100	4 – #3 & #8G	1-1/4"
2F15	125	4 – #1 & #6G	2"
2F16	150	4 – #1/0 & #6G	2"
2F18	200	4 – #3/0 & #6G	2"
2F20	250	4 – 250 kcmil & #4G	2-1/2"
2F21	300	4 – 350 kcmil & #4G (2) 4 – #1/0 & #4G	3" (2) 2"
2F26	600	(2) 4 – 350 kcmil & #1G (3) 4 – #3/0 & #1G	(2) 3" (3) 2-1/2"



1 E5.01 RISER DIAGRAM
SCALE: N.T.S.

GENERAL NOTES:
APPLY TO THIS SHEET ONLY

1. ALL PANELS ARE RATED 208/120V, 3ϕ, 4W (WITH THE EXCEPTION OF GUEST ROOM PANELS)
2. SEE DRAWING E5.02-07 FOR PANEL SCHEDULES.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-8316

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
RISER DIAGRAM

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.01

SWITCHBOARD 'MSB'

MAIN: 4000 | VOLTAGE: 208/120 | 3 PHASE | 4 WIRE | FAULT DUTY: 65kA

Seq	DESCRIPTION	FRAME	TRIP	POLE	MISC	HEAT	A/C	MTR	RECT	LTG	-	Load Totals (Kva)
1	TVSS		30	3								0.0
2	Panel 'M1'		600	3		3.0	126.0	0.5	0.3			129.8
3	Panel 'DP1'		250	3					1.4			1.4
4	Panel 'DP2A'		250	3			45.0		81.0	8.0		134.0
5	Panel 'DP2B'		250	3			32.5		70.7	6.5		109.7
6	Panel 'DP3A'		250	3			45.0		81.0	8.0		134.0
7	Panel 'DP3B'		250	3			32.5		70.7	6.5		109.7
8	Panel 'DP4A'		250	3			45.0		81.0	8.0		134.0
9	Panel 'DP4B'		250	3			32.5		70.7	6.5		109.7
10	Panel 'IG'		125	3					11.3			11.3
11	Panel 'DPH'		600	3		4.0		0.2	111.0	48.1		163.3
12	CU-1		150	3				50.6				50.6
13	MUA-2		80	3			23.4					23.4
14	MUA-3		80	3			23.4					23.4
15	Elevator 1 (w/shunt trip)		200	3				21.0				21.0
16	Elevator 2 (w/shunt trip)		200	3				21.0				21.0
												0.0
												Total Kva
			Category Total		0.0	7.0	405.3	93.3	579.2	91.6	0.0	**1176.4**
			Code Demand		100%	100%	100%	125%	100%	100%	100%	Demand Kva
			Subtotals		0.0	7.0	405.3	106.0	579.2	91.6	0.0	**1189.0**
NOTES:												Min Amps
												3300.4

PANEL 'DPH'

VOLTAGE: 208Y/120V | 3 PHASE, 4 WIRE | AMPS: 600 MLO | TOTAL LOAD: 163.3 KVA | MOUNTING: SURFACE | AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	PANEL 'L'	2.70	0.00	0.00	0.00	0.00	0.00			15.88					0.00	0.00	0.00	0.00	13.18	0.00		2
3		2.70	0.00	0.00	0.00	0.00	0.00	100	3		15.88		3	200	0.00	0.00	0.00	0.00	13.18	0.00	PANEL 'P1'	4
5		2.70	0.00	0.00	0.00	0.00	0.00					15.88			0.00	0.00	0.00	0.00	13.18	0.00		6
7	PANEL 'LA'	0.00	10.00	0.00	0.00	0.00	0.00			13.03					0.00	0.00	0.00	0.00	0.33	2.70		8
9		0.00	10.00	0.00	0.00	0.00	0.00	150	3		13.03		3	150	0.00	0.00	0.00	0.00	0.33	2.70	PANEL 'P2'	10
11		0.00	10.00	0.00	0.00	0.00	0.00					13.03			0.00	0.00	0.00	0.00	0.33	2.70		12
13	PANEL 'PP'	0.27	0.80	0.07	0.00	1.33	0.00			15.15					0.00	0.00	0.00	0.00	12.68	0.00		14
15		0.27	0.80	0.07	0.00	1.33	0.00	150	3		15.15		3	150	0.00	0.00	0.00	0.00	12.68	0.00	PANEL 'KP'	16
17		0.27	0.80	0.07	0.00	1.33	0.00					15.15			0.00	0.00	0.00	0.00	12.68	0.00		18
19	PANEL 'SL'	10.37	0.00	0.00	0.00	0.00	0.00	20	1	10.37			1	20								20
21		10.37	0.00	0.00	0.00	0.00	0.00	20	1		10.37		1	20								22
23		10.37	0.00	0.00	0.00	0.00	0.00	20	1			10.37	1	20								24
25								20	1	0.00			1	20								26
27								20	1		0.00		1	20								28
29								20	1			0.00	1	20								30
31								20	1	0.00			1	20								32
33								20	1		0.00		1	20								34
35								20	1			0.00	1	20								36
37								20	1	0.00			1	20								38
39								20	1		0.00		1	20								40
41								20	1			0.00	1	20								42
										54.43	54.43	54.43			0.00	4.00	0.00	0.20	110.99	48.10	CONNECTED KVA 163.29	

PANEL 'P1'

VOLTAGE: 208Y/120V | 3 PHASE, 4 WIRE | AMPS: 200 MLO | TOTAL LOAD: 32.0 KVA | MOUNTING: SURFACE | AIC RATING: 10,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	SPARE							20	1	0.50			1	20					0.50		RECEPTS-BREAK ROOM	2
3	RECEPTS-LAUNDRY		0.54					20	1		1.04		1	20					0.50		RECEPTS-BREAK ROOM	4
5	RECEPTS-MGR OFFICE		0.72					20	1			1.72	1	20*					1.00		RECEPTS-BK RM REF.	6
7	RECEPTS-ELEV LOBBY		0.72					20	1	1.62			1	20					0.90		RECEPTS-ENGINEER	8
9	SPARE							20	1		0.00		1	20							SPARE	10
11	RECEPTS-LAUNDRY		0.36					20	1			0.36	1	20							SPARE	12
13	RECEPTS -TREADMILL		1.00					20	1	1.18			1	20					0.18		RECEPT-RESTROOM	14
15	RECEPTS-TREADMILL		1.00					20	1		1.00		1	20							RECEPTS-BACKFLOW HTR	16
17	RECEPTS-FITNESS		1.20					20	1			1.20	1	20							RECEPTS-BACKFLOW HTR	18
19	RECEPTS-FITNESS		0.72					20	1	1.26			1	20					0.54		RECEPTS-BATHROOM	20
21	RECEPTS-LOBBY		0.54					20	1		1.08		1	20					0.54		RECEPTS-LOBBY/FITNESS	22
23	RECEPTS-LOBBY		0.36					20	1			0.36	1	20							RECEPTS-AUTO DOOR	24
25	RECEPTS-LOBBY		1.08					20	1	1.08			1	20							RECEPTS-AUTO DOOR	26
27	RECEPTS-LOBBY		1.08					20	1		2.58		1	20*					1.50		RECEPT-REFRIGERATOR	28
29	RECEPTS-LOBBY		1.08					20	1			2.58	1	20*					1.50		RECEPT-FREEZER	30
31	RECEPTS-ENGINEER		0.75					20	2	2.25			1	20*					1.50		RECEPT-WASHER	32
33			0.75								2.25		1	20*					1.50		RECEPT-WASHER	34
35	RECEPTS-MECH ROOM		0.54					20	1			2.29	2	30					1.75		RECEPT-DRYER	36
37	RECEPTS-ICE MACHINE		0.80					20*	1	2.55									1.75			38
39	RECEPTS-CORRIDOR		0.72					20	1		2.47		2	30					1.75		RECEPT-DRYER	40
41	RECEPTS-CORR/RESTROOM		0.90					20	1			2.65							1.75			42
	CIRCUIT BREAKERS WITH ' * ' ARE GFCI TYPE									10.44	10.42	11.16			0.00	0.00	0.00	0.00	32.02	0.00	CONNECTED KVA 32.02	S1
										13.86	12.58	13.10			0.00	0.00	0.00	0.00	7.52	0.00	CONNECTED KVA 7.52	S2

PANEL 'P1' (SECTION 2)

VOLTAGE: 208Y/120V | 3 PHASE, 4 WIRE | AMPS: 200 MLO | TOTAL LOAD: 7.5 KVA | MOUNTING: SURFACE | AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
43	RECEPT -LOBBY		1.08					20	1	1.08			1	20							SPARE	44
45	SPARE							20	1		0.00		1	20							SPARE	46
47	RECEPT-MEETING ROOM		0.72					20	1			0.72	1	20							SPARE	48
49	RECEPT-MEETING ROOM		0.36					20	1	1.08			1	20					0.72		RECEPT-MEETING ROOM	50
51	RECEPT-MEETING ROOM		0.72					30	1		1.44		1	20					0.72		RECEPT-MEETING ROOM	52
53	RECEPT-MEETING ROOM		0.72					30	1			0.72	1	20							SPARE	54
55	RECEPT-MEETING ROOM		0.72					20	1	0.72			1	20							SPARE	56
57	SPARE							20	1		0.00		1	20							SPARE	58
59	SPARE							20	1			0.00	1	20							SPARE	60
61	RECEPTS-MECH ROOM		0.54					20	1	0.54			1	20							SPARE	62
63	RECEPTS-STORE ROOM		0.72					20	1		0.72		1	-							SPACE	64
65	RECEPTS-BREAK RM		0.50					20	1			0.50	1	-							SPACE	66
67	CARD READERS							20	1	0.00			1	-							SPACE	68
69	SPACE							-	1		0.00		1	-							SPACE	70
71	SPACE							-	1			0.00	1	-							SPACE	72
										3.42	2.16	1.94			0.00	0.00	0.00	0.00	7.52	0.00	CONNECTED KVA 7.52	

PANEL 'P2'

VOLTAGE: 208Y/120V | 3 PHASE, 4 WIRE | AMPS: 200 MLO | TOTAL LOAD: 9.1 KVA | MOUNTING: SURFACE | AIC RATING: 10,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	RECEPTS-ROOF	0.60						20	1	1.60			1	20						1.00	RECEPTS-2ND FLOOR	2
3	ELEVATOR RELIEF LVR	0.50						20	1		1.60		1	20						1.10	RECEPTS-2ND FLOOR	4
5	ELEAVTOR RELEIF LVR							20	1			0.50	1	20					0.50		RECEPT-2ND FL ICE MACHINE	6
7	4TH FLOOR FANS	0.30						20	1	0.80			1	20					0.50		RECEPT-2ND FL ICE MACHINE	8
9	RECEPTS-4TH FLOOR	1.40						20	1		1.40		1	20							LIGHTS-2ND FLOOR	10
11	RECEPTS-4TH FLOOR	0.20						20	1			0.20	1	20							LIGHTS-2ND FLOOR	12
13	RECEPT-4TH FL ICE MACHINE	0.20						20	1	0.20			1	20							LIGHTS-3RD FLOOR	14
15	RECEPT-4TH FL ICE MACHINE	0.60						20	1		1.60		1	20						1.00	LIGHTS-3RD FLOOR	16
17	RECEPTS-3RD FLOOR	0.80						20	1			0.80	1	20							LIGHTS-4TH FLOOR	18
19	RECEPTS-3RD FLOOR							20	1	0.00			1	20							LIGHTS-4TH FLOOR	20
21	RECEPT-3RD FL ICE MACHINE							20	1		0.40		1	20						0.40	SPARE	22
23	RECEPT-3RD FL ICE MACHINE							20	1			0.00	1	20							SPARE	24
25	SPARE							20	1	0.00			1	20							SPARE	26
27	SPARE							20	1		0.00		1	20							SPARE	28
29	3RD FLOOR FANS							20	1			0.00	1	20							SPARE	30
31	3RD FLOOR FANS							20	1	0.00			1	20							SPARE	32
33	4TH FLOOR VENDING							20	1		0.00		1	20							REC/LIGHTS-ELEVATOR	34
35	3RD FLOOR VENDING							20	1			0.00	1	20							REC/LIGHTS-ELEVATOR	36
37	2ND FLOOR VENDING							20	1	0.00			1	20							SPARE	38
39	ELEVATOR LTS/CONTROL							20	1		0.00		1	20							SPARE	40
41	ELEVATOR LTS/CONTROL							20	1			0.00	1	20							SPARE	42
										2.60	5.00	1.50			0.00	0.00	0.00	0.00	1.00	8.10	CONNECTED KVA 9.1	

PANEL 'L'

VOLTAGE: 208Y/120V | 3 PHASE, 4 WIRE | AMPS: 200 MLO | TOTAL LOAD: 8.1 KVA | MOUNTING: SURFACE | AIC RATING: 10,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	LIGHTS - 1ST FLOOR COORIDOR	0.60						20	1	1.60			1	20						1.00	LIGHTS - LAUNDRY	2
3	LIGHTS - 1ST FLOOR COORIDOR	0.50						20	1		1.60		1	20						1.10	LIGHTS - OFFICE/COVE/STOR	4
5	SPARE							20	1			0.00	1	20							SPARE	6
7	LIGHTS - BATHROOM/VESTIBULE	0.30						20	1	0.30			1	20							SPARE	8
9	LIGHTS - PANTRY/STORAGE/MECH	1.40						20	1		1.40		1	20							SPARE	10
11	LIGHTS - STAIRS	0.20						20	1			0.20	2	20							SPARE	12
13	LIGHTS - STAIRS	0.20						20	1	0.20											SPARE	14
15	LIGHTS - FITNESS	0.60						20	1		1.60		1	20						1.00	LIGHTS - EMERGENCY	16
17	LIGHTS - FITNESS	0.80						20	1			0.80	1	20							SPARE	18
19	SPARE							20	1	0.00			1	20							SPARE	20
21	SPARE							-	1		0.40		1	20						0.40	LTS - UNDERCABINET	22
23	SPACE							-	1			0.00	1	-							SPACE	24
25	SPACE							-	1	0.00			1	-							SPACE	26
27	SPACE							-	1		0.00		1	-							SPACE	28
29	SPACE							-	1			0.00	1	-							SPACE	30
31	SPACE							-	1	0.00			1	-							SPACE	32
33	SPACE							-	1		0.00		1	-							SPACE	34
35	SPACE							-	1			0.00	1	-							SPACE	36
37	SPACE							-	1	0.00												38
39	SPACE							-	1		0.00		3	100							PANEL 'DIM'	40
41	SPACE							-	1			0.00										42
										2.10	5.00	1.00			0.00	0.00	0.00	0.00	0.00	8.10	CONNECTED KVA 8.1	

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PANEL SCHEDULES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.02

PANEL 'LA'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE | AMPS: 200 MCB TOTAL LOAD: 30.0 KVA | MOUNTING: SURFACE AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1			2.00							4.00									2.00			2
3	RECEPT - LAUNDRY/WASHER		2.00					30	3		4.00		3	30					2.00		RECEPT - LAUNDRY/DRYER	4
5			2.00									4.00							2.00			6
7			2.00							4.00									2.00			8
9	RECEPT - LAUNDRY/WASHER		2.00					30	3		4.00		3	30					2.00		RECEPT - LAUNDRY/DRYER	10
11			2.00									4.00							2.00			12
13	SPARE							20	1	2.00									2.00			14
15	SPARE							20	1		2.00		3	30					2.00		RECEPT - LAUNDRY/DRYER	16
17	SPARE							20	1			2.00							2.00			18
19	SPARE							20	1	0.00			1	-							SPACE	20
21	SPACE							-	1		0.00		1	-							SPACE	22
23	SPACE							-	1			0.00	1	-							SPACE	24
										10.00	10.00	10.00			0.00	0.00	0.00	0.00	30.00	0.00	CONNECTED KVA 30	

PANEL 'PP'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE | AMPS: 125 MLO TOTAL LOAD: 7.4 KVA | MOUNTING: SURFACE AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	LIGHTS - POOL EQUIP/MECH	0.80						20	1	0.80			1	20							SPARE	2
3	RECEPTS - POOL DECK		1.20					20	1		1.20		1	20							SPARE	4
5	EXHAUST FAN			0.20				20	1			0.20	1	20							SPARE	6
7	RECEPTS - POOL DECK/VEST.		1.20					20	1	1.20			1	20							SPARE	8
9	WALL HEATER					2.00		20	2		2.00		1	20							SPARE	10
11						2.00						2.00	1	20							SPARE	12
13	SPACE							-	1	0.00			1	-							SPACE	14
15	SPACE							-	1		0.00		1	-							SPACE	16
17	SPACE							-	1			0.00	1	-							SPACE	18
										2.00	3.20	2.20			0.00	4.00	0.00	0.20	2.40	0.80	CONNECTED KVA 7.4	

PANEL 'KP'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE | AMPS: 200 MLO TOTAL LOAD: 38.1 KVA | MOUNTING: SURFACE AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	RECEPT-SERVERY/WARM DPLY		1.75					20	1	2.11			1	20					0.36		RECEPT-BREAKFAST TABLE	2
3	RECEPT-SERVERY/WAFFLE		1.30					20	1		1.30		1	20							SPARE	4
5	RECEPT-SERVERY/WAFFLE		-					20	1			1.00	1	20					1.00		RECEPT-SERVERY	6
7	RECEPT-SERVERY/TOASTER		1.70					20	1	5.50			2	50					3.80		RECEPT-COFFEE	8
9	SPARE							30	1		3.80								3.80		MACHINE	10
11	SPARE							30	1			4.20							4.20			12
13	RECEPT-U/C REFRIGERATOR		0.50					20	1	4.70			3	50*					4.20		RECEPT-DISHWASHER	14
15	SPARE							20	1		4.20								4.20			16
17	RECEPT-JUICE DISPENSER		0.50					20*	1			0.68	1	20					0.18		RECEPT-PANTRY	18
19	RECEPT-REFRIGERATOR		0.60					20*	1	1.40			1	20					0.80		RECEPT-THERMALIZER	20
21	RECEPT-FREEZER		1.20					20*	1		5.00		2	20					3.80		CONVECTION OVEN	22
23	RECEPT-PANTRY		0.36					20	1			4.16							3.80			24
25	SPACE							20	1	0.00			1	-							SPACE	26
27	SPACE							-	1		0.00		1	-							SPACE	28
29	SPACE							-	1			0.00	1	-							SPACE	30
	CIRCUIT BREAKERS WITH ' * ' ARE GFCI TYPE									13.71	14.30	10.04			0.00	0.00	0.00	0.00	38.05	0.00	CONNECTED KVA 38.05	

PANEL 'SL'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE | AMPS: 200 MLO TOTAL LOAD: 31.1 KVA | MOUNTING: SURFACE AIC RATING: 10,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	BUILDING SIGN	1.00						20	1	2.00			1	20						1.00	BUILDING SIGN	2
3	BUILDING SIGN	1.00						20	1		2.00		1	20						1.00	BUILDING SIGN	4
5	BUILDING SIGN	1.00						20	1			2.00	1	20						1.00	BUILDING SIGN	6
7	BUILDING SIGN	1.00						20	1	2.00			1	20						1.00	BUILDING SIGN	8
9	BUILDING SIGN	1.00						20	1		2.00		1	20						1.00	BUILDING SIGN	10
11	BUILDING SIGN	1.00						20	1			2.00	1	20						1.00	BUILDING SIGN	12
13	TOWER UPLIGHTS	0.50						20	1	1.50			1	20						1.00	LIGHTS-CANOPY	14
15	LIGHTS-POOL	0.80						20	1		2.30		1	20						1.50	LIGHTS-CANOPY	16
17	LIGHTS-POOL	0.80						20	1			1.80	1	20						1.00	LIGHTS-CANOPY/SIGN	18
19	LIGHTS-POOL TRELLIS	1.00						20	1	2.00			1	20						1.00	EXTERIOR ROPE LIGHTS	20
21	EXTERIOR ROPE LIGHTS	1.00						20	1		1.80		1	20						0.80	BUILDING UPLIGHTS	22
23	LIGHTS EXTERIOR	1.00						20	1			1.50	1	20						0.50	LIGHTS-POOL	24
25	MONUMENT SIGN	0.50						20	1	1.20			2	20						0.70	LIGHTS-SITE	26
27	MONUMENT SIGN	0.50						20	1		1.20									0.70		28
29	SPARE							20	1			0.70								0.70	LIGHTS-SITE	30
31	LIGHTS-LANDSCAPE	0.50						20	1	1.20										0.70		32
33	LIGHTS-LANDSCAPE	0.50						20	1		1.50		1	20						1.00	EXTERIOR LIGHTS	34
35	SPARE							20	1			0.00	1	20							SPARE	36
37	SPARE							20	1	0.80			1	20						0.80	BUILDING UPLIGHTS/FLAG	38
39	SPARE							20	1		0.80		1	20						0.80	LIGHTS-BOLLARD	40
41	SPARE							20	1			0.80	1	20						0.80	LIGHTS-BOLLARD	42
										10.70	11.60	8.80			0.00	0.00	0.00	0.00	0.00	31.10	CONNECTED KVA 31.1	

PANEL 'M1'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE | AMPS: 600 MLO TOTAL LOAD: 129.8 KVA | MOUNTING: SURFACE AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	HP-1				3.35			50	2	11.35			2	60			8.00				AHU-1	2
3					3.35						11.35						8.00					4
5	HP-2				3.35			50	2			11.35	2	60			8.00				AHU-2	6
7					3.35					11.35							8.00					8
9	HP-3				3.35			50	2		11.35		2	60			8.00				AHU-3	10
11					3.35							11.35					8.00					12
13	HP-4				3.35			50	2	11.35			2	60			8.00				AHU-4	14
15					3.35						11.35						8.00					16
17	HP-5				3.35			50	2			11.35	2	60			8.00				AHU-5	18
19					3.35					11.35							8.00					20
21	SPARE							20	3		1.25		2	20			1.25				OU-1	22
23												1.25					1.25					24
25	SPARE							20	3	1.00			2	80			1.00				UH-1	26
27											1.00						1.00					28
29	SPARE							20	3			2.67	3	25			2.67				MUA-1	30
31										2.67							2.67					32
33	SPARE							20	3		2.67						2.67					34
35												0.30	1	20							REC/LIGHTS-ELEVATOR SFT	36
37	SPARE							20	3	1.00			2	20			1.00				UH-1	38
39	WH					0.50		20	1		1.50		1	20			1.00					40
41	WH					0.50		20	1			1.00	1	20				0.50			SP-1	42
										50.07	40.47	39.27			0.00	3.00	126.01	0.50	0.30	0.00	CONNECTED KVA 129.81	

PANEL 'IG'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE | AMPS: 125 MLO TOTAL LOAD: 11.3 KVA | MOUNTING: SURFACE AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	RECEPT-PBX/TELE		0.40					20	1	0.80			1	20					0.40		RECEPT - 4TH FL. CATV	2
3	RECEPT-PBX/TELE		0.40					20	1		0.80		1	20					0.40		RECEPT - 4TH FL. TELE	4
5	RECEPT-PBX/TELE		0.40					20	1			0.80	1	20					0.40		RECEPT - 3RD FL. CATV	6
7	RECEPT-PBX/MATV		0.40					20	1	0.80			1	20					0.40		RECEPT - 3RD FL. TELE	8
9	RECEPT-PBX/MATV		0.40					20	1		0.80		1	20					0.40		RECEPT - 2ND FL. CATV	10
11	RECEPT-PBX/ONQ		0.40					20	1			0.80	1	20					0.40		RECEPT - 2ND FL. TELE	12
13	RECEPT-PBX/ONQ		0.40					20	1	0.40			1	20							SPARE	14
15	RECEPT-PBX/TELE		0.40					20	1		0.40		1	20							SPARE	16
17	SPARE							20	1			0.70	1	20					0.70		RECEPTS - REGISTRATION	18
19	SPARE							20	1	0.70			1	20					0.70		RECEPTS - REGISTRATION	20
21	SPARE							20	1		0.80		1	20					0.80		RECEPTS - WORKSTATIONS	22
23	SPARE							20	1			1.08	1	20					1.08		RECEPTS - SALES	24
25										0.40			1	20					0.40		RECEPTS - MGRS OFFICE	26
27	TVSS							30	3		1.00		1	20					1.00		FIRE ALARM PANEL	28
29												1.00	1	20					1.00		FIRE ALARM PANEL	30
										3.10	3.80	4.38			0.00	0.00	0.00	0.00	11.28	0.00	CONNECTED KVA 11.28	

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PANEL SCHEDULES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.03

PANEL 'DP1A'

VOLTAGE: 208Y/120V — AMPS: 250 MLO — MOUNTING: SURFACE
3 PHASE, 4 WIRE — TOTAL LOAD: 109.7 KVA — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 119 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 123 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 119 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 123 LIGHTS	6
7	ROOM 119 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 123 RECEPTS	8
9	ROOM 119 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 123 DISPOSAL	10
11	ROOM 119 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 123 MICROWAVE	12
13	ROOM 119 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 123 DISHWASHER	14
15	ROOM 119 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 123 SMALL APPL.	16
17	ROOM 119 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 123 BATHROOM	18
19	ROOM 120 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 124 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 120 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 124 LIGHTS	24
25	ROOM 120 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 124 RECEPTS	26
27	ROOM 120 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 124 DISPOSAL	28
29	ROOM 120 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 124 MICROWAVE	30
31	ROOM 120 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 124 DISHWASHER	32
33	ROOM 120 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 124 SMALL APPL.	34
35	ROOM 120 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 124 BATHROOM	36
37	ROOM 121 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 125 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 121 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 125 LIGHTS	42
43	ROOM 121 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 125 RECEPTS	44
45	ROOM 121 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 125 DISPOSAL	46
47	ROOM 121 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 125 MICROWAVE	48
49	ROOM 121 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 125 DISHWASHER	50
51	ROOM 121 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 125 SMALL APPL.	52
53	ROOM 121 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 125 BATHROOM	54
55	ROOM 122 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 126 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 122 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 126 LIGHTS	60
61	ROOM 122 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 126 RECEPTS	62
63	ROOM 122 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 126 DISPOSAL	64
65	ROOM 122 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 126 MICROWAVE	66
67	ROOM 122 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 126 DISHWASHER	68
69	ROOM 122 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 126 SMALL APPL.	70
71	ROOM 122 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 126 BATHROOM	72
73	ROOM 127 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 127 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 127 DISHWASHER	76
77	ROOM 127 LIGHTS	0.50						20	1			2.00	1	20					1.50		ROOM 127 SMALL APPL.	78
79	ROOM 127 RECEPTS		1.44					20	1	1.94			1	20					0.50		ROOM 127 BATHROOM	80
81	ROOM 127 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										29.71	28.25	18.00			0.00	0.00	22.50	0.00	48.96	4.50	CONNECTED KVA 75.96	S1
	PROVIDE WITH FEED THROUGH LUGS									42.47	41.25	26.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	S2

PANEL 'DP1A (SECTION 2)'

