KEYNOTES

01 TOILET CONNECTION

02 SINK DRAIN

03 FLOOR DRAIN

04 WATER FOUNTAIN DRAIN, SEE MANUFACTURER SPEC FOR ROUGH IN HEIGHT

05 WASHING MACHINE DRAIN

06 MOP SINK

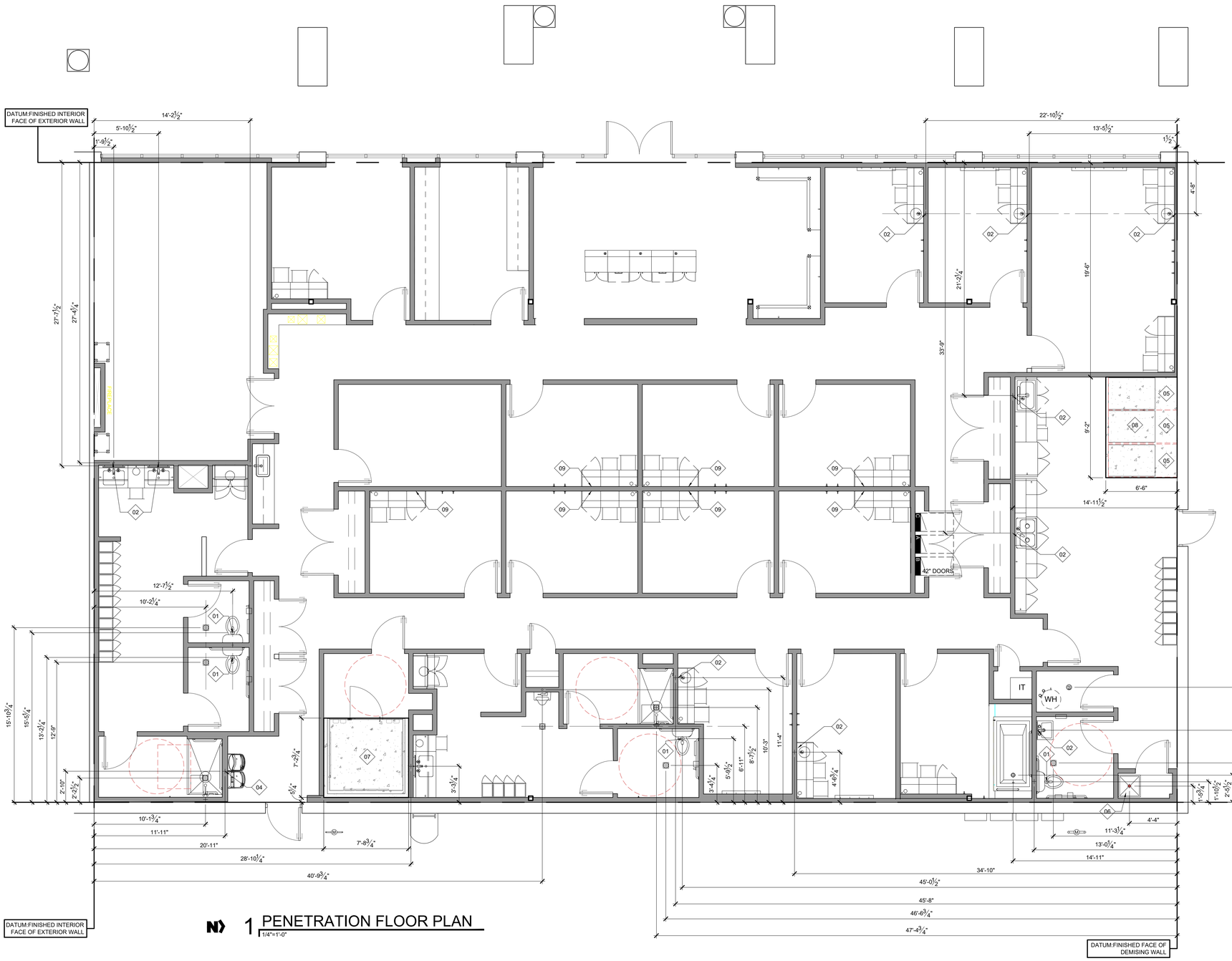
07 NEW RECESSED SLAB FOR SAUNA EQUIPMENT. ALL DIMENSIONS TO BE COORDINATED WITH SELECTED SAUNA SPECS.

08 NEW THICKENED CONCRETE SLAB ON GRADE AT LAUNDRY MACHINES, SEE DETAIL 3 THIS SHEET.

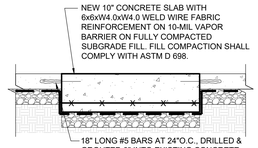
09 PROVIDE PLUMBING CLEANOUTS AT LOCATIONS FOR FUTURE SINKS IN ADJACENT TREATMENT ROOMS. PLUMBING TO RUN DOWN CENTER WALL AS NEEDED.

PENETRATION PLAN NOTES

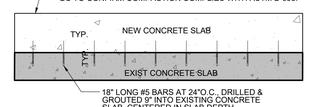
1. CONTRACTOR SHALL SAW CUT EXISTING SLAB AS REQUIRED TO INSTALL UNDERGROUND PIPING. ANY BACK FILL REQUIRED SHALL BE OF ¾" CA-6 COMPACTED GRAVEL LAID IN 6" LIFTS AS REQUIRED.
2. CONTRACTOR SHALL PATCH SLAB AS REQUIRED FOR NEW LAYOUT WITH LIKE CONSTRUCTION. WHERE NEW CONCRETE SLABS SHALL NOT BE LESS THAN 4" IN THICKNESS. PROVIDE LIKE VAPOR BARRIER AS EXISTING CONSTRUCTION.
3. FOR LARGE NON-LINEAR PATCHES THAT ARE IN EXCESS OF 36"x36" SQUARE AREA, PROVIDE DOWELS INTO EXISTING AND NEW SLAB.



1 PENETRATION FLOOR PLAN
1/4"=1'-0"



3 THICKENED LAUNDRY SLAB
3/4"=1'-0"



2 SLAB REINFORCEMENT DTL
1/4"=1'-0" *IF REQUIRED

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CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP/ JZ
Approved By: JD

SHEET TITLE & NUMBER

PENETRATION PLAN

A1-11

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PLOTTED BY: KEVIN PAISLEY

PLOT DATE: 3/4/2025 6:13 PM

1 FLOOR PLAN
1/4" = 1'-0"

GC TO FIELD VERIFY ALL EXISTING DIMENSIONS & COLUMN LOCATIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

KEYNOTES

01 ALL PENETRATIONS IN FIRE RATED ASSEMBLIES SHALL BE SEALED IN ACCORDANCE WITH THE FIRE PENETRATION DETAIL ON SHEET A8-1.

02 COORDINATE ELECTRICAL FOR EXTERIOR WALL SIGNAGE WITH TENANT'S SIGN VENDOR. SIGN PERMIT'S UNDER SEPARATE COVER.

03 PROVIDE 3M OPAQUE FILM ON INSIDE FACE OF WINDOW AND DOOR GLAZING.

04 PROVIDE PREFINISHED ALUMINUM FIN AT WALL END TO GLAZING. PROFILE TO MATCH GAP BETWEEN WALL AND STOREFRONT. FINISH TO MATCH EXISTING STOREFRONT.

05 PROVIDE FLUSH-FINISHED WALL ACCESS PANEL FOR ADJACENT TUB PLUMBING ACCESS. REFERENCE DETAILS.

BLOCKING NOTES

PROVIDE FTWD BLOCKING (UON) AT THE FOLLOWING LOCATIONS:

1. ACCESSIBLITY REQUIREMENTS & GRAB BARS AT ALL RESTROOM LOCATIONS
2. RESTROOM ACCESSORIES INCLUDING TOILET STALL PARTITIONS & BABY CHANGING TABLE
3. MILLWORK LOCATIONS - TO BE 6" STRIPS
4. CASEWORK AS REQUIRED BY THE MFR & FOR PROPER SUPPORT
5. MANAGER'S DESK SHELVES
8. LOCKERS

DIMENSION NOTES

1. DIMENSIONS ARE TO FACE OF EXISTING STOREFRONT FRAME. FINISHED EXTERIOR WALL & FINISHED FACE OF DEMISING WALL
2. ALL INTERIOR DIMENSIONS ORIGINATE FROM ESTABLISHED DATUM LINES. ESTABLISH DATUM LINES PRIOR TO LOCATING WALLS, DRAINS, FIXTURES, ETC.

PLAN GENERAL NOTES

1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. ALL FIRE RATED DOORS TO BE SELF-CLOSING.
3. ALL INTERIOR FINISHES TO BE CLASS A WITH FLAME SPREAD RATING OF 0-25, U.O.N.
4. SEE MECHANICAL DRAWINGS FOR LIGHT AND VENT SCHEDULES.
5. DO NOT FASTEN STUDS OR GYPSUM BD. TO TOP RUNNER OF NON-BEARING GYP.BD. PARTITIONS. CUT STUDS AND GYP.BD. 1/2" MAX. SHORT TO ALLOW FOR VERTICAL SLAB DEFLECTION.
6. ALL DIMENSIONS TO BE FINISHED SURFACE UNO.
7. GC TO COORDINATE ALL CEILING HEIGHTS WITH BUILDING SYSTEMS. OWNER TO APPROVE ALL CEILING HGTS. BEFORE INSTALLATION.
8. THE ARCHITECT WILL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES.
9. CONTRACTOR IS REQUIRED TO HANG THE OWNERS INTERIOR SIGN PACKAGE.
10. ALL GLAZED DOORS, ANY GLAZED PANEL ADJACENT TO ANY DOOR & ANY GLAZED PANEL WHICH MEETS ALL OF THE FOLLOWING CONDITIONS SHALL BE TEMPERED GLAZING:
    1. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 S.F.
    2. EXPOSED BOTTOM EDGE LESS THAN 18" A.F.F.
    3. EXPOSED TOP EDGE GREATER THAN 36" A.F.F.
    4. ONE OR MORE WALKING SURFACE(S) WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING, SHALL ALL BE TEMPERED.

ALL BLOCKING SHALL BE NON-COMBUSTIBLE OR FIRE RETARDANT TREATED WOOD BLOCKING

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
- NEW 2 HOUR FIRE-RATED WALL
- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL
- EXISTING WALL TO BE DEMOLISHED

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CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

FLOOR PLAN
LEVEL 01

A1-21

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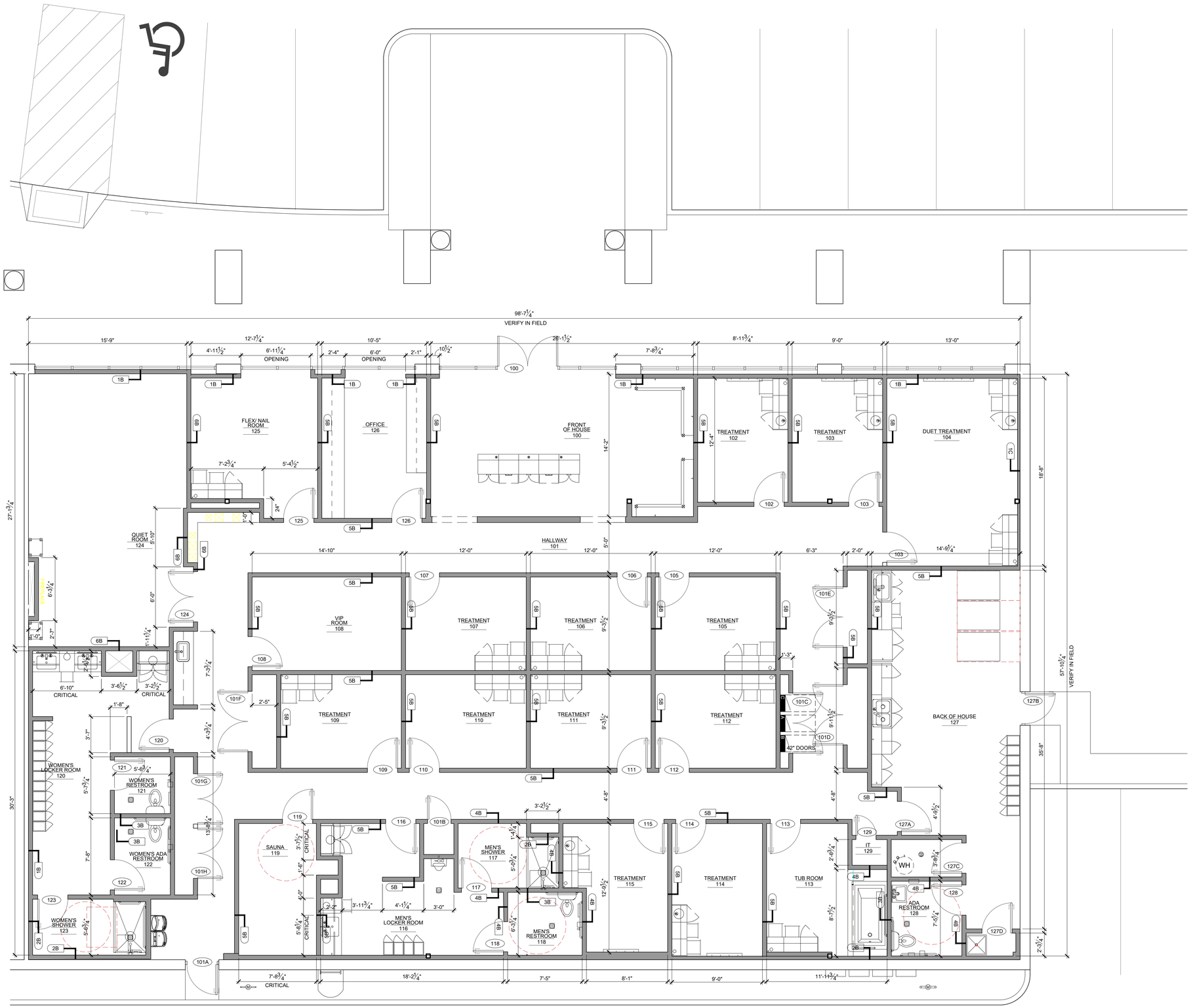

01 DIMENSIONED FLOOR PLAN 01
NTS

BLOCKING NOTES

PROVIDE FTWD BLOCKING (UON) AT THE FOLLOWING LOCATIONS:

1. ACCESSIBILITY REQUIREMENTS & GRAB BARS AT ALL RESTROOM LOCATIONS
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8. LOCKERS

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    4. ONE OR MORE WALKING SURFACE(S) WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING, SHALL ALL BE TEMPERED.

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ALL BLOCKING SHALL BE NON-COMBUSTIBLE OR FIRE RETARDANT TREATED WOOD BLOCKING

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
- NEW 2 HOUR FIRE-RATED WALL
- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL

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Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

DIMENSIONED FLOOR PLAN

A1-31

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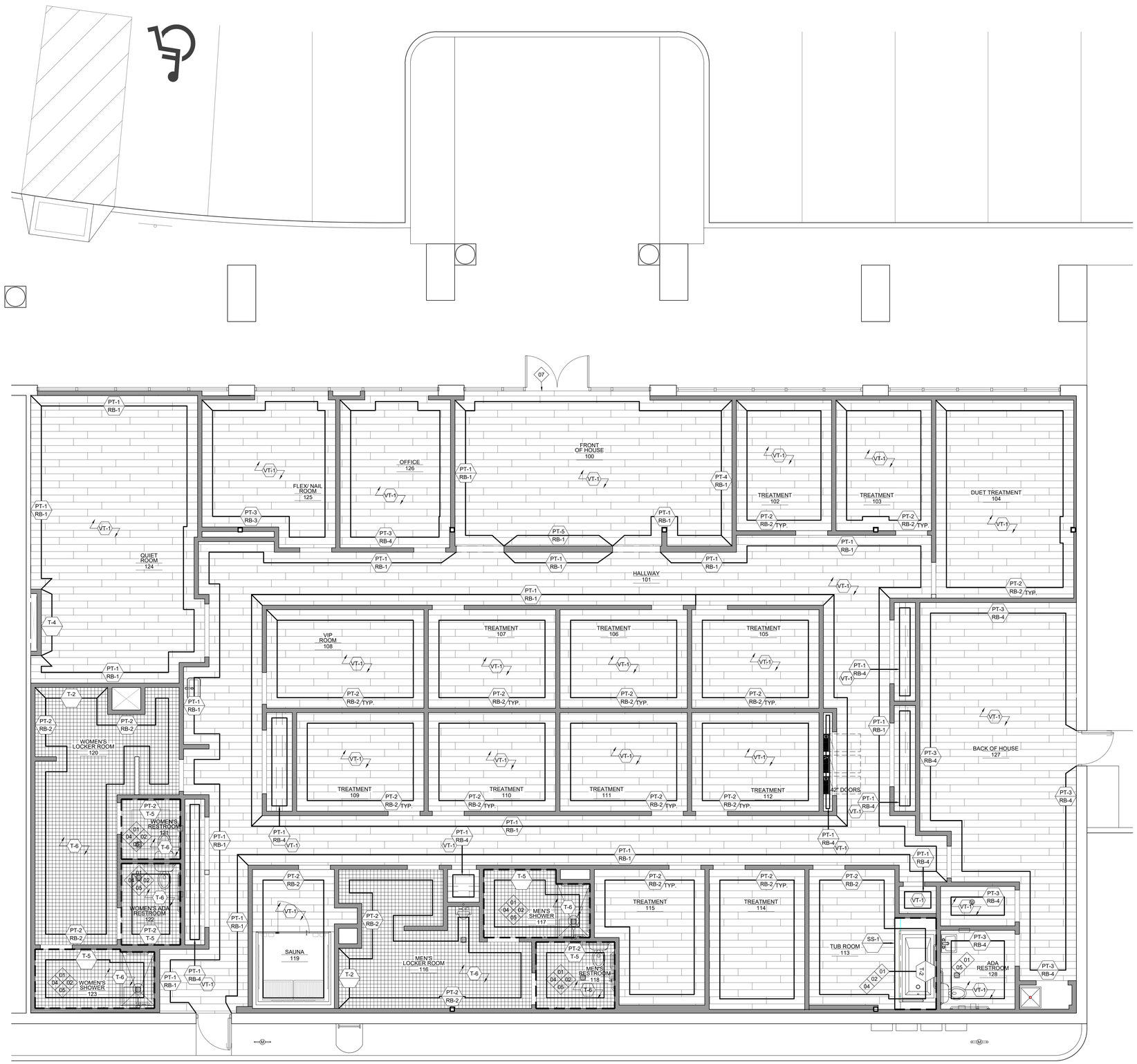
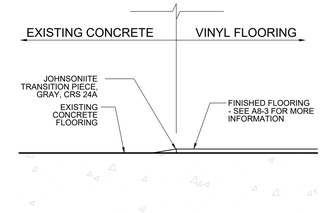


1 FINISH PLAN
1/4" = 1'-0"



2 TRANSITION DETAIL
NTS

FINISH KEYNOTES

01 PROVIDE WATERPROOFING MEMBRANE OVER ENTIRE FLOOR AREA AND 18" UP WALLS UNDERNEATH FINISHES. AREAS SHOWN GRAPHICALLY WITH HEAVY DASHED LINE.

02 WALL TILE TO MEET FLOOR FINISH, NO BASE

03 PROVIDE TILE TRIM M-1 AT TOP OF WALL TILE

04 PROVIDE BRUSHED BRASS SCHLUTER TRIM AT CORNERS, TOP, AND BOTTOM OF WALL TILE

05 FLOOR TILE TO SLOPE TOWARDS FLOOR DRAIN.

06 ~~RECESSED WALK OFF MAT. SEE DETAIL~~

07 PROVIDE TRANSITION THRESHOLD FROM RAISED LVT AT VESTIBULE TO LOOSE LAY LVT IN ENTRY

FINISH GENERAL NOTES

1. ALL DOORS & ASSOCIATED TRIM TO RECEIVE FINISH OF IMMEDIATE ADJACENT WALL FACE. INTERIOR FACE OF DOOR AND HINGE FACE TO RECEIVE SAME FINISH. EXTERIOR FACE OF DOOR AND STRIKE FACE TO RECEIVE SAME FINISH. IF ADJACENT FINISHES ARE NOT PAINT THEN

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Approved By: JD

SHEET TITLE & NUMBER

FINISH PLAN

A1-41

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FINISH GENERAL NOTES

1. ALL DOORS & ASSOCIATED TRIM TO RECEIVE FINISH OF IMMEDIATE ADJACENT WALL FACE. INTERIOR FACE OF DOOR AND HINGE FACE TO RECEIVE SAME FINISH. EXTERIOR FACE OF DOOR AND STRIKE FACE TO RECEIVE SAME FINISH. IF ADJACENT FINISHES ARE NOT PAINT THEN

FINISH KEYNOTES

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02 WALL TILE TO MEET FLOOR FINISH, NO BASE

03 PROVIDE TILE TRIM M-1 AT TOP OF WALL TILE

04 PROVIDE TILE TRIM M-1 AT CORNERS, TOP, AND BOTTOM OF WALL TILE T-2

05 FLOOR TILE TO SLOPE TOWARDS FLOOR DRAIN.

SEE SHEET A8-3 FOR FINISH SCHEDULE

1 EQUIPMENT PLAN
1/4" = 1'-0"

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EQUIPMENT PLAN

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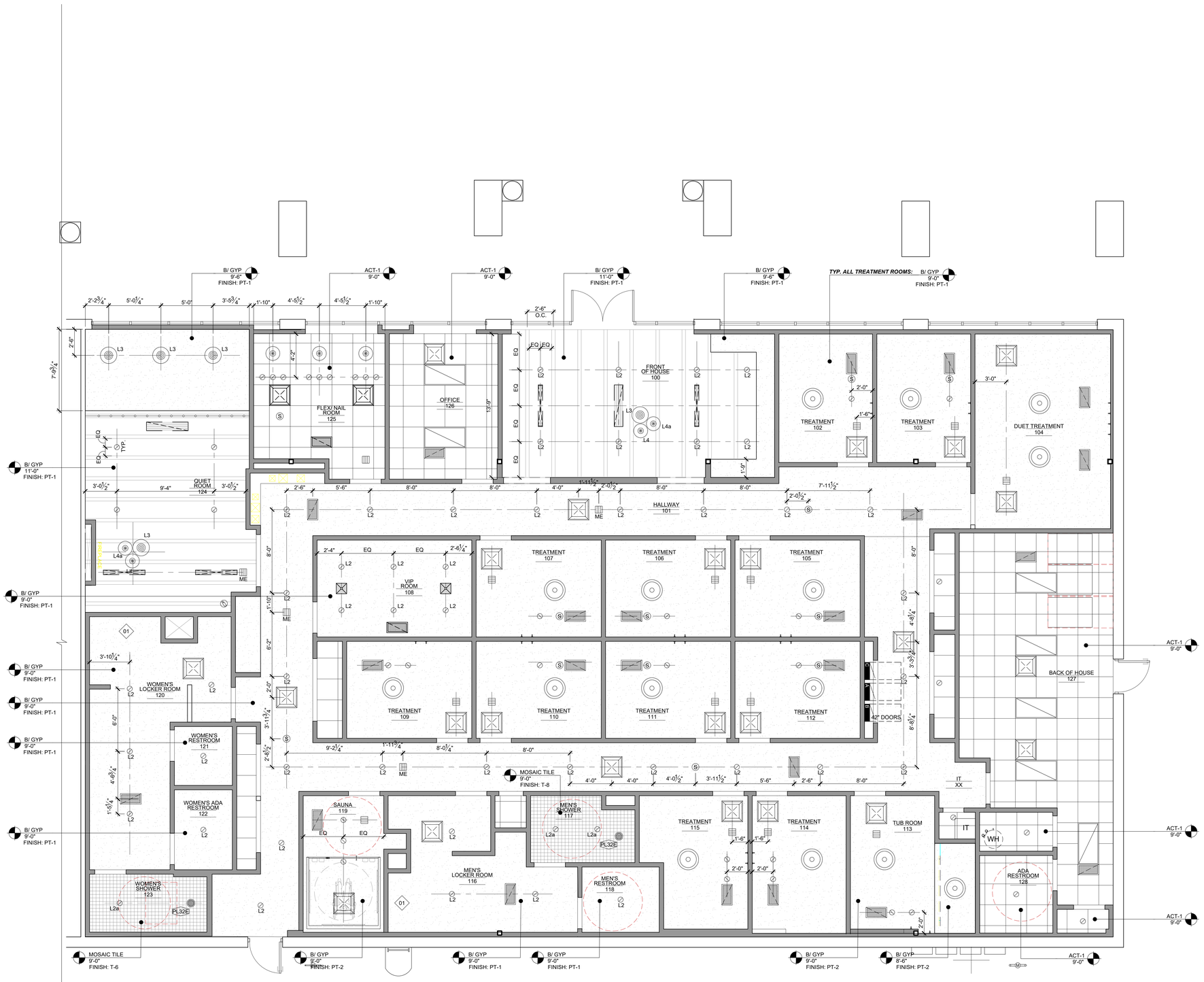

KEYNOTES

01 REFER TO ELEVATIONS FOR WALL MOUNTED FIXTURE HEIGHT.

02 ~~LIGHT FIXTURES TO ALIGN WITH CENTERLINE OF MILLWORK BELOW. COORDINATE MILLWORK INSTALLATION WITH LIGHTING.~~

03 EXTERIOR SIGNAGE IS BY SIGNAGE CONTRACTOR UNDER SEPARATE PERMIT. SIGN CONTRACTOR SHALL COORDINATE PERMITS FOR EXTERIOR SIGNAGE.

04 ~~ALL OPEN CEILINGS, AND DUCTING/CONDUIT TO BE SPRAYED P-1.~~

05 ~~ALL FACES OF SOFFIT TO BE PAINTED P-4.~~

06 ~~A.C.T. GRID STARTING POINT.~~

07 ~~COORDINATE SOFFIT HEIGHT WITH LOCKERS. SEE ELEVATIONS FOR LOCKER HEIGHTS.~~

08 ~~L8 TAPE LIGHT UNDER MIRROR. SEE DETAIL SHEETS~~

09 ~~CEILING MOUNTED EM LIGHTING~~

10 ~~IN AREAS WITH OPEN CEILINGS, HOLD ALL DUCTING AND CONDUIT TIGHT TO THE STRUCTURE ABOVE~~

CEILING FIXTURE LEGEND

- TITUS OMNI 24" SUPPLY
- TITUS 50F 12"x24" RETURN
- TITUS FL-20 1-SLOT SUPPLY
- TITUS TBR-80 4-SLOT RETURN
- L1 — 2'x4' WHITE INTEGRATED LED DIMMABLE FLAT PANEL LIGHT W/ SELECTABLE COLOR TEMPERATURE
- L2 — 6" RECESSED CAN LIGHT
- L2a — 6" WET-RATED RECESSED CAN LIGHT
- L2b — 6" EXTERIOR RECESSED CAN LIGHT
- L3/ L3a — 21" WOVEN PENDANT FIXTURE *MOUNTING HEIGHT:* L3: 6'-6" AFF (RECEPTION & QUIET RM) L3a: 7'-0" AFF (NAIL CHAIRS)
- L4/ L4a — 14" WOVEN PENDANT FIXTURE *MOUNTING HEIGHT:* L4: 7'-4" AFF (RECEPTION & QUIET RM) L4a: 7'-0" AFF (RECEPTION & QUIET RM)
- L8 — LED COVE FIXTURE
- L13 — 14" WOVEN PENDANT FIXTURE *MOUNTING HEIGHT:* L13: 7'-4" AFF (TREATMENT RM)
- S — MUSIC SPEAKER
- ME — SOUND MASKING EMITTER

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CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

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REFLECTED CEILING PLAN

A2-11

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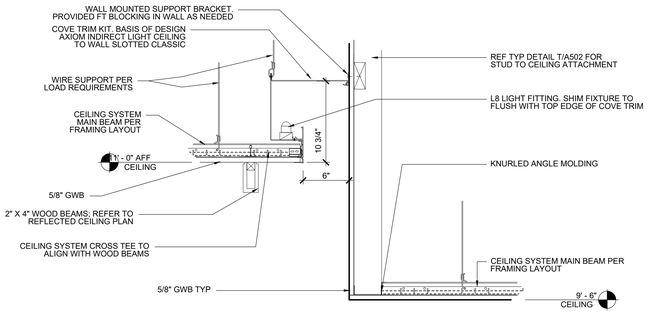
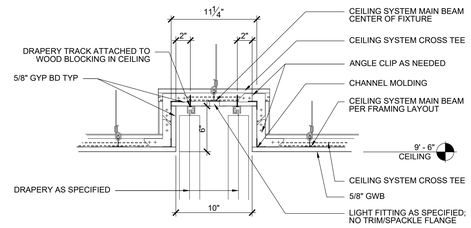
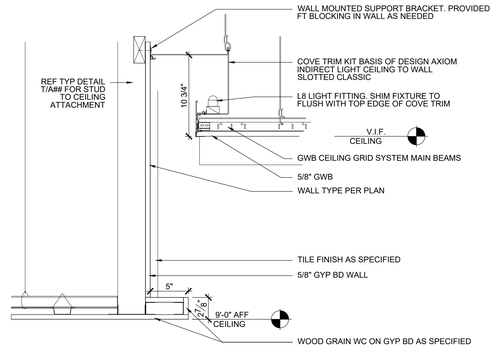


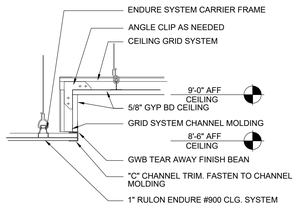
E CEILING SECTION
1 1/2" = 1'-0"



F CEILING SECTION
1 1/2" = 1'-0"



G CEILING SECTION
1 1/2" = 1'-0"



H CEILING SECTION
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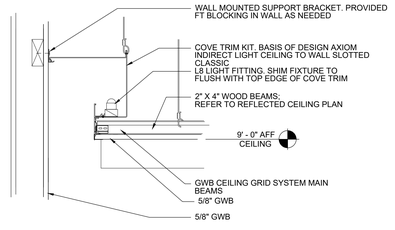
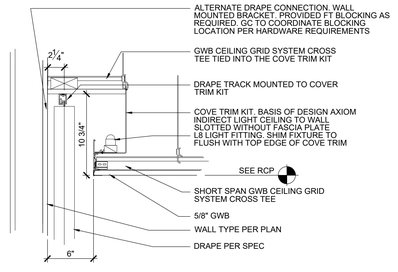


J CEILING SECTION
1 1/2" = 1'-0"



K CEILING SECTION
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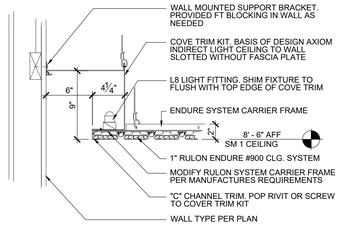
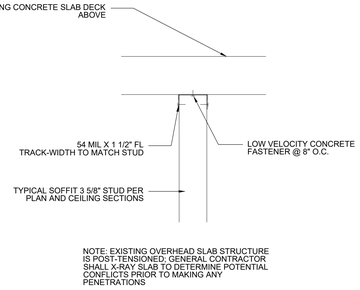
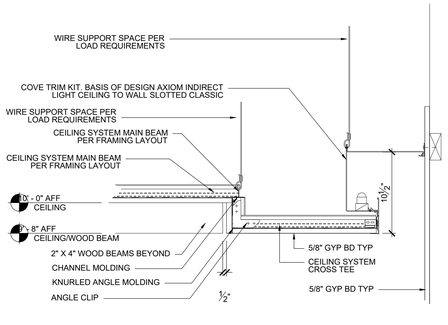


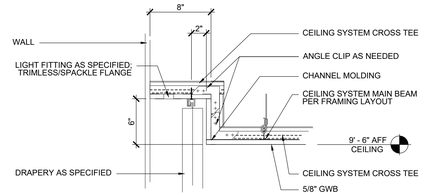
L CEILING SECTION
1 1/2" = 1'-0"



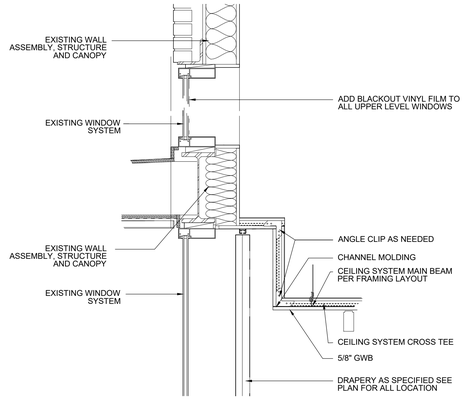
M CEILING DETAIL - TYP.
1 1/2" = 1'-0"



N CEILING SECTION
1 1/2" = 1'-0"



O CEILING SECTION
1 1/2" = 1'-0"



P CEILING DETAIL AT FACADE
1-1/2" = 1'-0"

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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Drawn By: KP / JZ
Approved By: JD
Project Number: 25-005

SHEET TITLE & NUMBER

CEILING PLAN DETAILS

A2-12

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PLOT DATE: 3/4/2025 5:57 PM

SEISMIC LOCKING PIN

CROSS RUNNER

MAIN RUNNER

SPLAY BRACE WIRE

LATERAL FORCE BRACING NOT TO EXCEED 12' — 4' MAX

(4) IN BOTH DIRECTIONS WITH THE FIRST PAIT WITH 6" FROM EA WALL

CROSS RUNNER

PANEL

WALL TRIM

CONT. HORIZ. STRUT TO PREVENT SPREADING OF RUNNERS

SPLICES AND INTERSECTIONS OF RUNNERS SHALL BE ATTACHED WITH MECHANICAL INTERLOCKING CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, PLATES WITH BENT TABS, OR OTHER APPROVED CONNECTORS. DESIGN CONNECTORS FOR 2 X DESIGN LOAD OR ULTIMATE AXIAL TENSION OR COMPRESSION (MINIMUM 60 POUNDS).

OR: CROSS-FURRING SHALL BE SECURELY ATTACHED TO THE MAIN RUNNER BY SADDLE-TYING WITH NOT LESS THAN ONE STRAND OF NO.16 OR TWO STRANDS OF NO.18 US. GAUGE TIE WIRE OR APPROVED EQUIVALENT ATTACHMENTS.

HANGER WIRE

LOCKING CLIP TO FASTEN CROSS RUNNER TO MAIN RUNNER

LATERAL FORCE-BRACING MEMBERS FOR SUSPENDED CEILINGS SHALL BE A MINIMUM OF 6' FROM ALL HORIZONTAL PIPING OR DUCT WORK NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND STRUCTURE AND SHALL SUPPORT A DESIGN LOAD THE GREATER OF 200 LBS OR THE ACTUAL LOAD, WITH A SAFETY FACTOR OF 2. (UBC STDS. 25.213, 25.214)

SUSPENDED CEILING DETAIL AT WALL

HANGER WIRE	ALLOWABLE TENSION
#12	170#
#11	225#
#10	300#

RUNNERS AND FURRING: THE MAIN RUNNER AND CROSS FURRING SHALL BE NOT LESS THAN THE SIZES SET FORTH, EXCEPT THAT OTHER STEEL SECTIONS OF EQUIVALENT STRENGTH MAY BE SUBSTITUTED FOR THOSE SET FORTH.

HANGERS: HANGERS FOR SUSPENDED CEILING SHALL BE NOT LESS THAN THE SIZES SET FORTH, FASTENED TO OR EMBEDDED IN THE STRUCTURAL FRAMING, MASONRY, OR CONCRETE. HANGERS SHALL BE SADDLE-TIED AROUND MAIN RUNNERS TO DEVELOP THE FULL STRENGTH OF THE HANGERS. LOWER ENDS OF FLAT HANGERS SHALL BE BOLTED WITH 1/4" BOLTS TO RUNNER CHANNELS OR BENT TIGHTLY AROUND RUNNERS AND BOLTED TO THE MAIN PART OF THE HANNGERS.

MECHANICAL AND LIGHT FIXTURES: MUST BE CONNECTED TO ONE (1) VERTICAL 12 GA. WIRE ATTACHED TO OPPOSING CORNERS ALONG THE FIXTURE'S DIAGONAL. THESE WIRES MAY BE SLACK. PROVIDE PERIMETER VERTICAL WEIS 8" OUT FROM WALL. (UBC STDS. NO. 25.213, 25.214)

VERTICAL STRUT SUPPORTED FROM THE STRUCTURAL MEMBERS ABOVE TO THE MAIN RUNNER @ 12' O.C. IN BOTH DIRECTIONS, STARTING 6' FROM WALLS. STRUTS UP TO 4' LONG MAY USE A MIN. 25 GA. METAL STUD WITH 7/8" FLANGES. STRUTS TO BE PLACED WITHIN 2" OF THE FOUR SPLAYED WIRES.

#12 GA 45 SPLAY WIRE BRACING IN PLANE OF MAIN RUNNER. ALL WIRES ATTACHED TO MAIN RUNNER, 4 DIRECTIONS. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12' O.C. IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6' FROM EACH WALL. (UBC STDS 25.213, 25.214)

45°

F=ZICpWp WHERE Cp=0.EF=SICpWp Wp=TRIBUTARY AREA x WEIGHT OF CEILING (4 MIN.)

CROSS RUNNER

2" MAX

MAIN RUNNER @ 4'- 0" O.C.

SPLICE

F=ZICpWp

AXIOM AXTBC

ACOUSTICAL GRID

AXIOM TRANSITION AX15DSCSTR

F CEILING JOINT SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE TO STRUCTURE
ARMSTRONG KAM151220E
ARMSTRONG DRYWALL CROSS TEE XL8945 (16" O.C.)
SEE RCP CEILING
ARMSTRONG DW90C
ARMSTRONG FRAMEALL DRYWALL MAIN (4" O.C.)
LIGHT FIXTURE BY OTHERS
ARMSTRONG KAM151220E
ARMSTRONG DW90C
ARMSTRONG KAM151220E
SEE RCP CEILING
INVERTED GRID
ARMSTRONG DW90C
ARMSTRONG FRAMEALL DRYWALL MAIN HD8906 (4" O.C.)

H CEILING SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE TO STRUCTURE
ARMSTRONG KAM151220E
ARMSTRONG DRYWALL CROSS TEE XL8945
ARMSTRONG KAM151220E
SEE RCP CEILING
ARMSTRONG SIMPLE SOFFIT MAIN BEAM (4" O.C.)
10" U.N.O.
LIGHT FIXTURE BY OTHERS
ARMSTRONG KAM151220E
4" U.N.O.
SEE RCP CEILING
ARMSTRONG KAM151220E
ARMSTRONG FRAMEALL DRYWALL MAIN HD8906 (4" O.C.)

G CEILING SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE TO STRUCTURE
ARMSTRONG PRELUDE MAIN BEAM
ARMSTRONG ACOUSTICAL LAY-IN PANEL
AXIOM AXTBC
SEE RCP CEILING
AXIOM INDIRECT LIGHT COVE CEILING TO CEILING KNIFE-EDGE AXIDLCCKE812
LIGHT FIXTURE BY OTHERS
SEE RCP CEILING
ARMSTRONG PRELUDE MAIN BEAM
ARMSTRONG ACOUSTICAL LAY-IN PANEL
AXIOM AXCCLT45

F CEILING SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE
ARMSTRONG KAM-151220E
ARMSTRONG DRYWALL CROSS TEE XL8945
ARMSTRONG DW90C
SEE RCP CEILING
ARMSTRONG KAM-151220E
LIGHT FIXTURE BY OTHERS
ARMSTRONG DW90C
ARMSTRONG DW90C
CEILING, CLG
SEE RCP CEILING
8" U.N.O.
1'-4" U.N.O.
ARMSTRONG FRAMEALL DRYWALL MAIN HD8906
AXIOM INDIRECT FIELD LIGHT COVE AXIFLCWKD
AXIOM AXCCLT45

E CEILING SECTION
SCALE: 1-1/2"=1'-0"

KNURLED ANGLE MOLDING
WALL TYPE PER PLAN
CEILING SYSTEM MAIN BEAM PER FRAMING LAYOUT
CEILING SYSTEM CROSS TEE TO ALIGN WITH BEAM
11' - 0" AFF CEILING
4"
5/8" GYP BD
VARIES SEE RCP
2"
TYPICAL WOOD BEAMS
RECESS LED LIGHT AND HOUSING WITH SPACKLE FLANGE

D CEILING SECTION
1 1/2" = 1'-0"

WALL TYPE PER PLAN
COVE TRIM KIT, BASIS OF DESIGN AXIOM INDIRECT LIGHT CEILING TO GWB CEILING SLOTTED WITHOUT FASCIA PLATE.
L8 LIGHT FITTING, SHIM FIXTURE TO FLUSH WITH TOP EDGE OF COVE TRIM
2'-10"
4¼"
6"
ENDURE SYSTEM CARRIER FRAME
8' - 6" AFF SM 1 CEILING
1" RULON ENDURE #900 CLG. SYSTEM
MODIFY RULON SYSTEM CARRIER FRAME PER MANUFACTURES REQUIREMENTS
"C" CHANNEL TRIM. POP RIVIT OR SCREW TO COVE TRIM KIT

C CEILING SECTION
1 1/2" = 1'-0"

2¼"
WALL MOUNTED DRAPE TRACK BRACKET, PROVIDED FT 2X6 BLOCKING AS REQUIRED. GC TO COORDINATE BLOCKING LOCATION PER HARDWARE REQUIREMENTS
DRAPE TRACK MOUNTED TO COVER TRIM KIT
COVE TRIM KIT, BASIS OF DESIGN AXIOM INDIRECT LIGHT CEILING TO WALL SLOTTED CLASSIC
WALL TYPE PER PLAN
SEE RCP CEILING
6" TYP
GWB CEILING GRID SYSTEM MAIN BEAMS
5/8" GWB
MITER BOARDS AT CORNER TURN LOCATIONS
¾ X 5 ½" PAINTED POPLAR, PAINT TO MATCH CEILING, GLUE AND NAIL TO CEILING
TAPELIGHT L8
¾ X 5 ½" PAINTED POPLAR, PAINT P-3, GLUE AND NAIL TO BOARD ABOVE. FILL ALL EXPOSED NAIL HOLES W/ PAINTABLE FILLER FOR SEAMLESS FINISH.

B LIGHT COVE DETAIL W/ DRAPERY
1 1/2" = 1'-0"

WALL TYPE PER PLAN
SEE RCP CEILING
6" TYP
CEILING GRID SYSTEM MAIN BEAMS
REFERENCE RCP FOR CEILING SYSTEM FINISHES
MITER BOARDS AT CORNER TURN LOCATIONS
¾ X 5 ½" PAINTED POPLAR, PAINT TO MATCH CEILING, GLUE AND NAIL TO CEILING
TAPELIGHT -REF LIGHTING LEGEND
¾ X 5 ½" PAINTED POPLAR, PAINT P-3, GLUE AND NAIL TO BOARD ABOVE. FILL ALL EXPOSED NAIL HOLES W/ PAINTABLE FILLER FOR SEAMLESS FINISH.

A LIGHT COVE DETAIL
1 1/2" = 1'-0"

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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

CEILING PLAN DETAILS

A2-13

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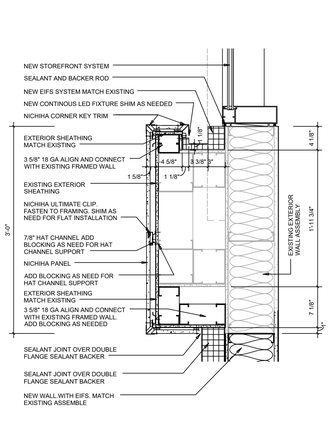
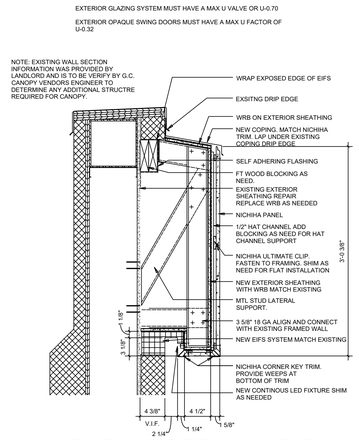
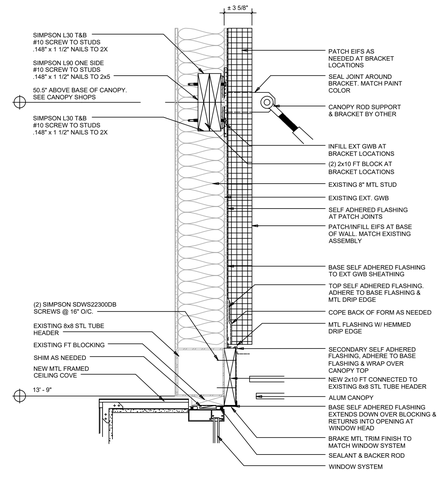
01 NORTH EXTERIOR ELEVATION
1/4" = 1'-0"



2 FACADE DETAIL - PLAN
1-1/2"=1-0"



3 FACADE DETAIL - HEAD
1-1/2"=1-0"



4 WALL SECTION AT CANOPY
1-1/2"=1-0"

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Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date

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EXTERIOR ELEVATION

A4-10

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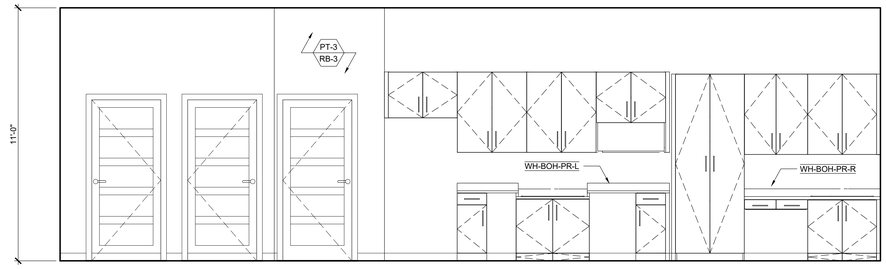
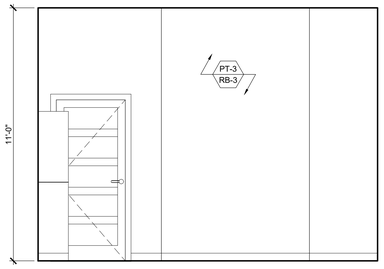
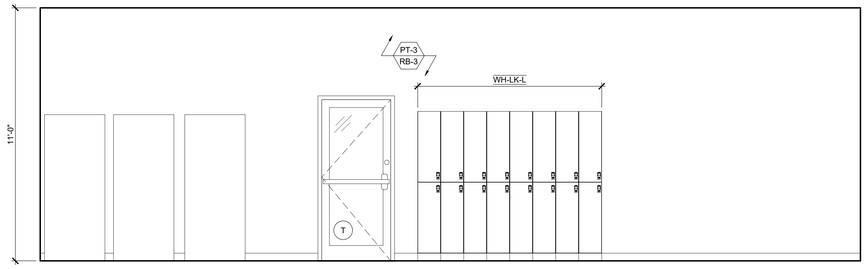


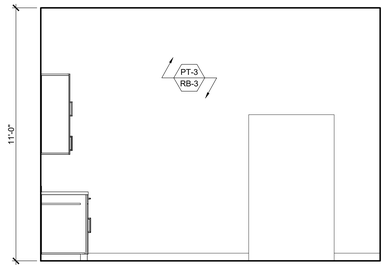
12 PREP AREA/LAUNDRY (W)
3/8" = 1'-0"



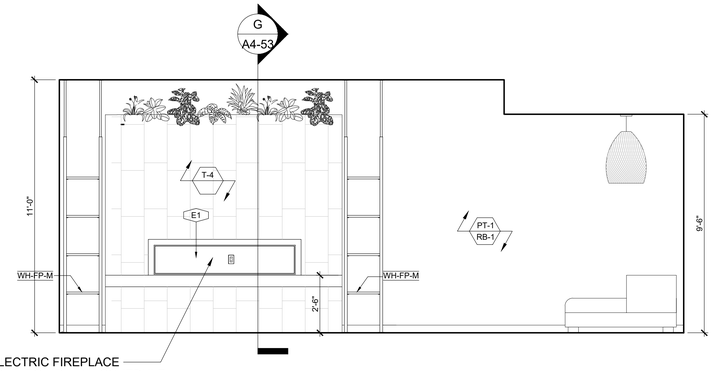
11 PREP AREA/LAUNDRY (S)
3/8" = 1'-0"



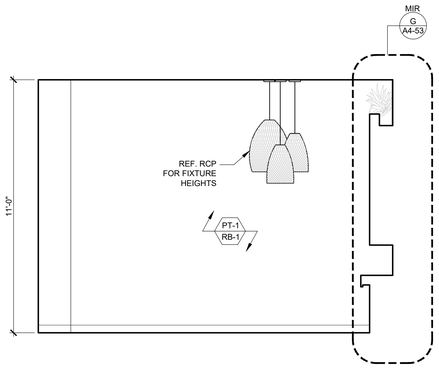
10 PREP AREA/LAUNDRY (E)
3/8" = 1'-0"



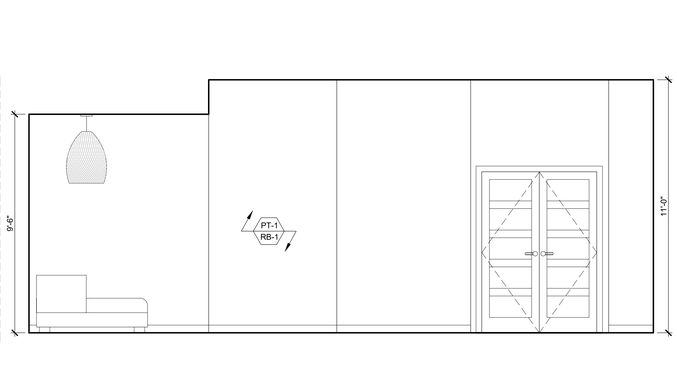
9 PREP AREA/LAUNDRY (N)
3/8" = 1'-0"



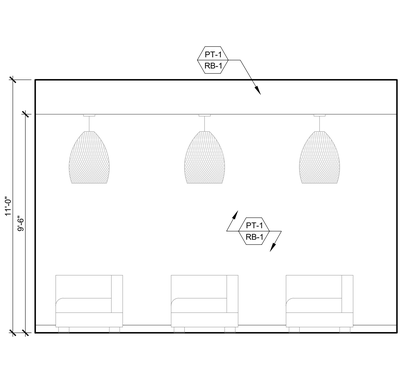
8 QUIET ROOM (W)
3/8" = 1'-0"



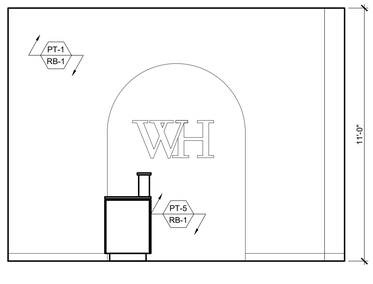
7 QUIET ROOM (S)
3/8" = 1'-0"



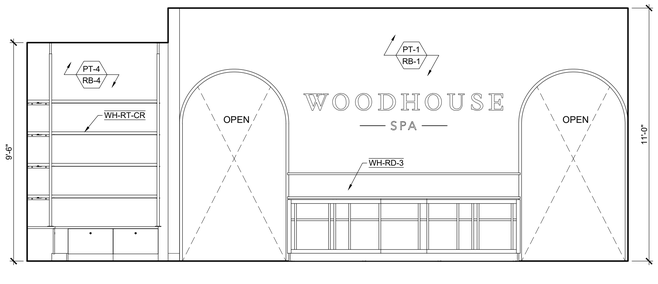
6 QUIET ROOM (E)
3/8" = 1'-0"



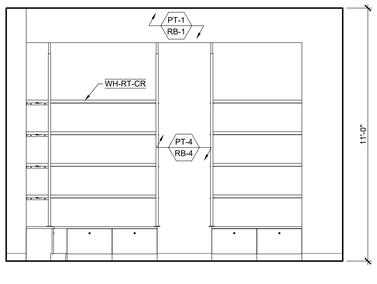
5 QUIET ROOM (N)
3/8" = 1'-0"



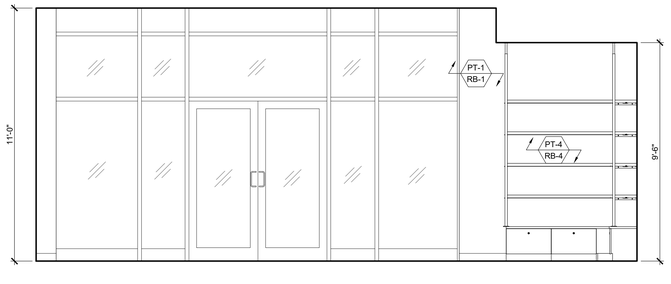
4 LOBBY @ FEATURE WALL (W)
3/8" = 1'-0"



3 LOBBY @ RECEPTION (S)
3/8" = 1'-0"



2 LOBBY @ RETAIL (E)
3/8" = 1'-0"



1 LOBBY @ STOREFRONT (N)
3/8" = 1'-0"

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CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

INTERIOR ELEVATIONS

A5-11

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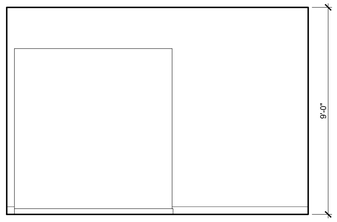
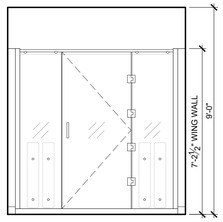
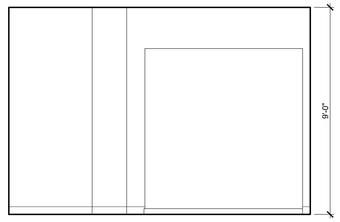


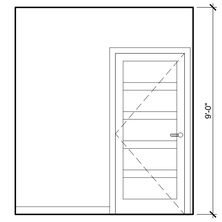
16 SAUNA ROOM (W)
3/8" = 1'-0"



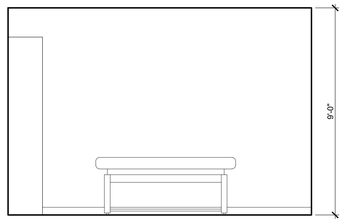
15 SAUNA ROOM (S)
3/8" = 1'-0"



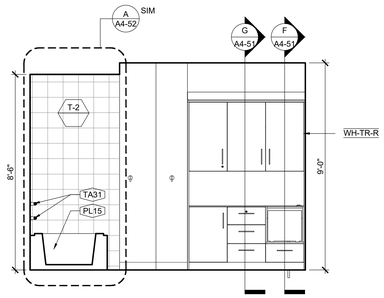
14 SAUNA ROOM (E)
3/8" = 1'-0"



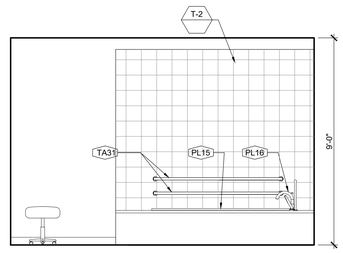
13 SAUNA ROOM (N)
3/8" = 1'-0"



12 TUB ROOM (W)
3/8" = 1'-0"



11 TUB ROOM (S)
3/8" = 1'-0"



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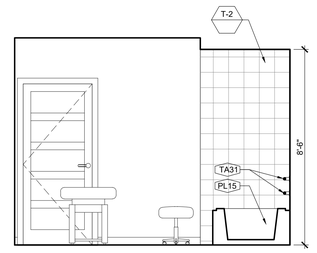
3/8" = 1'-0"



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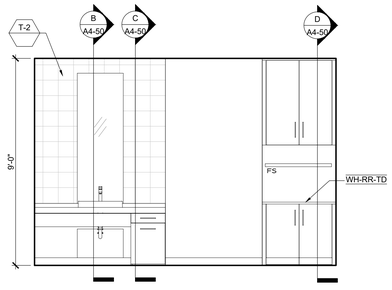
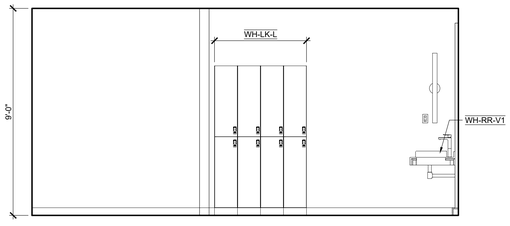
3/8" = 1'-0"



8 MEN'S LOCKER ROOM (W)
3/8" = 1'-0"



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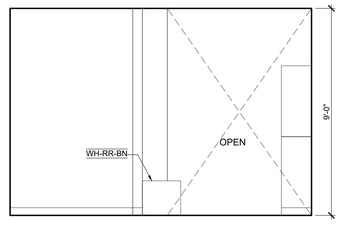
3/8" = 1'-0"



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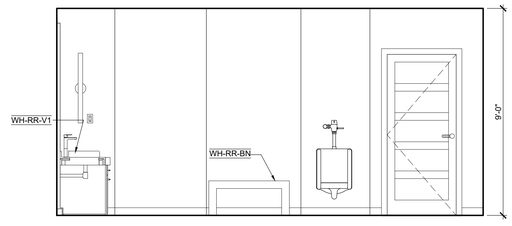
3/8" = 1'-0"



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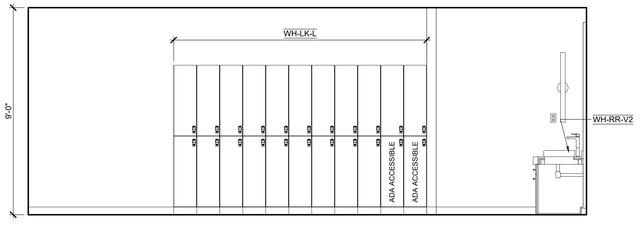
3/8" = 1'-0"



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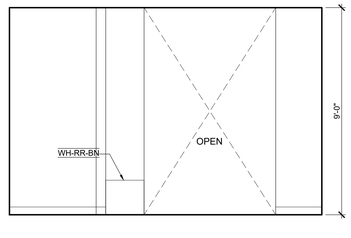
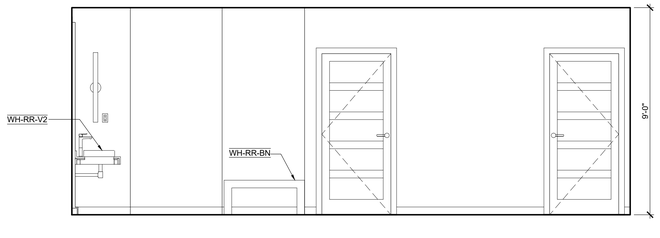
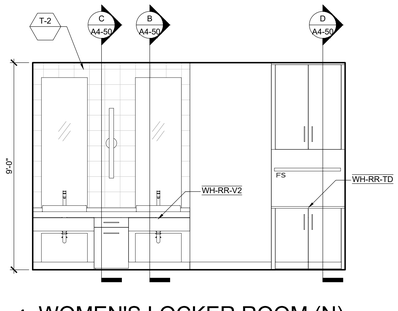
3/8" = 1'-0"



3 WOMEN'S LOCKER ROOM (S)
3/8" = 1'-0"



2 WOMEN'S LOCKER ROOM (E)
3/8" = 1'-0"



1 WOMEN'S LOCKER ROOM (N)
3/8" = 1'-0"

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DXU ARCHITECTS
411 West Ohio • Chicago • Illinois • 60654
T 312 313 2121 • F 312 313 2120

CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

SHEET TITLE & NUMBER

INTERIOR ELEVATIONS

A5-12

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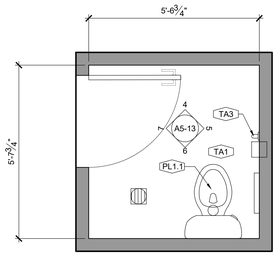
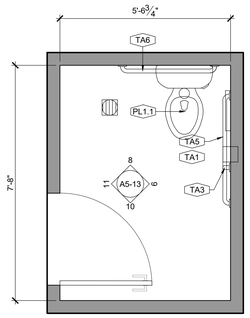
PLOTTED BY: KEVIN PASLEY

PLOT DATE: 04/2025 6:09 PM



1 WOMEN'S RESTROOM 1
1/2"=1'-0"



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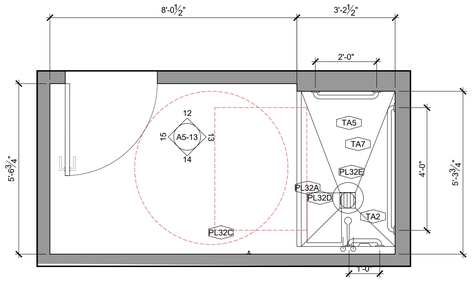
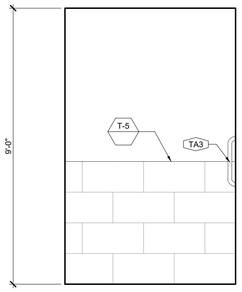


3 WOMEN'S SHOWER ROOM
1/2"=1'-0"



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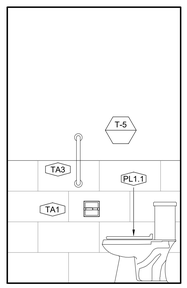
1/2"=1'-0"



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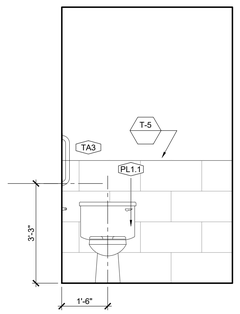
1/2"=1'-0"



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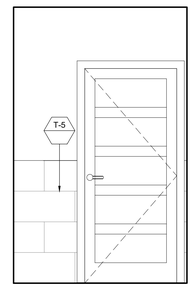
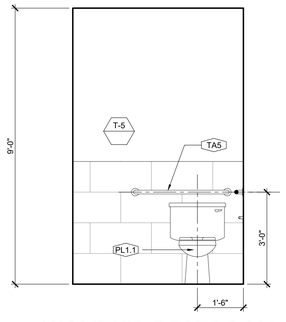
1/2"=1'-0"



7 WOMEN'S RESTROOM 1 - W
1/2"=1'-0"



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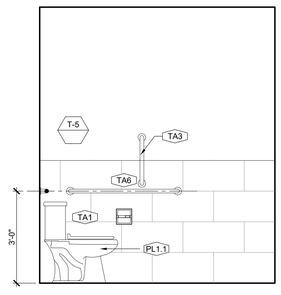
1/2"=1'-0"



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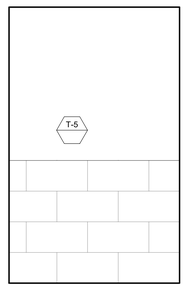
1/2"=1'-0"



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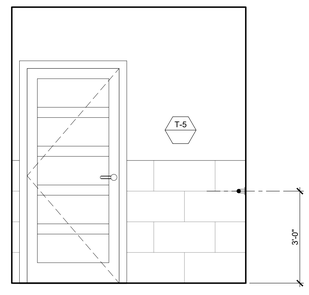

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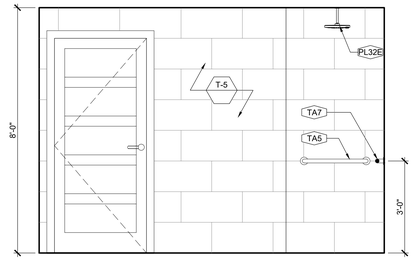
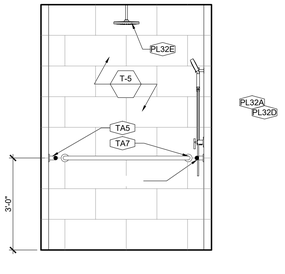
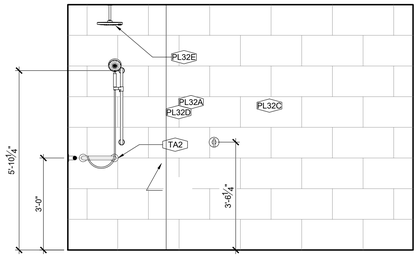


12 WOMEN'S SHOWER ROOM - N
1/2"=1'-0"



13 WOMEN'S SHOWER ROOM - E
1/2"=1'-0"



14 WOMEN'S SHOWER ROOM - S
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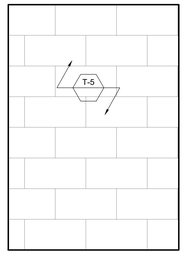

15 WOMEN'S SHOWER ROOM - W
1/2"=1'-0"

PLOT DATE: 3/4/2025 6:07 PM
PLOTTED BY: KEVIN PASLEY

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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

ENLARGE BATHROOM PLANS & ELEVATIONS

A5-13

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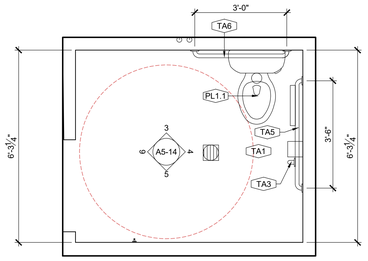

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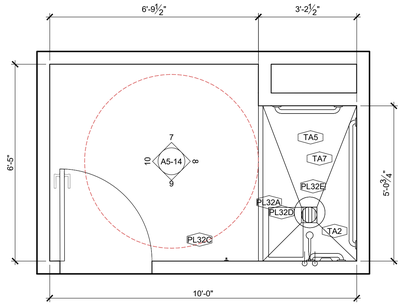
1/2"=1'-0"



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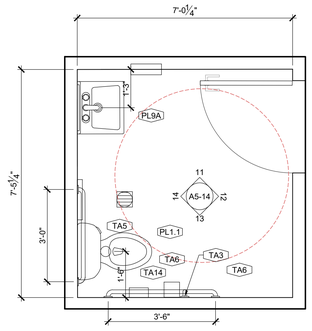

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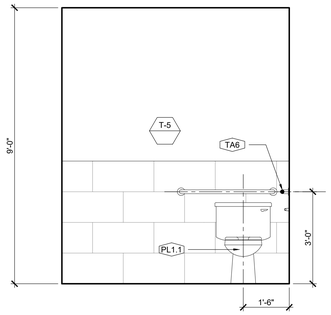

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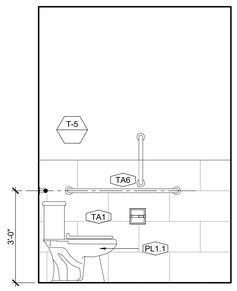

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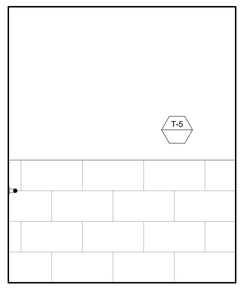

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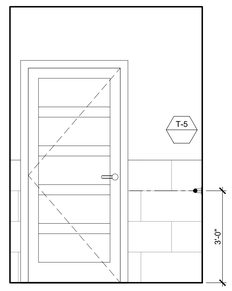

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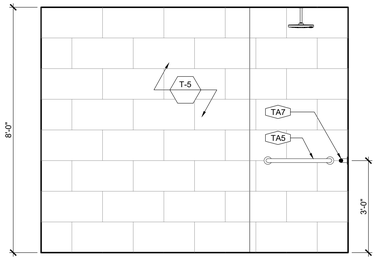

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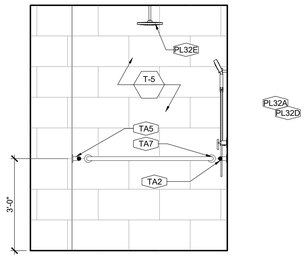

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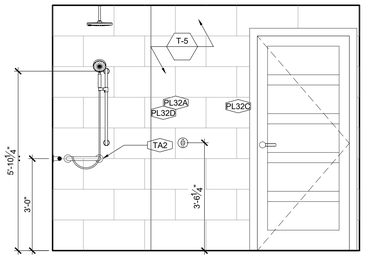
1/2"=1'-0"



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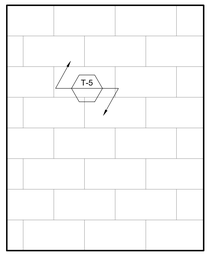
1/2"=1'-0"



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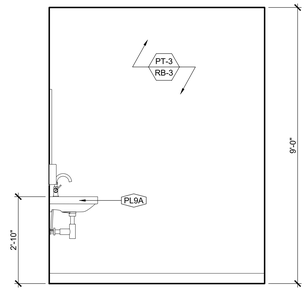
1/2"=1'-0"



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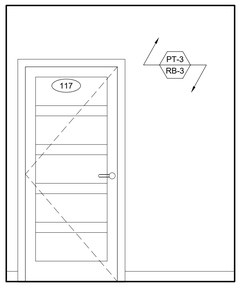
1/2"=1'-0"



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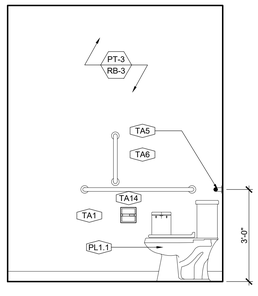
1/2"=1'-0"



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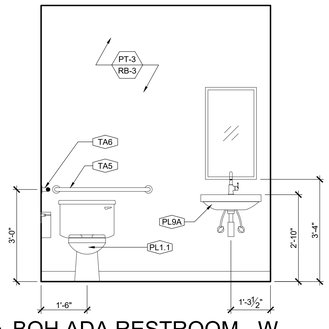

10 BOH ADA RESTROOM - W
1/2"=1'-0"

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ARCHITECT

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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

ENLARGE BATHROOM PLANS & ELEVATIONS

A5-14

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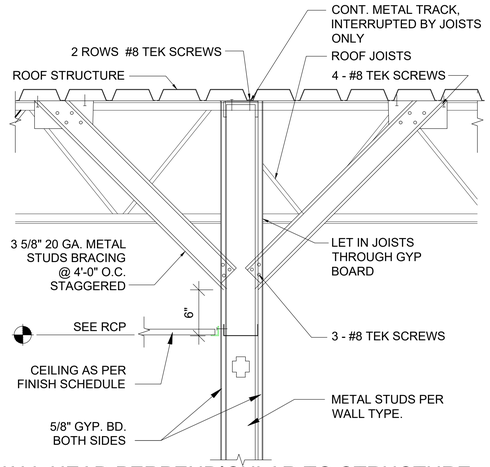
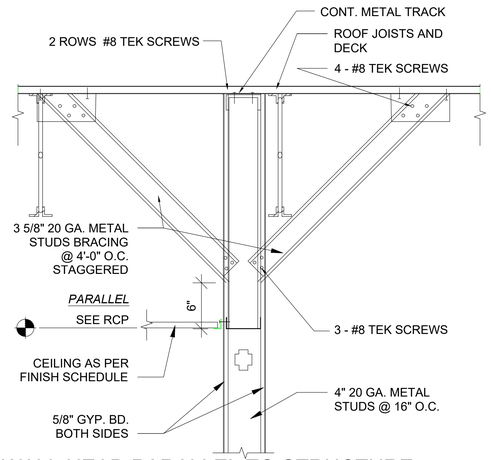
PLOT DATE: 3/4/2025 6:09 PM



2 WALL HEAD PERPENDICULAR TO STRUCTURE

1-1/2"=1'-0"

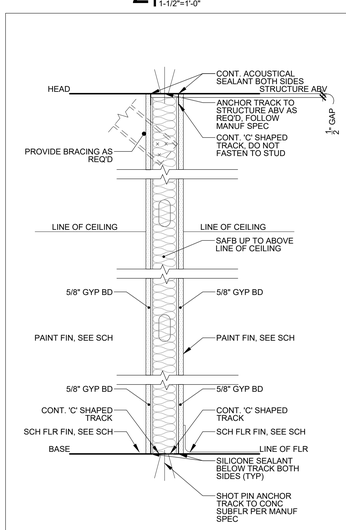


3 WALL HEAD PARALLEL TO STRUCTURE

1-1/2"=1'-0"

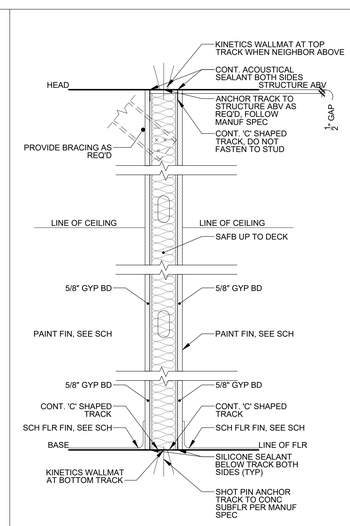
GENERAL PARTITION NOTES

1. PARTITIONS ARE INDICATED ON FLOOR PLANS BY GRAPHIC DESIGNATION AND/OR TYPE SYMBOL - REFER TO PARTITION LEGEND.
2. LINE OF STRUCTURE INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY - VERIFY EXISTING CONDITIONS IN FIELD.
3. DO NOT FASTEN PARTITION STUDS AND GYPSUM BOARD TO METAL CEILING RUNNER, TO ALLOW FOR STRUCTURAL DEFLECTION.
4. PROVIDE BRACING WHERE PARTITION HEIGHT EXCEEDS MANUFACTURER'S ALLOWABLE HEIGHT. DO NOT BRACE TO DUCTWORK OR OTHER SUCH COMPONENTS VERIFY ALLOWABLE HEIGHT PSF REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
5. THE FIRE RATINGS AND STC RATINGS NOTED FOR THE GYPSUM BOARD PARTITION ASSEMBLIES SHOWN ARE COPIED AND TRANSCRIBED HERE FOR CONVENIENCE ONLY FROM THE UNDERWRITERS LABORATORY DIRECTORY AND THE UNITED STATES GYPSUM CATALOG.
6. WALL ASSEMBLIES AND PARTITIONS THAT RECEIVE FIRE RESISTIVE RATINGS SHALL BE CONSTRUCTED PER TESTED ASSEMBLIES, MANUFACTURER'S RECOMMENDATIONS AND THE REQUIREMENTS OF ALL APPLICABLE CODES AND LOCAL GOVERNING AUTHORITIES.
7. PENETRATIONS OR PRODUCTS FOR USE IN SPECIFIC FIRE RATED PARTITION ASSEMBLIES SHALL BE BASED ON SUCCESSFUL PERFORMANCE IN FIRE TESTS. THESE PENETRATIONS MAY INCLUDE BUT ARE NOT LIMITED TO ITEMS SUCH AS PIPING, CONDUIT, OR HVAC DUCTWORK.
8. EACH PARTITION SHOWN ON THE DRAWINGS TO BE A FIRE AND/OR SMOKE RESISTANT PARTITION SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF THE WALL, 8'-0" O.C.
9. FIRE AND/OR SMOKE RESISTANT RATINGS ARE TO CONTINUE ABOVE ALL OPENINGS IN RATED PARTITIONS.
10. ELECTRICAL RECEPTACLES SHALL NOT BE LOCATED IN FIRE RATED PARTITIONS IN EXCESS OF TWO HOURS.
11. THE SURFACE AREA OF INDIVIDUAL METALLIC OUTLET OR SWITCH BOXES SHALL NOT EXCEED 16 SQ. IN. THE AGGREGATE SURFACE AREA OF BOXES SHALL NOT EXCEED 100 SQ. IN. PER 100 SQ. FT. OF WALL AREA. A HORIZONTAL DISTANCE OF 24 IN. SHALL SEPARATE BOXES LOCATED ON OPPOSITE SIDES OF PARTITIONS.
12. BOXES LOCATED IN CORRIDOR AND UNIT DEMISING PARTITIONS SHALL BE TREATED WITH ACOUSTICAL SEALANT AROUND PERIMETER AND BEHIND EACH BOX (FULL CLOSURE BED). IN ADDITION, OUTLET AND JUNCTION BOXES SHALL BE SEPARATED BY INSTALLING A METAL STUD BETWEEN THEM IN THE PARTITION.
13. COMPLETELY SEAL WITH CONTINUOUS ACOUSTICAL SEALANT ALL PARTITION HEADS, BASES, AND ENDS, PLUS SEAL ALL PENETRATIONS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING WORK.
14. SOUND ATTENUATION BLANKETS ARE TO BE INSTALLED IN ALL PARTITIONS SEPARATING PUBLIC FROM PRIVATE AREAS AND WHERE NOISE CAN BE TRANSMITTED (RESTROOMS) EXTEND BLANKETS FULL HEIGHT OF PARTITION UP TO BOTTOM OF STRUCTURE, INSTALLED IN TIGHT, COMPRESSION FIT TO STUDS, STRUCTURE AND ADJACENT SURFACES.
15. FINAL LOCATION AND PLACEMENT OF MEPFP ITEMS (BOTH HORIZONTAL AND VERTICAL) SHALL BE COORDINATED SUCH THAT THEY DO NOT TOUCH STUD PARTITION ASSEMBLIES AND CREATE AN ACOUSTICAL PROBLEM SUCH AS VIBRATION, IMPACT NOISE, ETC.
16. PROVIDE FIRE RETARDANT WOOD BLOCKING IN METAL STUD PARTITIONS AS REQUIRED FOR SUPPORT AND/OR INSTALLATION OF DOOR FRAMES, MOLDINGS, MILLWORK, WALL PANELS, HANDRAILS, GRAB BARS, AND/OR PARTITIONS WHICH CONTAIN PLUMBING FIXTURES (SUCH AS WET WALLS AND WALLS ADJACENT TO AND BEHIND PLUMBING FIXTURES) U.N.O.
19. CEMENTITIOUS BACKER BOARD SHALL BE USED AT PARTITIONS WHICH CONTAIN BATHROOM OR KITCHEN PLUMBING FIXTURES U.N.O.
20. USE GALVANIZED METAL CORNER BEADS AND EDGE TRIMS (OR SCREEDS AS REQUIRED) IN ALL EXPOSED WORK, POSITIVELY ATTACHED WITH FASTENERS.
21. TAPE AND APPLY JOINT COMPOUND TO ALL INTERIOR CORNERS AND MOVEMENT CONTROL JOINTS IN GYPSUM BOARD PARTITIONS U.N.O.
22. PROVIDE VERTICAL CONTROL JOINTS FOR ANY UNINTERRUPTED PARTITION LENGTH AT 30'-0" O.C. IN THE HORIZONTAL DIRECTION WHERE INDICATED OR AS REQUIRED. VERIFY LOCATIONS WITH ARCHITECT BEFORE INSTALLATION.
23. ALL PLUMBING, MECHANICAL AND ELECTRICAL WORK WITHIN PUBLIC SPACES IS TO BE CONCEALED BY PAINTED SUSPENDED GYPSUM BOARD SOFFITS AND CEILINGS, COORDINATE LOCATIONS WITH MEPFP DRAWINGS.
24. PROVIDE CONTINUOUS GYPSUM BOARD CANTS OF 75 DEGREES WITH 4" 20 GA GALVANIZED SHEET METAL STRAPS 4'-0" O.C. IN ELEVATOR SHAFTS MORE THAN 2'.
25. ALL MASONRY PARTITIONS THAT EXTEND BETWEEN STRUCTURAL CONCRETE COLUMNS AND/OR SHEAR WALLS SHALL HAVE VERTICAL SEALANT JOINTS BETWEEN CONCRETE AND MASONRY.
26. ALL FIRESAFED MASONRY PARTITIONS SHALL HAVE CONTINUOUS FIRESAFING OF DENSITY AS SPECIFIED. PROVIDE CONTINUOUS JOINT FILLER AND ELASTOMERIC SEALANT AT THE TOP OF THE WALL AND UNDERSIDE OF STRUCTURE.
27. INTERSECTIONS OF MASONRY PARTITIONS SHALL BE CONSTRUCTED BY INTERLOCKING ALTERNATE COURSES OF MASONRY AND INSTALLING METAL TIES, RIGID ANCHORS, OR PREFABRICATED JOINT REINFORCEMENT.
28. COORDINATE LOCATIONS OF ALL OPENINGS REQUIRED IN MASONRY PARTITIONS WITH ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS. REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE AND REINFORCING SCHEDULE.
29. SEE FINISH PLAN FOR WATERPROOFING REQUIREMENTS



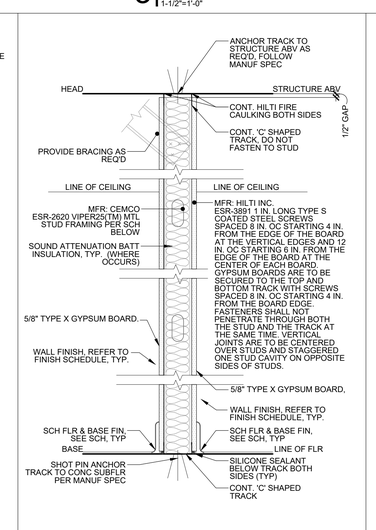
PARTITION: 5 (GENERAL & TREATMENT)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	-	-	-	-	-	-	-



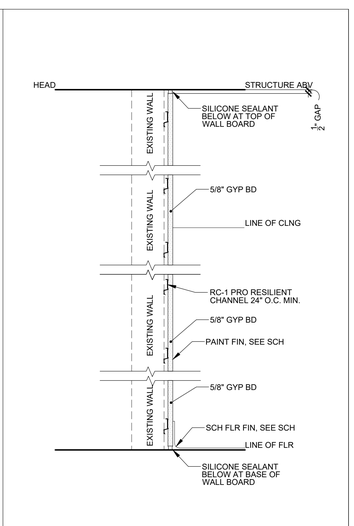
PARTITION: 6 (QUIET ROOM)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	49
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	48
C	2 1/2"	16" OC	N/A	2"	20	3 1/8" NOM	44
D	3 5/8"	16" OC	N/A	3"	16	5" NOM	48



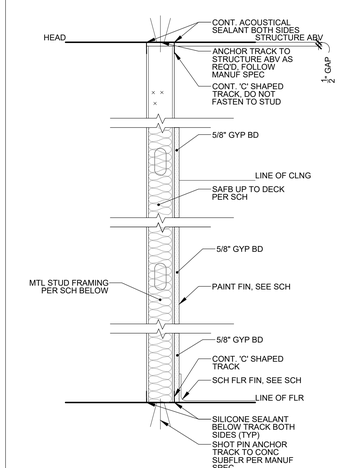
PARTITION: 7 (UL-419) 1 HOUR RATED

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	-	-	-	-	-	-	-
B	3-5/8"	16" OC	1 HR	3-1/2"	20	5" NOM.	45
C	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-



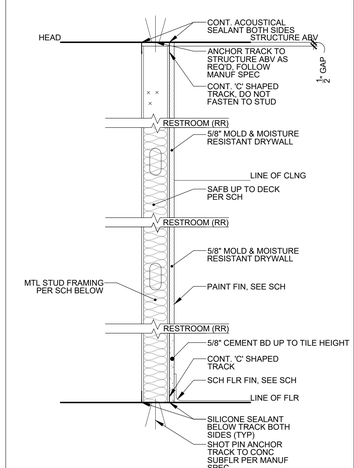
PARTITION: 8 SOUND FURRING

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-
D	1/2"	16" OC	N/A	0"	20	1" NOM.	N/A