VOLTAGE: 208Y/129V — AMPS: 250 MLO — MOUNTING: SURFACE
3 PHASE, 4 WIRE — TOTAL LOAD: 67.5 KVA — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 128 PTAC				1.25			15	2				2	15			1.25				ROOM 130 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 128 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 130 LIGHTS	6
7	ROOM 128 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 130 RECEPTS	8
9	ROOM 128 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 130 DISPOSAL	10
11	ROOM 128 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 130 MICROWAVE	12
13	ROOM 128 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 130 DISHWASHER	14
15	ROOM 128 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 130 SMALL APPL.	16
17	ROOM 128 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 130 BATHROOM	18
19	ROOM 129 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 131 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 129 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 131 LIGHTS	24
25	ROOM 129 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 131 RECEPTS	26
27	ROOM 129 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 131 DISPOSAL	28
29	ROOM 129 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 131 MICROWAVE	30
31	ROOM 129 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 131 DISHWASHER	32
33	ROOM 129 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 131 SMALL APPL.	34
35	ROOM 129 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 131 BATHROOM	36
37								20	1	0.00			1	20								38
39								20	1		0.00		1	20								40
41								20	1			0.00	1	20								42
										12.76	13.00	8.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	S1
	PROVIDE WITH FEED THROUGH LUGS									25.52	26.00	16.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	S2

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PANEL SCHEDULES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.04

PANEL 'DP2A'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 134.0 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 201 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 206 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 201 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 206 LIGHTS	6
7	ROOM 201 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 206 RECEPTS	8
9	ROOM 201 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 206 DISPOSAL	10
11	ROOM 201 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 206 MICROWAVE	12
13	ROOM 201 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 206 DISHWASHER	14
15	ROOM 201 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 206 SMALL APPL.	16
17	ROOM 201 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 206 BATHROOM	18
19	ROOM 203 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 207 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 203 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 207 LIGHTS	24
25	ROOM 203 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 207 RECEPTS	26
27	ROOM 203 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 207 DISPOSAL	28
29	ROOM 203 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 207 MICROWAVE	30
31	ROOM 203 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 207 DISHWASHER	32
33	ROOM 203 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 207 SMALL APPL.	34
35	ROOM 203 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 207 BATHROOM	36
37	ROOM 204 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 208 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 204 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 208 LIGHTS	42
43	ROOM 204 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 208 RECEPTS	44
45	ROOM 204 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 208 DISPOSAL	46
47	ROOM 204 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 208 MICROWAVE	48
49	ROOM 204 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 208 DISHWASHER	50
51	ROOM 204 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 208 SMALL APPL.	52
53	ROOM 204 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 208 BATHROOM	54
55	ROOM 205 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 209 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 205 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 209 LIGHTS	60
61	ROOM 205 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 209 RECEPTS	62
63	ROOM 205 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 209 DISPOSAL	64
65	ROOM 205 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 209 MICROWAVE	66
67	ROOM 205 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 209 DISHWASHER	68
69	ROOM 205 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 209 SMALL APPL.	70
71	ROOM 205 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 209 BATHROOM	72
73	ROOM 210 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 210 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 210 DISHWASHER	76
77	ROOM 210 LIGHTS	0.50						20	1			1.50	1	20					1.00		ROOM 210 SMALL APPL.	78
79	ROOM 210 RECEPTS		1.00					20	1	1.50			1	20					0.50		ROOM 210 BATHROOM	80
81	ROOM 210 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										25.75	24.25	17.50			0.00	0.00	22.50	0.00	40.50	3.50	CONNECTED KVA 66.5	S1
	PROVIDE WITH FEED THROUGH LUGS									51.50	48.50	35.00			0.00	0.00	22.50	0.00	40.50	4.50	CONNECTED KVA 67.5	S2

PANEL 'DP2A' (SECTION 2)

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 67.5 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
43	ROOM 211 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 215 PTAC	44
45					1.25						2.50						1.25					46
47	ROOM 211 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 215 LIGHTS	48
49	ROOM 211 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 215 RECEPTS	50
51	ROOM 211 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 215 DISPOSAL	52
53	ROOM 211 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 215 MICROWAVE	54
55	ROOM 211 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 215 DISHWASHER	56
57	ROOM 211 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 215 SMALL APPL.	58
59	ROOM 211 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 215 BATHROOM	60
61	ROOM 212 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 216 PTAC	62
63					1.25						2.50						1.25					64
65	ROOM 212 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 216 LIGHTS	66
67	ROOM 212 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 216 RECEPTS	68
69	ROOM 212 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 216 DISPOSAL	70
71	ROOM 212 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 216 MICROWAVE	72
73	ROOM 212 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 216 DISHWASHER	74
75	ROOM 212 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 216 SMALL APPL.	76
77	ROOM 212 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 216 BATHROOM	78
79	ROOM 213 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 217 PTAC	80
81					1.25						2.50						1.25					82
83	ROOM 213 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 217 LIGHTS	84
85	ROOM 213 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 217 RECEPTS	
87	ROOM 213 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 217 DISPOSAL	
89	ROOM 213 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 217 MICROWAVE	
91	ROOM 213 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 217 DISHWASHER	
93	ROOM 213 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 217 SMALL APPL.	
95	ROOM 213 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 217 BATHROOM	
97	ROOM 214 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 218 PTAC	
99					1.25						2.50						1.25					
101	ROOM 214 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 218 LIGHTS	
103	ROOM 214 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 218 RECEPTS	
105	ROOM 214 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 218 DISPOSAL	
107	ROOM 214 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 218 MICROWAVE	
109	ROOM 214 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 218 DISHWASHER	
111	ROOM 214 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 218 SMALL APPL.	
113	ROOM 214 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 218 BATHROOM	
115	ROOM 219 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 219 MICROWAVE	
117					1.25						1.75		1	20					0.50		ROOM 219 DISHWASHER	
119	ROOM 219 LIGHTS	0.50						20	1			1.50	1	20					1.00		ROOM 219 SMALL APPL.	
121	ROOM 219 RECEPTS		1.00					20	1	1.50			1	20					0.50		ROOM 219 BATHROOM	
123	ROOM 219 DISPOSAL		0.50					20	1		0.50		1	20								
125								20	1			0.00	1	-								
										25.75	24.25	17.50			0.00	0.00	22.50	0.00	40.50	4.50	CONNECTED KVA 67.5	

PANEL 'DP2B'

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 109.7 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 220 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 224 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 220 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 224 LIGHTS	6
7	ROOM 220 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 224 RECEPTS	8
9	ROOM 220 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 224 DISPOSAL	10
11	ROOM 220 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 224 MICROWAVE	12
13	ROOM 220 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 224 DISHWASHER	14
15	ROOM 220 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 224 SMALL APPL.	16
17	ROOM 220 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 224 BATHROOM	18
19	ROOM 221 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 225 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 221 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 225 LIGHTS	24
25	ROOM 221 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 225 RECEPTS	26
27	ROOM 221 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 225 DISPOSAL	28
29	ROOM 221 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 225 MICROWAVE	30
31	ROOM 221 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 225 DISHWASHER	32
33	ROOM 221 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 225 SMALL APPL.	34
35	ROOM 221 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 225 BATHROOM	36
37	ROOM 222 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 226 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 222 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 226 LIGHTS	42
43	ROOM 222 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 226 RECEPTS	44
45	ROOM 222 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 226 DISPOSAL	46
47	ROOM 222 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 226 MICROWAVE	48
49	ROOM 222 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 226 DISHWASHER	50
51	ROOM 222 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 226 SMALL APPL.	52
53	ROOM 222 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 226 BATHROOM	54
55	ROOM 223 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 227 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 223 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 227 LIGHTS	60
61	ROOM 223 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 227 RECEPTS	62
63	ROOM 223 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 227 DISPOSAL	64
65	ROOM 223 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 227 MICROWAVE	66
67	ROOM 223 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 227 DISHWASHER	68
69	ROOM 223 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 227 SMALL APPL.	70
71	ROOM 223 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 227 BATHROOM	72
73	ROOM 228 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 228 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 228 DISHWASHER	76
77	ROOM 228 LIGHTS	0.50						20	1			2.00	1	20					1.50		ROOM 228 SMALL APPL.	78
79	ROOM 228 RECEPTS		1.44					20	1	1.94			1	20					0.50		ROOM 228 BATHROOM	80
81	ROOM 228 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										29.71	28.25	18.00			0.00	0.00	22.50	0.00	48.96	4.50	CONNECTED KVA 75.96	S1
	PROVIDE WITH FEED THROUGH LUGS									42.47	41.25	26.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	S2

PANEL 'DP2B' (SECTION 2)

VOLTAGE: 208Y/120V 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 33.8 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
43	ROOM 229 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 231 PTAC	44
45					1.25						2.50						1.25					46
47	ROOM 229 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 231 LIGHTS	48
49	ROOM 229 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 231 RECEPTS	50
51	ROOM 229 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 231 DISPOSAL	52
53	ROOM 229 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 231 MICROWAVE	54
55	ROOM 229 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 231 DISHWASHER	56
57	ROOM 229 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 231 SMALL APPL.	58
59	ROOM 229 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 231 BATHROOM	60
61	ROOM 230 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 232 PTAC	62
63					1.25						2.50						1.25					64
65	ROOM 230 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 232 LIGHTS	66
67	ROOM 230 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 232 RECEPTS	68
69	ROOM 230 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 232 DISPOSAL	70
71	ROOM 230 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 232 MICROWAVE	72
73	ROOM 230 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 232 DISHWASHER	74
75	ROOM 230 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 232 SMALL APPL.	76
77	ROOM 230 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 232 BATHROOM	78
79								-	1	0.00			1	-								80
81								-	1		0.00		1	-								82
83								-	1			0.00	1	-								84
										12.76	13.00	8.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PANEL SCHEDULES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.05

PANEL 'DP3A'

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 134.0 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 301 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 306 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 301 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 306 LIGHTS	6
7	ROOM 301 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 306 RECEPTS	8
9	ROOM 301 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 306 DISPOSAL	10
11	ROOM 301 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 306 MICROWAVE	12
13	ROOM 301 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 306 DISHWASHER	14
15	ROOM 301 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 306 SMALL APPL.	16
17	ROOM 301 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 306 BATHROOM	18
19	ROOM 303 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 307 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 303 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 307 LIGHTS	24
25	ROOM 303 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 307 RECEPTS	26
27	ROOM 303 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 307 DISPOSAL	28
29	ROOM 303 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 307 MICROWAVE	30
31	ROOM 303 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 307 DISHWASHER	32
33	ROOM 303 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 307 SMALL APPL.	34
35	ROOM 303 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 307 BATHROOM	36
37	ROOM 304 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 308 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 304 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 308 LIGHTS	42
43	ROOM 304 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 308 RECEPTS	44
45	ROOM 304 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 308 DISPOSAL	46
47	ROOM 304 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 308 MICROWAVE	48
49	ROOM 304 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 308 DISHWASHER	50
51	ROOM 304 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 308 SMALL APPL.	52
53	ROOM 304 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 308 BATHROOM	54
55	ROOM 305 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 309 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 305 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 309 LIGHTS	60
61	ROOM 305 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 309 RECEPTS	62
63	ROOM 305 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 309 DISPOSAL	64
65	ROOM 305 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 309 MICROWAVE	66
67	ROOM 305 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 309 DISHWASHER	68
69	ROOM 305 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 309 SMALL APPL.	70
71	ROOM 305 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 309 BATHROOM	72
73	ROOM 310 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 210 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 210 DISHWASHER	76
77	ROOM 310 LIGHTS	0.50						20	1			1.50	1	20					1.00		ROOM 210 SMALL APPL.	78
79	ROOM 310 RECEPTS		1.00					20	1	1.50			1	20					0.50		ROOM 210 BATHROOM	80
81	ROOM 310 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										25.75	24.25	17.50			0.00	0.00	22.50	0.00	40.50	3.50	CONNECTED KVA 66.5	S1
	PROVIDE WITH FEED THROUGH LUGS									51.50	48.50	35.00			0.00	0.00	22.50	0.00	40.50	4.50	CONNECTED KVA 67.5	S2

PANEL 'DP3A' (SECTION 2)

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 67.5 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
43	ROOM 311 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 315 PTAC	44
45					1.25						2.50						1.25					46
47	ROOM 311 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 315 LIGHTS	48
49	ROOM 311 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 315 RECEPTS	50
51	ROOM 311 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 315 DISPOSAL	52
53	ROOM 311 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 315 MICROWAVE	54
55	ROOM 311 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 315 DISHWASHER	56
57	ROOM 311 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 315 SMALL APPL.	58
59	ROOM 311 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 315 BATHROOM	60
61	ROOM 312 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 316 PTAC	62
63					1.25						2.50						1.25					64
65	ROOM 312 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 316 LIGHTS	66
67	ROOM 312 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 316 RECEPTS	68
69	ROOM 312 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 316 DISPOSAL	70
71	ROOM 312 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 316 MICROWAVE	72
73	ROOM 312 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 316 DISHWASHER	74
75	ROOM 312 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 316 SMALL APPL.	76
77	ROOM 312 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 316 BATHROOM	78
79	ROOM 313 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 317 PTAC	80
81					1.25						2.50						1.25					82
83	ROOM 313 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 317 LIGHTS	84
85	ROOM 313 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 317 RECEPTS	
87	ROOM 313 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 317 DISPOSAL	
89	ROOM 313 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 317 MICROWAVE	
91	ROOM 313 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 317 DISHWASHER	
93	ROOM 313 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 317 SMALL APPL.	
95	ROOM 313 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 317 BATHROOM	
97	ROOM 314 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 318 PTAC	
99					1.25						2.50						1.25					
101	ROOM 314 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 318 LIGHTS	
103	ROOM 314 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 318 RECEPTS	
105	ROOM 314 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 318 DISPOSAL	
107	ROOM 314 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 318 MICROWAVE	
109	ROOM 314 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 318 DISHWASHER	
111	ROOM 314 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 318 SMALL APPL.	
113	ROOM 314 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 318 BATHROOM	
115	ROOM 319 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 319 MICROWAVE	
117					1.25						1.75		1	20					0.50		ROOM 319 DISHWASHER	
119	ROOM 319 LIGHTS	0.50						20	1			1.50	1	20					1.00		ROOM 319 SMALL APPL.	
121	ROOM 319 RECEPTS		1.00					20	1	1.50			1	20					0.50		ROOM 319 BATHROOM	
123	ROOM 319 DISPOSAL		0.50					20	1		0.50		1	20								
125								20	1			0.00	1	-								
										25.75	24.25	17.50			0.00	0.00	22.50	0.00	40.50	4.50	CONNECTED KVA 67.5	

PANEL 'DP3B'

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 109.7 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 320 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 324 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 320 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 324 LIGHTS	6
7	ROOM 320 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 324 RECEPTS	8
9	ROOM 320 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 324 DISPOSAL	10
11	ROOM 320 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 324 MICROWAVE	12
13	ROOM 320 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 324 DISHWASHER	14
15	ROOM 320 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 324 SMALL APPL.	16
17	ROOM 320 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 324 BATHROOM	18
19	ROOM 321 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 325 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 321 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 325 LIGHTS	24
25	ROOM 321 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 325 RECEPTS	26
27	ROOM 321 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 325 DISPOSAL	28
29	ROOM 321 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 325 MICROWAVE	30
31	ROOM 321 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 325 DISHWASHER	32
33	ROOM 321 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 325 SMALL APPL.	34
35	ROOM 321 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 325 BATHROOM	36
37	ROOM 322 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 326 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 322 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 326 LIGHTS	42
43	ROOM 322 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 326 RECEPTS	44
45	ROOM 322 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 326 DISPOSAL	46
47	ROOM 322 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 326 MICROWAVE	48
49	ROOM 322 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 326 DISHWASHER	50
51	ROOM 322 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 326 SMALL APPL.	52
53	ROOM 322 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 326 BATHROOM	54
55	ROOM 323 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 327 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 323 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 327 LIGHTS	60
61	ROOM 323 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 327 RECEPTS	62
63	ROOM 323 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 327 DISPOSAL	64
65	ROOM 323 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 327 MICROWAVE	66
67	ROOM 323 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 327 DISHWASHER	68
69	ROOM 323 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 327 SMALL APPL.	70
71	ROOM 323 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 327 BATHROOM	72
73	ROOM 328 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 328 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 328 DISHWASHER	76
77	ROOM 328 LIGHTS	0.50						20	1			2.00	1	20					1.50		ROOM 328 SMALL APPL.	78
79	ROOM 328 RECEPTS		1.44					20	1	1.94			1	20					0.50		ROOM 328 BATHROOM	80
81	ROOM 328 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										29.71	28.25	18.00			0.00	0.00	22.50	0.00	48.96	4.50	CONNECTED KVA 75.96	S1
	PROVIDE WITH FEED THROUGH LUGS									42.47	41.25	26.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	S2

PANEL 'DP3B' (SECTION 2)

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 33.8 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	BRKR P	TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
43	ROOM 329 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 331 PTAC	44
45					1.25						2.50						1.25					46
47	ROOM 329 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 331 LIGHTS	48
49	ROOM 329 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 331 RECEPTS	50
51	ROOM 329 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 331 DISPOSAL	52
53	ROOM 329 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 331 MICROWAVE	54
55	ROOM 329 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 331 DISHWASHER	56
57	ROOM 329 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 331 SMALL APPL.	58
59	ROOM 329 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 331 BATHROOM	60
61	ROOM 330 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 332 PTAC	62
63					1.25						2.50						1.25					64
65	ROOM 330 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 332 LIGHTS	66
67	ROOM 330 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 332 RECEPTS	68
69	ROOM 330 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 332 DISPOSAL	70
71	ROOM 330 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 332 MICROWAVE	72
73	ROOM 330 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 332 DISHWASHER	74
75	ROOM 330 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 332 SMALL APPL.	76
77	ROOM 330 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 332 BATHROOM	78
79								-	1	0.00			1	-								80
81								-	1		0.00		1	-								82
83								-	1			0.00	1	-								84
										12.76	13.00	8.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PANEL SCHEDULES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.06

PANEL 'DP4A'

VOLTAGE: 308Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 134.0 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 301 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 306 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 301 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 306 LIGHTS	6
7	ROOM 301 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 306 RECEPTS	8
9	ROOM 301 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 306 DISPOSAL	10
11	ROOM 301 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 306 MICROWAVE	12
13	ROOM 301 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 306 DISHWASHER	14
15	ROOM 301 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 306 SMALL APPL.	16
17	ROOM 301 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 306 BATHROOM	18
19	ROOM 303 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 307 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 303 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 307 LIGHTS	24
25	ROOM 303 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 307 RECEPTS	26
27	ROOM 303 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 307 DISPOSAL	28
29	ROOM 303 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 307 MICROWAVE	30
31	ROOM 303 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 307 DISHWASHER	32
33	ROOM 303 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 307 SMALL APPL.	34
35	ROOM 303 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 307 BATHROOM	36
37	ROOM 304 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 308 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 304 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 308 LIGHTS	42
43	ROOM 304 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 308 RECEPTS	44
45	ROOM 304 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 308 DISPOSAL	46
47	ROOM 304 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 308 MICROWAVE	48
49	ROOM 304 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 308 DISHWASHER	50
51	ROOM 304 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 308 SMALL APPL.	52
53	ROOM 304 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 308 BATHROOM	54
55	ROOM 305 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 309 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 305 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 309 LIGHTS	60
61	ROOM 305 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 309 RECEPTS	62
63	ROOM 305 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 309 DISPOSAL	64
65	ROOM 305 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 309 MICROWAVE	66
67	ROOM 305 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 309 DISHWASHER	68
69	ROOM 305 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 309 SMALL APPL.	70
71	ROOM 305 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 309 BATHROOM	72
73	ROOM 310 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 310 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 310 DISHWASHER	76
77	ROOM 310 LIGHTS	0.50						20	1			1.50	1	20					1.00		ROOM 310 SMALL APPL.	78
79	ROOM 310 RECEPTS		1.00					20	1	1.50			1	20					0.50		ROOM 310 BATHROOM	80
81	ROOM 310 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										25.75	24.25	17.50			0.00	0.00	22.50	0.00	40.50	3.50	CONNECTED KVA 66.5	S1
	PROVIDE WITH FEED THROUGH LUGS									51.50	48.50	35.00			0.00	0.00	22.50	0.00	40.50	4.50	CONNECTED KVA 67.5	S2

PANEL 'DP4B'

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 109.7 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 320 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 324 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 320 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 324 LIGHTS	6
7	ROOM 320 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 324 RECEPTS	8
9	ROOM 320 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 324 DISPOSAL	10
11	ROOM 320 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 324 MICROWAVE	12
13	ROOM 320 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 324 DISHWASHER	14
15	ROOM 320 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 324 SMALL APPL.	16
17	ROOM 320 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 324 BATHROOM	18
19	ROOM 321 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 325 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 321 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 325 LIGHTS	24
25	ROOM 321 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 325 RECEPTS	26
27	ROOM 321 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 325 DISPOSAL	28
29	ROOM 321 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 325 MICROWAVE	30
31	ROOM 321 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 325 DISHWASHER	32
33	ROOM 321 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 325 SMALL APPL.	34
35	ROOM 321 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 325 BATHROOM	36
37	ROOM 322 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 326 PTAC	38
39					1.25						2.50						1.25					40
41	ROOM 322 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 326 LIGHTS	42
43	ROOM 322 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 326 RECEPTS	44
45	ROOM 322 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 326 DISPOSAL	46
47	ROOM 322 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 326 MICROWAVE	48
49	ROOM 322 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 326 DISHWASHER	50
51	ROOM 322 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 326 SMALL APPL.	52
53	ROOM 322 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 326 BATHROOM	54
55	ROOM 323 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 327 PTAC	56
57					1.25						2.50						1.25					58
59	ROOM 323 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 327 LIGHTS	60
61	ROOM 323 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 327 RECEPTS	62
63	ROOM 323 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 327 DISPOSAL	64
65	ROOM 323 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 327 MICROWAVE	66
67	ROOM 323 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 327 DISHWASHER	68
69	ROOM 323 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 327 SMALL APPL.	70
71	ROOM 323 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 327 BATHROOM	72
73	ROOM 328 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 328 MICROWAVE	74
75					1.25						1.75		1	20					0.50		ROOM 328 DISHWASHER	76
77	ROOM 328 LIGHTS	0.50						20	1			2.00	1	20					1.50		ROOM 328 SMALL APPL.	78
79	ROOM 328 RECEPTS		1.44					20	1	1.94			1	20					0.50		ROOM 328 BATHROOM	80
81	ROOM 328 DISPOSAL		0.50					20	1		0.50		1	20								82
83								20	1			0.00	1	-								84
										29.71	28.25	18.00			0.00	0.00	22.50	0.00	48.96	4.50	CONNECTED KVA 75.96	S1
	PROVIDE WITH FEED THROUGH LUGS									42.47	41.25	26.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	S2

PANEL 'DP4A' (SECTION 2)

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 67.5 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
43	ROOM 311 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 315 PTAC	44
45					1.25						2.50						1.25					46
47	ROOM 311 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 315 LIGHTS	48
49	ROOM 311 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 315 RECEPTS	50
51	ROOM 311 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 315 DISPOSAL	52
53	ROOM 311 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 315 MICROWAVE	54
55	ROOM 311 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 315 DISHWASHER	56
57	ROOM 311 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 315 SMALL APPL.	58
59	ROOM 311 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 315 BATHROOM	60
61	ROOM 312 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 316 PTAC	62
63					1.25						2.50						1.25					64
65	ROOM 312 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 316 LIGHTS	66
67	ROOM 312 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 316 RECEPTS	68
69	ROOM 312 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 316 DISPOSAL	70
71	ROOM 312 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 316 MICROWAVE	72
73	ROOM 312 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 316 DISHWASHER	74
75	ROOM 312 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 316 SMALL APPL.	76
77	ROOM 312 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 316 BATHROOM	78
79	ROOM 313 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 317 PTAC	80
81					1.25						2.50						1.25					82
83	ROOM 313 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 317 LIGHTS	84
85	ROOM 313 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 317 RECEPTS	
87	ROOM 313 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 317 DISPOSAL	
89	ROOM 313 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 317 MICROWAVE	
91	ROOM 313 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 317 DISHWASHER	
93	ROOM 313 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 317 SMALL APPL.	
95	ROOM 313 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 317 BATHROOM	
97	ROOM 314 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 318 PTAC	
99					1.25						2.50						1.25					
101	ROOM 314 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 318 LIGHTS	
103	ROOM 314 RECEPTS		1.00					20	1	2.00			1	20					1.00		ROOM 318 RECEPTS	
105	ROOM 314 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 318 DISPOSAL	
107	ROOM 314 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 318 MICROWAVE	
109	ROOM 314 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 318 DISHWASHER	
111	ROOM 314 SMALL APPL.		1.00					20	1		2.00		1	20					1.00		ROOM 318 SMALL APPL.	
113	ROOM 314 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 318 BATHROOM	
115	ROOM 319 PTAC				1.25			15	2	2.25			1	20					1.00		ROOM 319 MICROWAVE	
117					1.25						1.75		1	20					0.50		ROOM 319 DISHWASHER	
119	ROOM 319 LIGHTS	0.50						20	1			1.50	1	20					1.00		ROOM 319 SMALL APPL.	
121	ROOM 319 RECEPTS		1.00					20	1	1.50			1	20					0.50		ROOM 319 BATHROOM	
123	ROOM 319 DISPOSAL		0.50					20	1		0.50		1	20								
125								20	1			0.00	1	-								
										25.75	24.25	17.50			0.00	0.00	22.50	0.00	40.50	4.50	CONNECTED KVA 67.5	

PANEL 'DP4B' (SECTION 2)

VOLTAGE: 208Y/120V — 3 PHASE, 4 WIRE — AMPS: 250 MLO — TOTAL LOAD: 33.8 KVA — MOUNTING: SURFACE — AIC RATING: 22,000A

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HEAT	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HEAT	A/C	MTR	RCPT	LTG	SERVES	No.
1	ROOM 329 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 331 PTAC	2
3					1.25						2.50						1.25					4
5	ROOM 329 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 331 LIGHTS	6
7	ROOM 329 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 331 RECEPTS	8
9	ROOM 329 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 331 DISPOSAL	10
11	ROOM 329 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 331 MICROWAVE	12
13	ROOM 329 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 331 DISHWASHER	14
15	ROOM 329 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 331 SMALL APPL.	16
17	ROOM 329 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 331 BATHROOM	18
19	ROOM 330 PTAC				1.25			15	2	2.50			2	15			1.25				ROOM 332 PTAC	20
21					1.25						2.50						1.25					22
23	ROOM 330 LIGHTS	0.50						20	1			1.00	1	20						0.50	ROOM 332 LIGHTS	24
25	ROOM 330 RECEPTS		1.44					20	1	2.88			1	20					1.44		ROOM 332 RECEPTS	26
27	ROOM 330 DISPOSAL		0.50					20	1		1.00		1	20					0.50		ROOM 332 DISPOSAL	28
29	ROOM 330 MICROWAVE		1.00					20	1			2.00	1	20					1.00		ROOM 332 MICROWAVE	30
31	ROOM 330 DISHWASHER		0.50					20	1	1.00			1	20					0.50		ROOM 332 DISHWASHER	32
33	ROOM 330 SMALL APPL.		1.50					20	1		3.00		1	20					1.50		ROOM 332 SMALL APPL.	34
35	ROOM 330 BATHROOM		0.50					20	1			1.00	1	20					0.50		ROOM 332 BATHROOM	36
37								-	1	0.00			1	-								38
39								-	1		0.00		1	-								40
41								-	1			0.00	1	-								42
										12.76	13.00	8.00			0.00	0.00	10.00	0.00	21.76	2.00	CONNECTED KVA 33.76	

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS
DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE. GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL
Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-9316

MEP
GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL
PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER
MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PANEL SCHEDULES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
E5.07

PLUMBING LEGEND

———————	SANITARY, WASTE BELOW FLOOR – S, W, SAN
– – – – – –	VENT PIPING – V
——— – ———	COLD WATER PIPING – CW
——— – – ———	HOT WATER PIPING – HW
—||—◎	CLEANOUTS – CO, WCO, FCO, GCO
——⋈——	GATE VALVE – GV
——●——	BALL VALVE – BV
▣	FLOOR DRAIN
A/C	ABOVE CEILING
A/F	ABOVE FLOOR
B/F	BELOW FLOOR
B/G	BELOW GRADE
CD	CONDENSATE DRAIN
CW	COLD WATER
DN	DOWN
GW	GREASE WASTE
HW	HOT WATER
S	SANITARY SEWER
V	VENT
VTR	VENT THROUGH ROOF

ALL GUESTROOM BATHROOM FIXTURE TRIM MUST BE BRUSHED NICKEL OR BRUSHED CHROME. ALL FINISHES MUST COORDINATE IN COLOR.

ALL PUBLIC BATHROOM FIXTURE TRIM MUST BE POLISHED OR BRUSHED CHROME, BRUSHED NICKEL OR STAINLESS STEEL.

PLUMBING FIXTURE SCHEDULE

AREA	TAG	DESCRIPTION	MANUFACTURER & CATALOG NO.	PIPING CONNECTIONS S/W	VENT	CW	HW	REMARKS
GUEST ROOM	WC-1	WATER CLOSET - FLUSH TANK	AMERICAN STANDARD 2989101.020	3"	2"	1/2"	--	FLOOR MOUNT, ELONGATED VITREOUS CHINA, FLUSH HANDLE TO BE ON THE WIDE SIDE OF ROOM/STALL, 1.28 GPF TANK, CONCEALED TRAPWAY, CLOSED FRONT PLASTIC SEAT WITH COVER TO MATCH FIXTURE. McGUIRE 185 SUPPLY KIT.
	WC-1A	WATER CLOSET - FLUSH TANK - ADA	AMERICAN STANDARD 2989101.020	3"	2"	1/2"	--	FLOOR MOUNT, ELONGATED VITREOUS CHINA, FLUSH HANDLE TO BE ON THE WIDE SIDE OF ROOM/STALL, 1.28 GPF TANK, CONCEALED TRAPWAY, CLOSED FRONT PLASTIC SEAT WITH COVER TO MATCH FIXTURE. McGUIRE 185 SUPPLY KIT.
	L-1	LAVATORY - UNDERMOUNT	CRANE 1997100 RADCLIFF GROHE 33264200A FAUCET	2"	1-1/2"	1/2"	1/2"	WHITE, UNDERMOUNT, VITREOUS CHINA SELF-DRAINING, WITH SINGLE LEVER FAUCET WITH POP-UP WASTE, MCGUIRE "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP. McGUIRE 175 SUPPLY KIT. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
	L-1A	LAVATORY - UNDERMOUNT - ADA	CRANE 1997100 RADCLIFF GROHE 33264200A FAUCET	2"	1-1/2"	1/2"	1/2"	WHITE, UNDERMOUNT, VITREOUS CHINA SELF-DRAINING, ADA COMPLIANT HEIGHT WITH SINGLE LEVER FAUCET WITH POP-UP WASTE AND MCGUIRE "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP. McGUIRE 175 SUPPLY KIT. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
	S-1	BAR SINK - UNDERMOUNT	AMERICAN STANDARD 18SB.1023800.075 SINK GROHE 31518000 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	UNDERMOUNT STAINLESS STEEL SINK, 21"x16"x10" BOWL WITH WASTE FITTING, 1.5GPM FAUCET, McGUIRE "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP, McGUIRE 165 SUPPLY KIT. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
	S-1A	BAR SINK - UNDERMOUNT - ADA	AMERICAN STANDARD 18SB.6181600S.075 SINK GROHE 31518000 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	UNDERMOUNT STAINLESS STEEL SINK, 15-7/8"x13-7/8"x6" BOWL WITH WASTE FITTING, 1.5GPM FAUCET, McGUIRE "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP, McGUIRE 165 SUPPLY KIT. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
	BT-1A	BATHTUB / SHOWER	AMERICAN STANDARD 2390.202.020 OR 2391.202.020 GROHE 35110000, 13356002, 14462000, 26043001,27414000	2"	1-1/2"	1/2"	1/2"	WHITE, 60"x30"x14" INTEGRAL APRON TUB. PROVIDE WITH SINGLE LEVER VALVE & TRIM AS LISTED, 2.5 GPM. AMERICAN STANDARD, MODEL 1583.470.002 POLISHED CHROME DRAIN. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
	SH-1	SHOWER	MINCEY MARBLE SP3648 BASIN WITH GROHE 26043001 HEAD, 27414000 ARM, 14462000 TRIM, 35110000 VALVE	2"	1-1/2"	1/2"	1/2"	CAST MARBLE SHOWER BASE WITH SINGLE LEVER VALVE & TRIM AS LISTED, POLISHED CHROME DRAIN. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
	SH-1A	SHOWER - ROLL-IN ADA	GROHE 26043002 HEAD, 28819001 BAR, 14462000 TRIM, 29714000 VALVE	2"	1-1/2"	1/2"	1/2"	TILED ROLL-IN SHOWER (SEE ARCH) WITH SINGLE LEVER VALVE & TRIM AS LISTED, POLISHED CHROME DRAIN, WITH SEAT, GRAB BAR, PRESSURE BALANCE VALVE, HAND SPRAY, HOSE SLIDE BAR. BRUSHED NICKEL FINISHES ON TRIM AND FAUCET.
PUBLIC AREAS	WC-3	WATER CLOSET - FLUSH TANK	AMERICAN STANDARD 2989101.020	3"	2"	1/2"	--	FLOOR MOUNT, ELONGATED VITREOUS CHINA, FLUSH HANDLE TO BE ON THE WIDE SIDE OF ROOM/STALL, 1.28 GPF TANK, CONCEALED TRAPWAY, CLOSED FRONT PLASTIC SEAT WITH COVER TO MATCH FIXTURE. McGUIRE 185 SUPPLY KIT.
	WC-3A	WATER CLOSET - FLUSH TANK - ADA	AMERICAN STANDARD 2989101.020	3"	2"	1/2"	--	FLOOR MOUNT, ELONGATED VITREOUS CHINA, FLUSH HANDLE TO BE ON THE WIDE SIDE OF ROOM/STALL, 1.28 GPF TANK, CONCEALED TRAPWAY, CLOSED FRONT PLASTIC SEAT WITH COVER TO MATCH FIXTURE. McGUIRE 185 SUPPLY KIT.
	U-1	URINAL - ADA	AMERICAN STANDARD 6581.001.020	2"	1-1/2"	3/4"	--	WALL MOUNT URINAL, 1 GPF. PROVIDE AM. STANDARD 6145.051.002 ADA COMPLIANT, POLISHED CHROME FLUSH VALVE. 2" OUTLET SPUD, STRAINER, HANGER AND ALL OTHER ADDITIONAL PARTS REQUIRED FOR A COMPLETE INSTALLATION.
	L-2	LAVATORY - UNDERMOUNT - ADA	AMERICAN STANDARD 9482.000.020 BASIN, AM. STD. 7755105.002 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	WHITE, UNDERMOUNT, VITREOUS CHINA SELF-DRAINING, ADA COMPLIANT HEIGHT WITH BATTERY POWERED ELECTRONIC FAUCET WITH GRID DRAIN STRAINER AND "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP. McGUIRE 175 SUPPLY KIT. POLISHED CHROME FINISHES ON TRIM AND FAUCET
	S-2	BREAK ROOM SINK	ELKAY LRAD-1517 KOHLER K-15275-4 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	DROP-IN STAINLESS STEEL SINK, 15"x17-1/2"x6-1/2" WITH 1.5GPM FAUCET, McGUIRE "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP, AND ELKAY LK-35 3-1/2" DRAIN. McGUIRE 175 SUPPLY KIT. POLISHED CHROME FINISHES ON TRIM AND FAUCET.
	SH-3	POOL SHOWER	SYMMONS 3-330 SHOWER SYSTEM	--	--	1/2"	--	EXPOSED SHOWER SYSTEM LIMITER VALVE WITH INTEGRAL STOP, WALL FLANGE, 20" HEAD RISER WITH PUSH BUTTON CONTROL. POLISHED CHROME FINISHES ON TRIM AND FAUCET.
	EWC-1	WATER COOLER	ELKAY EZSTLAC	2"	1-1/2"	1/2"	--	STAINLESS STEEL, BI-LEVEL DOUBLE STATION, NON-REFREGERATED, WALL MOUNT AT ADA HEIGHT. McGUIRE 165 SUPPLY KIT.
	DF-1	WATER COOLER	HAWS 119FR	2"	1-1/2"	1/2"	--	STAINLESS STEEL, BI-LEVEL DOUBLE STATION, FREEZE RESISTANT, NON-REFREGERATED, WALL MOUNT AT ADA HEIGHT. McGUIRE 165 SUPPLY KIT.
EMPLOYEE AREAS	WC-4	WATER CLOSET - FLUSH TANK - ADA	AMERICAN STANDARD 2989101.020	3"	2"	1/2"	--	FLOOR MOUNT, ELONGATED VITREOUS CHINA, FLUSH HANDLE TO BE ON THE WIDE SIDE OF ROO/STALL, 1.28 GPF TANK, CONCEALED TRAPWAY, CLOSED FRONT PLASTIC SEAT WITH COVER TO MATCH FIXTURE, McGUIRE 185 SUPPLY KIT.
	L-3	LAVATORY - WALL HUNG	AMERICAN STANDARD 0955.001EC/0062.000EC AM. STD. 7755105.002 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	VITREOUS CHINA. FRONT OVERFLOW, SELF-DRAINING, ADA COMPLIANT, PROVIDE WITH FAUCET SET AS LISTED, 1.5 GPM, WITH McGUIRE "PROWRAP" MODEL PW 2125 WC OFF-SET WASTE WITH P-TRAP. McGUIRE 175 SUPPLY KIT.
	S-3	BREAK ROOM SINK	ELKAY LRAD-1517 KOHLER K-15275-4 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	DROP-IN STAINLESS STEEL SINK, 15"x17-1/2"x6-1/2" WITH 1.5GPM FAUCET, McGUIRE "PROWRAP" MODEL PW 2125 WC OFFSET WASTE WITH P-TRAP, AND ELKAY LK-35 3-1/2" DRAIN. McGUIRE 175 SUPPLY KIT.
	S-4	KITCHEN HAND SINK	ADVANCE TBCO 7-PS-EC-X	2"	1-1/2"	1/2"	1/2"	WALL HUNG STAINLESS STEEL SINK WITH GOOSENECK FAUCET AND McGUIRE 175 SUPPLY KIT - REFER TO OWNER/ARCHITECT/KITCHEN CONSULTANT FOR FIXTURE REQUIREMENTS AND SPECS.
	S-5	LAUNDRY SINK	FIAT FLTD-11 AMERICAN STANDARD 7573.240.002 FAUCET	1-1/2"	1-1/2"	1/2"	1/2"	FLOOR MOUNTED MOLDED STONE DOUBLE BOWL SINK, 40" x 24" x 13", WITH LEVELING LEGS, LOOSE KEY ANGLE STOPS, SINGLE LEVER 4" CENTERSET POLLISHED CHROME-PLATED CAST BRASS FAUCET WITH SWIVEL SPOUT.
	S-6	KITCHEN PREP SINK - TRIPLE COMPARTMENT	ELKAY	2"	1-1/2"	1/2"	1/2"	STAINLESS STEEL THREE COMPARTMENT SINK WITH McGUIRE 175 SUPPLY KIT - REFER TO OWNER/ARCHITECT/KITCHEN CONSULTANT FOR FIXTURE REQUIREMENTS AND SPECS.
	MS-1	MOP SINK	KOHLER K-6710	3"	2"	1/2"	1/2"	28"x28"x13" FLOOR MOUNTED ENAMELED CAST IRON SINK WITH RIM GUARD, WITH CLEANOUT & STRAINER. PROVIDE FAUCET WITH PAIL HOOK.
GENERAL - ALL AREAS	WB-1	WASHER WALL BOX	OATEY 38957	3"	1-1/2"	1/2"	1-1/2"	RECESSED PVC WALL BOX WITH BOTTOM SUPPLY, 1/4 TURN BRASS BALL VALVES WITH WATER HAMMER ARRESTERS, 4 SUPPORT BRACETS, FACEPLATE.
	IB-1	ICE MAKER VALVE BOX	OATEY 38574	--	--	1/2"	--	RECESSED PVC WALL BOX WITH SHUT-OFF VALVE AND THREADED COLD WATER CONNECTION.
	EEW-1	EMERGENCY EYEWASH	BRADLEY S19224DCRPT	--	--	1/2"	1-1/2"	WALL MOUNTED EYEWASH - PROVIDE TEMPERED WATER - BRADELY S19-2000-RE THERMOSTATIC MIXING VALVE.
	BH	HOSE BIBB	MIFAB MHY-60	--	--	1/2"	--	WALL HOSE BIBB IN RECESSED BOX, POLISHED CHROME, WITH VACUUM BREAKER.
	FS	FLOOR SINK	J.R. SMITH 3150	3"	--	--	--	SQUARE TOP CAST IRON FLOOR SINK WITH HALF GRATE, NIKALOY, ACID RESISTING ENAMEL INTERIOR, DOME BOTTOM STRAINER AND FLASHING CLAMP.
	FD	FLOOR DRAIN	ZURN Z-415	3"	--	--	--	SQUARE TOP FLOOR DRAIN WITH CAST IRON BODY, NIKALOY TOP AND TRAP PRIMER.
	AD	AREA DRAIN	J.R. SMITH 2130	--	--	--	--	SQUARE TOP AREA DRAIN WITH CAST IRON BODY AND NIKALOY TOP.
	FPHD	HOSE BIBB	WOODFORD B-65R	--	--	3/4"	--	FREEZEPROFF, CHROME PLATED BRASS HOSE BIBB IN RECESSED BOX WITH LOOSE KEY AND VACUUM BREAKER CONNECTION.
	WCO	WALL CLEAN-OUT	J.R. SMITH 4472	--	--	--	--	CAST IRON CLEANOUT WITH ROUND STAINLESS STEEL WALL COVER.
	FCO	FLOOR CLEAN-OUT	J.R. SMITH 4040	--	--	--	--	CAST IRON FLOOR CLEANOUT WITH SQUARE NICKEL BRONZE TOP.
	GCO	GRADE CLEAN-OUT	J.R. SMITH 4240	--	--	--	--	CAST IRON WITH ROUND CAST IRON TOP. PROVIDE WITH 24" X 24" X 28" THICK CONCRETE PAD AT GRADE.
	RD	ROOF DRAIN	J.R.SMITH 1015-C-U	--	--	--	--	CAST IRON ROOF DRAIN WITH CAST IRON DOME TOP. GC TO INSTALL RD, AND PC TO PROVIDE AND MAKE FINAL CONNECTIONS TO RD.
	ORD	OVERFLOW ROOF DRAIN	J.R.SMITH1080-C-U	--	--	--	--	CAST IRON ROOF DRAIN WITH CAST IRON DOME TOP AND WATER DAM. GC TO INSTALL RD, AND PC TO PROVIDE AND MAKE FINAL CONNECTIONS TO RD.
	ORLN	OVERFLOW NOZZLE	J.R. SMITH 1770-PB	--	--	--	--	CAST BRONZE "LAMB'S TONUGE" ON WALL, REFER TO ARCH. FOR EXACT ELEVATIONS.

PLUMBING NOTES

1. SCOPE OF WORK
   A. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR TO SATISFY A COMPLETE WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
   B. ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES GOVERNING WORK OF THIS NATURE.
   C. THE CONTRACTOR SHALL, BEFORE SUBMITTING ANY PROPOSAL, EXAMINE THE PROPOSED SITE AND SHALL DETERMINE FOR HIMSELF THE CONDITIONS THAT MAY EFFECT THE WORK. NO ALLOWANCE SHALL BE MADE IF THE CONTRACTOR FAILS TO MAKE SUCH EXAMINATIONS.
   D. ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY ENGINEER OR ARCHITECT.
2. PERMITS
   A. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES.
3. SHOP DRAWINGS
   A. SUBMIT MATERIAL LIST AND SHOP DRAWINGS FOR MAJOR EQUIPMENT/FIXTURES TO THE ARCHITECT OR ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL SUBMIT AN ELECTRONIC SET OF SHOP DRAWINGS AND THEY SHALL BE CLEARLY LABELED.
4. DOMESTIC WATER SUPPLY PIPING
   A. UNDERGROUND: PROVIDE TYPE "K" SOFT DRAWN COPPER TUBING WITH BRAZED CONNECTIONS.
   B. ABOVE GROUND: PROVIDE TYPE "L" HARD DRAWN COPPER TUBING WITH 125 PSI SOLDER JOINTS, COPPER OR BRASS FITTINGS. ALL SOLDER TO BE "NO LEAD" TYPE.
   C. ALL HOT WATER PIPING TO BE INSULATED WITH 1" FIBERGLASS INSULATION.
   D. ALL COLD WATER PIPING TO BE INSULATED WITH 1/2" FOAM INSULATION.
5. SANITARY/STORM DRAINAGE AND VENT PIPING
   A. ABOVE GRADE:
   –2" AND BELOW: SCH. 40 GALV. STL. PIPE WITH SCREWED ENDS OR SCH. 40 PVC WITH SOLVENT JOINTS OR DWV COPPER WITH SOLDER JOINTS. ALL SOLDER TO BE "NO LEAD" TYPE.
   –3" AND ABOVE: SERVICE WT. CAST IRON WITH NO–HUB OR BELL AND SPIGOT JOINTS; OR SCH. 40 PVC WITH SOLVENT JOINTS.
   B. BELOW GRADE: SERVICE WT. CAST IRON WITH BELL AND SPIGOT JOINTS OR SCH. 40 PVC WITH SOLVENT JOINTS.
   C. PVC PIPING SHALL NOT BE USED IN AIR PLENUM CEILINGS AND SHALL NOT CROSS FIRE RATED WALLS, CEILINGS, OR FLOORS.
   D. DRAINAGE PIPING SHALL BE RUN AS STRAIGHT AS POSSIBLE AND SHALL HAVE LONG TURN FITTINGS.
   E. DRAINAGE PIPING 3" SIZE AND SMALLER SHALL RUN AT A UNIFORM GRADE OF AT LEAST 1/4" PER FOOT, AND PIPING LARGER THAN 3" SHALL BE RUN AT A GRADE OF NO LESS THAN 1/8" PER FOOT.
   F. ALL VENT PIPING SHALL BE SLOPED TO DRAIN BACK TO FIXTURES.
   G. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FLASHING OF THE VENT PIPING RUN THROUGH THE ROOF.
6. PENETRATIONS
   A. ALL STUB–INS AND/OR SLAB OR WALL PENETRATION TO BE PER INTERNATIONAL PLUMBING CODE. ALL PIPING PENETRATIONS OF BUILDING FOUNDATIONS OR FOOTINGS SHALL BE SLEEVED.
7. GAS PIPING
   A. PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON FITTINGS. WHERE GAS PIPE CONNECTS TO EQUIPMENT, IT SHALL BE PROVIDED WITH A DRIP LEG THE FULL SIZE OF THE RUNOUT, A 100% SHUTOFF VALVE AND A UNION. GAS PIPING CONTAINING PRESSURE GREATER THAN 9" W.G. SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH WELDED JOINTS.
   B. GAS PIPING SHALL BE PAINTED WITH RUST INHIBITING PAINT IN SAFETY YELLOW.
8. PIPE SUPPORTS
   A. ABOVE GRADE ALL PIPE SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN A NEAT AND WORKMANLIKE MANNER. THE USE OF WIRE AND PERFORMED METAL TO SUPPORT PIPES WILL NOT BE PERMITTED. SPACING OF PIPE SUPPORTS SHALL BE AS SPECIFIED IN THE INTERNATIONAL PLUMBING CODE.
   B. BELOW GRADE EARTH SHALL BE EXCAVATED TO A MINIMUM DEPTH WITH AN EVEN SURFACE TO INSURE SOLID BEARING OF PIPE FOR ITS ENTIRE LENGTH.
   –INTERIOR: THE PIPE SHALL BE INSTALLED (UNLESS OTHERWISE SPECIFIED) A MINIMUM OF 4 INCHES BELOW THE BOTTOM OF THE SLAB AND SHALL NOT BE IN ANY DIRECT CONTACT WITH THE CONCRETE AT ANY POINT.
   –EXTERIOR: THE WATER PIPE SHALL HAVE A MINIMUM OF 42" OF COVER AND THE SANITARY WASTE PIPE SHALL HAVE A MINIMUM OF 24" OF COVER.
9. MISCELLANEOUS
   A. COORDINATE INSTALLATION OF ALL ROOF FLASHING AT ROOF PENETRATION.
   B. DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, AND DIMENSIONS AT THE JOB SITE.
   C. THE PLUMBING PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURE'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS, OR ALL THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ENSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.
   D. CONNECTION TO EXISTING PIPING SHALL CONNECT TO EXISTING PIPE OF EQUAL SIZE OR LARGER.
10. TESTING
    A. PLUMBING SYSTEMS SHALL BE FLOW AND PRESSURE TESTED IN ACCORDANCE WITH STANDARD PRACTICE AND THE INTERNATIONAL PLUMBING CODE.
11. GUARANTEE
    A. MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE(1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.
    B. FOR THE SAME PERIOD, THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY HIM.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING LEGEND, SCHEDULES & NOTES

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
P0.01

DOMESTIC WATER BOOSTER PUMP (DBP) SCHEDULE

MARK	SERVICE	LOCATION	MANUFACTURER/MODEL	DESIGN SUCTION PRESSURE	DIFFERENTIAL PRESSURE	DESIGN DISCHARGE PRESSURE	DISCHARGE SET POINT	DESIGN FLOW	HORSE POWER (2)	VOLTAGE V/PH/HZ	REMARKS
DBP-1	DOMESTIC WATER	MECH RM 026	SYNCROFLO IRON HEART	20 PSI (MINIMUM)	35 PSI (80 FT OF HEAD)	55 PSI	55 PSI	200 GPM	5 (EACH)	208/3/60	1, 2, 3, 4

NOTES:
1. DUPLEX PUMP WITH EACH PUMP SIZED FOR 100 GPM AT 92 FT OF HEAD, PROVIDING 50% REDUNDANCY IF 1 PUMP WERE TO FAIL.
2. SIZE ELECTRICAL FOR BOTH 5HP PUMPS RUNNING SIMULTANEOUSLY, FOR A TOTAL LOAD OF 10 HP.
3. PROVIDE HYDRO-PNEUMATIC BUFFER TANK SIZED PER MANUFACTURER'S RECOMMENDATIONS FOR PRESSURE CONTROL, SIZE FOR 200 GPM HOTEL OPERATION APPLICATION.
4. PROVIDE GROUNDING RINGS ON VARIABLE SPEED PUMPS.

WATER HEATER SCHEDULE

MARK	MANUFACTURER/MODEL	SERVES	RECOVERY @ 100°F	INPUT	STORAGE
WH-1	A.O. SMITH MODEL BTH 199	GUESTROOMS, GUEST LAUNDRY	230 GAL	199 MBH	100 GAL
WH-2	A.O. SMITH MODEL BTH 199	GUESTROOMS, GUEST LAUNDRY	230 GAL	199 MBH	100 GAL
WH-3	A.O. SMITH MODEL BTH 199	GUESTROOMS, GUEST LAUNDRY	230 GAL	199 MBH	100 GAL
WH-4	A.O. SMITH MODEL BTH 199	GUESTROOMS, GUEST LAUNDRY	230 GAL	199 MBH	100 GAL
WH-5	A.O. SMITH MODEL BTH 199	GUESTROOMS, GUEST LAUNDRY	230 GAL	199 MBH	100 GAL

NOTE:
1. 1-1/2" HOT & COLD WATER LINES.
2. PROVIDE CONCENTRIC FRESH AIR AND VENTING PER THE MANUFACTURER'S REQUIREMENTS.
3. SEE DETAIL FOR CONNECTIONS AND PIPING SCHEMATIC.

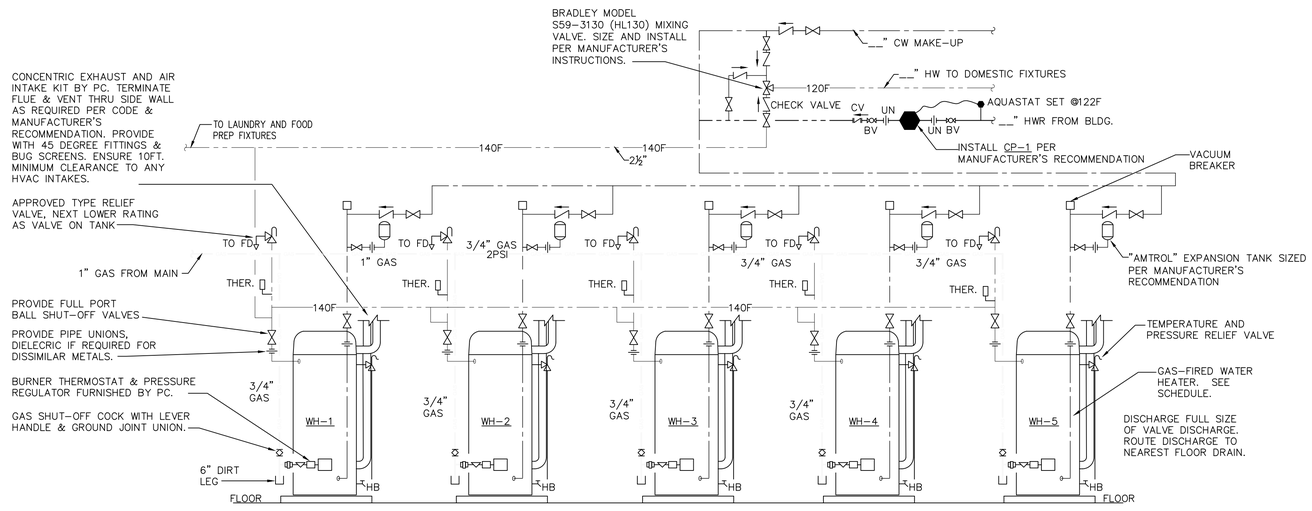
PUMP SCHEDULE

MARK	SERVICE	LOCATION	MANUFACTURER MODEL	PUMP				MOTOR			REMARKS
				GPM	HEAD	PSI	EFF.	HP	VOLTS	PH.	
CP-1	DOW HW RECIRCULATION	MECHANCIAL ROOM	TACO 2400-20	5	30	--	--	1/6	115	1	NOTE 1,2
SP-1	ELEVATOR PIT SUMP PUMP	LOWER LEVEL ELEVATOR PIT	GOULDS LSP03	3	20	--	--	1/3	115	1	NOTE 1

NOTES:
1. PROVIDED BY GENERAL CONTRACTOR.
2. ALL BRONZE CONSTRUCTION W/ SEALS TO MATCH DUTY.