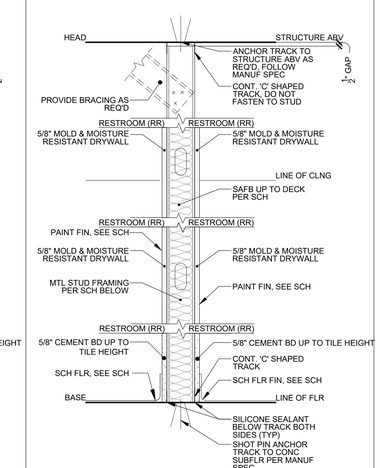
PARTITION: 1 (FURRING)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	6 5/8" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	4 1/4 " NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	1 5/8"	16" OC	N/A	0"	20	2 1/4" NOM	N/A



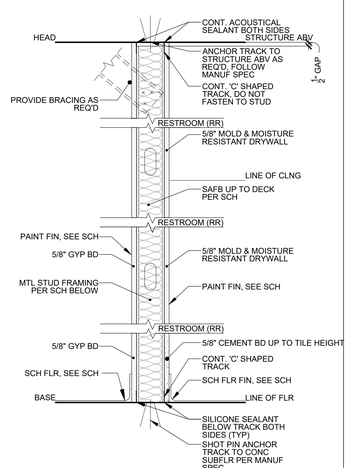
PARTITION: 2 (FURRING @ R.R.)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	6 5/8" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	4 1/4 " NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	1 5/8"	16" OC	N/A	0"	20	2 1/4" NOM	N/A



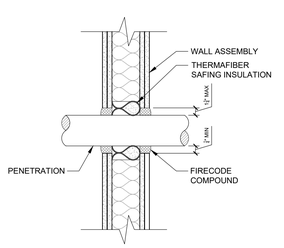
PARTITION: 3 (R.R. TO R.R.)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	-	-	-	-	-	-	-



PARTITION: 4 (R.R. TO OTHER)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	-	-	-	-	-	-	-



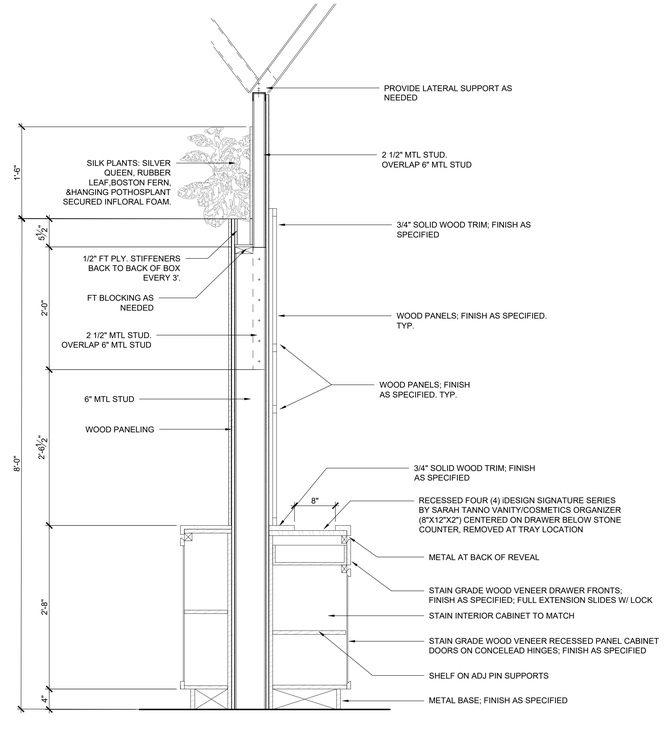
UL DESIGN U605 FIRESTOP WALL PENETRATION DETAIL

1 FIRESTOP PENETRATION DETAIL

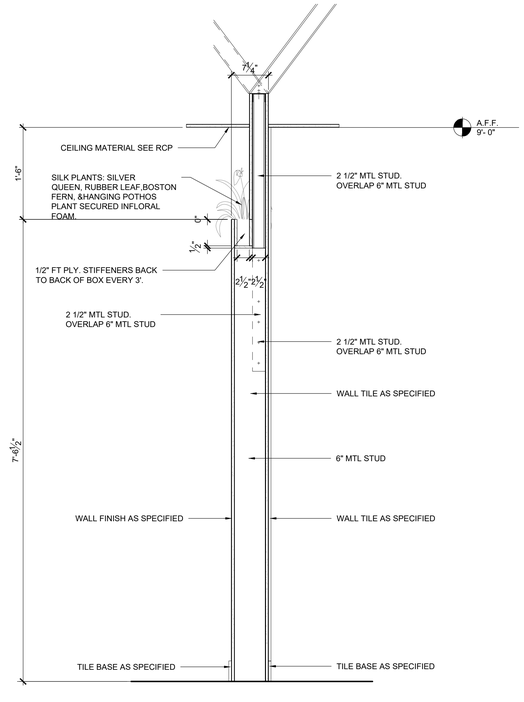
1-1/2" = 1'-0"

WALL TYPES

A8-1



A BRAND TOUCH POINT
1" = 1'-0"



E LOCKER ROOM PLANTER
1" = 1'-0"

NOT FOR CONSTRUCTION

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

MUNICIPAL APPROVAL STAMP

CLIENT

PROJECT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT

DXU ARCHITECTS
411 W. Ohio Street • Chicago, IL 60654
T: 312.733.2121 • F: 312.733.2199

CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

SHEET TITLE & NUMBER

WALL DETAILS

A8-1A

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2025 6:39 PM

PLOTTED BY: KEVIN PASLEY

EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER'S NAME	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
E1	ELECTRIC FIREPLACE	DIMPLEX	IGNITE XL, XLF74 W/ XLFTRIM74 TRIM KIT	G.C.	G.C.	PARTY ROOM
E2	CLINICIANS/ADJUSTABLE/FLAT TABLE	OAKWORKS	OAK358	OWNER	G.C.	TREATMENT, DUAL TREATMENT, AND DUET ROOM
E3	PNEUMATIC STOOL	-	-	OWNER	G.C.	<varies>
E4	POS COMPUTER	-	-	OWNER	OWNER	RECEPTION DESK
E7	INFRARED SAUNA	HALOTHERAPY	HaloIR 4-PERSON ADA	OWNER	G.C.	SAUNA/VITALITY ROOM
E8	HIMALAYAN SALT BRICK WALL	SALT CHAMBER	4" X 8" WHITE HIMALAYAN SALT BLOCK WALL W/ COLOR CHANGING LED LIGHTING - REF. SALT CHAMBER SPEC. SHEET FOR CONSTRUCTION DETAILS & INFO	G.C.	VENDOR	SALT ROOM
E8A	WALL MOUNTED PRIZMA DRY SALT AEROSOL MACHINE	HALOTHERAPY	SALT FX PRO. 10.6"W X 18.9"H X 10.2"D. 100-240V, 50/60 HZ	G.C.	VENDOR	SALT ROOM CL
E12	HOT TOWEL CABINET	EARTHLITE HOT TOWEL CABINET	C91923, UL LISTED, 120/220 VOLTS 15.5" x 14"H x 11"D	OWNER	OWNER	TR RM, FC RM, DUET RM, TUB/TR RM
E13	STEAMER AND MAGNIFYING LAMP	2-IN-1 STEAMER & MAGNIFYING LAMP FACIAL SYSTEM	CE722, 110V, HEATER COIL 650 WATTS, 60HZ 8 AMPS MAX	OWNER	OWNER	FC ROOM, DUAL FC RM
E14	WAX WARMER (LOCATED IN M13)	THERMAL SPA	DOUBLE WAX WARMER ELITE WITH LID, #PAR00501	OWNER	OWNER	FC ROOM, DUAL FC RM
E19	DUAL TEMPERATURE UV TOWEL WARMER CABINET	SPA EQUIP	SE0007	OWNER	OWNER	LOCATED IN M4 & M12, NAIL ROOM, PREP/BOH ROOM
E21	3-TIERED NAIL FIXTURE ON CASTERS	WOODHOUSE STANDARD	WOODHOUSE STANDARD	OWNER	OWNER	NAIL/FLEX ROOM
E22	HYDRAFACIAL MACHINE	HYDRAFACIAL	SYNDEO	OWNER	OWNER	FACIAL ROOMS
E23	STACKED WASHER-DRYER	DEXTER LAUNDRY	T-450	OWNER	VENDOR	PREP/BOH ROOM
E32	INSTANT HOT WATER TANK	INSINKERATOR	HWT300-F2000S	G.C.	G.C.	M9, M5, M12, WET BAR, NAIL RM, PREP
E33	UNDERCOUNTER STAINLESS STEEL DISHWASHER	WHIRLPOOL	#WDF130PAHB 24.5"D X 34.5"H X 24"W	G.C.	G.C.	PREP/BOH ROOM
E34	UNDER COUNTER STAINLESS STEEL ICE MAKER	MANITOWOC	SM-50A 14.75" AIR COOLED UNDERCOUNTER OCTAGONAL CUBE ICE MACHINE #499SM50A	G.C.	G.C.	PREP/BOH ROOM
E35	REFRIGERATOR	FRIGIDAIRE	FFTR2021TB	G.C.	G.C.	PREP/BOH ROOM
E36	COUNTER TOP MICROWAVE	GE CO.	JES1145DLWW	G.C.	G.C.	PREP/BOH ROOM
E37	COUNTER TOP COFFEE MAKER	-	MATCH FINISH TO OTHER APPLIANCES	OWNER	OWNER	PREP/BOH ROOM
E38	UNDERCOUNTER REFRIGERATOR	SUMMIT	ADA COMPLIANT BEVERAGE COOLER #ALBV2466 23.38"D X 31.63"H X 23.6"W	OWNER	G.C.	NAIL/FLEX ROOM
E45	DRAPERY SYSTEM	-	-	OWNER	OWNER	-
E46	IT CAB	-	-	IT VENDOR	IT VENDOR	OFFICE
E100	LIGHT STEM	-	-			FC RM, DUAL FC RM

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

PLUMBING SELECTIONS

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
PL1.1	TOILET - FLOOR MOUNTED, ADA	ZURN AND BEMIS	Z5560 WITH BEMIS 1055SSC WHITE FINISH	G.C.	G.C.	LOCKER ROOM, BOH
PL7	ADA COOLER FILTERED 8 GPH LIGHT GRAY	ELKAY	LZSTL8WSLP	G.C.	G.C.	HALL
PL9A	WALL HUNG LAVATORY SINK, WHITE FINISH	-	-	G.C.	G.C.	REFER TO PLUMBING SHEETS
PL9B	VANITY SINK	KOHLER	VOX RECTANGLE VESSEL BATHROOM SINK #K-5373-0, 22-5/8" X 16-1/8", WHITE FINISH	MILLWORKER	G.C.	BUILT IN M14A & M14B, LOCKER ROOMS
PL10	VANITY FAUCET	BWE	6004-H	MILLWORKER	G.C.	BUILT IN M14A & M14B, LOCKER ROOMS
PL11	TREATMENT SINK	KOHLER	K-3339-NA	MILLWORKER	G.C.	BUILT IN M13A, M13B, TR RM, DUET RM, FC RM, DUAL FC RM
PL12	TREATMENT FAUCET	BRIENZA	MONCALIERI SINGLE HANDLE 1-HOLE MOUNT VESSEL SINK FAUCET/DRAIN MODEL #BRN-MCRVFD FINISH: OIL RUBBED BRONZE	MILLWORKER	G.C.	BUILT IN M13A, M13B, TREATMENT ROOM, DUET ROOM, FC ROOM, DUAL FC ROOM
PL15	DROP IN BATH TUB	SWISS MADISON	SM-DB567	G.C.	G.C.	TUB ROOM
PL16	TUB FAUCET	KOHLER	K-77990-4 DECK-MOUNT BATH FAUCET HANDLES W/ VALVE (BL), K-77985 DECK-MOUNT BATH SPOUT W/ TUBE DESIGN (BL), K-21335-G ROUND TWO-FUNCTION HANDSHOWER, 1.75 GPM (BL), K-77989 HANDSHOWER HOLDER AND TWO-WAY DIVERTER VALVE (BL), K-26311 ADA HANDSHOWER HOSE ADAPTER (BL)	G.C.	G.C.	TUB ROOM
PL17	NAIL/FLEX SINK	MR DIRECT	T1717	MILLWORKER	G.C.	BUILT IN M5 & M9, WET BAR, NAIL/FLEX ROOM
PL18	NAIL/FLEX FAUCET	PEERLESS	P1819LF	MILLWORKER	G.C.	BUILT IN M5, M9, WET BAR, NAIL/FLEX ROOM
PL22	FLOOR DRAIN	SEE PLUMBING	-	G.C.	G.C.	-
PL24	LAUNDRY SINK	DURASTONE	COUNTERTOP SINK MODEL 11, COLOR: WHITE, 20"L X 17"W X 10"D	MILLWORKER	G.C.	BUILT IN M10, BOH ROOM
PL25	LAUNDRY FAUCET	DELTA	MODEL #B3310LF	MILLWORKER	G.C.	BUILT IN M10, BOH ROOM
PL27	MOP SINK	MUSTEE	E.L. MUSTEE, 24" X 24" MOP BASIN (63M)	G.C.	G.C.	JANITOR ROOM
PL28	INSTANT HOT FAUCET	INSINKERATOR	HWT300-FC000S	G.C.	G.C.	M9, M5, M12, WET BAR, NAIL ROOM, PREP
PL29	PREP SINK	DAYTON SPECIFICATIONS	D23319	MILLWORKER	G.C.	BUILT IN M12, BOH ROOM
PL30	PREP FAUCET	OAKBROOK PACIFICA	TWO-HANDLE CHROME KITCHEN FAUCET SIDE SPRAYER INCLUDED	MILLWORKER	G.C.	BUILT IN M12, BOH ROOM
PL32A	HANDSHOWER KIT	KOHLER	K-22178 MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32B	MIXING CONTROL	KOHLER	K-TS14423-4 MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32C	TRANSFER VALVE TRIM	KOHLER	K-T14491-4BL MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32D	WALL MOUNT SUPPLE ELBOW	KOHLER	K-22172 MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32E	AWAKEN 10" RAINHEAD W/ 6" STEM	KOHLER	K-76465 MATTE BLACK	G.C.	G.C.	SHOWERS
PL40	CURBLESS SHOWER	SCHLUTER	KERDI WATERPROOFING SHOWER AND WALL SYSTEM	G.C.	G.C.	SHOWERS

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

FURNITURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	DETAILS	SUPPLIED BY	INSTALLED BY	LOCATION
	SOFA	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	CHAISE	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	SQUARE CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	ROUND CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	ARMLESS CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	SMALL FRAME CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	BENCH	SUNNYROAD, WILLIAM SONOMA INC. or UTTERMOST	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	OTTOMAN	SUNNYROAD, WILLIAM SONOMA INC. or UTTERMOST	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	CONSOLE	SUNNYROAD, WILLIAM SONOMA INC. or UTTERMOST	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	COFFEE TABLE	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	SIDE TABLE	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	OFFICE TASK CHAIR	HON	HON ALARIS TASK (ARMLESS)	OWNER	G.C.	OFFICE
	OFFICE DESK			OWNER	G.C.	OFFICE
	NAIL CHAIR			OWNER	G.C.	NAIL/FLEX ROOM
	PEDICURE CHAIR	LIVING EARTH CRAFTS	WILSHIRE LE L100171	OWNER	G.C.	NAIL/FLEX ROOM
	PEDICURE STOOL	LIVING EARTH CRAFTS		OWNER	G.C.	NAIL/FLEX ROOM

MILLWORK SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
M1	RECEPTION DESK	CUSTOM	WH-RD-3	KEAMARK	KEAMARK	RECEPTION
M1A	RECEPTION DESK BACK BAR	CUSTOM	CUSTOM	KEAMARK	KEAMARK	RECEPTION
M2	RETAIL FIXTURING	CUSTOM	WH-RT-WS, CR	KEAMARK	KEAMARK	RETAIL
M3	BRAND TOUCH POINT FIXTURE	CUSTOM	WH-BT	KEAMARK	KEAMARK	BRAND TOUCH POINT
M4	SALT ROOM BENCH	CUSTOM	CUSTOM	KEAMARK	KEAMARK	SALT ROOM
M5	NAIL ROOM CABINET	CUSTOM	WH-NR	KEAMARK	KEAMARK	NAIL ROOM
M6	ADA LOCKER ROOM BENCH	CUSTOM	WH-RR-BN	KEAMARK	KEAMARK	<varies>
M7A	LOCKER ROOM TOWEL DROP	CUSTOM	WH-RR-TD-35	KEAMARK	KEAMARK	LOCKER ROOMS
M7B	TUB ROOM TOWEL DROP	CUSTOM	CUSTOM	KEAMARK	KEAMARK	TUB ROOM
M9	WET BAR	CUSTOM	CUSTOM	KEAMARK	KEAMARK	HALLWAY
M10	BOH LAUNDRY CASEWORK	CUSTOM	WH-BOH-LD	KEAMARK	KEAMARK	BOH ROOM
M11	PREP BREAK ROOM DESK AND STORAGE	CUSTOM	WH-BOH-BK	KEAMARK	KEAMARK	PREP, BOH ROOM
M12	BOH PREP ROOM CASEWORK	CUSTOM	WH-BOH-PR	KEAMARK	KEAMARK	BOH ROOM
M13A	TREATMENT ROOM CABINET	CUSTOM	CUSTOM	KEAMARK	KEAMARK	TREATMENT ROOM
M13B	DUAL TREATMENT ROOM CABINET	CUSTOM	CUSTOM	KEAMARK	KEAMARK	DUAL TREATMENT ROOM
M14A	RESTROOM VANITY 2 PERSON	CUSTOM	WH-RR-V2	KEAMARK	KEAMARK	LOCKER ROOMS
M14B	RESTROOM VANITY 1 PERSON	CUSTOM	WH-RR-V1	KEAMARK	KEAMARK	LOCKER ROOMS
M14C	VANITY MIRROR	CUSTOM	CUSTOM	KEAMARK	KEAMARK	LOCATED IN M14A & M14B, LOCKER ROOMS
M15	VANITY & BUILT-IN TRASH CAN	CUSTOM	CUSTOM	KEAMARK	KEAMARK	WOMEN'S LOCKER ROOM
M23	EMPLOYEES LOCKERS	CUSTOM	WH-BOH-LK	KEAMARK	KEAMARK	BOH ROOM
M24	LOCKERS	CUSTOM	WH-LK	KEAMARK	KEAMARK	LOCKER ROOMS
M26	TREATMENT NAIL TABLE	CUSTOM	GL-71	KEAMARK	KEAMARK	NAIL ROOM
M27	TEA LIGHT	CUSTOM	WH-SH-42	KEAMARK	KEAMARK	TREATMENT, DUAL TREATMENT, AND DUET
M28	OFFICE WALL SHELF LARGE	CUSTOM	WH-OF-WL	KEAMARK	KEAMARK	OFFICE
M29	OFFICE COUNTERTOP	CUSTOM	WH-OF-CT	KEAMARK	KEAMARK	OFFICE
M30	OFFICE SHELVES	CUSTOM	CUSTOM	KEAMARK	KEAMARK	OFFICE
M31	TUB ROOM SHELVES	CUSTOM	CUSTOM	KEAMARK	KEAMARK	TUB ROOM
M32	TEALIGHT HOLDER	CUSTOM	CUSTOM	KEAMARK	KEAMARK	LOCKER ROOMS

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

LOCKER ROOM ACCESSORIES

TAG	DESCRIPTION	MANUFACTURER'S NAME	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
TA1	RECESSED TOILET TISSUE DISPENSER FOR STUD WALL OR COUNTERTOP APRONS	BOBRICK	B-667	G.C.	G.C.	FOR MOUNTING LOCATION SEE RETROOM ELEVATIONS
TA2	12" ADA GRAB BAR	KOHLER	K-11891-MATTE BLACK	G.C.	G.C.	AT ADA SHOWER
TA3	18" ADA GRAB BAR	KOHLER	K-11892-MATTE BLACK	G.C.	G.C.	AT ADA TOILET
TA4	24" ADA GRAB BAR	KOHLER	K-11893 MATTE BLACK	G.C.	G.C.	AT ADA SHOWER
TA5	36" ADA GRAB BAR	KOHLER	K-11895 MATTE BLACK	G.C.	G.C.	AT ADA TOILET
TA6	42" ADA GRAB BAR	KOHLER	K-10545 MATTE BLACK	G.C.	G.C.	AT ADA TOILET
TA7	48" ADA GRAB BAR	KOHLER	K-11897 MATTE BLACK	G.C.	G.C.	AT ADA SHOWER
TA9	SOAP DISPENSER	FREE STANDING BROOKSDALE ROUND RESIN MARBLE LOOK	SKU: W0048986B4	OWNER	OWNER	NOT PROVIDED OR INSTALLED BY GC
TA14	BOBRICK B-270 CONTURA SERIES SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK WASHROOM EQUIPMENT, INC.	B-270	G.C.	G.C.	WOMENS TOILETS, EMPLOYEES TOILET
TA18	UNDER COUNTER TRASH CAN	-	TO FIT WITHIN 16"W X 20"L MILLWORK CABINET	OWNER	G.C.	LOCATED IN M14A & M14B, LOCKER ROOMS
TA25	ROBE HOOK	LIBERTY (HOME DEPOT)	B295276-FB-C	G.C.	G.C.	LOCKER ROOMS
TA28	WALL HUNG MIRROR W/ METAL FRAME	CUSTOM	-			LOCKER ROOM, 36" x 96"
TA30	WOVEN, FREE-STANDING TOWEL/PAPER TOWEL BASKET	-	-	OWNER	G.C.	LOCATED IN M14A & M14B, LOCKER ROOMS
TA31	66" ADA GRAB BAR	CUSTOM	CUSTOM ADA GRAB BAR. 1.25" DIA. MATTE BLACK	G.C.	G.C.	SEE KOHLER GRAB BARS FOR DESIGN INTENT
TA32	33" DECK MOUNTED ADA GRAB BAR	CUSTOM	CUSTOM ADA GRAB BAR. 1.25" DIA. MATTE BLACK	G.C.	G.C.	SEE KOHLER GRAB BARS FOR DESIGN INTENT
TA33	FOLD DOWN ADA SHOWER BENCH	FREEDOM SHOWERS	APFSHAF1851557W-M	G.C.	G.C.	ADA SHOWER

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

HATCHED ITEMS ARE NOT USED

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

CLIENT

PROJECT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT

DXU ARCHITECTS
415 E 8th Ave • Chehaw • Oregon • 97007
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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

EQUIPMENT & FURNITURE SCHEDULES

A8-2

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006888 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2025 5:01 PM PLOTTED BY: KEVIN PARLEY

Finish Schedule

Legacy Mark	Mark	Location	Signature Moment				Lux				Grand Lux			
			Description	Manufacturer	Model	Comments	Description	Manufacturer	Model	Comments	Description	Manufacturer	Model	Comments
ACT-1	ACT-1	Customer Forward Spaces (Field Selection)	Acoustical Ceiling Tile	Armstrong	Dune: Angled Tegular	Color: White Texture: Medium Dimension: 24" x 24" x 5/8"	Acoustical Ceiling Tile	Armstrong	Georgian 1753 Beveled Tegular	Color: White Texture: Medium Dimension: 24" x 24" x 5/8"	Acoustical Ceiling Tile	Armstrong	Georgian 1753 Beveled Tegular	Color: White Texture: Medium Dimension: 24" x 24" x 5/8"
ACT-2	ACT-2	Back of House	Acoustical Ceiling Tile	Armstrong	Dune: Beveled Tegular	Color: Grey Stone Texture: Medium Dimension: 24" x 24" x 3/4"	Acoustical Ceiling Tile	Armstrong	Cirrus Beveled Tegular	Color: Grey Stone Texture: Medium Dimension: 24" x 24" x 3/4"	Acoustical Ceiling Tile	Armstrong	Cirrus Beveled Tegular	Color: Grey Stone Texture: Medium Dimension: 24" x 24" x 3/4"
ES-1	ES-1	Exterior Entry Finish	Wood-look fiber cementpanel	Nichiha	Product Name: VintageWood, Cedar Color: Cedar, EPC7629 Size: 17 7/8"H x 5/8" Thk. Pattern Options: Installed Horizontally.	Notes: Follow manufacturers instructions for installation.	Wood-look fiber cementpanel	Nichiha	Product Name: VintageWood, Cedar Color: Cedar, EPC7629 Size: 17 7/8"H x 5/8" Thk. Pattern Options: Installed Horizontally.	Notes: Follow manufacturers instructions for installation.	Wood-look fiber cementpaael	Nichiha	Product Name: VintageWood, Cedar Color: Cedar, EPC7629 Size: 17 7/8"H x 5/8" Thk. Pattern Options: Installed Horizontally.	Notes: Follow manufacturers instructions for installation.
FRP-1	FRP-1	Back of House	FRP	Maltite	FRP (Standard FRP) Color: 51006 WHITE Surface: Smooth Size: 4'x10' x 3/32" Thk.	Lead Time: In-stock	FRP	Maltite	FRP (Standard FRP) Color: 51006 WHITE Surface: Smooth Size: 4'x10' x 3/32" Thk.	Lead Time: In-stock	FRP	Maltite	FRP (Standard FRP) Color: 51006 WHITE Surface: Smooth Size: 4'x10' x 3/32" Thk.	Lead Time: In-stock
FW-1	FW-1	Reception/Feature Entry Wall									Vertical Foliage Panels	Garden On The Wall	Product: Tier 1, Foliage/Moss applied over Flat Moss canvas w/ 50% density Patterns: To be sketched/rendered by GOTW for approval per actual dimensions Safety Reference: Flame Spread Index (ASTM E84): Class 1 or A Size: custom, 3"-4" depth	Notes: Installation should be completed by trained Garden on the Wall technicians to ensure standards and to receive 5 year warranty. Backing wall prepped with 3/4" plywood.
GL-1	GL-1	Tub Room									Cirrlex Patterned Glass	Bendheim	Pattern: DRTK-1067 Size: 60" x 120" Lead time: 3-4 weeks, Notify Architect of extended lead times.	CIRRLITE DECORATIVE PATTERNED, Wool opaque at base, clear at top. Notes: Glass is annealed and laminated safety glass, but can be tempered and laminated in needed for the application. Glass panel to meet safety standards and codes.
MF-1	MF-1	Entry Arch & Gold Accents	Scuff Master Bronze Paint	Wolf Gordon	Color: Warm Metals, GOM 12789593 Base: Waterbased plyurethane acrylic Lead Time: In-stock	Notes: Refer and follow all manufacturer preparation, installation and finishing instructions.

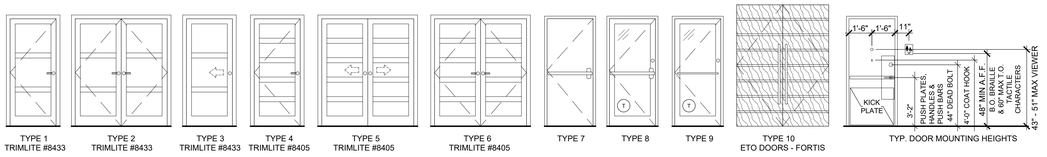
DOOR SCHEDULE

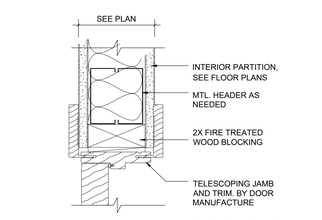
TAG	ROOM NAME	MANUFACTURER	DOOR						FRAME							
			TYPE	HEIGHT	WIDTH	THICKNESS	MATERIAL	FINISH	*ALT FINISH	MATERIAL	FINISH	HEAD	JAMB	SILL	HARDWARE	FIRE RATING	COMMENTS
100	ENTRY DOOR	ETO DOORS	10	95 1-3/4"	36" EACH	1-3/4"	FBRGLSS	WS-1	-	ALUM	MATCH STOREFRONT	-	-	-	A	-	STAIN TO MATCH NICHIHA PANELS
101A	EXIT DOOR	EXISTING	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-	-	
101B	STORAGE	TRIMLITE	4	84	28"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	
101C	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101D	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101E	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101F	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101G	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101H	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
102	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
103	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
104	DUET TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
105	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
106	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
107	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
108	VIP ROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
109	TREATMENT	TRIMLITE	3	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H3	J3	-	G	-	
110	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
111	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
112	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
113	TUB ROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
114	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
115	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
116	MEN'S LOCKER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
117	MEN'S SHOWER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
118	MEN'S RESTROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
119	SAUNA	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	
120	WOMEN'S LOCKER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	
121	WOMEN'S RESTROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
122	WOMEN'S RESTROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
123	WOMEN'S SHOWER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
124	QUIET ROOM	TRIMLITE	6	84" EACH	30" EACH	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	E	-	
125	FLEX/NAIL	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-1	H3	J3	-	G	-	KEYED LOCK, THUMB TURN ON PRIVACY SIDE
126	OFFICE	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-1	H3	J3	-	G	-	KEYED LOCK, THUMB TURN ON PRIVACY SIDE
127A	BACK OF HOUSE	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	D	3/4 HR	DOOR AND FRAME SHALL BEAR FIRE RATING BADGE FOR 3/4 HOUR MIN.
127B	EXIT DOOR	EXISTING	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-	-	
127C	WATER HEATER	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	C	-	
127D	JANITOR	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	C	-	
128	S	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	C	-	
129	IT	TRIMLITE	4	84	28"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	

*GC SHALL CONFIRM WITH FRANCHISE OWNER WHETHER DOORS SHALL HAVE SCHEDULED FINISH OR ALT FINISH.

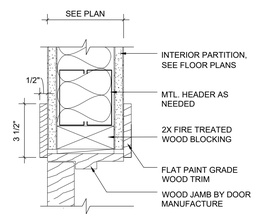
HARDWARE SCHEDULE

MARK	DESCRIPTION	SPECIFICATION
A	MAIN ENTRY DOOR (WOODHOUSE BRANDED)	SELECT GEARED CONTINUOUS HINGE SL18 HEAVY DUTY HD, BLACK MATTE FINISH
		CLOSER LCN 1460, PARALLEL ARM CLOSER W/ HOLD OPEN, PUSH SIDE TOP OF JAMB MOUNT, FINISH 613
		FULL SADDLE THRESHOLD - PEMKO 171-D, 5" WIDE, FIELD VERIFY LENGTH, FINISH BLACK MATTE ANODIZED
		FULL WEATHERSTRIPPING - PEMKO P50BL, KERF-IN WEATHERSTRIPPING
		DOOR SWEEP - PEMKO 2931 OODNB BRUSH GASKET W/ CONCEALED FASTENERS, BLACK MATTE FINISH, BLACK BRUSH
		ASTRAGAL SEAL - PEMKO 300DP RECESSED INTO DOOR, BLACK MATTE FINISH
		(1) PAIR PER LEAF - ASSA ABLOY ROCKWOOD FULL MK26 10 1.25" DIA. 48" C.C. 54"L, BLACK SUEDE POWDER COAT FINISH
		MOUNTED ON ARCHED PLATE 2262. 102, BLACK MATTE FINISH
		DOOR THICKNESS OF 1.825"-2.25" REQUIRES 6501.000.D CONVERSION KIT
		(1) VON DRPN SURFACE MOUNTED VERTICAL ROD EXIT DEVICE 9827NL-OP L TRIM, BLACK MATTE FINISH
		(1) VON DRPN SURFACE MOUNTED VERTICAL ROD EXIT DEVICE 9827 80 U TRIM, BLACK MATTE FINISH
		(1) MORTISE CYLINDER LOCK, BLACK MATTE FINISH
B	SINGLE SWING DOOR - PASSAGE	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) M1895 BL PASSAGE LOCK BY MORELLI, MATTE BLACK FINISH
C	SINGLE SWING DOOR - PRIVACY	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) M1895 BL PRIVACY LOCK BY MORELLI, MATTE BLACK FINISH
		(1) COVER PLATES BK6 XM BL-24, MATTE BLACK FINISH
D	SINGLE SWING DOOR - OFFICE	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) M1895 BL KEYED LOCK BY MORELLI, MATTE BLACK FINISH
		(1) COVER PLATES BK6 XM BL-24, MATTE BLACK FINISH
		(1) COVER PLATES CYLINDER SET USS BL-26, MATTE BLACK FINISH
E	SWING DOORS - PASSAGE (EACH LEAF)	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) BALL & CATCH SOLID BRASS - 8802 US19 FLAT BLACK
		(1) DUMMY PLATES, MATTE BLACK FINISH
		FLOOR MOUNT DOOR STOP, IVES #FS438 DOME STOP, MATTE BLACK FINISH. COORDINATE HEIGHT W/ UNDERCUT
F	SWING DOORS - DUMMY (EACH LEAF)	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) BALL & CATCH SOLID BRASS - 8802 US19 FLAT BLACK
		(1) DUMMY PLATES, MATTE BLACK FINISH
G	SINGLE POCKET DOOR - LOCK/PASSAGE	JOHNSON HARDWARE 2060S SERIES HEAVY DUTY SOFT-CLOSE & OPEN POCKER DOOR FRAME KIT
		(PASSAGE SIDE) AGB B0193000093 SCVOLA KIT - SQUARE AND FINGER PULLS D48, MATTE BLACK FINISH
		(PRIVACY SIDE) AGB B0193000232 SCVOLA 21 KIT - KNOB/BUTTON, FINGER PULL 40-48MM, MATTE BLACK FINISH
		AGB B0890250 34 LOCK SCVOLA T QB-KEY F/MED, MATTE BLACK FINISH
H	PAIR POCKET DOOR - LOCK/PASSAGE (EACH LEAF)	JOHNSON HARDWARE 2060S SERIES HEAVY DUTY SOFT-CLOSE & OPEN POCKER DOOR FRAME KIT
		(PASSAGE SIDE) AGB B0193000093 SCVOLA KIT - SQUARE AND FINGER PULLS D48, MATTE BLACK FINISH
		(PRIVACY SIDE) AGB B0193000232 SCVOLA 21 KIT - KNOB/BUTTON, FINGER PULL 40-48MM, MATTE BLACK FINISH
		AGB B0890250 34 LOCK SCVOLA T QB-KEY F/MED, MATTE BLACK FINISH
I	ENTRY DOOR (STOREFRONT)	IF EXISTING, REKEY LOCK AND REUSE EXISTING HARDWARE IF MATCHING BELOW
		CLOSER: NORTON 1601, SIZES 1-6 BHMA-ADA COMPLIANT
		BRUSH STYLE DOOR SWEEP BY NORTON
		PROVIDE 1" LETTERS CONTRASTING WITH BACKGROUND STATING "THIS DOOR TO REMAIN UNLOCKED WHILE SPACE IS OCCUPIED"
J	EXIT DOOR (REAR EGRESS)	IF EXISTING, REKEY LOCK AND REUSE EXISTING HARDWARE IF MATCHING BELOW
		CLOSER: NORTON 1601, SIZES 1-6 BHMA-ADA COMPLIANT
		BRUSH STYLE DOOR SWEEP BY NORTON
		ALARM - THE MONITOR, MODEL 4000 AKS WITH STROBE AND BEST LOCK CYLINDER
		PANIC HARDWARE, WITH LOCKING POINTS AT HEAD AND THRESHOLD COMPLIANT WITH NFPA 101 12.2.2.2.3
1	ADD ON TO ANY HARDWARE SET ABOVE	INCLUDE ADA COMPLIANT CLOSING HARDWARE: YALE 2700 SERIES DOOR CLOSER, BLACK SUEDE POWDER COAT FINISH

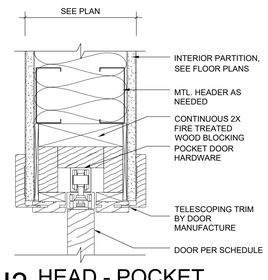




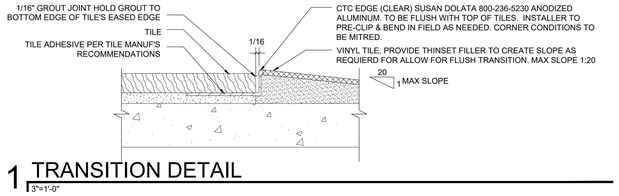
H1 HEAD - TELESCOPING
3"=1'-0"



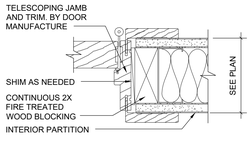
H2 HEAD - STANDARD
3"=1'-0"



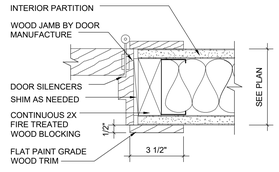
H3 HEAD - POCKET
3"=1'-0"



1 TRANSITION DETAIL
3"=1'-0"



J1 JAMB - TELESCOPING
3"=1'-0"



J2 JAMB - STANDARD
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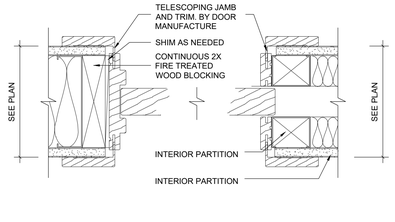

J3 JAMB - POCKET
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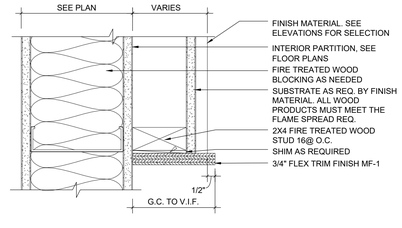
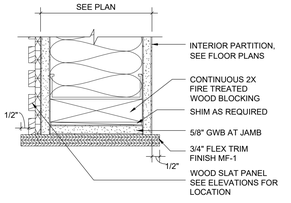


2 FEATURE WALL JAMB
3"=1'-0"



3 ARCHED OPENING JAMB
3"=1'-0"

PLOT DATE: 3/4/2025 5:55 PM
PLOTTED BY: KEVIN PASLEY

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CLIENT

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CONSULTANTS

CLIENT REVIEW

No.	Issue	Drawn By: KP / JZ	Project Number: 25-005	Approved By: JD	Date

SHEET TITLE & NUMBER

DOOR SCHEDULES AND DETAILS

A8-4

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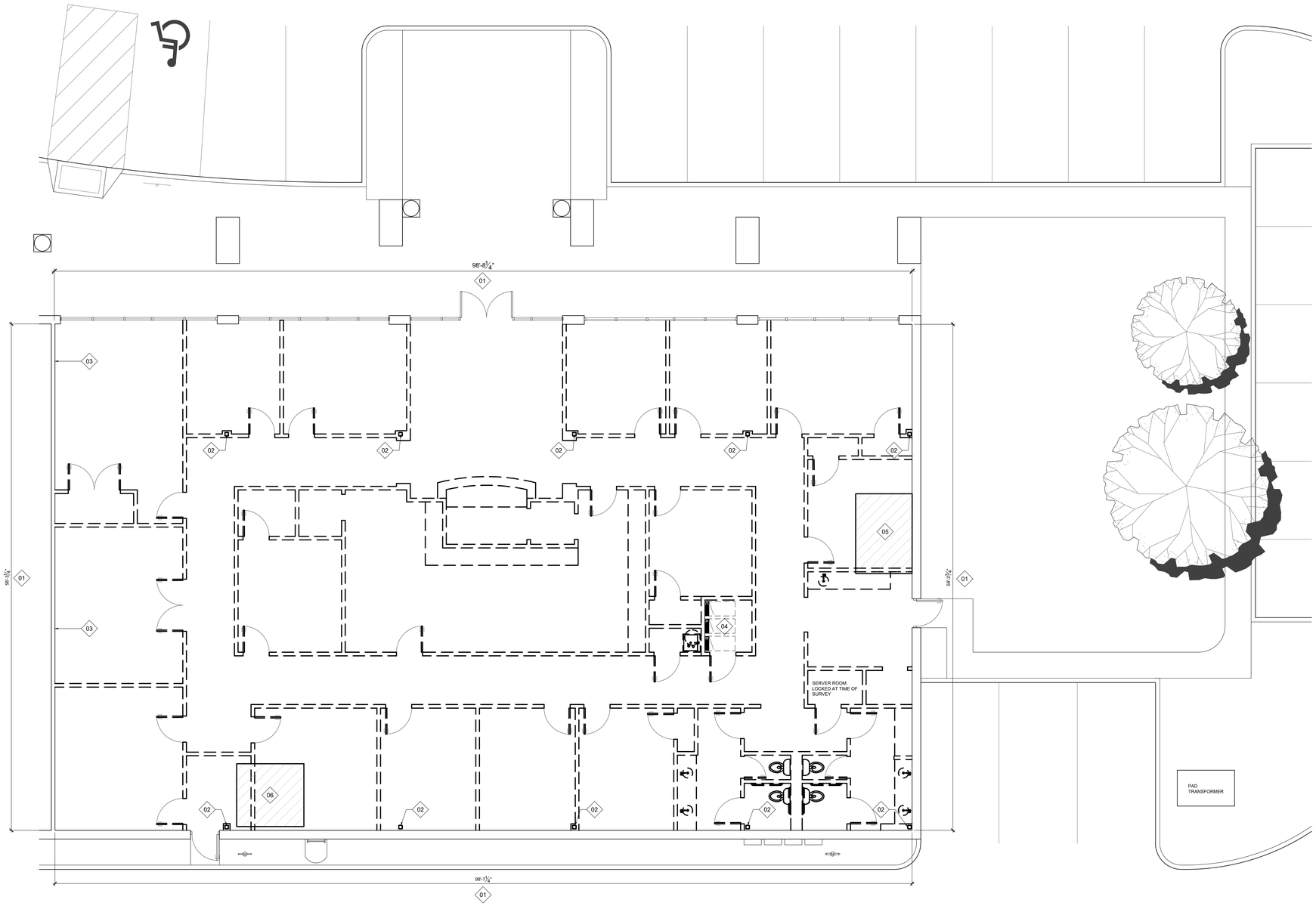

1 DEMOLITION PLAN
3/16"=1'-0"

DEMOLITION KEYNOTES

01 VERIFY ACTUAL DIMENSION MATCHES INDICATED CRITICAL DIMENSION AFTER DEMOLITION AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.

02 EXISTING COLUMNS TO REMAIN & BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. VERIFY LOCATIONS OF ALL COLUMNS ON PLANS AT THE END OF DEMOLITION AND COORDINATE ANY CONFLICTS W/ ARCHITECT

03 G.C. TO VERIFY EXISTING DEMISING WALL IS CONSTRUCTED IN ACCORDANCE W/ UL-419 1-HOUR FIRE RATING.

04 ELECTRICAL CONTRACTOR TO INSPECT EXISTING PANELS FOR DAMAGE & CORROSION AND REPAIR/ REPLACE AS REQUIRED.

05 SAW CUT EXISTING SLAB AND REMOVE EXISTING PORTION OF SLAB. IF REQUIRED EXCAVATE SUBGRADE AS REQUIRED FOR SURFACE OF NEW THICKENED SLAB TO BE RECESSED FROM EXISTING. SEE LAUNDRY THICKENED SLAB DETAILS/SPEC MORE INFORMATION. SEE PLANS FOR LOCATION AND SIZE OF AREA TO BE REMOVED.

06 SAW CUT EXISTING SLAB AND REMOVE EXISTING PORTION OF SLAB. IF REQUIRED EXCAVATE SUBGRADE AS REQUIRED FOR SURFACE OF NEW THICKENED SLAB TO BE RECESSED FROM EXISTING. SEE SAUNA CUT SHEETS FOR DEPTH OF NEW RECESSED CONCRETE SLAB. SEE PLANS FOR LOCATION AND SIZE OF AREA TO BE REMOVED.

DEMOLITION NOTES

1. DEMOLISH EXISTING CONSTRUCTION AS INDICATED ON THE DRAWINGS AND REQUIRED BY JOB CONDITIONS. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS THAT WOULD PREVENT REMOVAL OF ANY ELEMENTS INDICATED.
2. PROTECT EXISTING CONSTRUCTION AND EQUIPMENT DESIGNATED TO REMAIN.
3. CONTRACTOR SHALL ENDEAVOR TO IDENTIFY ANY HAZARDOUS MATERIALS WITHIN THE SPACE, INCLUDING BUT NOT LIMITED TO ASBESTOS BEARING MATERIALS, AND WHERE REQUIRED BY LAW, PROVIDE REQUIRED TESTING. WHERE HAZARDOUS MATERIALS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARRANGE FOR PROPER REMEDIATION.
4. UNLESS INDICATED OTHERWISE BY OWNER OR THESE DRAWINGS, ALL REMOVED MATERIAL AND ALL DEBRIS BECOMES THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE DEMOLISHED ITEMS FROM THE SITE AND DISPOSE OF THEM IN A LEGAL MANNER.
5. THE CONTRACTOR SHALL ADHERE TO ANSI A10.6 SAFETY REQUIREMENTS FOR DEMOLITION PUBLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE.
6. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE ADEQUACY AND INSTALLATION OF ALL TEMPORARY SHORING SYSTEMS USED DURING THE REMOVAL OF ANY STRUCTURAL ELEMENTS, EXCEPT AS OTHERWISE AGREED BY THE BUILDING DEPT. AND THE ARCHITECT.
7. IF THE SAFETY OF EXISTING CONSTRUCTION APPEARS TO BE ENDANGERED AT ANY TIME, CEASE DEMOLITION AND IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT. CONTRACTOR SHALL DEVISE A PLAN TO MAKE SAFE THE JOB SITE, TAKING PRECAUTIONS TO PROTECT LIFE SAFETY FIRST AND FOREMOST. WORK SHALL NOT RESUME UNTIL DANGEROUS CONDITIONS HAVE BEEN CORRECTED TO THE ARCHITECT'S SATISFACTION.
8. THE DRAWINGS DO NOT NECESSARILY INDICATE THE FULL EXTENT OF THE WORK REQUIRED TO BE PERFORMED TO COMPLETE THE EXISTING CONSTRUCTION. IT IS THE CONTRACTOR'S TO DETERMINE THE FULL EXTENT OF WORK TO BE PERFORMED AND THE PROBLEMS INVOLVED. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF FAILURE TO ESTIMATE THE FULL EXTENT OF THE WORK OR FOR ANY CONTINGENCIES IN CONNECTION THEREWITH.
9. ALL WORK SHALL BE PERFORMED BY SKILLED AND PROPERLY EQUIPPED PERSONNEL AND LICENSED WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
10. DEMOLITION AND REMOVAL OF ITEMS WHEN A SCAFFOLD, LADDER, OR OTHER VERTICAL ACCESS IS REQUIRED SHALL BE LOWERED BY CONTROLLED METHODS, NOT BY THROWING OR DROPPING.
11. PERFORM ANY CUTTING AND STRIPPING SO THAT THE WORK TO REMAIN IS UNDAMAGED AND IN SUCH MANNER THAT NEW WORK CAN BE PROPERLY CONNECTED WITH EXISTING WORK TO REMAIN.
12. DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT NECESSARY FOR THE PROPER INSTALLATION OF NEW CONSTRUCTION AND JUNCTION WITH EXISTING. WORK. CUT BACK FINISHED SURFACES TO STRAIGHT, PLUMB AND LEVEL AS REQUIRED.
13. SAWING SHALL BE PERFORMED BY EXPERIENCED CRAFTSMEN CUSTOMARILY ENGAGED IN AND PROPERLY EQUIPPED FOR THE PERFORMANCE OF THE TYPE OF WORK REQUIRED BY JOB CONDITIONS. PROVIDE DUST CONTROL EQUIPMENT FOR CONTROL OF WASTE COOLING LIQUID AND DUST PROTECTION AS REQUIRED.
14. WHEN REQUIRED FOR NEW WORK, INCIDENTAL REMOVAL OF EXISTING ELEMENTS MAY BE REQUIRED FOR THE INSTALLATION OF PIPING, CONDUIT, TUBING, DUCTWORK, OR OTHER CONVEYANCE ELEMENTS AS REQUIRED BY MECHANICAL, PLUMBING, AND ELECTRICAL SCOPE. THE DRAWINGS MAY NOT INDICATE ANY SUCH INCIDENTAL DEMOLITION. HOWEVER IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PERFORM SUCH.
15. DRILLING AND INSTALLING SLEEVES FOR PASSAGE OF PIPING, CONDUIT, AND TUBING SHALL BE PERFORMED BY THE TRADE INSTALLING THE PIPING, CONDUIT, OR TUBING.
16. REPAIR, RESTORE, REPLACE, OR MAKE GOOD ANY DAMAGE TO EXISTING CONSTRUCTION WHICH OCCURS AS A RESULT OF DEMOLITION OPERATIONS AT NO ADDITIONAL COST TO THE OWNER. THIS INCLUDES BUT IS NOT LIMITED TO ROOF PATCHING, REQUIRED DUE TO DEMOLITION AND SHALL BE COORDINATED WITH THE LANDLORD AND LANDLORD'S ROOFER.
17. DO NOT ALLOW MATERIALS AND DEBRIS GENERATED BY DEMOLITION ACTIVITIES TO ACCUMULATE. REMOVE DAILY AND DISPOSE OF IN A LEGAL MATTER. NO ON-SITE SALE, BURNING, OR BURYING OF DEMOLISHED MATERIALS WILL BE PERMITTED. DEBRIS SHALL NOT BE STORED OR STAGED NEAR ANY BACKFILL MATERIAL TO PREVENT CONTAMINATION OF BACKFILL WITH UNSUITABLE FILL.
18. LEAVE ALL SPACES BROOM CLEAN WITH ALL LEDGES AND CORNERS PROPERLY CLEANED AT THE END OF EACH WORK DAY.
19. PROVIDE PROTECTION TO PREVENT GLASS BREAKAGE AS MAY BE REQUIRED. REPLACE IN KIND ANY GLASS BROKEN BY CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST.
20. PROVIDE HOISTS AND CHUTES AS REQUIRED TO CONVEY REMOVED MATERIAL THROWING, DROPPING, OR PERMITTING THE FREE FALL OF MATERIAL AND DEBRIS FROM HEIGHTS WHICH WOULD CAUSE DAMAGE TO WORK, CAUSE EXCESSIVE NOISE OR NUISANCE, CREATE UNSAFE CONDITIONS, OR CAUSE EXCESSIVE DUST IS EXPRESSLY PROHIBITED.
21. WHERE REQUIRED, ERECT SIGNS, BARRICADES, AND SUCH OTHER FORMS OF WARNING TO PREVENT PERSONNEL FROM BEING PUT AT RISK OF INJURY.
22. DOORS AND HARDWARE: REMOVE CAREFULLY TO AVOID DAMAGE. WHERE AS POSSIBLE, LEAVE HARDWARE ATTACHED TO THE DOOR. WHERE THIS IS NOT PRACTICAL, PLACE ITEMS OF HARDWARE IN A CLOTH BAG ATTACHED TO THE DOOR.
23. PARTITIONS: REMOVE PARTITION FINISH, STUDS, PLATES, AND SILLS, WHERE ONLY A PARTIAL RUN IS REMOVED, CUT BACK FINISH MATERIAL TO THE CENTERLINE OF THE NEXT ADJACENT SUPPORT MEMBER. PREPARE REMAINING MATERIAL WITH A CLEAN TERMINAL LINE WITH NO LOOSE MATERIAL ADHERING.
24. MECHANICAL, ELECTRICAL, PLUMBING: CAREFULLY REVIEW PLANS AND DETERMINE LINES TO BE REMOVED, CAPPED, OR TERMINATED TO, OR TO BE REACTIVATED. PROTECT LINES TO REMAIN. PROVIDE FOR MINIMUM SERVICE INTERRUPTION OF LINES TO REMAIN.
25. REMOVE FIXTURES AND EQUIPMENT AS INDICATED. WHERE INDICATED FOR REUSE, CLEAN, STORE AS DIRECTED, PROTECT, AND CLEARLY LABEL FOR REUSE.
26. REMOVE EXISTING FLOOR FINISHES AND PREPARE SUBSTRATE FOR NEW FINISH. WHERE NOT INDICATED, WORK SHALL BE DEEMED ACCEPTABLE PROVIDED THAT THE SUBSTRATE WILL ACCEPT THE NEW FINISH WITH NO NOTICEABLE ALTERATION HAVING BEEN MADE. PROVIDE LEVELING AGENT OR GAP FILL IF REQUIRED.
27. WHERE CONCRETE TOPPING OR OTHER LEVELING AGENTS ARE REQUIRED FOR A PROPER INSTALLATION OF A FINISH, THE SUBSTRATE SHALL BE CLEANED AND PREPARED AS TO ALLOW PROPER ADHESION OF THE LEVELING AGENT.
28. CONTRACTOR SHALL PROTECT LOW VOLTAGE WIRING TO REMAIN AND CLEARLY LABEL WIRING CONNECTIONS AT EACH END TO ALLOW FOR REUSE IN NEW LAYOUT SUCH THAT OTHERS MAY QUICKLY IDENTIFY WIRING RUNS FOR RECONNECTION.
29. NOTIFY ARCHITECT IMMEDIATELY IF ANY COLUMNS, OTHER STRUCTURAL ELEMENTS, OR UTILITY RISERS ARE DISCOVERED THAT WILL INTERFERE WITH THE CONSTRUCTION PLAN AND ARE NOT ALREADY IDENTIFIED ON PLANS.
30. COORDINATE DUMPSTERS WITH LL REPRESENTATIV. ANY PHYSICAL DAMAGE TO MODERA COMMON AREA IS TENANT'S RESPONSIBILITY TO REPAIR AND/OR REPLACE AT TENANT'S EXPENSE. CONFIRM WORK HOURS WITH RULES & REGULATIONS.

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
- NEW 2 HOUR FIRE-RATED WALL
- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL
- EXISTING WALL TO BE DEMOLISHED

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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

DEMO PLAN

D1-1

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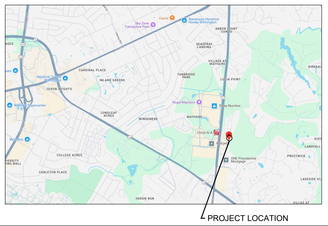
PLOT DATE: 3/4/2025 6:38 PM PLOTTED BY: KEVIN PAILEY

PROXIMITY MAP



SCALE = NTS

OCCUPANCY CALCULATION

OCCUPANCY LOAD CALCULATION

AREA DESCRIPTION:	AREA	AREA PER OCCUPANT	TOTAL OCCUPANTS
TREATMENT AREAS	2,326	150 GROSS	16
STORAGE AREAS	620	300 GROSS	3
LOCKER ROOM	659	50 GROSS	14
MERCANTILE AREA	364	60 GROSS	7
OFFICE	145	150 GROSS	1
TOTAL			41

SEE SHEET LS1-1 FOR EGRESS PLANS

BUILDING CODES

* BUILDING	2018 NORTH CAROLINA BUILDING CODE
* MECHANICAL	2018 NORTH CAROLINA MECHANICAL CODE
* ELECTRICAL	2023 NORTH CAROLINA ELECTRICAL CODE
* PLUMBING	2018 NORTH CAROLINA PLUMBING CODE
* ENERGY	2018 NORTH CAROLINA ENERGY CONSERVATION CODE
* FUEL GAS	2018 NORTH CAROLINA FUEL & GAS CODE
* FIRE CODE	2018 NORTH CAROLINA FIRE PREVENTION CODE
* GREEN BUILDING	2018 NORTH CAROLINA ENERGY CONSERVATION CODE
* LIFE SAFETY	2018 NORTH CAROLINA FIRE PREVENTION CODE
* ACCESSIBILITY CODE	2009 NORTH CAROLINA ACCESSIBILITY CODE

AS AMENDED WITH ALL CITY AMENDMENTS & CODES

ADA COMPLIANCE NOTES

ADA COMPLIANT SERVICE AREA:	REQUIREMENT CALCULATION	PROVIDED
LAVATORY	ADA ACCESSIBLE WITH SCALD PROTECTION	YES
DRINKING FOUNTAIN	ADA ACCESSIBLE (HI/ LO)	YES
LOCKERS	5% OF 30 = 2	2
CHECK IN DESK	36" LINEAR AT 34" HEIGHT MAX	YES
SHOWER	ROLL-IN ACCESSIBLE	YES
BATHTUB	ADA ACCESSIBLE	YES

ACCESSIBILITY NOTES: PROJECT MUST FULLY COMPLY & MEET ALL ACCESSIBILITY REQUIREMENTS OF THE AMERICAN DISABILITIES ACT, THE LOCAL CODE ACCESSIBILITY CODE & THE 2018 INTERNATIONAL BUILDING CODE (MOST RESTRICTIVE REQUIREMENTS GOVERN).

PLUMBING REQUIREMENTS

MIN. NO. OF PLUMBING FIXTURES	REQUIREMENT CALCULATION MALE	REQUIREMENT CALCULATION FEMALE	PROVIDED MALE	PROVIDED FEMALE
OCCUPANCY LOAD (PER CPC CH. 4, TABLE 4-1)	20	21		
WATER CLOSETS:	1 TO 25 = 1	1 TO 40 =1	2	2
URINALS:	NOT REQUIRED		1	
LAVATORIES:	1 TO 40 = 1	1 TO 40 = 1	1	2
DRINKING FOUNTAINS:	1 TO 100 = 1		1 HI/LO	
SERVICE SINK:	1		1	

PROJECT DESCRIPTION

WELLNESS SPA - TENANT IMPROVEMENT OF AN EXISTING TENANT SPACE. WORK TO INCLUDE NON-BEARING INTERIOR PARTITIONS, ACCESSIBLE RESTROOMS, MILLWORK, PLUMBING, MECHANICAL, AND ELECTRICAL DISTRBUTION. NEW FINISHES THROUGHOUT.

CODE MATRIX

ZONING CLASSIFICATION:	COMMUNITY BUSINESS DISTRICT (CB)			
PERMITTED USES:	SPA & HEALTH SERVICES; RETAIL SALES			
SEISMIC ZONE:	ZONE 1			
OCCUPANCY CLASSIFICATION	B			
BUILDING HEIGHT:	ALLOWABLE: 40'-0"		PROPOSED: NO CHANGE	
BUILDING HEIGHT INCREASES:	NO CHANGE			
BUILDING AREA:	ALLOWABLE: 6,011		PROPOSED: NO CHANGE	
BUILDING AREA INCREASES:	NO CHANGE			
TENANT AREA (AREA OF WORK)	6,011 SF			
CONSTRUCTION TYPE	II-B			
SEPARATED USES:	NONE			

BUILDING FIRE RESISTANCE RATING REQUIREMENTS

TABLE 601	REQUIRED (HR)	PROVIDED (HR)	NOTES:
STRUCTURAL FRAME	0	0 (EXIST)	
BEARING WALLS, EXTERIOR	2	2 (EXIST)	
BEARING WALLS, INTERIOR	0	0 (EXIST)	
NON-BEARING WALLS, EXTERIOR	0	0 (EXIST)	
NON-BEARING WALLS, INTERIOR	0	0 (EXIST)	
FLOOR CONSTRUCTION	0	0 (EXIST)	
ROOF CONSTRUCTION	0	0 (EXIST)	

INTERIOR FINISHES: ALL INTERIOR FINISHES/MATERIALS SHALL COMPLY WITH TABLE 803.13 FOR FLAME SPREAD RATING AND SMOKE-DEVELOPED INDEX

ADDITIONAL NOTES: INTERIOR FINISHES OF EXIT ENCLOSURES AND CORRIDORS WITHIN THE TENANT BUILD-OUT SHALL BE OF CLASS B MATERIALS AND FINISHES WITHIN ROOMS SHALL BE PERMITTED TO BE OF CLASS C MATERIALS

OCCUPANCY DIAGRAM

1 EXISTING PLAN 1/4"=1'-0"

LEGEND

- TREATMENT ROOMS, 150 GROSS (BUSINESS)
- LOBBY & SHOP, 60 GROSS (MERCANTILE)
- LOCKER ROOMS, 50 GROSS (LOCKER ROOMS)
- OFFICE ROOMS, 150 GROSS (BUSINESS)
- STORAGE AREAS, 300 GROSS (ACCESSORY)

CONTRACTOR TO PROVIDE A DURABLE OCCUPANT LOAD SIGN POSTED IN A PROMINENT LOCATION NEAR THE MAIN EXIT, AS REQUIRED PER NFPA 101. VERIFY LOCATION WITH FIRE CODE INSPECTOR

1 EXISTING PLAN 1/4"=1'-0"

SCALE = NTS

GENERAL REQUIREMENTS

LANDLORD'S INSTRUCTIONS

PURPOSE:

THE FOLLOWING IS A LIST OF SOME OF THE LANDLORD'S INSTRUCTIONS TO GENERAL CONTRACTORS AND HIS/HER SUBCONTRACTORS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN LANDLORD'S COMPLETE REQUIREMENTS AND MAKE SURE THAT THE LANDLORD'S POLICIES ARE MET.

ROOF PENETRATIONS:

INSTRUCT ALL SUB-CONTRACTORS THAT ANYTHING THAT NEEDS TO BE ATTACHED ABOVE THE CEILING SHOULD BE ATTACHED TO THE ROOF STRUCTURE, NOT THE DECKING. ALL ROOF PENETRATIONS SHALL BE DONE BY LANDLORDS ROOFING CONTRACTOR TO MAINTAIN WARRANTY.

STRUCTURAL ELEMENTS:

DO NOT MAKE ANY CUTS TO ANY OF THE BUILDING ELEMENTS WITHOUT VERIFYING WHETHER OR NOT IT IS A STRUCTURAL ELEMENT. THIS INCLUDES ROOF BEAMS, ROOF DECK, MASONRY WALLS AND THE CONCRETE SLAB.

IF YOU HAVE ANY QUESTIONS REGARDING THE ABOVE INFORMATION, PLEASE CONTACT THE LANDLORD. LANDLORD CONTACT INFORMATION IS FOUND ON THE COVER SHEET.

A/C STARTUP:

CONTACT THE LANDLORD FOR ANY REQUIREMENTS ON THE START-UP OF LANDLORD PROVIDED HVAC UNITS.

FIRE SYSTEM MONITORING: (IF REQUIRED)

VERIFY IF THE LANDLORD IS MONITORING THE FLOW AND TAMPER SWITCHES FOR THE SHELL BUILDING. IF THE SYSTEM IS OPERATIONAL, YOU MUST CONTACT THE LANDLORD PRIOR TO TAKING DOWN THE SYSTEM.

ANY FINES CHARGED BY THE FIRE DEPARTMENT FOR FALSE ALARMS WILL BE CHARGED BACK TO THE TENANT'S GENERAL CONTRACTOR.

ARCHITECT'S INSTRUCTIONS

SUBMITTALS:

IF ALTERNATE EQUIPMENT IS PROPOSED DUE TO LEAD TIME, THE ARCHITECT OR ENGINEER MAY REQUEST PAYMENT FROM G.C. FOR REVIEW OF THE SUBMITTAL. GENERAL CONTRACTOR MUST VERIFY LONG LEAD ITEMS AT START OF PROJECT TO AVOID DELAYS & ALTERNATES.

AS BUILTS:

THE GENERAL CONTRACTOR SHALL RED LINE ALL FIELD CHANGES ON A SET OF PRINTS TO REMAIN ON SITE THROUGHOUT THE CONSTRUCTION OF THE PROJECT. IT IS THE GC'S RESPONSIBILITY TO RECORD ALL FIELD CHANGES AND SUBMIT THE 'AS BUILTS' TO THE CLIENT AT TURNOVER, AND TO THE AOR AND MUNICIPALITY IF/AS REQUIRED.

G.C. COMPLIANCE

OWNER'S GENERAL CONTRACTOR SHALL VISIT THE PREMISES AND VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND SHALL REPORT ALL DISCREPANCIES TO TENANT'S ARCHITECT. TENANT'S GENERAL CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS REGARDING CONSTRUCTION PROCEDURES, INSURANCE, ETC., AS SET FORTH BY THE LANDLORD. GC TO VERIFY THE EXACT LOCATION OF ALL EXISTING LANDLORD FEATURES I.E. METAL BRACE FRAME, STOREFRONT OPENINGS, CORRIDOR ACCESS DOOR, DEMISING WALLS, UTILITY P.O.C., ETC.

FIRE SPRINKLERS

1. IF AN AUTOMATIC FIRE SPRINKLER SYSTEM EXISTS WITHIN THE SPACE. THE GENERAL CONTRACTOR SHALL EMPLOY THE SERVICES OF THE LANDLORD'S, OR ANOTHER LICENSED FIRE SPRINKLER CONTRACTOR TO DESIGN AND INSTALL THE NEW SYSTEM TO CONFORM WITH THE NEW ROOM AND CEILING HEIGHTS AS SHOWN IN THESE DRAWINGS. THE SPRINKLER CONTRACTOR SHALL DESIGN AND PREPARE SHOP DRAWINGS FOR THE PROPOSED SYSTEM MODIFICATIONS & SUBMIT THESE DRAWINGS TO THE BLDG./FIRE DEPT. & THE ARCHITECT TO GAIN APPROVALS PRIOR TO COMMENCING ANY WORK. PUBLIC AREA HEADS TO BE CONCEALED TYPE W/ BLACK COVERS AT DARK CEILINGS, WHITE AT LIGHT CEILINGS & CHROME IN TOILETS. HEADS IN NON-PUBLIC AREAS ARE TO BE SEMI-RECESSED. INSTALLATION IS TO INCLUDE ALL SITE WORK.
2. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE-EXTINGUISHING SYSTEMS, INCLUDING AUTOMATIC SPRINKLERS AND WET AND DRY STANDPIPES; HALON SYSTEMS AND OTHER SPECIAL TYPES OF AUTOMATIC FIRE-EXTINGUISHING SYSTEMS; BASEMENT PIPE INLETS; AND OTHER FIRE PROTECTION SYSTEMS AND APPURTENANCES THERETO SHALL BE SUBMITTED TO FIRE AND LIFE SAFETY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
3. FIRE EXTINGUISHING SYSTEM SHALL BE IN ACCORDANCE WITH CURRENT APPLICABLE CODE.

FIRE ALARM (WHERE REQUIRED)

1. EXISTING FIRE PANEL TO REMAIN IF PRESENT. FIRE CONTRACTOR TO TIE INTO BUILDING SYSTEM OR PROVIDE NEW SYSTEM AS REQ'D BY LOCAL JURISDICTION. F.C. TO PROVIDE DRAWINGS AND SPECIFICATIONS FOR LOCAL JURISDICTION APPROVAL.
2. THE GENERAL CONTRACTOR SHALL EMPLOY THE SERVICES OF THE LANDLORD'S, OR ANOTHER LICENSED FIRE ALARM CONTRACTOR TO DESIGN AND INSTALL NEW SYSTEM W/ ALL REQUIRED DEVICES.

EXTERIOR SIGNAGE

OWNER'S SIGNAGE CONTRACTOR SHALL PREPARE SIGNAGE SHOP DRAWINGS AND SUBMIT TO BUILDING DEPT. & LANDLORD FOR APPROVAL. ALL SIGNAGE IS UNDER SEPARATE PERMIT.

SPRINKLER NOTES

1. EXISTING SPRINKLER SYSTEM TO REMAIN.
2. SPRINKLER CONTRACTOR TO ADJUST AND/OR ADD HEADS AS REQ'D FOR NEW LAYOUT.
3. S.C. TO PROVIDE DRAWINGS AND CALCS FOR LOCAL JURISDICTION APPROVAL.

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

CLIENT

WOODHOUSE SPAS - WILMINGTON, NC

PROJECT

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

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CLIENT REVIEW

No.	Issue	Approved By: JD	Date

Project Number: 25-005
Drawn By: KP / JZ

SHEET TITLE & NUMBER

PROJECT INFO & CODE ANALYSIS

G1-01

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PLOTTED BY: KEVIN PAISLEY
PLOT DATE: 3/4/2022 2:52 PM

GENERAL NOTES

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY TYPE OF SOILS. IF CORROSIVE SOILS ARE ENCOUNTERED, TAKE NECESSARY PRECAUTIONS FOR ALL UNDER GROUND WORK.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON DRAWINGS FOR CONFLICTS PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. DO NOT SCALE DRAWINGS.
3. BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS & SITE.
4. NO STRUCTURE OF ANY KIND TO BE CONSTRUCTED ON, OVER OR PLACED WITHIN THE PUBLIC UTILITY EASEMENTS EXCEPT WOOD, WIRE OR REMOVABLE SECTION TYPE FENCING AND/OR PAVING.
5. CONTRACTOR TO COORDINATE STAGING AREAS AS REQUIRED WITH LANDLORD & OWNER.
6. ANY DAMAGE BY G.C. OR SUBCONTRACTOR TO EXISTING ASPHALT PAVEMENT AND/OR EXISTING LANDSCAPING OUTSIDE OF CONSTRUCTION LIMIT LINE SHALL BE REPAIRED AT NO COST TO OWNER.
7. SIDEWALK ELEVATIONS TO BE COORDINATED WITH SITE AS-BUILT CONDITIONS. ARCHITECT TO BE NOTIFIED OF ANY DISCREPANCIES.
8. G.C. TO COORDINATE LOCATION & PLACEMENT OF GREASE REMOVAL SYSTEM WITH PLUMBING CONTRACTOR. FIELD VERIFY ANY (E) SITE CONDITIONS THAT MAY IMPEDE INSTALLATION AND/OR OPERATION OF SUCH.
9. APPROVED NUMBERS OR ADDRESSES SHALL BE MAINTAINED & AS CURRENTLY PLACED ON BUILDING.
10. NO MATERIALS SHALL BE STORED ON PUBLIC PROPERTY UNLESS AN ENCROACHMENT PERMIT IS FIRST OBTAINED FROM THE PUBLIC WORKS DEPARTMENT.
11. ALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD AT FRAMED WALLS & SOFFITS, TYPICAL UNLESS OTHERWISE NOTED. AT MILLWORK LOW WALLS, DIMENSIONS ARE TO FACE OF FINISHED WALL, TYPICAL.
12. CONTRACTOR SHALL PROVIDE CONSTRUCTION FENCE FOR PEDESTRIAN PROTECTION ACCORDING TO LOCAL REGULATIONS & BUILDING CODE.
13. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE SECURITY & SAFETY OF THE SITE WHILE THE JOB IS IN PROGRESS & UNTIL THE JOB IS COMPLETE.
15. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS & WORKERS AT ALL TIMES
16. ALL DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY & WORK AREAS SHALL BE LEFT IN A CLEAN (BROOM) CONDITION AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS TO THE OWNER.
18. CONTRACTOR SHALL COMPLY WITH ALL STATE & LOCAL RULES & REGULATIONS CONCERNING LICENSING WHICH THE APPLICABLE GOVERNING AUTHORITY MAY HAVE ADOPTED.
19. ALL WEATHER-EXPOSED SURFACES SHALL HAVE A WEATHER-RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING. EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.
20. GENERAL CONTRACTOR SHALL PLACE ORDERS FOR ALL FINISHES, ALL MATERIALS, EQUIPMENT, ETC., AT THE START OF THE PROJECT. SUBSTITUTIONS ARE NOT ACCEPTED FOR ANY ITEMS, UNLESS NOTED OTHERWISE. OWNER & ARCHITECT MUST BE INFORMED OF LEAD TIME PROBLEMS WITHIN THE FIRST TWO WEEKS OF THE PROJECT.
21. PROVIDE VENTILATION FOR KITCHEN & FOOD PREPARATION AREAS PER MECHANICAL DRAWINGS.
22. SIGNS ARE REQUIRED FOR ALL MP&E ROOMS & SPRINKLER CONTROL VALVE ROOMS.
23. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE DEPARTMENT IN COMPLIANCE WITH THE LOCAL LABOR CODE.
24. AFTER OBTAINING BUILDING PERMIT AND BEFORE COMMENCING WITH THE WORK, THE GENERAL CONTRACTOR SHALL SHOW EVIDENCE OF ALL THE INSURANCE REQUIREMENTS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND OBTAIN ALL PERMITS AND LICENSES AND PAY REQUIRED FEES.
26. CONTRACTOR SHALL BE FAMILIAR WITH ALL LANDLORD REQUIREMENTS AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH SAME. CONTRACTOR SHALL INVESTIGATE LOCAL CODES AND PROCEDURES AND SHALL COMPLY WITH ALL REQUIREMENTS.
27. A COPY OF LANDLORD'S FINAL APPROVED PLANS MUST BE ON SITE DURING CONSTRUCTION.
28. REMOVE ALL ABANDONED IMPROVEMENTS, INCLUDING ELECTRICAL AND MECHANICAL, IF ANY.
29. INSPECT SITE. VERIFY FIELD DIMENSIONS BEFORE COMMENCING CONSTRUCTION. NOTIFY TENANT AND LANDLORD IMMEDIATELY IF THERE ARE ANY SIGNIFICANT DISCREPANCIES.
30. WHERE FACTORY FINISHED OR FACTORY PRIMED ITEMS OCCUR, SUCH AS GRILLES, DIFFUSERS, METAL TRIM AND ACCESSORIES, ETC. THEY SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE AND AS DIRECTED BY THE OWNER.
31. CONTRACTOR SHALL, IN THE WORK OF ALL TRADES, PERFORM ANY AND ALL CUTTING, PATCHING, REPAIRING, RESTORING AND THE LIKE NECESSARY TO COMPLETE THE WORK AND TO RESTORE ANY DAMAGED OR AFFECTED SURFACES RESULTING FROM THE WORK OF THIS CONTRACT TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER.
32. THERE SHALL BE NO EXPOSED PIPE, CONDUITS, ETC. IN PUBLIC AREAS, UNO. ALL SUCH LINES SHALL BE CONCEALED OR FURRED AND FINISHED.
33. GENERAL CONTRACTOR SHALL COORDINATE WORK PERFORMED BY OTHER CONTRACTORS. DISCREPANCIES IF ANY, SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
34. SHOULD THE DRAWINGS DISAGREE WITH THEMSELVES OR WITH THE SPECIFICATIONS OR SHOULD THE SPECIFICATIONS DISAGREE WITH THEMSELVES, THE BETTER QUALITY AND/OR GREATER QUANTITY OF WORK OR MATERIAL SHALL BE ESTIMATED UPON AND UNLESS OTHERWISE ORDERED IN WRITING BY THE OWNER AND INSTALLED.
35. NO SUBSTITUTIONS ARE PERMITTED UNLESS PRIOR APPROVAL BY THE OWNER.
36. IF ANY DISCREPANCIES APPEAR IN CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING OF SUCH DISCREPANCIES PRIOR TO BID.
37. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ARRIVAL OF ALL SPECIFIED FINISH MATERIALS EQUIPMENT, LIGHT FIXTURES AND ANY OTHER SUCH MATERIAL (S) TO BE UTILIZED ON THE PROJECT. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING WITHIN 10 DAYS OF THE DATE OF CONTRACT OF THOSE SPECIFIED ITEMS THAT MAY NOT BE READILY AVAILABLE. IF NOTIFICATION IS NOT RECEIVED BY THE OWNER THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR THE PROPER ORDERING AND FOLLOW-UP OF SPECIFIED ITEMS AND WILL PURSUE WHATEVER MEANS NECESSARY AT NO ADDITIONAL COST TO THE OWNER. INSURE AVAILABILITY OF ALL SPECIFIED ITEMS SO AS NOT TO CREATE A HARDSHIP ON THE OWNER AND NOT DELAY PROGRESS OF THE WORK. NO EXTENSION OF TIME TO THE CONTRACT WILL BE ALLOWED.
38. MECHANICAL CONTRACTORS SHALL VERIFY EXACT DIMENSIONS WITH EQUIPMENT MANUFACTUERRS. MECHANICAL CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF DUCT OPENINGS BEFORE INSTALLATION AND VERIFY DISCREPANCIES, IF ANY.
39. ALL EXTERIOR WALL OPENINGS, FLASHING, COUNTER FLASHING, COPING AND EXPANSION JOINTS SHALL BE WEATHERPROOF.
40. CAULKING AND SEALANTS: ALL OPEN JOINTS PENETRATIONS AND OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED, CAULKED, GASKETED, OR WEATHER STRIPPED TO LIMIT AIR AND WATER LEAKAGE.
41. USE ACOUSTICAL SEALANT AROUND ALL PIPES, DUCTS CONDUITS, OUTLETS, SWITCHES, ETC. ON BOTH SIDES OF CROSSING/PENETRATING WALLS WITH THERMAL AND ACOUSTIC INSULATION.
42. ALL NOISE BARRIER BATTS (SOUND INSULATION) SHALL BE NON-COMBUSTIBLE.
43. EACH CONTRACTOR SHALL LEAVE THE SITE IN A NEAT, CLEAN AND ORDERLY CONDITION ON A DAILY BASIS AND UPON CONCLUSION OF HIS WORK. ALL WASTE, RUBBISH AND EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE PROMPTLY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL TRASH GENERATED BY OWNERS CONTRACTORS FOR THE DURATION OF THE PROJECT.
44. SAFETY: ALL CONDUIT, WORK EQUIPMENT AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
45. CONSULT PROPERTY UTILITY PLANS BEFORE SAW CUTTING CONCRETE SLAB, IF ANY.
46. THE ARCHITECT WILL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES.

FIRE DEPARTMENT NOTES

1. CONTRACTOR TO PROVIDE A SUFFICIENT NUMBER OF 2A10BC RATED FIRE EXTINGUISHERS DURING CONSTRUCTION SO THAT ALL PORTIONS OF THE BUILDING ARE WITHIN 75 FT. TRAVEL DISTANCE OF SAID EXTINGUISHER & SO THAT AT LEAST ONE 2A10BC RATED FIRE EXTINGUISHER IS PROVIDED FOR EACH 3,000 SQ. FT. OF FLOOR SPACE OR PORTION THEREOF.
2. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 40-B FOR KITCHEN. LOCATE EXTINGUISHERS PER LOCAL FIRE DEPARTMENT INSPECTOR.
3. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR DURING CONSTRUCTION & FOR COMPLETED PROJECT.
4. ALL EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL.
5. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT SPECIAL KNOWLEDGE OR EFFORT (NO DEAD BOLTS, NO SLIDING BOLTS, ETC.).
6. AN OCCUPANT LOAD SIGN SHALL BE POSTED IN EACH ASSEMBLY ROOM HAVING AN OCCUPANT CONTENT OF 50 OR MORE. SIGN IS TO BE POSTED NEAR ENTRANCE. COORDINATE LOCATION OF SUCH SIGN WITH FIRE MARSHAL. SIGN TO BE PROVIDED & INSTALLED BY OWNER VENDOR.
7. MAINTAIN MIN. 44" AISLES TO EXIT OR PUBLIC WAY.
8. PROVIDE EXIT SIGNS ABOVE EXITS WITH MIN. 3/4"x6" LETTERS LIGHTED ON CONTRASTING BACKGROUND.
9. EXIT SIGNS MUST BE INTERNALLY ILLUMINATED.
10. PROVIDE TWO (2) SEPARATE POWER SUPPLIES FOR EXIT SIGNS CONFORMING TO CODE SECTION.
11. PROVIDE EMERGENCY EXIT LIGHTING PROVIDING A VALUE OF ONE FOOT CANDLE AT FLOOR LEVEL.
12. ADDITIONAL EXIT SIGNS WILL BE PROVIDED AS/IF DIRECTED BY THE CITY INSPECTOR.
13. SEE "ROOM FINISH SCHEDULE" FOR SMOKE DENSITY RATING & FLAME SPREAD RATING OF MATERIALS USED.
14. INTERIOR WALL & CEILING FINISHES FOR ASSEMBLY AREAS SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING OF 20.
15. ANY DECORATIONS USED SHALL BE NON-COMBUSTIBLE OR FLAME PROOFED IN AN APPROVED MANNER.
16. DRAPES & OTHER DECORATIVE MATERIALS SHALL BE FLAME RETARDANT. CERTIFICATION THEREOF SHALL BE PROVIDED. EXITS, EXIT SIGNS, FIRE ALARM STATIONS, HOSE CABINETS & EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIALS.
17. FINISHES SHALL NOT EXCEED CLASS A, B OR C AS INDICATED IN THE BUILDING CODE.
18. PROVIDE OUTSIDE GAS SHUT - OFF VALVE CONSPICUOUSLY MARKED.
19. UNLESS ALREADY EXISTING, AN APPROVED SET OF NUMERALS, MINIMUM 4" HIGH WITH A STROKE WIDTH OF NOT LESS THAN 1/2 INCH, SHALL BE PLACED ON THE BUILDING. THE NUMBERING SHALL BE PLACED IN SUCH A POSITION AS TO BE PLAINLY VISIBLE & LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. SAID NUMERALS SHALL CONTRAST W/ THEIR BACKGROUND. IF THE ADDRESS THAT IS POSTED NEAR THE INTERSECTION OF THE DRIVEWAY & THE PUBLIC STREET OR ROAD FRONTING THE PROPERTY IS NOT VISIBLE, ADDITIONAL ADDRESSES POSTED NEAR THE INTERSECTION OF THE DRIVEWAY & THE PUBLIC STREET ARE REQUIRED. (VERIFY REQUIREMENTS.)
20. PROVIDE A KNOX BOX FOR FIRE DEPT. ACCESS & KEY ACCESS, LOCATION AS DETERMINED BY FIRE MARSHAL.
21. EXIT SIGNAGE SHALL BE PROVIDED & MAINTAINED FOR CORRIDORS & AISLE WAYS LEADING TO EXITS IN ACCORDANCE WITH STATE CODE. SIGNAGE SHALL STATE: "OBSTRUCTIONS, INCLUDING STORAGE, SHALL NOT BE PLACED IN THE REQUIRED WIDTH OF AN EXIT OR EXIT PASSAGEWAY."
22. GENERAL CONTRACTOR SHALL SECURE PERMITS REQUIRED BY THE FIRE DEPARTMENT FROM THE FIRE DEPARTMENT PRIOR TO OCCUPYING THIS BUILDING.
23. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. G.C. TO VERIFY INSPECTION SCHEDULING REQUIREMENTS AT LEAST 14 DAYS PRIOR TO COMPLETION OF WORK.
24. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE & COMBUSTIBLE LIQUIDS, FLAMMABLE & COMPRESSED GASES & OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH STATE BUILDING CODE REGULATIONS.
25. ANY TYPE I HOOD INSTALLATION & SHAFT CONSTRUCTION MUST COMPLY WITH THE STATE & MECH CODE.
26. WHEN ALLOWED BY FIRE MARSHAL AND/OR BUILDING INSPECTOR, FIRE BLOCKS CAN BE SUBSTITUTED WITH APPROVED FIRE SPRINKLER SYSTEM.
27. IN ADDITION TO THE SPRINKLER MONITORING SYSTEM, A FIRE SYSTEM PER NFPA #13 SPECIFICATIONS MUST BE INSTALLED. PLANS FOR THE FIRE ALARM MUST BE SUBMITTED TO THE BUILDING DEPARTMENT FOR FIRE DEPARTMENT REVIEW PRIOR TO INSTALLATION. THE KITCHEN HOOD FIRE PROTECTION SYSTEM WILL CAUSE INITIATION OF AN ALARM SIGNAL.
28. ALL EXIT DOORS & INTERVENING DOORS ON THE EXIT PATH, IF PROVIDED WITH A LOCK OR LATCH, MUST BE PROVIDED WITH PANIC HARDWARE.
29. PLANS FOR THE KITCHEN HOOD FIRE PROTECTION SYSTEM MUST BE SUBMITTED TO THE BUILDING DEPARTMENT FOR REVIEW BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
30. THE FIRE SPRINKLER SYSTEM DESIGN CRITERIA IS AS SET FORTH BY THE FIRE MARSHAL.
31. PREMISES IDENTIFICATION TO BE LEGIBLE FROM STREET OR DRIVE & MUST BE ON ALL PLANS.
32. IT IS THE DEVELOPERS RESPONSIBILITY TO DETERMINE ULTIMATE COMPLIANCE WITH THE FAIR HOUSING AMENDMENTS ACT & AMERICANS WITH DISABILITIES ACT & INCORPORATE SAME INTO THEIR BUILDING PLANS.
33. BACK FLOW PREVENTION WILL BE REQUIRED ON VERTICAL RISER ON CLASS I & II FIRE SPRINKLER SYSTEM PER *LOCAL JURISDICTION* CODE.
34. PROVIDE ALL WEATHER ACCESS ROAD (MIN 20') TO ALL BUILDINGS & HYDRANTS FROM PUBLIC WAY DURING CONSTRUCTION.
35. NUMBER OF REQUIRED FIRE HYDRANTS EX. DEVELOPER SHALL HAVE THE REQUIRED HYDRANTS INSTALLED & OPERABLE PRIOR TO THE FOOTING INSPECTION. DEVELOPER TO PROVIDE WAIVER OF FIRE DEPARTMENT RESPONSIBILITY OR COPY OF CURRENT CITY APPROVED CIVIL WATER PLANS TO FIRE SPRINKLER CONTRACTOR FOR LOCATING NEW AND/OR EXISTING HYDRANT WATER MAIN SUPPLY DATA. SPACED MAX O/C 500' AT 1,500 GPM.
36. EXIT & EMERGENCY LIGHTING SHALL COMPLY WITH THE CITY ORDINANCE & ADOPTED CODES LISTED ON THE TITLE SHEET.
37. FIRELINE, SPRINKLER & STANDPIPE SYSTEM TO BE FLUSHED & PRESSURE TESTED PER NFPA STANDARDS & *LOCAL JURISDICTION* CODES.
38. FDC SIAMESE CONNECTIONS FOR SPRINKLERS AND/OR STANDPIPES WILL BE LOCATED PER ORDINANCE OR AT AN APPROVED LOCATION MIN. SIZE 2 1/2" X 2 1/2" X 4" (NHST) BUILDING MOUTED.
39. SPRINKLER SYSTEM SHALL BE INSTALLED TO COMPLY WITH MINIMUM NFPA CRITERIA & CITY ORDINANCE. SYSTEMS WITH 20 HEADS OR MORE SHALL HAVE OFF-SITE MONITORING. AFTER BUILDING PLAN REVIEW, INSTALLING CONTRACTOR SHALL SUBMIT (3) COMPLETE SETS OF DRAWINGS & HYDRAULIC CALCULATIONS.
40. REVIEWED BY MINIMUM NICET III DESIGN TECHNICIAN. NFPA COMMERCIAL SYSTEM / DESIGN CRITERIA : ORD. GR. II - 0.20/1500 (1996 EDITION) - PE STAMP REQUIRED
41. CONSTRUCTION WITHIN *LOCAL JURISDICTION* SHALL COMPLY WITH THE *STATE* FIRE CODE STANDARDS, AS AMENDED BY THE COUNTY ORDINANCE WHERE APPLICABLE.
42. THE APPLICANT IS RESPONSIBLE TO IDENTIFY & COORDINATE DEFERRED SUBMITTALS.
43. THE FIRE SPRINKLER RISER SHALL BE LOCATED INSIDE BUILDING WITH DIRECT EXTERIOR ACCESS. ALL OCCUPANTS ARE REQUIRED TO PROVIDE EXTERIOR ACCESS TO A FIRE RISER ROOM DESIGNED FOR THE FIRE SYSTEMS ONLY.
44. FIRE DEPARTMENT INLET CONNECTIONS (FDC) SHALL BE LOCATED ON THE WALL OF THE ADDRESS SIDE OR NATURAL APPROACH OF THE BUILDING IT SERVES & SHALL IDENTIFY THE BUILDING(S) SERVED WITH PERMANENT SIGNAGE.
45. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS & WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED WHERE THE NUMBER OF SPRINKLER HEADS EXCEEDS 19.
46. IN ADDITION TO THE EXTERIOR BELL OR HORN, AN APPROVED AUDIBLE/VISUAL FIRE SPRINKLER FLOW ALARM SHALL BE PROVIDED IN THE INTERIOR OF ALL BUILDINGS IN A NORMALLY OCCUPIED LOCATION. THE A/V DEVICE SHALL BE A MINIMUM OF 75 CD LUMENS & 15 DB ABOVE THE AMBIENT SOUND LEVEL.
47. A FIRE HYDRANT SHALL BE LOCATED WITHIN 100' OF THE FIRE DEPARTMENT CONNECTION (FDC). THE ROUTE IS TO BE MEASURED AS THE FIRE HOSE WOULD BE LAID OUT & IS NOT MEASURED IN A CIRCLE AROUND THE FIRE HYDRANT, & DOES NOT GO THROUGH WATER RETENTION BASINS, OVER WALLS OR SIMILAR OBSTRUCTIONS.
48. THE MINIMUM NUMBER OF FIRE HYDRANTS SHALL NOT BE LESS THAN REQUIREDD. THE MINIMUM REQUIRED FIRE FLOW IS 1500 (GPM) AT 20 (PSI) RESIDUAL PRESSURE. WHEN ANY PORTION OF THE FACILITY OR BUILDING IS IN EXCESS OF 150' OF AN APPROVED WATER SUPPLY ON A PUBLIC STREET, AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE FACILITY OR BUILDING, ON-SITE FIRE HYDRANTS & MAINS CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW SHALL BE PROVIDED. FIRE HYDRANTS SHALL BE LOCATED ALONG THE ROUTE OF THE FIRE APPARATUS ACCESS ROADWAY. FIRE HYDRANTS SUBJECTED TO VEHICULAR DAMAGE SHALL BE PROTECTED WITH GUARD POSTS.
49. PLANS & SPECIFICATIONS FOR FIRE SPRINKLER SYSTEMS EXCEEDING 19 HEADS SUBMITTED FOR REVIEW SHALL BE SEALED BY A QUALIFIED *LOCAL JURISDICTION* REGISTRANT IN FIRE SPRINKLER DESIGN. THE INSTALLING CONTRACTOR'S NAME, ADDRESS & PHONE NUMBER ARE TO BE INCLUDED ON THE DRAWINGS & CALCULATIONS SUBMITTED FOR REVIEW & APPROVAL. AS-BUILT DRAWINGS WILL BE REQUIRED WHERE FIELD CHANGES ARE MADE TO THE DESIGNED DRAWINGS.
50. FIRE SPRINKLERS SHALL BE INSTALLED IN ALL CONCEALED SPACES ENCLOSED WHOLLY OR PARTLY BY EXPOSED COMBUSTIBLE CONSTRUCTION.
51. A FIRE ACCESS ROAD SHALL BE PROVIDED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE 1ST STORY IS LOCATED MORE THAN 150' FROM FIRE APPARATUS ACCESS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING. THE ROUTE IS TO BE MEASURED AROUND THE BUILDING AS THE FIRE HOSE WOULD BE LAID OUT & IS NOT MEASURED THROUGH INTERIOR OR COVERED WALKWAYS OR WATER RETENTION BASINS. THE ROUTE OF THE FIRE APPARATUS ACCESS ROAD SHALL BE APPROVED BY THE FIRE DEPARTMENT.
52. APPARATUS ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 20 FEET. A MIN. VERTICAL CLEARANCE OF 15 FEET 0 INCHES SHALL BE PROVIDED FOR THE APPARATUS ACCESS ROADS. CONFIRM FIRE APPARATUS TURNING RADIUS 35 FEET INSIDE & 55 FEET OUTSIDE.
53. FIRE LANES SHALL BE MARKED BY SIGNS PER TOG DETAIL #63, AND/OR CURB PAINTED RED & LABELED "FIRE LANE NO PARKING", PLACED NOT GREATER THAN 75' APART AT THE BEGINNING & END OF THE DESIGNATED FIRE LANE.
54. DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED MEANS FOR TURNING THE APPARATUS AROUND.
55. AN APPROVED KEY BOX IS REQUIRED ON ALL COMMERCIAL STRUCTURES THAT CONTAIN OFF SITE MONITORED FIRE SPRINKLERS, A FIRE ALARM SYSTEM OR WHEN ACCESS IS DIFFICULT & WHERE IMMEDIATE ACCESS IS REQUIRED FOR LIFE SAVING OR FIREFIGHTING.
56. PLANS & SPECIFICATIONS FOR FIRE ALARM SYSTEMS, AUTOMATIC FIRE-EXTINGUISHING SYSTEMS, STANDPIPES & THEIR APPURTENANCES SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR REVIEW & APPROVAL PRIOR TO INSTALLATION.

GENERAL FIRE ALARM SYSTEM NOTES

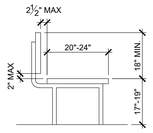
1. ADDITIONAL DEVICES AND RELOCATION OF EXISTING DEVICES FOR THE FIRE ALARM SYSTEM DO NOT REQUIRE SHOP DRAWINGS FOR CITY REVIEW, BUT ARE SUBJECT TO THE FIRE INSPECTOR'S APPROVAL. ALL WORK TO BE PERFORMED BY A QUALIFIED STATE REGISTRANT IN FIRE ALARM DESIGN.
2. ALARM INITIATING DEVICES, ALARM SIGNALING DEVICES, AND OTHER FIRE ALARM SYSTEM COMPONENTS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE CODES LISTED ON THE TITLE SHEET.
3. WHEN DUCT DETECTORS, REQUIRED BY THE MECHANICAL CODE OR FIRE CODE AND BUILDING CODE, ARE CONCEALED FROM VIEW OR INSTALLED MORE THAN 10 FEET ABOVE FINISHED FLOOR OR IN ARRANGEMENTS WHERE THE DETECTOR'S ALARM INDICATOR IS NOT READILY VISIBLE TO RESPONDING PERSONNEL, AN LED SHALL BE PROVIDED THROUGH THE CEILING LEVEL OR SIGHT OBSTRUCTION AT EACH DETECTOR. ALL DETECTION DEVICES PROVIDED SHALL BE MONITORED FOR INTEGRITY BY THE FIRE ALARM SYSTEM WHERE A FIRE ALARM IS INSTALLED.

FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION OF A BUILDING

1. DURING CONSTRUCTION, YOU MUST PROVIDE AND MAINTAIN AN ALL WEATHER ROAD DESIGNED TO SUPPORT THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING UP TO 85,000 POUNDS. SITES SHALL HAVE TWO POINTS OF ACCESS OR AS INDICATED AT PLAN REVIEW OR BY THE FIRE INSPECTOR. UNPAVED SURFACES SHALL HAVE A MINIMUM ABC 6" DEPTH COMPACTION TO 95% AND 20' WIDE. NO VEHICLE PARKING OR BUILDING MATERIAL OFF-LOADING ALLOWED ON THE EMERGENCY ACCESS ROAD. FIRE LANE SIGNS ARE REQUIRED TO BE POSTED ALONG THE ROAD.
2. A SIGN SHALL BE POSTED AT THE MAIN STREET ENTRANCE INDICATING EMERGENCY VEHICLE ENTRANCE, THE PROJECT NAME, THE PROJECT ADDRESS, AND AN EMERGENCY CONTACT NUMBER OF A COMPANY REPRESENTATIVE. THE SIGN SHALL BE A MINIMUM OF 24" HIGH X 36" WIDE WITH WHITE REFLECTIVE BACKGROUND AND 3" RED REFLECTIVE LETTERS. IN ADDITION ALL OFF-SITE WORK SHALL HAVE A SIGN POSTED AT THE MAIN STREET ENTRANCE THAT IS REFLECTIVE OF THE GEOGRAPHICAL LOCATION TO THE PROJECT. THE SIGN SHALL INCLUDE THE PROJECT NAME FOLLOWED BY THE CAPTION "OFF SITE" AND THE GEOGRAPHICAL LOCATION.
3. ALL SITE HYDRANTS SHALL BE INSTALLED AND ACCEPTED BY THE TOWN ENGINEERING DEPARTMENT PRIOR TO COMBUSTIBLE MATERIALS BEING DELIVERED TO THE CONSTRUCTION SITE.
4. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES AND THE EXISTING BUILDING CODE.

ACCESSIBILITY NOTES

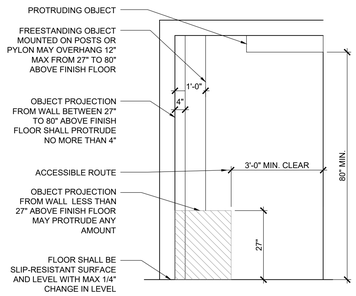
1. ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES, AS REQUIRED BY ADA.
2. WALKS & SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2" & SHALL BE A MIN. OF 48" IN WIDTH.
3. SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH.
4. SURFACES WITH A SLOPE OF 6% GRADIENT OR GREATER SHALL BE SLIP RESISTANT.
5. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT.
6. WALKS, SIDEWALKS & PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN THE GRATINGS SHALL BE LIMITED TO 1/2" IN THE DIRECTION OF TRAFFIC FLOW.
7. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL, IT SHALL COMPLY WITH THE PROVISIONS OF A PEDESTRIAN RAMP.
8. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2". WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2" ARE NECESSARY, THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS.
9. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90° & MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN.
10. THRESHOLDS TO BE A MAX. 1/2" ABOVE ADJACENT FINISH FLOOR.
11. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS FOR ALL DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. NOT TO EXCEED 15 LBS.
12. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC & SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
13. PROVIDE LEVER-TYPE HARDWARE PANIC BARS, PUSH - PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (30" TO 44" A.F.F.)
14. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE 32" CLEAR UNOBSTRUCTED OPENING & A LEVEL & CLEAR AREA FOR A MINIMUM DEPTH OF 60" IN THE DIRECTION OF THE DOOR SWING.
15. PROVIDE 18" FROM WALL TO CENTERLINE OF W.C. & 32" FROM A WALL AT ONE SIDE & 48" IN FRONT OF W.C.
16. PROVIDE 30"X48" LONG SPACE IN FRONT OF TOILET & WITHIN THE TOILET ROOM THAT ALLOWS THE DOOR TO CLOSE
17. GRAB BARS LOCATED ON EACH SIDE, OR ONE SIDE & THE BACK OF PHYSICALLY DISABLED TOILET STALL OR COMPARTMENT SHALL BE SECURELY ATTACHED 33" (36" FOR TANK-TYPE TOILETS) ABOVE AND PARALLEL TO THE FLOOR. GRAB BARS AT THE SIDE SHALL BE LOCATED 15" TO 16 1/2" FROM THE CENTERLINE OF THE WATER CLOSET STOOL & SHALL BE AT LEAST 42" LONG WITH THE FRONT END POSITIONED 24" IN FRONT OF THE WATER CLOSET STOOL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1 1/4" TO 1 1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.



ADA BENCH SHALL HAVE A BACK SUPPORT ALONG ITS LONG DIMENSION 48" LONG MIN. AND SHALL EXTEND FROM A POINT 2 INCHES MAX. ABOVE THE SEAT SURFACE TO A POINT 18" MIN. ABOCE THE SEAT SURFACE. BACK SUPPORT SHALL BE 2-1/2" MAX. FROM THE REAR EDGE OF THE SEAT MEASURED HORIZONTALLY.

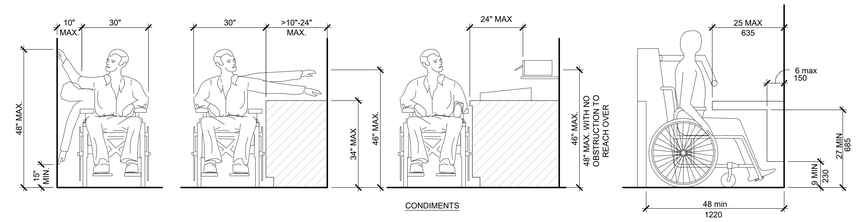
BENCHES SHALL BE AFFIXED TO THE WALL OR THE FLOOR ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 LBS IS APPLIED AT ANY POINT ON THE SEAT, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

9 ADA BENCH DETAIL
NTS

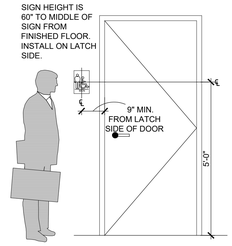


6 INTERIOR ACCESS ROUTE
NTS

CORRESPONDING REACH HEIGHTS FOR GIVEN DEPTHS:	
WHEN D = 10" OR LESS,	H = 48" MAX.
WHEN D = >10" TO 24"	H = 46" MAX.

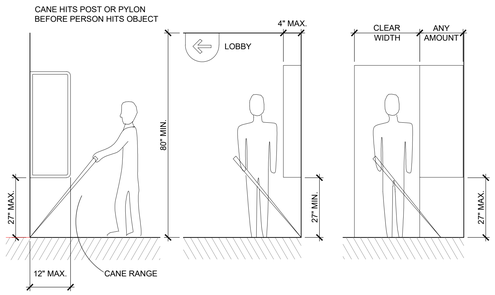


3 ADA REACH RANGES
NTS

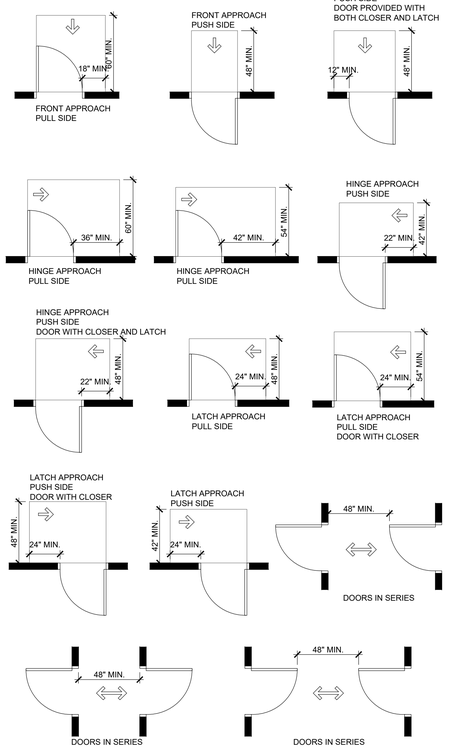


SECTION 305.3 ICC/ANSI A1117.1-2003

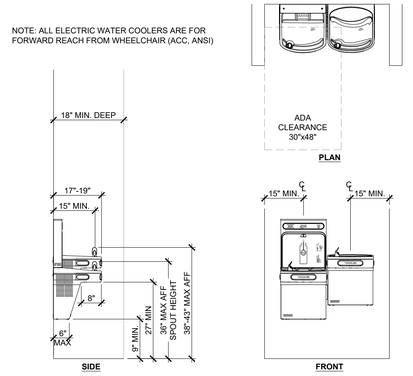
8 ACCESSIBLE SIGN DETAIL
NTS



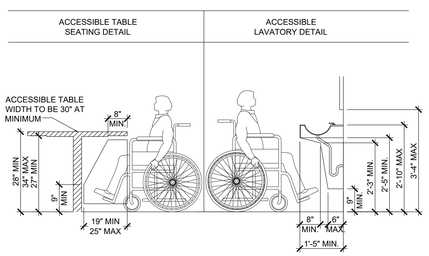
5 PROTRUDING OBJECTS
NTS



2 DOOR CLEARANCES
NTS

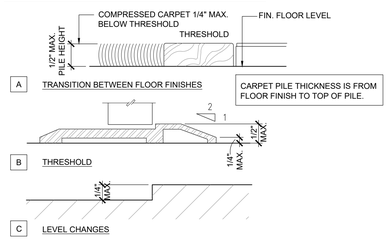


10 ACCESIBLE DRINKING FOUNTAIN
NTS



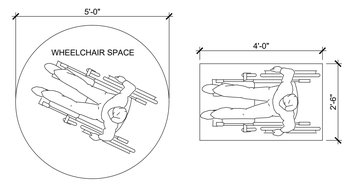
7 ACCESSIBLE ILLUSTRATIONS
NTS

NOTES:
1. 1/2" MAXIMUM TOTAL HEIGHT WITH 1/4" MAXIMUM VERTICAL CHANGE AT EDGE.
2. 1 : 2 SLOPED BEVEL REQUIRED IF LEVEL CHANGE IS OVER 1/4" VERTICAL LEVEL CHANGE.
3. 1/4" MAXIMUM VERTICAL LEVEL CHANGE.



4 CHANGES IN LEVEL
NTS

IBC
AT LEAST 60 PERCENT, BUT NOT LESS THAN ONE OF THE ENTRANCES TO EACH BUILDING AND STRUCTURE TO EACH SEPARATE TENANT SPACE WITHIN THE BUILDING OR STRUCTURE SHALL COMPLY WITH THE ACCESSIBLE ROUTE PROVISIONS OF THIS CHAPTER. ALL REQUIRED EXITS FOR EGRESS SHALL COMPLY WITH THESE REQUIREMENTS



SECTION 305.3 ICC/ANSI A117.1-2003

1 ADA CLEAR FLOOR & TURNING SPACE
NTS

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

CLIENT

PROJECT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT

DxU ARCHITECTS
415 Bells Lane • Fairfax • Virginia • 22030
703 273 3233 • www.dxu.com

CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

ACCESSIBILITY STANDARD DETAILS

G1-10

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2023 2:33 PM PLOTTED BY: KEVIN PASLEY

SPECIFICATIONS

DIVISION 01 - GENERAL REQUIREMENTS

1. THE WORK INCLUDES NEW TENANT IMPROVEMENTS IN AN EXISTING STAND ALONE SPACE. PER SQUARE FOOT CALCULATIONS AS NOTED ON THE TITLE SHEET. CONTRACT WILL INCLUDE CONSTRUCTING WALLS, CEILINGS & FLOOR PER CLIENT APPROVED FINISHES, DETAILS & SPECIFICATIONS. SECURE & PAY FOR GOVERNMENT FEES, LICENSES, & PERMITS.
2. CONTRACTORS SHALL VISIT THE PREMISES WHILE BIDDING & SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS & THE REQUIREMENTS OF THE PROJECT PRIOR TO DEVELOPING THEIR BID. MATERIAL QUANTITIES SHALL BE BASED ON ACTUAL FIELD CONDITIONS & MEASUREMENTS. DO NOT RELY ON SCALING PLANS FOR ACCURATE DIMENSIONING.
3. PRIOR TO BEGINNING THE WORK, VERIFY ALL EXISTING DIMENSIONS & SQUARE FOOTAGES. NOTIFY THE OWNER OF COMPLIANCE OR DISCREPANCIES, COMPARING THOSE DISCREPANCIES TO THE NUMBERS ON THE TITLE SHEET.
4. CONTRACTORS SHALL TAKE CARE TO PROTECT ADJACENT AREAS FROM DUST & DAMAGE DURING THE CONSTRUCTION PROCESS & SHALL CLEAN UP AFTER THEMSELVES AT THE END OF EACH WORKING DAY. ANY DAMAGE DONE TO ADJACENT AREAS MUST BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
5. ALL RUBBISH & TRASH SHALL BE REMOVED FROM THE PREMISES & PROPERLY DISPOSED OF EACH DAY. NO RUBBISH SHALL BE LEFT IN THE PREMISES AFTER WORK IS COMPLETED EACH DAY.
6. ALL DRAWINGS HEREIN CREATE AN ENTIRE PACKAGE. ALL TRADES SHALL BE RESPONSIBLE FOR REVIEWING THEIR RESPECTIVE REQUIREMENTS & COORDINATING THEIR HIDDEN OR EXPOSED WORK WITH OTHER RELATED TRADES. COORDINATE ALL WORK OF THE VARIOUS TRADES & SUBCONTRACTORS TO ASSURE EFFICIENT & ORDERLY INSTALLATION.
7. PROVIDE ACCOMMODATION FOR ITEMS INSTALLED AT A LATER DATE. VERIFY THAT CHARACTERISTICS OF ELEMENTS OF INTERRELATED OPERATING EQUIPMENT ARE COMPATIBLE; COORDINATE WORK OF VARIOUS SECTIONS WHICH HAVE INTERDEPENDANT RESPONSIBILITIES FOR INSTALLING, CONNECTING TO, & PLACING IN SERVICE, SUCH EQUIPMENT. COORDINATE SPACE REQUIREMENTS & INSTALLATION OF MECHANICAL & ELECTRICAL WORK & FIRE SPRINKLER SYSTEM WHICH ARE INDICATED, DETAILED, OR IMPLIED DIAGRAM- MATICALLY ON DRAWINGS.
8. UNLESS SPECIFICALLY NOTED, PROVIDE & PAY FOR LABOR, MATERIALS & EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT & MACHINERY & OTHER FACILITIES & SERVICES NECESSARY FOR PROPER EXECUTION & COMPLETION OF WORK, INCLUDING PERMITS. TEMPORARY UTILITIES SHALL BE ARRANGED & PAID FOR BY GENERAL CONTRACTOR.
9. GENERAL CONTRACTOR SHALL PURCHASE & MAINTAIN INSURANCE COVERAGE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD & THE TENANT. VERIFY & COORDINATE WITH THE TENANT'S PROJECT MANAGER ANY ADDITIONAL REQUIREMENTS.
10. FURNISH ALL REQUIRED TEMPORARY FACILITIES & ALL TEMPORARY UTILITIES IMMEDIATELY AFTER RECEIPT OF NOTICE TO PROCEED FOR USE IN CONVENIENCE OF ALL THOSE ENGAGED IN THE PROJECT WORK.
11. ALL CONTRACTORS MUST STAY BEHIND THE BARRIERS & MAINTAIN ACCESS TO SUCH AREAS CLEAN & FREE OF CONSTRUCTION MATERIALS & DEBRIS. FAILURE TO MAINTAIN CLEAN STOREFRONT WILL RESULT IN BUILDING MANAGER REMOVING SUCH MATERIALS & DEBRIS REMOVED & ALL CHARGES FOR MAINTENANCE BILLED TO GENERAL CONTRACTOR.
12. COORDINATE ALL CONSTRUCTION & SCHEDULING WITH THE BUILDING MANAGER REVIEWING ALL SCHEDULED ACTIVITIES AT OUTSET OF CONSTRUCTION.
13. THE OWNER OR THE OWNER'S SUBCONTRACTORS MAY OCCUPY PORTIONS OF THE PROJECT DURING THE FINAL STAGE OF CONSTRUCTION. COORDINATE & COOPERATE WITH THE OWNER TO MINIMIZE CONFLICT & FACILITATE OWNER OPERATIONS.
14. ALL DIMENSIONS & FINISHES SHALL BE VERIFIED & COORDINATED WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION, FABRICATION, OR PURCHASING. IN CASE OF CONFLICT BETWEEN THE PROJECT REQUIREMENTS AND EXISTING CONDITIONS, THE ARCHITECT OR OWNER SHALL BE CONTACTED FOR DIRECTION.
15. PERFORM ALL WORK IN ACCORDANCE WITH ACCEPTABLE TRADE PRACTICE TO INSURE THE HIGHEST QUALITY FINISHED PRODUCT - EXPRESSED OR IMPLIED. PERFORM ALL WORK BY SKILLED MECHANICS IN ACCORDANCE WITH ESTABLISHED STANDARDS OF WORKMANSHIP IN EACH OF THE VARIOUS TRADES.
16. COORDINATE BLOCKING REQUIREMENTS WITH ADJACENT OR RELATED TRADES, ACCESSORIES, EQUIPMENT & FIXTURES. INSTALL REQUIRED BLOCKING AT NO ADDITIONAL COST TO THE CONTRACT.
17. REPAIR PROPERTY DAMAGE BY THE INSTALLERS TO A LIKE NEW CONDITION OR REPLACE DAMAGED SURFACES & MATERIALS OF THE PREVIOUSLY INSTALLED WORK BY OTHER TRADES. INSTALLERS & SUBCONTRACTORS.
18. WHERE REQUESTED BY THE OWNER TO CERTIFY CONFORMANCE TO TRADE STANDARDS OR THE PROJECT REQUIREMENTS, THE CONTRACTOR SHALL ENLIST A TESTING LABORATORY AT THE OWNER'S COST. IF THE REQUESTED TEST SHOWS NON-CONFORMANCE TO GENERALLY ACCEPTED TRADE STANDARDS OR THE PROJECT REQUIREMENTS, THE CONTRACTOR SHALL CORRECT THE DEFICIENCY AT NO ADDITIONAL COSTS TO THE OWNER & REIMBURSE ALL THE COSTS OF THE TESTING TO THE OWNER, UNLESS THE CONTRACTOR HAS USED PRODUCTS INCORRECTLY LABELED BY THE MANUFACTURER OR HAS MADE PREVIOUSLY APPROVED CHANGES.
19. PROVIDE SECURITY OF THE WORK, INCLUDING TOOLS & UNINSTALLED MATERIALS. PROTECT THE WORK, STORED PRODUCTS, CONSTRUCTION EQUIPMENT & OWNER'S PROPERTY FROM THEFT & VANDALISM & THE PREMISES FROM ENTRY BY UNAUTHORIZED PERSONNEL UNTIL FINAL ACCEPTANCE BY OWNER.
20. MAINTAIN AN ACTIVE FIRE EXTINGUISHER AT THE PROJECT.
21. DO NOT USE MATERIAL OR EQUIPMENT FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY DESIGNED OR SPECIFIED. ALL MATERIALS & EQUIPMENT THAT ARE SIMILAR SHALL BE THE SAME TYPE, MODEL & STYLE FOR THE SAME USE THROUGHOUT THE PROJECT OR THEY SHALL BE REJECTED.
22. WHEN THE PROJECT REQUIREMENTS REQUIRE THAT THE INSTALLATION OF WORK SHALL COMPLY WITH MANUFACTURER'S INSTRUCTIONS, PERFORM THE WORK IN STRICT ACCORDANCE WITH THE MOST CURRENT WRITTEN MANUFACTURER'S INSTRUCTIONS.
23. ALL PRODUCTS & EQUIPMENT SHALL BE DELIVERED IN UNDAMAGED CONDITION & STORED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO AVOID DISRUPTION OF THE WORK OR DAMAGE TO THE ITEMS. REPLACE DAMAGED OR UNFIT MATERIALS, AT NO COST TO THE OWNER.
24. NOTIFY THE OWNER WHEN THE WORK IS SUBSTANTIALLY COMPLETE & READY FOR INSPECTION. UPON INSPECTION, PROVIDE WRITTEN OPERATION & MAINTENANCE INSTRUCTIONS & GUARANTEES FOR ALL EQUIPMENT & MATERIALS INSTALLED. PROVIDE WRITTEN GUARANTEES FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK.
25. PROVIDE FINAL CLEAN-UP & DAMAGE REPAIR AT THE PROJECT CONCLUSION. LEAVE THE PREMISES NEAT, CLEAN & CLEAR OF TOOLS, EQUIPMENT & SURPLUS MATERIALS, UNLESS REQUESTED BY THE OWNER. CLEAN-UP SHALL INCLUDE & NOT BE LIMITED TO:
   a. POWER VACUUMING THE ENTIRE SPACE.
   b. HAND DUSTING & CLEANING OF ALL SHELVING, CABINETRY, CASEWORK, GLASS & MIRRORS BOTH INSTALLED UNDER THIS CONTRACT OR EXISTING WALLS, CEILINGS, FIXTURES, ETC.
   c. REPAIR OR REPLACEMENT OF PROPERTY DAMAGED DURING FINAL COMPLETION OF THE PROJECT
   d. G.C. TO HIRE & PAY FOR PROFESSIONAL CLEANING ON (2) OCCASIONS: ONCE BEFORE TURNOVER TO TENANT (MERCHANDISING) & AGAIN BEFORE OPENING.
26. GENEAL CONTRACTOR SHALL PLACE ORDERS FOR ALL FINISHES, ALL MATERIALS, EQUIPMENT, ETC., ATTHE START OF THE PROJECT. SUBSTITUTIONS ARE NOT ACCEPTED FOR ANY ITEMS, UNLESS NOTED OTHERWISE. OWNER & ARCHITECT MUST BE INFORMED OF LEAD TIME PROBLEMS WITHIN THE FIRST TWO WEEKS OF THE PROJECT.

DIVISION 02 - DEMOLITION / BUILDING ALTERATIONS

1. THE WORK MAY INCLUDE DEMOLITION OF EXISTING CONSTRUCTION, REMOVAL OF VARIOUS ITEMS OF EQUIPMENT & CONSTRUCTION & THE CUTTING OR ALTERATION OF EXISTING CONSTRUCTION AS SHOWN, NOTED OR IMPLIED ON THE DRAWINGS. CONTRACTOR SHALL DETERMINE & INVENTORY ALL NECESSARY DEMOLITION & ALTERATION OF ITEMS TO PROVIDE FOR A COMPLETE NEW BUILDING AS NOTED HEREIN. ALL COSTS OF REMOVAL, REPAIR OR REPLACEMENT SHALL BE INCLUDED IN THE BID. ADDITIONAL COSTS FOR DEMOLITION OF ITEMS HIDDEN OR INACCESSIBLE DURING THE BIDDING PHASE, SHALL BE SUBMITTED FOR APPROVAL PRIOR TO BEGINNING THE WORK.
2. AT ALTERED CONSTRUCTION, REPAIR CUT EDGES, REPLACE CONSTRUCTION & FIT NEW TO EXISTING CONSTRUCTION TO MATCH EXISTING WORK. MAKE JOINTS OF NEW & EXISTING PATCHES VERY SMOOTH, EVEN & PRACTICALLY INVISIBLE. COORDINATE ALL REPLACEMENT & REPAIR REQUIREMENTS WITH LANDLORD'S CONSTRUCTION CRITERIA & TENANT'S COORDINATOR.
3. SAW-CUT CONCRETE WITH DIAMOND SAW; JACKHAMMERING WILL NOT BE PERMITTED EXCEPT WITH THE EXPRESSED WRITTEN APPROVAL OF THE LANDLORD. CUT IN ACCURATELY LOCATED, STRAIGHT LINES & BREAK OUT SECTIONS. FLOOR MAY BE CORE DRILLED WHERE APPROP- RIATE FOR INSTALLATION OF PIPES & SIMILAR ITEMS. COORDINATE ALL CORE LOCATIONS & SLAB MODIFICATIONS WITH LANDLORD'S STRUCTURAL ENGINEER. WHERE EXISTING PIPING & OTHER SIMILAR ITEMS ARE UNDER EXISTING SLABS, EXERCISE CARE TO PROTECT FROM DAMAGE. EXERCISE CARE WHEN CUTTING ADJACENT TO EXISTING WALLS TO AVOID DAMAGE TO WALLS. IF DAMAGED, REPAIR AS REQUIRED TO ORIGINAL CONDITION.
4. DOORS & FRAMES: IF DOORS & FRAMES ARE TO BE REUSED ON THE WORK, CAREFULLY REMOVE DOOR FROM FRAMES & REMOVE FRAMES FROM OPENING, TAKING CARE TO AVOID DAMAGE. REMOVE HARDWARE, CLEAN, REFURBISH & STORE FOR REINSTALLATION WHERE INDICATED. FOR DOORS & FRAMES TO BE SALVAGED, CAREFULLY REMOVE FROM OPENING & DELIVER FOR STORAGE WHERE INDICATED.
5. PREVENT MOVEMENT OR SETTLEMENT OF STRUCTURE. PROVIDE & PLACE BRACING & SHORING & BE RESPONSIBLE FOR SAFETY & SUPPORT OF STRUCTURE, AS DETERMINED BY G.C, ENLISTED STRUCTURAL ENGINEER. ASSUME LIABILITY FOR SUCH MOVEMENT, SETTLEMENT DAMAGE OR INJURY.
6. ARRANGE & PAY FOR DISCONNECTING, REMOVING & CAPPING UTILITY SERVICES WITHIN AREAS AFFECTED BY DEMOLITION. PLACE MARKERS TO INDICATE LOCATION OF DISCONNECTED SERVICES. LOCATE SPRINKLER SHUT-OFF VALVE & SMOKE ALARM PRIOR TO COMMENCING WORK; COORDINATE REQUIRED MODIFICATION WITH LANDLORD.
7. CAREFULLY REMOVE MATERIALS & EQUIPMENT WHICH ARE INTENDED TO BE REUSED. STORE IN A SECURE LOCATION. REMOVE DEBRIS, REFUSE & MATERIALS BEING DEMOLISHED IMMEDIATELY FROM THE SITE.
8. ERECT & MAINTAIN WEATHERPROOF & DUSTPROOF CLOSURES & PARTITIONS TO PREVENT WEATHER DAMAGE OR SPREAD OF DUST, FUMES & SMOKE TO OTHER PARTS OF THE BUILDING. IN ACCORDANCE WITH MALL GUIDELINES & STIPULATIONS.
9. PERFORM DEMOLITION IN ACCORDANCE WITH APPLICABLE AUTHORITIES HAVING JURISDICTION.
10. REPAIR ALL DEMOLITION IN EXCESS OF THAT REQUIRED AT NO COST TO THE OWNER.
11. REMOVE FROM SITE CONTAMINATED, VERMIN INFESTED OR DANGEROUS MATERIALS ENCOUNTERED; DISPOSE OF BY SAFE MEANS TO PROTECT HEALTH OF WORKERS & PUBLIC.

DIVISION 03 - CONCRETE REPAIR & REPLACEMENT

1. WORK INCLUDES: PATCHING OF SLAB AFTER DEMOLITION & REMOVAL OF FINISHES; FILLING & LEVELING JOINTS & CRACKS; FILLING ABANDONED ELECTRICAL BOXES & ANY HOLES GREATER THAN 1/2".
2. USE RAECO-LITH "R-35" AS UNDERLAYMENT FOR PATCHING OR APPROVED EQUAL. MIX SHALL BE TWO PARTS - MORTAR MIX & LATEX BINDER. MIX & INSTALL PER MANUFACTURER'S LATEST WRITTEN & RECOMMENDED DIRECTIONS.

DIVISION 04 - MASONRY

CONCRETE MASONRY UNITS

1. CONCRETE MASONRY UNITS ARE TO BE SQUARE-EDGED UNITS FOR OUTSIDE CORNERS, UNLESS OTHERWISE INDICATED.
2. WHERE REQUIRED, USE DECORATIVE CONCRETE MASONRY UNITS TO MATCH EXISTING SHELL FINISH:
   a. EXPOSED FACES TO BE GROUND FINISH, SPLIT-FACE FINISH OR SPLIT-RIBBED FINISH TO MATCH EXISTING

FACE BRICK

1. FACE BRICK (ASTM C 216) IS TO BE OF STANDARD SIZE TO MATCH EXISTING SHELL SPACE.
2. CONTRACTOR IS TO USE SOLID BRICK WITH FINISHED SURFACES AT ENDS & CAPS.
3. SPECIAL SHAPES ARE TO BE USED IN APPLICATIONS WHERE SAW CUTTING WOULD LEAVE EXPOSED END UNFINISHED EXPOSED TO VIEW.

MORTAR

1. ASTM 270, ASTM C 1142 & UBC STANDARD 21-15 ARE ACCEPTABLE.
2. CALCIUM CHLORIDE SHALL NOT BE USED IN MORTAR MIXTURE.
3. FOR MASONRY BELOW GRADE, IN CONTACT WITH EARTH, REINFORCED MASONRY TYPE S OR RS SHALL BE USED (MATCH EXISTING). FOR EXTERIOR ABOVE GRADE, LOAD BEARING, NON-LOAD BEARING & PARAPET WALLS TYPE N OR RN SHALL BE USED (MATCH EXISTING).

JOINT & CELL REINFORCEMENT, TIES & ANCHORS

1. PROVIDE JOINT REINFORCEMENT FORMED FROM GALVANIZED CARBON-STEEL WIRE (ASTM A 153, CLASS B-2 FOR BOTH INTERIOR & EXTERIOR WALLS)
2. FOR SINGLE-WYTHE MASONRY, PROVIDE LADDER OR TRUSS DESIGN REINFORCEMENT.
3. INSTALL #4 BARS MIN. AT ENDS OF WALLS & 48" O.C. MIN. IN SOLID GROUTED CELLS OVERLAP BARS 18" MIN. & TIE, AS REQUIRED.

EXECUTION

1. CUT MASONRY UNITS WITH MOTOR-DRIVEN SWAS. INSTALL CUT UNITS WITH CUT SURFACE CONCEALED.
2. MASONRY UNITS TO BE MIXED FROM SEVERAL PALLETS AS THEY ARE PLACED TO CREATE UNIFORM BLEND OF COLOR & TEXTURE.
3. COURSING, BONDING, COLOR & TEXTURE OF NEW MASONRY IS TO MATCH EXISTING.
4. EXPOSED JOINTS ARE TO BE TOOLED SLIGHTLY WHEN THUMBPRINT HARD.
5. ALL CAVITIES ARE TO BE KEPT CLEAN OF MORTOR DROPPINGS & OTHER MATERIALS DURING CONSTRUCTION. CAVITY JOINTS ARE TO BE TOOLED FLUSH.

CLEANING

1. MASONRY BLOCK, FACE BRICK & VENNER TO BE CLEANED AS WORK PROGRESSES. MORTOR FINS, SMUDGES & SMEARS ARE TO BE REMOVED PRIOR TO TOOLING JOINTS.
2. AFTER MORTOR HAS COMPLETELY SET & CURED, ALL LARGE MORTOR PARTICLES ARE TO BE REMOVED & UNITS MASONRY IS TO BE SCRUBBED THOROUGHLY.

DIVISION 05 - METAL FABRICATIONS

1. PROVIDE ALL MISCELLANEOUS METAL ITEMS INCLUDING MATERIALS, FABRICATIONS, FASTENINGS & ACCESSORIES REQUIRED FOR FINISHED INSTALLATION AS INDICATED & SPECIFIED.
2. STEEL SHALL BE ASTM A366 AMERICAN OPEN HEARTH SHEET STEEL, FREE FROM SCALE & PITTING & OTHER DEFECTS AFFECTING APPEARANCE.
3. TUBING SHALL CONFORM TO REQUIREMENTS OF ASTM A500 OR A501 AS APPROVED.
4. WHERE METAL ITEMS ARE TO BE ERECTED & IN CONTACT WITH DISSIMILAR MATERIALS, PROVIDE CONTACT SURFACES WITH COATING OF AN IMPROVED ZINC CHROMATE PRIMER IN A MANNER TO OBTAIN NOT LESS THAN 1.0 MIL DRY FILM THICKNESS.
5. SHEET STEEL SHALL CONFORM TO REQUIREMENTS OF ASTM A606.
6. CARBON STEEL BARS SHALL CONFORM TO REQUIREMENTS OF ASTM A321.
7. ALUMINUM EXTRUSIONS SHALL CONFORM TO ASTM B221. REVEALS TO BE CLEAR ANODIZED FINISH (UNLESS OTHERWISE NOTED).
8. FASTENERS SHALL BE AS REQUIRED FOR ASSEMBLY & INSTALLATION OF FABRICATED ITEMS.
9. BOLTS SHALL BE LOW CARBON STEEL EXTERNALLY & INTERNALLY THREADED FASTENERS CONFORMING WITH REQUIREMENTS OF ASTM A307; INCLUDE NECESSARY NUTS & PLAIN HARDENED WASHERS. FOR MEMBERS FOR SUPPORT OF STRUCTURAL MEMBERS OR CONNECTION THERETO, USE FASTENERS CONFORMING WITH ASTM A325 FOR STAINLESS STEEL & NON- FERROUS ITEMS, USE TYPE 302 & 304 STAINLESS STEEL FASTENERS.
10. MISCELLANEOUS MATERIALS: PROVIDE ALL INCIDENTAL ACCESSORY MATERIALS, TOOLS, METHODS & EQUIPMENT REQUIRED FOR FABRICATION & INSTALLATION OF MISCELLANEOUS METAL ITEMS AS INDICATED ON DRAWINGS.
11. VERIFY DIMENSIONS PRIOR TO FABRICATION OR CASTING. FORM METAL ITEMS TO ACCURATE SIZES & CONFIGURATIONS AS INDICATED ON DRAWINGS & OTHERWISE REQUIRED FOR PROPER INSTALLATION; FABRICATE WITH ALL LINES STRAIGHT & ANGLES SHARP. CLEAN & TRUE; DRILL, COUNTERSINK, TAP & OTHERWISE PREPARE ITEMS FOR CONNECTION WITH WORK OF OTHER TRADES. MAKE PERMANENT CONNECTIONS BY WELDING & GRIND ALL EXPOSED WELDS SMOOTH TO MATCH ADJACENT SURFACES; ROUGH JOINT SURFACES SO PERMITTED. AVOID USING BOLTS & SCREWS UNLESS SPECIFICALLY INDICATED OR APPROVED; WHEN USED, DRAW UP TIGHT & TIE THREADS TO PREVENT LOOSENING.
12. ALL FERROUS METAL ITEMS SHALL BE SHOP FINISHED. TOUCH-UP OR REPAIR DAMAGED AREAS PRIOR TO INSTALLATION WITH SAME MATERIAL.
13. PROVIDE CONTACT SURFACES WITH CONCRETE MASONRY OR OTHER DISSIMILAR MATERIALS WITH A MINIMUM ONE POINT ZERO (1.0) MIL DRY THICKNESS OF AN APPROVED ZINC CHROMATE PRIMER.
14. PROVIDE ALL STEEL BLOCKING & BRACING IN METAL STUD FRAMED PARTITIONS NECESSARY FOR A COMPLETE INSTALLATION. INCLUDE AS REQUIRED FOR SUPPORT OF ALL WALL-MOUNTED EQUIPMENT & FABRICATIONS NOT INDICATED ON DRAWINGS. PROVIDE SUPPORTS AT JAMBS OF DOORS & ELSEWHERE, AS REQUIRED.
15. FABRICATE ALL MISCELLANEOUS FRAMING & BRACING ITEMS TO DETAIL OF STRUCTURAL SHAPES, PLATES & BARS; WELD JOINTS WHERE PRACTICAL; PROVIDE BOLTS & OTHER CONNECTION DEVICES REQUIRED. INCLUDE ANCHORAGES, CLIP ANGLES, SLEEVES, ANCHOR PLATE & SIMILAR DEVICES. WHETHER IMPLIED OR INDICATED. SET ACCURATELY IN POSITION AS REQUIRED & ANCHOR SECURELY TO BUILDING CONSTRUCTION WITH FASTENERS APPROP- RIATE TO THE INSTALLATION

DIVISION 06 - WOOD & PLASTICS

1. PROVIDE ROUGH LUMBER & PLYWOOD IN STANDARD DIMENSIONS. MOISTURE CONTENT NOT MORE THAN 19%.
2. PROVIDE ALL NECESSARY ROUGH HARDWARE IN SIZES & QUANTITIES REQUIRED BY LOCAL CODE OR APPROVED BY ARCHITECT.
3. USE FINISH OR CASING NAILS FOR EXPOSED WORK, USE TYPE "S" TRIM HEAD SCREWS OR A FLUSH ATTACHMENT OF WOOD TRIM TO METAL STUD, RUNNER OR FURRING
4. RELIEVE BACKS OF WOOD TRIM; KERF BACKS OF MEMBERS MORE THAN 5" WIDE & 1" NOMINAL THICKNESS; EASE ALL EXTERNAL CORNERS.
5. INSTALL LAMINATES ONLY WHEN RECEIVING SURFACES ARE IN A SATISFACTORY CONDITION FOR INSTALLATION.
6. PROTECT FROM DAMAGE BY OTHER TRADES WORKING ADJACENT TO THE INSTALLATION. REPLACE DAMAGED SURFACES.
7. REMOVE EXCESS ADHESIVE & CLEAN SURFACES USING MANUFACTURER'S RECOMMENDED SOLVENT & CLEANING PROCEDURES.
8. FILL IN ALL SEAMS WITH MANUFACTURER'S APPROPRIATE COLOR SEAM COMPOUND.
9. INSTALL WOODS & PLASTICS IN CONFORMANCE WITH DETAILS WITH THE FOLLOWING CONSIDERATIONS & REQUIREMENTS:
   a. INSTALL ALL MATERIAL WITH TIGHT JOINTS.
   b. MITER CASINGS & MOLDINGS.
   c. ALL RUNNING TRIM ONE (1) PIECE UP TO 10'-0". MATCH GRAIN & COLOR PIECE TO PIECE.
   d. USE FINISH NAILS EXCEPT WHERE SCREWS ARE SPECIFICALLY CALLED FOR OR WHERE SCREWS DO NOT SHOW.
   e. SET FASTENERS FOR PUTTYING.
   f. WHERE SCREW ATTACHMENT REQUIRED, SPACE SCREWS AT EQUAL INTERVALS; SINK & PUTTY IN FINISH WOOD SURFACES.
   g. ALL MEMBERS & LINES LEVEL & PLUMB.
   h. SELECT & CUT MATERIAL TO EXCLUDE DAMAGED, MARKED OR DEFECTIVE AREAS.
   i. FINISH EXPOSED SURFACES SMOOTH, FREE FROM TOOL & MACHINE MARKS
   j. EASE ALL EXPOSED WOOD EDGES 1/8" MINIMUM RADIUS.
   k. INSTALL FIRE RATED DOORS IN ACCORDANCE WITH REQUIREMENTS OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RECOMMENDATIONS.

DIVISION 07 - SEALANTS & CAULKING

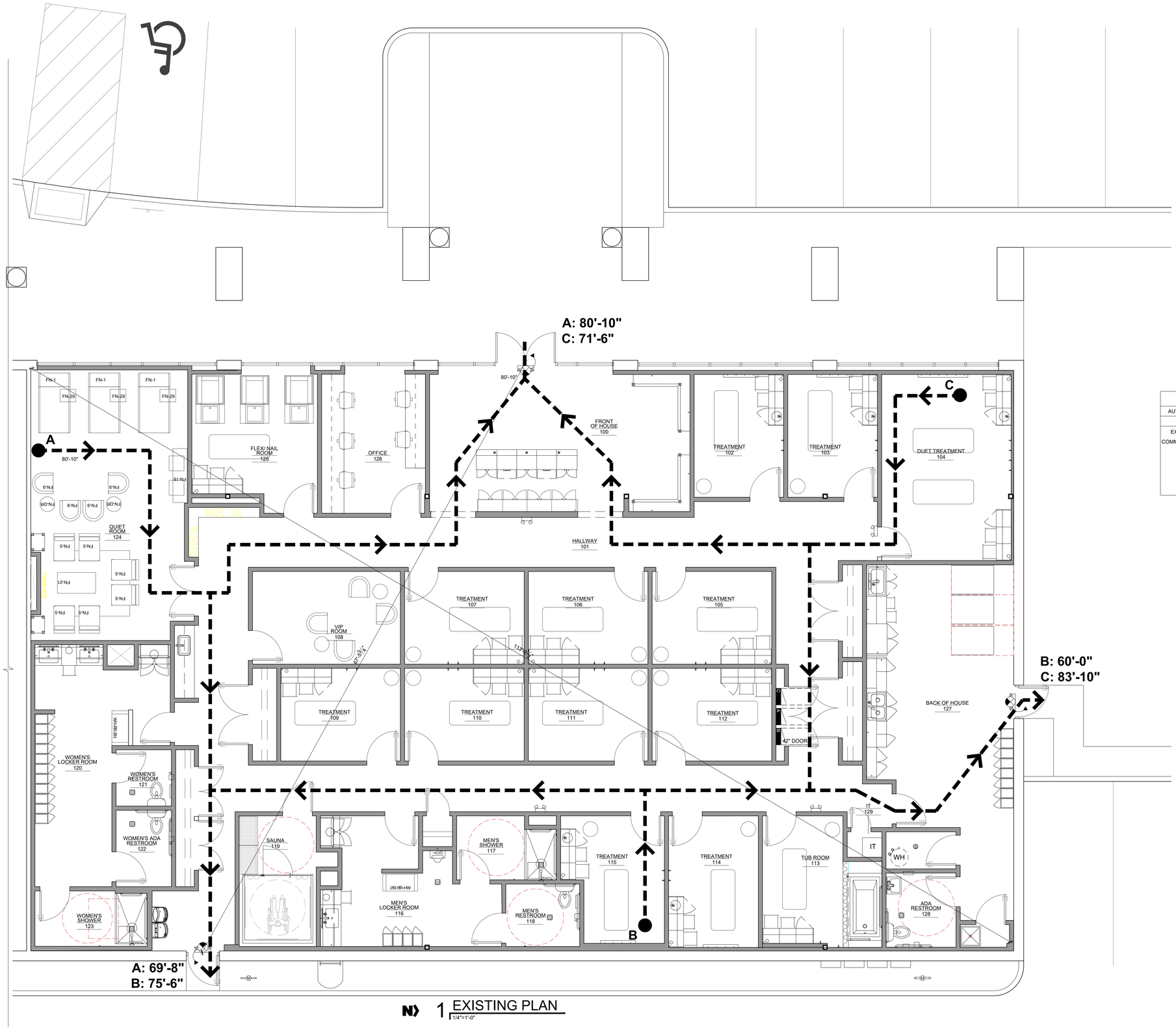
1. PROVIDE NON-SAG SEALANT COMPLYING WITH REQUIREMENTS OF FEDERAL SPECIFICATIONS TTS-1543 OR FS TT-S-230 TYPE "II", CLASS "A". PROVIDE ACOUSTICAL SEALANT WHICH SHALL BE NON-HARDENING, NON-DRYING SYNTHETIC RUBBER SEALING COMPOUND WITH MINIMUM 90% SOLIDS. USE AT ALL INTERIOR JOINTS AT INTERSECTIONS BETWEEN PLANES. AROUND DOOR & WINDOW FRAMES PRIMER SHALL BE MADE OR RECOMMENDED BY SEALANT MANUFACTURER FOR THE SPECIFIC CONDITIONS & SUBSTRATES.
2. PROVIDE BACKING MATERIAL BY DOW "ETHAFOAM" OR APPROVED EQUAL. APPLY SEALANT OVER BACKING TO UNIFORM DEPTHAND THICKNESS AS REQUIRED FILLING ALL JOINTS & VOIDS. SOLID. SUPERFICIAL POINTING WITH THE SKIM BEAD WILL NOT BE ACCEPTED. JOINTS OVER 1/4" IN WIDTH MUST BE REDUCED / ADJUSTED PRIOR TO SEALING. ALL GAPS WIDE ENOUGH TO ACCEPT A SLIP OF PAPER MUST BE SEALED.
3. ALL SURFACES SHALL BE ADEQUATELY CLEANED & PREPARED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS PRIOR TO INSTALLATION.
4. THE KEC. IS RESPONSIBLE FOR SEALING ALL KITCHEN EQUIPMENT PROVIDED W/ SANITARY SILICONE SEALANT, CLEAR OR WHITE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SEALING ALL OTHER GAPS INCLUDING, WOOD BASE TO VCT., LAMINATE PANELS TO TRIM, CASING, ETC. W/ CLEAR OR PAINTABLE SEALANT AT DRYWALL / PAINT AS REQUIRED & REQUESTED BY INSPECTORS & OWNER.
5. ALL PENETRATIONS IN MILLWORK ARE TO BE SEALED BY G.C. EXPOSED WOOD SURFACES IN CABINETS / COUNTERS ARE TO BE SEALED BY MILLWORK CONTRACTOR.

DIVISION 08 - WOOD & HOLLOW METAL DOORS & FRAMES

1. PROVIDE FULLY WELDED DOOR FRAMES AT ALL G.C. PROVIDED DOORS. FREE FROM SCALE & PITTING & OTHER SURFACE DEFECTS, UNLESS OTHERWISE NOTED.
2. PROVIDE HOLLOW METAL EXIT DOOR CONSTRUCTED WITH THE FOLLOWING MATERIALS:
   - MINIMUM 18 GA. FOR FACE SHEETS OF INTERIOR DOORS.
   - 16 GA. FOR EDGE CHANNELS.
   - MINIMUM 22 GA. FOR FACE STIFFENERS.
   - MINIMUM 16 GA. FOR INTERIOR FRAMES.
3. PROVIDE DOORS OF SIZES & TYPES INDICATED ON DRAWINGS, FULLY WELDED SEAMLESS CONSTRUCTION WITH NO VISIBLE SEAMS OR JOINTS ON FACES OR VERTICAL EDGES; THICKNESSES AS SCHEDULED ON DRAWINGS. DOOR TOPS TO BE ENCLOSED W/ NO OPEN CHANNEL.
4. FACE STIFFENERS, EDGES & HARDWARE REINFORCEMENT SHALL BE THE HIGHEST QUALITY WORKMANSHIP & MATERIALS. PROVIDE IN ACCORDANCE WITH BEST TRADE PRACTICE & MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR THE USE INTENDED.
5. HARDWARE REINFORCEMENT & ANCHORS (ERECTION, FLOOR & JAMB) SHALL BE AS REQUIRED FOR A SECURE INSTALLATION & SHALL BE IN ACCORDANCE WITH TRADE REQUIRE- MENTS FOR THE SPECIFIED HARDWARE & INTENDED USE.
6. AFTER FABRICATION, DRESS, FILL & SAND EXPOSED SURFACES, BODY-PUTTY HOLES & IMPERFECTIONS. APPLY UNIFORM COAT OF MANUFACTURER'S STANDARD PRIME COAT TO ALL EXPOSED SURFACES. LEAVE READY TO RECEIVE FINISH PAINTING.
7. INSTALL FRAMES IN ACCURATE LOCATIONS AS INDICATED ON DRAWINGS. INSTALL RIGID, PLUMB, LEVEL & TRUE. ALIGN WITH ADJACENT CONSTRUCTION. SECURE FLOOR ANCHORS TO FLOOR CONSTRUCTION WITH APPROVED TYPE MECHANICAL FASTENERS. ANCHOR TO ADJOINING WALLS WITH SPECIFIED ANCHORS. BRACE FRAMES TO RETAIN POSITION & CONTINUOUSLY CHECK ALIGNMENT DURING CONSTRUCTION OF ADJACENT WALLS. ADJUST FRAME LOCATIONS AS NECESSARY USING SHIMS BEFORE FASTENING. LEAVE READY TO RECEIVE SEALANT AS REQUIRED. INSTALL DOOR SILENCERS AT ALL INTERIOR FRAMES.
8. INSTALL WOOD DOORS, FRAMES, & TRIM. SIZES & THICKNESS AS SCHEDULED ON THE DRAWINGS.
9. PREPARE DOORS FOR FINISH HARDWARE. OBTAIN TEMPLATES FROM HARDWARE MANUFACTURER & CONFIRM TYPE, LOCATION & SPECIAL REQUIREMENTS OF HARDWARE FOR EACH DOOR PRIOR TO CUTTING.
10. HANG DOORS AS SCHEDULED ON DRAWINGS, IN ACCURATE LOCATIONS WITH 1/8" CLEARANCE AT TOPS & 3/8" CLEARANCE AT BOTTOM, UNLESS SPECIFICALLY NOTED FOR THUNDERSHOLDS OR OTHER CONDITIONS IN FIT. MAKE NO CUTS OR FITS UNLESS APPROVED. HANG PAIRS OF DOORS AS SPECIFIED WITH 3/32" CLEARANCE AT MEETING EDGES. DEMONSTRATE THAT DOORS OPEN FREELY WITHOUT BINDING, & WHEN CLOSED, WILL LATCH PROPERLY.
11. ACCESS DOORS TO BE PROVIDED BY GENERAL CONTRACTOR AS REQUIRED. PROVIDE ACCESS DOORS BY MILCOR OR EQUAL. USE STYLE DW AT WALLS & CEILINGS, (OR AS REQUIRED FOR RATING). SIZE AS INDICATED. FRAME SHALL BE GALVANIZED STEEL, DRYWALL BEAD FOR FRAME CONCEALMENT. PANEL SHALL BE 14GA. STEEL WITH SPRING TYPE CONCEALED HINGES OPENING TO 175 DEGREES. LOCKS SHALL BE FLUSH, SCREWDRIVER OPERATED WITH METAL CAN. PRIME COAT SHALL BE FACTORY APPLIED.
12. PROVIDE WEATHERSTRIPPING AT ALL EXTERIOR DOORS, AS REQUIRED TO PROVIDE NO VISIBLE LIGHT LEAKING. WEATHERSTRIPPING IS TO BE RESISTENCE TYPE. ADHERED RUBBER TYPE STRIPS ARE NOT ACCEPTABLE. PROVIDE VERTICAL BRUSH TYPE STRIP BETWEEN LEAFING EDGES AT DOUBLE DOORS.
13. THRESHOLDS ARE TO BE SEALED TO FLOOR AT ALL LOCATIONS.

HARDWARE

1. ALL FINISH HARDWARE FOR COMPLETE WORK SHALL BE FURNISHED & INSTALLED IN ACCORDANCE WITH DRAWINGS & SPECIFICATIONS. QUANTITIES LISTED, IN ANY INSTANCE, ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY & ARE NOT GUARANTEED. ITEMS NOT SPECIFICALLY MENTIONED BUT NECESSARY TO COMPLETE THE WORK SHALL BE FURNISHED MATCHING THE QUALITY & FINISH OF THE ITEMS SPECIFIED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER OPERATION & FITTING OF HARDWARE IN LOCATIONS SPECIFIED IN THE CONTRACT. ALL DOORS TO BE UNDER LOCK & KEY TO STORE ALL FINISH HARDWARE UNTIL INSTALLATION IS MADE. THE HARDWARE SUPPLIER MUST MARK EACH ITEM OF HARDWARE AS TO DESCRIPTION & LOCATION OF INSTALLATION IN ACCORDANCE WITH APPROVED HARDWARE SCHEDULE. EXPOSED SURFACES OF HARDWARE SHALL BE COVERED & WELL PROTECTED DURING INSTALLATION, SO AS TO AVOID DAMAGE TO FINISHES.
3. PROVIDE HARDWARE FOR FIRE-RATED OPENINGS IN COMPLIANCE WITH REQUIREMENTS OF NFPA 80. THIS REQUIREMENT TAKES PRECEDENCE OVER OTHER REQUIREMENTS FOR SUCH HARDWARE.
4. HARDWARE FINISH SHALL BE DARK BRONZE US -10B IN PUBLIC AREAS & SATIN CHROME IN NON-PUBLIC AREAS, U.N.O.
5. HARDWARE SUPPLIER WILL PROVIDE APPROVED SCHEDULED & PAPER TEMPLATES TO VARIOUS OTHER SUPPLIERS FOR DOOR & FRAME PREPARATION FOR HARDWARE.
6. FURNISH & FINISH HARDWARE, CYLINDERS & KEYS: "BEST" SEVEN PIN ROD.
7. EACH ITEM



N 1 EXISTING PLAN
1/4"=1'-0"

SYMBOL LEGEND

- EMERGENCY LIGHT
- EXIT SIGN
- COMBO EXIT SIGN EMERGENCY LIGHT
- COMBO EXIT SIGN EMERGENCY LIGHT WITH REMOTE HEAD
- ABC — TYPE ABC FIRE EXTINGUISHER
- EXIT — TACTILE EXIT SIGN, SEE DETAIL SHEET A8-6
- PATH OF EGRESS

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
- NEW 2 HOUR FIRE-RATED WALL
- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL
- EXISTING WALL TO BE DEMOLISHED

LIFE SAFETY INFORMATION

AUTOMATIC FIRE PROTECTION SYSTEM	YES	
EGRESS REQUIREMENTS	REQUIRED	PROVIDED
EXIT TRAVEL DISTANCE (TABLE 1017.2)	300' OR LESS	83'-10" MAX
COMMON PATH OF TRAVEL (TABLE 1006.1)	100' OR LESS	COMPLIES
EGRESS DOOR WIDTH	36" MIN	36"
EGRESS CORRIDOR WIDTH	36" MIN (OCC<50)	38" MIN
MINIMUM NUMBER OF EXITS	1 MIN (OCC<50)	3
MINIMUM EXIT WIDTH	36" MIN (OCC<50)	36" MIN. PROVIDED

N 01 LIFE SAFETY PLAN
1/4" = 1'-0"

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

CLIENT

WOODHOUSE SPAS - WILMINGTON, NC

PROJECT

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT
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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

SHEET TITLE & NUMBER

LIFE SAFETY PLAN

LS-01

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PLOTTED BY: KEVIN PASLEY
PLOT DATE: 3/4/2025 5:56 PM

SYMBOLS KEY

DRAWING TITLE TAG

XX NAME — DRAWING TITLE
NTS — DRAWING SCALE
DETAIL NUMBER
NORTH ARROW

DETAIL TAGS

DETAIL NUMBER
XX / XX
SHEET DESIGNATION

DETAIL TAGS

DETAIL NUMBER
XX / XX
SHEET DESIGNATION
DETAIL CALLOUT
SECTION TAG

XX / XXXX / XX
DETAIL NUMBER
SHEET DESIGNATION
INTERIOR ELEVATION TAG
EXTERIOR ELEVATION TAG

TAG SYMBOLS

XX
INTERIOR DOOR TAG
EQUIPMENT TAG
GLAZING / EXTERIOR DOOR TAG

ELEVATION ITEM
KEYNOTE TAG
REVISION TAG
R-XXX
R-XX-XX*
ELEVATION
ELEVATION TAG

WALL FINISH
XXXX / XXXX
BASE FINISH
FINISH TAG

FLOOR FINISH
XXX
FLOOR FINISH
FLOOR FINISH TAG

XX
WALL TYPE TAG

ROOM NAME
NM1
RM-NO
ROOM NUMBER
ROOM TAG

DRAWING SYMBOLS

XX
COLUMN TAG
MATCH LINE
CENTER LINE
BREAK LINE

RESPONSIBILITY SCHEDULE

PHASE	EXISTING	LANDLORD		TENANT GC		FRANCHISE OWNER		REMARKS
		FURNISH	INSTALL	FURNISH	INSTALL	FURNISH	INSTALL	
PRE-CONSTRUCTION								
PERMIT AND FEES (CITY/MALL)				X				GC TO SUBMIT CHANGE ORDER TWITH NO MARKUP FOR PERMIT COST
BARRICADE				X	X			
BARRICADE GRAPHICS					X	X		GC TO PROVIDE VERIFIED FIELD DIMENSIONS
TRASH REMOVAL / DUMPSTERS				X	X			
ASBESTOS & HAZARD ABATEMENT		X	X					ANY ASBESTOS OR HAZARDOUS MATERIALS DISCOVERED SHALL BE IMMEDIATELY REPORTED TO LANDLORD, FRANCHISE OWNER, WOODHOUSE, AND ARCHITECT. LANDLORD SHALL ABATE HAZARDS ACCORDING TO STATE AND FEDERAL REQUIREMENTS AND PROVIDE WRITTEN CERTIFICATION OF COMPLETION OF ABATEMENT.
GENERAL CONSTRUCTION								
DEMOLITION				X	X			
DEMISING WALLS - METAL STUDS	X							IF NOT EXISTING, CONFIRM IF LANDLORD SCOPE, OTHERWISE INSTALL
DEMISING WALLS - GYP BOARD	X							IF NOT EXISTING, CONFIRM IF LANDLORD SCOPE, OTHERWISE INSTALL
DEMISING WALLS - INSULATION	X							IF NOT EXISTING, CONFIRM IF LANDLORD SCOPE, OTHERWISE INSTALL
INTERIOR WALLS - STUDS				X	X			
INTERIOR WALLS - GYP BOARD				X	X			
INTERIOR WALLS - INSULATION				X	X			
ACT CEILING AND GRID				X	X			
HARD CEILING - FRAMING				X	X			
HARD CEILING - GYP BOARD				X	X			
AXIOM COVE				X	X			
TREATMENT ROOM CEILING PLANKS				X	X			
CEILING BEAMS - ENTRY AND QUIET ROOM				X	X			
DOORS AND FRAMES				X	X			
DOOR HARDWARE				X	X			
REAR SERVICE DOOR	X							
PAINTING				X	X			
WALL COVERINGS				X	X			
FOCAL WALL (MOSS WALL)				X	X			
FLOOR PREPARATION				X	X			
FLOOR PROTECTION				X	X			
FLOORING TRANSITIONS				X	X			
SALT ROOM AND ALL COMPONENTS				X	X			
WALL BASE				X	X			
LVT FLOORING				X	X			
TILE WALL AND FLOORING				X	X			
CARPET/WALK-OFF MAT				X	X			
INTERIOR SIGNAGE						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
ELECTRICAL								
ELECTRICAL SERVICE	X							GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
METER SOCKETS	X							GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
ELECTRICAL PANELS	X							GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
TRANSFORMERS				X	X			GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
MAIN SIGN WHIP				X	X			
WIRING, CIRCUITING, DEVICES				X	X			
ELECTRICAL CONTROL SYSTEMS (EMS)				X	X			
EMERGENCY & EXIT LIGHTING				X	X			LIGHTING PACKAGE SUPPLIED BY OWNER'S VENDOR (REQUIRED)
LIGHT FIXTURES				X	X			LIGHTING PACKAGE SUPPLIED BY OWNER'S VENDOR (REQUIRED)
LAMPS				X	X			LIGHTING PACKAGE SUPPLIED BY OWNER'S VENDOR (REQUIRED)
CASH WRAP WIRING				X	X			
FIRE ALARM SYSTEMS				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
TELECOM / DATA WIRING						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
CONDUIT				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
POS / TELEPHONE SYSTEM						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
SECURITY ALARM SYSTEM / CCTV						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
SOUND SYSTEM / SOUND MASKING						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
TRENCHING/CORING (ELECTRICAL)				X	X			
MECHANICAL								
HVAC UNITS				X	X			GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
ROOF WORK				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
DOMESTIC WATER SERVICE	X							UNLESS OTHERWISE NOTED IN WORK LETTER OR LEASE
GAS SERVICE	X							UNLESS OTHERWISE NOTED IN WORK LETTER OR LEASE
HVAC UNIT CURB				X	X			UNLESS OTHERWISE NOTED IN WORK LETTER OR LEASE
HVAC DISTRIBUTION				X	X			
AIR BALANCING				X	X			
EXHAUST FANS AND VENTING				X	X			
DUCT DETECTORS				X	X			
SMOKE EVACUATION SYSTEM				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
FIRE SPRINKLER SERVICE & MAIN(S)	X							GC TO CONFIRM IF LANDLORD SUB REQUIRED
FIRE SPRINKLER MODIFICATIONS				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
PLUMBING								
TRENCHING/CORING (PLUMBING)				X	X			
HOT WATER HEATER				X	X			
PLUMBING FIXTURES				X	X			
FIXTURES & FURNISHINGS								
MILLWORK PACKAGE						X	X	OWNER'S MILLWORKER SUPPLY AND INSTALL
MILLWORK PLUMBING AND POWER CONNECTIONS					X	X		OWNER'S MILLWORKER TO SUPPLY SINKS ONLY, GC MAKE CONNECTIONS
BOH AND OFFICE MILLWORK						X	X	UNLESS NOTED OTHERWISE IN DRAWINGS
CLOSET SHELVING AND MILLWORK				X	X			
DELIVERY, UNBOXING, PLACING SEATING EQUIPMENT & TABLES					X	X		
LANDSCAPING, PLANTERS, ETC.				X	X			
INTERIOR PLANTS / GREENERY						X	X	
DRAPERY					X	X		
SLATWALL				X	X			
TOILET ROOM ACCESSORIES				X	X			
REFRIGERATORS, COOLERS, DISHWASHER, ICEMAKER, INSTA-HOT				X	X			
SAUNA, SALT UNIT, VITALITY BOOTH, REDLIGHT BEDS					X	X		
STOREFRONT								
STORE FRONT SIGNAGE						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
NEUTRAL PIERS & LANDLORD BULKHEAD				X	X			COORDINATE MATERIALS WITH LANDLORD
STORE FRONT SYSTEM	X							UNLESS NOTED OTHERWISE IN THE DRAWINGS
STORE FRONT GLASS	X							UNLESS NOTED OTHERWISE IN THE DRAWINGS
STORE FRONT DOORS, HARDWARE, CLADDING, NICHIHA				X	X			
ENTRANCE TILES				X	X			COODINATE WITH LANDLORD
BLADE SIGN						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
POST CONSTRUCTION								
FIRE EXTINGUISHERS				X	X			
FINAL CLEANING - OCCUPANCY PREP				X	X			1 FINAL CONSTRUCTION CLEANING PRIOR TO TURNOVER, 1 TOUCH-UP CLEAN PRIOR TO OPENING
POST CONSTRUCTION DUMPSTERS				X	X			
CERTIFICATE OF OCCUPANCY (TEMP AND OFFICIAL)				X	X			
CERTIFIED AS-BUILT SUBMITTALS (ARCH, MEP, FP)				X	X			MUST BE PROVIDED NO LATER THAN 2 WEEKS AFTER TURNOVER
GC WARRANTY SUBMITTED TO FRANCHISEE AND WOODHOUSE				X	X			MUST BE SUBMITTED BY GC AT TURNOVER
ALL WARRANTY BOOKS AND PAPERWORK COMPLETED				X	X			MUST BE PROVIDED NO LATER THAN 2 WEEKS AFTER TURNOVER
OPERATION MANUALS PROVIDED				X	X			MUST BE PROVIDED NO LATER THAN 2 WEEKS AFTER TURNOVER

NOTES:

1. ITEMS LISTED IN THE WORK LETTER AND IN THE BID CLARIFICATIONS SUPERCEDE ITEMS LISTED IN THE SCHEDULE ABOVE.
2. ANY AND ALL REFERENCES TO THE SCOPE APPLY TO G.C. UNLESS SPECIFICALLY NOTED OTHERWISE OR "BY LANDLORD"
3. FOR ANY CONFLICT OR DESCREPENCIES BETWEEN THIS SCHEDULE AND ANOTHER CONTRACT DOCUMENT, THE DOCUMENT THAT INDICATES OR IMPLIES AN ITEM IS G.C. SCOPE SHALL APPLY.
4. INTERIOR FITOUT OF CLOSETS TO BE FURNISHED AND INSTALLED BY MILLWORKER

5. THE G.C. AND EACH SUB-CONTRACTOR WILL BE RESPONSIBLE FOR REVIEWING THE CONTRACT DOCUMENTS IN FULL AND IDENTIFYING THEIR RESPECTIVE SCOPES OF WORK. WORK INDICATED OR IMPLIED ON THE DRAWINGS AND/OR REQUIRED FOR COMPLETE OPERATION AND/OR REQUIRED FOR CODE COMPLIANT INSTALLATION SHALL BE DEEMED AS INCLUDED IN THE CONTRACTOR AND SUB-CONTRACTOR CONTRACT SUM.

ABBREVIATIONS

anchor bolt		EXIST	existing	MAINT	maintenance	RMV	remove
ABV	above	EXT	exterior	MAS	masonry	RO	rough opening
AD	area drain			MAX	maximum		
AFF	above finish floor	F/	face of	MECH	mechanical	S	South
ALUM	aluminum	FA	fire alarm	MTL	metal	SAFB	sound attenuation fire batt insulation
ANN	annunciator	FCO	floor clean out	MEZZ	mezzanine	SAN	sanitary
APROX	approximate	FD	floor drain	MFR	manufacturer	SECT	section
ARCH	architectural	FNDN	foundation	MIN	minimum	SF	square foot (feet)
AUTO	automatic	FF	finish floor	MISC	miscellaneous	SIM	similar
AVE	avenue	FLR	floor	MM	millimeter	SQ	square
AWG	American wire gauge	FT	foot (feet)	MO	masonry opening	SS	stainless steel
		FTG	footing	MULL	mullion	STC	sound transmission class
B/	bottom of	FURR	furring			STD	standard
BIT	bituminous			N	North	STL	steel
BLDG	building	GA	gauge	N.I.C.	not in contract	STRUCT	structural
		GALV	galvanized	NO.	number		
CL	center line	GND	ground	NOM	nominal	T	tread
CLG	ceiling	GWB	gypsum wall board	NTS	not to scale	T/	top of
CM	centimeter	GYP	gypsum			T&B	top and bottom
CMU	concrete masonry unit			OA	overall	T&G	tongue and groove
CO	cleanout	HB	hose bib	OC	on center	TEL	telephone
COL	column	HDWH	hardwood	OD	outside diameter	TEMP	tempered
CONC	concrete	HDWR	hardware	OH	overhead	TOPO	topography(ic)
CONT	continuous	HR	hour	OPNG	opening	TYP	typical
COORD	coordinate	HT	height				
CNTR	center	HW	hot water	PL	plate	UNO	unless noted otherwise
CU	cubic			P-LAM	plastic laminate	UTIL	utility
CW	cold water	ID	inside diameter	PLBG	plumbing		
		IN	inches	PLUMB	plumbing	VAC	vacuum
DBL	double	INCL	include(d)(ing)	PNL	panel	VTR	vent through roof
DEG	degree	INSUL	insulation	PNT	paint	VIF	verify in field
DEMO	demolish	INT	interior	PT	pressure treated		
DEPT	department					W	West
DET	detail	KO	knockout	QT	quarry tile	W/	with
DIA	diameter	KIT	kitchen			WO	without
DIAG	diagonal			R	riser	WC	water closet
DN	down	LAM	laminate(s)	RD	roof drain	WH	water heater
DS	downspout	LAV	lavatory	REF	refrigerator	WIN	window
DWG	drawing	LB(S)	pound(s)	REINF	reinforced	WWF	welded wire fabric
		LL	landlord	REQ'D	required		
E	East	LT	light	REV	revision	YD	yard
ELEC	electrical			RFG	roofing		
EM	emergency	M	meter	RM	room		

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MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC
1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

CLIENT

PROJECT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT
DxU ARCHITECTS
412 S. Wells Street • Chicago • IL 60607
T 312 913 0234 • F 312 913 0238

CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

TITLE SHEET

T1-01

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006888 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2023 2:31 PM PLOTTED BY: KEVIN PASLEY

SYMBOLS KEY

DRAWING TITLE TAG

XX NAME — DRAWING TITLE
NTS — DRAWING SCALE
DETAIL NUMBER
NORTH ARROW

DETAIL TAGS

DETAIL NUMBER
XX / XX
SHEET DESIGNATION

DETAIL TAGS

DETAIL NUMBER
XX / XX
SHEET DESIGNATION
DETAIL CALLOUT
SECTION TAG

XX / XXXX / XX
DETAIL NUMBER
SHEET DESIGNATION
INTERIOR ELEVATION TAG
EXTERIOR ELEVATION TAG

TAG SYMBOLS

XX
INTERIOR DOOR TAG
EQUIPMENT TAG
GLAZING / EXTERIOR DOOR TAG

ELEVATION ITEM
KEYNOTE TAG
REVISION TAG
R-XXX
R-XX-XX*
ELEVATION
ELEVATION TAG

WALL FINISH
XXXX / XXXX
BASE FINISH
FINISH TAG

FLOOR FINISH
XXX
FLOOR FINISH
FLOOR FINISH TAG

XX
WALL TYPE TAG

ROOM NAME
NM1
RM-NO
ROOM NUMBER
ROOM TAG

DRAWING SYMBOLS

XX
COLUMN TAG
MATCH LINE
CENTER LINE
BREAK LINE

RESPONSIBILITY SCHEDULE

PHASE	EXISTING	LANDLORD		TENANT GC		FRANCHISE OWNER		REMARKS
		FURNISH	INSTALL	FURNISH	INSTALL	FURNISH	INSTALL	
PRE-CONSTRUCTION								
PERMIT AND FEES (CITY/MALL)				X				GC TO SUBMIT CHANGE ORDER TWITH NO MARKUP FOR PERMIT COST
BARRICADE				X	X			
BARRICADE GRAPHICS					X	X		GC TO PROVIDE VERIFIED FIELD DIMENSIONS
TRASH REMOVAL / DUMPSTERS				X	X			
ASBESTOS & HAZARD ABATEMENT		X	X					ANY ASBESTOS OR HAZARDOUS MATERIALS DISCOVERED SHALL BE IMMEDIATELY REPORTED TO LANDLORD, FRANCHISE OWNER, WOODHOUSE, AND ARCHITECT. LANDLORD SHALL ABATE HAZARDS ACCORDING TO STATE AND FEDERAL REQUIREMENTS AND PROVIDE WRITTEN CERTIFICATION OF COMPLETION OF ABATEMENT.
GENERAL CONSTRUCTION								
DEMOLITION				X	X			
DEMISING WALLS - METAL STUDS	X							IF NOT EXISTING, CONFIRM IF LANDLORD SCOPE, OTHERWISE INSTALL
DEMISING WALLS - GYP BOARD	X							IF NOT EXISTING, CONFIRM IF LANDLORD SCOPE, OTHERWISE INSTALL
DEMISING WALLS - INSULATION	X							IF NOT EXISTING, CONFIRM IF LANDLORD SCOPE, OTHERWISE INSTALL
INTERIOR WALLS - STUDS				X	X			
INTERIOR WALLS - GYP BOARD				X	X			
INTERIOR WALLS - INSULATION				X	X			
ACT CEILING AND GRID				X	X			
HARD CEILING - FRAMING				X	X			
HARD CEILING - GYP BOARD				X	X			
AXIOM COVE				X	X			
TREATMENT ROOM CEILING PLANKS				X	X			
CEILING BEAMS - ENTRY AND QUIET ROOM				X	X			
DOORS AND FRAMES				X	X			
DOOR HARDWARE				X	X			
REAR SERVICE DOOR	X							
PAINTING				X	X			
WALL COVERINGS				X	X			
FOCAL WALL (MOSS WALL)				X	X			
FLOOR PREPARATION				X	X			
FLOOR PROTECTION				X	X			
FLOORING TRANSITIONS				X	X			
SALT ROOM AND ALL COMPONENTS				X	X			
WALL BASE				X	X			
LVT FLOORING				X	X			
TILE WALL AND FLOORING				X	X			
CARPET/WALK-OFF MAT				X	X			
INTERIOR SIGNAGE						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
ELECTRICAL								
ELECTRICAL SERVICE	X							GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
METER SOCKETS	X							GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
ELECTRICAL PANELS	X							GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
TRANSFORMERS				X	X			GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
MAIN SIGN WHIP				X	X			
WIRING, CIRCUITING, DEVICES				X	X			
ELECTRICAL CONTROL SYSTEMS (EMS)				X	X			
EMERGENCY & EXIT LIGHTING				X	X			LIGHTING PACKAGE SUPPLIED BY OWNER'S VENDOR (REQUIRED)
LIGHT FIXTURES				X	X			LIGHTING PACKAGE SUPPLIED BY OWNER'S VENDOR (REQUIRED)
LAMPS				X	X			LIGHTING PACKAGE SUPPLIED BY OWNER'S VENDOR (REQUIRED)
CASH WRAP WIRING				X	X			
FIRE ALARM SYSTEMS				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
TELECOM / DATA WIRING						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
CONDUIT				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
POS / TELEPHONE SYSTEM						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
SECURITY ALARM SYSTEM / CCTV						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
SOUND SYSTEM / SOUND MASKING						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
TRENCHING/CORING (ELECTRICAL)				X	X			
MECHANICAL								
HVAC UNITS				X	X			GC SHALL CONFIRM RESPONSIBILITY WITH ARCHITECT
ROOF WORK				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
DOMESTIC WATER SERVICE	X							UNLESS OTHERWISE NOTED IN WORK LETTER OR LEASE
GAS SERVICE	X							UNLESS OTHERWISE NOTED IN WORK LETTER OR LEASE
HVAC UNIT CURB				X	X			UNLESS OTHERWISE NOTED IN WORK LETTER OR LEASE
HVAC DISTRIBUTION				X	X			
AIR BALANCING				X	X			
EXHAUST FANS AND VENTING				X	X			
DUCT DETECTORS				X	X			
SMOKE EVACUATION SYSTEM				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
FIRE SPRINKLER SERVICE & MAIN(S)	X							GC TO CONFIRM IF LANDLORD SUB REQUIRED
FIRE SPRINKLER MODIFICATIONS				X	X			GC TO CONFIRM IF LANDLORD SUB REQUIRED
PLUMBING								
TRENCHING/CORING (PLUMBING)				X	X			
HOT WATER HEATER				X	X			
PLUMBING FIXTURES				X	X			
FIXTURES & FURNISHINGS								
MILLWORK PACKAGE						X	X	OWNER'S MILLWORKER SUPPLY AND INSTALL
MILLWORK PLUMBING AND POWER CONNECTIONS					X	X		OWNER'S MILLWORKER TO SUPPLY SINKS ONLY, GC MAKE CONNECTIONS
BOH AND OFFICE MILLWORK						X	X	UNLESS NOTED OTHERWISE IN DRAWINGS
CLOSET SHELVING AND MILLWORK				X	X			
DELIVERY, UNBOXING, PLACING SEATING EQUIPMENT & TABLES					X	X		
LANDSCAPING, PLANTERS, ETC.				X	X			
INTERIOR PLANTS / GREENERY						X	X	
DRAPERY					X	X		
SLATWALL				X	X			
TOILET ROOM ACCESSORIES				X	X			
REFRIGERATORS, COOLERS, DISHWASHER, ICEMAKER, INSTA-HOT				X	X			
SAUNA, SALT UNIT, VITALITY BOOTH, REDLIGHT BEDS					X	X		
STOREFRONT								
STORE FRONT SIGNAGE						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
NEUTRAL PIERS & LANDLORD BULKHEAD				X	X			COORDINATE MATERIALS WITH LANDLORD
STORE FRONT SYSTEM	X							UNLESS NOTED OTHERWISE IN THE DRAWINGS
STORE FRONT GLASS	X							UNLESS NOTED OTHERWISE IN THE DRAWINGS
STORE FRONT DOORS, HARDWARE, CLADDING, NICHIHA				X	X			
ENTRANCE TILES				X	X			COODINATE WITH LANDLORD
BLADE SIGN						X	X	GC TO COORDINATE INSTALL DATES WITH OWNER'S VENDOR
POST CONSTRUCTION								
FIRE EXTINGUISHERS				X	X			
FINAL CLEANING - OCCUPANCY PREP				X	X			1 FINAL CONSTRUCTION CLEANING PRIOR TO TURNOVER, 1 TOUCH-UP CLEAN PRIOR TO OPENING
POST CONSTRUCTION DUMPSTERS				X	X			
CERTIFICATE OF OCCUPANCY (TEMP AND OFFICIAL)				X	X			
CERTIFIED AS-BUILT SUBMITTALS (ARCH, MEP, FP)				X	X			MUST BE PROVIDED NO LATER THAN 2 WEEKS AFTER TURNOVER
GC WARRANTY SUBMITTED TO FRANCHISEE AND WOODHOUSE				X	X			MUST BE SUBMITTED BY GC AT TURNOVER
ALL WARRANTY BOOKS AND PAPERWORK COMPLETED				X	X			MUST BE PROVIDED NO LATER THAN 2 WEEKS AFTER TURNOVER
OPERATION MANUALS PROVIDED				X	X			MUST BE PROVIDED NO LATER THAN 2 WEEKS AFTER TURNOVER

NOTES:

1. ITEMS LISTED IN THE WORK LETTER AND IN THE BID CLARIFICATIONS SUPERCEDE ITEMS LISTED IN THE SCHEDULE ABOVE.
2. ANY AND ALL REFERENCES TO THE SCOPE APPLY TO G.C. UNLESS SPECIFICALLY NOTED OTHERWISE OR "BY LANDLORD"
3. FOR ANY CONFLICT OR DESCREPENCIES BETWEEN THIS SCHEDULE AND ANOTHER CONTRACT DOCUMENT, THE DOCUMENT THAT INDICATES OR IMPLIES AN ITEM IS G.C. SCOPE SHALL APPLY.
4. INTERIOR FITOUT OF CLOSETS TO BE FURNISHED AND INSTALLED BY MILLWORKER

5. THE G.C. AND EACH SUB-CONTRACTOR WILL BE RESPONSIBLE FOR REVIEWING THE CONTRACT DOCUMENTS IN FULL AND IDENTIFYING THEIR RESPECTIVE SCOPES OF WORK. WORK INDICATED OR IMPLIED ON THE DRAWINGS AND/OR REQUIRED FOR COMPLETE OPERATION AND/OR REQUIRED FOR CODE COMPLIANT INSTALLATION SHALL BE DEEMED AS INCLUDED IN THE CONTRACTOR AND SUB-CONTRACTOR CONTRACT SUM.