GREASE INTERCEPTOR SIZING CALCULATIONS

FIXTURE NAME	FIXTURE TYPE	COMPARTMENTS	WIDTH	DEPTH	LENGTH	AREA	GALLONS	75% CAPACITY	2 MINUTE PERIOD (GPM)
N/A	3-COMPARTMENT SINK	3	16	20	20	19,200	83.1	62.3	31.2
NOTE: ALL CALCULATIONS BASED ON PDI STANDARD PDI-G 101 SECTION 8.							TOTAL (GPM):		31.2
							PROVIDED (GPM):		50



1 / P0.02 GAS WATER HEATER DIAGRAM

NOT TO SCALE

NOTE:
1. INSTALL HW HEATER AND MIXING VALVE PER MANUFACTURER'S REQUIREMENTS.
2. PROVIDE HEAT TRAP ON CW AND HW LINES PER ENERGY CODE.
3. PIPING SHOWN IS SCHEMATIC. PROVIDE CLEARANCES RECOMMENDED BY MANUFACTURER. SET TANK THERMOSTAT AT 140F.
4. REFER TO GAS PLANS FOR GAS PIPE SIZES.

HOME2 SUITES BY HILTON
WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

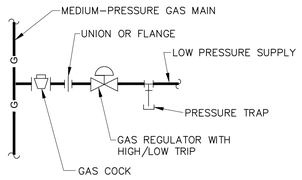
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING SCHEDULES & DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

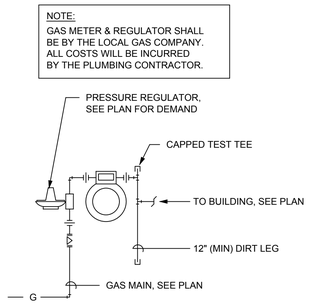
SHEET NUMBER:
P0.02



1 P0.03 MEDUIM TO LOW GAS REGULATOR DETAIL

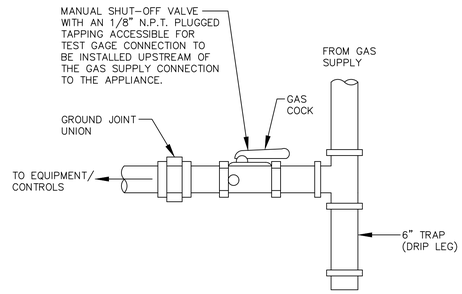
NOT TO SCALE

NOTE: PROVIDE PRESSURE TESTING TAPS ON BOTH SIDES OF REGULATOR AS A MEANS OF TESTING PRESSURE UPSTREAM AND DOWNSTREAM PER NCFGC SECTION 410.1. MUST COMPLY WITH ANSI Z221.80.



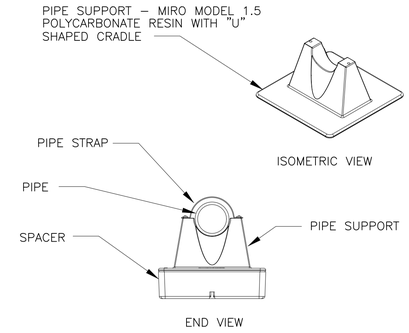
2 P0.03 GAS METER DETAIL

NOT TO SCALE



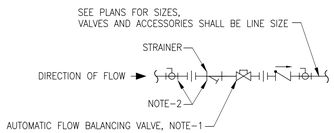
3 P0.03 GAS CONNECTION TO EQUIPMENT DETAIL

NOT TO SCALE



4 P0.03 PIPE SUPPORT DETAIL (ROOF)

NOT TO SCALE

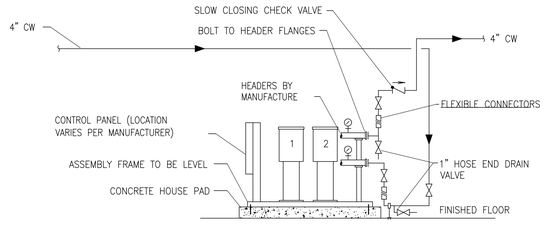


5 P0.03 HOT WATER RETURN FLOW BALANCING ASSEMBLY

NTS

NOTE:

1. FLOW RATE SHALL BE 0.5 GPM. BASE OF DESIGN: IMI HYDRONIC ENGINEERING MODEL ICSS050FFL–05
2. BALL VALVE TYPE COMBINATION VALVES ARE PERMITTED

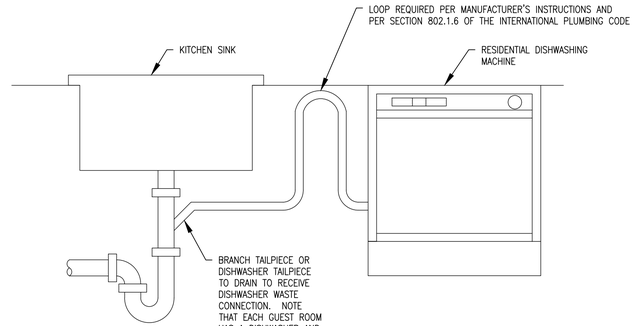


6 P0.03 DOMESTIC WATER BOOSTER PUMP

NTS

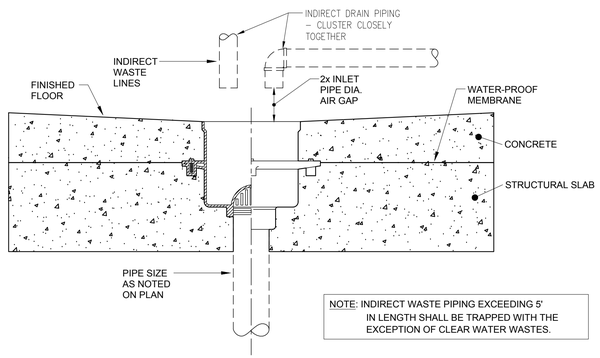
NOTES:

1. PROVIDE HYDRO–PNEUMATIC TANK SIZED PER MANUFACTURER'S RECOMENDATIONS. LOCATE TANK IN MECHANICAL ROOM AND INSTALL PER BOOSTER PUMP'S MANUFACTURER INSTRUCTIONS. PROVIDE VALVE AND PRESSURE GAUGE ON OUTLET OF TANK AND CHARGE TANK TO 5PSI LESS THAN OPERATING PRESSURE.



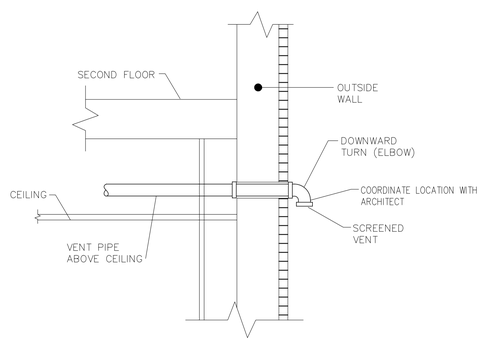
7 P0.03 DISHWASHER CONNECTION DETAIL

SCALE: NONE



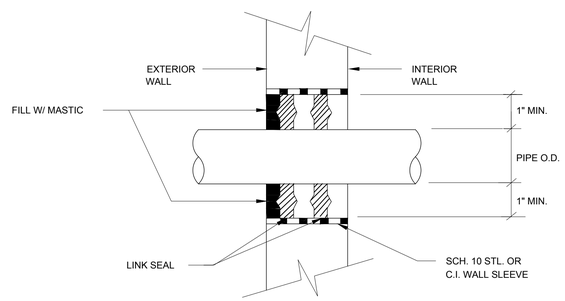
8 P0.03 FLOOR SINK DETAIL

NOT TO SCALE



9 P0.03 VENT TERMINATION THROUGH WALL

NOT TO SCALE



10 P0.03 EXTERIOR WALL SLEEVE DETAIL

NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

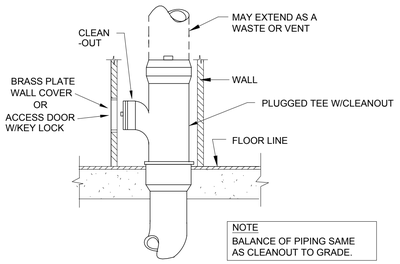
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING DETAILS

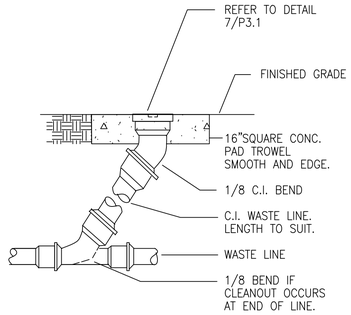
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
P0.03



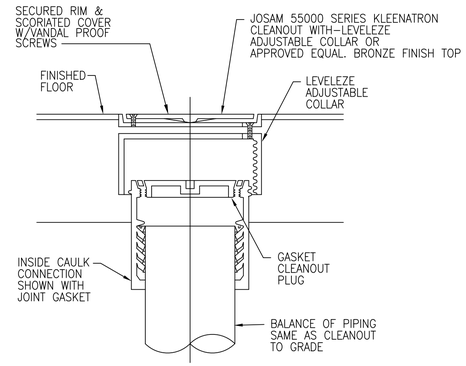
1 P0.04 **WALL CLEANOUT DETAIL**

NOT TO SCALE



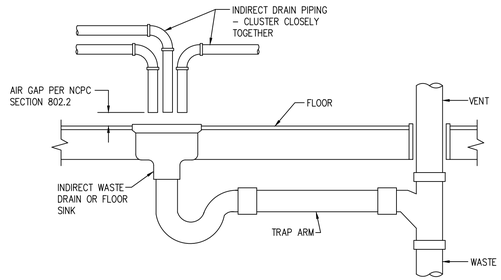
2 P0.04 **GRADE CLEANOUT DETAIL**

NOT TO SCALE



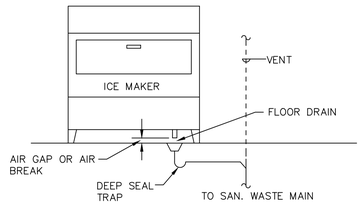
3 P0.04 **FLOOR CLEANOUT DETAIL**

NOT TO SCALE



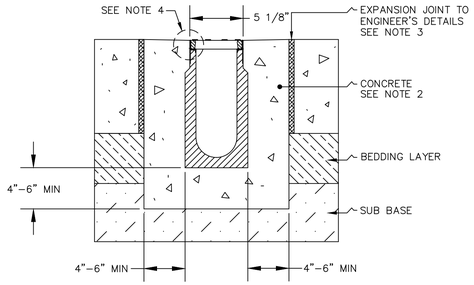
4 P0.04 **INDIRECT WASTE DRAIN DETAIL**

NOT TO SCALE



5 P0.04 **ICE MAKER DRAINAGE PIPING DETAIL**

NOT TO SCALE

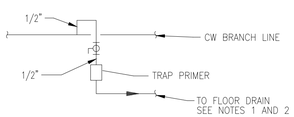


NOTES:

1. IT IS NECESSARY TO ENSURE THE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR THE EXISTING GROUND CONDITIONS. ENGINEERING ADVICE MAY BE REQUIRED.
2. A MINIMUM CONCRETE STRENGTH OF 3000 PSI IS RECOMMENDED. THE CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CRACK CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL AND THE CONCRETE SURROUND. ENGINEERING ADVICE MAY BE REQUIRED.
4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" (3) ABOVE THE TOP OF THE CHANNEL EDGE.
5. REFER TO SMITH/ACO'S LATEST INSTALLATION INSTRUCTIONS FOR COMPLETE DETAILS.

6 P0.04 **TRENCH DRAIN DETAIL**

NOT TO SCALE

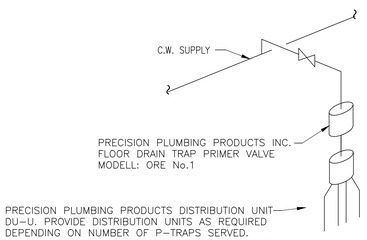


7 P0.04 **FLOOR DRAIN SINGLE TRAP PRIMER DETAIL**

NOT TO SCALE

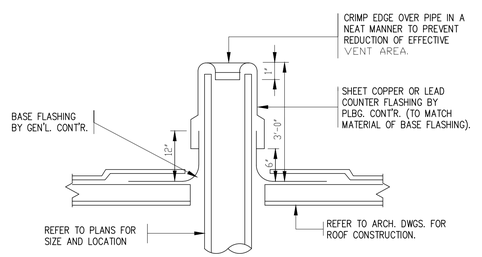
NOTES THIS DETAIL:

1. TRAP PRIMER LINE, DOWNSTREAM OF TRAP PRIMER DEVICE TO FLOOR DRAIN, SHALL BE ROUTED WITH DOWNWARD GRAVITY SLOPE TOWARD FLOOR DRAIN. POCKETS, UPWARD TURNS AND/OR TRAPS IN THE GRAVITY LINE SHALL NOT BE PERMITTED.
2. EACH TRAP PRIMER LINE SHALL ONLY SERVE A SINGLE FLOOR DRAIN.



8 P0.04 **FLOOR DRAIN MULTI-TRAP PRIMER DETAIL**

NOT TO SCALE



9 P0.04 **PLUMBING VENT THROUGH FLAT ROOF DETAIL**

NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE
ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN ITS ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

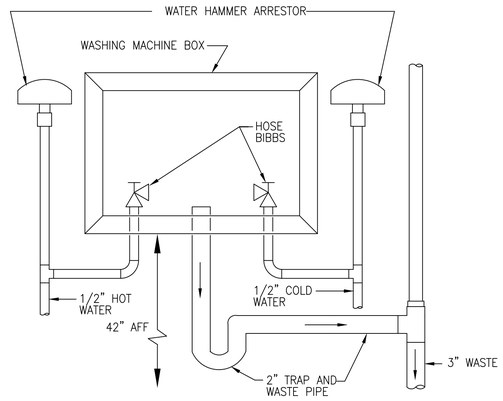
PROJECT ADDRESS:
HOME2 SUITES
BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING
DETAILS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

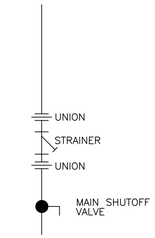
SHEET NUMBER:

P0.04



1 P0.05 **WASHING MACHINE BOX DETAIL**

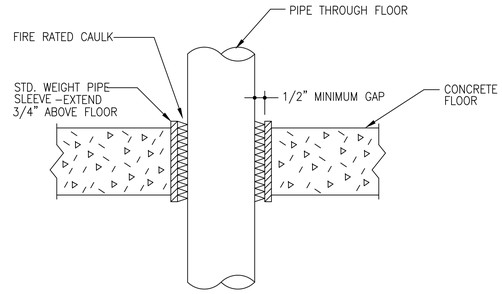
NOT TO SCALE



PRESSURE < 70psi

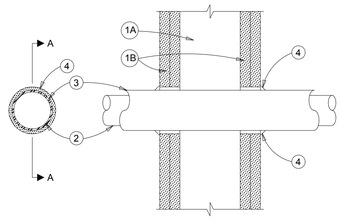
2 P0.05 **DOMESTIC WATER SERVICE ENTRANCE**

NTS



3 P0.05 **PIPE SLEEVE THROUGH FLOOR DETAIL**

NOT TO SCALE



SECTION A-A

SYSTEM NO. WL5039

F RATINGS - 1, AND 2 HR. (SEE ITEM 4)

T RATINGS - 1, AND 1-1/2 HR. (SEE ITEM 4)

WALL ASSEMBLY – THE 1, OR 2 HR. FIRE–RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC WITH NOM 2 BY 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3–5/8 IN. WIDE BY 1–3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. OC. WALLBOARD, GYPSUM* – NOM 1/2 OR 5/8 IN. THICK, 4FT. WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX. DIAM OF OPENING IN WALLBOARD LAYERS IS 8–1/2 IN.

METAL PIPE – NOM. 4 IN. DIAMETER (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE OR TYPE L (OR HEAVIER) COPPER TUBE. ONE PIPE TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE TO BE RIGIDLY SUPPORTED ON THE BOTH SIDES OF WALL ASSEMBLY.

PIPE COVERING* NOM. 1–1/2 IN. THICK HOLLOW CYLINDRICAL HEAVY DENSITY (MIN 3.5 PCF) GLASS FIBER UNITS JACKETED ON THE OUTSIDE WITH AN ALL SERVICE JACKET. LONGITUDINAL JOINTS SEALED WITH METAL FASTENERS OR FACTORY–APPLIED SELF–SEAMING LAP TAPE. TRANSVERSE JOINTS SECURED WITH METAL FASTENERS OR WITH BUTT STRIP TAPE SUPPLIED WITH PRODUCT. THE ANNULAR SPACE BETWEEN THE INSULATED PIPE AND THE EDGE OF THE THROUGH OPENING SHALL BE A MIN. 0 TO MAX. 1–1/4 IN.

SEE PIPE AND EQUIPMENT COVERING–MATERIALS*(BRGU) CATEGORY IN BUILDING MATERIALS DIRECTORY FOR NAMES OF MANUFACTURERS. ANY PIPE COVERING MATERIAL MEETING THE ABOVE SPECIFICATIONS AND BEARING THE UL CLASSIFICATION MARKING WITH FLAME SPREAD INDEX OF 25 OR LESS AND A SMOKE DEVELOPED INDEX OF 50 OR LESS MAY BE USED.

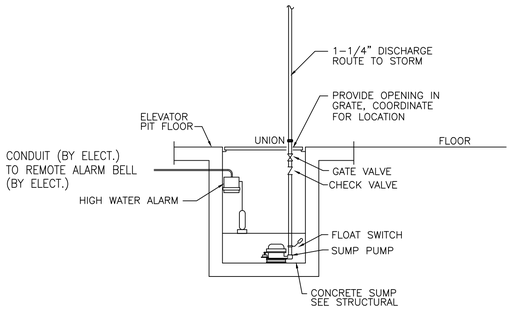
FILL, VOID OR CAVITY MATERIAL* –CAULK– INSTALLED TO FILL ANNULAR SPACE THROUGHOUT THICKNESS OF GYPSUM WALLBOARD LAYERS, FLUSH WITH EACH SURFACE OF WALL. A MIN. 1/2 IN. DIAM BEAD OF CAULK SHALL BE APPLIED TO THE PIPE INSULATION/WALLBOARD INTERFACE AT THE POINT CONTACT LOCATION ON BOTH SIDES OF WALL. THE HOURLY F AND T RATINGS OF THE FIRESTOP SYSTEM ARE 1 HR WHEN INSTALLED IN A 1 HR FIRE RATED WALL. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS 2 HR WHEN INSTALLED IN A 2 HR FIRE RATED WALL. WHEN INSTALLED IN A 2 HR. FIRE RATED WALL, T RATING IS 1 HR WHEN COPPER TUBE IS USED AND 1–1/2 HR WHEN STEEL PIPE IS USED.

MINNESOTA MINING & MFG. CO. – TYPE MPS–2+

BEARING THE UL CLASSIFICATION MARKING.

5 P0.05 **PIPING PENETRATION DETAIL**

NOT TO SCALE



PUMP: PROVIDE SUMP PUMP WITH FLOAT SWITCH PROVIDE WITH HIGH WATER ALARM FLOAT & OIL MINDER CONTROL SYSTEM WITH BUILT–IN AUDIBLE & VISUAL ALARM. SEPARATE OIL & HIGH WATER CONTACTS FOR ALARM SHALL BE LOCATED IN REGULARLY ATTENDED AREA.

COORDINATE POWER WITH GC AND ELECTRICAL CONTRACTOR

4 P0.05 **ELEVATOR SUMP DETAIL**

NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@dmdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@dmdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING

1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING DETAILS

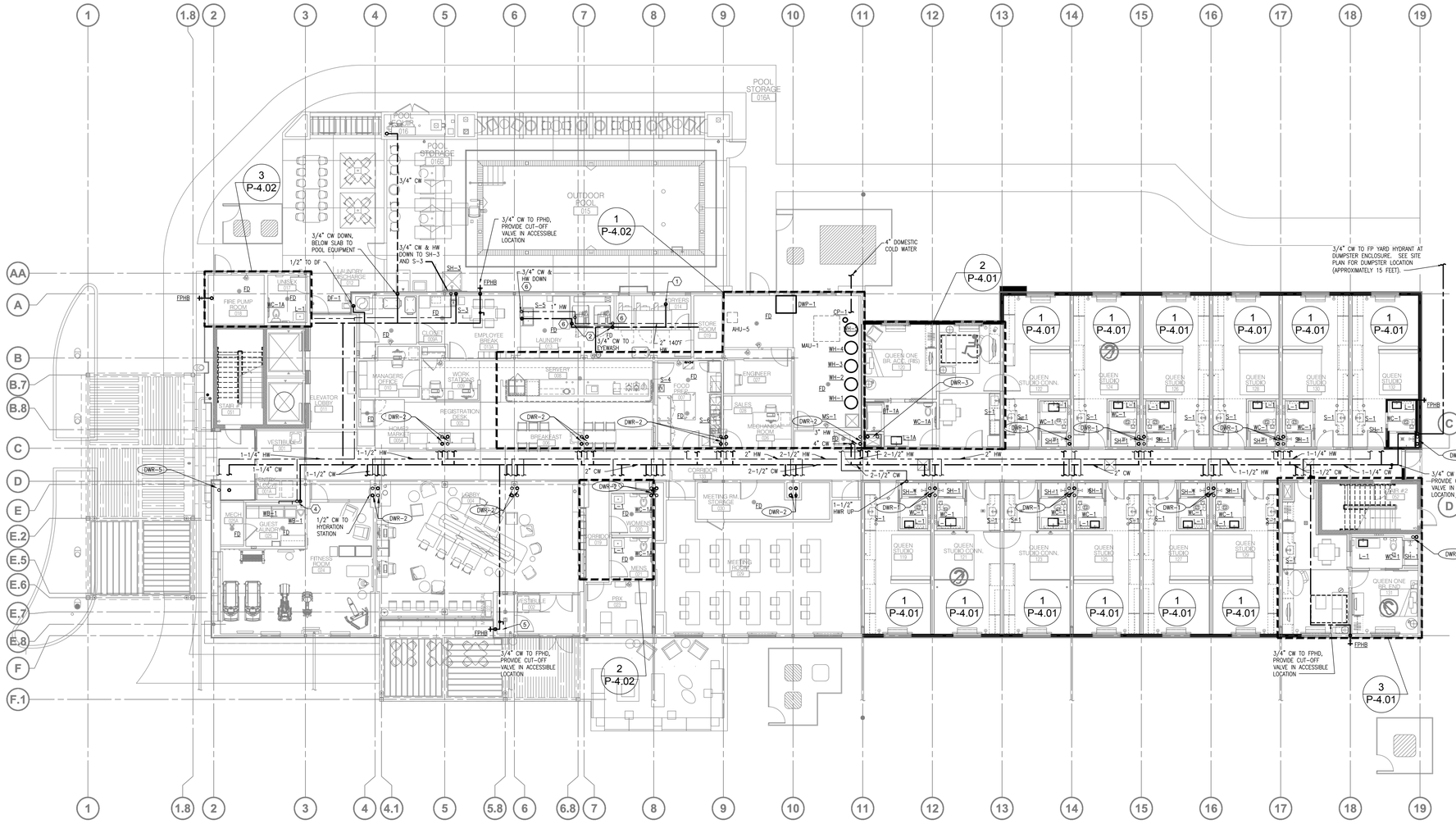
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

P0.05



1 P1.01 WATER FIRST FLOOR PLAN

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

1. PROVIDE CUT-OFF VALVES AT THE BASE OF EACH DOMESTIC WATER RISER, LOCATED IN AN ACCESSIBLE AREA.

KEY NOTES:

APPLY THIS SHEET ONLY

1. PROVIDE COLD WATER CONNECTION TO DRYERS IF REQUIRED BY MANUFACTURER. COORDINATE WITH EQUIPMENT PROVIDER FOR EQUIPMENT SPECIFICATIONS AND LINE SIZE REQUIREMENTS.
2. 1-1/4" CW & HW DOWN TO WASHERS. CONNECT AS REQUIRED. COORDINATE WITH EQUIPMENT PROVIDER FOR EQUIPMENT SPECIFICATIONS AND EXACT CONNECTION REQUIREMENTS.
3. 3/4" CW & HW DOWN TO WASHER BOX (WB-1)
4. PROVIDE TRAP SEAL PRIMER TO SERVE TWO FLOOR DRAINS, ONE IN MECH 025A AND ONE IN GUEST LAUNDRY 025. LOCATE SUCH THAT IT IS ACCESSIBLE VIA LAY-IN CEILING.
5. PROVIDE TRAP SEAL PRIMER TO SERVE FLOOR DRAIN IN MECH 022.
6. PROVIDE TRAP SEAL PRIMER TO SERVE NEARBY FLOOR DRAIN.
7. PROVIDE TRAP SEAL PRIMER TO SERVE TWO FLOOR DRAINS, ONE IN UNISEX RESTROOM 018A AND ONE IN HOME2 MARKET 005A.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
WATER FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
P1.01



1 P1.02

WATER
SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
WATER SECOND FLOOR PLAN

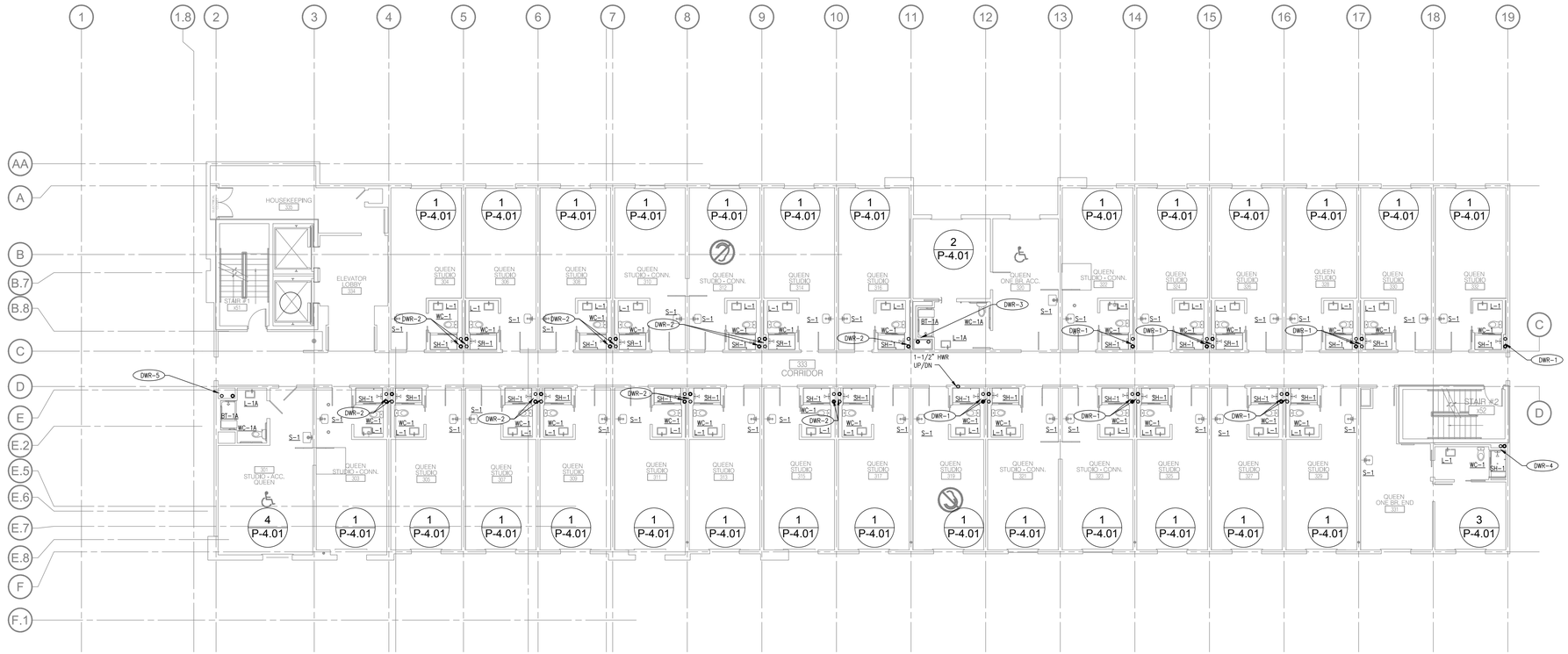
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

P1.02



1 P1.03

WATER
THIRD FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

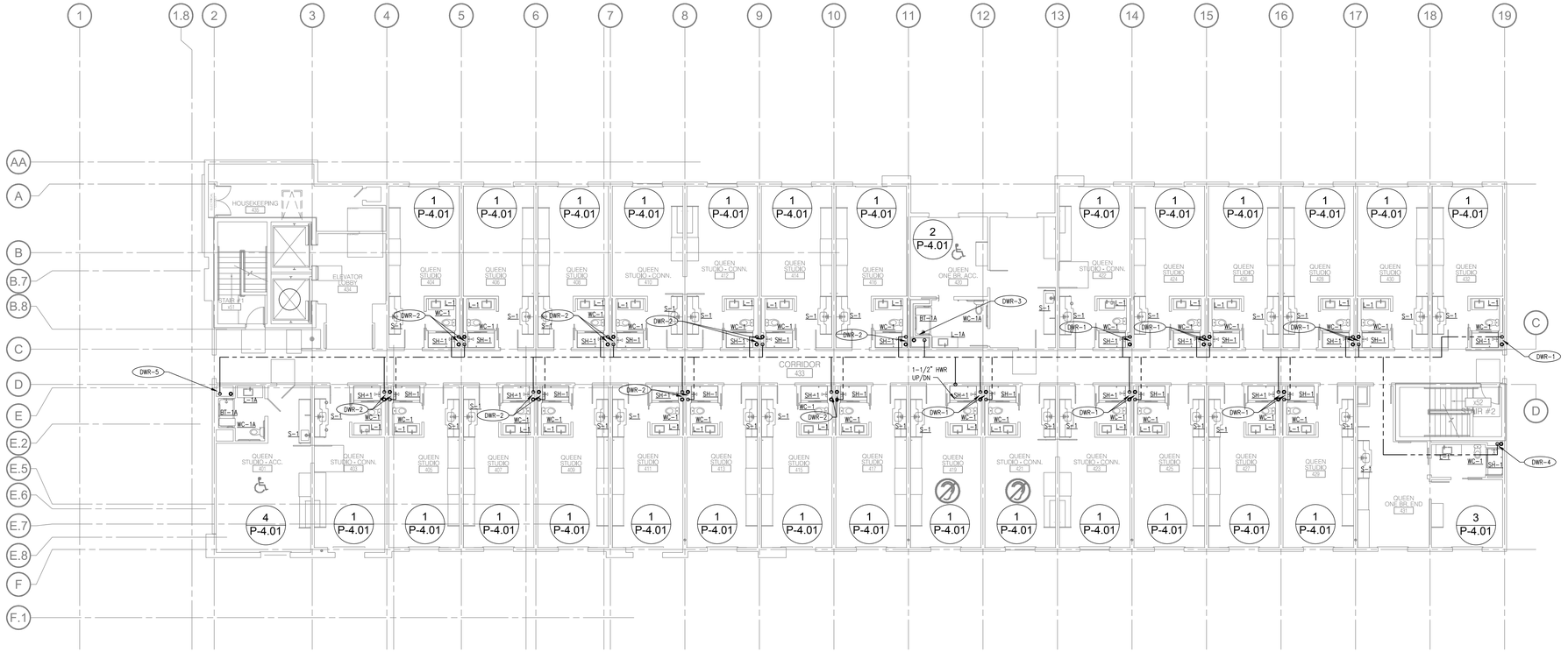
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
WATER
THIRD FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

P1.03



1 P1.04

WATER
FOURTH FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

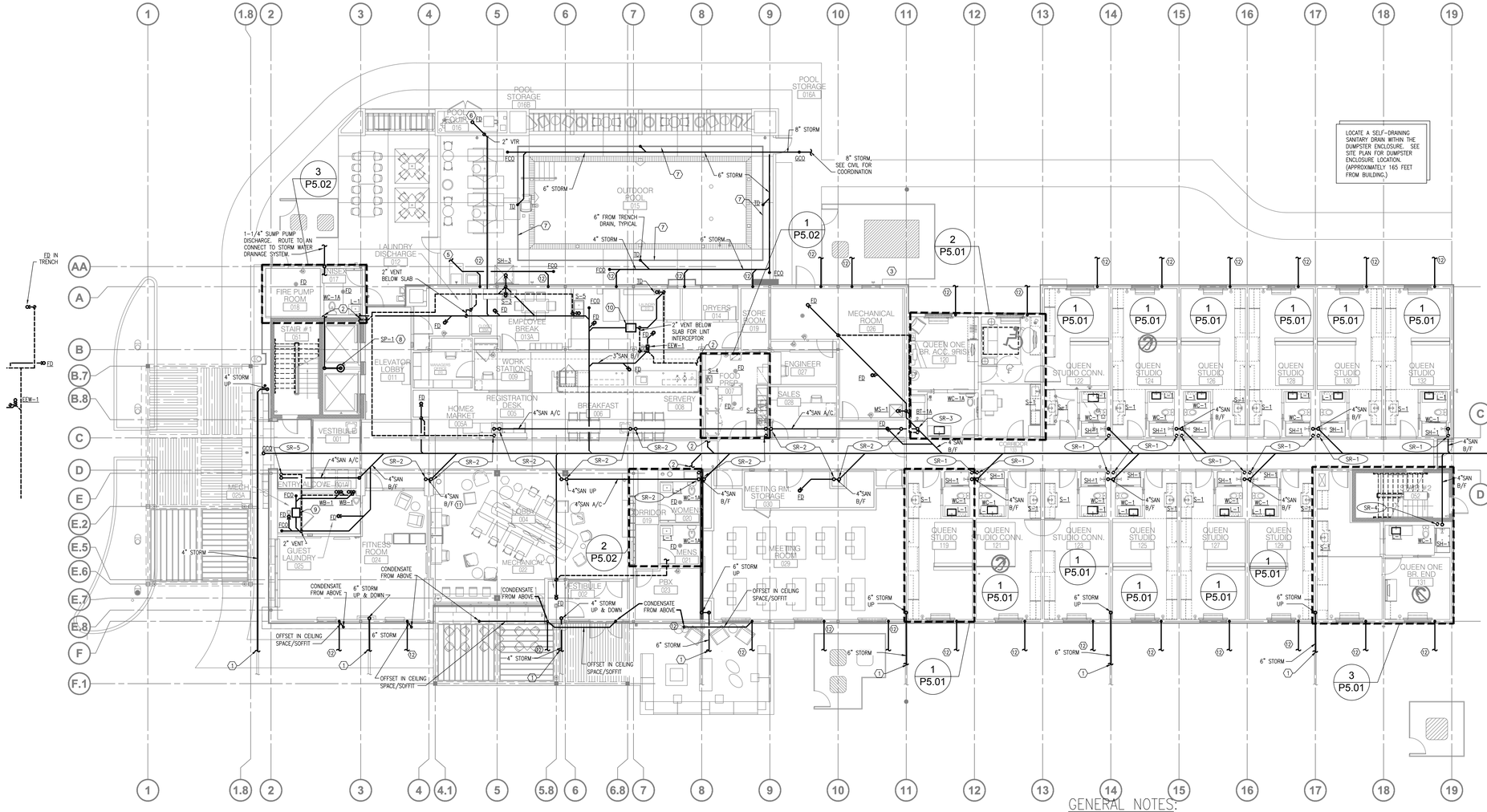
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
WATER
FOURTH FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

P1.04



PLUMBING DRAINAGE - FIRST FLOOR PLAN

1 / P2.01

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

1. ALL CONDENSATE DRAINS FROM PTAC'S (GUEST ROOM AIR CONDITIONING UNITS) AND ROOF DOWNSPOUTS SHALL BE CONNECTED TO THE STORM SYSTEM.
2. UNLESS NOTED OTHERWISE, SANITARY, WASTE AND STORM PIPING SHOWN ON THIS PLAN IS LOCATED BELOW THE SLAB. CLOSELY COORDINATE ROUTING WITH FOOTINGS – REFER TO STRUCTURAL.

KEY NOTES:

APPLY THIS SHEET ONLY

1. CONNECT TO STORM, SEE CIVIL FOR CONTINUATION.
2. SEE ENLARGED PLANS FOR CONTINUATION.
3. CLOSELY COORDINATE WITH GAS PIPING INSTALLATION IN THIS AREA, SEE 1/P3.01.
4. NOT USED.
5. 4" STORM, SEE CIVIL FOR CONTINUATION.
6. 4" FLOOR DRAIN LOCATED IN POOL BACKWASH PIT. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT PIT LOCATION.
7. POOL TRENCH DRAIN SYSTEM. J.R. SMITH MODEL # 9812 SYSTEM WITH MEDIUM DUTY STAINLESS STEEL GRATE. COORDINATE EXACT LOCATION WITH ARCHITECT, STRUCTURAL AND POOL CONSULTANT. PROVIDE ALL NECESSARY COMPONENTS TO COMPLETE SYSTEM.
8. ELEVATOR SUMP PUMP. REFER TO SCHEDULE FOR MANUFACTURER/MODEL. SEE SUMP PUMP DETAIL 4/P0.05 FOR MORE INFORMATION. ROUTE DISCHARGE TO EXTERIOR AND TERMINATE PER CODE. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT PIT LOCATION.
9. LINT INTERCEPTOR AT GUEST LAUNDRY, LAYOUT BASIS, JOSAM MODEL 61805 AT 70 GPM FLOW RATE. ACCESS COVER SHALL BE FLUSH WITH ADJACENT SURFACE. PROVIDE EXTENSION AS REQUIRED.
10. LINT INTERCEPTOR AT HOUSE LAUNDRY 113, LAYOUT BASIS, JOSAM MODEL 61806 AT 200 GPM FLOW RATE. ACCESS COVER SHALL BE FLUSH WITH ADJACENT SURFACE. PROVIDE EXTENSION AS REQUIRED.
11. 4" SANITARY FROM ABOVE. ROUTE DOWN IN WALL – COORDINATE EXACT ROUTING WITH HYDRATION STATION AT COLUMN LINE 4.
12. 2" CONDENSATE (CD) TO STORM. SEE CIVIL FOR CONTINUATION. REFER TO M DRAWINGS AND RISERS FOR PIPING FROM UNITS ABOVE.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

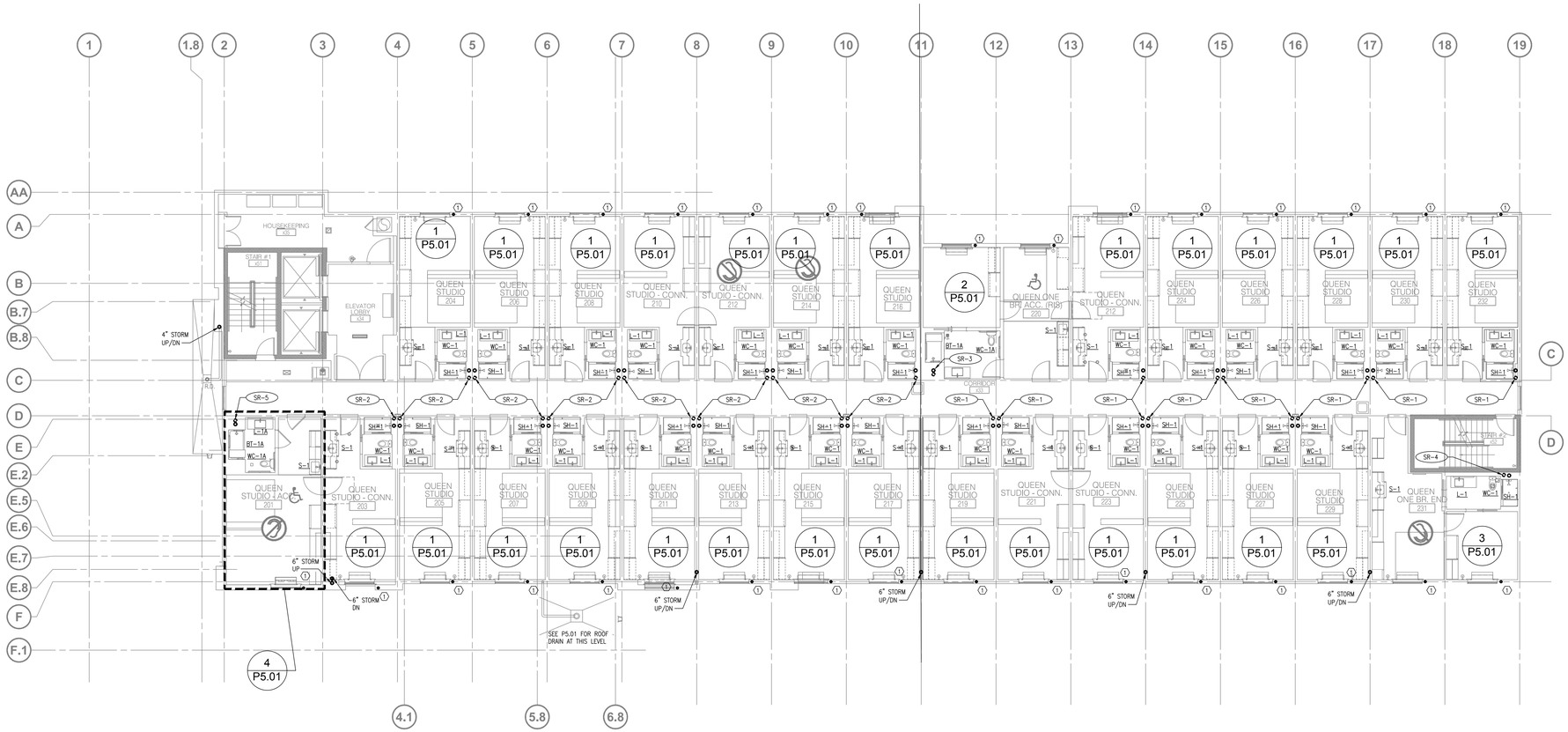
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING DRAINAGE - FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

P2.01



PLUMBING DRAINAGE - SECOND FLOOR PLAN

1 / P2.02

SCALE: 3/32" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

〈1〉 CONDENSATE RISER UP AND DOWN. REFER TO M DRAWINGS AND RISER 1/M4.04.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761
GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:

HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:

PLUMBING DRAINAGE - SECOND FLOOR PLAN

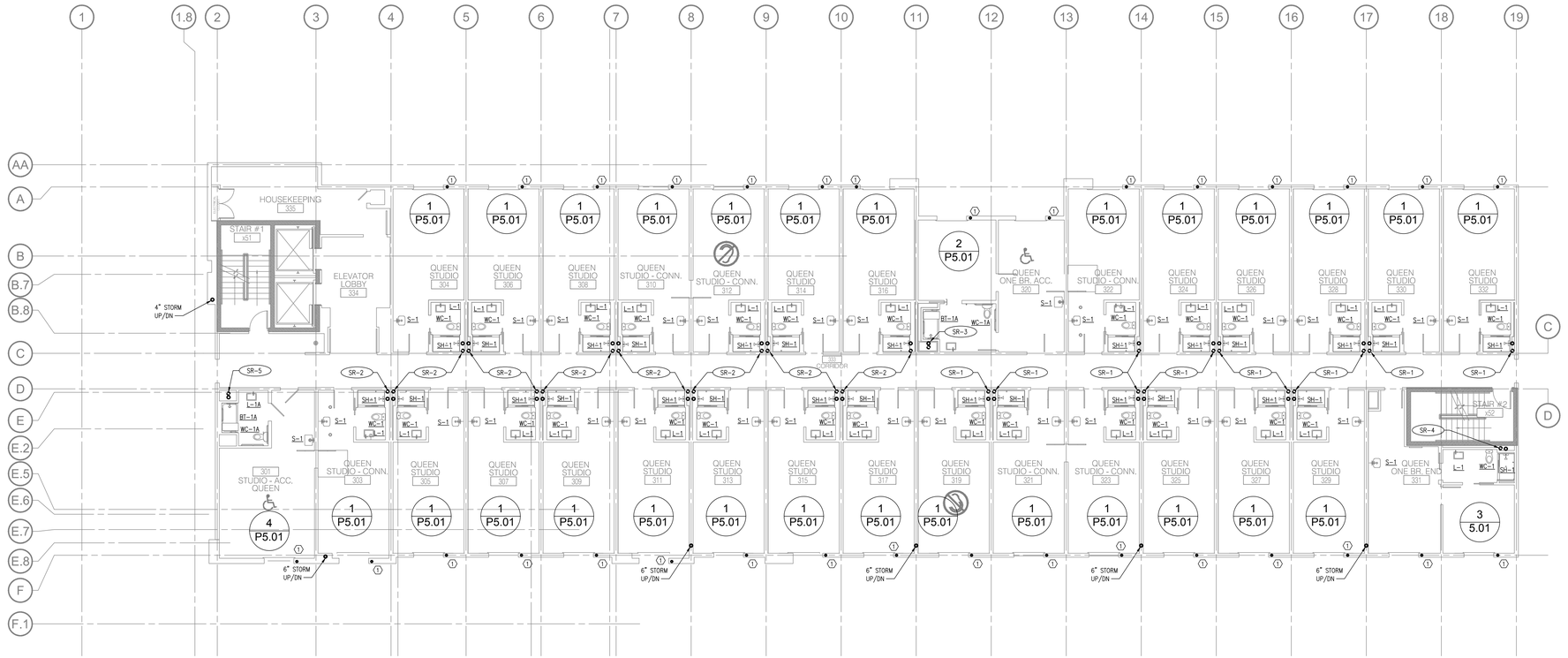
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

P2.02



1
P2.03

PLUMBING DRAINAGE THIRD FLOOR PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES:
APPLY THIS SHEET ONLY

1 CONDENSATE RISER UP AND DOWN. REFER TO M DRAWINGS AND RISER 1/M4.04.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761
GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

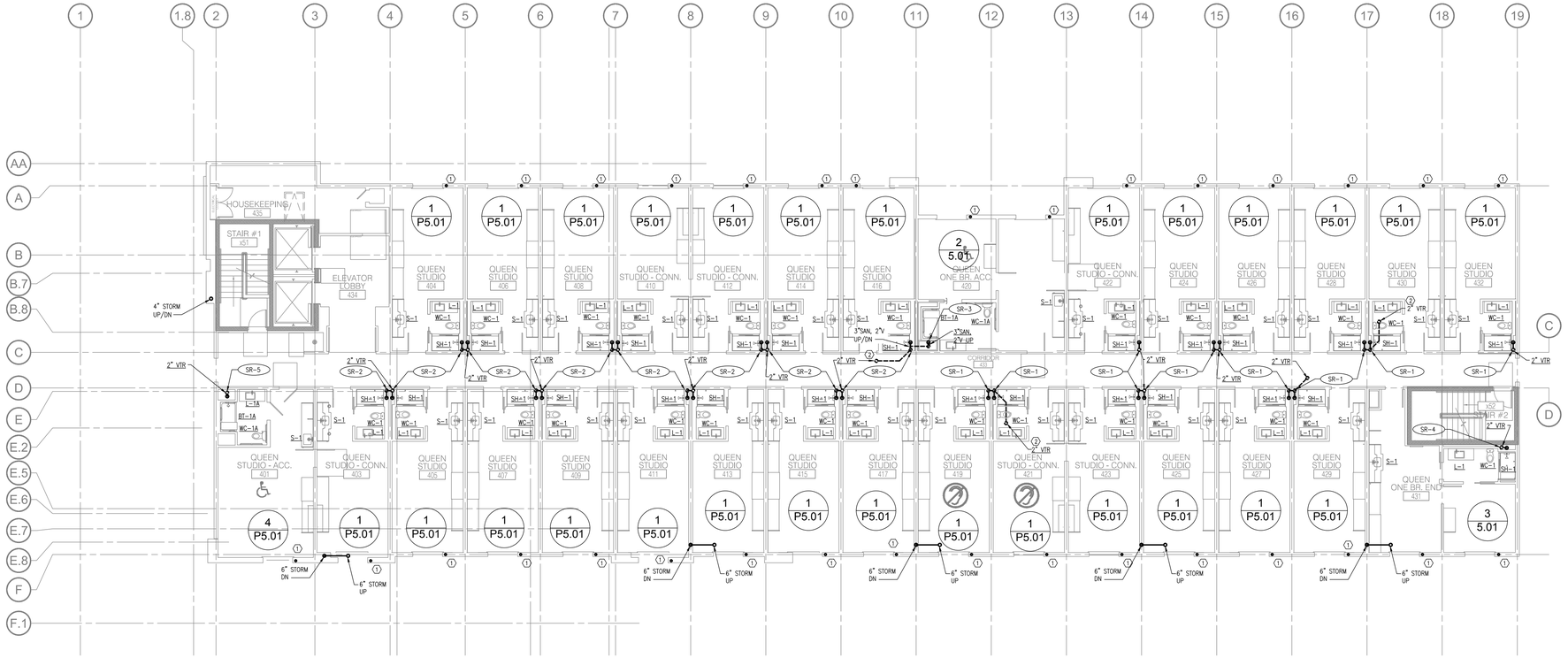
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING DRAINAGE - THIRD FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
P2.03



1 P2.04 PLUMBING DRAINAGE - FOURTH FLOOR PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

1. CONDENSATE RISER DOWN. REFER TO M DRAWINGS AND RISER 1/M4.04.
2. OFFSET VENTS BELOW ROOF TO MAINTAIN 10 FEET DISTANCE FROM OUTSIDE AIR OPENING OF MAKEUP AIR UNIT. COORDINATE EXACT ROUTING WITH STRUCTURAL.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761
GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:

HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:

PLUMBING DRAINAGE - FOURTH FLOOR PLAN

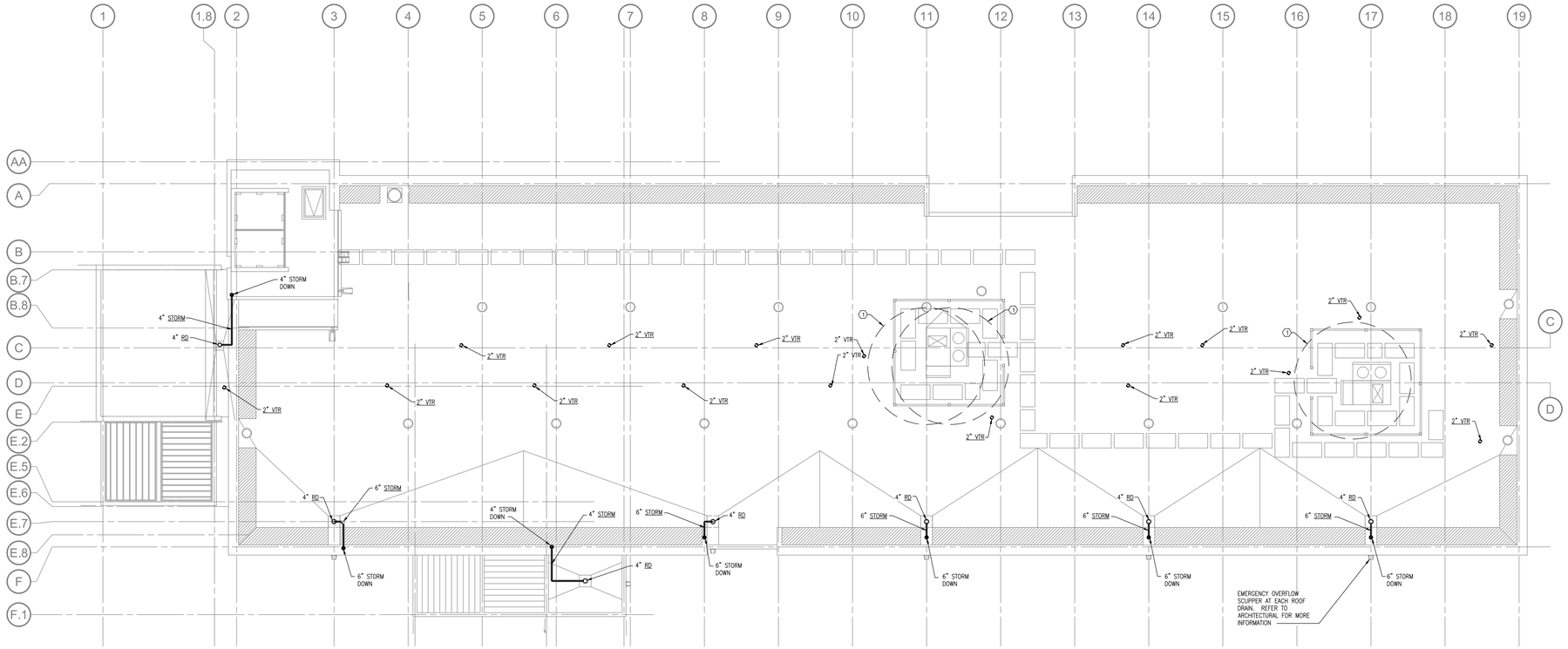
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

P2.04



1
P2.05

PLUMBING ROOF PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES:

APPLY THIS SHEET ONLY

(1) MAINTAIN 10 FEET DISTANCE BETWEEN ANY PLUMBING VENT THROUGH ROOF TO OUTSIDE AIR OPENING OF MAKEUP AIR UNIT.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

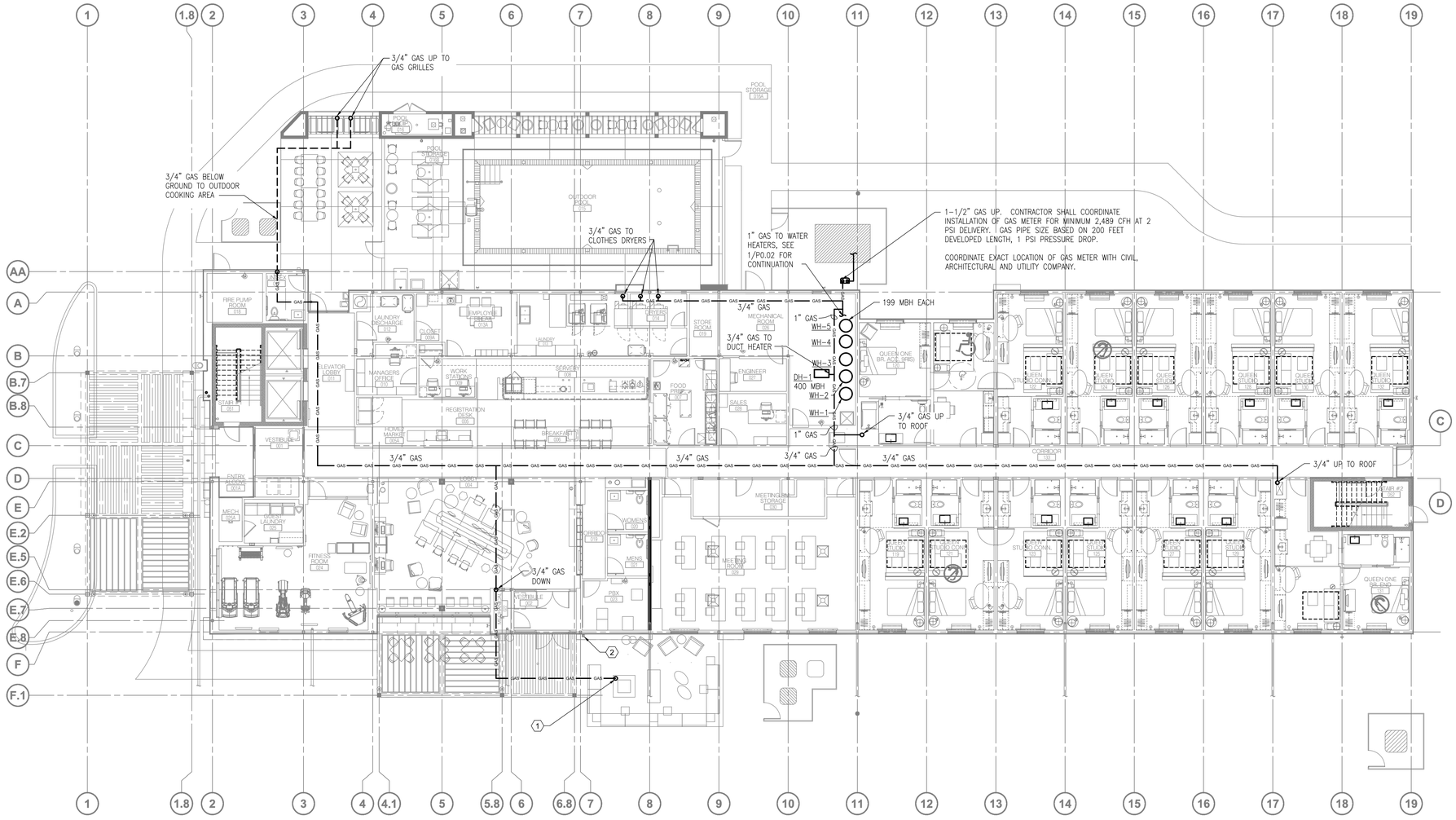
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
PLUMBING ROOF PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
P2.05



1 / P3.01 FIRST FLOOR PLAN - GAS

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

APPLY TO ALL PLUMBING SHEETS

1. PROVIDE GAS REGULATOR AT ALL APPLIANCES AND GAS BURNING EQUIPMENT. REFER TO DETAIL 1/P0.03.

KEY NOTES:

APPLY THIS SHEET ONLY

1. 3/4" GAS DOWN TO FIRE PIT AT OUTDOOR LOUNGE SPACE. PROVIDE A HIGHLY VISIBLE EMERGENCY SHUT-OFF BUTTON WITHIN THE PATIO AREA. BUTTON MUST BE INSTALLED WITH NO VISIBLE CONDUIT.
2. EMERGENCY SHUT-OFF BUTTON LOCATION. COORDINATE WITH ARCHITECTURAL. AS AN OPTION, PROVIDE AN ADDITIONAL ON/OFF SWITCH FOR GAS FIRE PIT AT THE FRONT DESK – COORDINATE WITH OWNER.