ABBREVIATIONS

anchor bolt		EXIST	existing	MAINT	maintenance	RMV	remove
ABV	above	EXT	exterior	MAS	masonry	RO	rough opening
AD	area drain			MAX	maximum		
AFF	above finish floor	F/	face of	MECH	mechanical	S	South
ALUM	aluminum	FA	fire alarm	MTL	metal	SAFB	sound attenuation fire batt insulation
ANN	annunciator	FCO	floor clean out	MEZZ	mezzanine	SAN	sanitary
APROX	approximate	FD	floor drain	MFR	manufacturer	SECT	section
ARCH	architectural	FNDN	foundation	MIN	minimum	SF	square foot (feet)
AUTO	automatic	FF	finish floor	MISC	miscellaneous	SIM	similar
AVE	avenue	FLR	floor	MM	millimeter	SQ	square
AWG	American wire gauge	FT	foot (feet)	MO	masonry opening	SS	stainless steel
		FTG	footing	MULL	mullion	STC	sound transmission class
B/	bottom of	FURR	furring			STD	standard
BIT	bituminous			N	North	STL	steel
BLDG	building	GA	gauge	N.I.C.	not in contract	STRUCT	structural
		GALV	galvanized	NO.	number		
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					A5-12	INTERIOR ELEVATIONS
					A5-13	ENLARGED RESTROOM PLANS & ELEVATIONS
					A5-14	ENLARGED RESTROOM PLANS & ELEVATIONS
					A5-15	ENLARGED RESTROOM PLANS & ELEVATIONS
					A8-1	WALL TYPES
					A8-1A	WALL DETAILS

REV 5	REV 4	REV 3	REV 2	REV 1		
					A8-2	EQUIPMENT & FURNITURE SCHEDULES
					A8-3	FINISH SCHEDULES
					A8-4	FINISH SCHEDULES
					A8-5	DOOR SCHEDULES AND DETAILS
					A8-6	DOOR DETAILS
					MECHANICAL	
					M-0	MECHANICAL DEMOLITION PLAN
					M-1	MECHANICAL FLOOR PLAN
					M-2	MECHANICAL SCHEDULES
					M-2.1	MECHANICAL DETAILS & NOTES
					M-3	MECHANICAL SPECIFICATIONS
					PLUMBING	
					P-0	PLUMBING DEMOLITION PLAN
					P-1	PLUMBING FLOOR PLAN
					P-2	PLUMBING SCHEDULES
					P-2.1	PLUMBING DETAILS & NOTES
					P-2.2	PLUMBING RISER DIAGRAMS
					P-3	PLUMBING SPECIFICATIONS
					ELECTRICAL	
					E-0	ELECTRICAL DEMOLITION PLAN
					E-1	ELECTRICAL POWER PLAN
					E-1.1	ELECTRICAL LIGHTING PLAN
					E-2	ELECTRICAL SCHEDULES
					E-2.1	ELECTRICAL SCHEDULES, NOTES, & RISER DIA.
					E-3	ELECTRICAL SPECIFICATIONS

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CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

TITLE SHEET

T1-01

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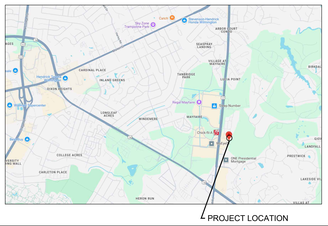
PLOT DATE: 3/4/2023 2:31 PM PLOTTED BY: KEVIN PASLEY

PROXIMITY MAP



SCALE = NTS

OCCUPANCY CALCULATION

OCCUPANCY LOAD CALCULATION

AREA DESCRIPTION:	AREA	AREA PER OCCUPANT	TOTAL OCCUPANTS
TREATMENT AREAS	2,326	150 GROSS	16
STORAGE AREAS	620	300 GROSS	3
LOCKER ROOM	659	50 GROSS	14
MERCANTILE AREA	364	60 GROSS	7
OFFICE	145	150 GROSS	1
TOTAL			41

SEE SHEET LS1-1 FOR EGRESS PLANS

BUILDING CODES

* BUILDING	2018 NORTH CAROLINA BUILDING CODE
* MECHANICAL	2018 NORTH CAROLINA MECHANICAL CODE
* ELECTRICAL	2023 NORTH CAROLINA ELECTRICAL CODE
* PLUMBING	2018 NORTH CAROLINA PLUMBING CODE
* ENERGY	2018 NORTH CAROLINA ENERGY CONSERVATION CODE
* FUEL GAS	2018 NORTH CAROLINA FUEL & GAS CODE
* FIRE CODE	2018 NORTH CAROLINA FIRE PREVENTION CODE
* GREEN BUILDING	2018 NORTH CAROLINA ENERGY CONSERVATION CODE
* LIFE SAFETY	2018 NORTH CAROLINA FIRE PREVENTION CODE
* ACCESSIBILITY CODE	2009 NORTH CAROLINA ACCESSIBILITY CODE

AS AMENDED WITH ALL CITY AMENDMENTS & CODES

ADA COMPLIANCE NOTES

ADA COMPLIANT SERVICE AREA:	REQUIREMENT CALCULATION	PROVIDED
LAVATORY	ADA ACCESSIBLE WITH SCALD PROTECTION	YES
DRINKING FOUNTAIN	ADA ACCESSIBLE (HI/ LO)	YES
LOCKERS	5% OF 30 = 2	2
CHECK IN DESK	36" LINEAR AT 34" HEIGHT MAX	YES
SHOWER	ROLL-IN ACCESSIBLE	YES
BATHTUB	ADA ACCESSIBLE	YES

ACCESSIBILITY NOTES: PROJECT MUST FULLY COMPLY & MEET ALL ACCESSIBILITY REQUIREMENTS OF THE AMERICAN DISABILITIES ACT, THE LOCAL CODE ACCESSIBILITY CODE & THE 2018 INTERNATIONAL BUILDING CODE (MOST RESTRICTIVE REQUIREMENTS GOVERN).

PLUMBING REQUIREMENTS

MIN. NO. OF PLUMBING FIXTURES	REQUIREMENT CALCULATION MALE	REQUIREMENT CALCULATION FEMALE	PROVIDED MALE	PROVIDED FEMALE
OCCUPANCY LOAD (PER CPC CH. 4, TABLE 4-1)	20	21		
WATER CLOSETS:	1 TO 25 = 1	1 TO 40 =1	2	2
URINALS:	NOT REQUIRED		1	
LAVATORIES:	1 TO 40 = 1	1 TO 40 = 1	1	2
DRINKING FOUNTAINS:	1 TO 100 = 1		1 HI/LO	
SERVICE SINK:	1		1	

PROJECT DESCRIPTION

WELLNESS SPA - TENANT IMPROVEMENT OF AN EXISTING TENANT SPACE. WORK TO INCLUDE NON-BEARING INTERIOR PARTITIONS, ACCESSIBLE RESTROOMS, MILLWORK, PLUMBING, MECHANICAL, AND ELECTRICAL DISTRBUTION. NEW FINISHES THROUGHOUT.

CODE MATRIX

ZONING CLASSIFICATION:	COMMUNITY BUSINESS DISTRICT (CB)			
PERMITTED USES:	SPA & HEALTH SERVICES; RETAIL SALES			
SEISMIC ZONE:	ZONE 1			
OCCUPANCY CLASSIFICATION	B			
BUILDING HEIGHT:	ALLOWABLE: 40'-0"		PROPOSED: NO CHANGE	
BUILDING HEIGHT INCREASES:	NO CHANGE			
BUILDING AREA:	ALLOWABLE: 6,011		PROPOSED: NO CHANGE	
BUILDING AREA INCREASES:	NO CHANGE			
TENANT AREA (AREA OF WORK)	6,011 SF			
CONSTRUCTION TYPE	II-B			
SEPARATED USES:	NONE			

BUILDING FIRE RESISTANCE RATING REQUIREMENTS

TABLE 601	REQUIRED (HR)	PROVIDED (HR)	NOTES:
STRUCTURAL FRAME	0	0 (EXIST)	
BEARING WALLS, EXTERIOR	2	2 (EXIST)	
BEARING WALLS, INTERIOR	0	0 (EXIST)	
NON-BEARING WALLS, EXTERIOR	0	0 (EXIST)	
NON-BEARING WALLS, INTERIOR	0	0 (EXIST)	
FLOOR CONSTRUCTION	0	0 (EXIST)	
ROOF CONSTRUCTION	0	0 (EXIST)	

INTERIOR FINISHES: ALL INTERIOR FINISHES/MATERIALS SHALL COMPLY WITH TABLE 803.13 FOR FLAME SPREAD RATING AND SMOKE-DEVELOPED INDEX

ADDITIONAL NOTES: INTERIOR FINISHES OF EXIT ENCLOSURES AND CORRIDORS WITHIN THE TENANT BUILD-OUT SHALL BE OF CLASS B MATERIALS AND FINISHES WITHIN ROOMS SHALL BE PERMITTED TO BE OF CLASS C MATERIALS

OCCUPANCY DIAGRAM

1 EXISTING PLAN 1/4"=1'-0"

LEGEND

- TREATMENT ROOMS, 150 GROSS (BUSINESS)
- LOBBY & SHOP, 60 GROSS (MERCANTILE)
- LOCKER ROOMS, 50 GROSS (LOCKER ROOMS)
- OFFICE ROOMS, 150 GROSS (BUSINESS)
- STORAGE AREAS, 300 GROSS (ACCESSORY)

CONTRACTOR TO PROVIDE A DURABLE OCCUPANT LOAD SIGN POSTED IN A PROMINENT LOCATION NEAR THE MAIN EXIT, AS REQUIRED PER NFPA 101. VERIFY LOCATION WITH FIRE CODE INSPECTOR

1 EXISTING PLAN 1/4"=1'-0"

SCALE = NTS

GENERAL REQUIREMENTS

LANDLORD'S INSTRUCTIONS

PURPOSE:

THE FOLLOWING IS A LIST OF SOME OF THE LANDLORD'S INSTRUCTIONS TO GENERAL CONTRACTORS AND HIS/HER SUBCONTRACTORS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN LANDLORD'S COMPLETE REQUIREMENTS AND MAKE SURE THAT THE LANDLORD'S POLICIES ARE MET.

ROOF PENETRATIONS:

INSTRUCT ALL SUB-CONTRACTORS THAT ANYTHING THAT NEEDS TO BE ATTACHED ABOVE THE CEILING SHOULD BE ATTACHED TO THE ROOF STRUCTURE, NOT THE DECKING. ALL ROOF PENETRATIONS SHALL BE DONE BY LANDLORDS ROOFING CONTRACTOR TO MAINTAIN WARRANTY.

STRUCTURAL ELEMENTS:

DO NOT MAKE ANY CUTS TO ANY OF THE BUILDING ELEMENTS WITHOUT VERIFYING WHETHER OR NOT IT IS A STRUCTURAL ELEMENT. THIS INCLUDES ROOF BEAMS, ROOF DECK, MASONRY WALLS AND THE CONCRETE SLAB.

IF YOU HAVE ANY QUESTIONS REGARDING THE ABOVE INFORMATION, PLEASE CONTACT THE LANDLORD. LANDLORD CONTACT INFORMATION IS FOUND ON THE COVER SHEET.

A/C STARTUP:

CONTACT THE LANDLORD FOR ANY REQUIREMENTS ON THE START-UP OF LANDLORD PROVIDED HVAC UNITS.

FIRE SYSTEM MONITORING: (IF REQUIRED)

VERIFY IF THE LANDLORD IS MONITORING THE FLOW AND TAMPER SWITCHES FOR THE SHELL BUILDING. IF THE SYSTEM IS OPERATIONAL, YOU MUST CONTACT THE LANDLORD PRIOR TO TAKING DOWN THE SYSTEM.

ANY FINES CHARGED BY THE FIRE DEPARTMENT FOR FALSE ALARMS WILL BE CHARGED BACK TO THE TENANT'S GENERAL CONTRACTOR.

ARCHITECT'S INSTRUCTIONS

SUBMITTALS:

IF ALTERNATE EQUIPMENT IS PROPOSED DUE TO LEAD TIME, THE ARCHITECT OR ENGINEER MAY REQUEST PAYMENT FROM G.C. FOR REVIEW OF THE SUBMITTAL. GENERAL CONTRACTOR MUST VERIFY LONG LEAD ITEMS AT START OF PROJECT TO AVOID DELAYS & ALTERNATES.

AS BUILTS:

THE GENERAL CONTRACTOR SHALL RED LINE ALL FIELD CHANGES ON A SET OF PRINTS TO REMAIN ON SITE THROUGHOUT THE CONSTRUCTION OF THE PROJECT. IT IS THE GC'S RESPONSIBILITY TO RECORD ALL FIELD CHANGES AND SUBMIT THE 'AS BUILTS' TO THE CLIENT AT TURNOVER, AND TO THE AOR AND MUNICIPALITY IF/AS REQUIRED.

G.C. COMPLIANCE

OWNER'S GENERAL CONTRACTOR SHALL VISIT THE PREMISES AND VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND SHALL REPORT ALL DISCREPANCIES TO TENANT'S ARCHITECT. TENANT'S GENERAL CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS REGARDING CONSTRUCTION PROCEDURES, INSURANCE, ETC., AS SET FORTH BY THE LANDLORD. GC TO VERIFY THE EXACT LOCATION OF ALL EXISTING LANDLORD FEATURES I.E. METAL BRACE FRAME, STOREFRONT OPENINGS, CORRIDOR ACCESS DOOR, DEMISING WALLS, UTILITY P.O.C., ETC.

FIRE SPRINKLERS

1. IF AN AUTOMATIC FIRE SPRINKLER SYSTEM EXISTS WITHIN THE SPACE. THE GENERAL CONTRACTOR SHALL EMPLOY THE SERVICES OF THE LANDLORD'S, OR ANOTHER LICENSED FIRE SPRINKLER CONTRACTOR TO DESIGN AND INSTALL THE NEW SYSTEM TO CONFORM WITH THE NEW ROOM AND CEILING HEIGHTS AS SHOWN IN THESE DRAWINGS. THE SPRINKLER CONTRACTOR SHALL DESIGN AND PREPARE SHOP DRAWINGS FOR THE PROPOSED SYSTEM MODIFICATIONS & SUBMIT THESE DRAWINGS TO THE BLDG./FIRE DEPT. & THE ARCHITECT TO GAIN APPROVALS PRIOR TO COMMENCING ANY WORK. PUBLIC AREA HEADS TO BE CONCEALED TYPE W/ BLACK COVERS AT DARK CEILINGS, WHITE AT LIGHT CEILINGS & CHROME IN TOILETS. HEADS IN NON-PUBLIC AREAS ARE TO BE SEMI-RECESSED. INSTALLATION IS TO INCLUDE ALL SITE WORK.
2. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE-EXTINGUISHING SYSTEMS, INCLUDING AUTOMATIC SPRINKLERS AND WET AND DRY STANDPIPES; HALON SYSTEMS AND OTHER SPECIAL TYPES OF AUTOMATIC FIRE-EXTINGUISHING SYSTEMS; BASEMENT PIPE INLETS; AND OTHER FIRE PROTECTION SYSTEMS AND APPURTENANCES THERETO SHALL BE SUBMITTED TO FIRE AND LIFE SAFETY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
3. FIRE EXTINGUISHING SYSTEM SHALL BE IN ACCORDANCE WITH CURRENT APPLICABLE CODE.

FIRE ALARM (WHERE REQUIRED)

1. EXISTING FIRE PANEL TO REMAIN IF PRESENT. FIRE CONTRACTOR TO TIE INTO BUILDING SYSTEM OR PROVIDE NEW SYSTEM AS REQ'D BY LOCAL JURISDICTION. F.C. TO PROVIDE DRAWINGS AND SPECIFICATIONS FOR LOCAL JURISDICTION APPROVAL.
2. THE GENERAL CONTRACTOR SHALL EMPLOY THE SERVICES OF THE LANDLORD'S, OR ANOTHER LICENSED FIRE ALARM CONTRACTOR TO DESIGN AND INSTALL NEW SYSTEM W/ ALL REQUIRED DEVICES.

EXTERIOR SIGNAGE

OWNER'S SIGNAGE CONTRACTOR SHALL PREPARE SIGNAGE SHOP DRAWINGS AND SUBMIT TO BUILDING DEPT. & LANDLORD FOR APPROVAL. ALL SIGNAGE IS UNDER SEPARATE PERMIT.

SPRINKLER NOTES

1. EXISTING SPRINKLER SYSTEM TO REMAIN.
2. SPRINKLER CONTRACTOR TO ADJUST AND/OR ADD HEADS AS REQ'D FOR NEW LAYOUT.
3. S.C. TO PROVIDE DRAWINGS AND CALCS FOR LOCAL JURISDICTION APPROVAL.

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CLIENT REVIEW

No.	Issue	Approved By: JD	Date

Project Number: 25-005
Drawn By: KP / JZ

SHEET TITLE & NUMBER

PROJECT INFO & CODE ANALYSIS

G1-01

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PLOTTED BY: KEVIN PAISLEY
PLOT DATE: 3/4/2022 2:52 PM

GENERAL NOTES

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY TYPE OF SOILS. IF CORROSIVE SOILS ARE ENCOUNTERED, TAKE NECESSARY PRECAUTIONS FOR ALL UNDER GROUND WORK.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON DRAWINGS FOR CONFLICTS PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. DO NOT SCALE DRAWINGS.
3. BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS & SITE.
4. NO STRUCTURE OF ANY KIND TO BE CONSTRUCTED ON, OVER OR PLACED WITHIN THE PUBLIC UTILITY EASEMENTS EXCEPT WOOD, WIRE OR REMOVABLE SECTION TYPE FENCING AND/OR PAVING.
5. CONTRACTOR TO COORDINATE STAGING AREAS AS REQUIRED WITH LANDLORD & OWNER.
6. ANY DAMAGE BY G.C. OR SUBCONTRACTOR TO EXISTING ASPHALT PAVEMENT AND/OR EXISTING LANDSCAPING OUTSIDE OF CONSTRUCTION LIMIT LINE SHALL BE REPAIRED AT NO COST TO OWNER.
7. SIDEWALK ELEVATIONS TO BE COORDINATED WITH SITE AS-BUILT CONDITIONS. ARCHITECT TO BE NOTIFIED OF ANY DISCREPANCIES.
8. G.C. TO COORDINATE LOCATION & PLACEMENT OF GREASE REMOVAL SYSTEM WITH PLUMBING CONTRACTOR. FIELD VERIFY ANY (E) SITE CONDITIONS THAT MAY IMPEDE INSTALLATION AND/OR OPERATION OF SUCH.
9. APPROVED NUMBERS OR ADDRESSES SHALL BE MAINTAINED & AS CURRENTLY PLACED ON BUILDING.
10. NO MATERIALS SHALL BE STORED ON PUBLIC PROPERTY UNLESS AN ENCROACHMENT PERMIT IS FIRST OBTAINED FROM THE PUBLIC WORKS DEPARTMENT.
11. ALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD AT FRAMED WALLS & SOFFITS, TYPICAL UNLESS OTHERWISE NOTED. AT MILLWORK LOW WALLS, DIMENSIONS ARE TO FACE OF FINISHED WALL, TYPICAL.
12. CONTRACTOR SHALL PROVIDE CONSTRUCTION FENCE FOR PEDESTRIAN PROTECTION ACCORDING TO LOCAL REGULATIONS & BUILDING CODE.
13. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE SECURITY & SAFETY OF THE SITE WHILE THE JOB IS IN PROGRESS & UNTIL THE JOB IS COMPLETE.
15. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS & WORKERS AT ALL TIMES
16. ALL DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY & WORK AREAS SHALL BE LEFT IN A CLEAN (BROOM) CONDITION AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS TO THE OWNER.
18. CONTRACTOR SHALL COMPLY WITH ALL STATE & LOCAL RULES & REGULATIONS CONCERNING LICENSING WHICH THE APPLICABLE GOVERNING AUTHORITY MAY HAVE ADOPTED.
19. ALL WEATHER-EXPOSED SURFACES SHALL HAVE A WEATHER-RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING. EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.
20. GENERAL CONTRACTOR SHALL PLACE ORDERS FOR ALL FINISHES, ALL MATERIALS, EQUIPMENT, ETC., AT THE START OF THE PROJECT. SUBSTITUTIONS ARE NOT ACCEPTED FOR ANY ITEMS, UNLESS NOTED OTHERWISE. OWNER & ARCHITECT MUST BE INFORMED OF LEAD TIME PROBLEMS WITHIN THE FIRST TWO WEEKS OF THE PROJECT.
21. PROVIDE VENTILATION FOR KITCHEN & FOOD PREPARATION AREAS PER MECHANICAL DRAWINGS.
22. SIGNS ARE REQUIRED FOR ALL MP&E ROOMS & SPRINKLER CONTROL VALVE ROOMS.
23. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE DEPARTMENT IN COMPLIANCE WITH THE LOCAL LABOR CODE.
24. AFTER OBTAINING BUILDING PERMIT AND BEFORE COMMENCING WITH THE WORK, THE GENERAL CONTRACTOR SHALL SHOW EVIDENCE OF ALL THE INSURANCE REQUIREMENTS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND OBTAIN ALL PERMITS AND LICENSES AND PAY REQUIRED FEES.
26. CONTRACTOR SHALL BE FAMILIAR WITH ALL LANDLORD REQUIREMENTS AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH SAME. CONTRACTOR SHALL INVESTIGATE LOCAL CODES AND PROCEDURES AND SHALL COMPLY WITH ALL REQUIREMENTS.
27. A COPY OF LANDLORD'S FINAL APPROVED PLANS MUST BE ON SITE DURING CONSTRUCTION.
28. REMOVE ALL ABANDONED IMPROVEMENTS, INCLUDING ELECTRICAL AND MECHANICAL, IF ANY.
29. INSPECT SITE. VERIFY FIELD DIMENSIONS BEFORE COMMENCING CONSTRUCTION. NOTIFY TENANT AND LANDLORD IMMEDIATELY IF THERE ARE ANY SIGNIFICANT DISCREPANCIES.
30. WHERE FACTORY FINISHED OR FACTORY PRIMED ITEMS OCCUR, SUCH AS GRILLES, DIFFUSERS, METAL TRIM AND ACCESSORIES, ETC. THEY SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE AND AS DIRECTED BY THE OWNER.
31. CONTRACTOR SHALL, IN THE WORK OF ALL TRADES, PERFORM ANY AND ALL CUTTING, PATCHING, REPAIRING, RESTORING AND THE LIKE NECESSARY TO COMPLETE THE WORK AND TO RESTORE ANY DAMAGED OR AFFECTED SURFACES RESULTING FROM THE WORK OF THIS CONTRACT TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER.
32. THERE SHALL BE NO EXPOSED PIPE, CONDUITS, ETC. IN PUBLIC AREAS, UNO. ALL SUCH LINES SHALL BE CONCEALED OR FURRED AND FINISHED.
33. GENERAL CONTRACTOR SHALL COORDINATE WORK PERFORMED BY OTHER CONTRACTORS. DISCREPANCIES IF ANY, SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
34. SHOULD THE DRAWINGS DISAGREE WITH THEMSELVES OR WITH THE SPECIFICATIONS OR SHOULD THE SPECIFICATIONS DISAGREE WITH THEMSELVES, THE BETTER QUALITY AND/OR GREATER QUANTITY OF WORK OR MATERIAL SHALL BE ESTIMATED UPON AND UNLESS OTHERWISE ORDERED IN WRITING BY THE OWNER AND INSTALLED.
35. NO SUBSTITUTIONS ARE PERMITTED UNLESS PRIOR APPROVAL BY THE OWNER.
36. IF ANY DISCREPANCIES APPEAR IN CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING OF SUCH DISCREPANCIES PRIOR TO BID.
37. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ARRIVAL OF ALL SPECIFIED FINISH MATERIALS EQUIPMENT, LIGHT FIXTURES AND ANY OTHER SUCH MATERIAL (S) TO BE UTILIZED ON THE PROJECT. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING WITHIN 10 DAYS OF THE DATE OF CONTRACT OF THOSE SPECIFIED ITEMS THAT MAY NOT BE READILY AVAILABLE. IF NOTIFICATION IS NOT RECEIVED BY THE OWNER THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR THE PROPER ORDERING AND FOLLOW-UP OF SPECIFIED ITEMS AND WILL PURSUE WHATEVER MEANS NECESSARY AT NO ADDITIONAL COST TO THE OWNER. INSURE AVAILABILITY OF ALL SPECIFIED ITEMS SO AS NOT TO CREATE A HARDSHIP ON THE OWNER AND NOT DELAY PROGRESS OF THE WORK. NO EXTENSION OF TIME TO THE CONTRACT WILL BE ALLOWED.
38. MECHANICAL CONTRACTORS SHALL VERIFY EXACT DIMENSIONS WITH EQUIPMENT MANUFACTUERRS. MECHANICAL CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF DUCT OPENINGS BEFORE INSTALLATION AND VERIFY DISCREPANCIES, IF ANY.
39. ALL EXTERIOR WALL OPENINGS, FLASHING, COUNTER FLASHING, COPING AND EXPANSION JOINTS SHALL BE WEATHERPROOF.
40. CAULKING AND SEALANTS: ALL OPEN JOINTS PENETRATIONS AND OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED, CAULKED, GASKETED, OR WEATHER STRIPPED TO LIMIT AIR AND WATER LEAKAGE.
41. USE ACOUSTICAL SEALANT AROUND ALL PIPES, DUCTS CONDUITS, OUTLETS, SWITCHES, ETC. ON BOTH SIDES OF CROSSING/PENETRATING WALLS WITH THERMAL AND ACOUSTIC INSULATION.
42. ALL NOISE BARRIER BATTS (SOUND INSULATION) SHALL BE NON-COMBUSTIBLE.
43. EACH CONTRACTOR SHALL LEAVE THE SITE IN A NEAT, CLEAN AND ORDERLY CONDITION ON A DAILY BASIS AND UPON CONCLUSION OF HIS WORK. ALL WASTE, RUBBISH AND EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE PROMPTLY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL TRASH GENERATED BY OWNERS CONTRACTORS FOR THE DURATION OF THE PROJECT.
44. SAFETY: ALL CONDUIT, WORK EQUIPMENT AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
45. CONSULT PROPERTY UTILITY PLANS BEFORE SAW CUTTING CONCRETE SLAB, IF ANY.
46. THE ARCHITECT WILL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES.

FIRE DEPARTMENT NOTES

1. CONTRACTOR TO PROVIDE A SUFFICIENT NUMBER OF 2A10BC RATED FIRE EXTINGUISHERS DURING CONSTRUCTION SO THAT ALL PORTIONS OF THE BUILDING ARE WITHIN 75 FT. TRAVEL DISTANCE OF SAID EXTINGUISHER & SO THAT AT LEAST ONE 2A10BC RATED FIRE EXTINGUISHER IS PROVIDED FOR EACH 3,000 SQ. FT. OF FLOOR SPACE OR PORTION THEREOF.
2. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 40-B FOR KITCHEN. LOCATE EXTINGUISHERS PER LOCAL FIRE DEPARTMENT INSPECTOR.
3. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR DURING CONSTRUCTION & FOR COMPLETED PROJECT.
4. ALL EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL.
5. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT SPECIAL KNOWLEDGE OR EFFORT (NO DEAD BOLTS, NO SLIDING BOLTS, ETC.).
6. AN OCCUPANT LOAD SIGN SHALL BE POSTED IN EACH ASSEMBLY ROOM HAVING AN OCCUPANT CONTENT OF 50 OR MORE. SIGN IS TO BE POSTED NEAR ENTRANCE. COORDINATE LOCATION OF SUCH SIGN WITH FIRE MARSHAL. SIGN TO BE PROVIDED & INSTALLED BY OWNER VENDOR.
7. MAINTAIN MIN. 44" AISLES TO EXIT OR PUBLIC WAY.
8. PROVIDE EXIT SIGNS ABOVE EXITS WITH MIN. 3/4"x6" LETTERS LIGHTED ON CONTRASTING BACKGROUND.
9. EXIT SIGNS MUST BE INTERNALLY ILLUMINATED.
10. PROVIDE TWO (2) SEPARATE POWER SUPPLIES FOR EXIT SIGNS CONFORMING TO CODE SECTION.
11. PROVIDE EMERGENCY EXIT LIGHTING PROVIDING A VALUE OF ONE FOOT CANDLE AT FLOOR LEVEL.
12. ADDITIONAL EXIT SIGNS WILL BE PROVIDED AS/IF DIRECTED BY THE CITY INSPECTOR.
13. SEE "ROOM FINISH SCHEDULE" FOR SMOKE DENSITY RATING & FLAME SPREAD RATING OF MATERIALS USED.
14. INTERIOR WALL & CEILING FINISHES FOR ASSEMBLY AREAS SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING OF 20.
15. ANY DECORATIONS USED SHALL BE NON-COMBUSTIBLE OR FLAME PROOFED IN AN APPROVED MANNER.
16. DRAPES & OTHER DECORATIVE MATERIALS SHALL BE FLAME RETARDANT. CERTIFICATION THEREOF SHALL BE PROVIDED. EXITS, EXIT SIGNS, FIRE ALARM STATIONS, HOSE CABINETS & EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIALS.
17. FINISHES SHALL NOT EXCEED CLASS A, B OR C AS INDICATED IN THE BUILDING CODE.
18. PROVIDE OUTSIDE GAS SHUT - OFF VALVE CONSPICUOUSLY MARKED.
19. UNLESS ALREADY EXISTING, AN APPROVED SET OF NUMERALS, MINIMUM 4" HIGH WITH A STROKE WIDTH OF NOT LESS THAN 1/2 INCH, SHALL BE PLACED ON THE BUILDING. THE NUMBERING SHALL BE PLACED IN SUCH A POSITION AS TO BE PLAINLY VISIBLE & LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. SAID NUMERALS SHALL CONTRAST W/ THEIR BACKGROUND. IF THE ADDRESS THAT IS POSTED NEAR THE INTERSECTION OF THE DRIVEWAY & THE PUBLIC STREET OR ROAD FRONTING THE PROPERTY IS NOT VISIBLE, ADDITIONAL ADDRESSES POSTED NEAR THE INTERSECTION OF THE DRIVEWAY & THE PUBLIC STREET ARE REQUIRED. (VERIFY REQUIREMENTS.)
20. PROVIDE A KNOX BOX FOR FIRE DEPT. ACCESS & KEY ACCESS, LOCATION AS DETERMINED BY FIRE MARSHAL.
21. EXIT SIGNAGE SHALL BE PROVIDED & MAINTAINED FOR CORRIDORS & AISLE WAYS LEADING TO EXITS IN ACCORDANCE WITH STATE CODE. SIGNAGE SHALL STATE: "OBSTRUCTIONS, INCLUDING STORAGE, SHALL NOT BE PLACED IN THE REQUIRED WIDTH OF AN EXIT OR EXIT PASSAGEWAY."
22. GENERAL CONTRACTOR SHALL SECURE PERMITS REQUIRED BY THE FIRE DEPARTMENT FROM THE FIRE DEPARTMENT PRIOR TO OCCUPYING THIS BUILDING.
23. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. G.C. TO VERIFY INSPECTION SCHEDULING REQUIREMENTS AT LEAST 14 DAYS PRIOR TO COMPLETION OF WORK.
24. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE & COMBUSTIBLE LIQUIDS, FLAMMABLE & COMPRESSED GASES & OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH STATE BUILDING CODE REGULATIONS.
25. ANY TYPE I HOOD INSTALLATION & SHAFT CONSTRUCTION MUST COMPLY WITH THE STATE & MECH CODE.
26. WHEN ALLOWED BY FIRE MARSHAL AND/OR BUILDING INSPECTOR, FIRE BLOCKS CAN BE SUBSTITUTED WITH APPROVED FIRE SPRINKLER SYSTEM.
27. IN ADDITION TO THE SPRINKLER MONITORING SYSTEM, A FIRE SYSTEM PER NFPA #13 SPECIFICATIONS MUST BE INSTALLED. PLANS FOR THE FIRE ALARM MUST BE SUBMITTED TO THE BUILDING DEPARTMENT FOR FIRE DEPARTMENT REVIEW PRIOR TO INSTALLATION. THE KITCHEN HOOD FIRE PROTECTION SYSTEM WILL CAUSE INITIATION OF AN ALARM SIGNAL.
28. ALL EXIT DOORS & INTERVENING DOORS ON THE EXIT PATH, IF PROVIDED WITH A LOCK OR LATCH, MUST BE PROVIDED WITH PANIC HARDWARE.
29. PLANS FOR THE KITCHEN HOOD FIRE PROTECTION SYSTEM MUST BE SUBMITTED TO THE BUILDING DEPARTMENT FOR REVIEW BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
30. THE FIRE SPRINKLER SYSTEM DESIGN CRITERIA IS AS SET FORTH BY THE FIRE MARSHAL.
31. PREMISES IDENTIFICATION TO BE LEGIBLE FROM STREET OR DRIVE & MUST BE ON ALL PLANS.
32. IT IS THE DEVELOPERS RESPONSIBILITY TO DETERMINE ULTIMATE COMPLIANCE WITH THE FAIR HOUSING AMENDMENTS ACT & AMERICANS WITH DISABILITIES ACT & INCORPORATE SAME INTO THEIR BUILDING PLANS.
33. BACK FLOW PREVENTION WILL BE REQUIRED ON VERTICAL RISER ON CLASS I & II FIRE SPRINKLER SYSTEM PER *LOCAL JURISDICTION* CODE.
34. PROVIDE ALL WEATHER ACCESS ROAD (MIN 20') TO ALL BUILDINGS & HYDRANTS FROM PUBLIC WAY DURING CONSTRUCTION.
35. NUMBER OF REQUIRED FIRE HYDRANTS EX. DEVELOPER SHALL HAVE THE REQUIRED HYDRANTS INSTALLED & OPERABLE PRIOR TO THE FOOTING INSPECTION. DEVELOPER TO PROVIDE WAIVER OF FIRE DEPARTMENT RESPONSIBILITY OR COPY OF CURRENT CITY APPROVED CIVIL WATER PLANS TO FIRE SPRINKLER CONTRACTOR FOR LOCATING NEW AND/OR EXISTING HYDRANT WATER MAIN SUPPLY DATA. SPACED MAX O/C 500' AT 1,500 GPM.
36. EXIT & EMERGENCY LIGHTING SHALL COMPLY WITH THE CITY ORDINANCE & ADOPTED CODES LISTED ON THE TITLE SHEET.
37. FIRELINE, SPRINKLER & STANDPIPE SYSTEM TO BE FLUSHED & PRESSURE TESTED PER NFPA STANDARDS & *LOCAL JURISDICTION* CODES.
38. FDC SIAMESE CONNECTIONS FOR SPRINKLERS AND/OR STANDPIPES WILL BE LOCATED PER ORDINANCE OR AT AN APPROVED LOCATION MIN. SIZE 2 1/2" X 2 1/2" X 4" (NHST) BUILDING MOUTED.
39. SPRINKLER SYSTEM SHALL BE INSTALLED TO COMPLY WITH MINIMUM NFPA CRITERIA & CITY ORDINANCE. SYSTEMS WITH 20 HEADS OR MORE SHALL HAVE OFF-SITE MONITORING. AFTER BUILDING PLAN REVIEW, INSTALLING CONTRACTOR SHALL SUBMIT (3) COMPLETE SETS OF DRAWINGS & HYDRAULIC CALCULATIONS.
40. REVIEWED BY MINIMUM NICET III DESIGN TECHNICIAN. NFPA COMMERCIAL SYSTEM / DESIGN CRITERIA : ORD. GR. II - 0.20/1500 (1996 EDITION) - PE STAMP REQUIRED
41. CONSTRUCTION WITHIN *LOCAL JURISDICTION* SHALL COMPLY WITH THE *STATE* FIRE CODE STANDARDS, AS AMENDED BY THE COUNTY ORDINANCE WHERE APPLICABLE.
42. THE APPLICANT IS RESPONSIBLE TO IDENTIFY & COORDINATE DEFERRED SUBMITTALS.
43. THE FIRE SPRINKLER RISER SHALL BE LOCATED INSIDE BUILDING WITH DIRECT EXTERIOR ACCESS. ALL OCCUPANTS ARE REQUIRED TO PROVIDE EXTERIOR ACCESS TO A FIRE RISER ROOM DESIGNED FOR THE FIRE SYSTEMS ONLY.
44. FIRE DEPARTMENT INLET CONNECTIONS (FDC) SHALL BE LOCATED ON THE WALL OF THE ADDRESS SIDE OR NATURAL APPROACH OF THE BUILDING IT SERVES & SHALL IDENTIFY THE BUILDING(S) SERVED WITH PERMANENT SIGNAGE.
45. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS & WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED WHERE THE NUMBER OF SPRINKLER HEADS EXCEEDS 19.
46. IN ADDITION TO THE EXTERIOR BELL OR HORN, AN APPROVED AUDIBLE/VISUAL FIRE SPRINKLER FLOW ALARM SHALL BE PROVIDED IN THE INTERIOR OF ALL BUILDINGS IN A NORMALLY OCCUPIED LOCATION. THE A/V DEVICE SHALL BE A MINIMUM OF 75 CD LUMENS & 15 DB ABOVE THE AMBIENT SOUND LEVEL.
47. A FIRE HYDRANT SHALL BE LOCATED WITHIN 100' OF THE FIRE DEPARTMENT CONNECTION (FDC). THE ROUTE IS TO BE MEASURED AS THE FIRE HOSE WOULD BE LAID OUT & IS NOT MEASURED IN A CIRCLE AROUND THE FIRE HYDRANT, & DOES NOT GO THROUGH WATER RETENTION BASINS, OVER WALLS OR SIMILAR OBSTRUCTIONS.
48. THE MINIMUM NUMBER OF FIRE HYDRANTS SHALL NOT BE LESS THAN REQUIREDD. THE MINIMUM REQUIRED FIRE FLOW IS 1500 (GPM) AT 20 (PSI) RESIDUAL PRESSURE. WHEN ANY PORTION OF THE FACILITY OR BUILDING IS IN EXCESS OF 150' OF AN APPROVED WATER SUPPLY ON A PUBLIC STREET, AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE FACILITY OR BUILDING, ON-SITE FIRE HYDRANTS & MAINS CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW SHALL BE PROVIDED. FIRE HYDRANTS SHALL BE LOCATED ALONG THE ROUTE OF THE FIRE APPARATUS ACCESS ROADWAY. FIRE HYDRANTS SUBJECTED TO VEHICULAR DAMAGE SHALL BE PROTECTED WITH GUARD POSTS.
49. PLANS & SPECIFICATIONS FOR FIRE SPRINKLER SYSTEMS EXCEEDING 19 HEADS SUBMITTED FOR REVIEW SHALL BE SEALED BY A QUALIFIED *LOCAL JURISDICTION* REGISTRANT IN FIRE SPRINKLER DESIGN. THE INSTALLING CONTRACTOR'S NAME, ADDRESS & PHONE NUMBER ARE TO BE INCLUDED ON THE DRAWINGS & CALCULATIONS SUBMITTED FOR REVIEW & APPROVAL. AS-BUILT DRAWINGS WILL BE REQUIRED WHERE FIELD CHANGES ARE MADE TO THE DESIGNED DRAWINGS.
50. FIRE SPRINKLERS SHALL BE INSTALLED IN ALL CONCEALED SPACES ENCLOSED WHOLLY OR PARTLY BY EXPOSED COMBUSTIBLE CONSTRUCTION.
51. A FIRE ACCESS ROAD SHALL BE PROVIDED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE 1ST STORY IS LOCATED MORE THAN 150' FROM FIRE APPARATUS ACCESS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING. THE ROUTE IS TO BE MEASURED AROUND THE BUILDING AS THE FIRE HOSE WOULD BE LAID OUT & IS NOT MEASURED THROUGH INTERIOR OR COVERED WALKWAYS OR WATER RETENTION BASINS. THE ROUTE OF THE FIRE APPARATUS ACCESS ROAD SHALL BE APPROVED BY THE FIRE DEPARTMENT.
52. APPARATUS ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 20 FEET. A MIN. VERTICAL CLEARANCE OF 15 FEET 0 INCHES SHALL BE PROVIDED FOR THE APPARATUS ACCESS ROADS. CONFIRM FIRE APPARATUS TURNING RADIUS 35 FEET INSIDE & 55 FEET OUTSIDE.
53. FIRE LANES SHALL BE MARKED BY SIGNS PER TOG DETAIL #63, AND/OR CURB PAINTED RED & LABELED "FIRE LANE NO PARKING", PLACED NOT GREATER THAN 75' APART AT THE BEGINNING & END OF THE DESIGNATED FIRE LANE.
54. DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED MEANS FOR TURNING THE APPARATUS AROUND.
55. AN APPROVED KEY BOX IS REQUIRED ON ALL COMMERCIAL STRUCTURES THAT CONTAIN OFF SITE MONITORED FIRE SPRINKLERS, A FIRE ALARM SYSTEM OR WHEN ACCESS IS DIFFICULT & WHERE IMMEDIATE ACCESS IS REQUIRED FOR LIFE SAVING OR FIREFIGHTING.
56. PLANS & SPECIFICATIONS FOR FIRE ALARM SYSTEMS, AUTOMATIC FIRE-EXTINGUISHING SYSTEMS, STANDPIPES & THEIR APPURTENANCES SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR REVIEW & APPROVAL PRIOR TO INSTALLATION.

GENERAL FIRE ALARM SYSTEM NOTES

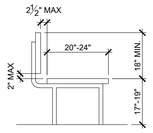
1. ADDITIONAL DEVICES AND RELOCATION OF EXISTING DEVICES FOR THE FIRE ALARM SYSTEM DO NOT REQUIRE SHOP DRAWINGS FOR CITY REVIEW, BUT ARE SUBJECT TO THE FIRE INSPECTOR'S APPROVAL. ALL WORK TO BE PERFORMED BY A QUALIFIED STATE REGISTRANT IN FIRE ALARM DESIGN.
2. ALARM INITIATING DEVICES, ALARM SIGNALING DEVICES, AND OTHER FIRE ALARM SYSTEM COMPONENTS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE CODES LISTED ON THE TITLE SHEET.
3. WHEN DUCT DETECTORS, REQUIRED BY THE MECHANICAL CODE OR FIRE CODE AND BUILDING CODE, ARE CONCEALED FROM VIEW OR INSTALLED MORE THAN 10 FEET ABOVE FINISHED FLOOR OR IN ARRANGEMENTS WHERE THE DETECTOR'S ALARM INDICATOR IS NOT READILY VISIBLE TO RESPONDING PERSONNEL, AN LED SHALL BE PROVIDED THROUGH THE CEILING LEVEL OR SIGHT OBSTRUCTION AT EACH DETECTOR. ALL DETECTION DEVICES PROVIDED SHALL BE MONITORED FOR INTEGRITY BY THE FIRE ALARM SYSTEM WHERE A FIRE ALARM IS INSTALLED.

FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION OF A BUILDING

1. DURING CONSTRUCTION, YOU MUST PROVIDE AND MAINTAIN AN ALL WEATHER ROAD DESIGNED TO SUPPORT THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING UP TO 85,000 POUNDS. SITES SHALL HAVE TWO POINTS OF ACCESS OR AS INDICATED AT PLAN REVIEW OR BY THE FIRE INSPECTOR. UNPAVED SURFACES SHALL HAVE A MINIMUM ABC 6" DEPTH COMPACTION TO 95% AND 20' WIDE. NO VEHICLE PARKING OR BUILDING MATERIAL OFF-LOADING ALLOWED ON THE EMERGENCY ACCESS ROAD. FIRE LANE SIGNS ARE REQUIRED TO BE POSTED ALONG THE ROAD.
2. A SIGN SHALL BE POSTED AT THE MAIN STREET ENTRANCE INDICATING EMERGENCY VEHICLE ENTRANCE, THE PROJECT NAME, THE PROJECT ADDRESS, AND AN EMERGENCY CONTACT NUMBER OF A COMPANY REPRESENTATIVE. THE SIGN SHALL BE A MINIMUM OF 24" HIGH X 36" WIDE WITH WHITE REFLECTIVE BACKGROUND AND 3" RED REFLECTIVE LETTERS. IN ADDITION ALL OFF-SITE WORK SHALL HAVE A SIGN POSTED AT THE MAIN STREET ENTRANCE THAT IS REFLECTIVE OF THE GEOGRAPHICAL LOCATION TO THE PROJECT. THE SIGN SHALL INCLUDE THE PROJECT NAME FOLLOWED BY THE CAPTION "OFF SITE" AND THE GEOGRAPHICAL LOCATION.
3. ALL SITE HYDRANTS SHALL BE INSTALLED AND ACCEPTED BY THE TOWN ENGINEERING DEPARTMENT PRIOR TO COMBUSTIBLE MATERIALS BEING DELIVERED TO THE CONSTRUCTION SITE.
4. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES AND THE EXISTING BUILDING CODE.

ACCESSIBILITY NOTES

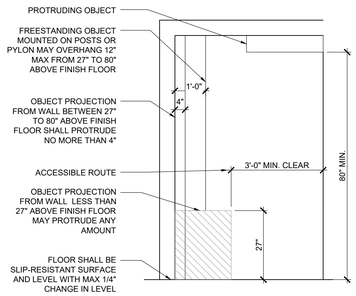
1. ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES, AS REQUIRED BY ADA.
2. WALKS & SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2" & SHALL BE A MIN. OF 48" IN WIDTH.
3. SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH.
4. SURFACES WITH A SLOPE OF 6% GRADIENT OR GREATER SHALL BE SLIP RESISTANT.
5. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT.
6. WALKS, SIDEWALKS & PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN THE GRATINGS SHALL BE LIMITED TO 1/2" IN THE DIRECTION OF TRAFFIC FLOW.
7. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL, IT SHALL COMPLY WITH THE PROVISIONS OF A PEDESTRIAN RAMP.
8. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2". WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2" ARE NECESSARY, THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS.
9. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90° & MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN.
10. THRESHOLDS TO BE A MAX. 1/2" ABOVE ADJACENT FINISH FLOOR.
11. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS FOR ALL DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. NOT TO EXCEED 15 LBS.
12. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC & SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
13. PROVIDE LEVER-TYPE HARDWARE PANIC BARS, PUSH - PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (30" TO 44" A.F.F.)
14. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE 32" CLEAR UNOBSTRUCTED OPENING & A LEVEL & CLEAR AREA FOR A MINIMUM DEPTH OF 60" IN THE DIRECTION OF THE DOOR SWING.
15. PROVIDE 18" FROM WALL TO CENTERLINE OF W.C. & 32" FROM A WALL AT ONE SIDE & 48" IN FRONT OF W.C.
16. PROVIDE 30"X48" LONG SPACE IN FRONT OF TOILET & WITHIN THE TOILET ROOM THAT ALLOWS THE DOOR TO CLOSE
17. GRAB BARS LOCATED ON EACH SIDE, OR ONE SIDE & THE BACK OF PHYSICALLY DISABLED TOILET STALL OR COMPARTMENT SHALL BE SECURELY ATTACHED 33" (36" FOR TANK-TYPE TOILETS) ABOVE AND PARALLEL TO THE FLOOR. GRAB BARS AT THE SIDE SHALL BE LOCATED 15" TO 16 1/2" FROM THE CENTERLINE OF THE WATER CLOSET STOOL & SHALL BE AT LEAST 42" LONG WITH THE FRONT END POSITIONED 24" IN FRONT OF THE WATER CLOSET STOOL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1 1/4" TO 1 1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.



ADA BENCH SHALL HAVE A BACK SUPPORT ALONG ITS LONG DIMENSION 48" LONG MIN. AND SHALL EXTEND FROM A POINT 2 INCHES MAX. ABOVE THE SEAT SURFACE TO A POINT 18" MIN. ABOCE THE SEAT SURFACE. BACK SUPPORT SHALL BE 2-1/2" MAX. FROM THE REAR EDGE OF THE SEAT MEASURED HORIZONTALLY.

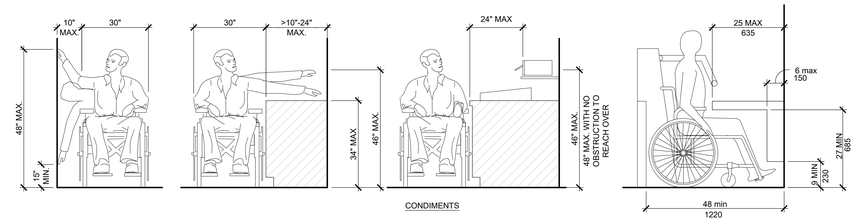
BENCHES SHALL BE AFFIXED TO THE WALL OR THE FLOOR ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 LBS IS APPLIED AT ANY POINT ON THE SEAT, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

9 ADA BENCH DETAIL
NTS

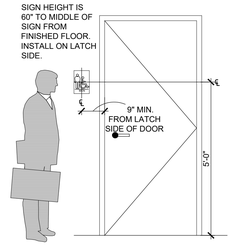


6 INTERIOR ACCESS ROUTE
NTS

CORRESPONDING REACH HEIGHTS FOR GIVEN DEPTHS:	
WHEN D = 10" OR LESS,	H = 48" MAX.
WHEN D = >10" TO 24"	H = 46" MAX.

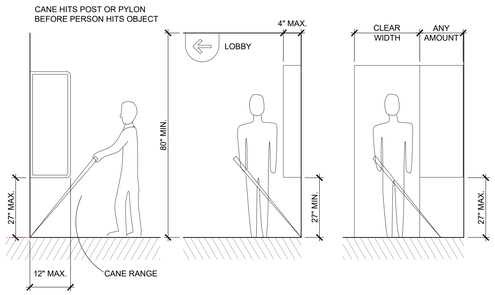


3 ADA REACH RANGES
NTS

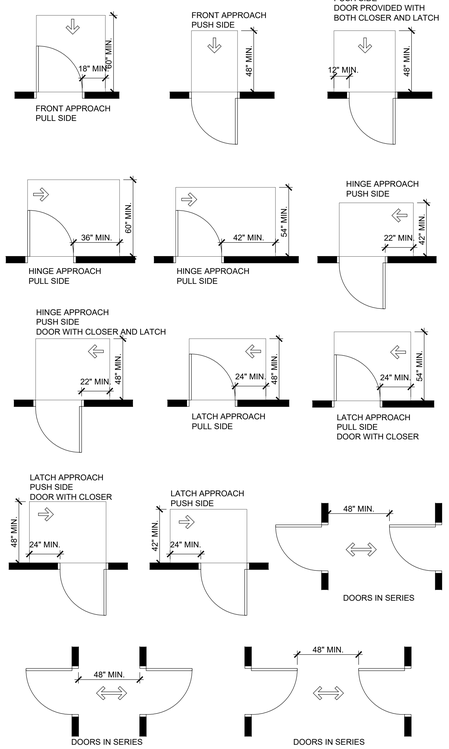


SECTION 305.3 ICC/ANSI A1117.1-2003

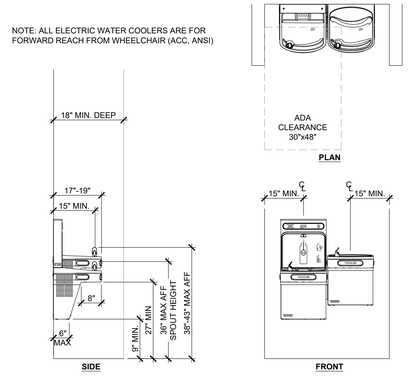
8 ACCESSIBLE SIGN DETAIL
NTS



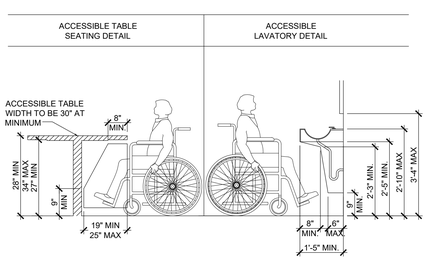
5 PROTRUDING OBJECTS
NTS



2 DOOR CLEARANCES
NTS

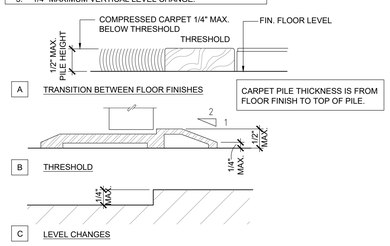


10 ACCESIBLE DRINKING FOUNTAIN
NTS



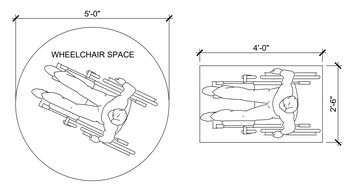
7 ACCESSIBLE ILLUSTRATIONS
NTS

NOTES:
1. 1/2" MAXIMUM TOTAL HEIGHT WITH 1/4" MAXIMUM VERTICAL CHANGE AT EDGE.
2. 1 : 2 SLOPED BEVEL REQUIRED IF LEVEL CHANGE IS OVER 1/4" VERTICAL LEVEL CHANGE.
3. 1/4" MAXIMUM VERTICAL LEVEL CHANGE.



4 CHANGES IN LEVEL
NTS

IBC
AT LEAST 60 PERCENT, BUT NOT LESS THAN ONE OF THE ENTRANCES TO EACH BUILDING AND STRUCTURE TO EACH SEPARATE TENANT SPACE WITHIN THE BUILDING OR STRUCTURE SHALL COMPLY WITH THE ACCESSIBLE ROUTE PROVISIONS OF THIS CHAPTER. ALL REQUIRED EXITS FOR EGRESS SHALL COMPLY WITH THESE REQUIREMENTS



SECTION 305.3 ICC/ANSI A117.1-2003

1 ADA CLEAR FLOOR & TURNING SPACE
NTS

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

CLIENT

PROJECT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT

DxU ARCHITECTS
415 Belle Street • Fairhope • Alabama • 36532
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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

ACCESSIBILITY STANDARD DETAILS

G1-10

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2023 2:33 PM PLOTTED BY: KEVIN PASLEY

SPECIFICATIONS

DIVISION 01 - GENERAL REQUIREMENTS

1. THE WORK INCLUDES NEW TENANT IMPROVEMENTS IN AN EXISTING STAND ALONE SPACE. PER SQUARE FOOT CALCULATIONS AS NOTED ON THE TITLE SHEET. CONTRACT WILL INCLUDE CONSTRUCTING WALLS, CEILINGS & FLOOR PER CLIENT APPROVED FINISHES, DETAILS & SPECIFICATIONS. SECURE & PAY FOR GOVERNMENT FEES, LICENSES, & PERMITS.
2. CONTRACTORS SHALL VISIT THE PREMISES WHILE BIDDING & SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS & THE REQUIREMENTS OF THE PROJECT PRIOR TO DEVELOPING THEIR BID. MATERIAL QUANTITIES SHALL BE BASED ON ACTUAL FIELD CONDITIONS & MEASUREMENTS. DO NOT RELY ON SCALING PLANS FOR ACCURATE DIMENSIONING.
3. PRIOR TO BEGINNING THE WORK, VERIFY ALL EXISTING DIMENSIONS & SQUARE FOOTAGES. NOTIFY THE OWNER OF COMPLIANCE OR DISCREPANCIES, COMPARING THOSE DISCREPANCIES TO THE NUMBERS ON THE TITLE SHEET.
4. CONTRACTORS SHALL TAKE CARE TO PROTECT ADJACENT AREAS FROM DUST & DAMAGE DURING THE CONSTRUCTION PROCESS & SHALL CLEAN UP AFTER THEMSELVES AT THE END OF EACH WORKING DAY. ANY DAMAGE DONE TO ADJACENT AREAS MUST BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
5. ALL RUBBISH & TRASH SHALL BE REMOVED FROM THE PREMISES & PROPERLY DISPOSED OF EACH DAY. NO RUBBISH SHALL BE LEFT IN THE PREMISES AFTER WORK IS COMPLETED EACH DAY.
6. ALL DRAWINGS HEREIN CREATE AN ENTIRE PACKAGE. ALL TRADES SHALL BE RESPONSIBLE FOR REVIEWING THEIR RESPECTIVE REQUIREMENTS & COORDINATING THEIR HIDDEN OR EXPOSED WORK WITH OTHER RELATED TRADES. COORDINATE ALL WORK OF THE VARIOUS TRADES & SUBCONTRACTORS TO ASSURE EFFICIENT & ORDERLY INSTALLATION.
7. PROVIDE ACCOMMODATION FOR ITEMS INSTALLED AT A LATER DATE. VERIFY THAT CHARACTERISTICS OF ELEMENTS OF INTERRELATED OPERATING EQUIPMENT ARE COMPATIBLE; COORDINATE WORK OF VARIOUS SECTIONS WHICH HAVE INTERDEPENDANT RESPONSIBILITIES FOR INSTALLING, CONNECTING TO, & PLACING IN SERVICE, SUCH EQUIPMENT. COORDINATE SPACE REQUIREMENTS & INSTALLATION OF MECHANICAL & ELECTRICAL WORK & FIRE SPRINKLER SYSTEM WHICH ARE INDICATED, DETAILED, OR IMPLIED DIAGRAM- MATICALLY ON DRAWINGS.
8. UNLESS SPECIFICALLY NOTED, PROVIDE & PAY FOR LABOR, MATERIALS & EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT & MACHINERY & OTHER FACILITIES & SERVICES NECESSARY FOR PROPER EXECUTION & COMPLETION OF WORK, INCLUDING PERMITS. TEMPORARY UTILITIES SHALL BE ARRANGED & PAID FOR BY GENERAL CONTRACTOR.
9. GENERAL CONTRACTOR SHALL PURCHASE & MAINTAIN INSURANCE COVERAGE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD & THE TENANT. VERIFY & COORDINATE WITH THE TENANT'S PROJECT MANAGER ANY ADDITIONAL REQUIREMENTS.
10. FURNISH ALL REQUIRED TEMPORARY FACILITIES & ALL TEMPORARY UTILITIES IMMEDIATELY AFTER RECEIPT OF NOTICE TO PROCEED FOR USE IN CONVENIENCE OF ALL THOSE ENGAGED IN THE PROJECT WORK.
11. ALL CONTRACTORS MUST STAY BEHIND THE BARRIERS & MAINTAIN ACCESS TO SUCH AREAS CLEAN & FREE OF CONSTRUCTION MATERIALS & DEBRIS. FAILURE TO MAINTAIN CLEAN STOREFRONT WILL RESULT IN BUILDING MANAGER REMOVING SUCH MATERIALS & DEBRIS REMOVED & ALL CHARGES FOR MAINTENANCE BILLED TO GENERAL CONTRACTOR.
12. COORDINATE ALL CONSTRUCTION & SCHEDULING WITH THE BUILDING MANAGER REVIEWING ALL SCHEDULED ACTIVITIES AT OUTSET OF CONSTRUCTION.
13. THE OWNER OR THE OWNER'S SUBCONTRACTORS MAY OCCUPY PORTIONS OF THE PROJECT DURING THE FINAL STAGE OF CONSTRUCTION. COORDINATE & COOPERATE WITH THE OWNER TO MINIMIZE CONFLICT & FACILITATE OWNER OPERATIONS.
14. ALL DIMENSIONS & FINISHES SHALL BE VERIFIED & COORDINATED WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION, FABRICATION, OR PURCHASING. IN CASE OF CONFLICT BETWEEN THE PROJECT REQUIREMENTS AND EXISTING CONDITIONS, THE ARCHITECT OR OWNER SHALL BE CONTACTED FOR DIRECTION.
15. PERFORM ALL WORK IN ACCORDANCE WITH ACCEPTABLE TRADE PRACTICE TO INSURE THE HIGHEST QUALITY FINISHED PRODUCT - EXPRESSED OR IMPLIED. PERFORM ALL WORK BY SKILLED MECHANICS IN ACCORDANCE WITH ESTABLISHED STANDARDS OF WORKMANSHIP IN EACH OF THE VARIOUS TRADES.
16. COORDINATE BLOCKING REQUIREMENTS WITH ADJACENT OR RELATED TRADES, ACCESSORIES, EQUIPMENT & FIXTURES. INSTALL REQUIRED BLOCKING AT NO ADDITIONAL COST TO THE CONTRACT.
17. REPAIR PROPERTY DAMAGE BY THE INSTALLERS TO A LIKE NEW CONDITION OR REPLACE DAMAGED SURFACES & MATERIALS OF THE PREVIOUSLY INSTALLED WORK BY OTHER TRADES. INSTALLERS & SUBCONTRACTORS.
18. WHERE REQUESTED BY THE OWNER TO CERTIFY CONFORMANCE TO TRADE STANDARDS OR THE PROJECT REQUIREMENTS, THE CONTRACTOR SHALL ENLIST A TESTING LABORATORY AT THE OWNER'S COST. IF THE REQUESTED TEST SHOWS NON-CONFORMANCE TO GENERALLY ACCEPTED TRADE STANDARDS OR THE PROJECT REQUIREMENTS, THE CONTRACTOR SHALL CORRECT THE DEFICIENCY AT NO ADDITIONAL COSTS TO THE OWNER & REIMBURSE ALL THE COSTS OF THE TESTING TO THE OWNER, UNLESS THE CONTRACTOR HAS USED PRODUCTS INCORRECTLY LABELED BY THE MANUFACTURER OR HAS MADE PREVIOUSLY APPROVED CHANGES.
19. PROVIDE SECURITY OF THE WORK, INCLUDING TOOLS & UNINSTALLED MATERIALS. PROTECT THE WORK, STORED PRODUCTS, CONSTRUCTION EQUIPMENT & OWNER'S PROPERTY FROM THEFT & VANDALISM & THE PREMISES FROM ENTRY BY UNAUTHORIZED PERSONNEL UNTIL FINAL ACCEPTANCE BY OWNER.
20. MAINTAIN AN ACTIVE FIRE EXTINGUISHER AT THE PROJECT.
21. DO NOT USE MATERIAL OR EQUIPMENT FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY DESIGNED OR SPECIFIED. ALL MATERIALS & EQUIPMENT THAT ARE SIMILAR SHALL BE THE SAME TYPE, MODEL & STYLE FOR THE SAME USE THROUGHOUT THE PROJECT OR THEY SHALL BE REJECTED.
22. WHEN THE PROJECT REQUIREMENTS REQUIRE THAT THE INSTALLATION OF WORK SHALL COMPLY WITH MANUFACTURER'S INSTRUCTIONS, PERFORM THE WORK IN STRICT ACCORDANCE WITH THE MOST CURRENT WRITTEN MANUFACTURER'S INSTRUCTIONS.
23. ALL PRODUCTS & EQUIPMENT SHALL BE DELIVERED IN UNDAMAGED CONDITION & STORED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO AVOID DISRUPTION OF THE WORK OR DAMAGE TO THE ITEMS. REPLACE DAMAGED OR UNFIT MATERIALS, AT NO COST TO THE OWNER.
24. NOTIFY THE OWNER WHEN THE WORK IS SUBSTANTIALLY COMPLETE & READY FOR INSPECTION. UPON INSPECTION, PROVIDE WRITTEN OPERATION & MAINTENANCE INSTRUCTIONS & GUARANTEES FOR ALL EQUIPMENT & MATERIALS INSTALLED. PROVIDE WRITTEN GUARANTEES FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK.
25. PROVIDE FINAL CLEAN-UP & DAMAGE REPAIR AT THE PROJECT CONCLUSION. LEAVE THE PREMISES NEAT, CLEAN & CLEAR OF TOOLS, EQUIPMENT & SURPLUS MATERIALS, UNLESS REQUESTED BY THE OWNER. CLEAN-UP SHALL INCLUDE & NOT BE LIMITED TO:
   a. POWER VACUUMING THE ENTIRE SPACE.
   b. HAND DUSTING & CLEANING OF ALL SHELVING, CABINETRY, CASEWORK, GLASS & MIRRORS BOTH INSTALLED UNDER THIS CONTRACT OR EXISTING WALLS, CEILINGS, FIXTURES, ETC.
   c. REPAIR OR REPLACEMENT OF PROPERTY DAMAGED DURING FINAL COMPLETION OF THE PROJECT
   d. G.C. TO HIRE & PAY FOR PROFESSIONAL CLEANING ON (2) OCCASIONS: ONCE BEFORE TURNOVER TO TENANT (MERCHANDISING) & AGAIN BEFORE OPENING.
26. GENEAL CONTRACTOR SHALL PLACE ORDERS FOR ALL FINISHES, ALL MATERIALS, EQUIPMENT, ETC., ATTHE START OF THE PROJECT. SUBSTITUTIONS ARE NOT ACCEPTED FOR ANY ITEMS, UNLESS NOTED OTHERWISE. OWNER & ARCHITECT MUST BE INFORMED OF LEAD TIME PROBLEMS WITHIN THE FIRST TWO WEEKS OF THE PROJECT.

DIVISION 02 - DEMOLITION / BUILDING ALTERATIONS

1. THE WORK MAY INCLUDE DEMOLITION OF EXISTING CONSTRUCTION, REMOVAL OF VARIOUS ITEMS OF EQUIPMENT & CONSTRUCTION & THE CUTTING OR ALTERATION OF EXISTING CONSTRUCTION AS SHOWN, NOTED OR IMPLIED ON THE DRAWINGS. CONTRACTOR SHALL DETERMINE & INVENTORY ALL NECESSARY DEMOLITION & ALTERATION OF ITEMS TO PROVIDE FOR A COMPLETE NEW BUILDING AS NOTED HEREIN. ALL COSTS OF REMOVAL, REPAIR OR REPLACEMENT SHALL BE INCLUDED IN THE BID. ADDITIONAL COSTS FOR DEMOLITION OF ITEMS HIDDEN OR INACCESSIBLE DURING THE BIDDING PHASE, SHALL BE SUBMITTED FOR APPROVAL PRIOR TO BEGINNING THE WORK.
2. AT ALTERED CONSTRUCTION, REPAIR CUT EDGES, REPLACE CONSTRUCTION & FIT NEW TO EXISTING CONSTRUCTION TO MATCH EXISTING WORK. MAKE JOINTS OF NEW & EXISTING PATCHES VERY SMOOTH, EVEN & PRACTICALLY INVISIBLE. COORDINATE ALL REPLACEMENT & REPAIR REQUIREMENTS WITH LANDLORD'S CONSTRUCTION CRITERIA & TENANT'S COORDINATOR.
3. SAW-CUT CONCRETE WITH DIAMOND SAW; JACKHAMMERING WILL NOT BE PERMITTED EXCEPT WITH THE EXPRESSED WRITTEN APPROVAL OF THE LANDLORD. CUT IN ACCURATELY LOCATED, STRAIGHT LINES & BREAK OUT SECTIONS. FLOOR MAY BE CORE DRILLED WHERE APPROP- RIATE FOR INSTALLATION OF PIPES & SIMILAR ITEMS. COORDINATE ALL CORE LOCATIONS & SLAB MODIFICATIONS WITH LANDLORD'S STRUCTURAL ENGINEER. WHERE EXISTING PIPING & OTHER SIMILAR ITEMS ARE UNDER EXISTING SLABS, EXERCISE CARE TO PROTECT FROM DAMAGE. EXERCISE CARE WHEN CUTTING ADJACENT TO EXISTING WALLS TO AVOID DAMAGE TO WALLS. IF DAMAGED, REPAIR AS REQUIRED TO ORIGINAL CONDITION.
4. DOORS & FRAMES: IF DOORS & FRAMES ARE TO BE REUSED ON THE WORK, CAREFULLY REMOVE DOOR FROM FRAMES & REMOVE FRAMES FROM OPENING, TAKING CARE TO AVOID DAMAGE. REMOVE HARDWARE, CLEAN, REFURBISH & STORE FOR REINSTALLATION WHERE INDICATED. FOR DOORS & FRAMES TO BE SALVAGED, CAREFULLY REMOVE FROM OPENING & DELIVER FOR STORAGE WHERE INDICATED.
5. PREVENT MOVEMENT OR SETTLEMENT OF STRUCTURE. PROVIDE & PLACE BRACING & SHORING & BE RESPONSIBLE FOR SAFETY & SUPPORT OF STRUCTURE, AS DETERMINED BY G.C, ENLISTED STRUCTURAL ENGINEER. ASSUME LIABILITY FOR SUCH MOVEMENT, SETTLEMENT DAMAGE OR INJURY.
6. ARRANGE & PAY FOR DISCONNECTING, REMOVING & CAPPING UTILITY SERVICES WITHIN AREAS AFFECTED BY DEMOLITION. PLACE MARKERS TO INDICATE LOCATION OF DISCONNECTED SERVICES. LOCATE SPRINKLER SHUT-OFF VALVE & SMOKE ALARM PRIOR TO COMMENCING WORK; COORDINATE REQUIRED MODIFICATION WITH LANDLORD.
7. CAREFULLY REMOVE MATERIALS & EQUIPMENT WHICH ARE INTENDED TO BE REUSED. STORE IN A SECURE LOCATION. REMOVE DEBRIS, REFUSE & MATERIALS BEING DEMOLISHED IMMEDIATELY FROM THE SITE.
8. ERECT & MAINTAIN WEATHERPROOF & DUSTPROOF CLOSURES & PARTITIONS TO PREVENT WEATHER DAMAGE OR SPREAD OF DUST, FUMES & SMOKE TO OTHER PARTS OF THE BUILDING. IN ACCORDANCE WITH MALL GUIDELINES & STIPULATIONS.
9. PERFORM DEMOLITION IN ACCORDANCE WITH APPLICABLE AUTHORITIES HAVING JURISDICTION.
10. REPAIR ALL DEMOLITION IN EXCESS OF THAT REQUIRED AT NO COST TO THE OWNER.
11. REMOVE FROM SITE CONTAMINATED, VERMIN INFESTED OR DANGEROUS MATERIALS ENCOUNTERED; DISPOSE OF BY SAFE MEANS TO PROTECT HEALTH OF WORKERS & PUBLIC.

DIVISION 03 - CONCRETE REPAIR & REPLACEMENT

1. WORK INCLUDES: PATCHING OF SLAB AFTER DEMOLITION & REMOVAL OF FINISHES; FILLING & LEVELING JOINTS & CRACKS; FILLING ABANDONED ELECTRICAL BOXES & ANY HOLES GREATER THAN 1/2".
2. USE RAECO-LITH "R-35" AS UNDERLAYMENT FOR PATCHING OR APPROVED EQUAL. MIX SHALL BE TWO PARTS - MORTAR MIX & LATEX BINDER. MIX & INSTALL PER MANUFACTURER'S LATEST WRITTEN & RECOMMENDED DIRECTIONS.

DIVISION 04 - MASONRY

CONCRETE MASONRY UNITS

1. CONCRETE MASONRY UNITS ARE TO BE SQUARE-EDGED UNITS FOR OUTSIDE CORNERS, UNLESS OTHERWISE INDICATED.
2. WHERE REQUIRED, USE DECORATIVE CONCRETE MASONRY UNITS TO MATCH EXISTING SHELL FINISH:
   a. EXPOSED FACES TO BE GROUND FINISH, SPLIT-FACE FINISH OR SPLIT-RIBBED FINISH TO MATCH EXISTING

FACE BRICK

1. FACE BRICK (ASTM C 216) IS TO BE OF STANDARD SIZE TO MATCH EXISTING SHELL SPACE.
2. CONTRACTOR IS TO USE SOLID BRICK WITH FINISHED SURFACES AT ENDS & CAPS.
3. SPECIAL SHAPES ARE TO BE USED IN APPLICATIONS WHERE SAW CUTTING WOULD LEAVE EXPOSED END UNFINISHED EXPOSED TO VIEW.

MORTAR

1. ASTM 270, ASTM C 1142 & UBC STANDARD 21-15 ARE ACCEPTABLE.
2. CALCIUM CHLORIDE SHALL NOT BE USED IN MORTAR MIXTURE.
3. FOR MASONRY BELOW GRADE, IN CONTACT WITH EARTH, REINFORCED MASONRY TYPE S OR RS SHALL BE USED (MATCH EXISTING). FOR EXTERIOR ABOVE GRADE, LOAD BEARING, NON-LOAD BEARING & PARAPET WALLS TYPE N OR RN SHALL BE USED (MATCH EXISTING).

JOINT & CELL REINFORCEMENT, TIES & ANCHORS

1. PROVIDE JOINT REINFORCEMENT FORMED FROM GALVANIZED CARBON-STEEL WIRE (ASTM A 153, CLASS B-2 FOR BOTH INTERIOR & EXTERIOR WALLS)
2. FOR SINGLE-WYTHE MASONRY, PROVIDE LADDER OR TRUSS DESIGN REINFORCEMENT.
3. INSTALL #4 BARS MIN. AT ENDS OF WALLS & 48" O.C. MIN. IN SOLID GROUTED CELLS OVERLAP BARS 18" MIN. & TIE, AS REQUIRED.

EXECUTION

1. CUT MASONRY UNITS WITH MOTOR-DRIVEN SWAS. INSTALL CUT UNITS WITH CUT SURFACE CONCEALED.
2. MASONRY UNITS TO BE MIXED FROM SEVERAL PALLETS AS THEY ARE PLACED TO CREATE UNIFORM BLEND OF COLOR & TEXTURE.
3. COURSING, BONDING, COLOR & TEXTURE OF NEW MASONRY IS TO MATCH EXISTING.
4. EXPOSED JOINTS ARE TO BE TOOLED SLIGHTLY WHEN THUMBPRINT HARD.
5. ALL CAVITIES ARE TO BE KEPT CLEAN OF MORTOR DROPPINGS & OTHER MATERIALS DURING CONSTRUCTION. CAVITY JOINTS ARE TO BE TOOLED FLUSH.

CLEANING

1. MASONRY BLOCK, FACE BRICK & VENNER TO BE CLEANED AS WORK PROGRESSES. MORTOR FINS, SMUDGES & SMEARS ARE TO BE REMOVED PRIOR TO TOOLING JOINTS.
2. AFTER MORTOR HAS COMPLETELY SET & CURED, ALL LARGE MORTOR PARTICLES ARE TO BE REMOVED & UNITS MASONRY IS TO BE SCRUBBED THOROUGHLY.

DIVISION 05 - METAL FABRICATIONS

1. PROVIDE ALL MISCELLANEOUS METAL ITEMS INCLUDING MATERIALS, FABRICATIONS, FASTENINGS & ACCESSORIES REQUIRED FOR FINISHED INSTALLATION AS INDICATED & SPECIFIED.
2. STEEL SHALL BE ASTM A366 AMERICAN OPEN HEARTH SHEET STEEL, FREE FROM SCALE & PITTING & OTHER DEFECTS AFFECTING APPEARANCE.
3. TUBING SHALL CONFORM TO REQUIREMENTS OF ASTM A500 OR A501 AS APPROVED.
4. WHERE METAL ITEMS ARE TO BE ERECTED & IN CONTACT WITH DISSIMILAR MATERIALS, PROVIDE CONTACT SURFACES WITH COATING OF AN IMPROVED ZINC CHROMATE PRIMER IN A MANNER TO OBTAIN NOT LESS THAN 1.0 MIL DRY FILM THICKNESS.
5. SHEET STEEL SHALL CONFORM TO REQUIREMENTS OF ASTM A606.
6. CARBON STEEL BARS SHALL CONFORM TO REQUIREMENTS OF ASTM A321.
7. ALUMINUM EXTRUSIONS SHALL CONFORM TO ASTM B221. REVEALS TO BE CLEAR ANODIZED FINISH (UNLESS OTHERWISE NOTED).
8. FASTENERS SHALL BE AS REQUIRED FOR ASSEMBLY & INSTALLATION OF FABRICATED ITEMS.
9. BOLTS SHALL BE LOW CARBON STEEL EXTERNALLY & INTERNALLY THREADED FASTENERS CONFORMING WITH REQUIREMENTS OF ASTM A307; INCLUDE NECESSARY NUTS & PLAIN HARDENED WASHERS. FOR MEMBERS FOR SUPPORT OF STRUCTURAL MEMBERS OR CONNECTION THERETO, USE FASTENERS CONFORMING WITH ASTM A325 FOR STAINLESS STEEL & NON- FERROUS ITEMS, USE TYPE 302 & 304 STAINLESS STEEL FASTENERS.
10. MISCELLANEOUS MATERIALS: PROVIDE ALL INCIDENTAL ACCESSORY MATERIALS, TOOLS, METHODS & EQUIPMENT REQUIRED FOR FABRICATION & INSTALLATION OF MISCELLANEOUS METAL ITEMS AS INDICATED ON DRAWINGS.
11. VERIFY DIMENSIONS PRIOR TO FABRICATION OR CASTING. FORM METAL ITEMS TO ACCURATE SIZES & CONFIGURATIONS AS INDICATED ON DRAWINGS & OTHERWISE REQUIRED FOR PROPER INSTALLATION; FABRICATE WITH ALL LINES STRAIGHT & ANGLES SHARP. CLEAN & TRUE; DRILL, COUNTERSINK, TAP & OTHERWISE PREPARE ITEMS FOR CONNECTION WITH WORK OF OTHER TRADES. MAKE PERMANENT CONNECTIONS BY WELDING & GRIND ALL EXPOSED WELDS SMOOTH TO MATCH ADJACENT SURFACES; ROUGH JOINT SURFACES SO PERMITTED. AVOID USING BOLTS & SCREWS UNLESS SPECIFICALLY INDICATED OR APPROVED; WHEN USED, DRAW UP TIGHT & TIE THREADS TO PREVENT LOOSENING.
12. ALL FERROUS METAL ITEMS SHALL BE SHOP FINISHED. TOUCH-UP OR REPAIR DAMAGED AREAS PRIOR TO INSTALLATION WITH SAME MATERIAL.
13. PROVIDE CONTACT SURFACES WITH CONCRETE MASONRY OR OTHER DISSIMILAR MATERIALS WITH A MINIMUM ONE POINT ZERO (1.0) MIL DRY THICKNESS OF AN APPROVED ZINC CHROMATE PRIMER.
14. PROVIDE ALL STEEL BLOCKING & BRACING IN METAL STUD FRAMED PARTITIONS NECESSARY FOR A COMPLETE INSTALLATION. INCLUDE AS REQUIRED FOR SUPPORT OF ALL WALL-MOUNTED EQUIPMENT & FABRICATIONS NOT INDICATED ON DRAWINGS. PROVIDE SUPPORTS AT JAMBS OF DOORS & ELSEWHERE, AS REQUIRED.
15. FABRICATE ALL MISCELLANEOUS FRAMING & BRACING ITEMS TO DETAIL OF STRUCTURAL SHAPES, PLATES & BARS; WELD JOINTS WHERE PRACTICAL; PROVIDE BOLTS & OTHER CONNECTION DEVICES REQUIRED. INCLUDE ANCHORAGES, CLIP ANGLES, SLEEVES, ANCHOR PLATE & SIMILAR DEVICES. WHETHER IMPLIED OR INDICATED. SET ACCURATELY IN POSITION AS REQUIRED & ANCHOR SECURELY TO BUILDING CONSTRUCTION WITH FASTENERS APPROP- RIATE TO THE INSTALLATION

DIVISION 06 - WOOD & PLASTICS

1. PROVIDE ROUGH LUMBER & PLYWOOD IN STANDARD DIMENSIONS. MOISTURE CONTENT NOT MORE THAN 19%.
2. PROVIDE ALL NECESSARY ROUGH HARDWARE IN SIZES & QUANTITIES REQUIRED BY LOCAL CODE OR APPROVED BY ARCHITECT.
3. USE FINISH OR CASING NAILS FOR EXPOSED WORK, USE TYPE "S" TRIM HEAD SCREWS OR A FLUSH ATTACHMENT OF WOOD TRIM TO METAL STUD, RUNNER OR FURRING
4. RELIEVE BACKS OF WOOD TRIM; KERF BACKS OF MEMBERS MORE THAN 5" WIDE & 1" NOMINAL THICKNESS; EASE ALL EXTERNAL CORNERS.
5. INSTALL LAMINATES ONLY WHEN RECEIVING SURFACES ARE IN A SATISFACTORY CONDITION FOR INSTALLATION.
6. PROTECT FROM DAMAGE BY OTHER TRADES WORKING ADJACENT TO THE INSTALLATION. REPLACE DAMAGED SURFACES.
7. REMOVE EXCESS ADHESIVE & CLEAN SURFACES USING MANUFACTURER'S RECOMMENDED SOLVENT & CLEANING PROCEDURES.
8. FILL IN ALL SEAMS WITH MANUFACTURER'S APPROPRIATE COLOR SEAM COMPOUND.
9. INSTALL WOODS & PLASTICS IN CONFORMANCE WITH DETAILS WITH THE FOLLOWING CONSIDERATIONS & REQUIREMENTS:
   a. INSTALL ALL MATERIAL WITH TIGHT JOINTS.
   b. MITER CASINGS & MOLDINGS.
   c. ALL RUNNING TRIM ONE (1) PIECE UP TO 10'-0". MATCH GRAIN & COLOR PIECE TO PIECE.
   d. USE FINISH NAILS EXCEPT WHERE SCREWS ARE SPECIFICALLY CALLED FOR OR WHERE SCREWS DO NOT SHOW.
   e. SET FASTENERS FOR PUTTYING.
   f. WHERE SCREW ATTACHMENT REQUIRED, SPACE SCREWS AT EQUAL INTERVALS; SINK & PUTTY IN FINISH WOOD SURFACES.
   g. ALL MEMBERS & LINES LEVEL & PLUMB.
   h. SELECT & CUT MATERIAL TO EXCLUDE DAMAGED, MARKED OR DEFECTIVE AREAS.
   i. FINISH EXPOSED SURFACES SMOOTH, FREE FROM TOOL & MACHINE MARKS
   j. EASE ALL EXPOSED WOOD EDGES 1/8" MINIMUM RADIUS.
   k. INSTALL FIRE RATED DOORS IN ACCORDANCE WITH REQUIREMENTS OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RECOMMENDATIONS.