GAS PIPE SIZING SUMMARY

SIZING BASED ON NATURAL GAS AT 0.6 SPECIFIC GRAVITY AT 2 PSI DELIVERY PRESSURE AND 1.0 PSI PRESSURE DROP.

	INPUT CFH
MBH INPUT (CLOTHES DRYERS)	495
MBH INPUT (MAKE-UP AIR UNITS + DUCT HEATER)	899
MBH INPUT (WATER HEATING)	995
MBH INPUT (COOKING – OUTDOOR GRILLES)	100
TOTAL CFH REQUIRED	2489
DEVELOPED LENGTH (FEET)	200'
GAS PRESSURE AT APPLIANCES	13" WC OR LESS

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRST FLOOR PLAN - GAS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
P3.01



1 P3.02 SECOND FLOOR PLAN - GAS

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SECOND FLOOR PLAN - GAS

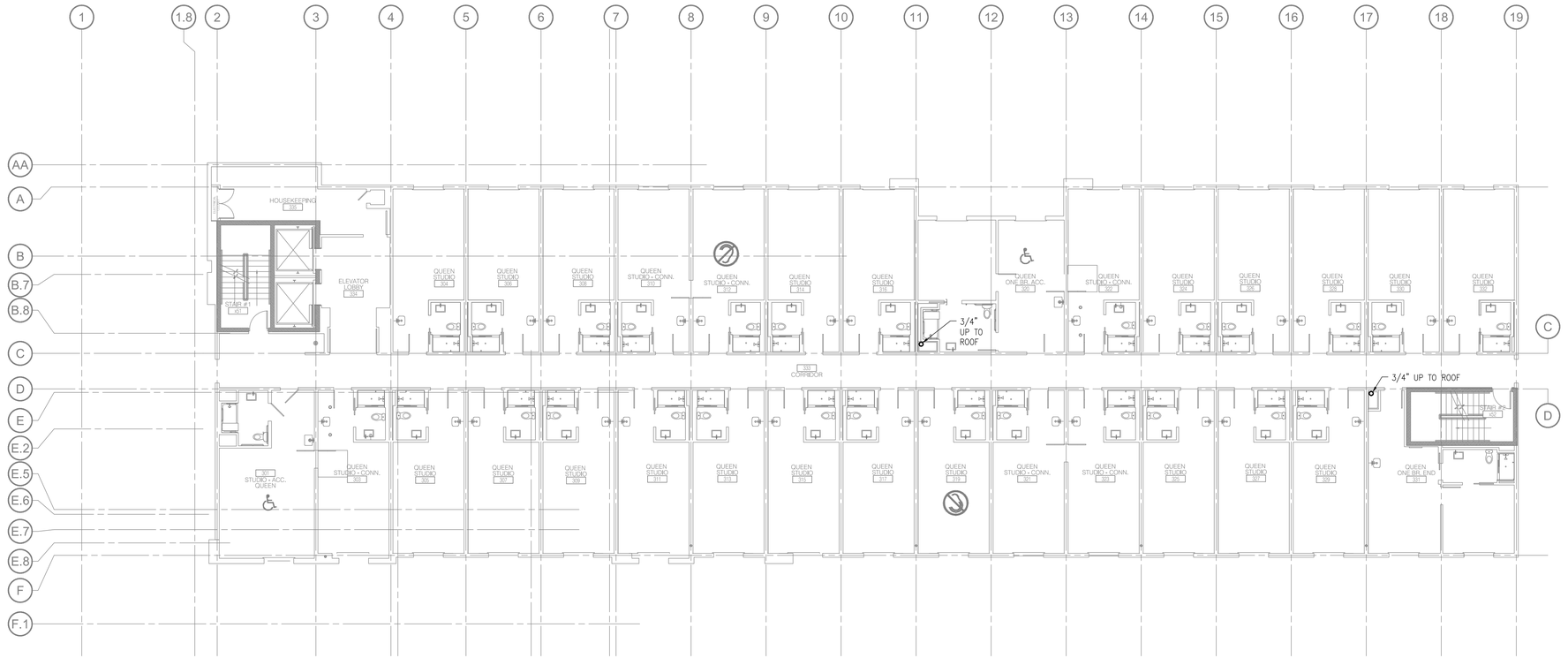
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

P3.02



1 / P3.03 THIRD FLOOR PLAN - GAS

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax. 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:

HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:

THIRD FLOOR PLAN - GAS

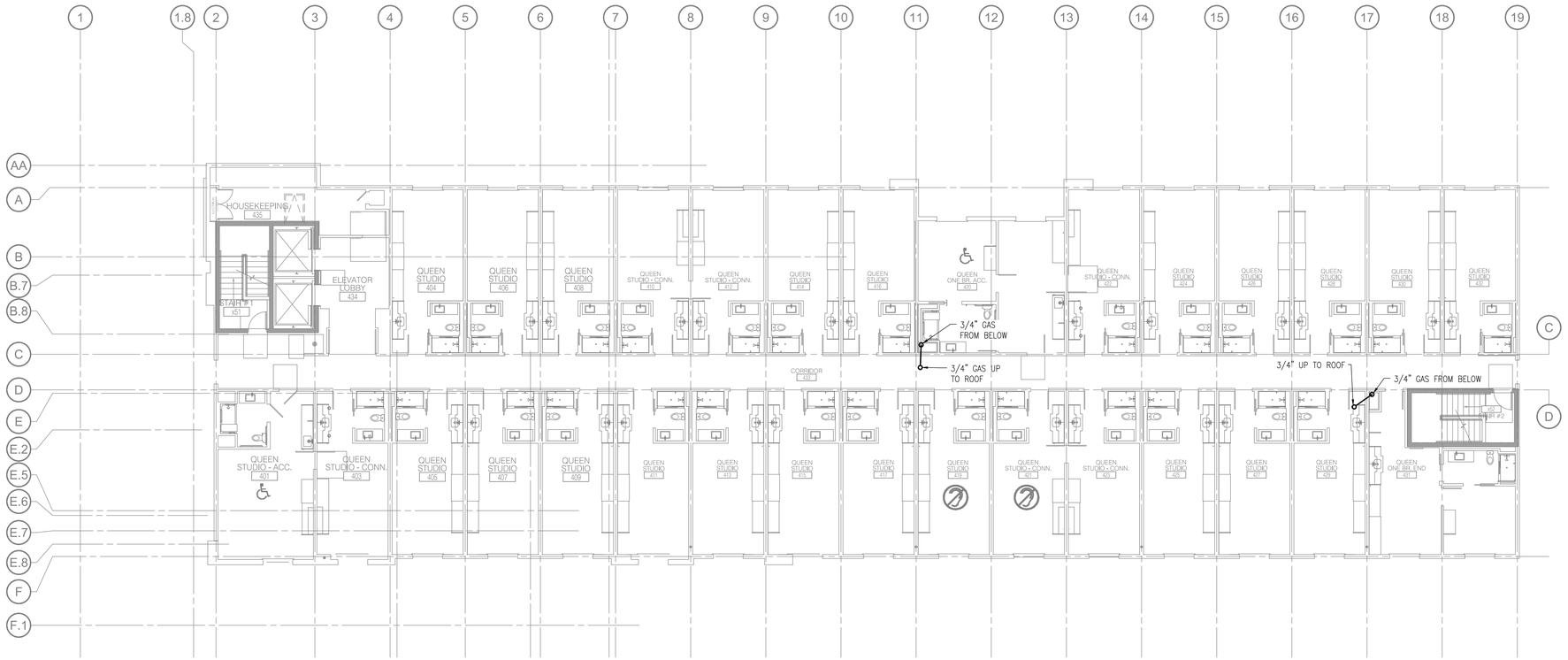
PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

P3.03



1 P3.04 FOURTH FLOOR PLAN - GAS

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761
GEI # 19222

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

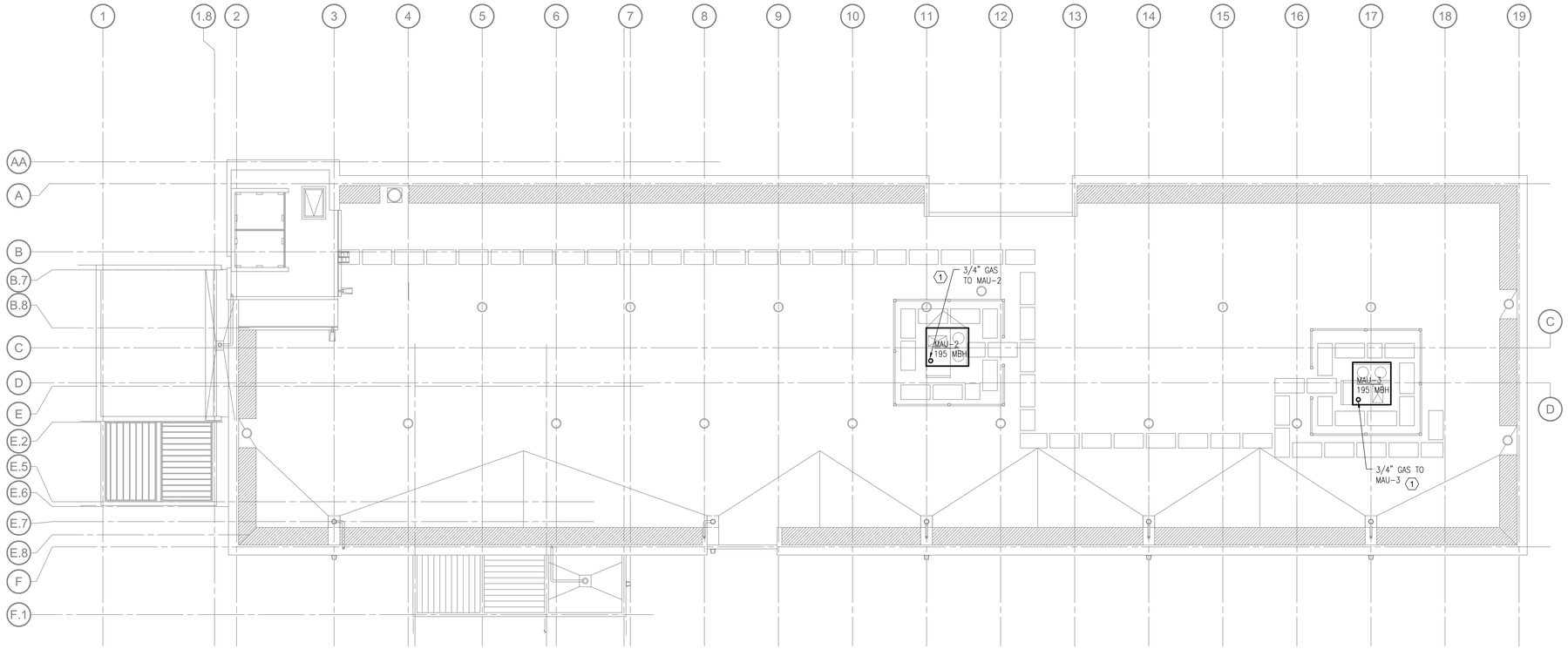
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FOURTH FLOOR PLAN - GAS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
P3.04



1 P3.05 **ROOF PLAN - GAS**

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

APPLIES TO ALL PLUMBING SHEETS

1. PROVIDE GAS REGULATOR AT ALL APPLIANCES AND GAS BURNING EQUIPMENT. REFER TO DETIAL 1/P0.03.

KEY NOTES:

APPLY THIS SHEET ONLY

1. OFFSET GAS PIPING IN CEILING SPACE BELOW TO COORDINATE WITH MAKEUP AIR UNIT GAS CONNECTION.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

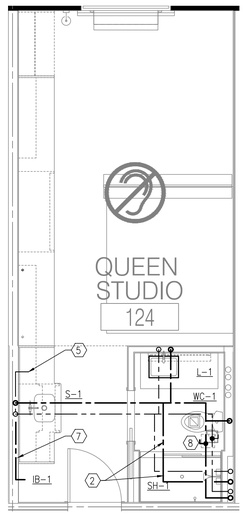
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

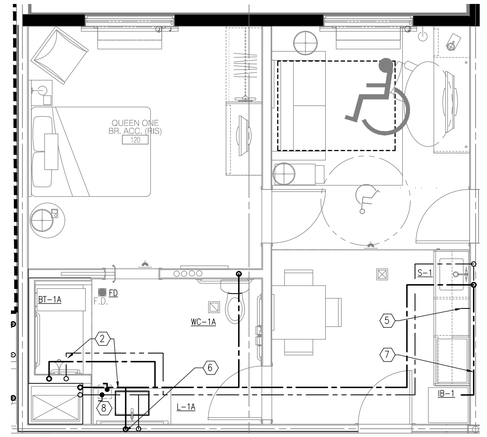
LAYOUT:
ROOF PLAN - GAS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

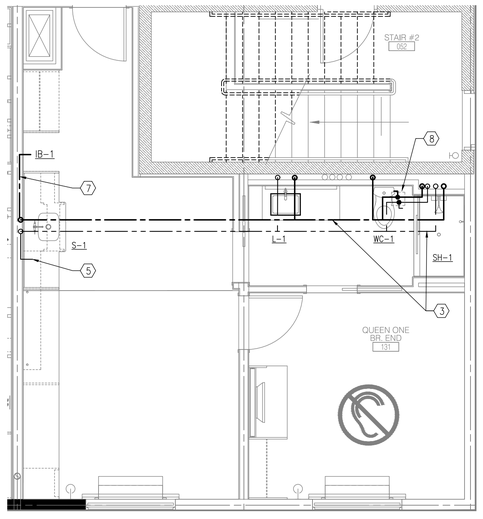
SHEET NUMBER:
P3.05



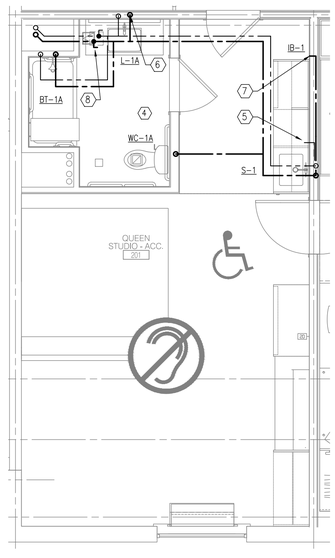
1 P4.01 **QUEEN STUDIO - WATER**
SCALE: 1/4" = 1'-0"



2 P4.01 **QUEEN ONE BEDROOM ACCESSIBLE (RIS.) - WATER**
SCALE: 1/4" = 1'-0"



3 P4.01 **QUEEN ONE BEDROOM END - WATER**
SCALE: 1/4" = 1'-0"



4 P4.01 **QUEEN STUDIO ACCESSIBLE - WATER**
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO FLOOR PLANS FOR CONDENSATE DRAINS AT AIR CONDITIONING UNITS. ALSO REFER TO MECHANICAL PLANS.
2. COORDINATE LOCATION OF CUT OFF VALVES TO EACH ROOM WITH THE LOCATION OF THE ACCESS PANEL, SHOWN DASHED ON THESE PLANS. REFER TO ARCHITECTURAL PLAN FOR EXACT LOCATION.

KEY NOTES:

APPLY THIS SHEET ONLY

1. SEE DWR-1/P6.01 FOR PIPE SIZES
2. SEE DWR-3/P6.01 FOR PIPE SIZES
3. SEE DWR-4/P6.02 FOR PIPE SIZES
4. SEE DWR-5/P6.02 FOR PIPE SIZES
5. 1/2" HW TO DISHWASHER
6. PROVIDE TRAP SEAL PRIMER CONNECTED TO NEARBY FLOOR DRAIN
7. 1/4" FLEXIBLE TUBING TO IB-1 AT REFRIGERATOR
8. APPROXIMATE LOCATION OF ACCESS PANEL FOR CUT OFF VALVES TO EACH ROOM, SEE GENERAL NOTE 2 ABOVE. REFER TO ARCHITECTURAL PLAN FOR EXACT LOCATION.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
WATER ENLARGED PLANS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

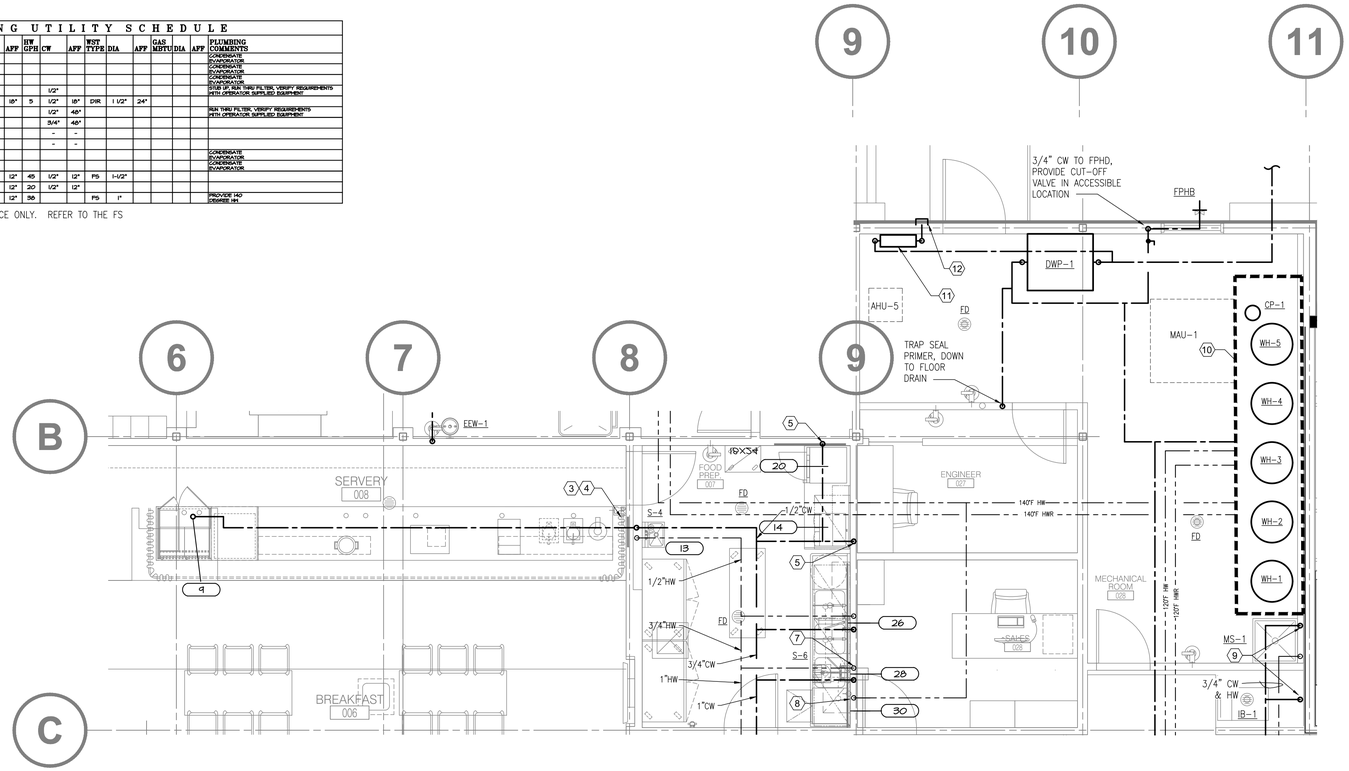
SHEET NUMBER:

P4.01

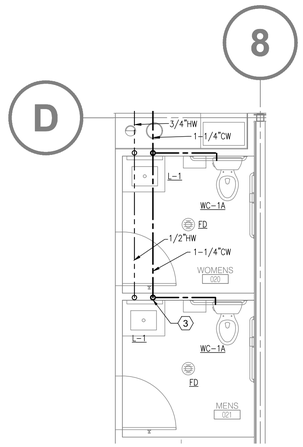
PLUMBING UTILITY SCHEDULE

R.	ITEM	QTY	DESCRIPTION	HW	AFF	HW GPH	CW	AFF	WST TYPE	DIA	AFF	GAS MBTU	DIA	AFF	PLUMBING COMMENTS
	1	1	DISPLAY FREEZER												CONDENSATE EVAPORATOR
	2	1	DISPLAY REFRIGERATOR												CONDENSATE EVAPORATOR
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR												CONDENSATE EVAPORATOR
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)				1/2"								STUB UP W/ 3/8" TUBE FILTER, VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	13	1	HAND SINK W/ SOAP & TOWEL DISPENSER	1/2"	18"	5	1/2"	18"	DIR	1 1/2"	24"				
	14	1	COFFEE MAKER (OPERATOR FURNISHED)				1/2"	48"							RUN 3/8" TUBE FILTER, VERIFY REQUIREMENTS WITH OPERATOR SUPPLIED EQUIPMENT
	20	1	CONVECTION OVEN (VENTLESS)				3/4"	48"							
	21	1	SPARE NUMBER				-	-							
	22	1	SPARE NUMBER				-	-							
	23	1	MOBILE REACH-IN REFRIGERATOR												CONDENSATE EVAPORATOR
	24	1	MOBILE REACH-IN FREEZER												CONDENSATE EVAPORATOR
	26	1	DISH/ POT WASHING SINKS	1/2"	12"	45	1/2"	12"	FS	1-1/2"					
	28	1	PRE-RINSE HV FAUCET	1/2"	12"	20	1/2"	12"							
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)	1/2"	12"	38			FS	1"					PROVIDE 3/4" DRAINER BR.

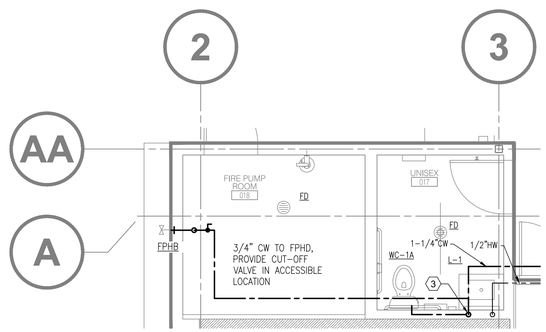
PLUMBING UTILITIES SCHEDULE SHOWN HERE FOR REFERENCE ONLY. REFER TO THE FS SERIES OF DRAWINGS FOR THE LATEST FIXTURES.