DIVISION 07 - SEALANTS & CAULKING

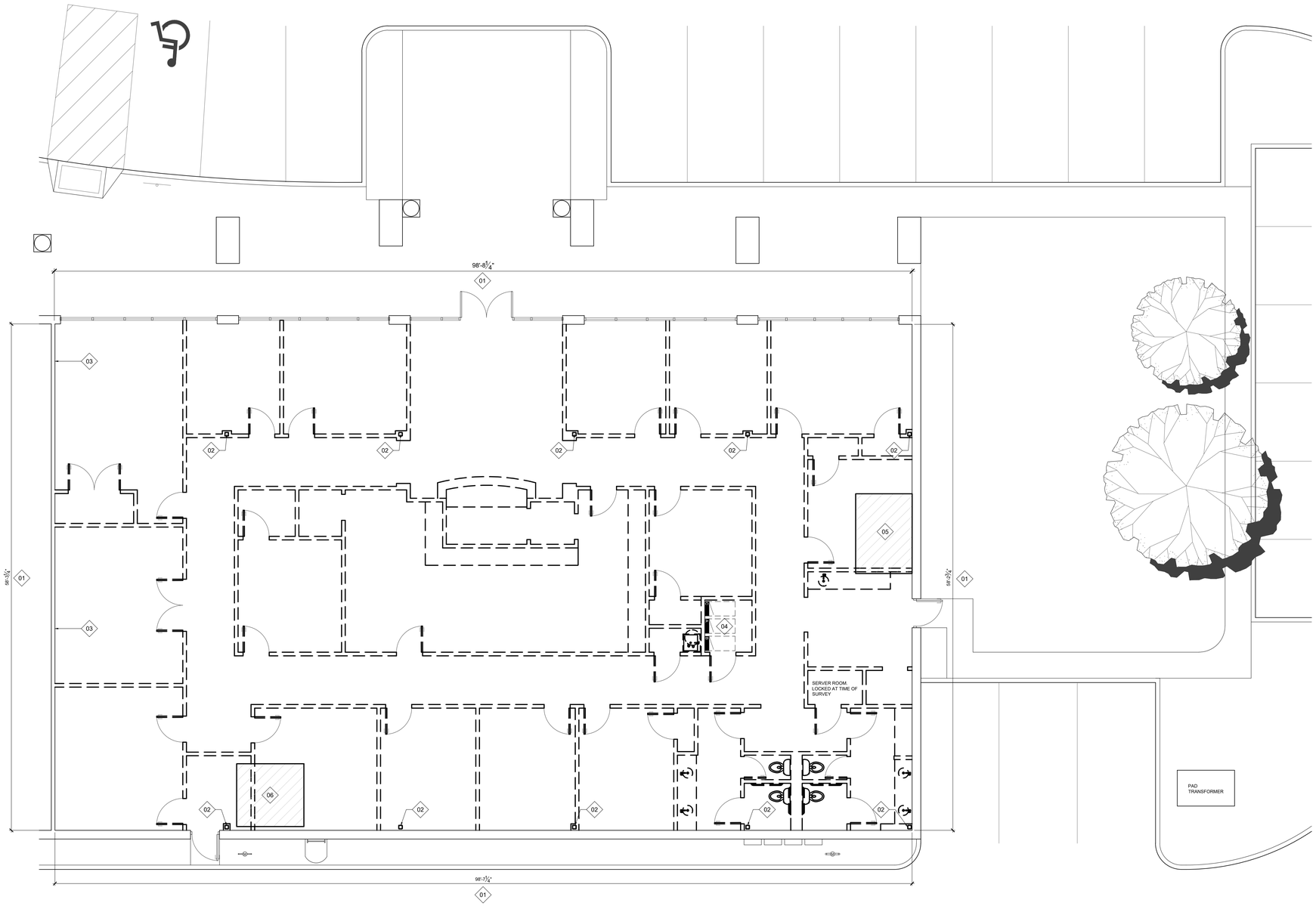
1. PROVIDE NON-SAG SEALANT COMPLYING WITH REQUIREMENTS OF FEDERAL SPECIFICATIONS TTS-1543 OR FS TT-S-230 TYPE "II", CLASS "A". PROVIDE ACOUSTICAL SEALANT WHICH SHALL BE NON-HARDENING, NON-DRYING SYNTHETIC RUBBER SEALING COMPOUND WITH MINIMUM 90% SOLIDS. USE AT ALL INTERIOR JOINTS AT INTERSECTIONS BETWEEN PLANES. AROUND DOOR & WINDOW FRAMES PRIMER SHALL BE MADE OR RECOMMENDED BY SEALANT MANUFACTURER FOR THE SPECIFIC CONDITIONS & SUBSTRATES.
2. PROVIDE BACKING MATERIAL BY DOW "ETHAFOAM" OR APPROVED EQUAL. APPLY SEALANT OVER BACKING TO UNIFORM DEPTHAND THICKNESS AS REQUIRED FILLING ALL JOINTS & VOIDS. SOLID. SUPERFICIAL POINTING WITH THE SKIM BEAD WILL NOT BE ACCEPTED. JOINTS OVER 1/4" IN WIDTH MUST BE REDUCED / ADJUSTED PRIOR TO SEALING. ALL GAPS WIDE ENOUGH TO ACCEPT A SLIP OF PAPER MUST BE SEALED.
3. ALL SURFACES SHALL BE ADEQUATELY CLEANED & PREPARED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS PRIOR TO INSTALLATION.
4. THE KEC. IS RESPONSIBLE FOR SEALING ALL KITCHEN EQUIPMENT PROVIDED W/ SANITARY SILICONE SEALANT, CLEAR OR WHITE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SEALING ALL OTHER GAPS INCLUDING, WOOD BASE TO VCT., LAMINATE PANELS TO TRIM, CASING, ETC. W/ CLEAR OR PAINTABLE SEALANT AT DRYWALL / PAINT AS REQUIRED & REQUESTED BY INSPECTORS & OWNER.
5. ALL PENETRATIONS IN MILLWORK ARE TO BE SEALED BY G.C. EXPOSED WOOD SURFACES IN CABINETS / COUNTERS ARE TO BE SEALED BY MILLWORK CONTRACTOR.

DIVISION 08 - WOOD & HOLLOW METAL DOORS & FRAMES

1. PROVIDE FULLY WELDED DOOR FRAMES AT ALL G.C. PROVIDED DOORS. FREE FROM SCALE & PITTING & OTHER SURFACE DEFECTS, UNLESS OTHERWISE NOTED.
2. PROVIDE HOLLOW METAL EXIT DOOR CONSTRUCTED WITH THE FOLLOWING MATERIALS:
   - MINIMUM 18 GA. FOR FACE SHEETS OF INTERIOR DOORS.
   - 16 GA. FOR EDGE CHANNELS.
   - MINIMUM 22 GA. FOR FACE STIFFENERS.
   - MINIMUM 16 GA. FOR INTERIOR FRAMES.
3. PROVIDE DOORS OF SIZES & TYPES INDICATED ON DRAWINGS, FULLY WELDED SEAMLESS CONSTRUCTION WITH NO VISIBLE SEAMS OR JOINTS ON FACES OR VERTICAL EDGES; THICKNESSES AS SCHEDULED ON DRAWINGS. DOOR TOPS TO BE ENCLOSED W/ NO OPEN CHANNEL.
4. FACE STIFFENERS, EDGES & HARDWARE REINFORCEMENT SHALL BE THE HIGHEST QUALITY WORKMANSHIP & MATERIALS. PROVIDE IN ACCORDANCE WITH BEST TRADE PRACTICE & MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR THE USE INTENDED.
5. HARDWARE REINFORCEMENT & ANCHORS (ERECTION, FLOOR & JAMB) SHALL BE AS REQUIRED FOR A SECURE INSTALLATION & SHALL BE IN ACCORDANCE WITH TRADE REQUIRE- MENTS FOR THE SPECIFIED HARDWARE & INTENDED USE.
6. AFTER FABRICATION, DRESS, FILL & SAND EXPOSED SURFACES, BODY-PUTTY HOLES & IMPERFECTIONS. APPLY UNIFORM COAT OF MANUFACTURER'S STANDARD PRIME COAT TO ALL EXPOSED SURFACES. LEAVE READY TO RECEIVE FINISH PAINTING.
7. INSTALL FRAMES IN ACCURATE LOCATIONS AS INDICATED ON DRAWINGS. INSTALL RIGID, PLUMB, LEVEL & TRUE. ALIGN WITH ADJACENT CONSTRUCTION. SECURE FLOOR ANCHORS TO FLOOR CONSTRUCTION WITH APPROVED TYPE MECHANICAL FASTENERS. ANCHOR TO ADJOINING WALLS WITH SPECIFIED ANCHORS. BRACE FRAMES TO RETAIN POSITION & CONTINUOUSLY CHECK ALIGNMENT DURING CONSTRUCTION OF ADJACENT WALLS. ADJUST FRAME LOCATIONS AS NECESSARY USING SHIMS BEFORE FASTENING. LEAVE READY TO RECEIVE SEALANT AS REQUIRED. INSTALL DOOR SILENCERS AT ALL INTERIOR FRAMES.
8. INSTALL WOOD DOORS, FRAMES, & TRIM. SIZES & THICKNESS AS SCHEDULED ON THE DRAWINGS.
9. PREPARE DOORS FOR FINISH HARDWARE. OBTAIN TEMPLATES FROM HARDWARE MANUFACTURER & CONFIRM TYPE, LOCATION & SPECIAL REQUIREMENTS OF HARDWARE FOR EACH DOOR PRIOR TO CUTTING.
10. HANG DOORS AS SCHEDULED ON DRAWINGS, IN ACCURATE LOCATIONS WITH 1/8" CLEARANCE AT TOPS & 3/8" CLEARANCE AT BOTTOM, UNLESS SPECIFICALLY NOTED FOR THUNDERSHOLDS OR OTHER CONDITIONS IN FIT. MAKE NO MORE THAN THREE CUTS UNLESS APPROVED. HANG PAIRS OF DOORS AS SPECIFIED WITH 3/32" CLEARANCE AT MEETING EDGES. DEMONSTRATE THAT DOORS OPEN FREELY WITHOUT BINDING, & WHEN CLOSED, WILL LATCH PROPERLY.
11. ACCESS DOORS TO BE PROVIDED BY GENERAL CONTRACTOR AS REQUIRED. PROVIDE ACCESS DOORS BY MILCOR OR EQUAL. USE STYLE DW AT WALLS & CEILINGS, (OR AS REQUIRED FOR RATING). SIZE AS INDICATED. FRAME SHALL BE GALVANIZED STEEL, DRYWALL BEAD FOR FRAME CONCEALMENT. PANEL SHALL BE 14GA. STEEL WITH SPRING TYPE CONCEALED HINGES OPENING TO 175 DEGREES. LOCKS SHALL BE FLUSH, SCREWDRIVER OPERATED WITH METAL CAN. PRIME COAT SHALL BE FACTORY APPLIED.
12. PROVIDE WEATHERSTRIPPING AT ALL EXTERIOR DOORS, AS REQUIRED TO PROVIDE NO VISIBLE LIGHT LEAKING. WEATHERSTRIPPING IS TO BE FASTENED TYPE. ADHERED RUBBER TYPE STRIPS ARE NOT ACCEPTABLE. PROVIDE VERTICAL BRUSH TYPE STRIP BETWEEN SLIDING EDGES AT DOUBLE DOORS.
13. THRESHOLDS ARE TO BE SEALED TO FLOOR AT ALL LOCATIONS.

HARDWARE

1. ALL FINISH HARDWARE FOR COMPLETE WORK SHALL BE FURNISHED & INSTALLED IN ACCORDANCE WITH DRAWINGS & SPECIFICATIONS. QUANTITIES LISTED, IN ANY INSTANCE, ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY & ARE NOT GUARANTEED. ITEMS NOT SPECIFICALLY MENTIONED BUT NECESSARY TO COMPLETE THE WORK SHALL BE FURNISHED MATCHING THE QUALITY & FINISH OF THE ITEMS SPECIFIED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER OPERATION & FITTING OF HARDWARE IN LOCATIONS SPECIFIED. THE CONTRACTOR SHALL PROVIDE UNDER LOCK & KEY TO STORE ALL FINISH HARDWARE UNTIL INSTALLATION IS MADE. THE HARDWARE SUPPLIER MUST MARK EACH ITEM OF HARDWARE AS TO DESCRIPTION & LOCATION OF INSTALLATION IN ACCORDANCE WITH APPROVED HARDWARE SCHEDULE. EXPOSED SURFACES OF HARDWARE SHALL BE COVERED & WELL PROTECTED DURING INSTALLATION, SO AS TO AVOID DAMAGE TO FINISHES.
3. PROVIDE HARDWARE FOR FIRE-RATED OPENINGS IN COMPLIANCE WITH REQUIREMENTS OF NFPA 80. THIS REQUIREMENT TAKES PRECEDENCE OVER OTHER REQUIREMENTS FOR SUCH HARDWARE.
4. HARDWARE FINISH SHALL BE DARK BRONZE US -10B IN PUBLIC AREAS & SATIN CHROME IN NON-PUBLIC AREAS, U.N.O.
5. HARDWARE SUPPLIER WILL PROVIDE APPROVED SCHEDULED & PAPER TEMPLATES TO VARIOUS OTHER SUPPLIERS FOR DOOR & FRAME PREPARATION FOR HARDWARE.
6. FURNISH & FINISH HARDWARE, CYLINDERS & KEYS: "BEST" SEVEN PIN ROD.
7. EACH ITE



1 DEMOLITION PLAN
3/16"=1'-0"

DEMOLITION KEYNOTES

01 VERIFY ACTUAL DIMENSION MATCHES INDICATED CRITICAL DIMENSION AFTER DEMOLITION AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.

02 EXISTING COLUMNS TO REMAIN & BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. VERIFY LOCATIONS OF ALL COLUMNS ON PLANS AT THE END OF DEMOLITION AND COORDINATE ANY CONFLICTS W/ ARCHITECT

03 G.C. TO VERIFY EXISTING DEMISING WALL IS CONSTRUCTED IN ACCORDANCE W/ UL-419 1-HOUR FIRE RATING.

04 ELECTRICAL CONTRACTOR TO INSPECT EXISTING PANELS FOR DAMAGE & CORROSION AND REPAIR/ REPLACE AS REQUIRED.

05 SAW CUT EXISTING SLAB AND REMOVE EXISTING PORTION OF SLAB. IF REQUIRED EXCAVATE SUBGRADE AS REQUIRED FOR SURFACE OF NEW THICKENED SLAB TO BE RECESSED FROM EXISTING. SEE LAUNDRY THICKENED SLAB DETAILS/SPEC MORE INFORMATION. SEE PLANS FOR LOCATION AND SIZE OF AREA TO BE REMOVED.

06 SAW CUT EXISTING SLAB AND REMOVE EXISTING PORTION OF SLAB. IF REQUIRED EXCAVATE SUBGRADE AS REQUIRED FOR SURFACE OF NEW THICKENED SLAB TO BE RECESSED FROM EXISTING. SEE SAUNA CUT SHEETS FOR DEPTH OF NEW RECESSED CONCRETE SLAB. SEE PLANS FOR LOCATION AND SIZE OF AREA TO BE REMOVED.

DEMOLITION NOTES

1. DEMOLISH EXISTING CONSTRUCTION AS INDICATED ON THE DRAWINGS AND REQUIRED BY JOB CONDITIONS. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS THAT WOULD PREVENT REMOVAL OF ANY ELEMENTS INDICATED.
2. PROTECT EXISTING CONSTRUCTION AND EQUIPMENT DESIGNATED TO REMAIN.
3. CONTRACTOR SHALL ENDEAVOR TO IDENTIFY ANY HAZARDOUS MATERIALS WITHIN THE SPACE, INCLUDING BUT NOT LIMITED TO ASBESTOS BEARING MATERIALS, AND WHERE REQUIRED BY LAW, PROVIDE REQUIRED TESTING. WHERE HAZARDOUS MATERIALS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARRANGE FOR PROPER REMEDIATION.
4. UNLESS INDICATED OTHERWISE BY OWNER OR THESE DRAWINGS, ALL REMOVED MATERIAL AND ALL DEBRIS BECOMES THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE DEMOLISHED ITEMS FROM THE SITE AND DISPOSE OF THEM IN A LEGAL MANNER.
5. THE CONTRACTOR SHALL ADHERE TO ANSI A10.6 SAFETY REQUIREMENTS FOR DEMOLITION PUBLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE.
6. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE ADEQUACY AND INSTALLATION OF ALL TEMPORARY SHORING SYSTEMS USED DURING THE REMOVAL OF ANY STRUCTURAL ELEMENTS, EXCEPT AS OTHERWISE AGREED BY THE BUILDING DEPT. AND THE ARCHITECT.
7. IF THE SAFETY OF EXISTING CONSTRUCTION APPEARS TO BE ENDANGERED AT ANY TIME, CEASE DEMOLITION AND IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT. CONTRACTOR SHALL DEVISE A PLAN TO MAKE SAFE THE JOB SITE, TAKING PRECAUTIONS TO PROTECT LIFE SAFETY FIRST AND FOREMOST. WORK SHALL NOT RESUME UNTIL DANGEROUS CONDITIONS HAVE BEEN CORRECTED TO THE ARCHITECT'S SATISFACTION.
8. THE DRAWINGS DO NOT NECESSARILY INDICATE THE FULL EXTENT OF THE WORK REQUIRED TO BE PERFORMED TO COMPLETE THE EXISTING CONSTRUCTION. IT IS THE CONTRACTOR'S TO DETERMINE THE FULL EXTENT OF WORK TO BE PERFORMED AND THE PROBLEMS INVOLVED. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF FAILURE TO ESTIMATE THE FULL EXTENT OF THE WORK OR FOR ANY CONTINGENCIES IN CONNECTION THEREWITH.
9. ALL WORK SHALL BE PERFORMED BY SKILLED AND PROPERLY EQUIPPED PERSONNEL AND LICENSED WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
10. DEMOLITION AND REMOVAL OF ITEMS WHEN A SCAFFOLD, LADDER, OR OTHER VERTICAL ACCESS IS REQUIRED SHALL BE LOWERED BY CONTROLLED METHODS, NOT BY THROWING OR DROPPING.
11. PERFORM ANY CUTTING AND STRIPPING SO THAT THE WORK TO REMAIN IS UNDAMAGED AND IN SUCH MANNER THAT NEW WORK CAN BE PROPERLY CONNECTED WITH EXISTING WORK TO REMAIN.
12. DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT NECESSARY FOR THE PROPER INSTALLATION OF NEW CONSTRUCTION AND JUNCTION WITH EXISTING. WORK. CUT BACK FINISHED SURFACES TO STRAIGHT, PLUMB AND LEVEL AS REQUIRED.
13. SAWING SHALL BE PERFORMED BY EXPERIENCED CRAFTSMEN CUSTOMARILY ENGAGED IN AND PROPERLY EQUIPPED FOR THE PERFORMANCE OF THE TYPE OF WORK REQUIRED BY JOB CONDITIONS. PROVIDE DUST CONTROL EQUIPMENT FOR CONTROL OF WASTE COOLING LIQUID AND DUST PROTECTION AS REQUIRED.
14. WHEN REQUIRED FOR NEW WORK, INCIDENTAL REMOVAL OF EXISTING ELEMENTS MAY BE REQUIRED FOR THE INSTALLATION OF PIPING, CONDUIT, TUBING, DUCTWORK, OR OTHER CONVEYANCE ELEMENTS AS REQUIRED BY MECHANICAL, PLUMBING, AND ELECTRICAL SCOPE. THE DRAWINGS MAY NOT INDICATE ANY SUCH INCIDENTAL DEMOLITION. HOWEVER IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PERFORM SUCH.
15. DRILLING AND INSTALLING SLEEVES FOR PASSAGE OF PIPING, CONDUIT, AND TUBING SHALL BE PERFORMED BY THE TRADE INSTALLING THE PIPING, CONDUIT, OR TUBING.
16. REPAIR, RESTORE, REPLACE, OR MAKE GOOD ANY DAMAGE TO EXISTING CONSTRUCTION WHICH OCCURS AS A RESULT OF DEMOLITION OPERATIONS AT NO ADDITIONAL COST TO THE OWNER. THIS INCLUDES BUT IS NOT LIMITED TO ROOF PATCHING, REQUIRED DUE TO DEMOLITION AND SHALL BE COORDINATED WITH THE LANDLORD AND LANDLORD'S ROOFER.
17. DO NOT ALLOW MATERIALS AND DEBRIS GENERATED BY DEMOLITION ACTIVITIES TO ACCUMULATE. REMOVE DAILY AND DISPOSE OF IN A LEGAL MATTER. NO ON-SITE SALE, BURNING, OR BURYING OF DEMOLISHED MATERIALS WILL BE PERMITTED. DEBRIS SHALL NOT BE STORED OR STAGED NEAR ANY BACKFILL MATERIAL TO PREVENT CONTAMINATION OF BACKFILL WITH UNSUITABLE FILL.
18. LEAVE ALL SPACES BROOM CLEAN WITH ALL LEDGES AND CORNERS PROPERLY CLEANED AT THE END OF EACH WORK DAY.
19. PROVIDE PROTECTION TO PREVENT GLASS BREAKAGE AS MAY BE REQUIRED. REPLACE IN KIND ANY GLASS BROKEN BY CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST.
20. PROVIDE HOISTS AND CHUTES AS REQUIRED TO CONVEY REMOVED MATERIAL THROWING, DROPPING, OR PERMITTING THE FREE FALL OF MATERIAL AND DEBRIS FROM HEIGHTS WHICH WOULD CAUSE DAMAGE TO WORK, CAUSE EXCESSIVE NOISE OR NUISANCE, CREATE UNSAFE CONDITIONS, OR CAUSE EXCESSIVE DUST IS EXPRESSLY PROHIBITED.
21. WHERE REQUIRED, ERECT SIGNS, BARRICADES, AND SUCH OTHER FORMS OF WARNING TO PREVENT PERSONNEL FROM BEING PUT AT RISK OF INJURY.
22. DOORS AND HARDWARE: REMOVE CAREFULLY TO AVOID DAMAGE. WHERE AS POSSIBLE, LEAVE HARDWARE ATTACHED TO THE DOOR. WHERE THIS IS NOT PRACTICAL, PLACE ITEMS OF HARDWARE IN A CLOTH BAG ATTACHED TO THE DOOR.
23. PARTITIONS: REMOVE PARTITION FINISH, STUDS, PLATES, AND SILLS, WHERE ONLY A PARTIAL RUN IS REMOVED, CUT BACK FINISH MATERIAL TO THE CENTERLINE OF THE NEXT ADJACENT SUPPORT MEMBER. PREPARE REMAINING MATERIAL WITH A CLEAN TERMINAL LINE WITH NO LOOSE MATERIAL ADHERING.
24. MECHANICAL, ELECTRICAL, PLUMBING: CAREFULLY REVIEW PLANS AND DETERMINE LINES TO BE REMOVED, CAPPED, OR TERMINATED TO, OR TO BE REACTIVATED. PROTECT LINES TO REMAIN. PROVIDE FOR MINIMUM SERVICE INTERRUPTION OF LINES TO REMAIN.
25. REMOVE FIXTURES AND EQUIPMENT AS INDICATED. WHERE INDICATED FOR REUSE, CLEAN, STORE AS DIRECTED, PROTECT, AND CLEARLY LABEL FOR REUSE.
26. REMOVE EXISTING FLOOR FINISHES AND PREPARE SUBSTRATE FOR NEW FINISH. WHERE NOT INDICATED, WORK SHALL BE DEEMED ACCEPTABLE PROVIDED THAT THE SUBSTRATE WILL ACCEPT THE NEW FINISH WITH NO NOTICEABLE ALTERATION HAVING BEEN MADE. PROVIDE LEVELING AGENT OR GAP FILL IF REQUIRED.
27. WHERE CONCRETE TOPPING OR OTHER LEVELING AGENTS ARE REQUIRED FOR A PROPER INSTALLATION OF A FINISH, THE SUBSTRATE SHALL BE CLEANED AND PREPARED AS TO ALLOW PROPER ADHESION OF THE LEVELING AGENT.
28. CONTRACTOR SHALL PROTECT LOW VOLTAGE WIRING TO REMAIN AND CLEARLY LABEL WIRING CONNECTIONS AT EACH END TO ALLOW FOR REUSE IN NEW LAYOUT SUCH THAT OTHERS MAY QUICKLY IDENTIFY WIRING RUNS FOR RECONNECTION.
29. NOTIFY ARCHITECT IMMEDIATELY IF ANY COLUMNS, OTHER STRUCTURAL ELEMENTS, OR UTILITY RISERS ARE DISCOVERED THAT WILL INTERFERE WITH THE CONSTRUCTION PLAN AND ARE NOT ALREADY IDENTIFIED ON PLANS.
30. COORDINATE DUMPSTERS WITH LL REPRESENTATIV. ANY PHYSICAL DAMAGE TO MODERA COMMON AREA IS TENANT'S RESPONSIBILITY TO REPAIR AND/OR REPLACE AT TENANT'S EXPENSE. CONFIRM WORK HOURS WITH RULES & REGULATIONS.

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
- NEW 2 HOUR FIRE-RATED WALL
- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL
- EXISTING WALL TO BE DEMOLISHED

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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

DEMO PLAN

D1-1

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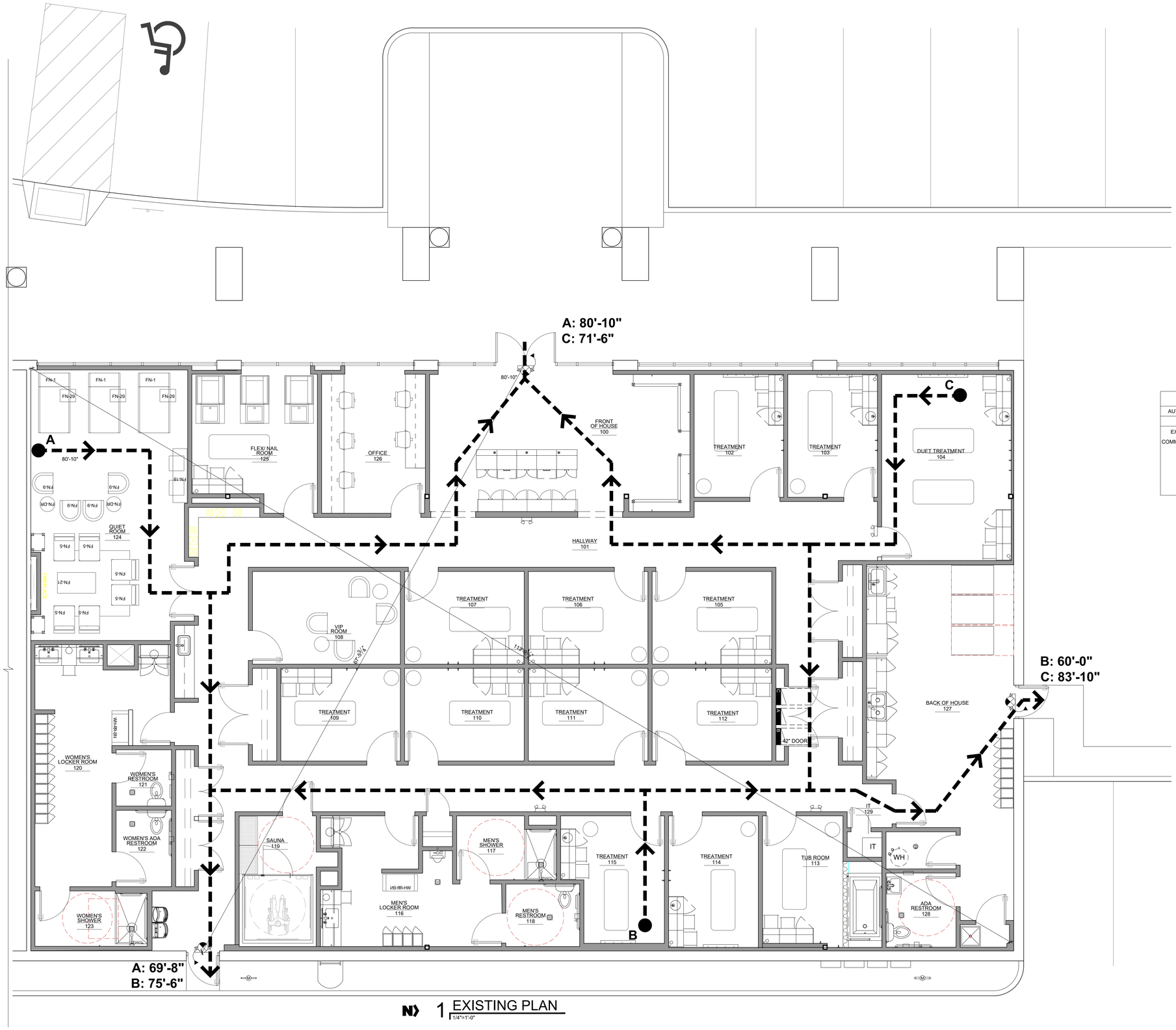

N 1 EXISTING PLAN
1/4"=1'-0"

SYMBOL LEGEND

- EMERGENCY LIGHT
- EXIT SIGN
- COMBO EXIT SIGN EMERGENCY LIGHT
- COMBO EXIT SIGN EMERGENCY LIGHT WITH REMOTE HEAD
- ABC — TYPE ABC FIRE EXTINGUISHER
- EXIT — TACTILE EXIT SIGN, SEE DETAIL SHEET A8-6
- PATH OF EGRESS

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
- NEW 2 HOUR FIRE-RATED WALL
- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL
- EXISTING WALL TO BE DEMOLISHED

LIFE SAFETY INFORMATION

AUTOMATIC FIRE PROTECTION SYSTEM	YES	
EGRESS REQUIREMENTS	REQUIRED	PROVIDED
EXIT TRAVEL DISTANCE (TABLE 1017.2)	300' OR LESS	83'-10" MAX
COMMON PATH OF TRAVEL (TABLE 1006.1)	100' OR LESS	COMPLIES
EGRESS DOOR WIDTH	36" MIN	36"
EGRESS CORRIDOR WIDTH	36" MIN (OCC<50)	38" MIN
MINIMUM NUMBER OF EXITS	1 MIN (OCC<50)	3
MINIMUM EXIT WIDTH	36" MIN (OCC<50)	36" MIN. PROVIDED

N 01 LIFE SAFETY PLAN
1/4" = 1'-0"

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CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

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LIFE SAFETY PLAN

LS-01

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KEYNOTES

01 TOILET CONNECTION

02 SINK DRAIN

03 FLOOR DRAIN

04 WATER FOUNTAIN DRAIN, SEE MANUFACTURER SPEC FOR ROUGH IN HEIGHT

05 WASHING MACHINE DRAIN

06 MOP SINK

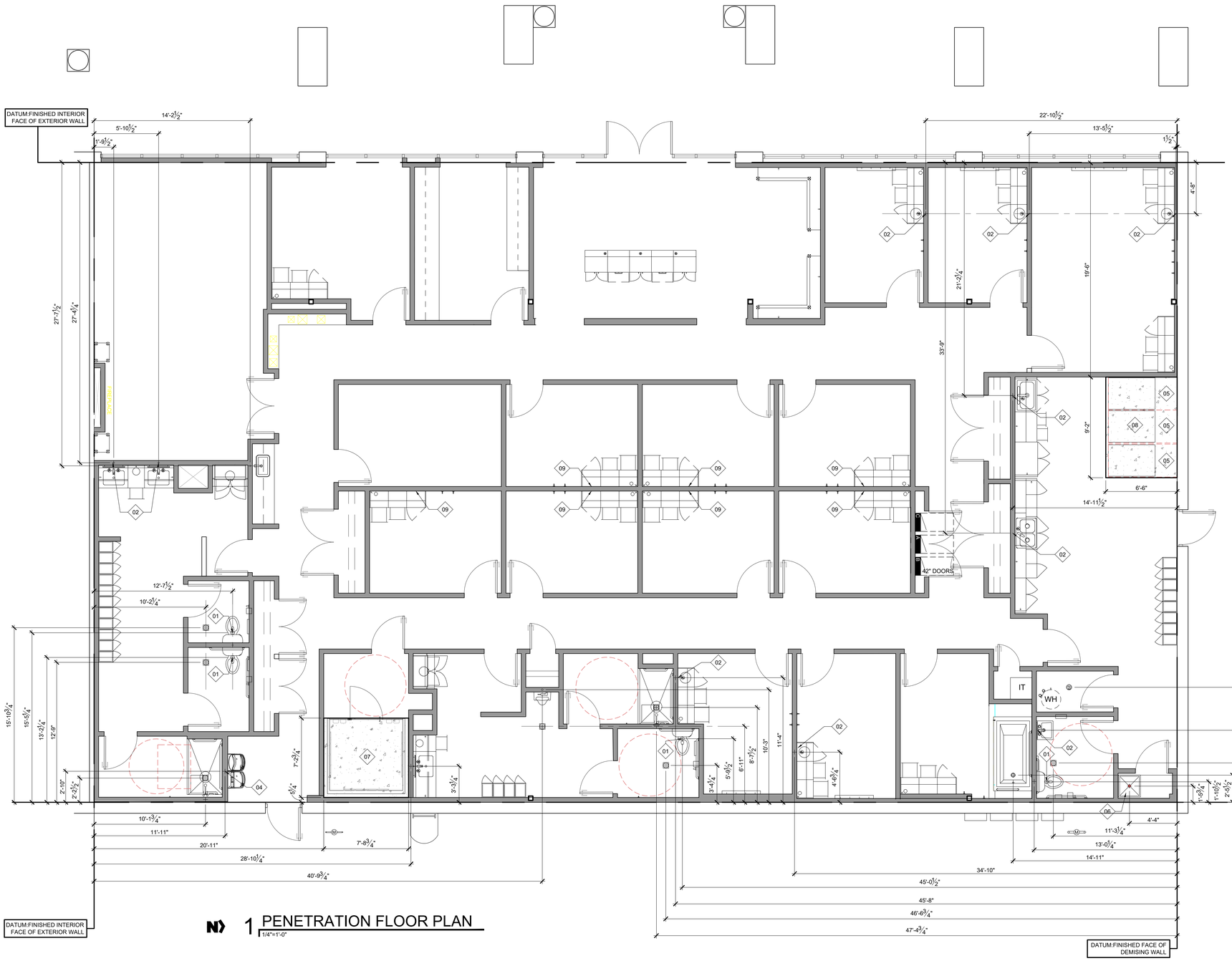
07 NEW RECESSED SLAB FOR SAUNA EQUIPMENT. ALL DIMENSIONS TO BE COORDINATED WITH SELECTED SAUNA SPECS.

08 NEW THICKENED CONCRETE SLAB ON GRADE AT LAUNDRY MACHINES, SEE DETAIL 3 THIS SHEET.

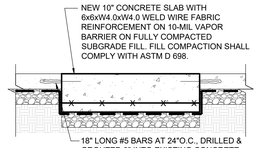
09 PROVIDE PLUMBING CLEANOUTS AT LOCATIONS FOR FUTURE SINKS IN ADJACENT TREATMENT ROOMS. PLUMBING TO RUN DOWN CENTER WALL AS NEEDED.

PENETRATION PLAN NOTES

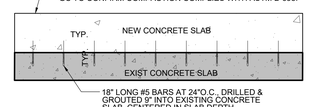
1. CONTRACTOR SHALL SAW CUT EXISTING SLAB AS REQUIRED TO INSTALL UNDERGROUND PIPING. ANY BACK FILL REQUIRED SHALL BE OF ¾" CA-6 COMPACTED GRAVEL LAID IN 6" LIFTS AS REQUIRED.
2. CONTRACTOR SHALL PATCH SLAB AS REQUIRED FOR NEW LAYOUT WITH LIKE CONSTRUCTION. WHERE NEW CONCRETE SLABS SHALL NOT BE LESS THAN 4" IN THICKNESS. PROVIDE LIKE VAPOR BARRIER AS EXISTING CONSTRUCTION.
3. FOR LARGE NON-LINEAR PATCHES THAT ARE IN EXCESS OF 36"x36" SQUARE AREA, PROVIDE DOWELS INTO EXISTING AND NEW SLAB.



1 PENETRATION FLOOR PLAN
1/4"=1'-0"



3 THICKENED LAUNDRY SLAB
3/4"=1'-0"



2 SLAB REINFORCEMENT DTL
1/4"=1'-0" *IF REQUIRED

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No.	Issue	Date
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PENETRATION PLAN

A1-11

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1 FLOOR PLAN
1/4" = 1'-0"

GC TO FIELD VERIFY ALL EXISTING DIMENSIONS & COLUMN LOCATIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

KEYNOTES

01 ALL PENETRATIONS IN FIRE RATED ASSEMBLIES SHALL BE SEALED IN ACCORDANCE WITH THE FIRE PENETRATION DETAIL ON SHEET A8-1.

02 COORDINATE ELECTRICAL FOR EXTERIOR WALL SIGNAGE WITH TENANT'S SIGN VENDOR. SIGN PERMIT'S UNDER SEPARATE COVER.

03 PROVIDE 3M OPAQUE FILM ON INSIDE FACE OF WINDOW AND DOOR GLAZING.

04 PROVIDE PREFINISHED ALUMINUM FIN AT WALL END TO GLAZING. PROFILE TO MATCH GAP BETWEEN WALL AND STOREFRONT. FINISH TO MATCH EXISTING STOREFRONT.

05 PROVIDE FLUSH-FINISHED WALL ACCESS PANEL FOR ADJACENT TUB PLUMBING ACCESS. REFERENCE DETAILS.

BLOCKING NOTES

PROVIDE FTWD BLOCKING (UON) AT THE FOLLOWING LOCATIONS:

1. ACCESSIBLITY REQUIREMENTS & GRAB BARS AT ALL RESTROOM LOCATIONS
2. RESTROOM ACCESSORIES INCLUDING TOILET STALL PARTITIONS & BABY CHANGING TABLE
3. MILLWORK LOCATIONS - TO BE 6" STRIPS
4. CASEWORK AS REQUIRED BY THE MFR & FOR PROPER SUPPORT
5. MANAGER'S DESK SHELVES
8. LOCKERS

DIMENSION NOTES

1. DIMENSIONS ARE TO FACE OF EXISTING STOREFRONT FRAME. FINISHED EXTERIOR WALL & FINISHED FACE OF DEMISING WALL
2. ALL INTERIOR DIMENSIONS ORIGINATE FROM ESTABLISHED DATUM LINES. ESTABLISH DATUM LINES PRIOR TO LOCATING WALLS, DRAINS, FIXTURES, ETC.

PLAN GENERAL NOTES

1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. ALL FIRE RATED DOORS TO BE SELF-CLOSING.
3. ALL INTERIOR FINISHES TO BE CLASS A WITH FLAME SPREAD RATING OF 0-25, U.O.N.
4. SEE MECHANICAL DRAWINGS FOR LIGHT AND VENT SCHEDULES.
5. DO NOT FASTEN STUDS OR GYPSUM BD. TO TOP RUNNER OF NON-BEARING GYP.BD. PARTITIONS. CUT STUDS AND GYP.BD. 1/2" MAX. SHORT TO ALLOW FOR VERTICAL SLAB DEFLECTION.
6. ALL DIMENSIONS TO BE FINISHED SURFACE UNO.
7. GC TO COORDINATE ALL CEILING HEIGHTS WITH BUILDING SYSTEMS. OWNER TO APPROVE ALL CEILING HGTS. BEFORE INSTALLATION.
8. THE ARCHITECT WILL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES.
9. CONTRACTOR IS REQUIRED TO HANG THE OWNERS INTERIOR SIGN PACKAGE.
10. ALL GLAZED DOORS, ANY GLAZED PANEL ADJACENT TO ANY DOOR & ANY GLAZED PANEL WHICH MEETS ALL OF THE FOLLOWING CONDITIONS SHALL BE TEMPERED GLAZING:
    1. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 S.F.
    2. EXPOSED BOTTOM EDGE LESS THAN 18" A.F.F.
    3. EXPOSED TOP EDGE GREATER THAN 36" A.F.F.
    4. ONE OR MORE WALKING SURFACE(S) WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING, SHALL ALL BE TEMPERED.

ALL BLOCKING SHALL BE NON-COMBUSTIBLE OR FIRE RETARDANT TREATED WOOD BLOCKING

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW BACKLIT SALT TILE WALL
- NEW 1 HOUR FIRE-RATED WALL
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- EXISTING WALL TO BE DEMOLISHED

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CLIENT REVIEW

No.	Issue	Date
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Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

FLOOR PLAN
LEVEL 01

A1-21

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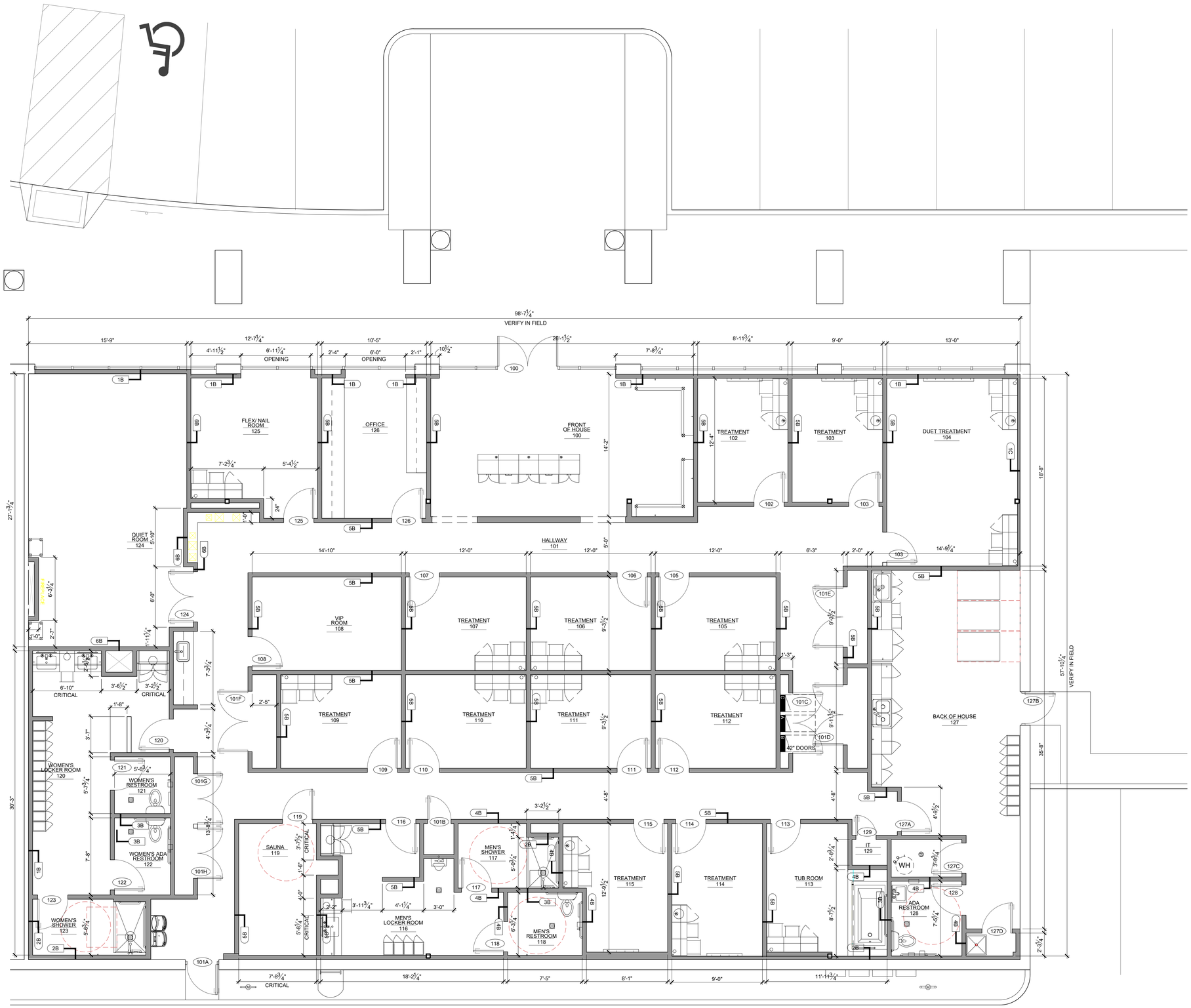

01 DIMENSIONED FLOOR PLAN 01
NTS

BLOCKING NOTES

PROVIDE FTWD BLOCKING (UON) AT THE FOLLOWING LOCATIONS:

1. ACCESSIBILITY REQUIREMENTS & GRAB BARS AT ALL RESTROOM LOCATIONS
2. RESTROOM ACCESSORIES INCLUDING TOILET STALL PARTITIONS & BABY CHANGING TABLE
3. MILLWORK LOCATIONS - TO BE 6" STRIPS
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3. ALL INTERIOR FINISHES TO BE CLASS A WITH FLAME SPREAD RATING OF 0-25, U.O.N.
4. SEE MECHANICAL DRAWINGS FOR LIGHT AND VENT SCHEDULES.
5. DO NOT FASTEN STUDS OR GYPSUM BD. TO TOP RUNNER OF NON-BEARING GYP.BD. PARTITIONS. CUT STUDS AND GYP.BD. 1/2" MAX. SHORT TO ALLOW FOR VERTICAL SLAB DEFLECTION.
6. ALL DIMENSIONS TO BE FINISHED SURFACE UNO.
7. GC TO COORDINATE ALL CEILING HEIGHTS WITH BUILDING SYSTEMS. OWNER TO APPROVE ALL CEILING HGTS. BEFORE INSTALLATION.
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    2. EXPOSED BOTTOM EDGE LESS THAN 18" A.F.F.
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GC TO FIELD VERIFY ALL EXISTING DIMENSIONS & COLUMN LOCATIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

ALL BLOCKING SHALL BE NON-COMBUSTIBLE OR FIRE RETARDANT TREATED WOOD BLOCKING

WALL TYPE LEGEND

NOTE: REFERENCE WALL TYPE DETAILS FOR EXACT WALL CONSTRUCTION

- EXISTING WALL TO REMAIN
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- EXISTING 1 HOUR FIRE-RATED WALL
- EXISTING 2 HOUR FIRE-RATED WALL

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Drawn By: KP / JZ
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DIMENSIONED FLOOR PLAN

A1-31

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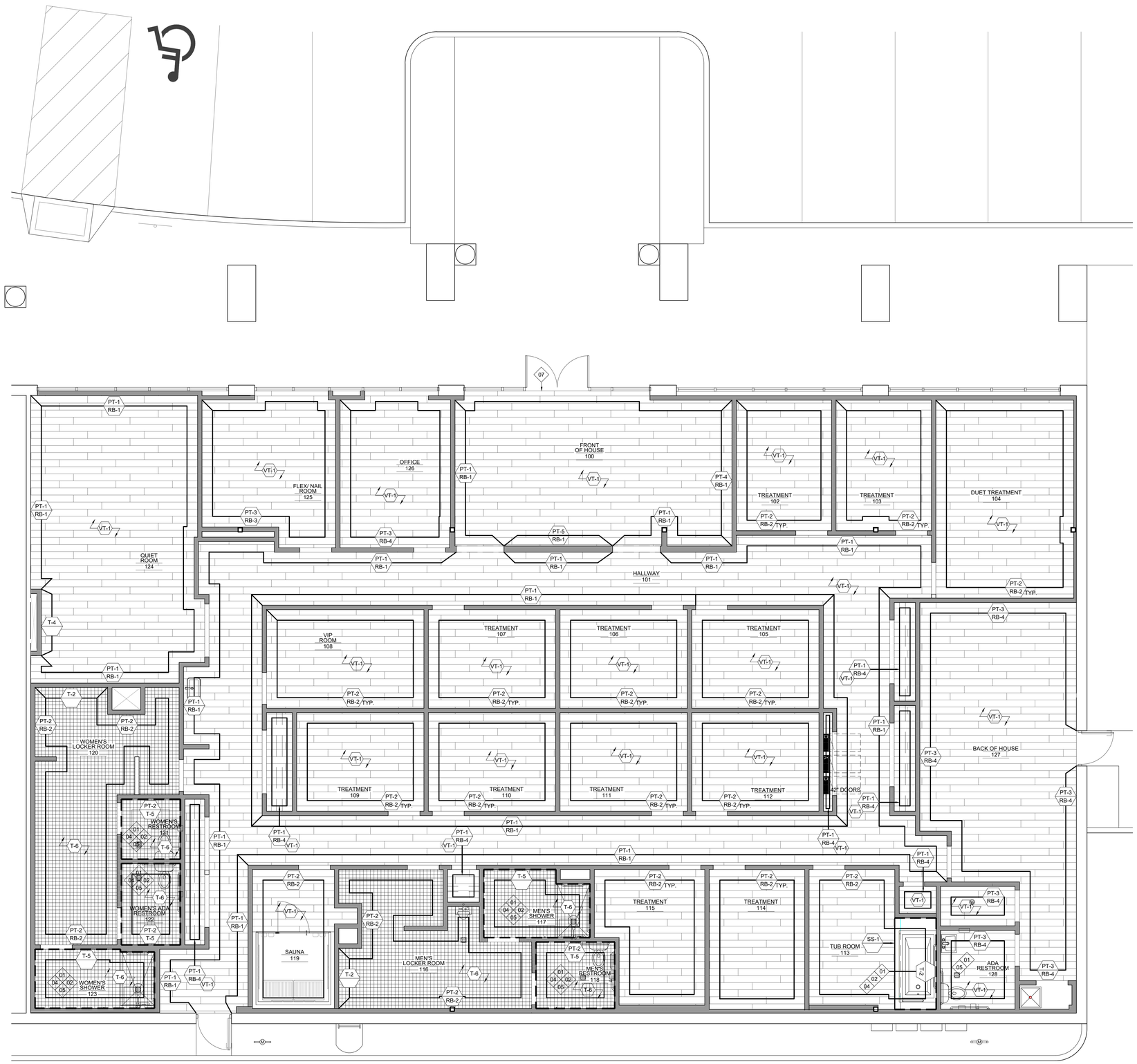
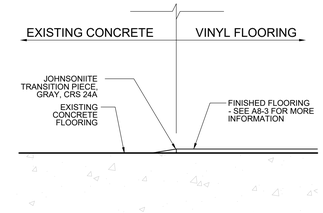


1 FINISH PLAN
1/4" = 1'-0"



2 TRANSITION DETAIL
NTS

FINISH KEYNOTES

01 PROVIDE WATERPROOFING MEMBRANE OVER ENTIRE FLOOR AREA AND 18" UP WALLS UNDERNEATH FINISHES. AREAS SHOWN GRAPHICALLY WITH HEAVY DASHED LINE.

02 WALL TILE TO MEET FLOOR FINISH, NO BASE

03 PROVIDE TILE TRIM M-1 AT TOP OF WALL TILE

04 PROVIDE BRUSHED BRASS SCHLUTER TRIM AT CORNERS, TOP, AND BOTTOM OF WALL TILE

05 FLOOR TILE TO SLOPE TOWARDS FLOOR DRAIN.

06 ~~RECESSED WALK OFF MAT. SEE DETAIL~~

07 PROVIDE TRANSITION THRESHOLD FROM RAISED LVT AT VESTIBULE TO LOOSE LAY LVT IN ENTRY

FINISH GENERAL NOTES

1. ALL DOORS & ASSOCIATED TRIM TO RECEIVE FINISH OF IMMEDIATE ADJACENT WALL FACE. INTERIOR FACE OF DOOR AND HINGE FACE TO RECEIVE SAME FINISH. EXTERIOR FACE OF DOOR AND STRIKE FACE TO RECEIVE SAME FINISH. IF ADJACENT FINISHES ARE NOT PAINT THEN

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CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

FINISH PLAN

A1-41

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FINISH GENERAL NOTES

1. ALL DOORS & ASSOCIATED TRIM TO RECEIVE FINISH OF IMMEDIATE ADJACENT WALL FACE. INTERIOR FACE OF DOOR AND HINGE FACE TO RECEIVE SAME FINISH. EXTERIOR FACE OF DOOR AND STRIKE FACE TO RECEIVE SAME FINISH. IF ADJACENT FINISHES ARE NOT PAINT THEN

FINISH KEYNOTES

01 PROVIDE WATERPROOFING MEMBRANE OVER ENTIRE FLOOR AREA AND 18" UP WALLS UNDERNEATH FINISHES. AREAS SHOWN GRAPHICALLY WITH HEAVY DASHED LINE.

02 WALL TILE TO MEET FLOOR FINISH, NO BASE

03 PROVIDE TILE TRIM M-1 AT TOP OF WALL TILE

04 PROVIDE TILE TRIM M-1 AT CORNERS, TOP, AND BOTTOM OF WALL TILE T-2

05 FLOOR TILE TO SLOPE TOWARDS FLOOR DRAIN.

SEE SHEET A8-3 FOR FINISH SCHEDULE

1 EQUIPMENT PLAN
1/4" = 1'-0"

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CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

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EQUIPMENT PLAN

A1-51

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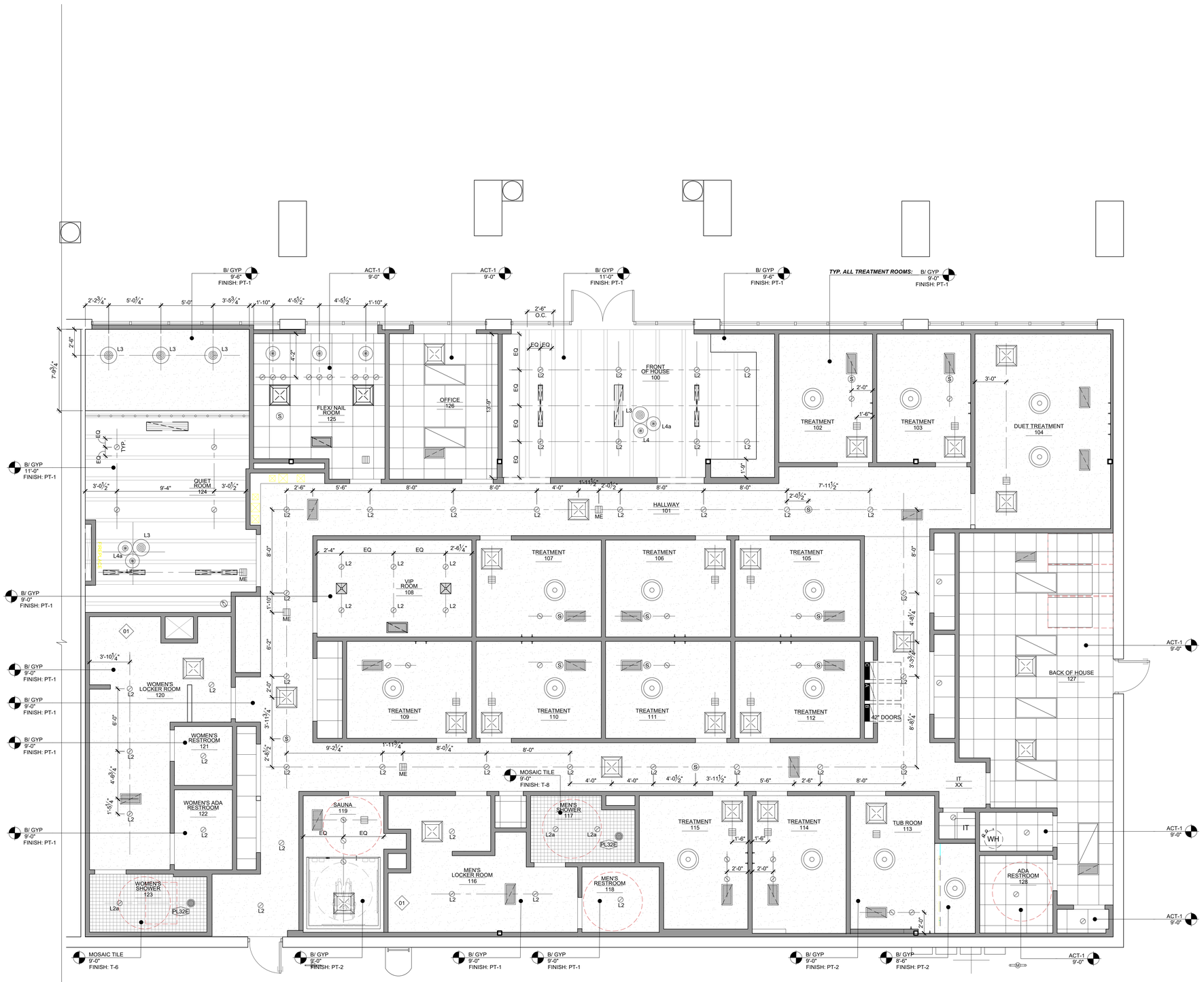

KEYNOTES

01 REFER TO ELEVATIONS FOR WALL MOUNTED FIXTURE HEIGHT.

02 ~~LIGHT FIXTURES TO ALIGN WITH CENTERLINE OF MILLWORK BELOW. COORDINATE MILLWORK INSTALLATION WITH LIGHTING.~~

03 EXTERIOR SIGNAGE IS BY SIGNAGE CONTRACTOR UNDER SEPARATE PERMIT. SIGN CONTRACTOR SHALL COORDINATE PERMITS FOR EXTERIOR SIGNAGE.

04 ~~ALL OPEN CEILINGS, AND DUCTING/CONDUIT TO BE SPRAYED P-1.~~

05 ~~ALL FACES OF SOFFIT TO BE PAINTED P-4.~~

06 ~~A.C.T. GRID STARTING POINT.~~

07 ~~COORDINATE SOFFIT HEIGHT WITH LOCKERS. SEE ELEVATIONS FOR LOCKER HEIGHTS.~~

08 ~~L8 TAPE LIGHT UNDER MIRROR. SEE DETAIL SHEETS~~

09 ~~CEILING MOUNTED EM LIGHTING~~

10 ~~IN AREAS WITH OPEN CEILINGS, HOLD ALL DUCTING AND CONDUIT TIGHT TO THE STRUCTURE ABOVE~~

CEILING FIXTURE LEGEND

- TITUS OMNI 24" SUPPLY
- TITUS 50F 12"x24" RETURN
- TITUS FL-20 1-SLOT SUPPLY
- TITUS TBR-80 4-SLOT RETURN
- L1 — 2'x4' WHITE INTEGRATED LED DIMMABLE FLAT PANEL LIGHT W/ SELECTABLE COLOR TEMPERATURE
- L2 — 6" RECESSED CAN LIGHT
- L2a — 6" WET-RATED RECESSED CAN LIGHT
- L2b — 6" EXTERIOR RECESSED CAN LIGHT
- L3/ L3a — 21" WOVEN PENDANT FIXTURE *MOUNTING HEIGHT:* L3: 6'-6" AFF (RECEPTION & QUIET RM) L3a: 7'-0" AFF (NAIL CHAIRS)
- L4/ L4a — 14" WOVEN PENDANT FIXTURE *MOUNTING HEIGHT:* L4: 7'-4" AFF (RECEPTION & QUIET RM) L4a: 7'-0" AFF (RECEPTION & QUIET RM)
- L8 — LED COVE FIXTURE
- L13 — 14" WOVEN PENDANT FIXTURE *MOUNTING HEIGHT:* L13: 7'-4" AFF (TREATMENT RM)
- S — MUSIC SPEAKER
- ME — SOUND MASKING EMITTER

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No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

REFLECTED CEILING PLAN

A2-11

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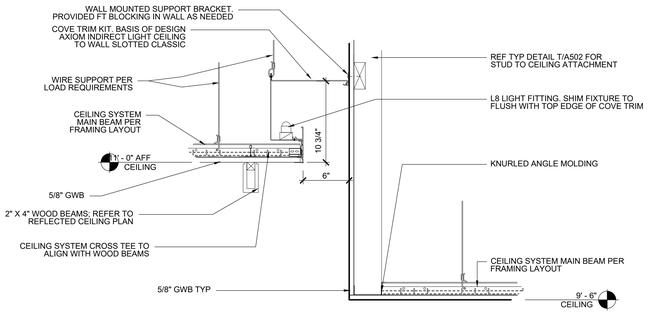
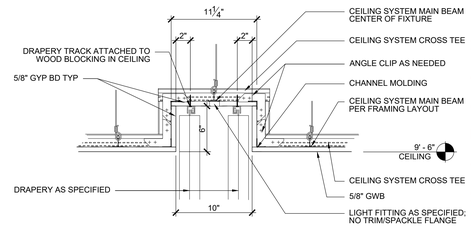
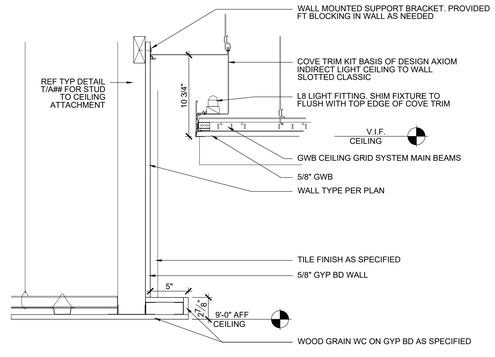


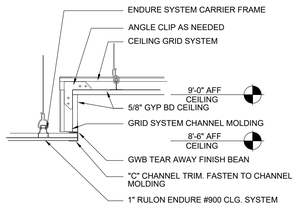
E CEILING SECTION
1 1/2" = 1'-0"



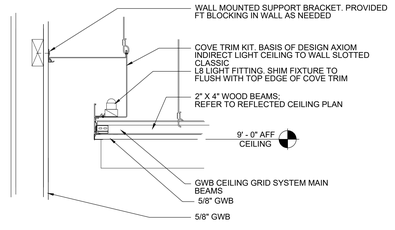
F CEILING SECTION
1 1/2" = 1'-0"



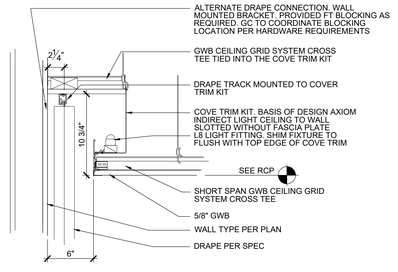
G CEILING SECTION
1 1/2" = 1'-0"



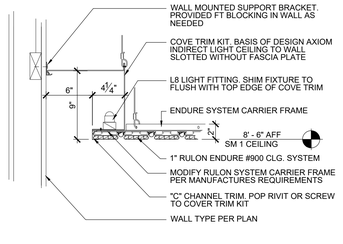
H CEILING SECTION
1 1/2" = 1'-0"



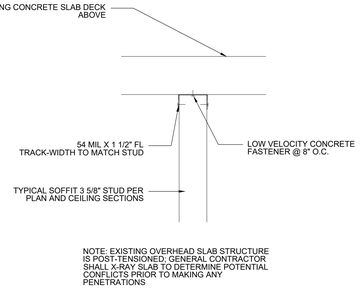
J CEILING SECTION
1 1/2" = 1'-0"



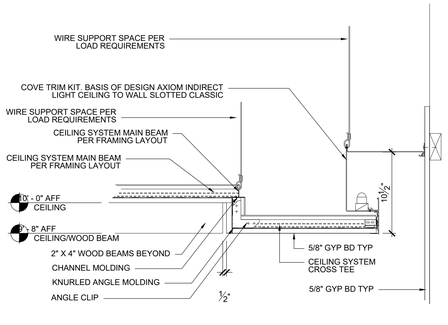
K CEILING SECTION
1 1/2" = 1'-0"



L CEILING SECTION
1 1/2" = 1'-0"



M CEILING DETAIL - TYP.
1 1/2" = 1'-0"



N CEILING SECTION
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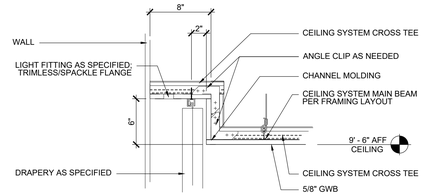
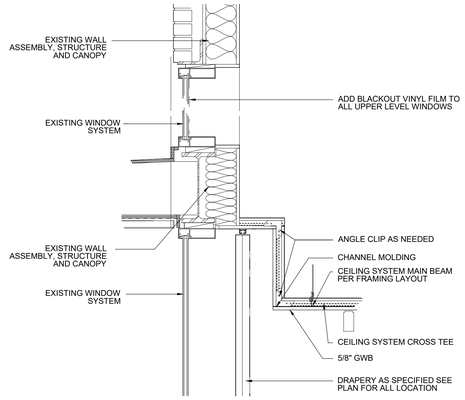


O CEILING SECTION
1 1/2" = 1'-0"



P CEILING DETAIL AT FACADE
1-1/2" = 1'-0"

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Drawn By: KP / JZ
Approved By: JD
Project Number: 25-005

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CEILING PLAN DETAILS

A2-12

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SEISMIC LOCKING PIN

CROSS RUNNER

MAIN RUNNER

SPLAY BRACE WIRE

LATERAL FORCE BRACING NOT TO EXCEED 12' — 4' MAX

(4) IN BOTH DIRECTIONS WITH THE FIRST PAIT WITH 6" FROM EA WALL

CROSS RUNNER

PANEL

WALL TRIM

CONT. HORIZ. STRUT TO PREVENT SPREADING OF RUNNERS

SPLICES AND INTERSECTIONS OF RUNNERS SHALL BE ATTACHED WITH MECHANICAL INTERLOCKING CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, PLATES WITH BENT TABS, OR OTHER APPROVED CONNECTORS. DESIGN CONNECTORS FOR 2 X DESIGN LOAD OR ULTIMATE AXIAL TENSION OR COMPRESSION (MINIMUM 60 POUNDS).

OR: CROSS-FURRING SHALL BE SECURELY ATTACHED TO THE MAIN RUNNER BY SADDLE-TYING WITH NOT LESS THAN ONE STRAND OF NO.16 OR TWO STRANDS OF NO.18 US. GAUGE TIE WIRE OR APPROVED EQUIVALENT ATTACHMENTS.

HANGER WIRE

LOCKING CLIP TO FASTEN CROSS RUNNER TO MAIN RUNNER

LATERAL FORCE-BRACING MEMBERS FOR SUSPENDED CEILINGS SHALL BE A MINIMUM OF 6' FROM ALL HORIZONTAL PIPING OR DUCT WORK NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND STRUCTURE AND SHALL SUPPORT A DESIGN LOAD THE GREATER OF 200 LBS OR THE ACTUAL LOAD, WITH A SAFETY FACTOR OF 2. (UBC STDS. 25.213, 25.214)

SUSPENDED CEILING DETAIL AT WALL

HANGER WIRE	ALLOWABLE TENSION
#12	170#
#11	225#
#10	300#

RUNNERS AND FURRING: THE MAIN RUNNER AND CROSS FURRING SHALL BE NOT LESS THAN THE SIZES SET FORTH, EXCEPT THAT OTHER STEEL SECTIONS OF EQUIVALENT STRENGTH MAY BE SUBSTITUTED FOR THOSE SET FORTH.

HANGERS: HANGERS FOR SUSPENDED CEILING SHALL BE NOT LESS THAN THE SIZES SET FORTH, FASTENED TO OR EMBEDDED IN THE STRUCTURAL FRAMING, MASONRY, OR CONCRETE. HANGERS SHALL BE SADDLE-TIED AROUND MAIN RUNNERS TO DEVELOP THE FULL STRENGTH OF THE HANGERS. LOWER ENDS OF FLAT HANGERS SHALL BE BOLTED WITH 1/4" BOLTS TO RUNNER CHANNELS OR BENT TIGHTLY AROUND RUNNERS AND BOLTED TO THE MAIN PART OF THE HANNGERS.

MECHANICAL AND LIGHT FIXTURES: MUST BE CONNECTED TO ONE (1) VERTICAL 12 GA. WIRE ATTACHED TO OPPOSING CORNERS ALONG THE FIXTURE'S DIAGONAL. THESE WIRES MAY BE SLACK. PROVIDE PERIMETER VERTICAL WEIS 8" OUT FROM WALL. (UBC STDS. NO. 25.213, 25.214)

VERTICAL STRUT SUPPORTED FROM THE STRUCTURAL MEMBERS ABOVE TO THE MAIN RUNNER @ 12' O.C. IN BOTH DIRECTIONS, STARTING 6' FROM WALLS. STRUTS UP TO 4' LONG MAY USE A MIN. 25 GA. METAL STUD WITH 7/8" FLANGES. STRUTS TO BE PLACED WITHIN 2" OF THE FOUR SPLAYED WIRES.

#12 GA 45 SPLAY WIRE BRACING IN PLANE OF MAIN RUNNER. ALL WIRES ATTACHED TO MAIN RUNNER, 4 DIRECTIONS. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12' O.C. IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6' FROM EACH WALL. (UBC STDS 25.213, 25.214)

45°

F=ZICpWp WHERE Cp=0.EF=SICpWp Wp=TRIBUTARY AREA x WEIGHT OF CEILING (4 MIN.)

CROSS RUNNER

2" MAX

MAIN RUNNER @ 4'- 0" O.C.

SPLICE

F=ZICpWp

AXIOM AXTBC

ACOUSTICAL GRID

AXIOM TRANSITION AX15DSCSTR

F CEILING JOINT SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE TO STRUCTURE
ARMSTRONG KAM151220E
ARMSTRONG DRYWALL CROSS TEE XL8945 (16" O.C.)
SEE RCP CEILING
ARMSTRONG DW90C
ARMSTRONG FRAMEALL DRYWALL MAIN (4" O.C.)
LIGHT FIXTURE BY OTHERS
ARMSTRONG KAM151220E
ARMSTRONG DW90C
ARMSTRONG KAM151220E
SEE RCP CEILING
INVERTED GRID
ARMSTRONG DW90C
ARMSTRONG FRAMEALL DRYWALL MAIN HD8906 (4" O.C.)

H CEILING SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE TO STRUCTURE
ARMSTRONG KAM151220E
ARMSTRONG DRYWALL CROSS TEE XL8945
ARMSTRONG KAM151220E
SEE RCP CEILING
ARMSTRONG SIMPLE SOFFIT MAIN BEAM (4" O.C.)
10" U.N.O.
LIGHT FIXTURE BY OTHERS
ARMSTRONG KAM151220E
4" U.N.O.
SEE RCP CEILING
ARMSTRONG KAM151220E
ARMSTRONG FRAMEALL DRYWALL MAIN HD8906 (4" O.C.)

G CEILING SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE TO STRUCTURE
ARMSTRONG PRELUDE MAIN BEAM
ARMSTRONG ACOUSTICAL LAY-IN PANEL
AXIOM AXTBC
SEE RCP CEILING
AXIOM INDIRECT LIGHT COVE CEILING TO CEILING KNIFE-EDGE AXIDLCCKE812
LIGHT FIXTURE BY OTHERS
SEE RCP CEILING
ARMSTRONG PRELUDE MAIN BEAM
ARMSTRONG ACOUSTICAL LAY-IN PANEL
AXIOM AXCCLT45

F CEILING SECTION
SCALE: 1-1/2"=1'-0"

HANGER WIRE
ARMSTRONG KAM-151220E
ARMSTRONG DRYWALL CROSS TEE XL8945
ARMSTRONG DW90C
SEE RCP CEILING
ARMSTRONG KAM-151220E
LIGHT FIXTURE BY OTHERS
ARMSTRONG DW90C
ARMSTRONG DW90C
CEILING, CLG
SEE RCP CEILING
8" U.N.O.
1'-4" U.N.O.
ARMSTRONG FRAMEALL DRYWALL MAIN HD8906
AXIOM INDIRECT FIELD LIGHT COVE AXIFLCWKD
AXIOM AXCCLT45

E CEILING SECTION
SCALE: 1-1/2"=1'-0"

KNURLED ANGLE MOLDING
WALL TYPE PER PLAN
CEILING SYSTEM MAIN BEAM PER FRAMING LAYOUT
CEILING SYSTEM CROSS TEE TO ALIGN WITH BEAM
11' - 0" AFF CEILING
4"
5/8" GYP BD
VARIES SEE RCP
2"
TYPICAL WOOD BEAMS
RECESS LED LIGHT AND HOUSING WITH SPACKLE FLANGE

D CEILING SECTION
1 1/2" = 1'-0"

WALL TYPE PER PLAN
COVE TRIM KIT, BASIS OF DESIGN AXIOM INDIRECT LIGHT CEILING TO GWB CEILING SLOTTED WITHOUT FASCIA PLATE.
L8 LIGHT FITTING, SHIM FIXTURE TO FLUSH WITH TOP EDGE OF COVE TRIM
2'-10"
4¼"
6"
ENDURE SYSTEM CARRIER FRAME
8' - 6" AFF SM 1 CEILING
1" RULON ENDURE #900 CLG. SYSTEM
MODIFY RULON SYSTEM CARRIER FRAME PER MANUFACTURES REQUIREMENTS
"C" CHANNEL TRIM. POP RIVIT OR SCREW TO COVE TRIM KIT

C CEILING SECTION
1 1/2" = 1'-0"

2¼"
WALL MOUNTED DRAPE TRACK BRACKET, PROVIDED FT 2X6 BLOCKING AS REQUIRED. GC TO COORDINATE BLOCKING LOCATION PER HARDWARE REQUIREMENTS
DRAPE TRACK MOUNTED TO COVER TRIM KIT
COVE TRIM KIT, BASIS OF DESIGN AXIOM INDIRECT LIGHT CEILING TO WALL SLOTTED CLASSIC
WALL TYPE PER PLAN
SEE RCP CEILING
6" TYP
GWB CEILING GRID SYSTEM MAIN BEAMS
5/8" GWB
MITER BOARDS AT CORNER TURN LOCATIONS
¾ X 5 ½" PAINTED POPLAR, PAINT TO MATCH CEILING, GLUE AND NAIL TO CEILING
TAPELIGHT L8
¾ X 5 ½" PAINTED POPLAR, PAINT P-3, GLUE AND NAIL TO BOARD ABOVE. FILL ALL EXPOSED NAIL HOLES W/ PAINTABLE FILLER FOR SEAMLESS FINISH.

B LIGHT COVE DETAIL W/ DRAPERY
1 1/2" = 1'-0"

WALL TYPE PER PLAN
SEE RCP CEILING
6" TYP
CEILING GRID SYSTEM MAIN BEAMS
REFERENCE RCP FOR CEILING SYSTEM FINISHES
MITER BOARDS AT CORNER TURN LOCATIONS
¾ X 5 ½" PAINTED POPLAR, PAINT TO MATCH CEILING, GLUE AND NAIL TO CEILING
TAPELIGHT -REF LIGHTING LEGEND
¾ X 5 ½" PAINTED POPLAR, PAINT P-3, GLUE AND NAIL TO BOARD ABOVE. FILL ALL EXPOSED NAIL HOLES W/ PAINTABLE FILLER FOR SEAMLESS FINISH.

A LIGHT COVE DETAIL
1 1/2" = 1'-0"

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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

CEILING PLAN DETAILS

A2-13

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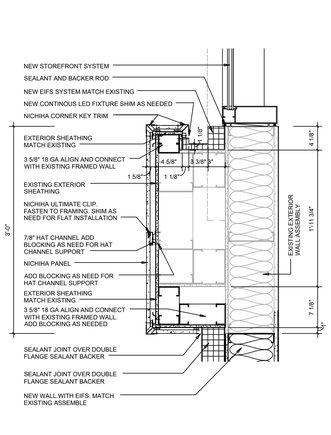
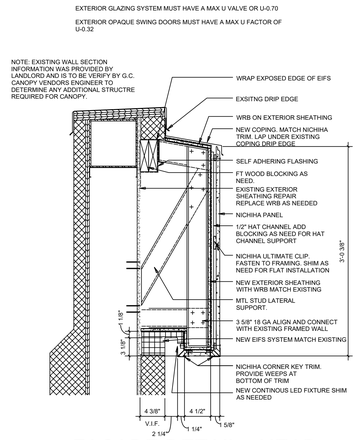
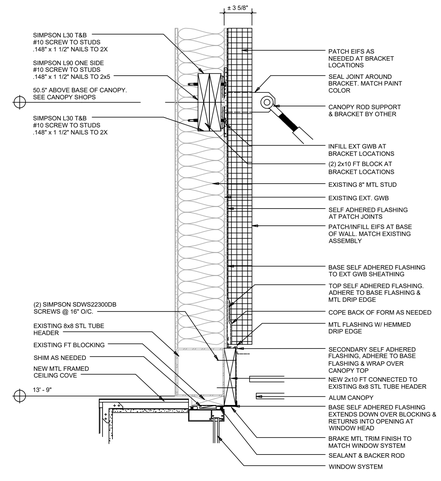
01 NORTH EXTERIOR ELEVATION
1/4" = 1'-0"



2 FACADE DETAIL - PLAN
1-1/2"=1-0"



3 FACADE DETAIL - HEAD
1-1/2"=1-0"



4 WALL SECTION AT CANOPY
1-1/2"=1-0"

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ARCHITECT
DxU ARCHITECTS
411 West Main • 2nd Floor • Chapel Hill • NC
919 . 537 . 1313 . 9344 • dxuarch.com
CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

EXTERIOR ELEVATION

A4-10

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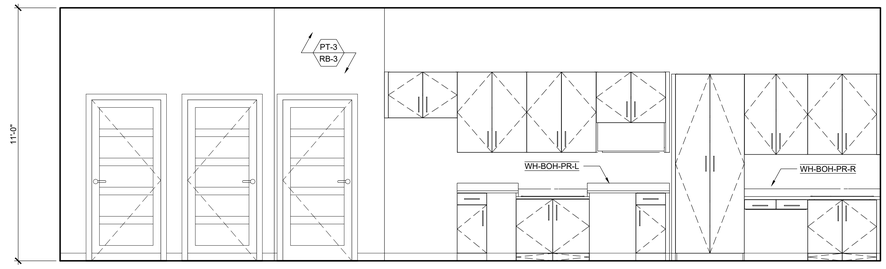
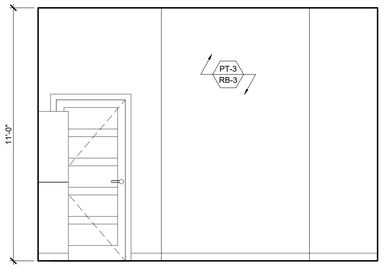
PLOT DATE: 3/4/2025 2:36 PM PLOTTED BY: KEVIN PASLEY



12 PREP AREA/LAUNDRY (W)
3/8" = 1'-0"



11 PREP AREA/LAUNDRY (S)
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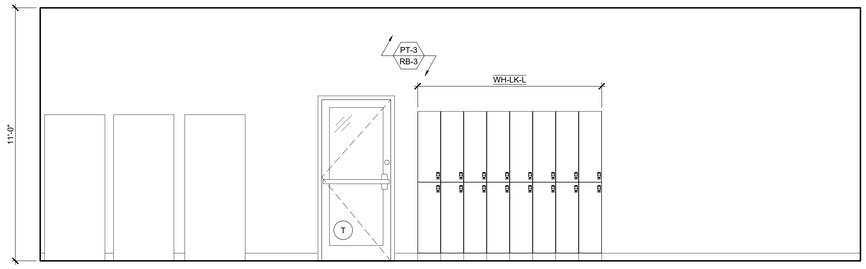

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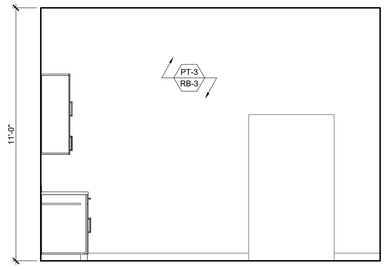

9 PREP AREA/LAUNDRY (N)
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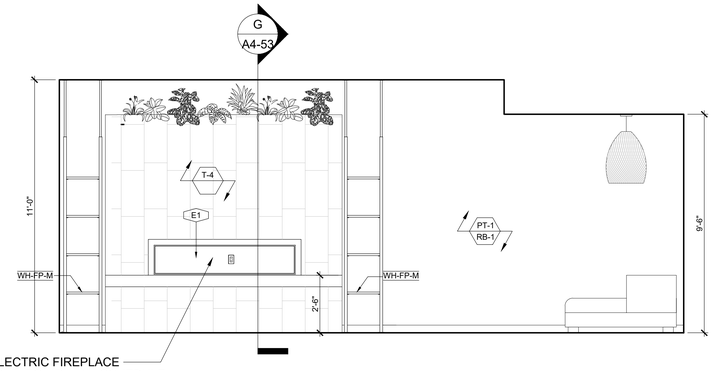
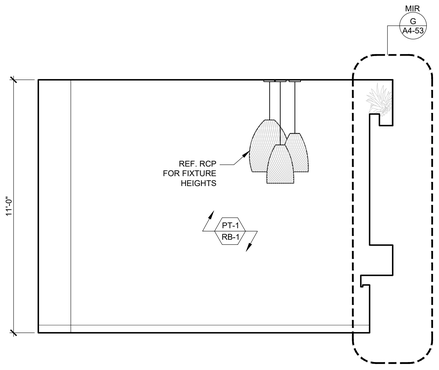


8 QUIET ROOM (W)
3/8" = 1'-0"



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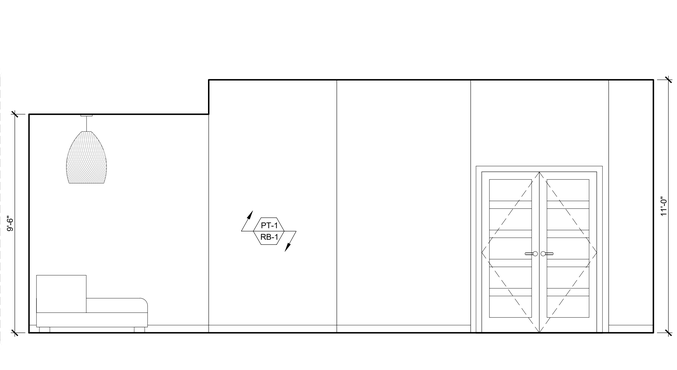
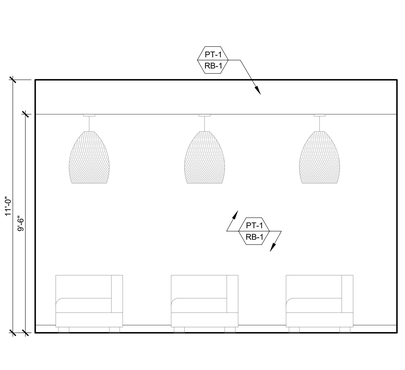
3/8" = 1'-0"



6 QUIET ROOM (E)
3/8" = 1'-0"



5 QUIET ROOM (N)
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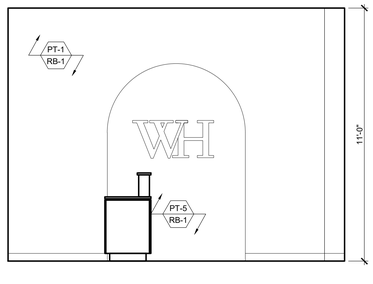

4 LOBBY @ FEATURE WALL (W)
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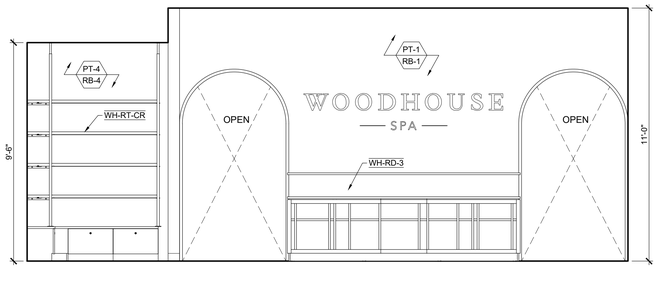

3 LOBBY @ RECEPTION (S)
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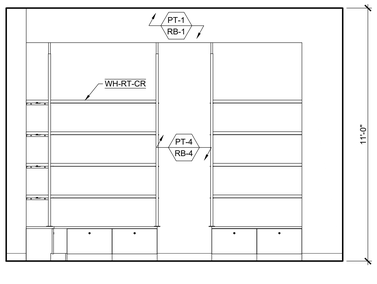
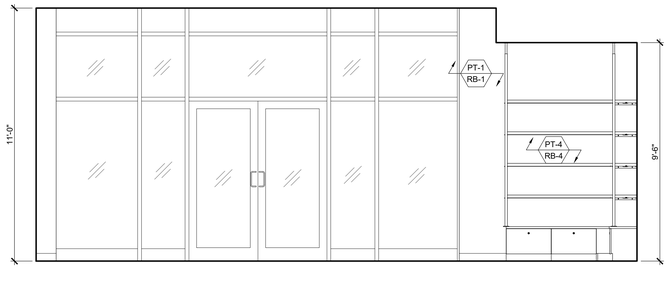


2 LOBBY @ RETAIL (E)
3/8" = 1'-0"



1 LOBBY @ STOREFRONT (N)
3/8" = 1'-0"

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ARCHITECT

DXU ARCHITECTS
415 West Erie • Chicago IL • 60654
T 312.733.2121 • dxuarch.com

CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

SHEET TITLE & NUMBER

INTERIOR
ELEVATIONS

A5-11

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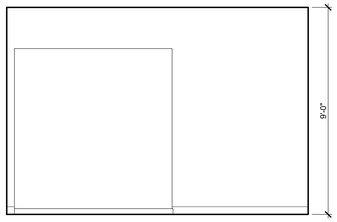
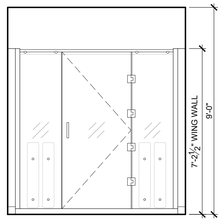
PLOT DATE: 3/4/2025 5:59 PM



16 SAUNA ROOM (W)
3/8" = 1'-0"



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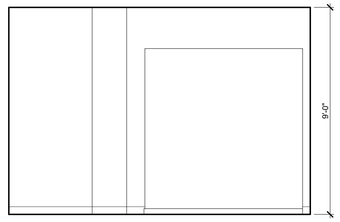
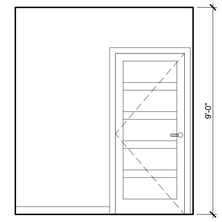


14 SAUNA ROOM (E)
3/8" = 1'-0"



13 SAUNA ROOM (N)
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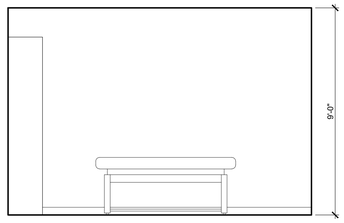
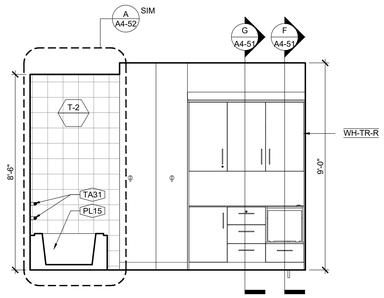


12 TUB ROOM (W)
3/8" = 1'-0"



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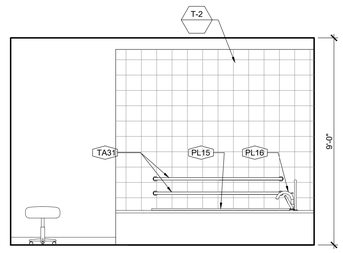

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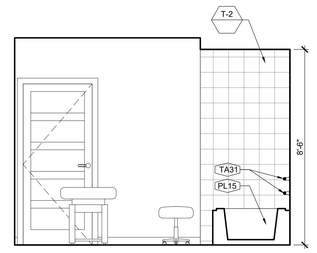
3/8" = 1'-0"



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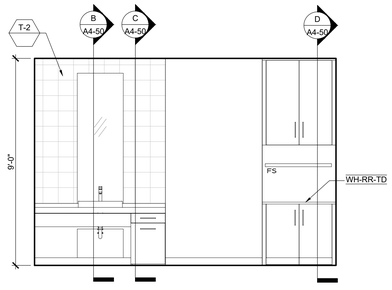
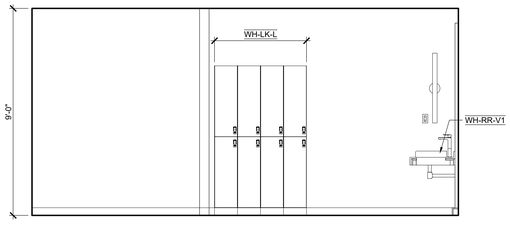
3/8" = 1'-0"



8 MEN'S LOCKER ROOM (W)
3/8" = 1'-0"



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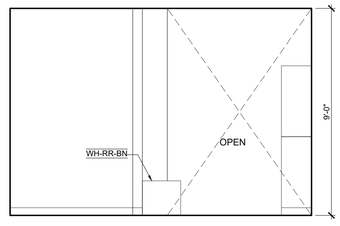
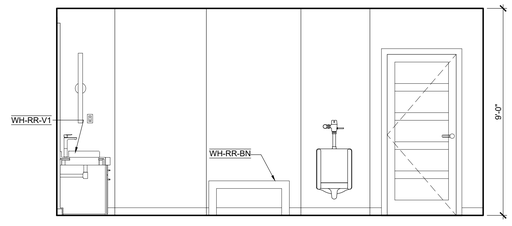


6 MEN'S LOCKER ROOM (E)
3/8" = 1'-0"



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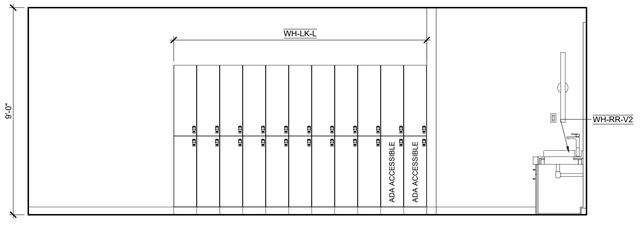

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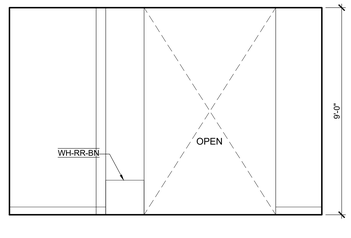

3 WOMEN'S LOCKER ROOM (S)
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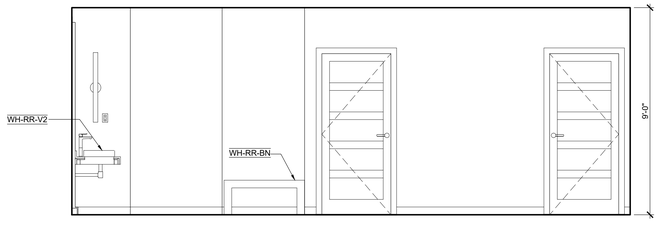

2 WOMEN'S LOCKER ROOM (E)
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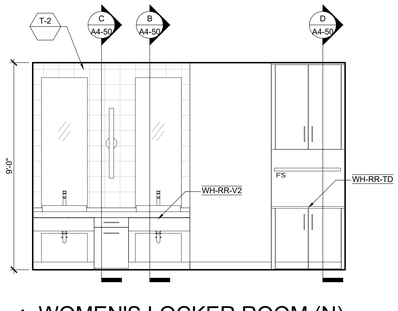

1 WOMEN'S LOCKER ROOM (N)
3/8" = 1'-0"

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ARCHITECT

DXU ARCHITECTS
411 West Ohio • Chicago • Illinois • 60654
T 312 313 2121 • F 312 313 2120

CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

SHEET TITLE & NUMBER

INTERIOR ELEVATIONS

A5-12

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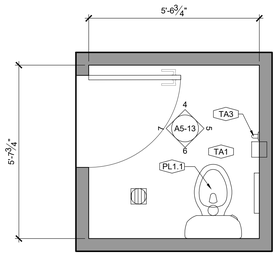

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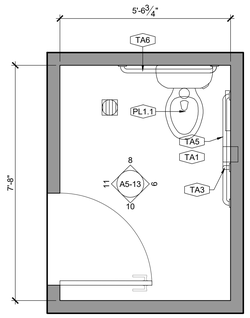

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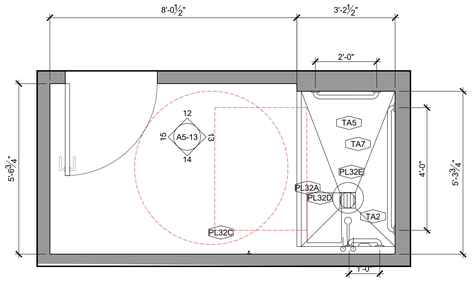
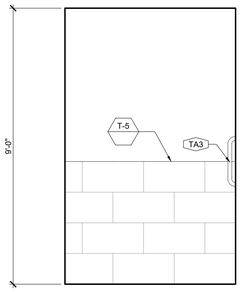


3 WOMEN'S SHOWER ROOM
1/2"=1'-0"



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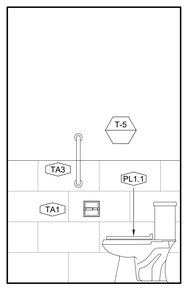
1/2"=1'-0"



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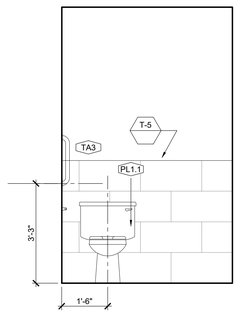

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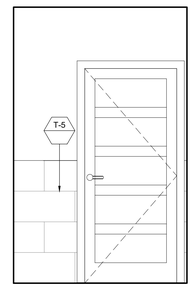
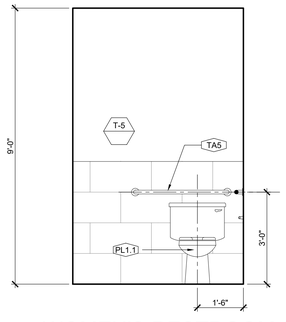


7 WOMEN'S RESTROOM 1 - W
1/2"=1'-0"



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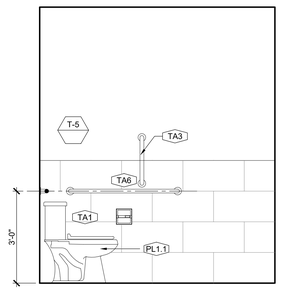

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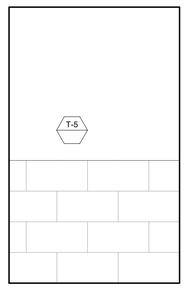
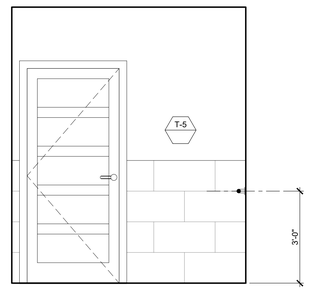
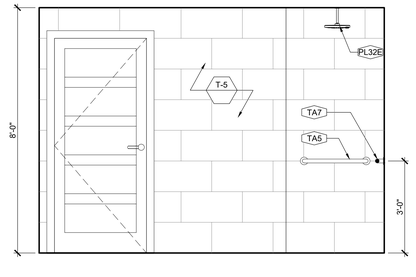


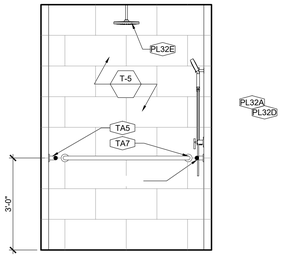
10 WOMEN'S RESTROOM 2 - S
1/2"=1'-0"



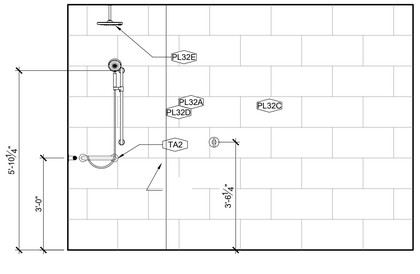
11 WOMEN'S RESTROOM 2 - W
1/2"=1'-0"



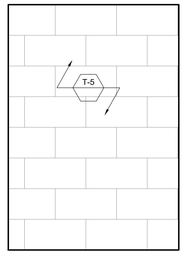
12 WOMEN'S SHOWER ROOM - N
1/2"=1'-0"



13 WOMEN'S SHOWER ROOM - E
1/2"=1'-0"



14 WOMEN'S SHOWER ROOM - S
1/2"=1'-0"



15 WOMEN'S SHOWER ROOM - W
1/2"=1'-0"

PLOT DATE: 3/4/2025 6:07 PM
PLOTTED BY: KEVIN PASLEY

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WILMINGTON, NC 28105

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ARCHITECT
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411 West Ohio • Chicago • IL 60654
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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

ENLARGE BATHROOM PLANS & ELEVATIONS

A5-13

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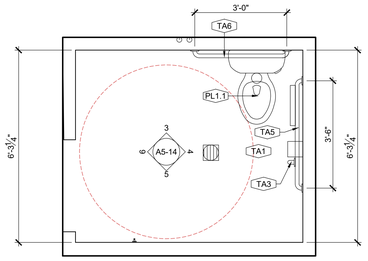
ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023



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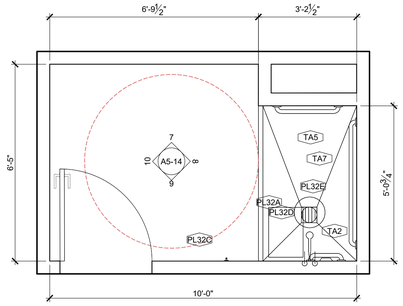
1/2"=1'-0"



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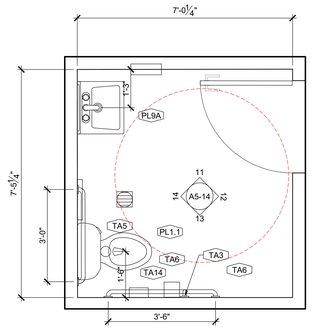

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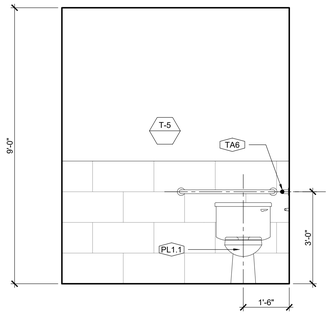
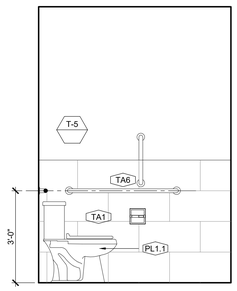
1/2"=1'-0"



3 MEN'S RESTROOM - N
1/2"=1'-0"



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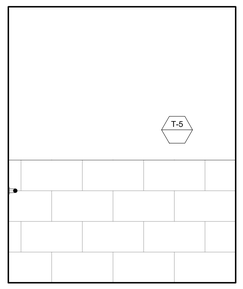

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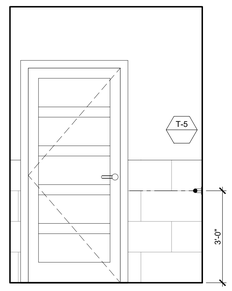

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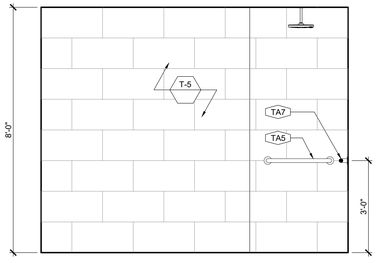
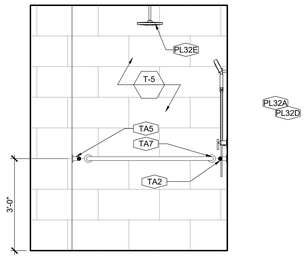


7 MEN'S SHOWER ROOM - N
1/2"=1'-0"



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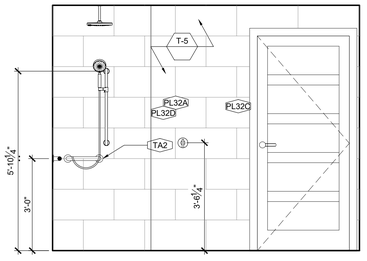
1/2"=1'-0"



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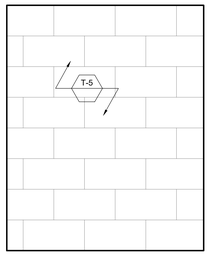

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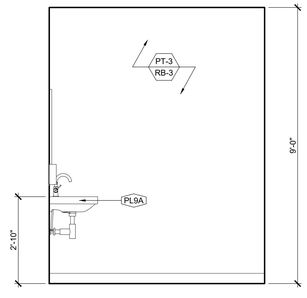
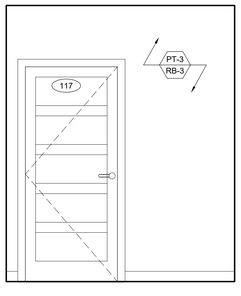


7 BOH ADA RESTROOM - N
1/2"=1'-0"



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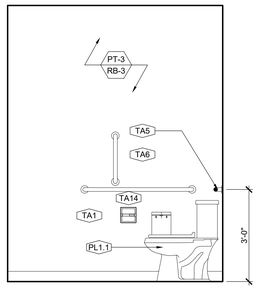

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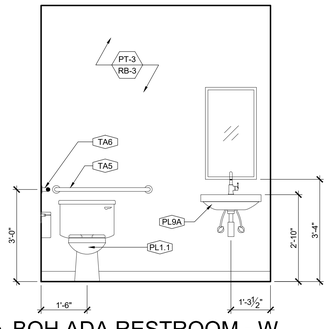

10 BOH ADA RESTROOM - W
1/2"=1'-0"

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ARCHITECT

DXU ARCHITECTS
415 West Ohio • Chicago • IL 60607
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CONSULTANTS

CLIENT REVIEW

No.	Issue	Date
	TEMPLATE START	10-31-2024

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

SHEET TITLE & NUMBER

ENLARGE BATHROOM PLANS & ELEVATIONS

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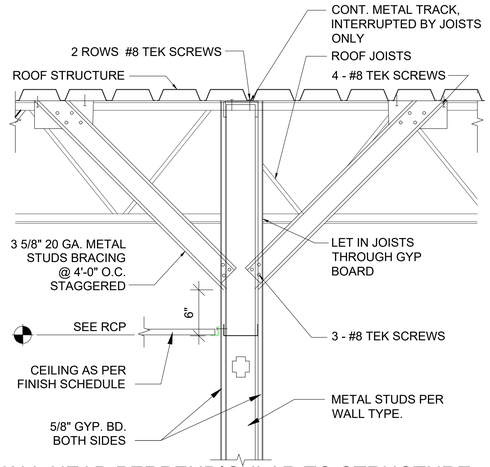
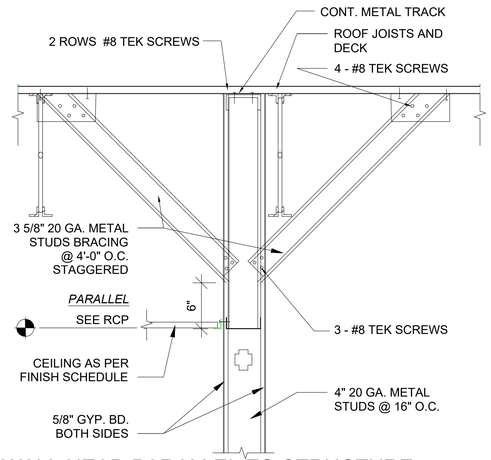
PLOTTED BY: KEVIN PAISLEY

PLOT DATE: 3/4/2025 6:09 PM



2 WALL HEAD PERPENDICULAR TO STRUCTURE

1-1/2"=1'-0"

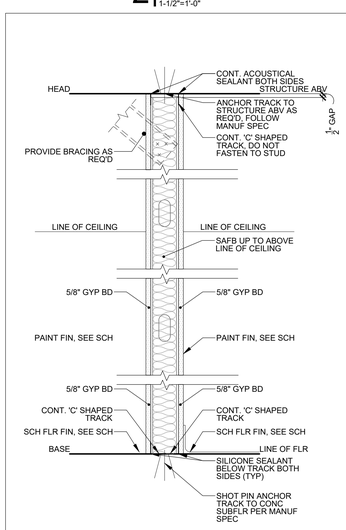


3 WALL HEAD PARALLEL TO STRUCTURE

1-1/2"=1'-0"

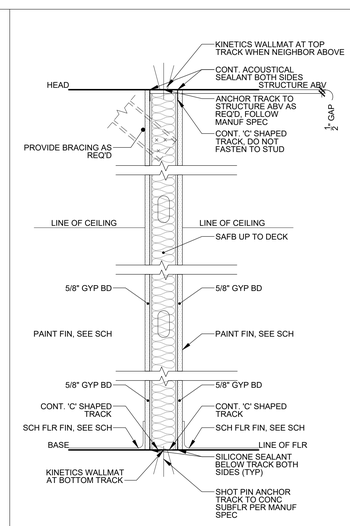
GENERAL PARTITION NOTES

1. PARTITIONS ARE INDICATED ON FLOOR PLANS BY GRAPHIC DESIGNATION AND/OR TYPE SYMBOL - REFER TO PARTITION LEGEND.
2. LINE OF STRUCTURE INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY - VERIFY EXISTING CONDITIONS IN FIELD.
3. DO NOT FASTEN PARTITION STUDS AND GYPSUM BOARD TO METAL CEILING RUNNER, TO ALLOW FOR STRUCTURAL DEFLECTION.
4. PROVIDE BRACING WHERE PARTITION HEIGHT EXCEEDS MANUFACTURER'S ALLOWABLE HEIGHT. DO NOT BRACE TO DUCTWORK OR OTHER SUCH COMPONENTS VERIFY ALLOWABLE HEIGHT PSF REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
5. THE FIRE RATINGS AND STC RATINGS NOTED FOR THE GYPSUM BOARD PARTITION ASSEMBLIES SHOWN ARE COPIED AND TRANSCRIBED HERE FOR CONVENIENCE ONLY FROM THE UNDERWRITERS LABORATORY DIRECTORY AND THE UNITED STATES GYPSUM CATALOG.
6. WALL ASSEMBLIES AND PARTITIONS THAT RECEIVE FIRE RESISTIVE RATINGS SHALL BE CONSTRUCTED PER TESTED ASSEMBLIES, MANUFACTURER'S RECOMMENDATIONS AND THE REQUIREMENTS OF ALL APPLICABLE CODES AND LOCAL GOVERNING AUTHORITIES.
7. PENETRATIONS OR PRODUCTS FOR USE IN SPECIFIC FIRE RATED PARTITION ASSEMBLIES SHALL BE BASED ON SUCCESSFUL PERFORMANCE IN FIRE TESTS. THESE PENETRATIONS MAY INCLUDE BUT ARE NOT LIMITED TO ITEMS SUCH AS PIPING, CONDUIT, OR HVAC DUCTWORK.
8. EACH PARTITION SHOWN ON THE DRAWINGS TO BE A FIRE AND/OR SMOKE RESISTANT PARTITION SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF THE WALL, 8'-0" O.C.
9. FIRE AND/OR SMOKE RESISTANT RATINGS ARE TO CONTINUE ABOVE ALL OPENINGS IN RATED PARTITIONS.
10. ELECTRICAL RECEPTACLES SHALL NOT BE LOCATED IN FIRE RATED PARTITIONS IN EXCESS OF TWO HOURS.
11. THE SURFACE AREA OF INDIVIDUAL METALLIC OUTLET OR SWITCH BOXES SHALL NOT EXCEED 16 SQ. IN. THE AGGREGATE SURFACE AREA OF BOXES SHALL NOT EXCEED 100 SQ. IN. PER 100 SQ. FT. OF WALL AREA. A HORIZONTAL DISTANCE OF 24 IN. SHALL SEPARATE BOXES LOCATED ON OPPOSITE SIDES OF PARTITIONS.
12. BOXES LOCATED IN CORRIDOR AND UNIT DEMISING PARTITIONS SHALL BE TREATED WITH ACOUSTICAL SEALANT AROUND PERIMETER AND BEHIND EACH BOX (FULL CLOSURE BED). IN ADDITION, OUTLET AND JUNCTION BOXES SHALL BE SEPARATED BY INSTALLING A METAL STUD BETWEEN THEM IN THE PARTITION.
13. COMPLETELY SEAL WITH CONTINUOUS ACOUSTICAL SEALANT ALL PARTITION HEADS, BASES, AND ENDS, PLUS SEAL ALL PENETRATIONS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING WORK.
14. SOUND ATTENUATION BLANKETS ARE TO BE INSTALLED IN ALL PARTITIONS SEPARATING PUBLIC FROM PRIVATE AREAS AND WHERE NOISE CAN BE TRANSMITTED (RESTROOMS) EXTEND BLANKETS FULL HEIGHT OF PARTITION UP TO BOTTOM OF STRUCTURE, INSTALLED IN TIGHT, COMPRESSION FIT TO STUDS, STRUCTURE AND ADJACENT SURFACES.
15. FINAL LOCATION AND PLACEMENT OF MEPFP ITEMS (BOTH HORIZONTAL AND VERTICAL) SHALL BE COORDINATED SUCH THAT THEY DO NOT TOUCH STUD PARTITION ASSEMBLIES AND CREATE AN ACOUSTICAL PROBLEM SUCH AS VIBRATION, IMPACT NOISE, ETC.
16. PROVIDE FIRE RETARDANT WOOD BLOCKING IN METAL STUD PARTITIONS AS REQUIRED FOR SUPPORT AND/OR INSTALLATION OF DOOR FRAMES, MOLDINGS, MILLWORK, WALL PANELS, HANDRAILS, GRAB BARS, AND/OR PARTITIONS WHICH CONTAIN PLUMBING FIXTURES (SUCH AS WET WALLS AND WALLS ADJACENT TO AND BEHIND PLUMBING FIXTURES) U.N.O.
19. CEMENTITIOUS BACKER BOARD SHALL BE USED AT PARTITIONS WHICH CONTAIN BATHROOM OR KITCHEN PLUMBING FIXTURES U.N.O.
20. USE GALVANIZED METAL CORNER BEADS AND EDGE TRIMS (OR SCREEDS AS REQUIRED) IN ALL EXPOSED WORK, POSITIVELY ATTACHED WITH FASTENERS.
21. TAPE AND APPLY JOINT COMPOUND TO ALL INTERIOR CORNERS AND MOVEMENT CONTROL JOINTS IN GYPSUM BOARD PARTITIONS U.N.O.
22. PROVIDE VERTICAL CONTROL JOINTS FOR ANY UNINTERRUPTED PARTITION LENGTH AT 30'-0" O.C. IN THE HORIZONTAL DIRECTION WHERE INDICATED OR AS REQUIRED. VERIFY LOCATIONS WITH ARCHITECT BEFORE INSTALLATION.
23. ALL PLUMBING, MECHANICAL AND ELECTRICAL WORK WITHIN PUBLIC SPACES IS TO BE CONCEALED BY PAINTED SUSPENDED GYPSUM BOARD SOFFITS AND CEILINGS, COORDINATE LOCATIONS WITH MEPFP DRAWINGS.
24. PROVIDE CONTINUOUS GYPSUM BOARD CANTS OF 75 DEGREES WITH 4" 20 GA GALVANIZED SHEET METAL STRAPS 4'-0" O.C. IN ELEVATOR SHAFTS MORE THAN 2'.
25. ALL MASONRY PARTITIONS THAT EXTEND BETWEEN STRUCTURAL CONCRETE COLUMNS AND/OR SHEAR WALLS SHALL HAVE VERTICAL SEALANT JOINTS BETWEEN CONCRETE AND MASONRY.
26. ALL FIRESAFED MASONRY PARTITIONS SHALL HAVE CONTINUOUS FIRESAFING OF DENSITY AS SPECIFIED. PROVIDE CONTINUOUS JOINT FILLER AND ELASTOMERIC SEALANT AT THE TOP OF THE WALL AND UNDERSIDE OF STRUCTURE.
27. INTERSECTIONS OF MASONRY PARTITIONS SHALL BE CONSTRUCTED BY INTERLOCKING ALTERNATE COURSES OF MASONRY AND INSTALLING METAL TIES, RIGID ANCHORS, OR PREFABRICATED JOINT REINFORCEMENT.
28. COORDINATE LOCATIONS OF ALL OPENINGS REQUIRED IN MASONRY PARTITIONS WITH ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS. REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE AND REINFORCING SCHEDULE.
29. SEE FINISH PLAN FOR WATERPROOFING REQUIREMENTS



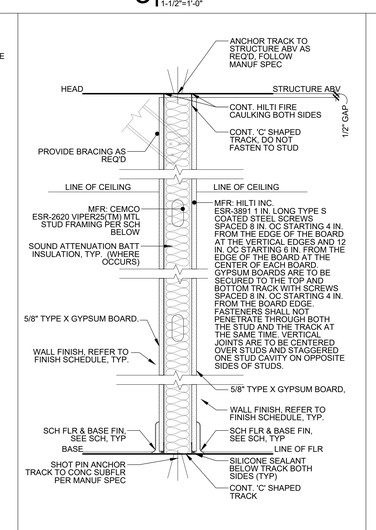
PARTITION: 5 (GENERAL & TREATMENT)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	-	-	-	-	-	-	-



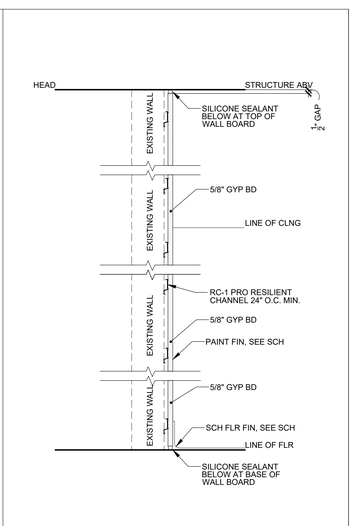
PARTITION: 6 (QUIET ROOM)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	49
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	48
C	2 1/2"	16" OC	N/A	2"	20	3 1/8" NOM	44
D	3 5/8"	16" OC	N/A	3"	16	5" NOM	48



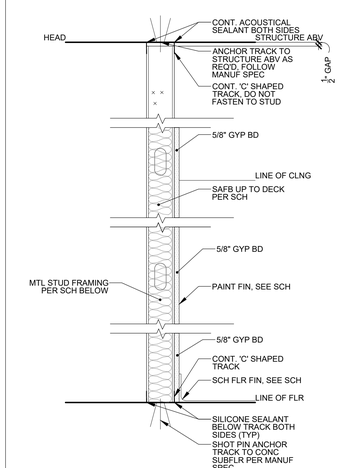
PARTITION: 7 (UL-419) 1 HOUR RATED

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	-	-	-	-	-	-	-
B	3-5/8"	16" OC	1 HR	3-1/2"	20	5" NOM.	45
C	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-



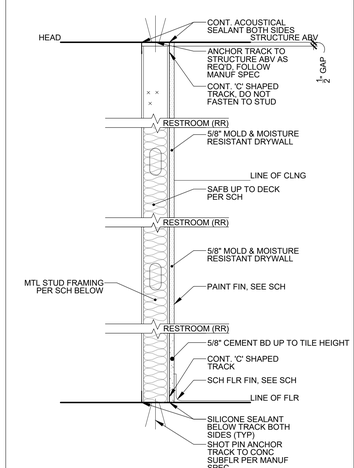
PARTITION: 8 SOUND FURRING

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-
D	1/2"	16" OC	N/A	0"	20	1" NOM.	N/A



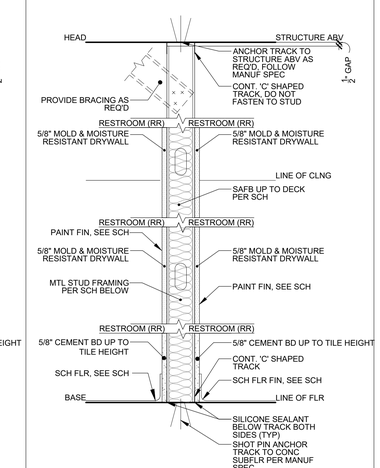
PARTITION: 1 (FURRING)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	6 5/8" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	4 1/4 " NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	1 5/8"	16" OC	N/A	0"	20	2 1/4" NOM	N/A



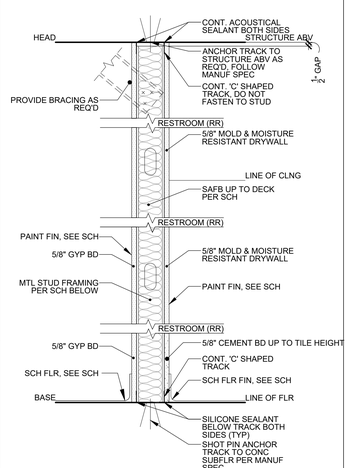
PARTITION: 2 (FURRING @ R.R.)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	6 5/8" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	4 1/4 " NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	1 5/8"	16" OC	N/A	0"	20	2 1/4" NOM	N/A



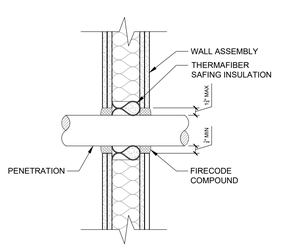
PARTITION: 3 (R.R. TO R.R.)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	-	-	-	-	-	-	-



PARTITION: 4 (R.R. TO OTHER)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSULATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	6"	16" OC	N/A	6"	20	7 1/4" NOM	N/A
B	3 5/8"	16" OC	N/A	3"	20	5" NOM	N/A
C	2 1/2"	16" OC	N/A	2	20	3 1/8" NOM	N/A
D	-	-	-	-	-	-	-



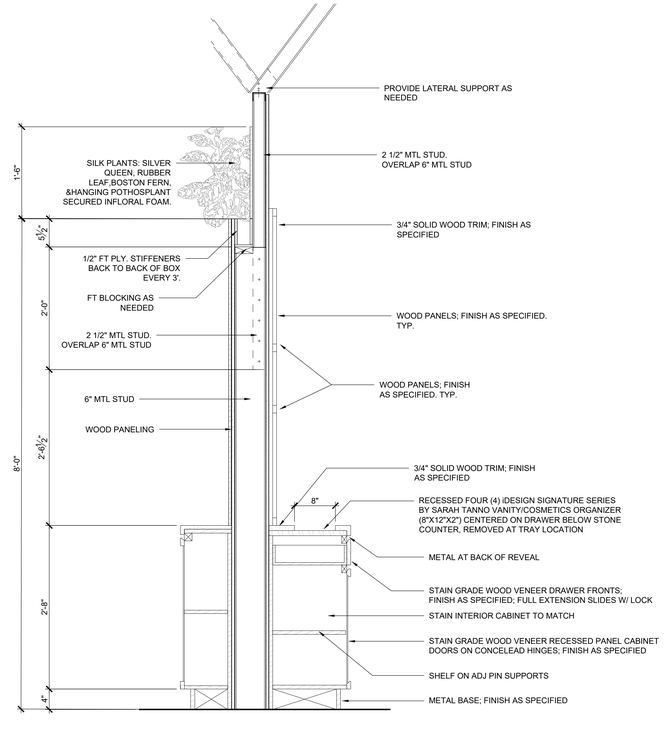
UL DESIGN U605 FIRESTOP WALL PENETRATION DETAIL

1 FIRESTOP PENETRATION DETAIL

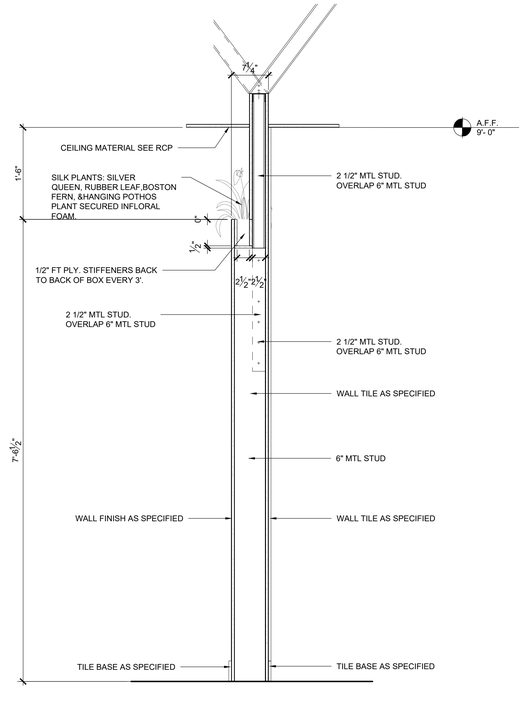
1-1/2" = 1'-0"

WALL TYPES

A8-1



A BRAND TOUCH POINT
1" = 1'-0"



E LOCKER ROOM PLANTER
1" = 1'-0"

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DATE OF SIGNATURE: MM-DD-YYYY

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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ
Approved By: JD

No.	Issue	Date
	TEMPLATE START	10-31-2024

SHEET TITLE & NUMBER

WALL DETAILS

A8-1A

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2025 6:39 PM

PLOTTED BY: KEVIN PASLEY

EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER'S NAME	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
E1	ELECTRIC FIREPLACE	DIMPLEX	IGNITE XL, XLF74 W/ XLFTRIM74 TRIM KIT	G.C.	G.C.	PARTY ROOM
E2	CLINICIANS/ADJUSTABLE/FLAT TABLE	OAKWORKS	OAK358	OWNER	G.C.	TREATMENT, DUAL TREATMENT, AND DUET ROOM
E3	PNEUMATIC STOOL	-	-	OWNER	G.C.	<varies>
E4	POS COMPUTER	-	-	OWNER	OWNER	RECEPTION DESK
E7	INFRARED SAUNA	HALOTHERAPY	HaloIR 4-PERSON ADA	OWNER	G.C.	SAUNA/VITALITY ROOM
E8	HIMALAYAN SALT BRICK WALL	SALT CHAMBER	4" X 8" WHITE HIMALAYAN SALT BLOCK WALL W/ COLOR CHANGING LED LIGHTING - REF. SALT CHAMBER SPEC. SHEET FOR CONSTRUCTION DETAILS & INFO	G.C.	VENDOR	SALT ROOM
E8A	WALL MOUNTED PRIZMA DRY SALT AEROSOL MACHINE	HALOTHERAPY	SALT FX PRO. 10.6"W X 18.9"H X 10.2"D. 100-240V, 50/60 HZ	G.C.	VENDOR	SALT ROOM CL
E12	HOT TOWEL CABINET	EARTHLITE HOT TOWEL CABINET	C91923, UL LISTED, 120/220 VOLTS 15.5" x 14"H x 11"D	OWNER	OWNER	TR RM, FC RM, DUET RM, TUB/TR RM
E13	STEAMER AND MAGNIFYING LAMP	2-IN-1 STEAMER & MAGNIFYING LAMP FACIAL SYSTEM	CE722, 110V, HEATER COIL 650 WATTS, 60HZ 8 AMPS MAX	OWNER	OWNER	FC ROOM, DUAL FC RM
E14	WAX WARMER (LOCATED IN M13)	THERMAL SPA	DOUBLE WAX WARMER ELITE WITH LID, #PAR00501	OWNER	OWNER	FC ROOM, DUAL FC RM
E19	DUAL TEMPERATURE UV TOWEL WARMER CABINET	SPA EQUIP	SE0007	OWNER	OWNER	LOCATED IN M4 & M12, NAIL ROOM, PREP/BOH ROOM
E21	3-TIERED NAIL FIXTURE ON CASTERS	WOODHOUSE STANDARD	WOODHOUSE STANDARD	OWNER	OWNER	NAIL/FLEX ROOM
E22	HYDRAFACIAL MACHINE	HYDRAFACIAL	SYNDEO	OWNER	OWNER	FACIAL ROOMS
E23	STACKED WASHER-DRYER	DEXTER LAUNDRY	T-450	OWNER	VENDOR	PREP/BOH ROOM
E32	INSTANT HOT WATER TANK	INSINKERATOR	HWT300-F2000S	G.C.	G.C.	M9, M5, M12, WET BAR, NAIL RM, PREP
E33	UNDERCOUNTER STAINLESS STEEL DISHWASHER	WHIRLPOOL	#WDF130PAHB 24.5"D X 34.5"H X 24"W	G.C.	G.C.	PREP/BOH ROOM
E34	UNDER COUNTER STAINLESS STEEL ICE MAKER	MANITOWOC	SM-50A 14.75" AIR COOLED UNDERCOUNTER OCTAGONAL CUBE ICE MACHINE #499SM50A	G.C.	G.C.	PREP/BOH ROOM
E35	REFRIGERATOR	FRIGIDAIRE	FFTR2021TB	G.C.	G.C.	PREP/BOH ROOM
E36	COUNTER TOP MICROWAVE	GE CO.	JES1145DLWW	G.C.	G.C.	PREP/BOH ROOM
E37	COUNTER TOP COFFEE MAKER	-	MATCH FINISH TO OTHER APPLIANCES	OWNER	OWNER	PREP/BOH ROOM
E38	UNDERCOUNTER REFRIGERATOR	SUMMIT	ADA COMPLIANT BEVERAGE COOLER #ALBV2466 23.38"D X 31.63"H X 23.6"W	OWNER	G.C.	NAIL/FLEX ROOM
E45	DRAPERY SYSTEM	-	-	OWNER	OWNER	-
E46	IT CAB	-	-	IT VENDOR	IT VENDOR	OFFICE
E100	LIGHT STEM	-	-			FC RM, DUAL FC RM

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

PLUMBING SELECTIONS

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
PL1.1	TOILET - FLOOR MOUNTED, ADA	ZURN AND BEMIS	Z5560 WITH BEMIS 1055SSC WHITE FINISH	G.C.	G.C.	LOCKER ROOM, BOH
PL7	ADA COOLER FILTERED 8 GPH LIGHT GRAY	ELKAY	LZSTL8WSLP	G.C.	G.C.	HALL
PL9A	WALL HUNG LAVATORY SINK, WHITE FINISH	-	-	G.C.	G.C.	REFER TO PLUMBING SHEETS
PL9B	VANITY SINK	KOHLER	VOX RECTANGLE VESSEL BATHROOM SINK #K-5373-0, 22-5/8" X 16-1/8", WHITE FINISH	MILLWORKER	G.C.	BUILT IN M14A & M14B, LOCKER ROOMS
PL10	VANITY FAUCET	BWE	6004-H	MILLWORKER	G.C.	BUILT IN M14A & M14B, LOCKER ROOMS
PL11	TREATMENT SINK	KOHLER	K-3339-NA	MILLWORKER	G.C.	BUILT IN M13A, M13B, TR RM, DUET RM, FC RM, DUAL FC RM
PL12	TREATMENT FAUCET	BRIENZA	MONCALIERI SINGLE HANDLE 1-HOLE MOUNT VESSEL SINK FAUCET/DRAIN MODEL #BRN-MCRVFD FINISH: OIL RUBBED BRONZE	MILLWORKER	G.C.	BUILT IN M13A, M13B, TREATMENT ROOM, DUET ROOM, FC ROOM, DUAL FC ROOM
PL15	DROP IN BATH TUB	SWISS MADISON	SM-DB567	G.C.	G.C.	TUB ROOM
PL16	TUB FAUCET	KOHLER	K-77990-4 DECK-MOUNT BATH FAUCET HANDLES W/ VALVE (BL), K-77985 DECK-MOUNT BATH SPOUT W/ TUBE DESIGN (BL), K-21335-G ROUND TWO-FUNCTION HANDSHOWER, 1.75 GPM (BL), K-77989 HANDSHOWER HOLDER AND TWO-WAY DIVERTER VALVE (BL), K-26311 ADA HANDSHOWER HOSE ADAPTER (BL)	G.C.	G.C.	TUB ROOM
PL17	NAIL/FLEX SINK	MR DIRECT	T1717	MILLWORKER	G.C.	BUILT IN M5 & M9, WET BAR, NAIL/FLEX ROOM
PL18	NAIL/FLEX FAUCET	PEERLESS	P1819LF	MILLWORKER	G.C.	BUILT IN M5, M9, WET BAR, NAIL/FLEX ROOM
PL22	FLOOR DRAIN	SEE PLUMBING	-	G.C.	G.C.	-
PL24	LAUNDRY SINK	DURASTONE	COUNTERTOP SINK MODEL 11, COLOR: WHITE, 20"L X 17"W X 10"D	MILLWORKER	G.C.	BUILT IN M10, BOH ROOM
PL25	LAUNDRY FAUCET	DELTA	MODEL #B3310LF	MILLWORKER	G.C.	BUILT IN M10, BOH ROOM
PL27	MOP SINK	MUSTEE	E.L. MUSTEE, 24" X 24" MOP BASIN (63M)	G.C.	G.C.	JANITOR ROOM
PL28	INSTANT HOT FAUCET	INSINKERATOR	HWT300-FC000S	G.C.	G.C.	M9, M5, M12, WET BAR, NAIL ROOM, PREP
PL29	PREP SINK	DAYTON SPECIFICATIONS	D23319	MILLWORKER	G.C.	BUILT IN M12, BOH ROOM
PL30	PREP FAUCET	OAKBROOK PACIFICA	TWO-HANDLE CHROME KITCHEN FAUCET SIDE SPRAYER INCLUDED	MILLWORKER	G.C.	BUILT IN M12, BOH ROOM
PL32A	HANDSHOWER KIT	KOHLER	K-22178 MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32B	MIXING CONTROL	KOHLER	K-TS14423-4 MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32C	TRANSFER VALVE TRIM	KOHLER	K-T14491-4BL MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32D	WALL MOUNT SUPPLE ELBOW	KOHLER	K-22172 MATTE BLACK	G.C.	G.C.	REF. ELEVATIONS FOR LOCATION
PL32E	AWAKEN 10" RAINHEAD W/ 6" STEM	KOHLER	K-76465 MATTE BLACK	G.C.	G.C.	SHOWERS
PL40	CURBLESS SHOWER	SCHLUTER	KERDI WATERPROOFING SHOWER AND WALL SYSTEM	G.C.	G.C.	SHOWERS

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

FURNITURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	DETAILS	SUPPLIED BY	INSTALLED BY	LOCATION
	SOFA	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	CHAISE	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	SQUARE CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	ROUND CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	ARMLESS CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	SMALL FRAME CHAIR	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	BENCH	SUNNYROAD, WILLIAM SONOMA INC. or UTTERMOST	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	OTTOMAN	SUNNYROAD, WILLIAM SONOMA INC. or UTTERMOST	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	CONSOLE	SUNNYROAD, WILLIAM SONOMA INC. or UTTERMOST	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	COFFEE TABLE	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	SIDE TABLE	SUNNYROAD or WILLIAM SONOMA INC.	VARIES - SEE FURNITURE LAYOUT	OWNER	G.C.	QUIET ROOM/VIP ROOM
	OFFICE TASK CHAIR	HON	HON ALARIS TASK (ARMLESS)	OWNER	G.C.	OFFICE
	OFFICE DESK			OWNER	G.C.	OFFICE
	NAIL CHAIR			OWNER	G.C.	NAIL/FLEX ROOM
	PEDICURE CHAIR	LIVING EARTH CRAFTS	WILSHIRE LE L100171	OWNER	G.C.	NAIL/FLEX ROOM
	PEDICURE STOOL	LIVING EARTH CRAFTS		OWNER	G.C.	NAIL/FLEX ROOM

MILLWORK SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
M1	RECEPTION DESK	CUSTOM	WH-RD-3	KEAMARK	KEAMARK	RECEPTION
M1A	RECEPTION DESK BACK BAR	CUSTOM	CUSTOM	KEAMARK	KEAMARK	RECEPTION
M2	RETAIL FIXTURING	CUSTOM	WH-RT-WS, CR	KEAMARK	KEAMARK	RETAIL
M3	BRAND TOUCH POINT FIXTURE	CUSTOM	WH-BT	KEAMARK	KEAMARK	BRAND TOUCH POINT
M4	SALT ROOM BENCH	CUSTOM	CUSTOM	KEAMARK	KEAMARK	SALT ROOM
M5	NAIL ROOM CABINET	CUSTOM	WH-NR	KEAMARK	KEAMARK	NAIL ROOM
M6	ADA LOCKER ROOM BENCH	CUSTOM	WH-RR-BN	KEAMARK	KEAMARK	<varies>
M7A	LOCKER ROOM TOWEL DROP	CUSTOM	WH-RR-TD-35	KEAMARK	KEAMARK	LOCKER ROOMS
M7B	TUB ROOM TOWEL DROP	CUSTOM	CUSTOM	KEAMARK	KEAMARK	TUB ROOM
M9	WET BAR	CUSTOM	CUSTOM	KEAMARK	KEAMARK	HALLWAY
M10	BOH LAUNDRY CASEWORK	CUSTOM	WH-BOH-LD	KEAMARK	KEAMARK	BOH ROOM
M11	PREP BREAK ROOM DESK AND STORAGE	CUSTOM	WH-BOH-BK	KEAMARK	KEAMARK	PREP, BOH ROOM
M12	BOH PREP ROOM CASEWORK	CUSTOM	WH-BOH-PR	KEAMARK	KEAMARK	BOH ROOM
M13A	TREATMENT ROOM CABINET	CUSTOM	CUSTOM	KEAMARK	KEAMARK	TREATMENT ROOM
M13B	DUAL TREATMENT ROOM CABINET	CUSTOM	CUSTOM	KEAMARK	KEAMARK	DUAL TREATMENT ROOM
M14A	RESTROOM VANITY 2 PERSON	CUSTOM	WH-RR-V2	KEAMARK	KEAMARK	LOCKER ROOMS
M14B	RESTROOM VANITY 1 PERSON	CUSTOM	WH-RR-V1	KEAMARK	KEAMARK	LOCKER ROOMS
M14C	VANITY MIRROR	CUSTOM	CUSTOM	KEAMARK	KEAMARK	LOCATED IN M14A & M14B, LOCKER ROOMS
M15	VANITY & BUILT-IN TRASH CAN	CUSTOM	CUSTOM	KEAMARK	KEAMARK	WOMEN'S LOCKER ROOM
M23	EMPLOYEES LOCKERS	CUSTOM	WH-BOH-LK	KEAMARK	KEAMARK	BOH ROOM
M24	LOCKERS	CUSTOM	WH-LK	KEAMARK	KEAMARK	LOCKER ROOMS
M26	TREATMENT NAIL TABLE	CUSTOM	GL-71	KEAMARK	KEAMARK	NAIL ROOM
M27	TEA LIGHT	CUSTOM	WH-SH-42	KEAMARK	KEAMARK	TREATMENT, DUAL TREATMENT, AND DUET
M28	OFFICE WALL SHELF LARGE	CUSTOM	WH-OF-WL	KEAMARK	KEAMARK	OFFICE
M29	OFFICE COUNTERTOP	CUSTOM	WH-OF-CT	KEAMARK	KEAMARK	OFFICE
M30	OFFICE SHELVES	CUSTOM	CUSTOM	KEAMARK	KEAMARK	OFFICE
M31	TUB ROOM SHELVES	CUSTOM	CUSTOM	KEAMARK	KEAMARK	TUB ROOM
M32	TEALIGHT HOLDER	CUSTOM	CUSTOM	KEAMARK	KEAMARK	LOCKER ROOMS

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

LOCKER ROOM ACCESSORIES

TAG	DESCRIPTION	MANUFACTURER'S NAME	MODEL NO.	SUPPLIED BY	INSTALLED BY	COMMENTS
TA1	RECESSED TOILET TISSUE DISPENSER FOR STUD WALL OR COUNTERTOP APRONS	BOBRICK	B-667	G.C.	G.C.	FOR MOUNTING LOCATION SEE RETROOM ELEVATIONS
TA2	12" ADA GRAB BAR	KOHLER	K-11891-MATTE BLACK	G.C.	G.C.	AT ADA SHOWER
TA3	18" ADA GRAB BAR	KOHLER	K-11892-MATTE BLACK	G.C.	G.C.	AT ADA TOILET
TA4	24" ADA GRAB BAR	KOHLER	K-11893 MATTE BLACK	G.C.	G.C.	AT ADA SHOWER
TA5	36" ADA GRAB BAR	KOHLER	K-11895 MATTE BLACK	G.C.	G.C.	AT ADA TOILET
TA6	42" ADA GRAB BAR	KOHLER	K-10545 MATTE BLACK	G.C.	G.C.	AT ADA TOILET
TA7	48" ADA GRAB BAR	KOHLER	K-11897 MATTE BLACK	G.C.	G.C.	AT ADA SHOWER
TA9	SOAP DISPENSER	FREE STANDING BROOKSDALE ROUND RESIN MARBLE LOOK	SKU: W0048986B4	OWNER	OWNER	NOT PROVIDED OR INSTALLED BY GC
TA14	BOBRICK B-270 CONTURA SERIES SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK WASHROOM EQUIPMENT, INC.	B-270	G.C.	G.C.	WOMENS TOILETS, EMPLOYEES TOILET
TA18	UNDER COUNTER TRASH CAN	-	TO FIT WITHIN 16"W X 20"L MILLWORK CABINET	OWNER	G.C.	LOCATED IN M14A & M14B, LOCKER ROOMS
TA25	ROBE HOOK	LIBERTY (HOME DEPOT)	B295276-FB-C	G.C.	G.C.	LOCKER ROOMS
TA28	WALL HUNG MIRROR W/ METAL FRAME	CUSTOM	-			LOCKER ROOM, 36" x 96"
TA30	WOVEN, FREE-STANDING TOWEL/PAPER TOWEL BASKET	-	-	OWNER	G.C.	LOCATED IN M14A & M14B, LOCKER ROOMS
TA31	66" ADA GRAB BAR	CUSTOM	CUSTOM ADA GRAB BAR. 1.25" DIA. MATTE BLACK	G.C.	G.C.	SEE KOHLER GRAB BARS FOR DESIGN INTENT
TA32	33" DECK MOUNTED ADA GRAB BAR	CUSTOM	CUSTOM ADA GRAB BAR. 1.25" DIA. MATTE BLACK	G.C.	G.C.	SEE KOHLER GRAB BARS FOR DESIGN INTENT
TA33	FOLD DOWN ADA SHOWER BENCH	FREEDOM SHOWERS	APFSHAF1851557W-M	G.C.	G.C.	ADA SHOWER

NOTES: GC TO CONFIRM ALL QUANTITIES PRIOR TO ORDERING

HATCHED ITEMS ARE NOT USED

MUNICIPAL APPROVAL STAMP

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WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

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PROJECT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT

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CONSULTANTS

CLIENT REVIEW

Project Number: 25-005
Drawn By: KP / JZ Approved By: JD

No.	Issue	Date

SHEET TITLE & NUMBER

EQUIPMENT & FURNITURE SCHEDULES

A8-2

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006888 EXPIRES: 4/30/2023

PLOT DATE: 3/4/2025 5:01 PM PLOTTED BY: KEVIN PARLEY

Finish Schedule

Legacy Mark	Mark	Location	Signature Moment				Lux				Grand Lux			
			Description	Manufacturer	Model	Comments	Description	Manufacturer	Model	Comments	Description	Manufacturer	Model	Comments
ACT-1	ACT-1	Customer Forward Spaces (Field Selection)	Acoustical Ceiling Tile	Armstrong	Dune: Angled Tegular	Color: White Texture: Medium Dimension: 24" x 24" x 5/8"	Acoustical Ceiling Tile	Armstrong	Georgian 1753 Beveled Tegular	Color: White Texture: Medium Dimension: 24" x 24" x 5/8"	Acoustical Ceiling Tile	Armstrong	Georgian 1753 Beveled Tegular	Color: White Texture: Medium Dimension: 24" x 24" x 5/8"
ACT-2	ACT-2	Back of House	Acoustical Ceiling Tile	Armstrong	Dune: Beveled Tegular	Color: Grey Stone Texture: Medium Dimension: 24" x 24" x 3/4"	Acoustical Ceiling Tile	Armstrong	Cirrus Beveled Tegular	Color: Grey Stone Texture: Medium Dimension: 24" x 24" x 3/4"	Acoustical Ceiling Tile	Armstrong	Cirrus Beveled Tegular	Color: Grey Stone Texture: Medium Dimension: 24" x 24" x 3/4"
ES-1	ES-1	Exterior Entry Finish	Wood-look fiber cementpanel	Nichiha	Product Name: VintageWood, Cedar Color: Cedar, EPC7629 Size: 17 7/8"H x 5/8" Thk. Pattern Options: Installed Horizontally.	Notes: Follow manufacturers instructions for installation.	Wood-look fiber cementpanel	Nichiha	Product Name: VintageWood, Cedar Color: Cedar, EPC7629 Size: 17 7/8"H x 5/8" Thk. Pattern Options: Installed Horizontally.	Notes: Follow manufacturers instructions for installation.	Wood-look fiber cementpaael	Nichiha	Product Name: VintageWood, Cedar Color: Cedar, EPC7629 Size: 17 7/8"H x 5/8" Thk. Pattern Options: Installed Horizontally.	Notes: Follow manufacturers instructions for installation.
FRP-1	FRP-1	Back of House	FRP	Maltite	FRP (Standard FRP) Color: 51006 WHITE Surface: Smooth Size: 4'x10' x 3/32" Thk.	Lead Time: In-stock	FRP	Maltite	FRP (Standard FRP) Color: 51006 WHITE Surface: Smooth Size: 4'x10' x 3/32" Thk.	Lead Time: In-stock	FRP	Maltite	FRP (Standard FRP) Color: 51006 WHITE Surface: Smooth Size: 4'x10' x 3/32" Thk.	Lead Time: In-stock
FW-1	FW-1	Reception/Feature Entry Wall									Vertical Foliage Panels	Garden On The Wall	Product: Tier 1, Foliage/Moss applied over Flat Moss canvas w/ 50% density Patterns: To be sketched/rendered by GOTW for approval per actual dimensions Safety Reference: Flame Spread Index (ASTM E84): Class 1 or A Size: custom, 3"-4" depth	Notes: Installation should be completed by trained Garden on the Wall technicians to ensure standards and to receive 5 year warranty. Backing wall prepped with 3/4" plywood.
GL-1	GL-1	Tub Room									Cirrlex Patterned Glass	Bendheim	Pattern: DRTK-1067 Size: 60" x 120" Lead time: 3-4 weeks, Notify Architect of extended lead times.	CIRRLITE DECORATIVE PATTERNED, Wool opaque at base, clear at top. Notes: Glass is annealed and laminated safety glass, but can be tempered and laminated in needed for the application. Glass panel to meet safety standards and codes.
MF-1	MF-1	Entry Arch & Gold Accents	Scuff Master Bronze Paint	Wolf Gordon	Color: Warm Metals, GOM 12789593 Base: Waterbased plyurethane acrylic Lead Time: In-stock	Notes: Refer and follow all manufacturer preparation, installation and finishing instructions.

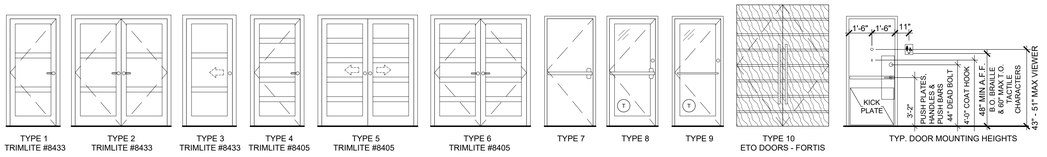
DOOR SCHEDULE

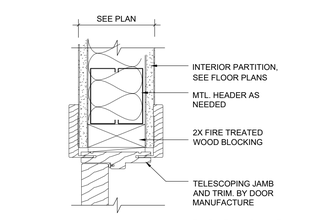
TAG	ROOM NAME	MANUFACTURER	DOOR						FRAME							
			TYPE	HEIGHT	WIDTH	THICKNESS	MATERIAL	FINISH	*ALT FINISH	MATERIAL	FINISH	HEAD	JAMB	SILL	HARDWARE	FIRE RATING	COMMENTS
100	ENTRY DOOR	ETO DOORS	10	95 1-3/4"	36" EACH	1-3/4"	FBRGLSS	WS-1	-	ALUM	MATCH STOREFRONT	-	-	-	A	-	STAIN TO MATCH NICHIHA PANELS
101A	EXIT DOOR	EXISTING	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-	-	
101B	STORAGE	TRIMLITE	4	84	28"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	
101C	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101D	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101E	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101F	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101G	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
101H	STORAGE	TRIMLITE	2	84" EACH	30" EACH	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	F	-	
102	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
103	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
104	DUET TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
105	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
106	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
107	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
108	VIP ROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
109	TREATMENT	TRIMLITE	3	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H3	J3	-	G	-	
110	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
111	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
112	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
113	TUB ROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
114	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
115	TREATMENT	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
116	MEN'S LOCKER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
117	MEN'S SHOWER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
118	MEN'S RESTROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
119	SAUNA	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	
120	WOMEN'S LOCKER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	
121	WOMEN'S RESTROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
122	WOMEN'S RESTROOM	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
123	WOMEN'S SHOWER	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	C	-	
124	QUIET ROOM	TRIMLITE	6	84" EACH	30" EACH	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	E	-	
125	FLEX/NAIL	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-1	H3	J3	-	G	-	KEYED LOCK, THUMB TURN ON PRIVACY SIDE
126	OFFICE	TRIMLITE	4	84"	36"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-1	H3	J3	-	G	-	KEYED LOCK, THUMB TURN ON PRIVACY SIDE
127A	BACK OF HOUSE	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	D	3/4 HR	DOOR AND FRAME SHALL BEAR FIRE RATING BADGE FOR 3/4 HOUR MIN.
127B	EXIT DOOR	EXISTING	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-	-	
127C	WATER HEATER	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	C	-	
127D	JANITOR	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	C	-	
128	S	TRIMLITE	1	84"	36"	1-3/8"	WOOD	PT-1	-	WOOD	PT-1	H2	J2	-	C	-	
129	IT	TRIMLITE	4	84	28"	1-3/8"	WOOD	WD-1	PT-2	WOOD	PT-2	H1	J1	-	B	-	

*GC SHALL CONFIRM WITH FRANCHISE OWNER WHETHER DOORS SHALL HAVE SCHEDULED FINISH OR ALT FINISH.

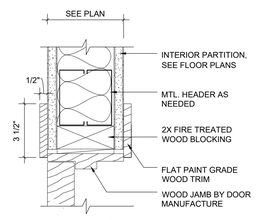
HARDWARE SCHEDULE

MARK	DESCRIPTION	SPECIFICATION
A	MAIN ENTRY DOOR (WOODHOUSE BRANDED)	SELECT GEARED CONTINUOUS HINGE SL18 HEAVY DUTY HD, BLACK MATTE FINISH
		CLOSER LCN 1460, PARALLEL ARM CLOSER W/ HOLD OPEN, PUSH SIDE TOP OF JAMB MOUNT, FINISH 613
		FULL SADDLE THRESHOLD - PEMKO 171-D, 5" WIDE, FIELD VERIFY LENGTH, FINISH BLACK MATTE ANODIZED
		FULL WEATHERSTRIPPING - PEMKO P50BL, KERF-IN WEATHERSTRIPPING
		DOOR SWEEP - PEMKO 2931 OODNB BRUSH GASKET W/ CONCEALED FASTENERS, BLACK MATTE FINISH, BLACK BRUSH
		ASTRAGAL SEAL - PEMKO 300DP RECESSED INTO DOOR, BLACK MATTE FINISH
		(1) PAIR PER LEAF - ASSA ABLOY ROCKWOOD FULL MK26 10 1.25" DIA. 48" C.C. 54"L, BLACK SUEDE POWDER COAT FINISH
		MOUNTED ON ARCHED PLATE 2262. 102, BLACK MATTE FINISH
		DOOR THICKNESS OF 1.825"-2.25" REQUIRES 6501.000.D CONVERSION KIT
		(1) VON DRPN SURFACE MOUNTED VERTICAL ROD EXIT DEVICE 9827NL-OP L TRIM, BLACK MATTE FINISH
		(1) VON DRPN SURFACE MOUNTED VERTICAL ROD EXIT DEVICE 9827 80 U TRIM, BLACK MATTE FINISH
		(1) MORTISE CYLINDER LOCK, BLACK MATTE FINISH
B	SINGLE SWING DOOR - PASSAGE	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) M1895 BL PASSAGE LOCK BY MORELLI, MATTE BLACK FINISH
C	SINGLE SWING DOOR - PRIVACY	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) M1895 BL PRIVACY LOCK BY MORELLI, MATTE BLACK FINISH
		(1) COVER PLATES BK6 XM BL-24, MATTE BLACK FINISH
D	SINGLE SWING DOOR - OFFICE	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) M1895 BL KEYED LOCK BY MORELLI, MATTE BLACK FINISH
		(1) COVER PLATES BK6 XM BL-24, MATTE BLACK FINISH
		(1) COVER PLATES CYLINDER SET USS BL-26, MATTE BLACK FINISH
E	SWING DOORS - PASSAGE (EACH LEAF)	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) BALL & CATCH SOLID BRASS - 8802 US19 FLAT BLACK
		(1) DUMMY PLATES, MATTE BLACK FINISH
		FLOOR MOUNT DOOR STOP, IVES #FS438 DOME STOP, MATTE BLACK FINISH. COORDINATE HEIGHT W/ UNDERCUT
F	SWING DOORS - DUMMY (EACH LEAF)	(3) OTLAV PLAIN (VISIBLE) HINGES, BLACK MATTE FINISH
		(1) PAIR HORIZONTAL - SQ NERO BLACK DOOR HANDLE BY MORELLI
		(1) BALL & CATCH SOLID BRASS - 8802 US19 FLAT BLACK
		(1) DUMMY PLATES, MATTE BLACK FINISH
G	SINGLE POCKET DOOR - LOCK/PASSAGE	JOHNSON HARDWARE 2060S SERIES HEAVY DUTY SOFT-CLOSE & OPEN POCKER DOOR FRAME KIT
		(PASSAGE SIDE) AGB B0193000093 SCVOLA KIT - SQUARE AND FINGER PULLS D48, MATTE BLACK FINISH
		(PRIVACY SIDE) AGB B0193000232 SCVOLA 21 KIT - KNOB/BUTTON, FINGER PULL 40-48MM, MATTE BLACK FINISH
		AGB B0890250 34 LOCK SCVOLA T QB-KEY F/MED, MATTE BLACK FINISH
H	PAIR POCKET DOOR - LOCK/PASSAGE (EACH LEAF)	JOHNSON HARDWARE 2060S SERIES HEAVY DUTY SOFT-CLOSE & OPEN POCKER DOOR FRAME KIT
		(PASSAGE SIDE) AGB B0193000093 SCVOLA KIT - SQUARE AND FINGER PULLS D48, MATTE BLACK FINISH
		(PRIVACY SIDE) AGB B0193000232 SCVOLA 21 KIT - KNOB/BUTTON, FINGER PULL 40-48MM, MATTE BLACK FINISH
		AGB B0890250 34 LOCK SCVOLA T QB-KEY F/MED, MATTE BLACK FINISH
I	ENTRY DOOR (STOREFRONT)	IF EXISTING, REKEY LOCK AND REUSE EXISTING HARDWARE IF MATCHING BELOW
		CLOSER: NORTON 1601, SIZES 1-6 BHMA-ADA COMPLIANT
		BRUSH STYLE DOOR SWEEP BY NORTON
		PROVIDE 1" LETTERS CONTRASTING WITH BACKGROUND STATING "THIS DOOR TO REMAIN UNLOCKED WHILE SPACE IS OCCUPIED"
J	EXIT DOOR (REAR EGRESS)	IF EXISTING, REKEY LOCK AND REUSE EXISTING HARDWARE IF MATCHING BELOW
		CLOSER: NORTON 1601, SIZES 1-6 BHMA-ADA COMPLIANT
		BRUSH STYLE DOOR SWEEP BY NORTON
		ALARM - THE MONITOR, MODEL 4000 AKS WITH STROBE AND BEST LOCK CYLINDER
		PANIC HARDWARE, WITH LOCKING POINTS AT HEAD AND THRESHOLD COMPLIANT WITH NFPA 101 12.2.2.2.3
1	ADD ON TO ANY HARDWARE SET ABOVE	INCLUDE ADA COMPLIANT CLOSING HARDWARE: YALE 2700 SERIES DOOR CLOSER, BLACK SUEDE POWDER COAT FINISH





H1 HEAD - TELESCOPING
3"=1'-0"



H2 HEAD - STANDARD
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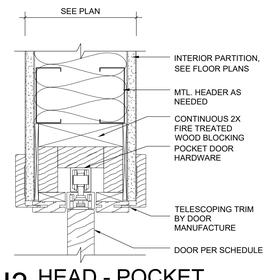

H3 HEAD - POCKET
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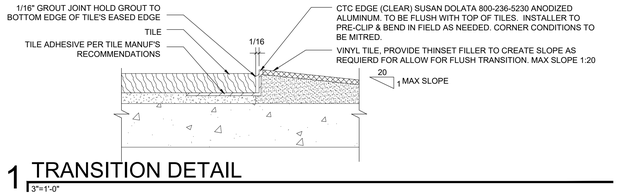

1 TRANSITION DETAIL
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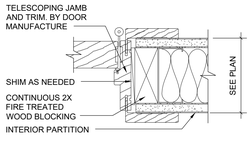

J1 JAMB - TELESCOPING
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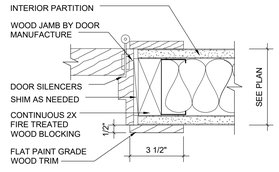

J2 JAMB - STANDARD
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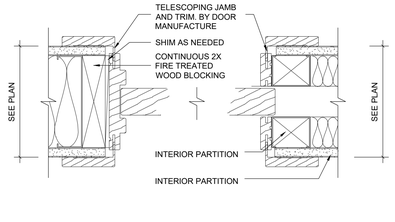

J3 JAMB - POCKET
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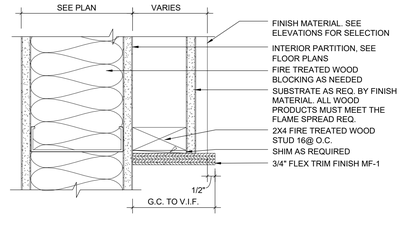

2 FEATURE WALL JAMB
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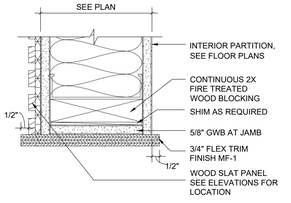

3 ARCHED OPENING JAMB
3"=1'-0"

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PLOTTED BY: KEVIN PASLEY

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

CLIENT

PROJECT

ARCHITECT
DXU ARCHITECTS
413 West Erie • Chicago • IL 60607
T 312 733 2121 • FAX 312 733 2199
CONSULTANTS

CLIENT REVIEW

No.	Issue	Drawn By: KP / JZ	Project Number: 25-005	Approved By: JD	Date

SHEET TITLE & NUMBER

DOOR SCHEDULES AND DETAILS

A8-4

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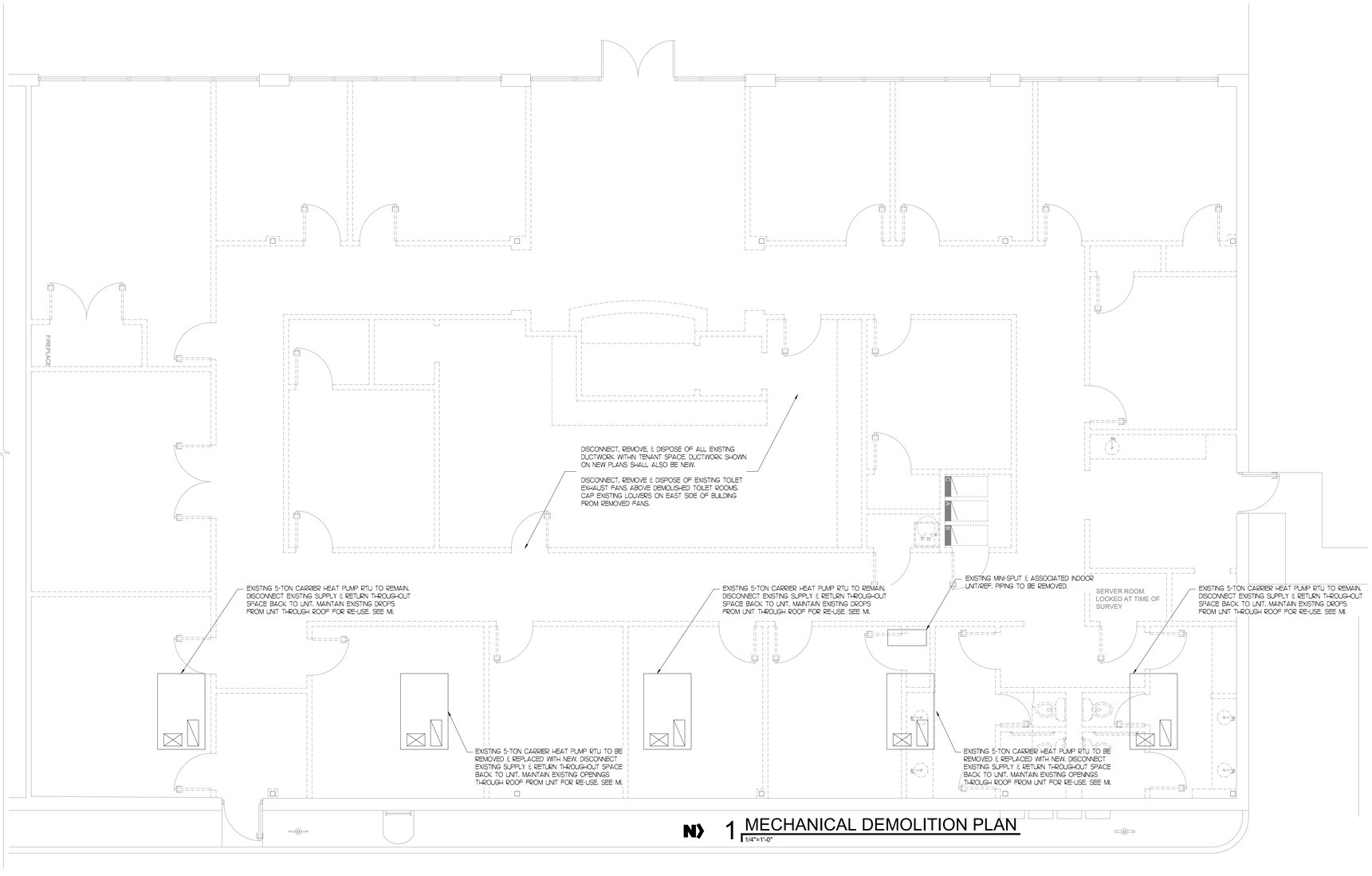

N

1 MECHANICAL DEMOLITION PLAN

1/4"=1'-0"

NOT FOR CONSTRUCTION

MUNICIPAL APPROVAL STAMP

WOODHOUSE™

WOODHOUSE SPAS - WILMINGTON, NC

1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

CLIENT

PROJECT

90% REVIEW SET
NOT FOR PERMIT

SEAL

LICENSE EXPIRES ON: MM-DD-YYYY
DATE OF SIGNATURE: MM-DD-YYYY

ARCHITECT

DXU ARCHITECTS
411 E. Wells Street • Milwaukee • Wisconsin • 53202
t 414.223.2221 • f 414.223.2220

CONSULTANTS

NEVILLE ENGINEERING SERVICE, INC
1231 W. LAKEVIEW CT
ROMEOVILLE, IL 60446
t. 630.759.4900
IL EXPIRATION DATE: 11/30/2025

CLIENT REVIEW

No.	Issue	Date
	90% PROGRESS DRAWING	03-04-2025

Project Number: 25-005
Drawn By: RM / RT
Approved By: --

SHEET TITLE & NUMBER

MECHANICAL DEMOLITION PLAN

M-0

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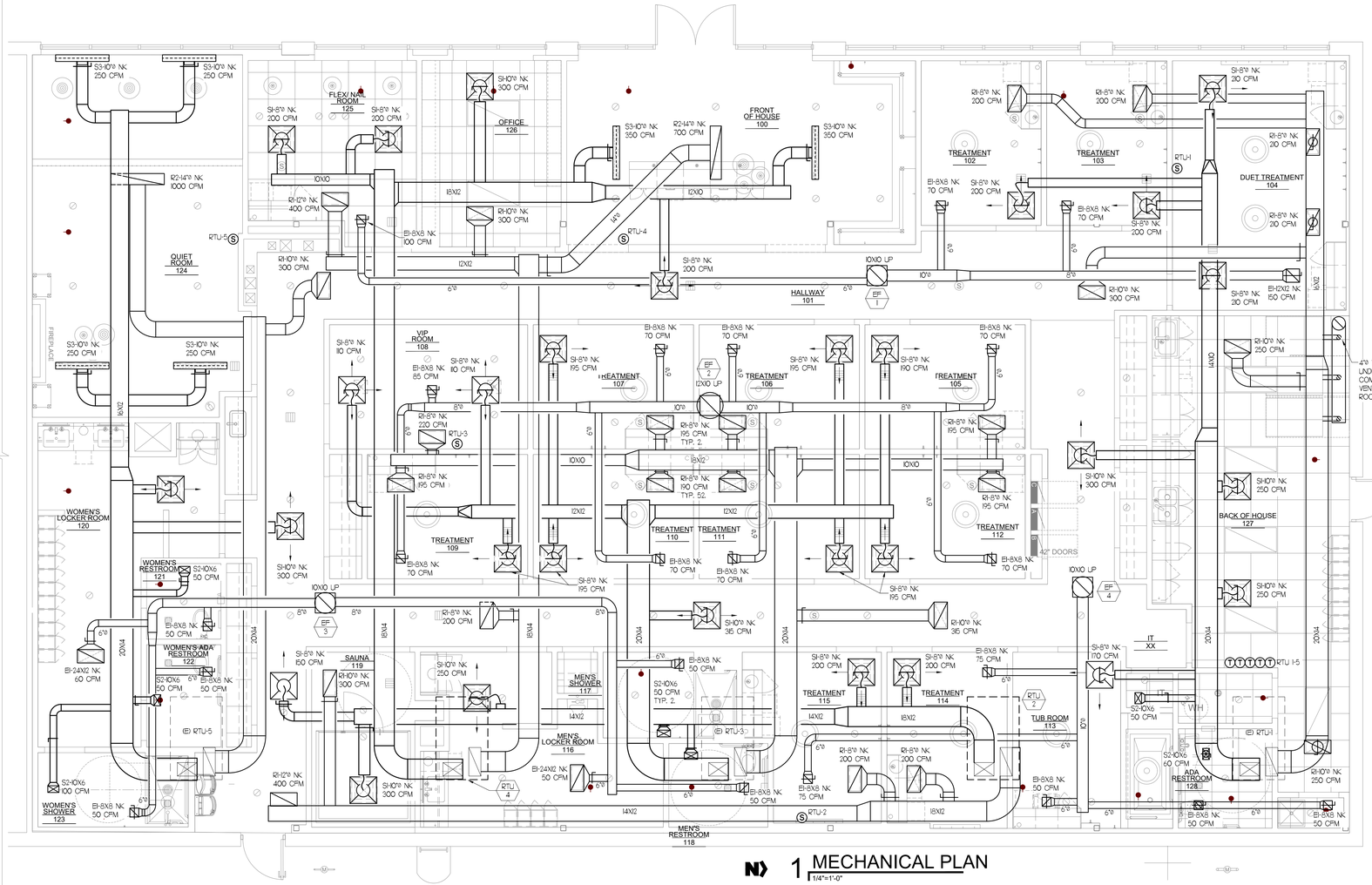
PLOTTED BY: RYAN MCCARTHY

PLOT DATE: 3/4/2025 3:57 PM



1 MECHANICAL PLAN
1/4"=1'-0"

MECHANICAL GENERAL NOTES

1. CODES

THE WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, MUNICIPAL, AND NATIONAL CODES. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS THE CONSTRUCTION DOCUMENTS SHALL GOVERN. HOWEVER, THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE AND CODE OR REGULATION.