1 P4.02 MECHANICAL ROOM & WORK AREA - WATER
SCALE: 1/4" = 1'-0"



2 P4.02 PUBLIC RESTROOMS - WATER
SCALE: 1/4" = 1'-0"



3 P4.02 UNISEX RESTROOM - WATER
SCALE: 1/4" = 1'-0"

KEY NOTES:
APPLY THIS SHEET ONLY

1. DWR-3A. PROVIDE TRAP SEAL PRIMER FOR FLOOR DRAIN.
2. 1/2" CW & HW DOWN TO S-5.
3. PROVIDE TRAP SEAL PRIMER TO SERVE TWO FLOOR DRAINS.
4. ROUTE 1/2" COLD WATER DOWN IN WALL AND ROUTE UNDER COUNTER TO JUICE DISPENSER.
5. 1/2" COLD WATER DOWN IN WALL TO COFFEE MAKER
6. 3/4" COLD WATER DOWN IN WALL TO CONVECTION OVEN.
7. TRAP SEAL PRIMER FOR FLOOR SINK.
8. 1/2" 140°F HW TO DISHWASHING MACHINE.
9. TRAP SEAL PRIMER TO FLOOR DRAIN.
10. GUEST ROOM WATER HEATER SYSTEM. SEE DETAIL 1/P0.02 FOR PIPING DIAGRAM DETAIL.
11. 1-1/2" CW SECONDARY BACKFLOW PREVENTER FOR IRRIGATION AS REQUIRED PER CODE.
12. 1-1/4" STUB-OUT CAPPED BELOW GRADE. CONTINUATION BY IRRIGATION CONSULTANT. FIELD COORDINATE EXACT LOCATION WITH IRRIGATION CONSULTANT.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

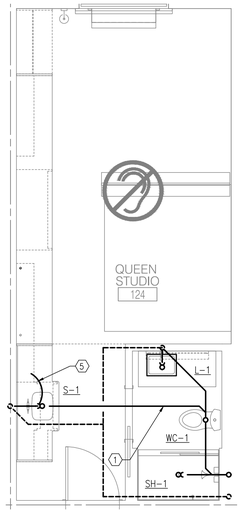
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

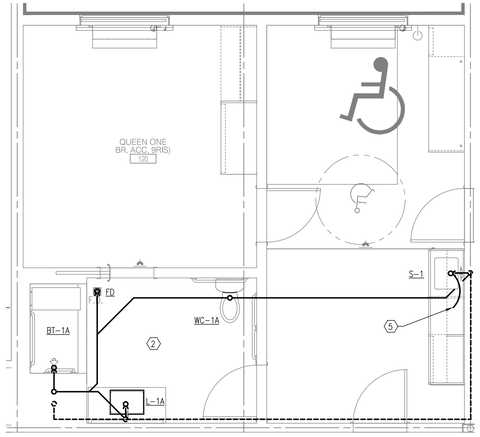
LAYOUT:
WATER ENLARGED PLANS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

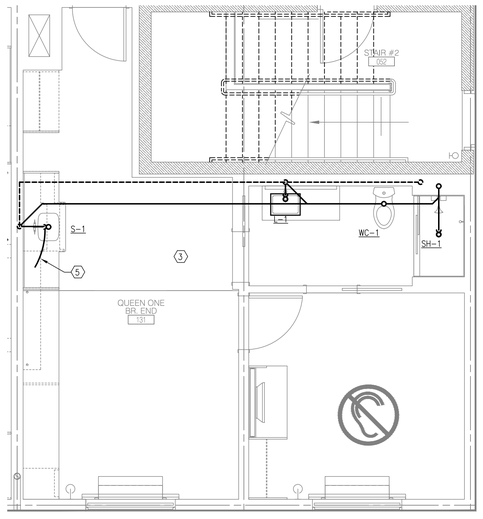
SHEET NUMBER:
P4.02



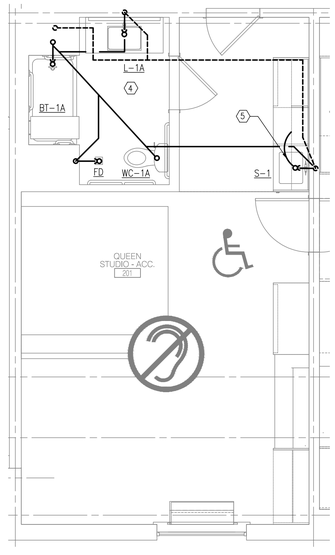
1 P5.01 **QUEEN STUDIO - SANITARY**
SCALE: 1/4" = 1'-0"



2 P5.01 **QUEEN BEDROOM ACCESSIBLE (RIS.) - SANITARY**
SCALE: 1/4" = 1'-0"



3 P5.01 **QUEEN BEDROOM END - SANITARY**
SCALE: 1/4" = 1'-0"



4 P5.01 **QUEEN STUDIO ACCESSIBLE - SANITARY**
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO FLOOR PLANS FOR CONDENSATE DRAINS AT AIR CONDITIONING UNITS. RISER TO BE CONNECTED TO NEAREST STORM DRAIN. ALSO REFER TO MECHANICAL PLANS.

KEY NOTES:

APPLY THIS SHEET ONLY

1. SEE SR-1/P7.01 FOR PIPE SIZES
2. SEE SR-3/P7.01 FOR PIPE SIZES
3. SEE SR-4/P7.02 FOR PIPE SIZES
4. SEE SR-5/P7.02 FOR PIPE SIZES
5. PROVIDE DRAIN LINE FROM DISHWASHER TO DISPOSAL TAP AT EACH GUESTROOM SINK. REFER ALSO TO DETAIL 7/P0.03.

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589
2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

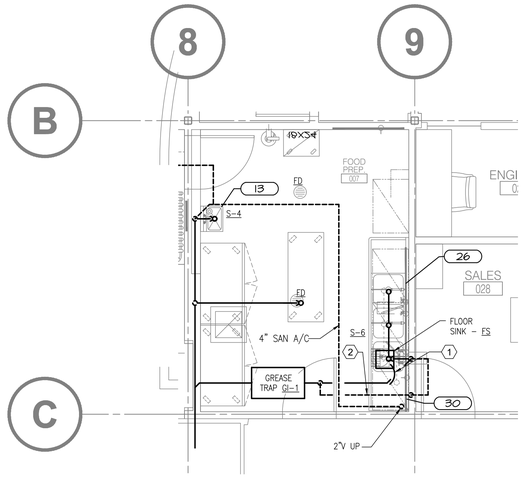
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SANITARY ENLARGED PLANS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

P5.01



1 P5.02 **WORK AREA - SANITARY**
SCALE: 1/4" = 1'-0"

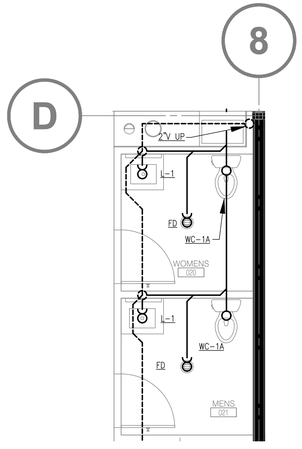
KEY NOTES:
APPLY THIS SHEET ONLY

1. DISHWASHER DRAIN TO FLOOR SINK
2. 2" VENT BELOW GRADE/SLAB FOR INTERCEPTOR PER CODE.

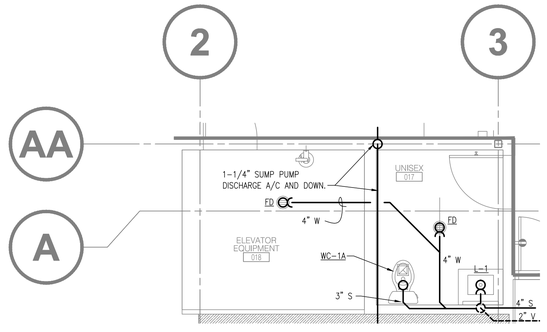
PLUMBING UTILITY SCHEDULE

R	ITEM	QTY	DESCRIPTION	HW	AFF	HW GPH	CW	AFF	WST TYPE	DIA	AFF	GAS MBTU	DIA	AFF	PLUMBING COMMENTS
	1	1	DISPLAY FREEZER												CONDENSATE EVAPORATOR
	2	1	DISPLAY REFRIGERATOR												CONDENSATE EVAPORATOR
	4	1	UNDERCOUNTER DISPLAY REFRIGERATOR												CONDENSATE EVAPORATOR
	9	1	JUICE DISPENSER (OPERATOR FURNISHED)				1/2"								WITH OPTIONAL WATER FILTER, VERIFY REQUIREMENTS WITH OPERATOR, INSTALLED EQUIPMENT
	13	1	HAND SINK W/ SOAP & TOWEL DISPENSER	1/2"	18"	5	1/2"	18"	DIR	1 1/2"	24"				
	14	1	COFFEE MAKER (OPERATOR FURNISHED)				1/2"	48"							RUN THRU FILTER, VERIFY REQUIREMENTS WITH OPERATOR, INSTALLED EQUIPMENT
	20	1	CONVECTION OVEN (VENTLESS)				3/4"	48"							
	21	1	SPARE NUMBER				-	-							
	22	1	SPARE NUMBER				-	-							
	23	1	MOBILE REACH-IN REFRIGERATOR												CONDENSATE EVAPORATOR
	24	1	MOBILE REACH-IN FREEZER												CONDENSATE EVAPORATOR
	26	1	DISH/ POT WASHING SINKS	1/2"	12"	45	1/2"	12"	FS	1-1/2"					
	28	1	PRE-RINSE W/ FAUCET	1/2"	12"	20	1/2"	12"							
	30	1	UNDERCOUNTER DISHMACHINE (HIGH TEMP)	1/2"	12"	38			FS	1"					PROVIDER 140 DEGREE HW

PLUMBING UTILITIES SCHEDULE SHOWN HERE FOR REFERENCE ONLY. REFER TO THE FS SERIES OF DRAWINGS FOR THE LATEST FIXTURES.



2 P5.02 **PUBLIC RESTROOMS - SANITARY**
SCALE: 1/4" = 1'-0"



3 P5.02 **UNISEX RESTROOM - SANITARY**
SCALE: 1/4" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

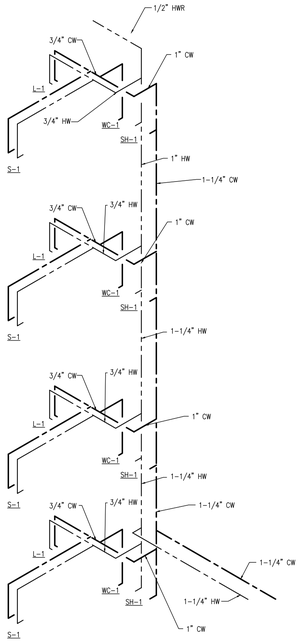
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SANITARY ENLARGED PLANS

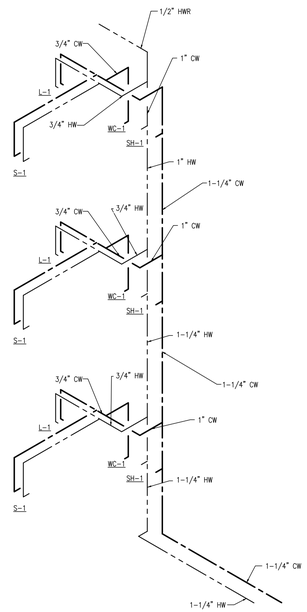
PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

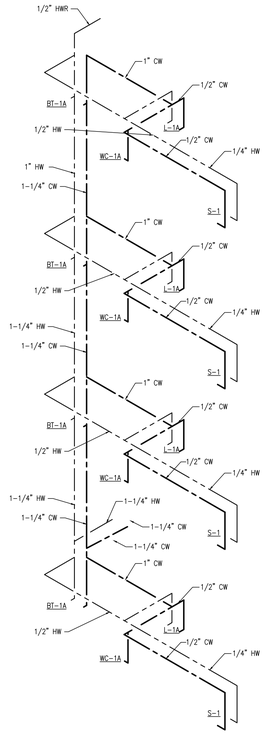
P5.02



DWR-1



DWR-2



DWR-3

1 P6.01 DOMESTIC WATER RISERS
NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL.: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

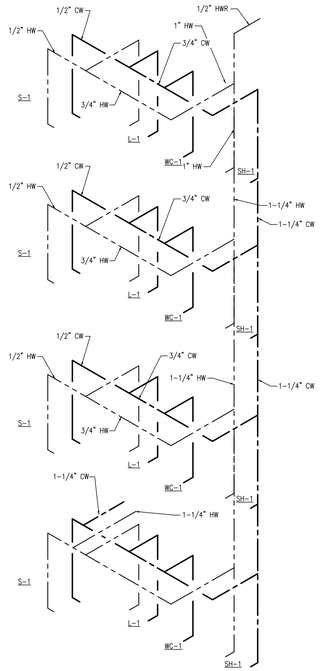
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

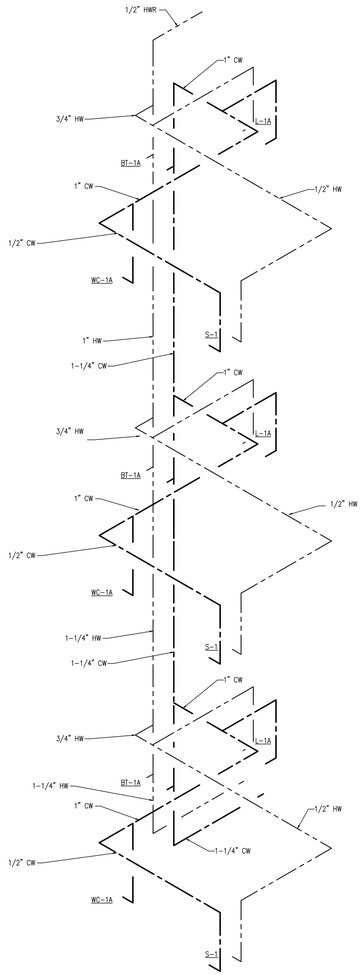
LAYOUT:
DOMESTIC WATER RISERS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
P6.01



DWR-4



DWR-5

1 P6.01 DOMESTIC WATER RISERS
NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

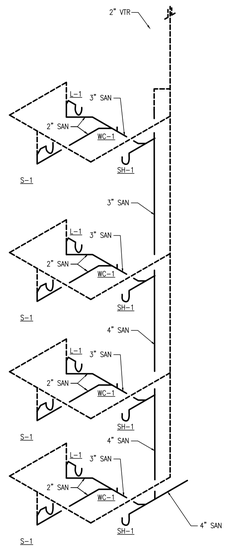
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

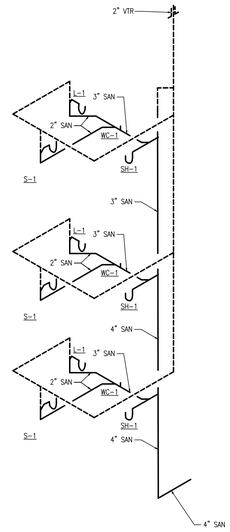
LAYOUT:
DOMESTIC WATER RISERS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

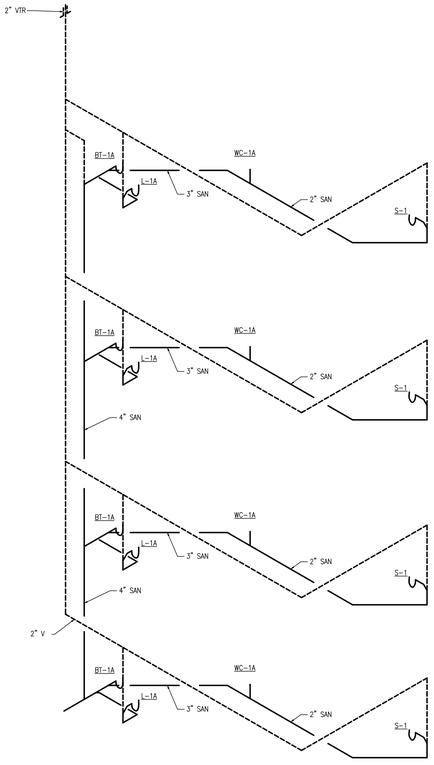
SHEET NUMBER:
P6.02



SR-1



SR-2



SR-3

1 P7.01 SANITARY RISERS
NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL : (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

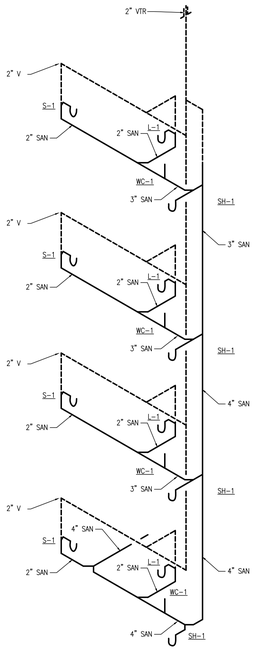
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

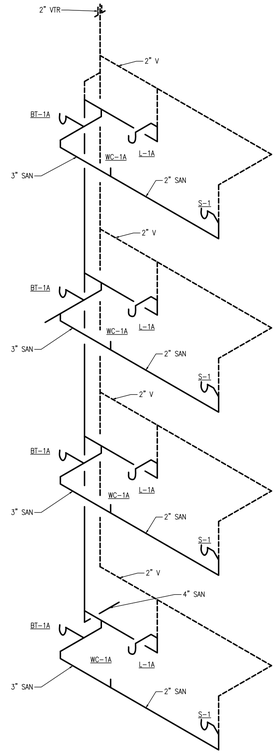
LAYOUT:
SANITARY RISERS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
P7.01



SR-4



SR-5

1 P7.02 SANITARY RISERS
NOT TO SCALE

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
GEI # 19222
ATLANTA - CHARLOTTE
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES
BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
SANITARY RISERS

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
P7.02

FIRE PROTECTION GENERAL NOTES:

1. THIS BUILDING SHALL BE PROTECTED WITH WET AND DRY PIPE SPRINKLER SYSTEMS AND A MANUAL WET STANDPIPE SYSTEM (THE SPRINKLER SYSTEMS ARE TO BE ZONED BY FLOORS) DESIGNED PER THE CURRENTLY ACCEPTED EDITION OF NFPA 13, 14, 20, 24, THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL FIRE CODE, THE STATE OF NORTH CAROLINA, THE CITY WILMINGTON, THE OWNERS INSURANCE UNDERWRITER, AND THESE DOCUMENTS.

2. THE SPRINKLER SYSTEMS SHALL BE DESIGNED TO THE AVAILABLE CITY WATER WATER SUPPLY AS BOOSTED BY THE FIRE PUMP. THE FIRE PUMP SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION CONTRACTOR. SEE PUMP SCHEDULE AND DETAILS FOR A SUGGESTED ARRANGEMENT OF THE PUMP PIPING. THE CONTRACTOR SHALL HAVE A CURRENT WATER FLOW TEST (LESS THAN THREE MONTHS OLD) PERFORMED PRIOR TO STARTING DESIGN. THE CONTRACTOR SHALL ALSO HAVE A 24 HOUR WATER TEST PERFORMED AT THE SAME TIME AS THE FLOW TEST. THIS TEST SHALL BE USED TO ADJUST THE STATIC AND RESIDUAL PRESSURES TO USE FOR HIS CALCULATIONS.

3. THE STANDPIPE SYSTEM SHALL BE A MANUAL WET STANDPIPE SYSTEM. THE SPRINKLER CONTRACTOR SHALL PROVIDE HYDRAULIC CALCULATIONS FOR THIS SYSTEM PER THE REQUIREMENTS OF NFPA 14 (2019) AND POST A HYDRAULIC SIGN AT THE FIRE DEPARTMENT CONNECTION WITH THE REQUIRED HYDRAULIC INFORMATION. 8" STANDPIPES ARE SHOWN. ACTUAL STANDPIPES SIZES SHALL BE DETERMINED BY THE HYDRAULIC CALCULATIONS. A FIRE DEPARTMENT VALVE SHALL BE INSTALLED AT THE HIGHEST LANDING FOR STAIRS THAT HAVE ROOF ACCESS (OPEN DOOR/STEP OUT ONTO THE ROOF), IF NEITHER STAIR HAS ROOF ACCESS (OPEN DOOR/STEP OUT ONTO THE ROOF) A ROOF MANIFOLD SHALL BE PROVIDED ON THE ROOF ABOVE ONE OF THE STAIRS. THE STANDPIPES (FIRE DEPARTMENT VALVES) SHALL BE ON THE PRIMARY STAIR LANDINGS UNLESS THE FIRE DEPARTMENT REQUIRES THEM ON THE INTERMEDIATE LANDINGS.

4. SPRINKLER HEADS INSTALLED IN LAY-IN ACOUSTICAL TILE CEILINGS SHALL BE INSTALLED IN THE CENTER OF THE CEILING TILES.

5. THE SHOP DRAWINGS SHALL BE ON A (MINIMUM) SCALE OF 1/8 "=1'-0". FIRE PUMP, BUILDING SECTIONS, FLOOR CONTROL VALVE ASSEMBLIES AND OTHER DETAILS SHALL BE ON AT (MINIMUM) SCALE OF 1/2"=1'-0". THESE DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR HIS REVIEW AND COMMENTS PRIOR TO ORDERING, PURCHASING, FABRICATING, AND OR INSTALLING ANY FIRE PROTECTION EQUIPMENT. SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE LOCAL AND STATE AUTHORITIES HAVING JURISDICTION AND THE OWNERS INSURANCE UNDERWRITER FOR THEIR REVIEW AND APPROVAL PRIOR TO ORDERING, PURCHASING, FABRICATING, AND OR INSTALLING ANY FIRE PROTECTION EQUIPMENT. THE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE STAMPED BY THE SPRINKLER CONTRACTORS CERTIFICATE HOLDER, OR ENGINEER PRIOR TO SUBMITTAL. THE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE PREPARED USING AUTO-SPRINK, SPRINKCAD, HYDRACAD, OR OTHER CAD PROGRAM WITH BUILT-IN HYDRAULIC CAPABILITIES. DRAWINGS AND HYDRAULIC CALCULATIONS NOT PREPARED USING ONE OF THESE PROGRAMS WILL BE REJECTED.

6. THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL FIRE PROTECTION EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.

7. THE SPRINKLER SYSTEM SHALL BE DESIGNED WITH A 10 PSI SAFETY MARGIN WHEN A BACKFLOW PREVENTER IS INCLUDED IN THE CALCULATIONS.

8. THE WET PIPE SPRINKLER SYSTEMS SHALL BE DESIGNED PER NFPA 13 FOR LIGHT HAZARD OCCUPANCY (.10 GPM/SQ. FT.,), ORDINARY HAZARD GROUP I (.15 GPM/SQ. FT.) AND ORDINARY HAZARD GROUP I (.20 GPM/SQ. FT.), ALL SPRINKLERS SHALL BE QUICK RESPONSE, THE HYDRAULIC CALCULATIONS SHALL BE PREPARED USING THE AREA DENSITY METHOD, THE HYDRAULICALLY REMOTE AREA MAY BE REDUCED BELOW 1500 SQ. FT. WHEN QUICK RESPONSE SPRINKLERS ARE USED. THE CONTRACTOR SHALL PREPARE SHOP DRAWINGS COORDINATED WITH ALL OTHER TRADES. IF THE ARRANGEMENT SUBMITTED WILL NOT FIT IN THE BUILDING DUE TO CONFLICTS WITH OTHER TRADES THE CONTRACTOR SHALL REVISE HIS DRAWINGS TO ELIMINATE THE CONFLICTS. GRID SYSTEMS ARE NOT TO BE USED. THE MINIMUM PIPE SIZE SHALL BE 1-1/4", EXCEPT FOR PIPES SUPPLYING ONLY 1 SPRINKLER HEAD, WHICH MAY BE 1". THE ATTIC AND ANY COMBUSTIBLE CONCEALED SPACES SHALL BE SPRINKLED USING LISTED COMBUSTIBLE CONCEALED SPACE SPRINKLERS. THE DWELLING UNITS AND ADJOINING CORRIDORS MAY BE HYDRAULICALLY DESIGNED PER DWELLING UNIT REQUIREMENTS OF NFPA 13 WHEN LISTED RESIDENTIAL SPRINKLERS ARE USED. THE FRONT ENTRY CANOPY SHALL BE PROTECTED WITH A DRY PIPE SYSTEM DESIGNED FOR AN ORDINARY HAZARD GROUP I OCCUPANCY. SPRINKLERS SHALL BE INSTALLED AT THE TOP OF ALL ELEVATOR SHAFTS AND IN ALL ELEVATOR PITS. A CONTROL VALVE SHALL BE PROVIDED TO ISOLATE THESE SPRINKLERS.

9. THE DRY PIPE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY DESIGNED FOR AN ORDINARY HAZARD GROUP I OCCUPANCY WITH A DENSITY OF .15 GPM PER SQ FT OVER THE MOST REMOTE 1950 SQ FT PLUS 250 GPM FOR HOSE STREAMS AND A MAXIMUM SPACING OF 130 SQ. FT. PER SPRINKLER. THE WET SYSTEMS IN ORDINARY HAZARD GROUP I AREAS SHALL BE HYDRAULICALLY DESIGNED FOR A DENSITY OF .15 GPM SQ FT OVER THE MOST REMOTE 1500 (ADJUSTED PER THE REQUIREMENTS OF NFPA 13 PLUS 250 GPM FOR HOSE STREAMS AND A MAXIMUM SPACING OF 130 SQ. FT, PER SPRINKLER THE ORDINARY HAZARD GROUP II AREAS SHALL BE HYDRAULICALLY DESIGNED FOR A DENSITY OF .20 GPM SQ FT OVER THE MOST REMOTE 1500 PLUS 250 GPM FOR HOSE STREAMS AND A MAXIMUM SPACING OF 130 SQ. FT, PER SPRINKLER. THE LIGHT HAZARD AREAS SHALL BE HYDRAULICALLY DESIGNED FOR A DENSITY OF .10 GPM SQ FT OVER THE MOST REMOTE 1500 PLUS 100 GPM FOR HOSE STREAMS AND A MAXIMUM SPACING OF 225 SQ. FT. PER SPRINKLER UNLESS EXTENDED COVERAGE SPRINKLERS ARE USED.

10. PIPE SLEEVES SHALL BE SET FOR CONCRETE FLOORS AND FIRE WALLS PRIOR TO BEING THEM BEING POURED OR CONSTRUCTED.

11. ALL HOLES THROUGH FIRE WALLS SHALL BE CAULKED WITH SUITABLE MATERIALS APPROVED FOR THAT PURPOSE.

12. ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS AND NFPA.

13. ALL CONTROL VALVES SHALL HAVE A TAMPER SWITCH SUPPLIED AND INSTALLED BY THE SPRINKLER CONTRACTOR. WIRING OF THE SWITCHES WILL BE BY THE ELECTRICAL CONTRACTOR.

14. SPRINKLERS SHALL BE INSTALLED IN THE ELEVATOR PITS AND THE TOP OF SHAFTS OF ALL ELEVATORS. THE SPRINKLER SUPPLY TO THE SPRINKLERS SHALL HAVE A SEPARATE CONTROL VALVE WITH TAMPER SWITCH AND WATER FLOW INDICATOR.

15. ALL SPRINKLER PIPING SHALL BE INSTALLED ABOVE THE CEILINGS WHERE CEILINGS ARE TO BE INSTALLED AND AS HIGH AS IS POSSIBLE IN AREAS WITHOUT FINISHED CEILINGS. SPRINKLERS IN EXPOSED AREAS SHALL BE SPACED TO THE BUILDING STRUCTURE AND OTHER BUILDING COMPONENTS AS REQUIRED BY NFPA 13.

16. EACH FLOOR SHALL BE ZONED SEPARATELY AND PROVIDED WITH FLOOR CONTROL VALVES, CHECK VALVES, DRAIN/TEST VALVES, WATER FLOW SWITCHES, AND TAMPER SWITCHES WIRED TO THE FIRE ALARM CONTROL PANEL.

17. WHERE THE REQUIREMENTS OF OWNERS AND THE OWNERS INSURANCE UNDERWRITERS AND THESE DOCUMENTS EXCEED THOSE OF THE NATIONAL FIRE CODES AND THE BUILDING CODE THEY SHALL PREVAIL.

18. 1" THROUGH 1-1/4" PIPE SHALL BE BE SCHEDULE 40. 1-1/2" AND LARGER PIPE MAY BE SCHEDULE 10. THREADABLE LIGHT WALL PIPE SHALL "NOT" BE USED. PIPE WITH A WALL THICKNESS LESS THAN SCHEDULE 10 SHALL "NOT" BE USED.

19. SPRINKLERS HEADS SHALL BE:

A. FULLY CONCEALED PENDENT IN AREAS WITH CEILINGS. COLOR SELECTION IS TO BE BY OWNER.
B. 1/2" ORIFICE 250 PSI SPRINKLERS SHALL BE USED.
C. ALL HEAD LOCATIONS IN PUBLIC AREAS SHALL BE APPROVED BY ARCHITECT AND ANY DISCREPANCIES WITH CODE REQUIREMENTS NEED TO BE IDENTIFIED FOR RESOLUTION.
D. CONCEALED RESIDENTIAL SPRINKLERS (FLAT PLATES) MAY BE USED IN DWELLING UNITS AND ADJOINING CORRIDORS

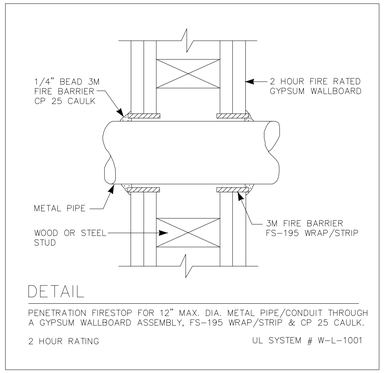
20. A PROPERLY COMPLETED CONTRACTORS MATERIAL AND TEST CERTIFICATE SHALL BE PROVIDED FOR THE UNDERGROUND PIPE PRIOR TO CONNECTING TO THE INSIDE PORTION OF THE SYSTEM.

21. A PROPERLY COMPLETED CONTRACTORS MATERIAL AND TEST CERTIFICATE SHALL BE PROVIDED FOR THE INSIDE PORTION OF THE SYSTEM.

22. THE SPRINKLER SYSTEMS SHALL BE HUNG, SUPPORTED, IN ACCORDANCE WITH NFPA #13. HANGER LOCATIONS SHALL BE SHOWN ON THE SUBMITTAL DRAWINGS AT THE LOCATIONS THEY ARE REQUIRED TO BE PER NFPA 13.

23. A FIRE DEPARTMENT CONNECTION SHALL BE PROVIDED AND INSTALLED BY THE SPRINKLER CONTRACTOR. IF THE FIRE DEPARTMENT CONNECTION IS A FREE-STANDING (SIDEWALK FDC) IT AND THE PIPING TO IT SHALL BE PROVIDED AND INSTALLED, TESTED AND FLUSHED BY THE SPRINKLER CONTRACTOR.

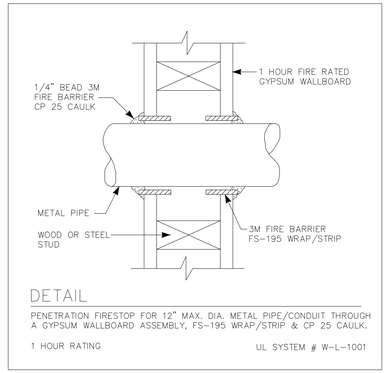
24. ALL COMPONENTS SHALL BE RATED FOR THE PRESSURES THEY WILL BE SUBJECTED TO DURING PUMP CHURN. USE PRESSURE REDUCING VALVES WHERE NEEDED TO KEEP SYSTEM PRESSURES BELOW 165 PSI ON ALL PIPING EXCEPT FOR STANDPIPE PIPING AND FITTINGS.



DETAIL

PENETRATION FIRESTOP FOR 12" MAX. DIA. METAL PIPE/CONDUIT THROUGH A GYPSUM WALLBOARD ASSEMBLY, FS-195 WRAP/STRIP & CP 25 CAULK.

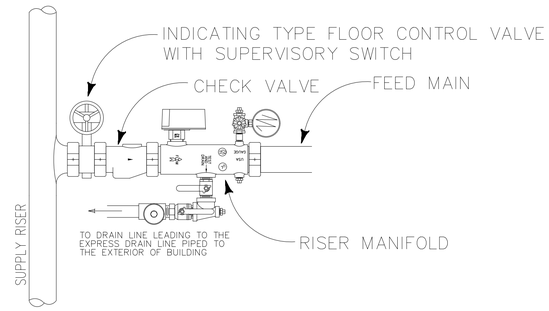
2 HOUR RATING — UL SYSTEM # W-L-1001



DETAIL

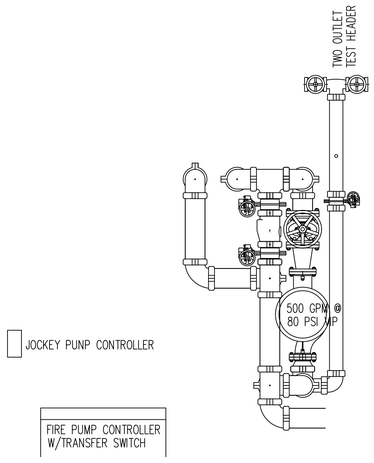
PENETRATION FIRESTOP FOR 12" MAX. DIA. METAL PIPE/CONDUIT THROUGH A GYPSUM WALLBOARD ASSEMBLY, FS-195 WRAP/STRIP & CP 25 CAULK.

1 HOUR RATING — UL SYSTEM # W-L-1001



FLOOR CONTROL VALVE ASSEMBLY

NOT TO SCALE



FIRE PUMP SCHEDULE

NO	GPM	MAKE	MODEL	HP	RPM	PSI	POWER
1	500 GPM	PATTERSON OR EQUAL	5x3 VIP	40	3600	80 PSI	208 VOLT 3 PH, WYE DELTA CLOSED
1	3	GRUNDFOS	CR1-17U 3-T	2	2450	100 PSI	208 VOLT 3 PH

CONTROL PANELS

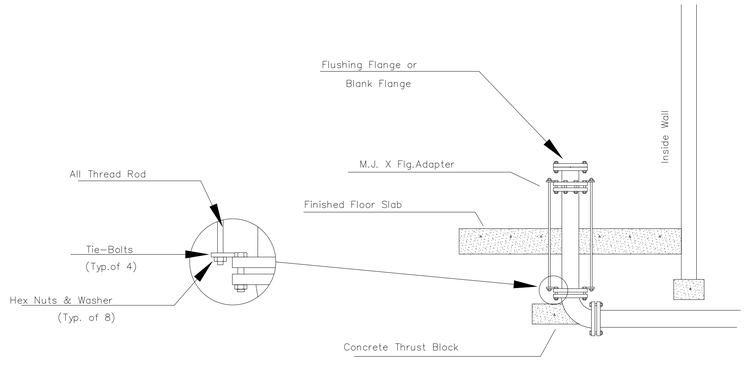
NO	PANEL	MAKE	MODEL	POWER
1	FIRE PUMP	FIRETROL	FTT1350-AM100B	208V 3 PH, WYE DELTA CLOSED TANSITION
1	JOCKEY PUMP	FIRETROL	500T-BF02B	208V 3 PH, WYE DELTA CLOSED TANSITION

WATER FLOW TEST DATA

THE FOLLOWING WATER PRESSURE/FLOW TEST DATA IS NOT FOR USE IN THE DESIGNING OF THE SPRINKLER SYSTEM.

THE FIRE PROTECTION CONTRACTOR SHALL OBTAIN A CURRENT WATER FLOW TEST FOR PREPARATIONS OF THE HYDRAULIC CALCULATIONS. (90 DAYS OR LESS).

STATIC PRESSURE:	53 psi
RESIDUAL PRESSURE:	43 psi
FLOW (GPM):	960 gpm
ELEVATION OF TEST:	
LOCATION OF FLOWING HYD:	
LOCATION OF S/R HYD:	
DATE OF TEST:	4/24/19
TIME OF DAY OF TEST:	
TEST INFORMATION BY:	



HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
Info@dmdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@dmdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1375 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "DM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF DM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

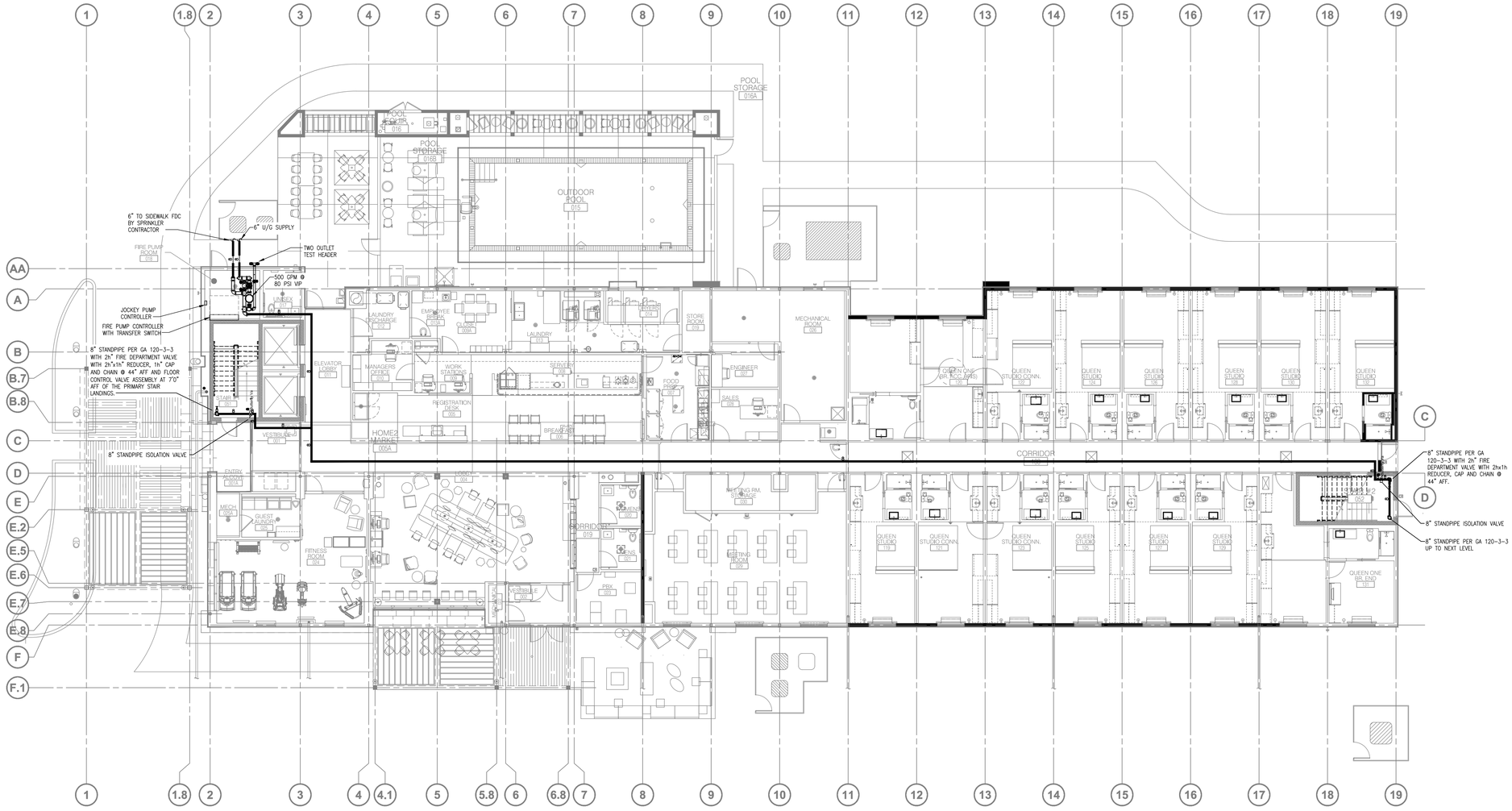
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
NOTES & DETAILS - FIRE PROTECTION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER: 19003

SHEET NUMBER:
FP0.01



1 FP2.01

FIRE PROTECTION - FIRST FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

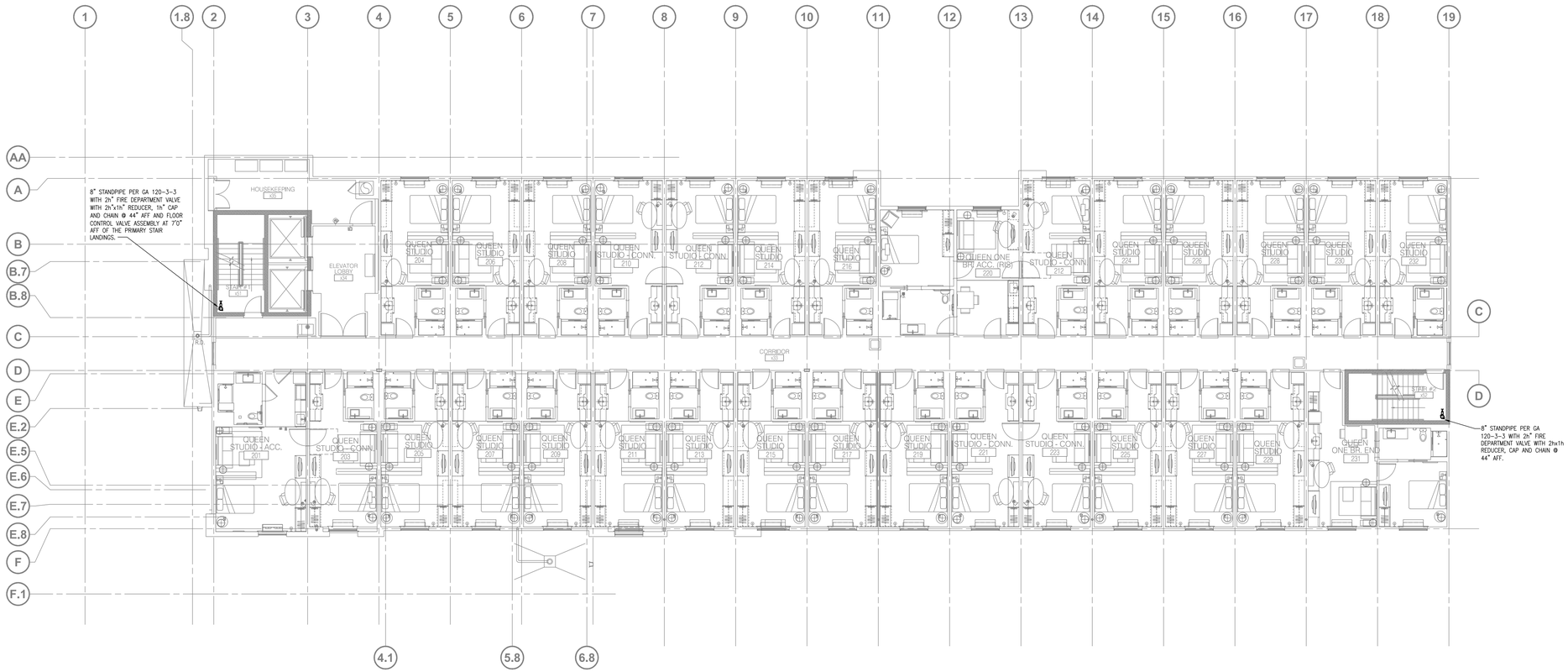
PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRE PROTECTION - FIRST FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:

FP2.01



1 FP2.02

FIRE PROTECTION - SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING — ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

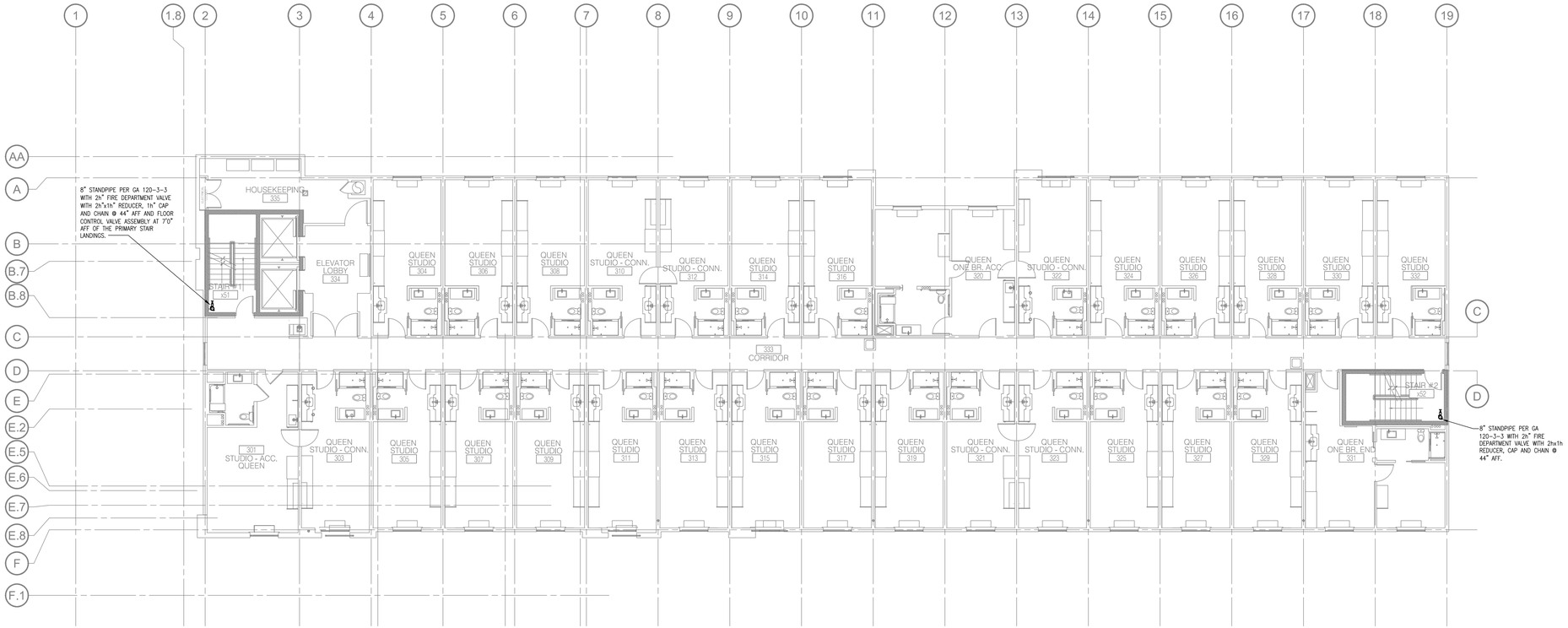
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRE PROTECTION - SECOND FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
FP2.02



1
FP2.03

FIRE PROTECTION - THIRD FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

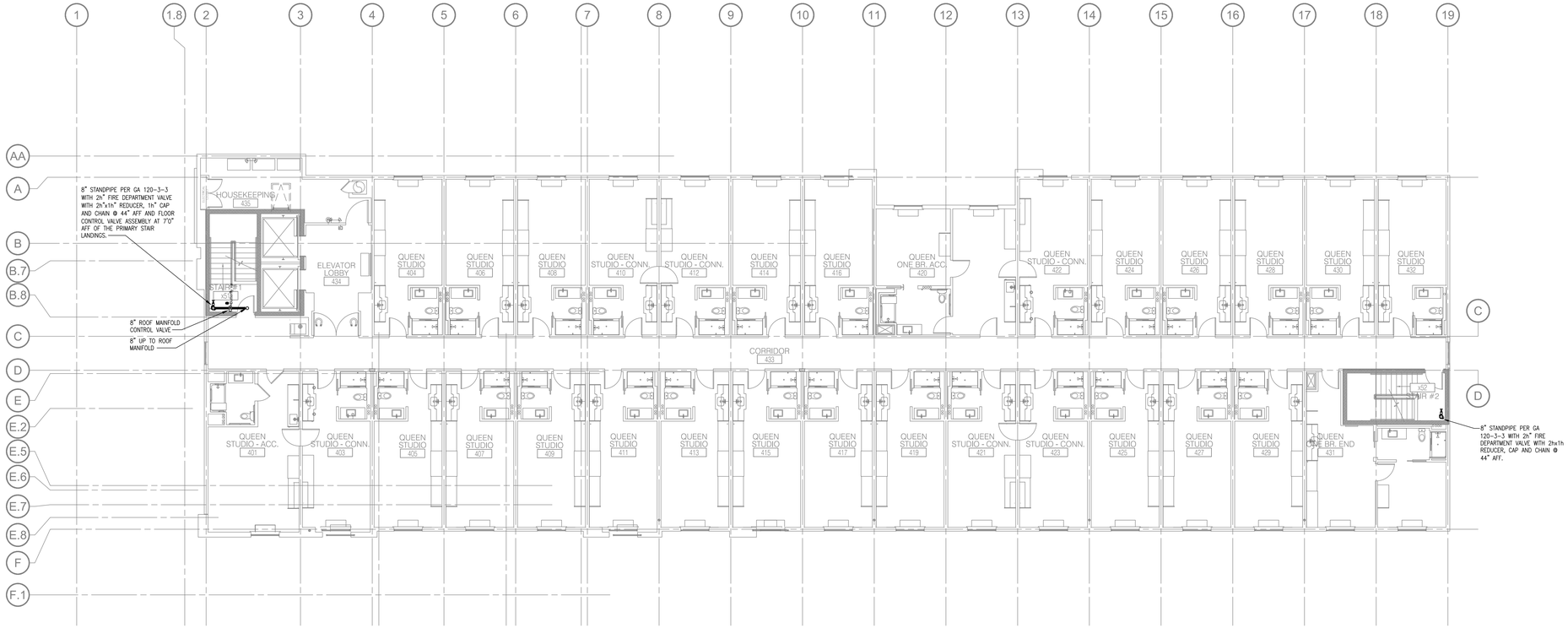
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRE PROTECTION - THIRD FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
FP2.03



1
FP2.04

FIRE PROTECTION - FOURTH FLOOR PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

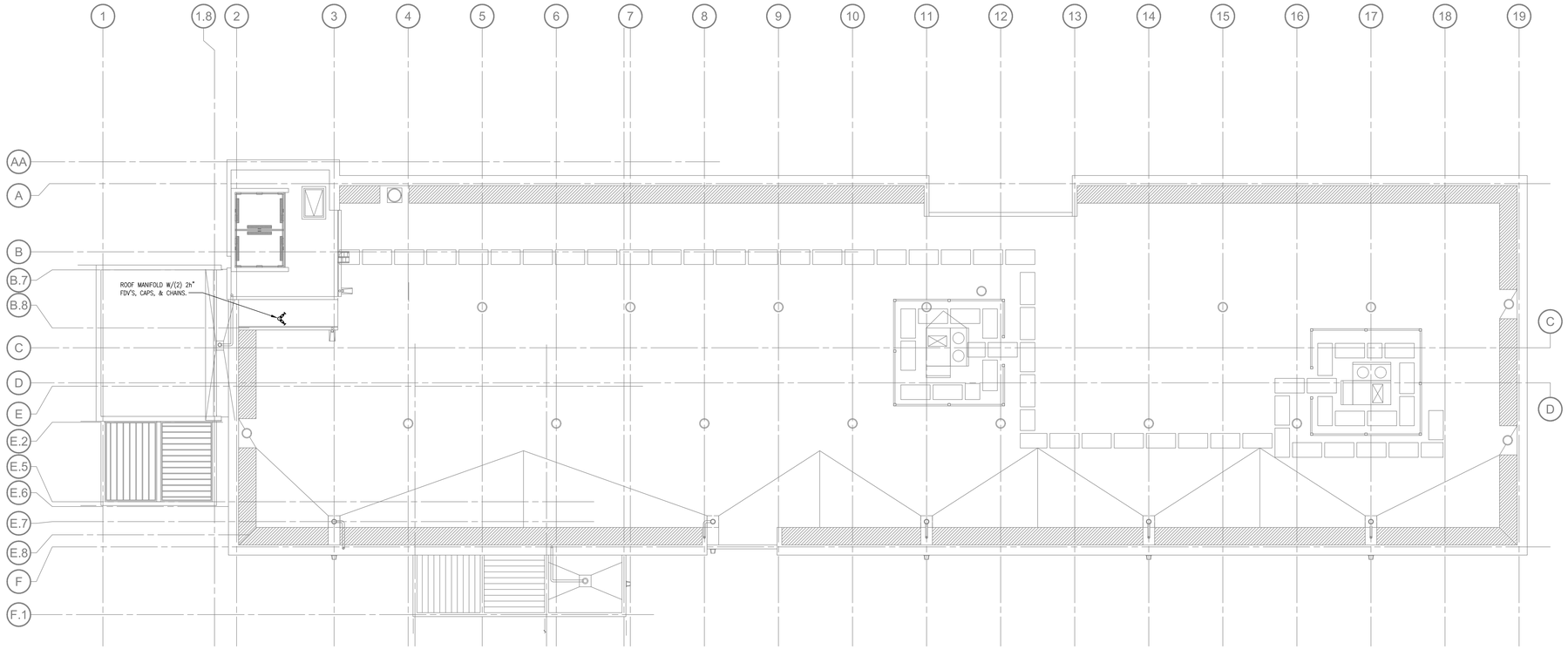
DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:
HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:
FIRE PROTECTION - FOURTH FLOOR PLAN

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED
PROJECT NUMBER:
19003

SHEET NUMBER:
FP2.04



1
FP2.05

FIRE PROTECTION - ROOF PLAN

SCALE: 3/32" = 1'-0"

HOME2 SUITES BY HILTON

WILMINGTON, NC. 19-088ND
ILMMPHT ID #55106

DESIGN CONSULTANTS

DESIGN SOLUTIONS
info@omdesignsolutions.com
Phone: 404-740-7589

2885 LAWRENCEVILLE SUWANEE ROAD
SUITE C, SUWANEE, GEORGIA
TEL: (404) 740-7589
info@omdesignsolutions.com

STRUCTURAL

Se STABILITY ENGINEERING
1376 Church St., Ste 200, Decatur, GA 30030 Ph/Fax: 404-377-6016

MEP

GEI GRIFFITH ENGINEERING
ATLANTA - CHARLOTTE
GEI # 19222
4360 Chamblee Dunwoody Road, Suite 210
Atlanta, GA 30341
P (770) 451-6757, F (770) 451-6761

CIVIL

PARAMOUNTE ENGINEERING INC.
122 CINEMA DRIVE
WILMINGTON, NC. 28403
PHONE: 910-791-6707

OWNER

MR. MEHUL PATEL
SUITE 101 , 130 CANAL STREET,
POOLER, GA 31322

THE DOCUMENT, ARRANGEMENTS, ANNOTATIONS AND GRAPHICAL PRESENTATIONS ON THIS DOCUMENTS ARE THE PROPERTY OF "OM DESIGN SOLUTIONS - DESIGN CONSULTANTS" WHO RETAINS OWNERSHIP AND AUTHORSHIP OF THIS DOCUMENT IN IT'S ENTIRETY.

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE AND IS THE INTELLECTUAL AND PHYSICAL PROPERTY OF OM DESIGN SOLUTIONS.

AUTHORIZED USE OF THIS DOCUMENT IS GRANTED SOLELY FOR THE PURPOSE OF THIS SPECIFIC PROJECT AND LOCATION.

REVISION #	DATE	REMARKS

DATE	ISSUED TO	ISSUED FOR
10-14-2020	HILTON	50% REVIEW
12-15-2020	HILTON	100% REVIEW

PROJECT ADDRESS:

HOME2 SUITES BY HILTON
BARCLAY WEST TRACT B
WILMINGTON, NORTH CAROLINA

LAYOUT:

FIRE PROTECTION - ROOF PLAN

PAPER SIZE: 24X36 (ARCH D)

SCALE: AS NOTED

PROJECT NUMBER:
19003

SHEET NUMBER:

FP2.05