2. DRAWINGS AND SPECIFICATIONS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR READING AND COMPLYING WITH BOTH THE DRAWINGS AND SPECIFICATIONS IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN THE DRAWINGS, NOTES, SPECIFICATIONS, OR CODES, THE REFERENCE WHICH PROVIDES THE MORE COMPLETE OR HIGHER STANDARD SHALL PREVAIL.

3. INTERPRETATION OF THE DOCUMENTS

CAREFULLY COMPARE THE DRAWINGS AND SPECIFICATIONS, CHECKING MEASUREMENTS AND CONDITIONS UNDER WHICH THIS INSTALLATION IS TO BE MADE. FOR CLARIFICATION BETWEEN VARIOUS DRAWINGS, BETWEEN DRAWINGS OR SPECIFICATION, OR BETWEEN SECTIONS OF THE SPECIFICATION. THE MATTER SHALL BE REFERRED TO THE ENGINEER BEFORE ANY WORK IS EXECUTED. THE CONTRACTOR SHALL STATE IN THEIR PROPOSAL ANY EXCEPTIONS NECESSARY TO MAKE THIS A COMPLETE, READY TO USE INSTALLATION. IF NOT STATED IN THE PROPOSAL, IT WILL NOT BE CONSIDERED EXTRA.

4. MECHANICAL DRAWINGS

THE MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL DOORS, WALLS, FURNITURE, EQUIPMENT, ETC., THE LOCATION OF DUCTWORK AND PIPING SYSTEM COMPONENTS ARE SCHEMATIC. THE EXACT LOCATION OF THESE SYSTEM COMPONENTS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. THE CONTRACTOR SHALL CONFIRM THE DIMENSIONS OF THE ACTUAL EQUIPMENT TO BE SUPPLIED FOR THIS PROJECT, AND VERIFY CLEARANCES PRIOR TO STARTING WORK.

5. SITE EXAMINATION

BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE, EXAMINE THE PREMISES, AND MAKE A THOROUGH SURVEY OF THE EXISTING CONDITIONS. THE SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT THE SITE OR FOR LATER CLAIMS FOR LABOR, EQUIPMENT, MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN SITE EXAMINATION BEEN MADE.

6. COORDINATION WITH OTHER TRADES

THE MECHANICAL CONTRACTOR SHALL OBTAIN A COMPLETE SET OF ARCHITECTURAL AND ENGINEERING DOCUMENTS AND COORDINATE WITH ELECTRICAL, PLUMBING, ARCHITECTURAL, AND OTHER TRADES FOR EXACT DIMENSIONS, CLEARANCES, EQUIPMENT LOCATIONS, AND OTHER ADDITIONAL SCOPES OF WORK THAT MAY NOT BE SHOWN ON THE MECHANICAL PLANS.

7. PERMITS, APPLICATIONS AND RELEASES

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS INSPECTIONS, APPLICATIONS, RELEASES AND FEES REQUIRED BY LOCAL, STATE AND FEDERAL AGENCIES FOR THE EXECUTION OF THIS WORK. SCHEDULING OF ALL REQUIRED INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

8. FIRE STOPPING

ALL PENETRATIONS IN WALL, FLOOR OR CEILINGS SHALL BE SUITABLY CLOSED UP AND SEALED WITH AN INTUMESCENT FIRE STOPPING COMPOUND LISTED IN THE MOST RECENT FACTORY MUTUAL RESEARCH CORPORATION (FM&C) APPROVAL GUIDE. FIRE STOPPING PRODUCTS SHALL BE MANUFACTURED BY 3M CO.

9. OWNER FURNISHED EQUIPMENT

EQUIPMENT THAT WILL BE FURNISHED BY THE OWNER WILL BE INDICATED ON A SEPARATE SCHEDULE. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR DELIVERY SCHEDULES. THE CONTRACTOR IS TO ASSUME THAT ON SITE STORAGE MAY NOT BE AVAILABLE WHEN COORDINATING DELIVERY OF EQUIPMENT. THE CONTRACTOR, IN COORDINATION WITH THE OWNER'S REPRESENTATIVE, WILL INSPECT THE DELIVERY FOR ACCURACY AND SHIPMENT DAMAGE AND ACCEPTING THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO STORE, PROTECT AND ULTIMATELY INSTALL THE EQUIPMENT.

10. EQUIPMENT

ALL MATERIALS AND EQUIPMENT USED IN THIS INSTALLATION SHALL BE NEW, AND HAVE THE APPROPRIATE UL LISTING AND LABEL.

11. MISCELLANEOUS SUPPORTING MEMBERS

ALL ANGLES CHANNELS, AND OTHER MISCELLANEOUS STEEL, BOLTS, RODS, ETC. REQUIRED TO SUPPORT LIGHT FIXTURE, CONDUIT, RACEWAY, LADDER TRAY, OR OTHER ELECTRICAL EQUIPMENT OR DEVICES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

12. SAFETY

THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE SAFETY OF THE OWNERS EMPLOYEES, BUILDING EMPLOYEES AND GUESTS, AS WELL AS THEIR OWN FORCES, BY ADEQUATELY PROTECTING ANY EXPOSED LIVE CONDUCTORS, OR DEVICES THROUGHOUT THE COURSE OF THIS WORK.

13. MANUFACTURER'S INSTALLATION INSTRUCTIONS

THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR EACH MECHANICAL APPLIANCE OR PIECE OF EQUIPMENT SHALL BE AVAILABLE TO BUILDING DEPARTMENT INSPECTORS AT THE JOB SITE FOR EACH INSPECTION. LISTING AND LABELING SHALL ALSO BE MADE AVAILABLE.

MECHANICAL ABBREVIATIONS

A	AIR OR COMPRESSED AIR
AC	AIR CONDITIONING
ACD	AUTOMATIC CONTROL DAMPER
AD	ACCESS DOOR
AF	AIR FOIL
AHU	AIR HANDLING UNIT
AMP	AMPERE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
AS	AIR STREAM
ATC	AUTOMATIC TEMPERATURE CONTROL
ATM	ATMOSPHERE
BDD	BACK-DRAFT DAMPER
BHP	BRAKE HORSEPOWER
BI	BACKWARDS INCLINED
BOD	BOTTOM OF DUCT
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CENT	CENTER OR CENTRIFUGAL
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CO	CARBON MONOXIDE
CONN	CONNECTION
CUH	CABINET UNIT HEATER
D	DRAIN
DB	DRY BULB (TEMPERATURE)
DEG	DEGREE
DDC	DIRECT DIGITAL CONTROL
DIA	DIAMETER
DIM	DIMENSION
DP	DIFFERENTIAL PRESSURE
EA	EACH OR EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EMER	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EUH	ELECTRICAL UNIT HEATER
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXT	EXTERNAL
EXP	EXPANSION
F	FAHRENHEIT
FA	FREE AREA OR FIRE ALARM
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FRP	FIBERGLASS REINFORCED PLASTIC
FS	FLOW SWITCH
FT	FEET
FTR	FIN TUBE RADIATION
G	GAS
GA	GAUGE
GAL	GALLONS
GALV	GALVANIZED
GFU	GLYCOL FEED UNIT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRADE
HD	HEAD
HP	HORSEPOWER OR HIGH POINT
HR	HOUR
HRU	HEAT RECOVERY UNIT
HTG	HEATING
HZ	HERTZ (CYCLES PER SECOND)
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LF	LINEAR FEET
LD	LINEAR DIFFUSER
LP	LOW POINT
LRA	LOCKED ROTOR AMPS
LVR	LOUVER
LVDR	LOUVERED DOOR
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	1000 BTUH
MCA	MINIMUM CIRCUIT AMPS
MECH	MECHANICAL
MIN	MINIMUM
MU	MAKE-UP WATER
MUA	MAKE-UP AIR
NC	NOISE CRITERIA OR NORMALLY CLOSED
NO	NORMALLY OPEN
NOM	NOMINAL
OA	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
OC	ON CENTER
OD	OUTSIDE DIAMETER
ODP	OPEN DRIP PROOF
OV	OUTLET VELOCITY
POF	POUNDS PER CUBIC FOOT
PD	PRESSURE DROP
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
PSID	POUNDS PER SQUARE INCH - DIFFERENTIAL
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PSIG	POUNDS PER SQUARE INCH - GAUGE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RA	RETURN AIR
RET	RETURN
RH	RELATIVE HUMIDITY
RLA	RUNNING LOAD AMPS
RLF	RELIEF
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF-TOP UNIT
SA	SUPPLY AIR
SCR	SCREEN
SCT	SATURATED CONDENSING TEMPERATURE
SD	SMOKE DETECTOR OR SMOKE DAMPER
SE	SMOKE EXHAUST
SEN	SENSIBLE
SFD	COMBINATION SMOKE / FIRE DAMPER
SHC	SENSIBLE HEAT CAPACITY
SP	STATIC PRESSURE
SF	SQUARE FEET
SS	STAINLESS STEEL
SUP	SUPPLY
T	TEMPERATURE OR THERMOSTAT
TEFC	TOTALLY ENCLOSED FAN COOLED
TEMP	TEMPERATURE
TSTAT	THERMOSTAT
TON	12,000 BTUH (COOLING CAPACITY)
TYP	TYPICAL
UC	UNDERCUT (DOOR)
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WG	WATER GAUGE
WMS	WIRE-MESH SCREEN
WPD	WATER PRESSURE DROP
WTD	WATER TEMPERATURE DIFFERENCE

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-	90% PROGRES DRAWING	03-04-2025

Project Number: 25-005
Drawn By: RM / RT
Approved By: -

SHEET TITLE & NUMBER

MECHANICAL PLAN & NOTES

M-1

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ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

PLOTTED BY: RYAN MCCARTHY

PLOT DATE: 3/4/2025 3:57 PM

EXISTING HEAT-PUMP ROOFTOP UNIT SCHEDULE (RTU-)

TAG	SERVICE	NOMINAL TONS	FAN			COOLING					HEATING			ELECTRICAL			O.A. (CFM)	UNIT WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER	NOTES
			CFM	S.P.	HP (BHP)	SENS. (MBH)	TOTAL (MBH)	ENT. AIR DB/WB	SEER (EER)	REF-454B (LBS-OZ)	INPUT (MBH) HEAT PUMP	INPUT (KW) HEATER	HEATING STAGES	VOLT.	MCA	MOCP					
RTU-1	NORTH	5.0	1,950	1.0"	(2)	-	58	80/67	14.3	19-8	27.8 / 53.5	10.5	2	208/3/60	58	60	280	610	CARRIER	50KCQA06A2A5A0A0A0	1, 2, 4
RTU-2	TO BE REPLACED WITH NEW	5.0	-	-	-	-	-	-	-	-	-	-	-	208/3/60	-	-	-	-	CARRIER	50TJQD06--V50IGA	1, 3
RTU-3	CENTER	5.0	1,950	1.0"	(2)	-	58	80/67	14.3	19-8	27.8 / 53.5	10.5	2	208/3/60	58	60	540	610	CARRIER	50KCQA06A2A5A0A0A0	1, 2, 4
RTU-4	TO BE REPLACED WITH NEW	5.0	-	-	-	-	-	-	-	-	-	-	-	208/3/60	-	-	-	-	CARRIER	50TJQD06--V50IGA	1, 3
RTU-5	SOUTH	5.0	1,950	1.0"	(2)	-	58	80/67	14.3	19-8	27.8 / 53.5	10.5	2	208/3/60	58	60	500	610	CARRIER	50KCQA06A2A5A0A0A0	1, 2, 4

NOTES:

1. EXISTING ROOFTOP UNIT FOR REFERENCE ONLY.
2. PROVIDE HONEYWELL T-10 THERMOSTATS & REMOTE TEMPERATURE SENSORS IN LOCATIONS INDICATED ON PLANS. ALTERNATE MANUFACTURERS WILL NOT BE ACCEPTED WITHOUT OWNER/CLIENT APPROVAL.
3. ROOFTOP UNIT TO BE REPLACED WITH NEW. REFER TO SCHEDULE BELOW.

NEW HEAT-PUMP ROOFTOP UNIT SCHEDULE (RTU-)

TAG	SERVICE	NOMINAL TONS	FAN			COOLING					HEATING			ELECTRICAL			O.A. (CFM)	UNIT WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER	NOTES
			CFM	S.P.	HP (BHP)	SENS. (MBH)	TOTAL (MBH)	ENT. AIR DB/WB	SEER (EER)	REF-454B (LBS-OZ)	INPUT (MBH) HEAT PUMP	INPUT (KW) HEATER	HEATING STAGES	VOLT.	MCA	MOCP					
RTU-2	EAST	3.0	1,100	1.0"	(1.5)	26.7	35.6	80/67	14.0	14-8	17.0 / 34.2	6.5	1	208/3/60	37	40	300	495	CARRIER	50KCQA04A2A5A0A0A0	1, 2
RTU-4	WEST	4.0	1,600	1.0"	(1.5)	36.7	49.0	80/67	14.0	18-0	27.4 / 48.0	6.5	1	208/3/60	41	50	140	580	CARRIER	50KCQA05A2A5A0A0A0	1, 2

NOTES:

1. ELECTRIC HEAT-PUMP ROOFTOP UNIT. INSTALL ON EXISTING CURB, PROVIDE CURB ADAPTER IF REQUIRED.
2. PROVIDE HONEYWELL T-10 THERMOSTATS & REMOTE TEMPERATURE SENSORS IN LOCATIONS INDICATED ON PLANS. ALTERNATE MANUFACTURERS WILL NOT BE ACCEPTED WITHOUT OWNER/CLIENT APPROVAL.
3. PROVIDE 10ZA00 6.5 KW ELECTRIC HEATER. SINGLE-POINT ELECTRICAL CONNECTION.

NEW EXHAUST FAN SCHEDULE (EF-)

TAG	SERVICE	CFM	S.P.	H.P.	R.P.M.	VOLTAGE	WEIGHT	MANUFACTURER	MODEL #	NOTES
EF-1	WEST TREATMENT ROOMS	390	.5"	1/8	1520	120/1/60	22	COOK	90C150H	1
EF-2	CENTER TREATMENT ROOMS	575	.5"	1/8	1470	120/1/60	24	COOK	110C15D	1
EF-3	LOCKER ROOMS	360	.5"	1/8	1480	120/1/60	22	COOK	90C150H	1
EF-4	EAST TREATMENT ROOMS/BOH	300	.5"	1/8	1425	120/1/60	22	COOK	90C150H	1

NOTES:

1. ROOF-MOUNTED DIRECT DRIVEN, DOWNBLAST CENTRIFUGAL EXHAUST VENTILATOR, SPUN ALUMINUM WITH CENTRIFUGAL BACKWARD INCLUDED FAN. UNIT SHALL BE INSTALLED ON INSULATED ROOF CURB WITH DISCONNECT MOUNTED BELOW UNIT COVER.

NEW GRILLE, REGISTER, AND DIFFUSER SCHEDULE

TAG	SERVICE	TYPE	NK SIZE	MATERIAL	OBD	MANUFACTURER	MODEL	NOTES
S-1	SUPPLY	PLAQUE SUPPLY DIFFUSER (24X24)	VARIES	ALUMINUM	NO	TITUS	OMNI-AA-NT	1, 2
S-2	SUPPLY	DOUBLE DEFLECTION SUPPLY REGISTER	VARIES	STEEL	NO	TITUS	300FL	1
S-3	SUPPLY	PLENUM 2-SLOT DIFFUSER- 1½" SLOTS	VARIES	STEEL	NO	TITUS	FL-10	1, 3
R-1	RETURN	REGISTER - (24X12 UNLESS NOTED OTHERWISE)	VARIES	STEEL	NO	TITUS	350FL	1
R-2	RETURN	PLENUM 2-SLOT DIFFUSER- 1½" SLOTS	VARIES	STEEL	NO	TITUS	TBR-80	1, 3
E-1	EXHAUST	REGISTER	VARIES	STEEL	NO	TITUS	350FL	1

NOTES:

1. FURNISH AND INSTALL VOLUME DAMPER FOR AIR FLOW BALANCING PURPOSES IN EACH DUCT TAKE-OFF TO A DIFFUSER, REGISTER OR GRILLE.
2. PROVIDE DIRECTIONAL BLOW CHIPS OB. WHERE DIRECTIONAL ARROWS ARE SHOWN. APPLIES TO DIFFUSERS LOCATED IN CORNERS OF ROOM. WHERE NO ARROWS ARE PRESENT, STANDARD 360° THROW SHALL BE PROVIDED. SEE SHEET M-1.
3. PROVIDE WITH INSULATED PLENUM FACTORY-PROVIDED ACCESSORY.

AIR BALANCE SCHEDULE

EQUIP.	OUTSIDE AIR (CFM)	EXHAUST AIR (CFM)	DIFFERENTIAL
RTU-1	280		280
RTU-2	300		300
RTU-3	540		540
RTU-4	140		140
RTU-5	500		500
EF-1		390	-390
EF-2		575	-575
EF-3		360	-360
EF-4		300	-300
TOTAL	1760	1625	135

IMC VENTILATION SCHEDULE

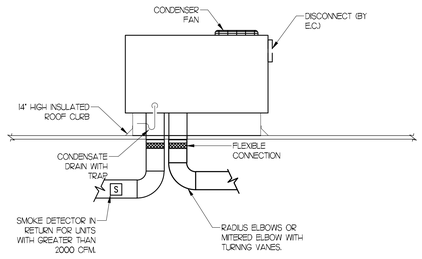
ROOM NO.	ROOM NAME	FLOOR AREA (S.F.)	NO. OF PEOPLE / FIXTURES	CODE REQUIRED OUTSIDE AIRFLOW RATE			CODE REQUIRED VENTILATION			ACTUAL			ROOM FUNCTION	SYSTEM	
				PEOPLE CFM/PER (Rp)	AREA CFM (Ra)	EXHAUST AIR CFM/SF	OUTSIDE AIR (Vbz)	OUTSIDE AIR (Voz)	EXHAUST AIR (CFM)	SUPPLY	EXHAUST	(ZP)		SUPPLY	EXH
100	FRONT OF HOUSE	374	2	5.0	0.06	N.R.	32	41	0	700	0	0.058	LOBBY	RTU-4	-
101	HALLWAY	993	0	0.0	0.06	N.R.	60	74	0	1,115	0	0.067	CORRIDOR	RTU-1,3,4	-
102	TREATMENT	111	2	20.0	0.12	0.6	53	67	67	200	70	0.333	BEAUTY SALON	RTU-1	EF-1
103	TREATMENT	111	2	20.0	0.12	0.6	53	67	67	200	70	0.333	BEAUTY SALON	RTU-1	EF-1
104	DUET TREATMENT	243	4	20.0	0.12	0.6	109	136	146	420	150	0.325	BEAUTY SALON	RTU-1	EF-1
105	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
106	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
107	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
108	VIP ROOM	138	2	20.0	0.12	0.6	57	71	83	220	85	0.321	BEAUTY SALON	RTU-3	EF-2
109	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
110	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
111	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
112	TREATMENT	112	2	20.0	0.12	0.6	53	67	67	195	70	0.343	BEAUTY SALON	RTU-3	EF-2
113	TUB ROOM	107	0	0.0	0.00	50/SH	0	0	50	120	50	0.000	SHOWER ROOM	RTU-1	EF-4
114	TREATMENT	117	2	20.0	0.12	0.6	54	68	70	200	75	0.338	BEAUTY SALON	RTU-2	EF-4
115	TREATMENT	118	2	20.0	0.12	0.6	54	68	71	200	75	0.339	BEAUTY SALON	RTU-2	EF-4
116	MEN'S LOCKER ROOM	181	0	0.0	0.00	0.25	0	0	45	300	50	0.000	LOCKER ROOM	RTU-2	EF-3
117	MEN'S SHOWER	44	0	0.0	0.00	50/SH	0	0	50	50	50	0.000	SHOWER ROOM	RTU-2	EF-3
118	MEN'S RESTROOM	47	0	0.0	0.00	50/WC	0	0	50	50	50	0.000	TOILET ROOM	RTU-2	EF-3
119	SAUNA	105	-	-	-	-	-	-	-	300	0	-	-	-	-
120	WOMEN'S LOCKER ROOM	238	0	0.0	0.00	0.25	0	0	60	300	60	0.000	LOCKER ROOM	RTU-5	EF-3
121	WOMEN'S RESTROOM	31	0	0.0	0.00	50/WC	0	0	50	50	50	0.000	TOILET ROOM	RTU-5	EF-3
122	WOMEN'S ADA RESTROOM	43	0	0.0	0.00	50/WC	0	0	50	50	50	0.000	TOILET ROOM	RTU-5	EF-3
123	WOMEN'S SHOWER	45	0	0.0	0.00	50/SH	0	0	50	100	50	0.000	SHOWER ROOM	RTU-5	EF-3
124	QUIET ROOM	420	5	5.0	0.06	N.R.	50	63	0	1,000	0	0.063	BREAK ROOM	RTU-5	-
125	FLEX/NAIL ROOM	162	2	20.0	0.12	0.6	59	74	97	400	100	0.186	BEAUTY SALON	RTU-4	EF-1
126	OFFICE	144	2	5.0	0.06	N.R.	19	23	0	300	0	0.078	OFFICE	RTU-4	-
127	BACK OF HOUSE	425	2	5.0	0.06	N.R.	36	44	0	500	50	0.089	BREAK/PREP ROOM	RTU-1	EF-4
128	ADA RESTROOM	52	0	0.0	0.00	50/WC	0	0	50	60	50	0.000	TOILET ROOM	RTU-1	EF-4
-	I.T.	9	0	0.0	0.00	0	0	0	0	100	0	0.000	STORAGE	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTALS	5,042	41	-	-	-	1,010	1,263	1,525	8,300	1,625	-	-	-	-

NOTES:

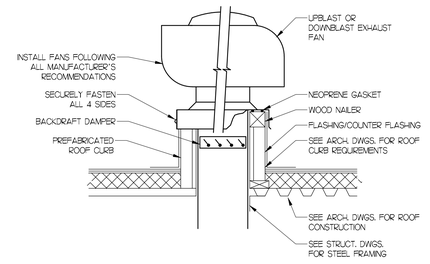
1. EVERY OCCUPIED SPACE SHALL BE VENTILATED BY MECHANICAL MEANS IN ACCORDANCE WITH SECTION 403 OF THE INTERNATIONAL MECHANICAL CODE.
2. ALL AREAS NOT NOTED IN THIS SCHEDULE ARE NOT IN THE MECHANICAL CONTRACT.

DUCTWORK SYMBOL LIST

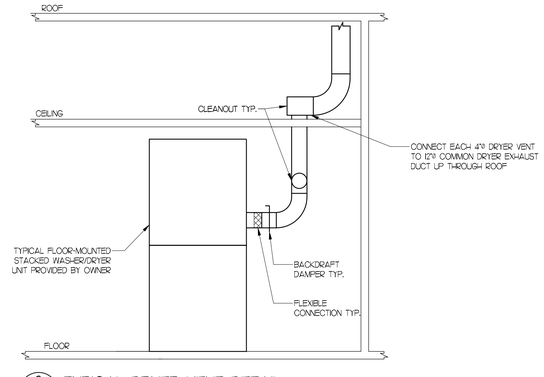
20/10	DOUBLE LINE TO SINGLE LINE TRANSITION. FIRST NUMBER IN DIMENSION IS SIDE SHOWN.
	ROUND FLEXIBLE DUCT. DOUBLE LINE AND SINGLE LINE SHOWN.
12"ø 16/12	SUPPLY AND RETURN AIR DUCT SECTIONS, ROUND AND RECTANGULAR. FIRST NUMBER IN DIMENSION IS SIDE ARROW POINTS TO.
UP DOWN	90 DEGREE SQUARE ELBOWS WITH TURNING VANES, UP AND DOWN. SUPPLY AND RETURN AIR DUCTS SHOWN.
	90 DEGREE ROUND ELBOWS, UP AND DOWN. SUPPLY AND RETURN AIR DUCTS SHOWN.
	CEILING AND DUCT MOUNTED EXHAUST FANS EF
	ROUND NECK SUPPLY AIR DIFFUSER WITH VOLUME DAMPER AT TAKE-OFF
	ROUND NECK RETURN OR EXHAUST AIR DIFFUSER WITH VOLUME DAMPER AT TAKE-OFF
	FLEXIBLE DUCT CONNECTION.
R W	LONG RADIUS ELBOWS, R = W AS PER SMACNA, AND RECTANGULAR ELBOWS WITH TURNING VANES, CONSTRUCTED AS PER SMACNA.
	MANUAL VOLUME DAMPER, "VD" TEXT DESIGNATION MAY OR MAY NOT BE PRESENT.
○	THERMOSTAT



1 M-2 ROOFTOP UNIT INSTALLATION DETAIL
NO SCALE



2 M-2 ROOF MOUNTED EXHAUST FAN DETAIL
NO SCALE



3 M-2 TYPICAL DRYER VENT DETAIL
NO SCALE

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No.	Issue	Date
-	90% PROGRESS DRAWING	03-04-2025

Project Number: 25-005
Drawn By: RM / RT
Approved By: -

SHEET TITLE & NUMBER

MECHANICAL SCHEDULES & DETAILS

M-2

ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

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PLOT DATE: 3/4/2025 3:37 PM PLOTTED BY: RYAN MCCARTHY

SPECIFICATIONS

SCOPE: THIS SPECIFICATION REQUIRES ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO MAKE A COMPLETE AND ACCEPTABLE MECHANICAL INSTALLATION AS SPECIFIED HEREIN AND SHOWN ON DRAWINGS. PROVIDE ALL ITEMS, ARTICLES, OPERATIONS, OR METHODS LISTED, MENTIONED, OR SCHEDULED HEREIN OR ON THE DRAWINGS, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY AND REQUIRED FOR COMPLETION OF THE WORK.

REGULATIONS, CODES, AND STANDARDS: CURRENT CODE REQUIREMENTS SHALL BE SATISFIED. WHERE REQUIRED BY LOCAL, STATE, OR FEDERAL AUTHORITY HAVING JURISDICTION, NO EQUIPMENT WILL BE ACCEPTED UNLESS IT BEARS THE ACCEPTANCE LABEL OF AN APPROPRIATE TESTING AGENCY.

SHOP DRAWINGS: ASUBMIT TO THE PROJECT ENGINEER FOR APPROVAL, SHOP DRAWINGS FOR ALL EQUIPMENT LISTED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE GENERAL CONDITIONS AND SUPPLEMENTARY CONDITIONS. ALLOW 10 BUSINESS DAYS FOR REVIEW BY ARCHITECT/ENGINEER. SUBMITTALS SHALL INCLUDE AS A MINIMUM THE FOLLOWING:

A. PRODUCT DATA: MANUFACTURER'S LITERATURE DESCRIBING ITEM, MODEL NUMBERS PROPOSED SHALL BE IDENTIFIED WHEN THE LITERATURE DESCRIBES MORE THAN 10 ITEM.
B. OPERATION CURVES: FOR ALL FANS SHOWING CAPACITIES, PRESSURES, HORSEPOWER, AND EFFICIENCY SHALL BE PROVIDED.
C. MANUFACTURER'S SUBMITTAL: SHOWING ELECTRICAL AND MECHANICAL REQUIREMENTS AND CONNECTION LOCATIONS SHALL BE PROVIDED.
D. MAINTENANCE DATA: SUBMIT MAINTENANCE DATA AND PARTS LIST FOR EACH TYPE OF EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

ALL SHOP DRAWINGS SUBMITTED SHALL BE STAMPED, DATED, AND SIGNED BY THE CONTRACTOR TO CERTIFY THAT THEY HAVE BEEN CHECKED BY HIM AS TO CAPACITIES, DIMENSIONS, SPACE REQUIREMENTS AND LIMITATIONS, AND ANY AND ALL OTHER REQUIREMENTS, AND FOUND ACCEPTABLE. APPROVAL OF SHOP DRAWINGS BY THE PROJECT ENGINEER SHALL NOT RELIEVE CONTRACTOR FROM FULFILLING OPERATIONAL REQUIREMENTS, OR FURNISHING ALL MATERIAL AND EQUIPMENT SPECIFIED OR NOTED, WHETHER OR NOT SPECIFICALLY SHOWN ON THE SHOP DRAWINGS. THE QUANTITY TO BE SUBMITTED SHALL BE THE NUMBER REQUIRED BY THE GENERAL CONTRACTOR.

AS-BUILT DRAWINGS: THE CONTRACTOR SHALL SUBMIT AT COMPLETION ONE (1) SET OF MARKED-UP CONTRACT DRAWINGS WHICH SHOW ALL MODIFICATIONS TO THE CONTRACT AND CHANGES OF LOCATIONS, MATERIALS, OR CONFIGURATIONS. THIS SET SHALL BE SUBMITTED WITH THE OPERATING MANUALS TO THE PROJECT ENGINEER.

OPERATING MANUALS: PROVIDE THREE (3) MANUALS, EACH WITH A COMPLETE SET OF COPIES OF SHOP DRAWINGS REQUIRED FOR THE PROJECT AS WELL AS VALVE CHARTS, MANUFACTURER'S TESTING, CLEANING AND MAINTENANCE INSTRUCTIONS, LIST OF MATERIALS FOR MAINTENANCE, PARTS LIST, WIRING DIAGRAMS, AND NAME AND ADDRESS OF AUTHORIZED SERVICE ORGANIZATIONS AND SUPPLIERS. INFORMATION SHALL BE BOUND IN 8½"X11" THREE-RING, LOOSE-LEAF BINDER, AND INDEXED IN ACCORDANCE WITH THESE SPECIFICATIONS. BINDER COVER SHALL IDENTIFY JOB NAME, DATE, AND NAME AND ADDRESS OF CONTRACTOR, ARCHITECT, AND ENGINEER. MANUALS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW OF MATERIAL PRIOR TO THE FINAL INSPECTION. MANUALS WILL BE RETURNED TO THE CONTRACTOR FOR THE SUBMITTAL TO THE OWNER AT THE TIME OF SYSTEM INSTRUCTION.

SYSTEM START-UP: AT A TIME SET BY THE CONTRACTOR AND AGREED TO BY THE OWNER, ARRANGE TO PLACE EQUIPMENT IN OPERATION. HAVE A FACTORY AUTHORIZED TECHNICIAN ASSIST IN THE EQUIPMENT START-UP AND MAKE NECESSARY ADJUSTMENTS TO PROVE SATISFACTORY OPERATION PRIOR TO TURNING FACILITY OVER TO OWNER. ALL EQUIPMENT SHALL BE RUN FOR THREE 8-HOUR TEST PERIODS. ANY IRREGULARITIES, FAULTY EQUIPMENT, ETC., SHALL BE REPAIRED OR REPLACED PRIOR TO FINAL INSPECTION AND ACCEPTANCE. AFTER TESTING, ALL EQUIPMENT SHALL BE FRESH-LY OILED, FILTERS REPLACED WITH CLEAN MEDIA, AND INSTALLATION COMPLETELY FINISHED PRIOR TO ACCEPTANCE.

OWNER INSTRUCTION: CONTRACTOR SHALL ARRANGE, IN WRITING, WITH THE OWNER, PRIOR TO FINAL INSPECTION, A DATE OR DATES TO INSTRUCT THE OWNER, AND THE OWNER'S DESIGNATED REPRESENTATIVES, IN THE OPERATION AND MAINTENANCE OF THE SYSTEM.

FINAL INSPECTION: UPON COMPLETION OF ALL WORK, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE FOLLOWING DATA:

1. BALANCE REPORTS
2. MAINTENANCE MANUALS

AFTER RECEIVING APPROVAL OF THE ABOVE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING AND MAKE ARRANGEMENTS FOR A FINAL INSPECTION. AFTER THE FINAL INSPECTION IS MADE, THE CONTRACTOR WILL RECEIVE A LIST OF ITEMS REQUIRING ADJUSTMENT, CORRECTION, REPLACEMENT, OR COMPLETION. THE CONTRACTOR SHALL COMPLY COMPLETELY WITH ALL THE LISTED REQUIREMENTS WITHIN THIRTY (30) DAYS OF THE RECEIPT OF LIST. SHOULD THE CONTRACTOR FAIL TO PERFORM WITHIN THIS TIME LIMIT, THE PROJECT ENGINEER AND/OR OWNER RESERVES THE RIGHT TO HAVE THE WORK COMPLETED BY OTHERS AND THE COST DEDUCTED FROM THE CONTRACT PRICE.

DISPOSAL: ALL MATERIALS AND EQUIPMENT SHOWN, OR INDICATED TO BE REMOVED AND NOT REINSTALLED OR RELOCATED, SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE OWNER'S PROPERTY UNLESS SPECIFIED TO THE CONTRARY.

GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS SUPPLIED BY HIM FOR ONE (1) YEAR AFTER ACCEPTANCE OF THE WORK IN HIS CONTRACT. IF, DURING THE GUARANTEE PERIOD, ANY DEFECTS OF FAULTY MATERIALS ARE FOUND, HE SHALL CORRECT IMMEDIATELY AND REPAIR ANY DAMAGE TO OTHER MATERIALS OR INSTALLATIONS CAUSED BY THE DEFECT.

EXTENDED WARRANTIES: WHEN EQUIPMENT IS FURNISHED BY THE CONTRACTOR, OR MANUFACTURER, WITH A WARRANTY LONGER THAN ONE (1) YEAR, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A COPY ALONG WITH RECEIPTS OR OTHER DOCUMENTS NECESSARY FOR FUTURE WARRANTY REPAIRS. UNLESS OTHERWISE REQUIRED, EXTENDED WARRANTIES ARE FOR EQUIPMENT ONLY, NOT MATERIALS OR LABOR TO INSTALL.

MATERIALS AND EQUIPMENT: ALL EQUIPMENT AND MATERIALS TO BE INCORPORATED IN THIS CONTRACT WORK SHALL BE NEW AND OF THE MAKES AND TYPES AS SPECIFIED AND CONTRACTED FOR. NO REMOVED EQUIPMENT SHALL BE RE-INSTALLED OR RE-USED.

PROPOSED EQUIPMENT AND MATERIALS: THIS CONTRACTOR SHALL SUBMIT A COMPLETE LIST OF PROPOSED EQUIPMENT AND MATERIALS, DESIGNATING MANUFACTURER'S NAME AND MODEL NUMBER OR TYPE, FOR PROJECT ENGINEER'S APPROVAL. CONTRACTOR SHALL MAKE SUCH SUBMITTAL WITHIN 15 DAYS AFTER NOTICE TO PROCEED AND BEFORE ORDERING ANY MATERIAL OR EQUIPMENT. APPROVAL OF SUCH A LIST SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM RESPONSIBILITY OF SUBMITTING SHOP DRAWINGS, NOR SHALL IT CONSTITUTE FINAL APPROVAL. SHOULD THE SHOP DRAWINGS BE FOUND TO BE PARTIALLY OR WHOLLY NOT IN FULL AGREEMENT WITH SPECIFICATION REQUIREMENTS.

MECHANICAL SIGNS AND LABELS: WHERE SPECIFIED, THESE SHALL BE ⅛" THICK PLASTIC LAMINATE WITH ENGRAVED LETTERING AND ADHESIVE BACKING. ADDITIONALLY THEY SHALL BE PUNCHED FOR MECHANICAL FASTENERS, UNLESS OTHERWISE SPECIFIED. COLOR SHALL BE BLACK WITH WHITE LETTERING.

INSTALLATION: INSTALLATION OF ALL MATERIAL ITEMS OR EQUIPMENT AS SHOWN ON DRAWINGS OR DESCRIBED IN SPECIFICATIONS SHALL CONFORM AS NEARLY AS POSSIBLE TO MANUFACTURER'S RECOMMENDED PROCEDURE, UNLESS DESIGNATED OTHERWISE. SHOULD SELECTION OF APPROVED ALTERNATE EQUIPMENT REQUIRE REVISIONS, THIS CONTRACTOR SHALL MAKE ALL CHANGES TO ACCOMMODATE SUCH EQUIPMENT. CONTRACTOR SHALL PREPARE DRAWINGS OF REVISIONS FOR APPROVAL BY PROJECT ENGINEER PRIOR TO BEGINNING WORK. CHANGES AND DRAWINGS SHALL BE MADE AT NO CHANGE IN CONTRACT AMOUNT.

REGULATIONS, CODES AND STANDARDS: THIS CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES AND PAY ALL FEES IN CONNECTION WITH SAME FOR WORK PERFORMED UNDER DIVISION 15.

IDENTIFICATION: ACCESS PANELS SHALL HAVE ENGRAVED PLASTIC MARKERS INDICATING WHAT ACCESS DOOR IS PROVIDED FOR. PIPING SHALL HAVE MARKERS NEAR EACH BRANCH VALVE AND PIECE OF EQUIPMENT AND WHERE PIPE PASSES THROUGH WALLS, FLOORS, AND CEILINGS. SPACE MARKERS AT A MAXIMUM 25' INTERVALS.

OPENINGS, CHASES AND RECESSES: THIS CONTRACTOR SHALL GIVE GENERAL CONTRACTOR, IN SUFFICIENT TIME, ALL DIMENSIONS NEEDED FOR THE PROPER CONSTRUCTION AND LOCATION OF FORMS, CHASES AND OTHER OPENINGS WHICH MAY BE REQUIRED FOR THE INSTALLATION OF ALL EQUIPMENT, PIPE, DUCTS AND MATERIALS UNDER THIS CONTRACT.

PROTECTION OF EQUIPMENT: PROTECT AGAINST INJURY FROM WEATHER ALL BUILDING MATERIALS, SUPPLIES, TOOLS, EQUIPMENT, AND FIXTURES INSTALLED OR TO BE INSTALLED, WITH SUITABLE AND SUBSTANTIAL COVERS. COST OF REPLACING OR REPAIRING EQUIPMENT AND FIXTURES MADE NECESSARY BY FAILURE TO PROVIDE SUITABLE PROTECTION SHALL BE PAID BY THIS CONTRACTOR. RESPONSIBILITY FOR THE CARE AND PROTECTION OF MECHANICAL EQUIPMENT AND WORK SHALL REMAIN WITH THIS CONTRACTOR UNTIL IT HAS BEEN TESTED AND ACCEPTED. PROTECT EQUIPMENT OUTLETS, PIPE, DUCT, AND CONDUIT OPENINGS WITH TEMPORARY PLUGS, CAPS, OR APPROVED DEVICES.

PROTECT DEVICES: ALL GEARS, BELTS, AND MOVING PARTS ARE TO BE AMPLY PROTECTED BY SUBSTANTIAL, NEAT, AND APPROVED PERMANENT GUARDS. CASINGS, OR RAILINGS AS THE CASE MAY REQUIRE AND IN SUCH MANNER AS TO FULLY COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

CLEANING: AFTER ALL FIXTURES, MATERIALS, AND APPARATUS HAVE BEEN SET AND READY FOR USE, AND BEFORE THIS CONTRACTOR LEAVES THE JOB, HE SHALL THOROUGHLY CLEAN ALL EQUIPMENT FURNISHED AND SET BY HIM REMOVING ALL STICKERS, RUST STAINS, GREASE, CEMENT, AND OTHER FOREIGN MATTER OR DISCOLORATION ON EQUIPMENT, LEAVING EVERY PART IN ACCEPTABLE CONDITION, READY FOR USE. CONTRACTOR SHALL REMOVE FROM THE SITE ALL DEBRIS RESULTING FROM HIS WORK, LEAVING BUILDING IN CLEAN CONDITION, SUITABLE FOR OCCUPANCY. VACUUM CLEAN INTERIOR OF ALL AIR HANDLING UNITS BEFORE COMPLETION AND PROVIDE NEW FILTERS JUST BEFORE TURNING OVER TO OWNER.

ACTIVE UTILITIES: WHEN ENCOUNTERED IN WORK, PROTECT, BRACE, AND SUPPORT EXISTING ACTIVE SEWERS, GAS, ELECTRIC, AND OTHER SERVICES WHERE REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE UTILITIES ARE ENCOUNTERED THAT ARE NOT INDICATED, AND WHICH REQUIRE RELOCATION, MAKE REQUEST IN WRITING FOR DETERMINATION. DO NOT PROCEED WITH WORK UNTIL WRITTEN DIRECTIONS ARE RECEIVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO REMAIN.

INACTIVE UTILITIES: WHEN ENCOUNTERED IN WORK, REMOVE, CAP, OR PLUG INACTIVE SERVICES. NOTIFY UTILITY COMPANIES OR MUNICIPAL AGENCIES HAVING JURISDICTION, PROTECT OR REMOVE THESE SERVICES AS DIRECTED.

INTERRUPTION OF UTILITIES: WHERE WORK MAKES TEMPORARY SHUTDOWN OF SERVICES UNAVOIDABLE, SHUT DOWN AT NIGHT, OR AT SUCH TIMES AS APPROVED BY OWNER, WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE. ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVERTIME IF REQUIRED, SO AS TO MAKE THE SHUTDOWN OF SERVICES THE LEAST AMOUNT OF TIME.

PACKAGE ROOFTOP UNITS: PROVIDE FACTORY-FABRICATED AND FACTORY-TESTED AIR HANDLING UNITS AS INDICATED, OF SIZES AND CAPACITIES AS SCHEDULED. CASING SHALL BE CONSTRUCTED OF 16-GA MINIMUM MILL GALVANIZED OR BONDERIZED STEEL DESIGNED TO WITHSTAND SPECIFIED OPERATING PRESSURES. PROVIDE CASING PANELS AND/OR ACCESS DOORS THAT ARE EASILY AND QUICKLY REMOVABLE FOR INSPECTION AND ACCESS TO INTERNAL PARTS. PROVIDE SINGLE ZONE UNITS CONSISTING OF FAN SECTION, INDIRECT FIRED LP GAS FIRED HEAT EXCHANGER, DX COIL SECTION, FILTER SECTION, ADJUSTABLE FAN MOTOR MOUNTING, AND DRAIN PAN. PROVIDE DRAIN PANS UNDER COOLING COIL SECTION. REMOVABLE DRAIN PAN ON EACH SIDE AT LOW POINTS. INSULATE UNIT CASING FROM AIR ENTRANCE TO COILS, TO AIR OUTLET FROM UNIT. INSULATION SHALL HAVE FIRE-RETARDING CHARACTERISTICS COMPLYING WITH NFPA 90A. PROVIDE HIGH EFFICIENCY MOTOR AND ONE SPARE SET OF BELTS AND FILTERS. UNITS SHALL COMPLY WITH ARI 430, NFPA 90A, UL, AND AMICA STANDARDS.

APPROVED MANUFACTURERS ARE CARRIER, TRANE, LENNOX, YORK.

EXHAUST FANS: PROVIDE STANDARD PREFABRICATED INLINE EXHAUST FANS OF TYPE AND SIZE INDICATED, MODIFIED AS NECESSARY TO COMPLY WITH REQUIREMENTS AND AS REQUIRED TO COMPLETE INSTALLATION. PROVIDE FACTORY-WIRED NON-FUSABLE TYPE DISCONNECT SWITCH AND THERMAL OVERLOAD PROTECTION.

APPROVED MANUFACTURERS ARE GREEN-HECK, LOREN COOK, PENN VENTILATOR, TWIN CITY FANS, AND ACME.

ROOF-MOUNTED CENTRIFUGAL ROOF EXHAUST FANS: FAN SHALL BE SPUN ALUMINUM, ROOF MOUNTED, DIRECT DRIVEN, DOWNBLAST CENTRIFUGAL EXHAUST VENTILATOR. FAN SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL 705). FAN SHALL BEAR THE AMCA CERTIFIED RATINGS SEAL FOR SOUND AND AIR PERFORMANCE. FAN SHALL BE OF BOLTED AND WELDED CONSTRUCTION UTILIZING CORROSION RESISTANT FASTENERS. THE SPUN ALUMINUM STRUCTURAL COMPONENTS SHALL BE CONSTRUCTED OF MINIMUM 16 GAUGE MARINE ALLOY ALUMINUM, BOLTED TO A RIGID ALUMINUM SUPPORT STRUCTURE. WHEEL SHALL BE CENTRIFUGAL BACKWARD INCLINED, CONSTRUCTED OF 1001 ALUMINUM, INCLUDING A PRECISION MACHINED CAST ALUMINUM HUB. MOTOR SHALL BE NEMA DESIGN B WITH A MINIMUM OF CLASS B INSULATION RATED FOR CONTINUOUS DUTY AND FURNISHED AT THE SPECIFIED VOLTAGE, PHASE, AND ENCLOSURE. APPROVED MANUFACTURERS ARE GREEN-HECK, LOREN COOK, PENN VENTILATOR, AND ACME. ROOF CURB SHALL BE MINIMUM 14" HIGH ONE PIECE CURB TO MATCH ROOF PITCH WITH 1" INSULATION.

AIR DISTRIBUTION: PROVIDE AND INSTALL ALL RIGID DUCTWORK AS SHOWN ON THE DRAWINGS AND AS HEREIN SPECIFIED. CONSTRUCT DUCTWORK AND APPARATUS CASINGS OF GALVANIZED STEEL CONFORMING TO SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS 2007. CONSTRUCT DIVIDED FLOW FITTINGS WITH SADDLE TAP WELDED TO DUCT FITTING BODY. ALL CONNECTIONS SHALL BE BELL-MOUTHED AND SMOOTH WITH LONG RADIUS BENDS.

INSULATED FLEXIBLE DUCT SHALL BE INSULATED, SOUND ATTENUATING, LOW VELOCITY TYPE, AND SHALL COMPLY WITH NFPA 90A AND 90B, AND BE UL 181 CLASS LABELED. DUCT SHALL BE FACTORY FORMED COMPOSED OF A SPIRAL WOUND, CORROSION RESISTANT WIRE BONDED TO AN INNER FABRIC LINER, INSULATED WITH FIBERGLASS WITH A C FACTOR OF 0.23 OR LESS, AND WITH AN OUTER VAPOR BARRIER OF FIBERGLASS REINFORCED METALIZED FILM. OUTER VAPOR BARRIER CONSTRUCTED OF POLYETHYLENE IS NOT ACCEPTABLE. THE DUCT SHALL BE RATED FOR 6" OF POSITIVE PRESSURE AND SHALL NOT EXCEED 6' IN LENGTH.

PROVIDE MANUAL, SINGLE OR MULTI-BLADE BALANCING DAMPERS AS INDICATED CONSTRUCTED IN ACCORDANCE WITH SMACNA STANDARDS. DAMPERS SHALL HAVE A PROTECTIVE COAT OF RED ZINC CHROMATE PRIMER OVER A BOND COAT.

PROVIDE MANUFACTURED TURNING VANES IN ALL ELBOWS CONSTRUCTED OF ½" WIDE CURVED BLADES SET AT ¾" O.C., SUPPORTED WITH BARS PERPENDICULAR TO BLADES SET AT 2" O.C. AND SET INTO SIDE STRIPS SUITABLE FOR MOUNTING IN DUCTWORK.

PROVIDE FLEXIBLE DUCT CONNECTIONS WHEREVER DUCTWORK CONNECTS TO VIBRATION ISOLATED EQUIPMENT AND WHERE SHOWN OR NOTED. CONSTRUCT FLEXIBLE CONNECTIONS OF NEOPRENE-COATED FLAMEPROOF FABRIC CRIMPED INTO DUCT FLANGES FOR ATTACHMENT TO DUCT AND EQUIPMENT. PROVIDE ADEQUATE JOINT FLEXIBILITY TO ALLOW FOR THERMAL, AXIAL, TRANSVERSE, AND TORSIONAL MOVEMENT, AND ALSO CAPABLE OF ABSORBING VIBRATIONS OF CONNECTED EQUIPMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MISCELLANEOUS ITEMS NECESSARY TO PROVIDE A COMPLETE AND PROPER INSTALLATION IN THE TYPES OF WALLS AND CEILINGS USED IN THE PROJECT AS SHOWN IN THE GENERAL CONSTRUCTION PLANS.

PROVIDE MANUFACTURER'S STANDARD CEILING AIR DIFFUSERS AND GRILLES WHERE SHOWN, OF SIZE, SHAPE, CAPACITY, AND TYPE INDICATED, CONSTRUCTED OF MATERIALS AND COMPONENTS AS INDICATED, AND AS REQUIRED FOR COMPLETE INSTALLATION. PROVIDE DIFFUSERS AND GRILLES WITH BORDER STYLES THAT ARE COMPATIBLE WITH ADJACENT CEILING SYSTEMS, AND THAT ARE SPECIFICALLY MANUFACTURED TO FIT INTO THE CEILING MODULE WITH ACCURATE FIT AND ADEQUATE SUPPORT.

DRYER EXHAUST DUCTS FOR CLOTHES DRYERS

DRYER EXHAUST DUCTS FOR CLOTHES DRYERS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER. SCREENS SHALL NOT BE INSTALLED AT THE DUCT TERMINATION. DUCTS SHALL NOT BE CONNECTED OR INSTALLED WITH SHEET METAL SCREWS OR OTHER FASTENERS THAT WILL OBSTRUCT THE EXHAUST FLOW. CLOTHES DRYER EXHAUST DUCTS SHALL NOT BE CONNECTED TO A VENT CONNECTOR, VENT OR CHIMNEY. CLOTHES DRYER EXHAUST DUCTS SHALL NOT EXTEND INTO OR THROUGH DUCTS OR PLENUMS. CLOTHES DRYER EXHAUST DUCTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 603.9 OF IMC.

EXHAUST TERMINATION OUTLET AND PASSAGEWAY SIZE OF DRYER EXHAUST DUCT TERMINALS SHALL BE UNDIMINISHED IN SIZE AND SHALL PROVIDE AN OPEN AREA OF NOT LESS THAT 12.5 SQUARE INCHES.

WHERE A CLOTHES DRYER EXHAUST DUCT PENETRATES A WALL OR CEILING MEMBRANE THE ANNULAR SPACE SHALL BE SEALED WITH NONCOMBUSTIBLE MATERIAL APPROVED FIRE CAULKING OR A NONCOMBUSTIBLE DRYER EXHAUST DUCT WALL RECEPTACLE. DUCTS THAT EXHAUST CLOTHES DRYERS SHALL NOT PENETRATE OR BE LOCATED WITHIN ANY FIREBLOCKING, DRAFTSTOPPING OR ANY WALL, FLOOR/CEILING OR OTHER ASSEMBLY REQUIRED BY THE INTERNATIONAL BUILDING CODE TO BE FIRE-RESISTANCE RATED, UNLESS SUCH DUCT IS CONSTRUCTED OF GALVANIZED STEEL OR ALUMINUM OF THE THICKNESS SPECIFIED IN SECTION 603.4 OF THE IMC AND THE FIRE-RESISTANCE RATING IS MAINTAINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. FIRE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS AND ANY SIMILAR DEVICES THAT WILL OBSTRUCT THE EXHAUST FLOW SHALL BE PROHIBITED IN CLOTHES DRYER EXHAUST DUCTS.

EACH VERTICAL RISER SHALL BE PROVIDED WITH A MEANS OF CLEANOUT.

DUCT INSULATION AND ACOUSTICAL LINING:

FURNISH AND INSTALL INSULATION AND/OR LINING WHERE SHOWN ON PLANS OR SPECIFIED BELOW. ALL DUCT SIZES NOTED ON DRAWINGS ARE AIRWAY SIZES WITH-OUT SOUND LINING INCLUDED). ADJUST SHEET METAL SIZES ACCORDINGLY. INSULATION PRODUCTS SHALL BE MANUFACTURED BY ONE OF THE FOLLOWING MANUFACTURERS:

1. MANVILLE CORP.
2. OWENS-CORNING FIBERGLASS CORP.
3. CERTAIN-TEED CORP.
4. KNAUF

A. DUCT SOUND LINING:

1. RECTANGULAR SUPPLY, EXHAUST/RETURN AND RELIEF AIR DUCTS: 1" FLEXIBLE GLASS FIBER TYPE, 1.5 PCF DENSITY. SURFACES EXPOSED TO AIR STREAM SHALL BE COATED TO PREVENT EROSION OF GLASS FIBERS.
2. DUCT LINER SHALL HAVE A MAXIMUM FLAME-SPREAD INDEX OF 25 AND SMOKE-DEVELOPED INDEX OF 50 WHEN TESTED ACCORDING TO ASTM E 84, MEET THE REQUIREMENTS OF NFPA 90A, AND SHALL BE LABELED BY UL.
3. ALL DUCTWORK DIMENSIONS SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS.

B. DUCT INSULATION:

1. ALL CONCEALED SUPPLY DUCTWORK NOT SOUND LINED AND RUN-OUTS TO AIR DIFFUSERS: 1-1/2" FLEXIBLE GLASS FIBER WITH ALL SERVICE VAPOR BARRIER JACKET, MINIMUM 0.75 PCF DENSITY.
2. ALL INTERIOR EXHAUST AIR DUCTWORK BETWEEN BACKDRAFT DAMPER AND DISCHARGE OF BUILDING: 1-1/2" FLEXIBLE GLASS FIBER WITH ALL SERVICE VAPOR BARRIER JACKET, MINIMUM 0.75 PCF DENSITY.
3. ALL RETURN DUCTWORK NOT LINED: 1-1/2" FLEXIBLE GLASS FIBER DUCT WRAP WITH ALL SERVICE VAPOR BARRIER JACKET, MINIMUM 0.75 PCF DENSITY.
4. SUPPLY AIR, RETURN AIR, MIXED AIR, EXHAUST AIR AND OUTSIDE AIR PLENUMS: 2" SEMI-RIGID GLASS FIBER, 3 LBS. PER CUFT. DENSITY WITH ALL SERVICE VAPOR BARRIER JACKET.
5. INSULATED FLEXIBLE DUCT: UL 181, CLASS 1, 2-PLY VINYL FILM, BLACK POLYMER FILM, MULTIPLE LAYERS OF ALUMINUM LAMINATE, OR ALUMINUM LAMINATE AND POLYESTER FILM WITH LATEX ADHESIVE, SUPPORTED BY HELICALLY WOUND, SPRING-STEEL WIRE; FIBROUS-GLASS INSULATION; POLYETHYLENE OR ALUMINIZED VAPOR BARRIER FILM. ALL SUPPLY AND RETURN AIR DUCTWORK CONNECTIONS TO EACH AIR SUPPLY OUTLET AND RETURN INLET: 5' LENGTH MAXIMUM LENGTH, AND NOT PENETRATE WALLS, FLOORS, OR CEILINGS.

TEST AND BALANCE

TEST AND ADJUST ALL MECHANICAL SYSTEMS AND EQUIPMENT TO ASSURE PROPER BALANCE AND OPERATION. PERFORM TESTS IN ACCORDANCE WITH NEBB OR AABC, AND ASHRAE STANDARDS. SUBMIT COMPLETED TEST AND BALANCE REPORT TO OWNER'S REPRESENTATIVE. BALANCE CONTRACTOR SHALL BE AN INDEPENDENT CERTIFIED TEST AND BALANCE CONTRACTOR, WITH NEBB OR AABC CERTIFICATION. BALANCE ALL SYSTEMS TO WITHIN 5% OF AIRFLOWS INDICATED ON DRAWINGS, AND REPORT ALL DISCREPANCIES TO HVAC INSTALLER FOR CORRECTION. MARK FINAL BALANCE POSITIONS ON DAMPERS WITH PERMANENT MARKER.

ENERGY CODE

ALL MECHANICAL SYSTEMS TO MEET THE REQUIREMENTS OF THE 2021 IECC.

DEMAND CONTROL VENTILATION PROVIDED FOR SPACES GREATER THAN 500 S.F. AND GREATER THAN 15 PEOPLE PER 1,000 S.F. OCCUPANT DENSITY AND SERVED BY SYSTEMS WITH AIR SIDE ECONOMIZER, AUTO MODULATING OUTSIDE AIR DAMPER CONTROL, OR DESIGN AIRFLOW GREATER THAN 3,000 CFM.

SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND WHERE LOCATED OUTSIDE THE BUILDING WITH A MINIMUM OF R-12 INSULATION.

LONGITUDINAL AND TRANSVERSE JOINTS, SEAMS AND CONNECTIONS OF SUPPLY AND RETURN DUCTS OPERATING AT A STATIC PRESSURE LESS THAN OR EQUAL TO 2 INCHES WATER GUAGE SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS, MASTIC-PLUS-EMBEDDED-FABRIC SYSTEMS OR TAPES INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.

PROVIDE BALANCING DAMPERS AT EACH BRANCH DUCT.

PROVIDE OEM INSTRUCTIONS FOR SYSTEMS AND EQUIPMENT TO THE BUILDING OWNER OR DESIGNATED REPRESENTATIVE. MANUALS TO BE PROVIDED WITHIN 90 DAYS OF SYSTEM ACCEPTANCE.

HVAC SYSTEMS AND EQUIPMENT CAPACITY DOES NOT EXCEED CALCULATED LOADS.

HEATING AND COOLING TO EACH ZONE IS CONTROLLED BY A THERMOSTAT CONTROL. MINIMUM ONE HUMIDITY CONTROL DEVICE PER INSTALL HUMIDIFICATION/DEHUMIDIFICATION SYSTEM. THERMOSTATIC CONTROLS TO HAVE A 5F DEADBAND. WHERE A ZONE HAS A SEPARATE HEATING AND A SEPARATE COOLING THERMOSTATIC CONTROL LOCATED WITHIN THE ZONE, A LIMIT SWITCH, MECHANICAL STOP OR DIRECT DIGITAL CONTROL SYSTEM WITH SOFTWARE PROGRAMMING SHALL BE PROVIDED WITH THE CAPABILITY TO PREVENT THE HEATING SET POINT FROM EXCEEDING THE COOLING SET POINT AND TO MAINTAIN A DEADBAND. EACH ZONE SHALL BE PROVIDED WITH THERMOSTATIC SETBACK CONTROLS THAT ARE CONTROLLED BY EITHER AN AUTOMATIC TIME CLOCK OR PROGRAMMABLE CONTROL SYSTEM. AUTOMATIC START CONTROLS SHALL BE PROVIDED FOR EACH HVAC SYSTEM. THE CONTROLS SHALL BE CAPABLE OF AUTOMATICALLY ADJUSTING THE DAILY START TIME OF THE HVAC SYSTEM IN ORDER TO BRING EACH SPACE TO THE DESIRED OCCUPIED TEMPERATURE IMMEDIATELY PRIOR TO SCHEDULED OCCUPANCY.

SYSTEM COMMISSIONING: PRIOR TO FINAL INSPECTION, CONTRACTOR MUST PROVIDE A SYSTEM COMMISSIONING REPORT.

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

CLIENT

PROJECT

WOODHOUSE SPAS - WILMINGTON, NC
1121 MILITARY CUTOFF RD
WILMINGTON, NC 28105

90% REVIEW SET
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DATE OF SIGNATURE: MM-DD-YYYY

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CLIENT REVIEW

No.	Issue	Date
	90% PROGRESS DRAWING	02-04-2025

Project Number: 25-005
Drawn By: RM / RT
Approved By: JC

SHEET TITLE & NUMBER

MECHANICAL SPECIFICATIONS

M-3

ILLINOIS PROFESSIONAL DESIGN REGISTRATION: 184.006688 EXPIRES: 4/30/2023

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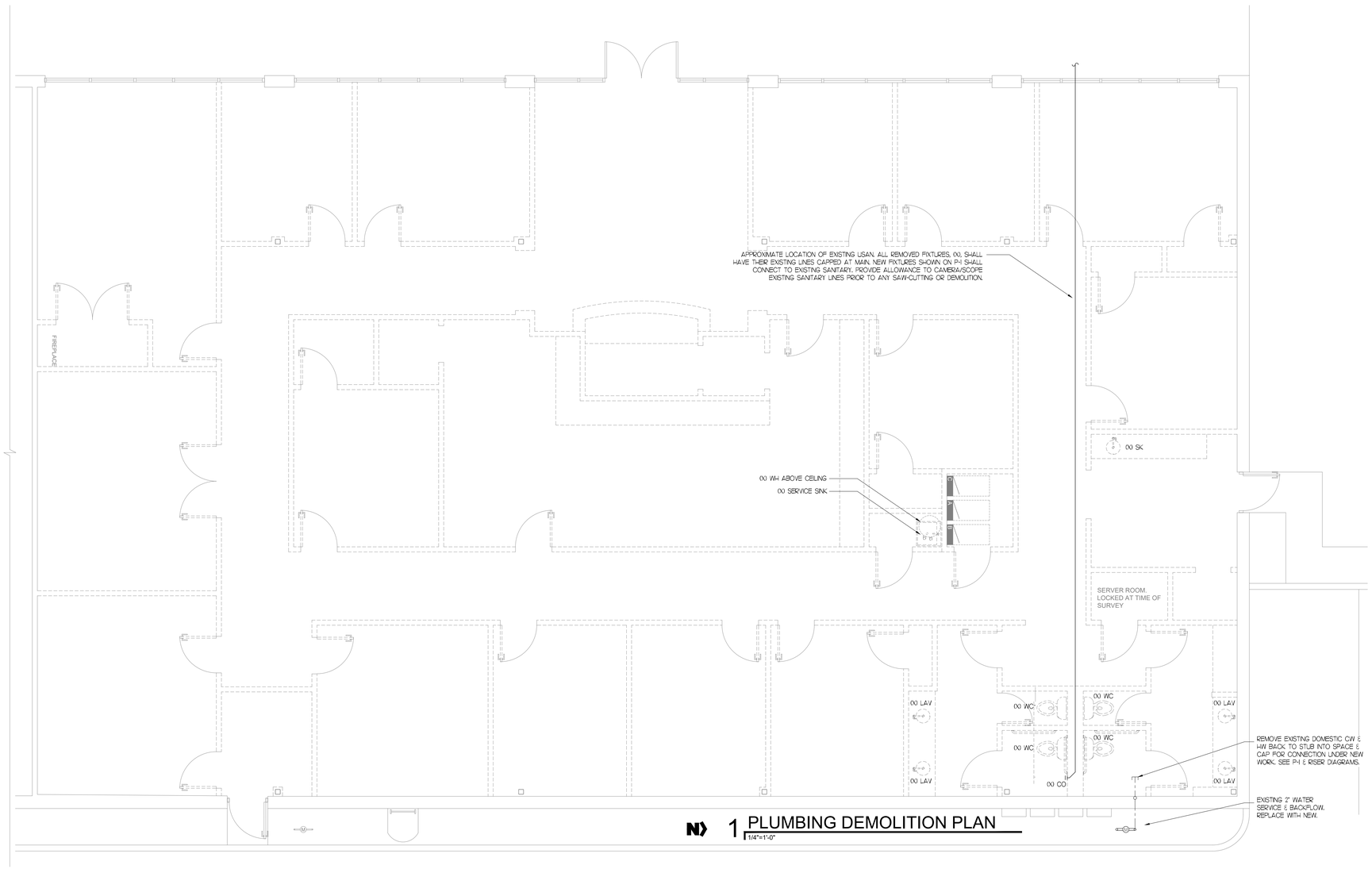

1 PLUMBING DEMOLITION PLAN
1/4"=1'-0"

MUNICIPAL APPROVAL STAMP

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CLIENT REVIEW

No.	Issue	Date
	90% PROGRESS DRAWING	03-04-2025

Project Number: 25-005
Drawn By: RM / RT
Approved By: --

SHEET TITLE & NUMBER

PLUMBING
DEMOLITION PLAN

P-0

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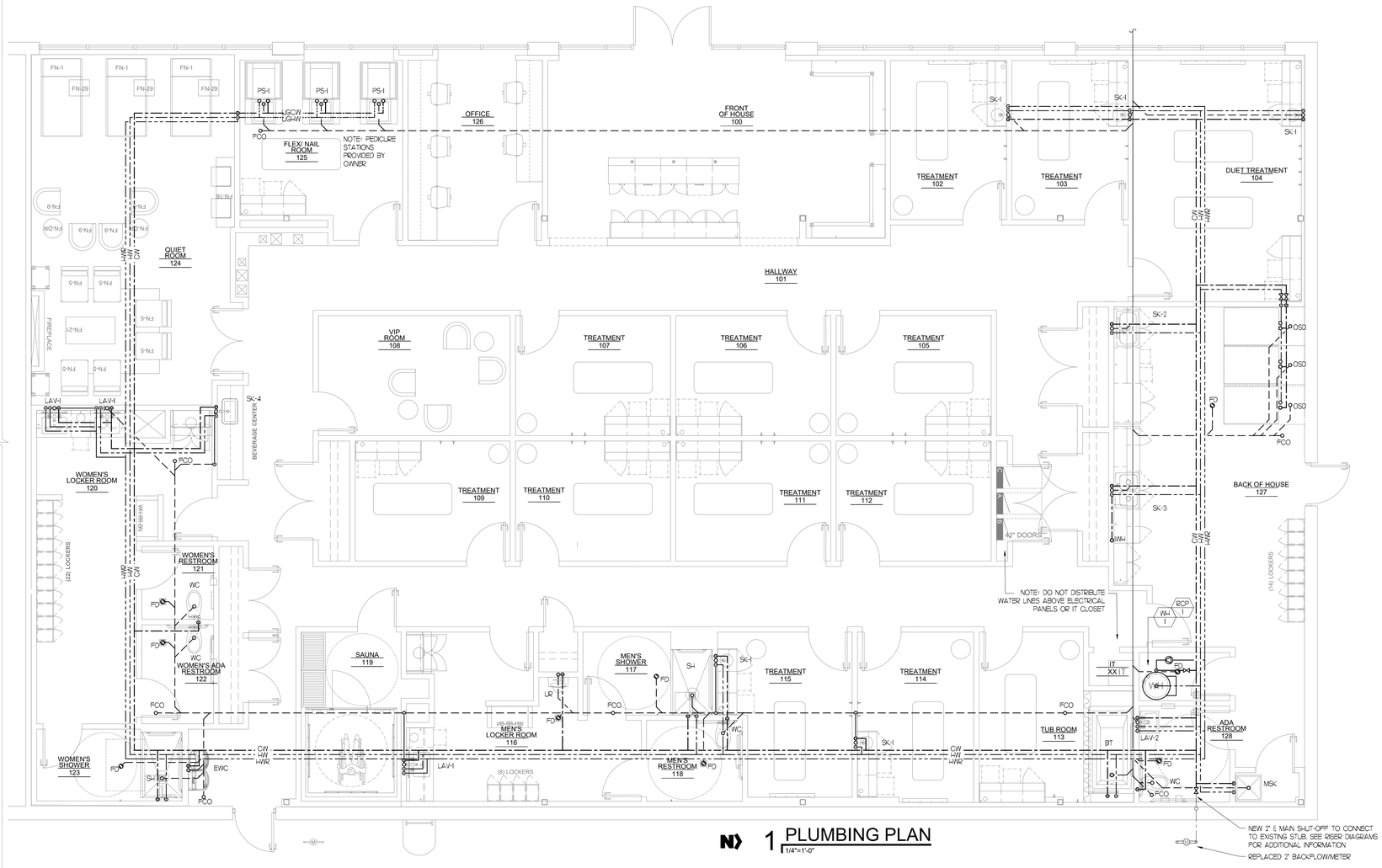

1 PLUMBING PLAN
1/4"=1'-0"

PLUMBING GENERAL NOTES

1. CODES

THE WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, MUNICIPAL, AND NATIONAL CODES. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS THE CONSTRUCTION DOCUMENTS SHALL GOVERN. HOWEVER, THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE AND CODE OR REGULATION.

2. DRAWINGS AND SPECIFICATIONS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR READING AND COMPLYING WITH BOTH THE DRAWINGS AND SPECIFICATIONS. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN THE DRAWINGS, NOTES, SPECIFICATIONS, OR CODES, THE REFERENCE WHICH PROVIDES THE MORE COMPLETE OR HIGHER STANDARD SHALL PREVAIL.

3. INTERPRETATION OF THE DOCUMENTS

CAREFULLY COMPARE THE DRAWINGS AND SPECIFICATIONS, CHECKING MEASUREMENTS AND CONDITIONS UNDER WHICH THIS INSTALLATION IS TO BE MADE. FOR CLARIFICATION BETWEEN VARIOUS DRAWINGS, BETWEEN DRAWINGS OR SPECIFICATION, OR BETWEEN SECTIONS OF THE SPECIFICATION, THE MATTER SHALL BE REFERRED TO THE ENGINEER BEFORE ANY WORK IS EXECUTED. THE CONTRACTOR SHALL STATE IN THEIR PROPOSAL ANY EXCEPTIONS NECESSARY TO MAKE THIS A COMPLETE, READY TO USE INSTALLATION. IF NOT STATED IN THE PROPOSAL, IT WILL NOT BE CONSIDERED EXTRA.

4. SITE EXAMINATION

BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE, EXAMINE THE PREMISES, AND MAKE A THOROUGH SURVEY OF THE EXISTING CONDITIONS. THE SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION MADE. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT THE SITE OR FOR LATER CLAIMS FOR LABOR, EQUIPMENT, MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN SITE EXAMINATION BEEN MADE.

5. COORDINATION WITH OTHER TRADES

THE MECHANICAL CONTRACTOR SHALL OBTAIN A COMPLETE SET OF ARCHITECTURAL AND ENGINEERING DOCUMENTS AND COORDINATE WITH ELECTRICAL, PLUMBING, ARCHITECTURAL, AND OTHER TRADES FOR EXACT DIMENSIONS, CLEARANCES, EQUIPMENT LOCATIONS, AND OTHER ADDITIONAL SCOPES OF WORK THAT MAY NOT BE SHOWN ON THE MECHANICAL PLANS.

6. PERMITS, APPLICATIONS AND RELEASES

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS INSPECTIONS, APPLICATIONS, RELEASES AND FEES REQUIRED BY LOCAL, STATE AND FEDERAL AGENCIES FOR THE EXECUTION OF THIS WORK. SCHEDULING OF ALL REQUIRED INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

7. FIRE STOPPING

ALL PENETRATIONS IN WALL, FLOOR OR CEILINGS SHALL BE SUITABLY CLOSED UP AND SEALED WITH AN INTUMESCENT FIRE STOPPING COMPOUND LISTED IN THE MOST RECENT FACTORY MUTUAL RESEARCH CORPORATION FM4903 APPROVAL GUIDE. FIRE STOPPING PRODUCTS SHALL BE MANUFACTURED BY 3M CO.

8. OWNER FURNISHED EQUIPMENT

EQUIPMENT THAT WILL BE FURNISHED BY THE OWNER WILL BE INDICATED ON A SEPARATE SCHEDULE. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR DELIVERY SCHEDULES. THE CONTRACTOR IS TO ASSUME THAT ON SITE STORAGE MAY NOT BE AVAILABLE WHEN COORDINATING DELIVERY OF EQUIPMENT. THE CONTRACTOR, IN COORDINATION WITH THE OWNER'S REPRESENTATIVE, WILL INSPECT THE DELIVERY FOR ACCURACY AND SHIPMENT DAMAGE AND ACCEPTING THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO STORE, PROTECT AND ULTIMATELY INSTALL THE EQUIPMENT.

9. EQUIPMENT

ALL MATERIALS AND EQUIPMENT USED IN THIS INSTALLATION SHALL BE NEW, AND HAVE THE APPROPRIATE UL LISTING AND LABEL.

10. MISCELLANEOUS SUPPORTING MEMBERS

ALL ANGLES CHANNELS, AND OTHER MISCELLANEOUS STEEL, BOLTS, RODS, ETC., REQUIRED TO SUPPORT LIGHT FIXTURE, CONDUIT, RACEWAY, LADDER TRAY, OR OTHER ELECTRICAL EQUIPMENT OR DEVICES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

11. SAFETY

THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE SAFETY OF THE OWNERS EMPLOYEES, BUILDING EMPLOYEES AND GUESTS, AS WELL AS THEIR OWN FORCES, BY ADEQUATELY PROTECTING ANY EXPOSED LIVE CONDUCTORS, OR DEVICES THROUGHOUT THE COURSE OF THIS WORK.

12. WATER SERVICE PROTECTION

ALL INCOMING WATER SERVICES SHALL BE EQUIPPED WITH AN APPROVED REDUCED PRESSURE BACKFLOW PREVENTER INSTALLED IN-LINE OF EQUAL PIPE DIAMETER OF THE WATER SERVICE AND SHALL BE LOCATED NO MORE THAN FIVE FEET ABOVE THE FLOOR. REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLIES SHALL BE TESTED AND APPROVED BY A CROSS CONNECTION CONTROL DEVICE INSPECTOR BEFORE INITIAL OPERATION, AND AT LEAST ANNUALLY THEREAFTER.

13. CONNECTIONS TO EQUIPMENT

ALL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, SODA MACHINES, COFFEE MACHINES, ICE MAKERS, DISHWASHERS, TO BE PROTECTED FROM BACKFLOW PER STATE OF MINNESOTA CODE.

14. FIXTURES

ALL NEW AND REPLACED PLUMBING FIXTURES SHALL BE LABELED WATERSENSE PRODUCT AS SPECIFIED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.

15. DISTRIBUTION PIPE

ANY WATER DISTRIBUTION PIPE HAVING BEEN TERMINATED OR IS AN UNUSED SEGMENT SHALL HAVE NO 'DEAD ENDS'. NO SEGMENT OF PIPE WITH A DEVELOPED LENGTH OF MORE THAN TWO FEET SHALL BE PERMITTED.

16. EXISTING PLUMBING

ALL EXISTING PLUMBING THAT MAY POSE A HEALTH OR SAFETY HAZARD MUST BE REVISED TO MEET MINNESOTA PLUMBING CODE. ALL UNUSED WATER PIPING TO BE CAPPED WITHIN 2" OF MAIN.

PLUMBING CONTRACTOR TO SCOPE ALL EXISTING SANITARY SYSTEMS TO VERIFY LOCATION, SLOPE, AND CONDITION OF EXISTING SANITARY. ANY DEFICIENCIES SHOULD BE REPORTED TO THE OWNER PRIOR TO CONNECTING TO EXISTING SYSTEMS.

WHEN MULTIPLE SYSTEMS ARE INSTALLED, CONTRACTOR TO VERIFY CONNECTION TO CORRECT SYSTEM, IE. GREASE OR OIL WASTE SYSTEMS.

17. BALL VALVES

ALL BALL VALVES 1 1/2" AND BELOW FOR DOMESTIC WATER SHALL BE OF LEAD FREE TYPE 1417 (a) | SWDA.

18. DEAD ENDS

NO DEAD ENDS IN SUPPLY OR SANITARY.

19. CLOSE OUT REQUIREMENT

CONTRACTOR'S PLUMBER OR RESPONSIBLE CONTRACTOR SHALL FLUSH PLUMBING LINES PRIOR TO TURNOVER TO CLIENT.

PLUMBING SYMBOLS SCHEDULE

SYMBOL	DESCRIPTION
	BALANCING VALVE
	BALL VALVE
	CHECK VALVE
	GAS VALVE
	GATE VALVE
	TEMPERATURE & PRESSURE RELIEF VALVE
	SOLENOID VALVE OR ELECTRIC ACTUATED
	THERMOSTATIC MIXING VALVE
	BACKFLOW PREVENTER (DOMESTIC)
	REDUCER / INCREASER
	UNION
	PIPE RISER
	PIPE DROP
	END CAP
	HOSEBIBB
	FLOOR OR YARD CLEANOUT (CO , YCO)
	FLOOR DRAIN, NUMBER AND SIZE
	STORM SEWER PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RETURN PIPING
	VENT PIPING
	STORM SEWER PIPING

PLUMBING ABBREVIATIONS

AG	ABOVEGROUND SANITARY
AV	ACID VENT
AW	ACID WASTE
CU	COPPER
DCW	DOMESTIC COLD WATER
DDCV	DOUBLE-DETECTOR CHECK VALVE
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
E	EXIST TO REMAIN
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FPHB	FROST-PROOF HOSE BIBB
GAL	GALLON
HB	HOSE BIBB
IW	INDIRECT WASTE
KW	KITCHEN WASTE
LAV	LAVATORY
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
OB	OUTLET BOX
OFD	OVERFLOW DRAIN
OSD	OPEN SITE DRAIN
R	RELOCATE
RD	ROOF DRAIN
RPZ	REDUCED-PRESSURE BACKFLOW PREVENTER
SAN	SANITARY
SH	SHOWER
SK	SINK
STM	STORM
TMV	THERMOSTATIC MIXING VALVE
UR	URINAL
USAN	UNDERGROUND SANITARY
USTM	UNDERGROUND STORM
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
X	REMOVE

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Project Number: 25-005			
Drawn By: RM / RT	Approved By: -	Date	03-04-2025
No.	Issue		
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PLUMBING
PLAN & NOTES

P-1

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PLOTTED BY: RYAN MCCARTHY

PLOT DATE: 3/4/2025 3:57 PM

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	MATERIAL	MANUFACTURER	MODEL	MOUNTING	FAUCET/FLUSH VALVE		NOTES
						MANUFACTURER	MODEL	
WC	WATER CLOSET ADA	WHITE VITREOUS CHINA	ZURN	Z5560	FLOOR	-	-	FLOOR-MOUNTED TWO-PIECE ELONGATED BOWL PRESSURE-ASSISTED TOILET. ADA. 1.6 GPF. 12" ROUGH-IN. PROVIDE ANTIMICROBIAL OPEN FRONT SEAT WITHOUT COVER. COORDINATE TRIP LEVER WITH WIDE SIDE OF FIXTURE. BEMIS 1955SSC WHITE FINISH.
LAV-1	LAVATORY SINK	WHITE VITREOUS CHINA	KOHLER	VOX K-5373-0	VESSEL OR DROP-IN	BWE	6004-4	BUILT-IN VANITY, RECTANGULAR LAVATORY SINK, 22-5/8"X16-1/8"X6-7/8" DEEP, SINGLE-HOLE LEVER FAUCET. ADA COMPLIANT.
LAV-2	LAVATORY SINK	WHITE VITREOUS CHINA	AMERICAN STANDARD	0954.004	WALL MOUNTED	AMERICAN STANDARD	7021.305	WALL HUNG LAVATORY, VITREOUS CHINA, REAR OVERFLOW, RECESSED SELF-DRAINING DECK WITH OPTIONAL KNEE SHROUD BATTERY- POWERED ELECTRONIC FAUCET, ABOVE DECK MIXING VALVE, CHROME FINISH. 0.5 GPM. GRID DRAIN.
TMV	THERMOSTATIC MIXING VALVE	-	CASH ACME	HEATGUARD HG35	-	-	-	COMPACT THERMOSTATIC MIXING VALVE FOR INDIVIDUAL FAUCETS. ACCURATE TEMPERATURE CONTROL WITH FLOWS AS LOW AS 0.25 GPM. INLET STRAINER
EWC	ELECTRIC WATER COOLER	STAINLESS STEEL	ELKAY	LZSTL8WSLP	WALL MOUNTED	-	-	TWO STATION, SELF-CONTAINED, WALL HUNG ELECTRIC REFRIGERATED WATER COOLER WITH BOTTLE FILLER. 8GPH. ADA COMPLIANT. 4.0 A. 120V.
SK-1	HAND SINK	STAINLESS STEEL	KOHLER	UNDERTONE - K-3339-NA	UNDERMOUNT	BRIENZA - MONCALIERI	BRN-MQRVFD	SINGLE BOWL, 13-3/4" ROUND, 5-1/2" DEEP UNDERMOUNT SINK. 18-GAUGE STAINLESS STEEL. SINGLE-HANDLE LEVER FAUCET, 1 FAUCET HOLE. OIL RUBBED BRONZE FINISH.
SK-2	UTILITY SINK	FRP	MUSTEE	DURASTONE MODEL 11	DROP-IN	DELTA	B33310LF	SINGLE BOWL FIBERGLASS DROP IN SINK. 20"X17"X10" DEEP, SINGLE HANDLE FAUCET, SIDE SPRAYER. POLISHED CHROME. ADA
SK-3	PREP AREA SINK	STAINLESS STEEL	ELKAY	DAYTON D23319	DROP-IN	OAKBROOK - PACIFICA	67157401	DOUBLE-BOWL TYPE 300 STAINLESS STEEL #22 GAUGE SELF RIMMING, TWO 14"X14"X6 5/8"D BASINS. DUAL HANDLE GOOSE NECK FAUCET, SIDE SPRAYER. POLISHED CHROME. ADA
SK-4								
MSK	MOP SINK	FRP	MUSTEE	63M	FLOOR MOUNTED	FIAT	63.600A	24"X24"X10" DEEP MOP SINK WITH 3" STAINLESS STL DRAIN BODY. CHROME-PLATED SERVICE FAUCET W/ VACUUM BREAKER, STOPS.
SH	ADA SHOWER	-	SCHLUTER	KERDI WATERPROOFING SHOWER & WALL SYSTEM	-	KOHLER	K-2378 K-T594429-4 K-T14491-4BL K-2372 K-76465	CURBLESS, ROLL-IN SHOWER. HANDSHOWER KIT, MIXING CONTROL, TRANSFER VALVE TRIM, WALL MOUNT SUPPLE ELBOW, 10" RAIN-HEAD W/ 6" STEM. ALL FINISHES MATTE BLACK.
BT	BATH TUB/SHOWER	-	SWISS MADISON	SM-DB567	-	KOHLER	K-77990-4 K-77985 K-2535-G K-77989 K-2631	COMBINATION BATH-TUB / SHOWER. DECK-MOUNT BATH FAUCET HANDLES WITH VALVE, DECK-MOUNT BATH SPOUT WITH TUBE DESIGN, ROUND 2-FUNCTION HANDSHOWER, HANDSHOWER HOLDER, 2-WAY DIVERTER VALVE & HOSE ADAPTER. FINISHES SHALL BE BLACK.
WH	INSTANT HOT WATER HEATER	-	INSINKERATOR	HWT300	WALL MOUNTED BENEATH MILLWORK	INSINKERATOR	F-GN100C OR EQUAL	INSTANT-HOT WATER HEATER LOCATED BENEATH MILLWORK. PROVIDE MANUFACTURER ACCESSORY FILTER & SINGLE-HANDLE ARC-FAUCET.
FD	FLOOR DRAIN	HDPE	JOSAM WADE ZURN	J-30000A W-1100STD Z-415	FLOOR MOUNTED	-	—	CAST IRON BODY, BOTTOM OUTLET, ADJUSTABLE COLLAR, POLISHED NICKEL BRONZE, LIGHT DUTY STRAINER.

NOTE: ALL PLUMBING FIXTURES IN THIS LIST SHALL BE NEW.

ELECTRIC WATER HEATER SCHEDULE (WH-)

TAG	LOCATION	CAPACITY (GAL)	KW	RECOVERY (GPH)	DIAM. (IN.)	HEIGHT (IN.)	VOLT.	FLA	MFR.	MODEL	NOTES
WH-1	BACK OF HOUSE	80	15.0	102	25 1/2	60 1/4	208/3	41.6	A.O. SMITH	DRE-80-15	1

NOTES:

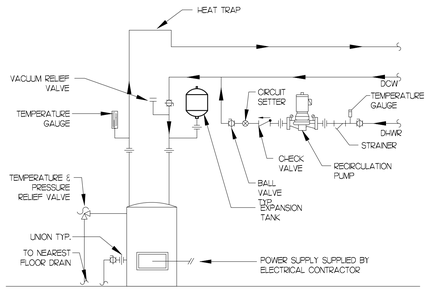
1. DISCONNECT SWITCHES AND POWER SOURCE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. RECOVERY BASED ON 60F TEMP. RISE.

NEW DOMESTIC PUMP SCHEDULE

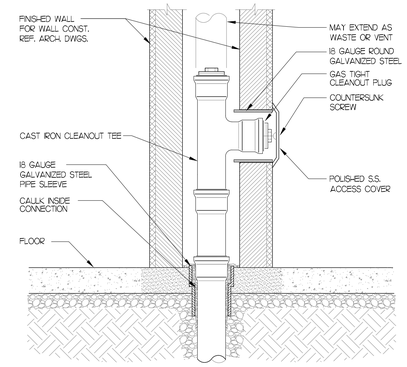
TAG	LOCATION	FLOW (GPM)	TDH (FT)	SUCTION (IN.)	DISCHARGE (IN.)	HP	RPM	VOLTAGE	FLA	MOCP	MANUFACTURER	MODEL NUMBER	NOTES
RCP-1	WATER HEATER	5	10	3/4	3/4	125W	2950	115/1/60	1.1 A	15 A	BELL & GOSSETT	NBF-25	1

NOTES:

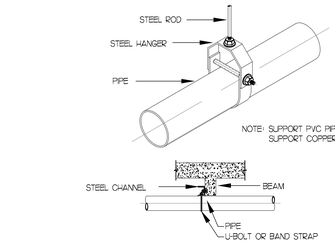
1. 3-SPEED IN-LINE CIRCULATING PUMP, LEAD-FREE BRASS, BUILT-IN ADJUSTABLE THERMOSTAT FROM 68F TO 158F. ECM MOTOR NON-OVERLOADING.



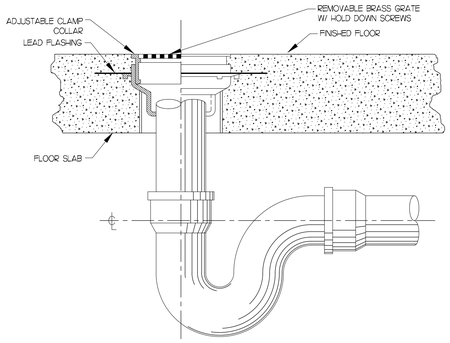
1 P-2 ELECTRIC WATER HEATER DETAIL
NO SCALE



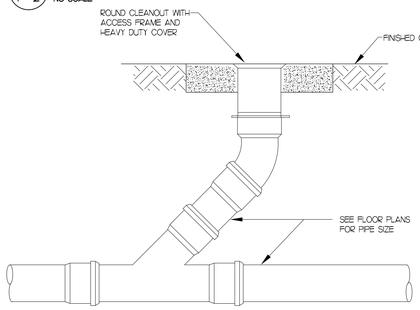
2 P-2 WALL CLEANOUT DETAIL
NO SCALE



3 P-2 PIPE HANGER DETAIL
NO SCALE



4 P-2 FLOOR DRAIN DETAIL
NO SCALE



5 P-2 FLOOR CLEANOUT DETAIL
NO SCALE

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PLUMBING SCHEDULES & DETAILS

P-2

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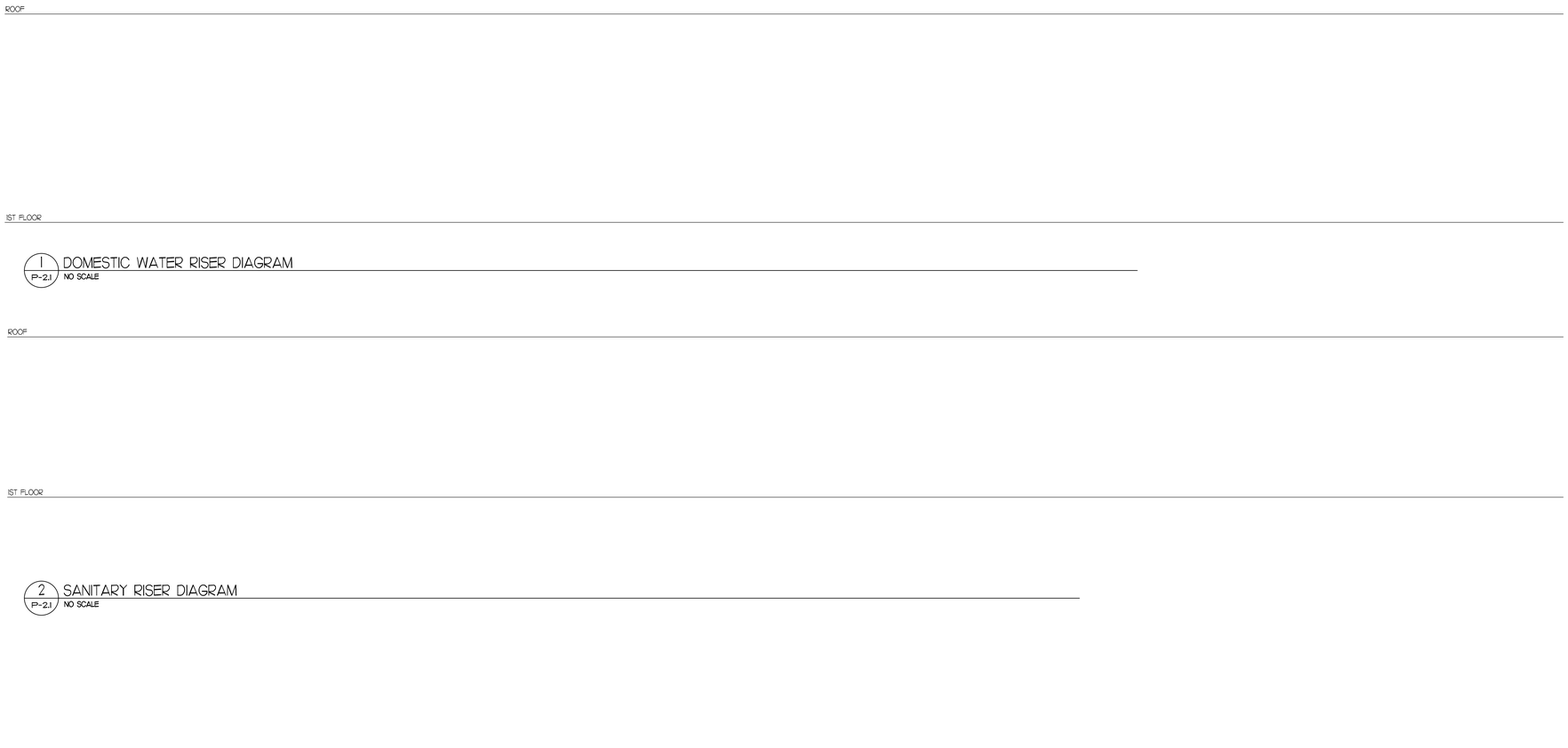

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RISER DIAGRAMS

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PLUMBING SPECIFICATIONS

SCOPE: THIS SPECIFICATION REQUIRES ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO MAKE A COMPLETE AND ACCEPTABLE MECHANICAL INSTALLATION AS SPECIFIED HEREIN AND SHOWN ON DRAWINGS.
PROVIDE ALL ITEMS, ARTICLES, OPERATIONS, OR METHODS LISTED, MENTIONED, OR SCHEDULED HEREIN OR ON THE DRAWINGS, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY AND REQUIRED FOR COMPLETION OF THE WORK.

REGULATIONS, CODES, AND STANDARDS: CURRENT CODE REQUIREMENTS SHALL BE SATISFIED. WHERE REQUIRED BY LOCAL STATE, OR FEDERAL AUTHORITY HAVING JURISDICTION, NO EQUIPMENT WILL BE ACCEPTED UNLESS IT BEARS THE ACCEPTANCE LABEL OF AN APPROPRIATE TESTING AGENCY.

SHOP DRAWINGS: SUBMIT TO THE PROJECT ENGINEER FOR APPROVAL SHOP DRAWINGS FOR ALL EQUIPMENT LISTED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE GENERAL CONDITIONS AND SUPPLEMENTARY CONDITIONS. ALLOW 10 DAYS FOR REVIEW BY ARCHITECT/ENGINEER. SUBMITTALS SHALL INCLUDE AS A MINIMUM THE FOLLOWING:

A. PRODUCT DATA: MANUFACTURER'S LITERATURE DESCRIBING ITEM, MODEL NUMBERS PROPOSED SHALL BE IDENTIFIED WHEN THE LITERATURE DESCRIBES MORE THAN (1) ITEM.
B. OPERATION CURVES: FOR ALL FANS SHOWING CAPACITIES, PRESSURES, HORSEPOWER, AND EFFICIENCY SHALL BE PROVIDED.
C. MANUFACTURER'S SUBMITTAL: SHOWING ELECTRICAL AND MECHANICAL REQUIREMENTS AND CONNECTION LOCATIONS SHALL BE PROVIDED.
D. MAINTENANCE DATA: SUBMIT MAINTENANCE DATA AND PARTS LIST FOR EACH TYPE OF EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

ALL SHOP DRAWINGS SUBMITTED SHALL BE STAMPED, DATED, AND SIGNED BY THE CONTRACTOR TO CERTIFY THAT THEY HAVE BEEN CHECKED BY HIM AS TO CAPACITIES, DIMENSIONS, SPACE REQUIREMENTS AND LIMITATIONS, AND ANY AND ALL OTHER REQUIREMENTS, AND FOUND ACCEPTABLE. APPROVAL OF SHOP DRAWINGS BY THE PROJECT ENGINEER SHALL NOT RELIEVE CONTRACTOR FROM FULFILLING OPERATIONAL REQUIREMENTS, OR FURNISHING ALL MATERIAL AND EQUIPMENT SPECIFIED OR NOTED, WHETHER OR NOT SPECIFICALLY SHOWN ON THE SHOP DRAWINGS. THE QUANTITY TO BE SUBMITTED SHALL BE THE NUMBER REQUIRED BY THE GENERAL CONTRACTOR.

AS-BUILT DRAWINGS: THE CONTRACTOR SHALL SUBMIT AT COMPLETION ONE (1) SET OF MARKED-UP CONTRACT DRAWINGS WHICH SHOW ALL MODIFICATIONS TO THE CONTRACT AND CHANGES OF LOCATIONS, MATERIALS, OR CONFIGURATIONS. THIS SET SHALL BE SUBMITTED WITH THE OPERATING MANUALS TO THE PROJECT ENGINEER.

OPERATING MANUALS: PROVIDE THREE (3) MANUALS, EACH WITH A COMPLETE SET OF COPIES OF SHOP DRAWINGS REQUIRED FOR THE PROJECT AS WELL AS VALVE CHARTS, MANUFACTURER'S TESTING, CLEANING AND MAINTENANCE INSTRUCTIONS, LIST OF MATERIALS FOR MAINTENANCE, PARTS LIST, WIRING DIAGRAMS, AND NAME AND ADDRESS OF AUTHORIZED SERVICE ORGANIZATIONS AND SUPPLIERS. INFORMATION SHALL BE BOUND IN 8½"X11" THREE-RING, LOOSE-LEAF BINDER, AND INDEXED IN ACCORDANCE WITH THESE SPECIFICATIONS. BINDER COVER SHALL IDENTIFY JOB NAME, DATE, AND NAME AND ADDRESS OF CONTRACTOR, ARCHITECT, AND ENGINEER. MANUALS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW OF MATERIAL PRIOR TO THE FINAL INSPECTION. MANUALS WILL BE RETURNED TO THE CONTRACTOR FOR THE SUBMITTAL TO THE OWNER AT THE TIME OF SYSTEM INSTRUCTION.

SYSTEM START-UP: AT A TIME SET BY THE CONTRACTOR, AND AGREED TO BY THE OWNER, ARRANGE TO PLACE EQUIPMENT IN OPERATION, HAVE A FACTORY AUTHORIZED TECHNICIAN ASSIST IN THE EQUIPMENT START-UP AND MAKE NECESSARY ADJUSTMENTS TO PROVE SATISFACTORY OPERATION PRIOR TO TURNING FACILITY OVER TO OWNER. ALL EQUIPMENT SHALL BE RUN FOR THREE 8-HOUR TEST PERIODS. ANY IRREGULARITIES, FAULTY EQUIPMENT, ETC., SHALL BE REPAIRED OR REPLACED PRIOR TO FINAL INSPECTION AND ACCEPTANCE. AFTER TESTING, ALL EQUIPMENT SHALL BE FRESH-LY OILED, FILTERS REPLACED WITH CLEAN MEDIA, AND INSTALLATION COMPLETELY FINISHED PRIOR TO ACCEPTANCE.

OWNER INSTRUCTION: CONTRACTOR SHALL ARRANGE, IN WRITING, WITH THE OWNER, PRIOR TO FINAL INSPECTION, A DATE OR DATES TO INSTRUCT THE OWNER, AND THE OWNER'S DESIGNATED REPRESENTATIVES, IN THE OPERATION AND MAINTENANCE OF THE SYSTEM.

FINAL INSPECTION: UPON COMPLETION OF ALL WORK, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE FOLLOWING DATA:

1. MAINTENANCE MANUALS

AFTER RECEIVING APPROVAL OF THE ABOVE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING AND MAKE ARRANGEMENTS FOR A FINAL INSPECTION. AFTER THE FINAL INSPECTION IS MADE, THE CONTRACTOR WILL RECEIVE A LIST OF ITEMS REQUIRING ADJUSTMENT, CORRECTION, REPLACEMENT, OR COMPLETION. THE CONTRACTOR SHALL COMPLY COMPLETELY WITH ALL THE LISTED REQUIREMENTS WITHIN THIRTY (30) DAYS OF THE RECEIPT OF LIST. SHOULD THE CONTRACTOR FAIL TO PERFORM WITHIN THIS TIME LIMIT, THE PROJECT ENGINEER AND/OR OWNER RESERVES THE RIGHT TO HAVE THE WORK COMPLETED BY OTHERS AND THE COST DEDUCTED FROM THE CONTRACT PRICE.

DISPOSAL: ALL MATERIALS AND EQUIPMENT SHOWN, OR INDICATED TO BE REMOVED AND NOT REINSTALLED OR RELOCATED, SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE OWNER'S PROPERTY UNLESS SPECIFIED TO THE CONTRARY.

EQUIPMENT PADS, FOUNDATIONS, AND PITS: PROVIDE ALL NECESSARY EQUIPMENT PADS, FOUNDATIONS, AND PITS WHICH ARE REQUIRED AS PART OF THIS PROJECT. COST OF CONSTRUCTING THESE SHALL BE A PART OF THE RESPECTIVE MECHANICAL INSTALLATION. EACH FLOOR MOUNTED PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A 4" HIGH CONCRETE BASE, PLUMB AND SMOOTH. CONCRETE SHALL BE COMPOSED OF ONE PART PORTLAND CEMENT, TWO PARTS CLEAN, SHARP SAND, AND FOUR PARTS CRUSHED STONE OR GRAVEL ½" TO ¾" IN SIZE, MINIMUM 3500 PSI STRENGTH ACHIEVED IN 28 DAYS. BASES SHALL BE ATTACHED TO THE BUILDING FLOOR WITH EXPANSION BOLTS ON 3' CENTERS, MINIMUM OF TWO BOLTS PER BASE. EXPANSION BOLTS SHALL BE SET PRIOR TO POURING SUCH THAT BOLT HEADS WILL BE CONCEALED WITHIN THE POURED BASE. BASE EXPANSION BOLTS SET IN MEMBRANE FLOORS SHALL BE PLACED SO AS NOT TO IMPAIR INTEGRITY OF THE WATERPROOF MEMBRANE. PROVIDE ALL NECESSARY ANCHOR BOLTS FOR EQUIPMENT SUPPLIED. PROVIDE LAYOUT DIMENSIONS AND ANCHOR BOLT INSERTS FOR ANY OTHER CONTRACTOR REQUIRED TO CONSTRUCT THESE.

GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS SUPPLIED BY HIM FOR ONE (1) YEAR AFTER ACCEPTANCE OF THE WORK IN HIS CONTRACT. IF, DURING THE GUARANTEE PERIOD, ANY DEFECTS OF FAULTY MATERIALS ARE FOUND, HE SHALL CORRECT IMMEDIATELY AND REPAIR ANY DAMAGE TO OTHER MATERIALS OR INSTALLATIONS CAUSED BY THE DEFECT.

EXTENDED WARRANTIES: WHEN EQUIPMENT IS FURNISHED BY THE CONTRACTOR, OR MANUFACTURER, WITH A WARRANTY LONGER THAN ONE (1) YEAR, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A COPY ALONG WITH RECEIPTS OR OTHER DOCUMENTS NECESSARY FOR FUTURE WARRANTY REPAIRS. UNLESS OTHERWISE REQUIRED, EXTENDED WARRANTIES ARE FOR EQUIPMENT ONLY, NOT MATERIALS OR LABOR TO INSTALL.

MATERIALS AND EQUIPMENT: ALL EQUIPMENT AND MATERIALS TO BE INCORPORATED IN THIS CONTRACT WORK SHALL BE NEW AND OF THE MAKES AND TYPES AS SPECIFIED AND CONTRACTED FOR, NO REMOVED EQUIPMENT SHALL BE RE-INSTALLED OR RE-USED.

PROPOSED EQUIPMENT AND MATERIALS: THIS CONTRACTOR SHALL SUBMIT A COMPLETE LIST OF PROPOSED EQUIPMENT AND MATERIALS, DESIGNATING MANUFACTURER'S NAME AND MODEL NUMBER OR TYPE, FOR PROJECT ENGINEER'S APPROVAL. CONTRACTOR SHALL MAKE SUCH SUBMITTAL WITHIN 15 DAYS AFTER NOTICE TO PROCEED AND BEFORE ORDERING ANY MATERIAL OR EQUIPMENT. APPROVAL OF SUCH A LIST SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM RESPONSIBILITY OF SUBMITTING SHOP DRAWINGS. NOR SHALL IT CONSTITUTE FINAL APPROVAL SHOULD THE SHOP DRAWINGS BE FOUND TO BE PARTIALLY OR WHOLLY NOT IN FULL AGREEMENT WITH SPECIFICATION REQUIREMENTS.

INSTALLATION: INSTALLATION OF ALL MATERIAL, ITEMS OR EQUIPMENT AS SHOWN ON DRAWINGS OR DESCRIBED IN SPECIFICATIONS SHALL CONFORM AS NEARLY AS POSSIBLE TO MANUFACTURER'S RECOMMENDED PROCEDURE, UNLESS DESIGNATED OTHERWISE. SHOULD SELECTION OF APPROVED ALTERNATE EQUIPMENT REQUIRE REVISIONS, THIS CONTRACTOR SHALL MAKE ALL CHANGES TO ACCOMMODATE SUCH EQUIPMENT. CONTRACTOR SHALL PREPARE DRAWINGS OF REVISIONS FOR APPROVAL BY PROJECT ENGINEER PRIOR TO BEGINNING WORK. CHANGES AND DRAWINGS SHALL BE MADE AT NO CHANGE IN CONTRACT AMOUNT.

REGULATIONS, CODES AND STANDARDS: THIS CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES AND PAY ALL FEES IN CONNECTION WITH SAME FOR WORK PERFORMED UNDER DIVISION 15.

MECHANICAL SIGNS AND LABELS: WHERE SPECIFIED, THESE SHALL BE ⅛" THICK PLASTIC LAMINATE WITH ENGRAVED LETTERING AND ADHESIVE BACKING. ADDITIONALLY THEY SHALL BE PUNCHED FOR MECHANICAL FASTENERS. UNLESS OTHERWISE SPECIFIED, COLOR SHALL BE BLACK WITH WHITE LETTERING.

IDENTIFICATION: ACCESS PANELS SHALL HAVE ENGRAVED PLASTIC MARKERS INDICATING WHAT ACCESS DOOR IS PROVIDED FOR. PIPING SHALL HAVE MARKERS NEAR EACH BRANCH VALVE AND PIECE OF EQUIPMENT AND WHERE PIPE PASSES THROUGH WALLS, FLOORS, AND CEILINGS. SPACE MARKERS AT A MAXIMUM 25' INTERVALS.

OPENINGS, CHASES, AND RECESSES: THIS CONTRACTOR SHALL GIVE GENERAL CONTRACTOR, IN SUFFICIENT TIME, ALL DIMENSIONS NEEDED FOR THE PROPER CONSTRUCTION AND LOCATION OF FORMS, CHASES AND OTHER OPENINGS WHICH MAY BE REQUIRED FOR THE INSTALLATION OF ALL EQUIPMENT, PIPE, DUCTS AND MATERIALS UNDER THIS CONTRACT.

PROTECTION OF EQUIPMENT: PROTECT AGAINST INJURY FROM WEATHER ALL BUILDING MATERIALS, SUPPLIES, TOOLS, EQUIPMENT, AND FIXTURES INSTALLED OR TO BE INSTALLED, WITH SUITABLE AND SUBSTANTIAL COVERS. COST OF REPLACING OR REPAIRING EQUIPMENT AND FIXTURES MADE NECESSARY BY FAILURE TO PROVIDE SUITABLE PROTECTION SHALL BE PAID BY THIS CONTRACTOR. RESPONSIBILITY FOR THE CARE AND PROTECTION OF MECHANICAL EQUIPMENT AND WORK SHALL REMAIN WITH THIS CONTRACTOR UNTIL IT HAS BEEN TESTED AND ACCEPTED. PROTECT EQUIPMENT OUTLETS, PIPE, DUCT, AND CONDUIT OPENINGS WITH TEMPORARY PLUGS, CAPS, OR APPROVED DEVICES.

PROTECT DEVICES: ALL GEARS, BELTS, AND MOVING PARTS ARE TO BE AMPLY PROTECTED BY SUBSTANTIAL NEAT, AND APPROVED PERMANENT GUARDS, CASINGS, OR RAILINGS AS THE CASE MAY REQUIRE AND IN SUCH MANNER AS TO FULLY COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

CLEANING: AFTER ALL FIXTURES, MATERIALS, AND APPARATUS HAVE BEEN SET AND READY FOR USE, AND BEFORE THIS CONTRACTOR LEAVES THE JOB, HE SHALL THOROUGHLY CLEAN ALL EQUIPMENT FURNISHED AND SET BY HIM REMOVING ALL STICKERS, RUST STAINS, GREASE, CEMENT, AND OTHER FOREIGN MATTER OR DISCOLORATION ON EQUIPMENT, LEAVING EVERY PART IN ACCEPTABLE CONDITION, READY FOR USE. CONTRACTOR SHALL REMOVE FROM THE SITE ALL DEBRIS RESULTING FROM HIS WORK, LEAVING BUILDING IN CLEAN CONDITION, SUITABLE FOR OCCUPANCY. VACUUM CLEAN INTERIOR OF ALL AIR HANDLING UNITS BEFORE COMPLETION AND PROVIDE NEW FILTERS JUST BEFORE TURNING OVER TO OWNER.

UTILITY COMPANIES: CONTACT UTILITY COMPANIES AND ADVISE OF PROPOSED WORK PRIOR TO THE START OF THE EXCAVATION.

ACTIVE UTILITIES: WHEN ENCOUNTERED IN WORK, PROTECT, BRACE, AND SUPPORT EXISTING ACTIVE SEWERS, GAS, ELECTRIC, AND OTHER SERVICES WHERE REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE UTILITIES ARE ENCOUNTERED THAT ARE NOT INDICATED, AND WHICH REQUIRE RELOCATION, MAKE REQUEST IN WRITING FOR DETERMINATION. DO NOT PROCEED WITH WORK UNTIL WRITTEN DIRECTIONS ARE RECEIVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO REMAIN.

INACTIVE UTILITIES: WHEN ENCOUNTERED IN WORK, REMOVE, CAP, OR PLUG INACTIVE SERVICES. NOTIFY UTILITY COMPANIES OR MUNICIPAL AGENCIES HAVING JURISDICTION. PROTECT OR REMOVE THESE SERVICES AS DIRECTED.

INTERRUPTION OF UTILITIES: WHERE WORK MAKES TEMPORARY SHUTDOWN OF SERVICES UNAVOIDABLE, SHUT DOWN AT NIGHT, OR AT SUCH TIMES AS APPROVED BY OWNER, WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE. ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVERTIME IF REQUIRED, SO AS TO MAKE THE SHUTDOWN OF SERVICES THE LEAST AMOUNT OF TIME.

MATERIALS

A. COPPER TUBE AND FITTINGS
   1. COPPER DWV TUBE: ASTM B 306, DRAINAGE TUBE, DRAWN TEMPER.

B. PVC PIPE AND FITTINGS
   1. SOLID-WALL PVC PIPE: ASTM D 2665, DRAIN WASTE, AND VENT.
   2. ADHESIVE PRIMER: ASTM F 656.
   3. SOLVENT CEMENT: ASTM D 2564.

PIPE AND FITTINGS:

A. POTABLE WATER IN BUILDING ABOVEGROUND, COLD, HOT, TEMPERED, AND RE-CIRCULATING
   1. COPPER, TYPE L, 3" AND SMALLER, HARD TEMPER WITH CAST BRONZE OR WROUGHT COPPER FITTINGS, OR WITH BRASS OR BRONZE FLARE FITTINGS. JOINTS SHALL BE MADE WITH 95/5 TIN/ANTIMONY SOLDER OR BRAZED. SOLDER CONTAINING LEAD SHALL NOT BE USED. FLUX SHALL BE NON-CORROSIVE TYPE.

B. POTABLE WATER, UNDERGROUND
   1. COPPER, 3" AND SMALLER, TYPE K, SOFT TEMPER WITH BRASS OR BRONZE 125 LB. HEAVY DUTY LONG COLLAR FLARED TYPE FITTINGS. JOINTS INSIDE BUILDING MAY BE CAST BRONZE AND WROUGHT SOLDER JOINT FITTINGS WITH 6% SILVER BRAZING ALLOY AND SILVER BRAZING FLUX.

C. UNDERGROUND WASTE AND VENT
   1. SOLID WALL PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED JOINTS.

D. ABOVEGROUND WASTE AND VENT
   2. COPPER DWV TUBE, COPPER DRAINAGE FITTINGS, AND SOLDERED JOINTS.
   3. SOLID WALL PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED JOINTS.

VALVES: ALL VALVES OF ONE TYPE SHALL BE OF ONE MANUFACTURER AND WITH NAME OR TRADEMARK OF MANUFACTURER CAST OR STAMPED ON BODY OF VALVE.

- VALVES FOR WATER 3" AND SMALLER SHALL BE BALL TYPE VALVES WITH A MINIMUM PRESSURE RATING OF 600 WOG, BRONZE BODY MATERIAL, SCREWED ENDS, TWO-PIECE CONSTRUCTION, STEM SHALL HAVE BRASS/TEFLON SEALS, AND CHROME PLATED VALVE.

FURNISH AND INSTALL REQUIRED VALVES FOR PROPER FLOW CONTROL, ISOLATION FOR INSPECTION, MAINTENANCE AND REPAIR OF EACH PIECE OF EQUIPMENT, EACH MAIN, AND BRANCH SERVICE LINE.

UNIONS: PROVIDE UNIONS IN ALL PIPING CONNECTING TO EQUIPMENT SUBJECT TO REPAIR OR REMOVAL.

A. UNIONS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE PIPING SYSTEM. AVOID UNIONS IN STRAIGHT PIPE RUNS OR IN CONCEALED LOCATIONS.
   1. STEEL PIPING SIZES 2" AND SMALLER: MALLEABLE IRON UNIONS WITH GROUND JOINT BRASS TO IRON SEAT, 150 LB. WORKING PRESSURE. GRINNELL 463, STOCKHAM 694, BLACK OR GALVANIZED.
   2. COPPER PIPING: ALL PIPE SIZES: COPPER, GROUND JOINT UNION. CHASE 402, MUELLER WC407.

MAKE ALL REDUCTIONS IN PIPE SIZE WITH ECCENTRIC OR CONCENTRIC, AS APPROPRIATE, REDUCING FITTINGS TO ALLOW FOR COMPLETE GRAVITY DRAINING OF LINES. USE NO BUSHINGS. ALL PIPE NIPPLES SHALL BE OF THE SAME MATERIAL AS LINES IN WHICH THEY OCCUR. MINIMUM SIZE OF WATER PIPING SHALL BE ½" EXCEPT WITHIN 2' OF PLUMBING FIXTURE. SUPPORT ALL PIPING ADEQUATELY TO PREVENT SAG AND POCKETING.

A. CONCEALED PIPING: ALL PIPING SHALL BE CONCEALED EXCEPT AS OTHERWISE SHOWN OR SPECIFIED. PIPING TO BE CONCEALED MUST BE ROUGHED IN AND INSULATED, IF REQUIRED, BEFORE PERMANENT WALLS OR CEILINGS ARE INSTALLED.

B. EXPOSED PIPING: INSTALL EXPOSED PIPING AS CLOSE TO CEILINGS AND BEAMS AS POSSIBLE, MAINTAINING HIGHEST POSSIBLE HEADROOM CONSISTENT WITH THE CORRECT PITCHING OF THE PIPE.

C. THREADED PIPE: ALL SCREW THREADS SHALL BE AMERICAN STANDARD TAPER PIPE THREAD. USE GRAPHITE OR TEFLON TAPE AS LUBRICANT FOR ASSEMBLING. LUBRICATION OF THREADED JOINTS WILL BE ALLOWED ONLY ON THE MALE PIPE THREADS.

SANITARY WASTE PIPING SPECIALTIES:
A. FLOOR DRAINS: FLOOR DRAINS SHALL BE THE DEEP SEAL TYPE AND FILLED WITH VEGETABLE OIL WHERE SUBJECT TO EVAPORATION.
B. FLOOR CLEANOUTS: ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED CAST IRON EXTRA-HEAVY-DUTY SECURED TOP ADJUSTABLE TO FLOOR FINISH. ZURN Z-1400 OR EQUAL

PRESSURE TESTS: ALL PIPING AND RELATED EQUIPMENT SHALL PROVE TIGHT UNDER REQUIRED TESTS. CONTRACTOR SHALL PROVIDE ALL NECESSARY INSTRUMENTS, GAUGES, APPARATUS, AND PERSONNEL TO PERFORM THE TESTS. ALL TESTS FOR PIPING SYSTEMS, EXCEPT FINAL TESTS OF COMPLETE SYSTEM, SHALL BE MADE BEFORE PIPE IS COVERED, CONCEALED, OR CONNECTED TO FIXTURES AND EQUIPMENT. REMOVE OR PROTECT FROM DAMAGE EQUIPMENT NOT INTENDED TO BE SUBJECTED TO TEST PRESSURES REQUIRED. ALL TEST PRESSURES SHALL REMAIN CONSTANT FOR THE REQUIRED PERIOD WITHOUT ADDITION TO THE TESTING MEDIUM. ALL TESTS SHALL BE MADE IN THE PRESENCE OF THE PROJECT ENGINEER'S DULY AUTHORIZED REPRESENTATIVE. TESTS REQUIRED SHALL NOT BE LESS THAN THE FOLLOWING AND NOT LESS THAN THE APPLICABLE CODES:

A. INTERIOR SEWER AND VENTS: PNEUMATIC, 5 PSIG, 15 MINUTES

B. POTABLE WATER: HYDROSTATIC, 150 PSIG, 2 HOURS

ALL PIPE SHALL PROVE ABSOLUTELY TIGHT FOR THE ENTIRE DURATION OF THE TEST AS EVIDENCED BY BOTH VISUAL INSPECTION AND PRESSURE GAUGE READABLE TO ONE PSIG INCREMENTS. IF ANY LEAK OCCURS, THE CONTRACTOR SHALL MAKE REPAIR OR OTHER CORRECTIVE ACTION AND CONDUCT THE TEST AGAIN.

DISINFECTING AND CLEANING: ALL PIPING SYSTEMS SHALL BE THOROUGHLY CLEANED AND DISINFECTED PRIOR TO OPERATION AND/OR CONNECTION TO EXISTING SYSTEMS. WHERE NEW SYSTEMS CONNECT TO TO EXISTING, PROVIDE VALVES, DRAINS, ETC., TO ISOLATE THE NEW FOR PROPER CLEANING.

PLUMBING INSULATION: INSULATION SHALL COMPLY WITH ASHRAE, NFPA, ANSI/ASTM, AND FEDERAL SPECIFICATIONS. INSULATION PRODUCTS SHALL BE MANUFACTURED BY ONE OF THE FOLLOWING MANUFACTURERS:

1. MANVILLE CORP.
2. OWENS-CORNING FIBERGLASS CORP.
3. CERTAIN-TEED CORP.
4. KNAUF

REFERENCES: ASTM C547, STANDARD SPECIFICATION FOR MINERAL FIBER PIPE INSULATION. ASTM E24, STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS. UL 723, TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS.

PRODUCTS SHALL NOT CONTAIN ASBESTOS, LEAD, MERCURY, OR MERCURY COMPOUNDS.

INSULATION SCHEDULE:
DOMESTIC COLD WATER PIPING: ALL SIZES, 1" INSULATION WITH ASJ JACKET
DOMESTIC HOT WATER PIPING: ALL SIZES, 1" INSULATION WITH ASJ JACKET
DOMESTIC HOT WATER RETURN PIPING: ALL SIZES, 1" INSULATION WITH ASJ JACKET
STORM WATER PIPING: ALL SIZES, 1" INSULATION WITH ASJ JACKET

INSULATION TO HAVE A 0.24 BTU•IN/HR•FT2•ºF. ALL INSULATION TYPES SHALL HAVE FIRE AND SMOKE HAZARD CLASSIFICATION RATINGS FOR EACH INSULATION TYPE AS A COMPOSITE UNIT ASSEMBLY. COMPOSITE ASSEMBLY SHALL CONSIST OF BASIC INSULATION BODY, JACKET OR FACING, AND ADHESIVE BINDING JACKET OF FACING TO INSULATION BODY. RATINGS SHALL NOT EXCEED A FLAME SPREAD CLASSIFICATION OF 25 AND SMOKE-DEVELOPED CLASSIFICATION OF 50. ALL INSULATION PRODUCTS, OR THEIR SHIPPING CARTONS OR PACKAGES SHALL BEAR A LABEL INDICATING THAT FLAME AND SMOKE RATINGS DO NOT EXCEED THE STATED REQUIREMENTS.

WHERE PIPE IS SUPPORTED FROM THE INSULATION SUCH AS WITH CLEVIS HANGERS, INSTEAD OF FROM THE PIPE ITSELF, INSERTS AND PROTECTION SHIELDS SHALL BE UTILIZED.

INSULATE ALL PVC PIPING IN PLENUM CEILINGS WITH INSULATION HAVING A FLAME SPREAD CLASSIFICATION OF 25 AND SMOKE DEVELOPED CLASSIFICATION OF 50. AVOID INSTALLING PVC PIPING IN PLENUM CEILINGS.

REDUCED-PRESSURE BACKFLOW PREVENTORS:
TWO IN-LINE, INDEPENDENT CHECK VALVES, CAPTURED SPRINGS AND REPLACEABLE CHECK SEATS WITH AN INTERMEDIATE RELIEF VALVE. SEATS AND SEAT DISCS SHALL BE REPLACEABLE IN BOTH CHECK MODULES AND THE RELIEF VALVE. NO THREADS OR SCREWS IN THE WATERWAY EXPOSED TO LINE FLUIDS. SERVICE OF ALL INTERNAL COMPONENTS SHALL BE THROUGH A SINGLE ACCESS BRONZE COVER SECURED WITH STAINLESS STEEL BOLTS. THE ASSEMBLY SHALL ALSO INCLUDE TWO RESILIENT SEATED ISOLATION VALVES, FOR RESILIENT SEATED TEST COCKS AND AN AIR GAP DRAIN FITTING. THE ASSEMBLY SHALL MEET THE REQUIREMENTS OF USC-ASSE STD. 1013, AWWA STD. C511-92. INSTALL DRAIN FOR BACKFLOW PREVENTERS WITH ATMOSPHERIC VENT DRAIN CONNECTION WITH AIR-GAP FITTING, FIXED AIR-GAP FITTING, OR EQUIVALENT POSITIVE PIPE SEPARATION OF AT LEAST TWO PIPE DIAMETERS IN DRAIN PIPING AND PIPE TO FLOOR DRAIN.

ALL BACKFLOW DEVICES SHALL BE TESTED AND APPROVED BY A CROSS CONNECTION CONTROL DEVICE INSPECTOR (CCCDI) BEFORE INITIAL OPERATION.

PLUMBING FIXTURES AND TRIM: COMPLY WITH ALL APPLICABLE PORTIONS OF THE PLUMBING CODE, ANSI STANDARDS, PDI STANDARDS, FEDERAL STANDARDS, UL COMPLIANCE, STATE STANDARDS, LOCAL STANDARDS, AND AMERICANS WITH DISABILITIES ACT (ADA).

APPROVED MANUFACTURERS' LIST: AMERICAN STANDARD, CRANE, ELJER, UNIVERSAL-RUNDLE, KOHLER, CHICAGO FAUCET, DELTA FAUCET, SPEAKMAN, SLOAN VALVE, BENEKE, FORBES-WRIGHT, AND OLSONITE.

WATER CLOSETS INSTALLED IN ACCESSIBLE STALLS SHALL HAVE THE FLUSH HANDLE MOUNTED ON THE WIDE SIDE OF THE ROOM AT NO MORE THAN 44" ABOVE THE FLOOR. ALL WATER CLOSETS SHALL BE EQUIPPED WITH SEATS OF SMOOTH, NON-ABSORBENT MATERIAL. ALL SEATS OF WATER CLOSETS PROVIDED FOR PUBLIC USE SHALL BE ANTIMICROBIAL PLASTIC MATERIAL AND OPEN-FRONT STYLE. NOW WATER CLOSET SEAT SHALL BE MORE THAT 1 1/2 INCHES THICK.

WATER SUPPLIES & TRAPS: FURNISH ALL NECESSARY SUPPLIES, WASTES, TRAPS, STOPS, AND CONNECTORS FROM THE ROUGHED-IN SERVICE TO FIXTURES. EXPOSED PLUSH, WASTE, AND SUPPLY PIPES AT THE FIXTURES SHALL BE POLISHED CHROMIUM PLATED BRASS PIPE. STOP VALVES, PLUSH VALVES, ESCUTCHEONS, ETC., SHALL BE HEAVY CAST BRASS WITH POLISHED CHROMIUM PLATING. WATER LINES TO EACH FIXTURE SHALL BE EQUIPPED WITH CHROME PLATED BRASS, LOOSE KEY STOP VALVES, SCREW DRIVER STOPS SHALL BE PROVIDED WITH ALL PLUSH VALVES. PROVIDE VACUUM BREAKERS FOR PLUSH VALVES.

DRINKING FOUNTAINS:
DRINKING FOUNTAINS SHALL BE WALL MOUNTED, VANDAL RESISTANT BI-LEVEL ROUND MADE FROM 18 GAUGE 304 STAINLESS STEEL BOWLS MOUNTED INTO POWDER COATED STEEL BACK PANEL. UNIT SHALL BE ACTIVATED BY FRONT MOUNTED SELF-CLOSING BUTTONS, BY USING LESS THAN 5 LBS OF FORCE, WHICH ACTIVATES INTERNALLY MOUNTED VALVES WITH ADJUSTABLE STREAM REGULATORS FOR CONTROLLING THE WATER FLOW. BUBBLERS SHALL BE POLISHED CHROME PLATED BRASS WITH NON-SQUIRT FEATURES AND OPERATE ON WATER PRESSURE RANGE OF 20-105 PSIG. UNIT SHALL ADHERE TO ANSI A117.1 AND AMERICANS WITH DISABILITIES ACT OF 1990. INSTALL OFF-THE-FLOOR CARRIER SUPPORTS, AFFIXED TO BUILDING SUBSTRATE. INSTALL WATER PIPING WITH SHUTOFF VALVE ON SUPPLY TO EACH FIXTURE TO BE CONNECTED TO THE WATER DISTRIBUTION PIPING. INSTALL TRAP AND WASTE PIPING ON DRAIN OUTLET OF EACH FIXTURE TO BE CONNECTED TO SANITARY DRAINAGE SYSTEM. ADJUST FIXTURE FLOW REGULATORS FOR PROPER FLOW AND STREAM HEIGHT.

ELECTRIC TANK TYPE WATER HEATERS:
WATER HEATER TO BE CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE AND UL 174 APPROVED. PROVIDE PRODUCTS BY ONE OF THE FOLLOWING: BRADFORD WHITE, LOCHINVAR, RHEEM, A.O. SMITH, OR STATE. MINIMUM PRESSURE RATING OF STORAGE TANK: 150 PSI. GLASS-LINED STEEL STORAGE TANK. HEATING ELEMENTS TO BE ZINC PLATED COPPER SHEATHS. FACTORY INSTALLED TERMINAL BLOCK. ADJUSTABLE TEMPERATURE CONTROL RANGE OF 110 TO 170º. MANUAL RESET HIGH TEMPERATURE CUTOFF.

SUPPORT UNITS FROM STRUCTURE ABOVE WITH THREADED ROD SUPPORTS. INSTALL SHUT-OFF VALVE ON INLET SIDE OF WATER HEATER. INSTALL COMBINATION TEMPERATURE-AND-PRESSURE RELIEF VALVES IN TOP PORTION OF STORAGE TANKS. USE RELIEF VALVES WITH SENSING ELEMENTS THAT EXTEND INTO TANKS. EXTEND COMMERCIAL-WATER-HEATER RELIEF-VALVE OUTLET, WITH DRAIN PIPING SAME AS DOMESTIC-WATER PIPING IN CONTINUOUS DOWNWARD PITCH, AND DISCHARGE BY POSITIVE AIR GAP ONTO CLOSEST FLOOR DRAIN.

POTABLE WATER HEATERS SHALL BE LISTED AND LABELED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTION AND SHALL BE CAPABLE OF BEING REMOVED WITHOUT FIRST REMOVING A PERMANENT PORTION OF THE BUILDING STRUCTURE OR PIPING.

PLOT DATE: 3/4/2025 3:57 PM
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MUNICIPAL APPROVAL STAMP

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Project Number: 25-005
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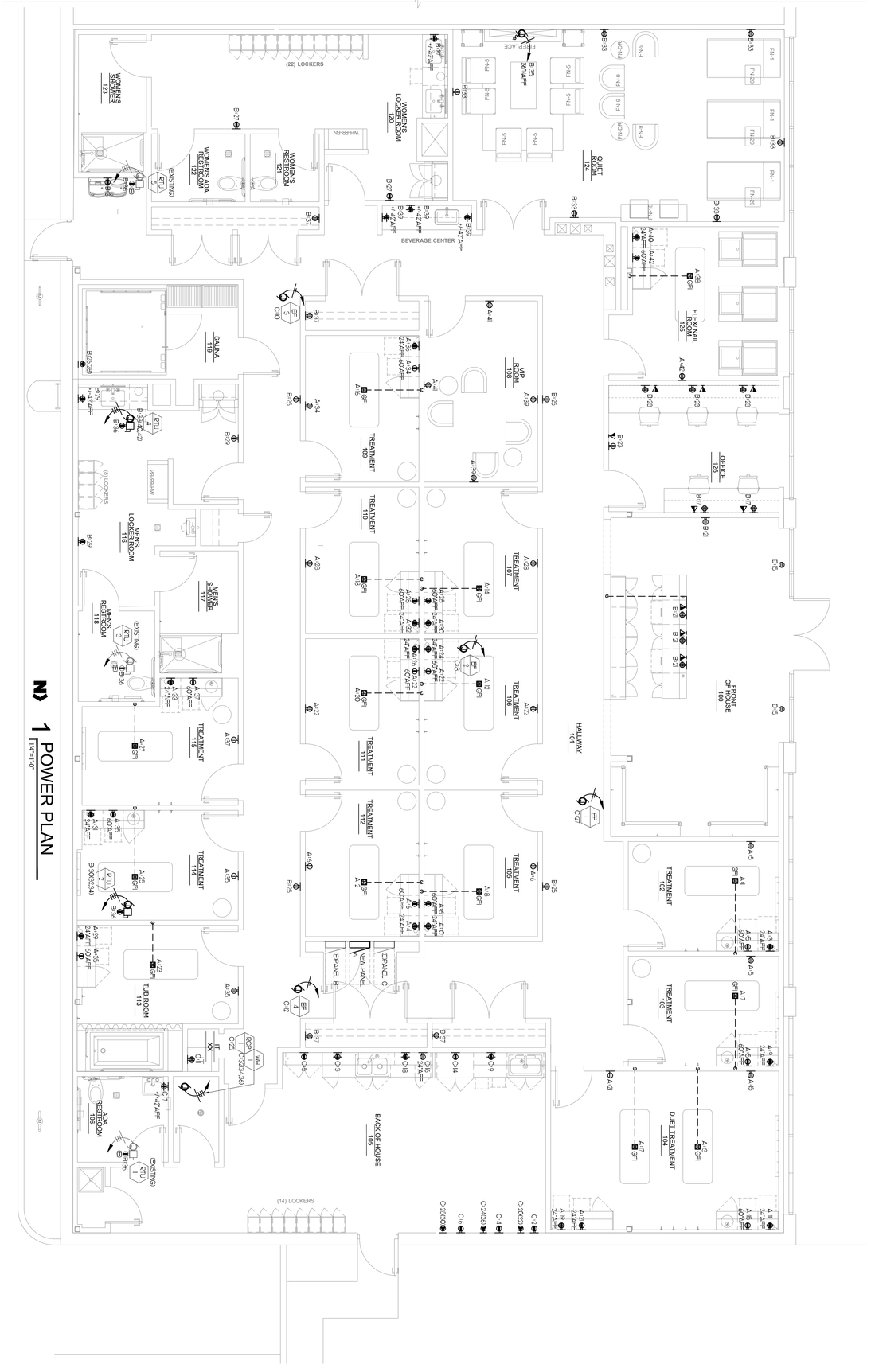

1 POWER PLAN
1/4"=1'-0"

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E-1

ELECTRICAL POWER PLAN

SHEET TITLE & NUMBER

CLIENT REVIEW

Project Number: 25-005

Drawn By: RM / RT Approved By: -

No.	Issue	Date
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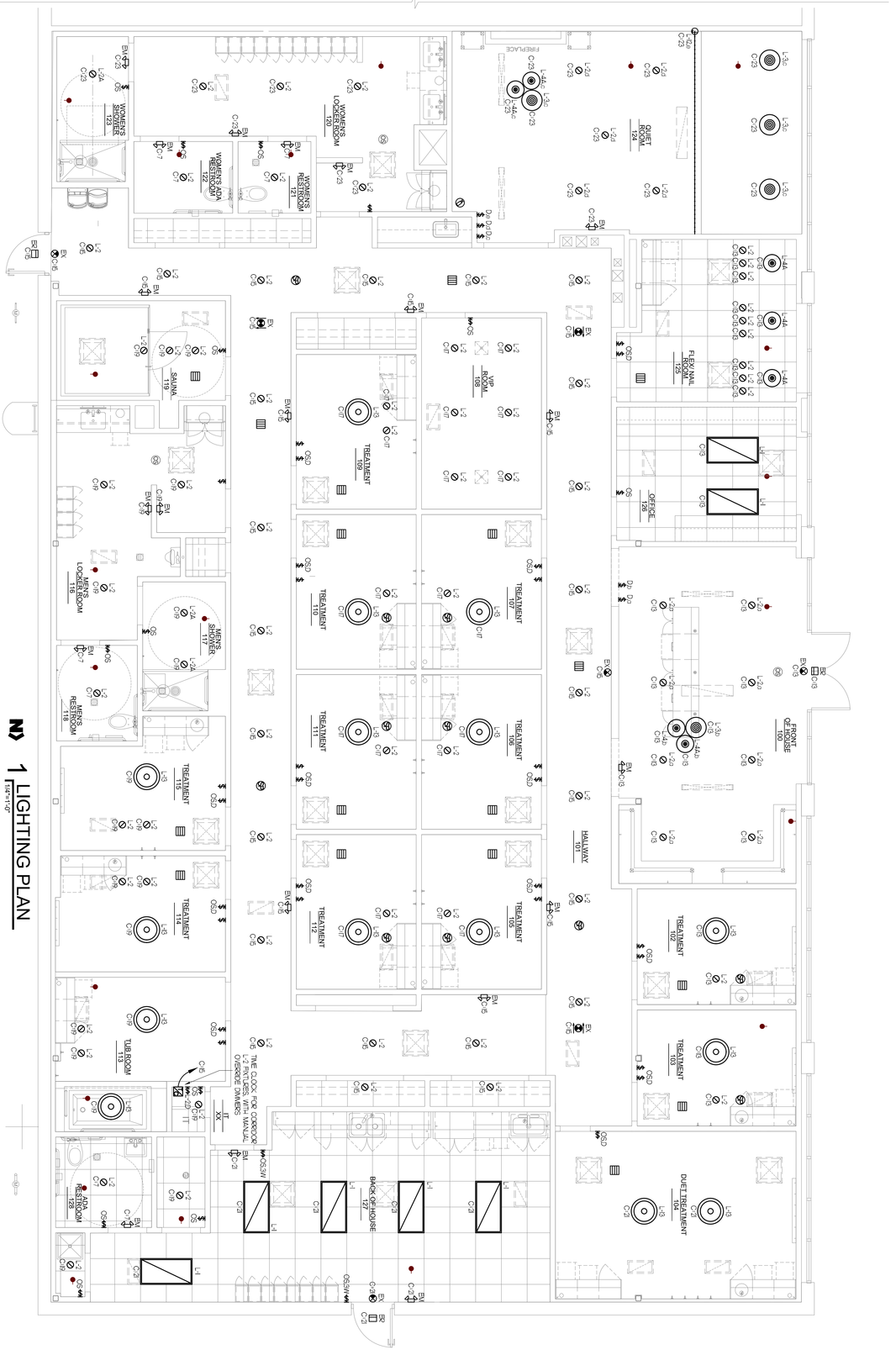

1 LIGHTING PLAN

1/4"=1'-0"

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E-1.1

ELECTRICAL LIGHTING PLAN

SHEET TITLE & NUMBER

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Project Number: 25-005

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No.	Issue	Date
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ELECTRICAL SYMBOL LIST

	2X4 LIGHT FIXTURE; FIXTURE L-1
	RECESSED CAN LIGHT FIXTURE; FIXTURE L-2
	21" DIAMETER WOVEN PENDANT; FIXTURE L-3
	14" DIAMETER WOVEN PENDANT; FIXTURE L-4
	LINEAR STRIP/TAPE LIGHT; FIXTURE L-12
L-1a RP-X-Y	"L-1" INDICATES FIXTURE TYPE, REFER TO LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION AND MOUNTING
L-1a RP-X-Y	"a" INDICATES SWITCH CONTROL "RP-X" INDICATES PANEL DESIGNATION "-Y" INDICATES PANEL CIRCUIT NUMBER
	WALL MOUNTED LED EMERGENCY LIGHT WITH BATTERY BACK-UP
	CEILING MOUNTED LED EMERGENCY LIGHT WITH BATTERY BACK-UP
	LED EXIT SIGN WITH BATTERY BACK-UP - CEILING MOUNTED - HATCHED REGION INDICATES EXIT FACE ORIENTATION
	LED EXIT SIGN WITH BATTERY BACK-UP - WALL MOUNTED - HATCHED REGION INDICATES EXIT FACE ORIENTATION
	EXTERIOR EMERGENCY LIGHT
$	SINGLE POLE SWITCH
$3W	SINGLE POLE SWITCH - THREE (3) WAY
$a	SINGLE POLE SWITCH - LETTER INDICATES SWITCH CONTROL
$D	DIMMING SWITCH
$OS	WALL SWITCH WITH OCCUPANCY SENSOR
	CEILING MOUNT OCCUPANCY SENSOR
	LIGHTING CONTROL TIME CLOCK
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE (QUAD)
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER, 42" AFF STANDARD.
	DUPLEX RECEPTACLE - GFCI TYPE
	SIMPLEX RECEPTACLE
	30A TWIST LOCK RECEPTACLE
	CEILING MOUNTED DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE (QUAD) MOUNTED IN FLOOR
	ELECTRICAL J-BOX, CIRCUIT & CONNECTION TO EQUIPMENT/DEVICE
TV	RECESSED WALL BOX, OUTLET FOR DUPLEX OUTLET, COAXIAL CABLE & DATA CONNECTION
	RECESSED WALL BOX, OUTLET FOR DUPLEX OUTLET, COAXIAL CABLE & DATA CONNECTION
	ELECTRICAL BRANCH PANEL
	ELECTRICAL DISTRIBUTION PANEL
	CONNECTION TO MOTOR EQUIPMENT - SEE EQUIPMENT CONNECTION SCHEDULE
OR $	NON-FUSED DISCONNECT SWITCH - SEE EQUIPMENT CONNECTION SCHEDULE
	VOICE/DATA ROUGH-IN W/ 1" CONDUIT STUBBED TO ABOVE CEILING ROUGH-IN ONLY (WIRING BY OTHERS)
	SOUND MASKING EMITTER - BY OTHERS
SM	CEILING MOUNT SPEAKER - BY OTHERS

FIRE ALARM SYSTEM

FIRE ALARM SYSTEM IS TO BE DONE BY PROJECT FIRE ALARM CONTRACTOR, SELECTED BY OWNER AND BE DONE UNDER A SEPARATE PERMIT WITH THE CITY OF WILMINGTON, NORTH CAROLINA.

LED LIGHT FIXTURE SCHEDULE

FIXT. NO.	DESCRIPTION	MANUFACTURER & MODEL NUMBER		VOLTAGE	LAMP QTY. & TYPE	REMARKS
L-1	2'x4' LED PANEL	ENVISION	LED-BPL-2X4-3M50-TKI	120-VOLT	40W LED	2X4 LED PANEL WITH FROSTED WHITE LENS, SWITCHABLE LUMEN OUTPUT DRIVER, SWITCHABLE COLOR TEMPERATURE AND INTEGRAL T-BAR CLIPS FOR T-GRID CEILINGS, 0-10V DIMMING.
L-2A	4" LED DOWNLIGHT (WET LOCATION)	LOTUS	LD4R-90K-WR-WT W/ LLL-LD55STR DIMMING DRIVER	MULTI-VOLT	15W LED	4" DOWNLIGHT, IC RATED AND SUITABLE FOR WET LOCATIONS. PROVIDE WITH DIMMING DRIVER AS INDICATED. 0-10V DIMMING.
L-2	4" LED DOWNLIGHT	ENVISION	LED-CADM-3M20-5CCT-UNV/CADM -4-SCH-JBOX-ALM	MULTI-VOLT	12W LED	4" DIAMETER RECESSED DOWNLIGHT WITH SWITCH-ABLE LUMEN OUTPUT DRIVER, SWITCH-ABLE COLOR TEMPERATURE, SELF-FLANGED, WHITE TRIM, CLEAR-SPECULAR FINISH, UNIVERSAL MOUNTING PLATE AND JUNCTION BOX.
L-3	21" WOVEN LED PENDENT	SERENA LLY	HEADLANDS BELL PENDANT LA-H65-01	MULTI-VOLT	40W LED	21 ½" DIAMETER, 27" HIGH OPEN-WEAVE PENDANT, "NATURAL" COLOR WITH 8' LONG CORD. PROVIDE WITH LED LAMP AS INDICATED (40W EQUIVALENT, DIMMABLE TO 5% LINE VOLTAGE). MOUNT AT 6'-6" AFF TO BOTTOM OF FIXTURE.
L-4	14" WOVEN LED PENDENT	SERENA LLY	HEADLANDS BELL PENDANT LA-H65-02	MULTI-VOLT	40W LED	14" DIAMETER, 20" HIGH OPEN-WEAVE PENDANT, "NATURAL" COLOR WITH 8' LONG CORD. PROVIDE WITH LED LAMP AS INDICATED (40W EQUIVALENT, DIMMABLE TO 5% LINE VOLTAGE). MOUNT AT 7'-4" AFF TO BOTTOM OF FIXTURE.
L-4A	14" WOVEN LED PENDENT	SERENA LLY	HEADLANDS BELL PENDANT LA-H65-02	MULTI-VOLT	40W LED	SAME AS L-4, EXCEPT MOUNTED AT 7'-0" AFF TO BOTTOM OF FIXTURE.
L-12	LED TAPE LIGHT	NOVA FLEX	NF-PRO-O-120-24V-3000K HOUSING/CHANNEL: NF-CH-6234-2M CHANNEL COVER: NF-CH-6234-C/SOFT-2M	MULTI-VOLT	3W/FT LED	RECESSED LED TAPE LIGHT FIXTURE, PROVIDE WITH MUD-IN CHANNEL AND SOFT COVER. PROVIDE ALL END CAPS AS REQUIRED AND POWER SUPPLIES AS REQUIRED, REFER TO LIGHTING PLAN FOR TOTAL LENGTH OF RUNS.
L-13	24" LED PENDENT	LULU & GEORGIA	SAYAN PENDANT PAPD4027E26SP695 (AP)	MULTI-VOLT	40W LED	24" DIAMETER, 12 1/4" HIGH, LITE-WRAPPED PENDANT, COLOR - NATURAL, WITH 78-3/4" LONG CORD, PROVIDE WITH LED LAMP AS INDICATED (40W EQUIVALENT, LINE-VOLTAGE DIMMABLE TO 5%). MOUNT AT 6'-10" AFF TO BOTTOM OF FIXTURE.
EX	EXIT SIGN	CONTECH	REXAMPREM-P	MULTI-VOLT	3.8W LED	RECESSED, LED EDGE-LIT EXIT SIGN WITH MAINTENANCE FREE NICKEL CADMIUM BATTER, SELF-DIAGNOSTICS, BRUSHED ALUMINUM HOUSING, CLEAR ACRYLIC PANEL WITH RED LETTERS ON MIRROR FACE, UNIVERSAL DIRECTIONAL INDICATORS AND UNIVERSAL INSTALLATION. PROVIDE NUMBER OF FACES AS INDICATED ON PLAN AND CEILING RECESSED OR WALL MOUNT OPTION AS REQUIRED.
EM	EMERGENCY LIGHT	HUBBELL (COMPASS)	CU2FO	MULTI-VOLT	2.4W LED	SURFACE MOUNT LED EMERGENCY LIGHT, NICKEL CADMIUM BATTERY, THERMOPLASTIC HOUSING, SHORT-CIRCUIT PROTECTION.
ER	EXTERIOR EMERGENCY LIGHT	SPECIALTY LIGHTING GROUP	R4LED2PWPMV	MULTI-VOLT	4W LED	SURFACE MOUNT EXTERIOR LED EMERGENCY LIGHT, DIE CAST ALUMINUM HOUSING AND VANDAL RESISTANT, BOROSILICATE GLASS LENSES. HIGH-EFFICACY, LONG-LIFE LED'S.

MOUNTING HEIGHTS FOR ELECTRICAL DEVICES

DEVICE	MOUNTING HEIGHTS
LIGHT SWITCHES, WALL MOUNTED OCCUPANCY SENSORS	48" TO CENTERLINE OF BOX. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"-25"D.
DISCONNECT SWITCHES, MOTOR STARTERS, MOTOR PUSH BUTTON STATIONS	60" TO CENTERLINE.
WALL MOUNTED EXIT SIGNS	90" TO CENTERLINE OF SIGN OR CENTERED IN WALL AREA BETWEEN TOP OF DOOR AND CEILING.
CEILING MOUNTED EXIT SIGNS	80" TO BOTTOM FIXTURE.
RECEPTACLES	16" TO BOTTOM OF BOX. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"-25"D.
SPECIAL OUTLETS OR RECEPTACLES	16" TO BOTTOM OF BOX OR AS NOTED ON DRAWINGS. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"-25"D.
DATA/COMMUNICATION OR TELEPHONE OUTLETS	16" TO BOTTOM OF BOX.
FIRE ALARM MANUAL PULL STATIONS	48" TO CENTERLINE OF BOX - NOT MORE THAN 5'-0" FROM EXIT.
FIRE ALARM AUDIBLE ONLY DEVICE	NOT LESS THAN 90" TO TOP OR 6" BELOW CEILING, WHICH EVER IS HIGHER.
FIRE ALARM VISUAL ONLY DEVICE OR A COMBINATION AUDIBLE AND VISUAL DEVICE	80" TO BOTTOM OF DEVICE OR NOT MORE THAN 96" TO TOP.
WALL MOUNTED REMOTE INDICATOR LIGHT	80" TO CENTERLINE OF DEVICE OR 6" BELOW CEILING, WHICH-EVER IS LOWER.

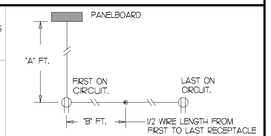
NOTES:
1. ALL DIMENSIONS ARE CONSIDERED FROM FINISHED FLOOR AND, UNLESS NOTED OTHERWISE, SHALL NOT VARY. RAISED FLOORS SHALL BE CONSIDERED FINISHED FLOOR.
2. ALL DIMENSIONS SHALL BE COORDINATED WITH ARCHITECTURAL DETAILS AND MAY BE ADJUSTED TO CONFORM WITH ARCHITECTURAL REQUIREMENTS AS LONG AS NO CODE RESTRICTION IS VIOLATED.
3. OUTLETS INSTALLED LOWER THAN 15" AFF (FORWARD REACH) AND 9" AFF (SIDE REACH) ARE IN VIOLATION OF ADA.

SPECIAL NOTES:
1. EXIT SIGNS SHALL NOT BE INSTALLED SO THAT IT BLOCKS FIRE ALARM VISUAL DEVICES.
2. FOR LIGHTING FIXTURES MOUNTING HEIGHTS SEE SCHEDULE AND DRAWINGS.

WIRE SIZING TABLE

FOR MULTI-VOLT-20A BRANCH CIRCUITS ONLY (UNLESS NOTED OTHERWISE)

IF DISTANCE (A-B) IN FEET IS (SEE DIAGRAM AT RIGHT)	USE COPPER WIRE IN METALLIC CONDUIT, AWG SIZE AS FOLLOWS ON ENTIRE CIRCUIT AND SIZE CONDUIT ACCORDINGLY.
0' TO 45'	#12 AWG (MIN)
45' TO 72'	#10 AWG
72' TO 110'	#8 AWG
110' TO 180'	#6 AWG (MAX)

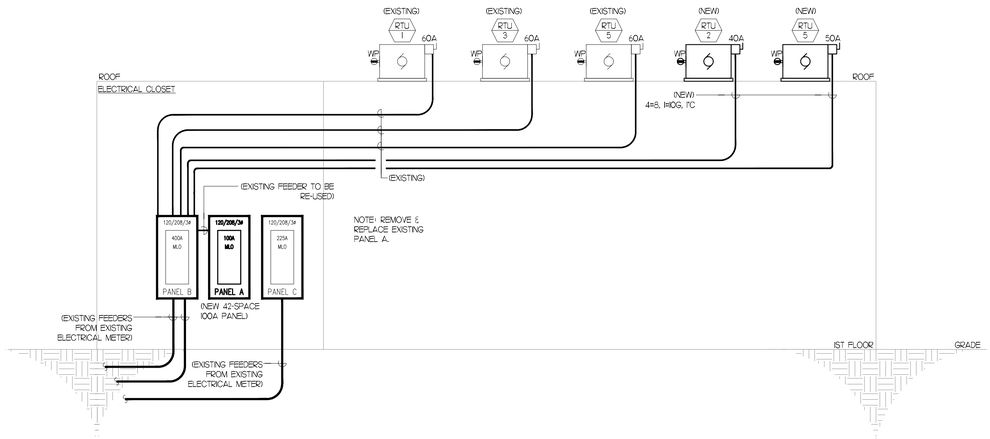


LIGHTING SWITCH NOTES

3	3-WAY SWITCH
D	DIMMER SWITCH
VS	VACANCY SENSING DEVICE (HEAT/MOTION)
VSD	DIMMING VACANCY SENSING DEVICE (HEAT/MOTION)
OS	OCCUPANT SENSING DEVICE
OSD	OCCUPANT SENSING DEVICE (HEAT/MOTION)
(E)	EXISTING TO REMAIN

GENERAL NOTES:

1. ALL CAT6 CABLING STUBBED INTO EACH OFFICE AND RECEPTION DESK IN ORDER TO INSTALL WIRELESS INTERNET. CONTRACTOR TO PROVIDE HIGH-SPEED INTERNET FROM LOCAL PROVIDER STUBBED INTO THE DATA CLOSET.
2. ALL SMOKE DETECTOR WIRING TO BE IN ITS OWN RACEWAY.
3. WHEREVER A CIRCUIT CONDUCTORS ARE SPLICE IN A JUNCTION BOX, ANY ASSOCIATED EQUIPMENT GROUNDING CONDUCTORS (EGC) SHALL BE BONDED ("PIGTAILED") TO THE BOX.
4. ALL WIRING FOR CIRCUITS UNDER FIFTY (50) VOLTS IN NON-ACCESSIBLE AREAS, OR ACCESSIBLE AREAS LESS THAN 8 FEET ABOVE THE FINISH FLOOR SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING. WIRING MAY BE RUN EXPOSED IN ACCESSIBLE AREAS SUCH AS, BUT NOT LIMITED TO, SPACES ABOVE DROPPED CEILINGS, ATTIC SPACES, CRAWL SPACES PROVIDED IT HAS BEEN PROPERLY FASTENED.
5. ARC-FLASH HAZARD WARNING MARKINGS SHALL BE PROVIDED ON ELECTRICAL EQUIPMENT LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARE FLASH HAZARDS IN ACCORDANCE WITH (NEC 110.16).
6. THE SERVICE DISCONNECT SHALL BE PERMANENTLY MARKED TO IDENTIFY IT AS SUCH.
7. ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRICAL EQUIPMENT AND THAT REQUIRED WORKING SPACE SHALL NOT BE USED FOR STORAGE.
8. BONDING EQUIVALENT TO THAT REQUIRED FOR SERVICES SHALL BE PROVIDED FOR ALL METAL COMPONENTS IN CLASSIFIED AREAS.



1 SINGLE LINE ELECTRICAL DIAGRAM
SCALE: NO SCALE

PANEL SCHEDULE — (EXISTING) PANEL B

PANEL: (EXISTING) PANEL B
JOB NO.: WOODHOUSE SPA
SURFACE MOUNT: X
FLUSH MOUNT:
MAIN BREAKER: AMPS
MAIN LUG ONLY: X — 400 AMPS
DOUBLE MAIN LUGS:
MAIN BUS 400 AMPS
VOLTAGE 120/208 V
PHASE 3 P
WIRE 4 W
AIC RATING 65K AMPS

CKT. NO.	BREAKER POLE	AMP	CLASS	DESCRIPTION	LOAD IN KVA LTG	REC	MTR	CKT. NO.	BREAKER POLE	AMP	CLASS	DESCRIPTION	LOAD IN KVA LTG	REC	MTR
1	2	20		MINI SPLIT DATA ROOM		0.94		A 2							6.96
3						0.94		B 4	3	60		RTU			6.96
5	1	20		SPARE				C 6							6.96
7	1	20		SPARE				A 8							6.96
9	1	20		SIGN	1.20			B 10	3	60		RTU			6.96
11	1	20		SIGN	1.20			C 12							6.96
13	1	20		SIGN	1.20			A 14							6.96
15	1	20		F.O.H. 100 SHOW WINDOW RECEPTS.		0.36		B 16	3	60		RTU			6.96
17	1	20		OFFICE 126 RECEPTACLES		0.72		C 18							6.96
19	1	20		RCP-1		0.06		A 20					0.00	5.04	0.00
21	1	20		F.O.H. 100 RECEPTION RECEPTS.	1.26			B 22	3	100		PANEL A	0.00	5.76	0.00
23	1	20		OFFICE 126 RECEPTACLES	1.26			C 24					0.00	6.12	0.00
25	1	20		CORRIDOR RECEPTS.	0.72			A 26	2	30		SAUNA			3.60
27	1	20		WOMEN'S LOCKER ROOM RECEPS	0.54			B 28							3.60
29	1	20		MEN'S LOCKER ROOM RECEPS	0.54			C 30							4.44
31	1	20		DRINKING FOUNTAIN	0.50			A 32	3	40		RTU-2			4.44
33	1	20		QUIET ROOM RECEPTACLES	1.08			B 34							4.44
35	1	20		QUIET ROOM FIRE PLACE	1.00			C 36	1	20		RTU RECEPTACLES		0.90	
37	1	20		CLOSET RECEPTACLES	0.72			A 38							4.92
39	1	20		CORRIDOR BEV. CENTER RECEPTS.	0.54			B 40	3	50		RTU-4			4.92
41	1	20		SPARE				C 42							4.92

P-P VOLTS 208

	LTG	REC	MTR
CONNECTED LOAD - PHASE A	1.2	6.98	34.84
CONNECTED LOAD - PHASE B	1.2	9.54	34.78
CONNECTED LOAD - PHASE C	1.2	10.54	30.24
TOTALS	3.6	27.1	99.9
TOTAL CONNECTED LOAD (KVA)		130.5	

PHASE LOADING	PH A	PH B	PH C
CONNECTED LOAD (KVA)	43.0	45.5	42.0
CONNECTED LOAD (AMPS)	358.2	379.0	349.6

NOTES
EXISTING PANEL. NEW CIRCUITS ARE IN **BOLD**. EXISTING CIRCUITS ARE NOT BOLDED. RE-CIRCUIT EXISTING EQUIPMENT AS NEEDED. EXISTING ELECTRICAL SERVICE TO REMAIN.

ITEM	CONNECTED LOAD (KW)	DEMAND FACTOR	DEMAND LOAD
LIGHTING	3.60	125%	4.50
HVAC	92.66	100%	92.66
REFRIGERATION	0.00	100%	0.0
KICHEN EQUIPMENT	0.00	65%	0.0
RECEPTACLES FIRST 10KW	10.00	100%	10.0
RECEPTACLES OVER 10KW	24.26	50%	12.13
TOTAL (KVA)	130.52		119.3
TOTAL (AMPS)	362.72		331.51

PANEL SCHEDULE — (NEW) PANEL A

PANEL: (NEW) PANEL A
JOB NO.: WOODHOUSE SPA
SURFACE MOUNT:
FLUSH MOUNT: X
MAIN BREAKER: AMPS
MAIN LUG ONLY: X — 100 AMPS
DOUBLE MAIN LUGS:
MAIN BUS 100 AMPS
VOLTAGE 120/208 V
PHASE 3 P
WIRE 4 W
AIC RATING 10K AMPS

CKT. NO.	BREAKER POLE	AMP	CLASS	DESCRIPTION	LOAD IN KVA LTG	REC	MTR	CKT. NO.	BREAKER POLE	AMP	CLASS	DESCRIPTION	LOAD IN KVA LTG	REC	MTR
1	1	20		TREATMENT 102 FLOOR QUAD	0.36			A 2	1	20		TREATMENT 112 FLOOR QUAD		0.36	
3	1	20		TREATMENT 102 QUAD	0.36			B 4	1	20		TREATMENT 112 QUAD		0.36	
5	1	20		TREATMENT 102/103	0.72			C 6	1	20		TREATMENT 112/105		0.72	
7	1	20		TREATMENT 103 FLOOR QUAD	0.36			A 8	1	20		TREATMENT 105 FLOOR QUAD		0.36	
9	1	20		TREATMENT 103 QUAD	0.36			B 10	1	20		TREATMENT 105 QUAD		0.36	
11	1	20		DUAL TREATMENT 104 QUAD	0.36			C 12	1	20		TREATMENT 106 FLOOR QUAD		0.36	
13	1	20		DUAL TREATMENT 104 FLOOR QUAD	0.36			A 14	1	20		TREATMENT 107 FLOOR QUAD		0.36	
15	1	20		DUAL TREATMENT 104	0.36			B 16	1	20		TREATMENT 109 FLOOR QUAD		0.36	
17	1	20		DUAL TREATMENT 104 FLOOR QUAD	0.36			C 18	1	20		TREATMENT 110 FLOOR QUAD		0.36	
19	1	20		DUAL TREATMENT 104 QUAD	0.36			A 20	1	20		TREATMENT 111 FLOOR QUAD		0.36	
21	1	20		DUAL TREATMENT 104	0.36			B 22	1	20		TREATMENT 111/106		0.72	
23	1	20		TUB ROOM 113 FLOOR QUAD	0.36			C 24	1	20		TREATMENT 106 QUAD		0.36	
25	1	20		TREATMENT 114 FLOOR QUAD	0.36			A 26	1	20		TREATMENT 111 QUAD		0.36	
27	1	20		TREATMENT 115 FLOOR QUAD	0.36			B 28	1	20		TREATMENT 110/107		0.72	
29	1	20		TUB ROOM 113 QUAD	0.36			C 30	1	20		TREATMENT 107 QUAD		0.36	
31	1	20		TREATMENT 114 QUAD	0.36			A 32	1	20		TREATMENT 110 QUAD		0.36	
33	1	20		TREATMENT 115 QUAD	0.36			B 34	1	20		TREATMENT 109		0.36	
35	1	20		TUB ROOM 113/TREATMENT 114	0.72			C 36	1	20		TREATMENT 109 QUAD		0.36	
37	1	20		TREATMENT 115	0.36			A 38	1	20		FLEX/NAIL ROOM 125 FLOOR QUAD		0.36	
39	1	20		VIP ROOM 108	0.36			B 40	1	20		FLEX/NAIL ROOM 125 QUAD		0.36	
41	1	20		VIP ROOM 108	0.36			C 42	1	20		FLEX/NAIL ROOM 125		0.36	

P-P VOLTS 208

	LTG	REC	MTR
CONNECTED LOAD - PHASE A	0	5.04	0
CONNECTED LOAD - PHASE B	0	5.76	0
CONNECTED LOAD - PHASE C	0	6.12	0
TOTALS	0.0	16.9	0.0
TOTAL CONNECTED LOAD (KVA)		16.9	

PHASE LOADING	PH A	PH B	PH C
CONNECTED LOAD (KVA)	5.0	5.8	6.1
CONNECTED LOAD (AMPS)	42.0	48.0	51.0

NOTES
NEW ELECTRICAL PANEL. NEW CIRCUITS ARE IN **BOLD**. EXISTING CIRCUITS ARE NOT BOLDED. RE-CIRCUIT EXISTING EQUIPMENT AS NEEDED. PANEL FED FROM PANEL B. EXISTING ELECTRICAL SERVICE TO REMAIN.
REPLACE EXISTING 24 CIRCUIT PANEL WITH NEW 42 CIRCUIT PANEL.

ITEM	CONNECTED LOAD (KW)	DEMAND FACTOR	DEMAND LOAD
LIGHTING	0.00	125%	0.0
HVAC	0.00	100%	0.0
REFRIGERATION	0.00	100%	0.0
KICHEN EQUIPMENT	0.00	65%	0.0
RECEPTACLES FIRST 10KW	10.00	100%	10.0
RECEPTACLES OVER 10KW	6.92	50%	3.5
TOTAL (KVA)	16.92		13.5
TOTAL (AMPS)	47.02		37.4

PANEL SCHEDULE — (EXISTING) PANEL C

PANEL: (EXISTING) PANEL C
JOB NO.: WOODHOUSE SPA
SURFACE MOUNT: X
FLUSH MOUNT:
MAIN BREAKER: AMPS
MAIN LUG ONLY: X — 200 AMPS
DOUBLE MAIN LUGS:
MAIN BUS 225 AMPS
VOLTAGE 120/208 V
PHASE 3 P
WIRE 4 W
AIC RATING 22K AMPS

CKT. NO.	BREAKER POLE	AMP	CLASS	DESCRIPTION	LOAD IN KVA LTG	REC	MTR	CKT. NO.	BREAKER POLE	AMP	CLASS	DESCRIPTION	LOAD IN KVA LTG	REC	MTR
1	1	20		SECURITY		0.50		A 2	1	20		WASHER		1.00	
3	1	20		BACK OF HOUSE 105 RECEPTACLE		0.18		B 4	1	20		WASHER		1.00	
5	1	20		INSINKERATOR WATER DISPENSER		1.30		C 6	1	20		WASHER		1.00	
7	1	20		RESTROOM LTG/REC	0.05	0.18		A 8	1	15		EF-2			0.53
9	1	20		BACK OF HOUSE 105 RECEPTACLE		0.18		B 10	1	15		EF-3			0.53
11	1	20		IT DEDICATED QUAD		0.36		C 12	1	15		EF-4			0.53
13	1	20		WEST LIGHTING	0.64			A 14	1	20		BACK OF HOUSE 105 RECEPTACLE		0.50	
15	1	20		CORRIDOR LIGHTING	0.29			B 16	1	20		BACK OF HOUSE 105 RECEPTACLE		0.50	
17	1	20		CENTER LIGHTING	0.45			C 18	1	20		BACK OF HOUSE 105 RECEPTACLE		0.18	
19	1	20		EAST LIGHTING	0.36			A 20	2	30		DRYER			2.50
21	1	20		NORTH LIGHTING	0.28			B 22							2.50
23	1	20		SOUTH LIGHTING	0.35			C 24	2	30		DRYER			2.50
25	1	20		RCP-1		0.06		A 26							2.50
27	1	15		EF-1		0.53		B 28	2	30		DRYER			2.50
29	1	20		SPARE				C 30							2.50
31	1	20		SPARE				A 32	3	50		WATER HEATER			5.00
33	1	20		SPARE				B 34							5.00
35	1	20		SPARE				C 36							5.00
37	1	20		SPARE				A 38	1	20		SPARE			
39	1	20		SPARE				B 40	1	20		SPARE			
41	1	20		SPARE				C 42	1	20		SPARE			

P-P VOLTS 208

	LTG	REC	MTR
CONNECTED LOAD - PHASE A	1.05	2.18	10.59
CONNECTED LOAD - PHASE B	0.57	1.86	11.06
CONNECTED LOAD - PHASE C	0.8	2.84	10.53
TOTALS	2.4	6.9	32.2
TOTAL CONNECTED LOAD (KVA)		41.5	

PHASE LOADING	PH A	PH B	PH C
CONNECTED LOAD (KVA)	13.8	13.5	14.2
CONNECTED LOAD (AMPS)	115.1	112.3	118.0

NOTES
EXISTING PANEL. NEW CIRCUITS ARE IN **BOLD**. EXISTING CIRCUITS ARE NOT BOLDED. RE-CIRCUIT EXISTING EQUIPMENT AS NEEDED. PANEL FED FROM SEPARATE METER. EXISTING ELECTRICAL SERVICE TO REMAIN.

ITEM	CONNECTED LOAD (KW)	DEMAND FACTOR	DEMAND LOAD
LIGHTING	2.32	125%	2.9
HVAC	17.18	100%	17.2
REFRIGERATION	0.00	100%	0.0
KICHEN EQUIPMENT	0.00	65%	0.0
RECEPTACLES FIRST 10KW	10.00	100%	10.0
RECEPTACLES OVER 10KW	11.98	50%	6.0
TOTAL (KVA)	41.48		36.1
TOTAL (AMPS)	115.27		100.2

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

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WILMINGTON, NC 28105

CLIENT

PROJECT

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CLIENT REVIEW
Project Number: 25-005
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SHEET TITLE & NUMBER

ELECTRICAL SCHEDULES & NOTES

E-2

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ELECTRICAL SPECIFICATIONS:

SCOPE: THIS SPECIFICATION REQUIRES ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO MAKE A COMPLETE AND ACCEPTABLE ELECTRICAL INSTALLATION AS SPECIFIED HEREIN AND SHOWN ON DRAWINGS. PROVIDE ALL ITEMS, ARTICLES, OPERATIONS, OR METHODS LISTED, MENTIONED, OR SCHEDULED HEREIN OR ON THE DRAWINGS, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY AND REQUIRED FOR COMPLETION OF THE WORK.

REGULATIONS, CODES, AND STANDARDS: CURRENT CODE REQUIREMENTS SHALL BE SATISFIED. WHERE REQUIRED BY LOCAL, STATE, OR FEDERAL AUTHORITY HAVING JURISDICTION, NO EQUIPMENT WILL BE ACCEPTED UNLESS IT BEARS THE ACCEPTANCE LABEL OF AN APPROPRIATE TESTING AGENCY.

SHOP DRAWINGS: SUBMIT TO THE PROJECT ENGINEER, FOR APPROVAL, SHOP DRAWINGS FOR ALL EQUIPMENT LISTED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE GENERAL CONDITIONS AND SUPPLEMENTARY CONDITIONS, ALLOW 10 BUSINESS DAYS FOR REVIEW BY ARCHITECT/ENGINEER. SUBMITTALS SHALL INCLUDE AS A MINIMUM THE FOLLOWING:

A. PRODUCT DATA: MANUFACTURER'S LITERATURE DESCRIBING ITEM. MODEL NUMBERS PROPOSED SHALL BE IDENTIFIED WHEN THE LITERATURE DESCRIBES MORE THAN (1) ITEM.
B. MANUFACTURER'S SUBMITTAL: SHOWING ELECTRICAL REQUIREMENTS AND CONNECTION LOCATIONS SHALL BE PROVIDED.
C. MAINTENANCE DATA: SUBMIT MAINTENANCE DATA AND PARTS LIST FOR EACH TYPE OF EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

ALL SHOP DRAWINGS SUBMITTED SHALL BE STAMPED, DATED, AND SIGNED BY THE CONTRACTOR TO CERTIFY THAT THEY HAVE BEEN CHECKED BY HIM AS TO CAPACITIES, DIMENSIONS, SPACE REQUIREMENTS AND LIMITATIONS, AND ANY AND ALL OTHER REQUIREMENTS, AND FOUND ACCEPTABLE. APPROVAL OF SHOP DRAWINGS BY THE PROJECT ENGINEER SHALL NOT RELIEVE CONTRACTOR FROM FULFILLING OPERATIONAL REQUIREMENTS, OR FURNISHING ALL MATERIAL AND EQUIPMENT SPECIFIED OR NOTED, WHETHER OR NOT SPECIFICALLY SHOWN ON THE SHOP DRAWINGS. THE QUANTITY TO BE SUBMITTED SHALL BE THE NUMBER REQUIRED BY THE GENERAL CONTRACTOR.

AS-BUILT DRAWINGS: THE CONTRACTOR SHALL SUBMIT AT COMPLETION ONE (1) SET OF MARKED-UP CONTRACT DRAWINGS WHICH SHOW ALL MODIFICATIONS TO THE CONTRACT AND CHANGES OF LOCATIONS, MATERIALS, OR CONFIGURATIONS. THIS SET SHALL BE SUBMITTED WITH THE OPERATING MANUALS TO THE PROJECT ENGINEER.

OPERATING MANUALS: PROVIDE THREE (3) MANUALS, EACH WITH A COMPLETE SET OF COPIES OF SHOP DRAWINGS REQUIRED FOR THE PROJECT INCLUDING, MANUFACTURER'S TESTING, CLEANING AND MAINTENANCE INSTRUCTIONS, LIST OF MATERIALS FOR MAINTENANCE, PARTS LIST, WIRING DIAGRAMS, AND NAME AND ADDRESS OF AUTHORIZED SERVICE ORGANIZATION AND SUPPLIERS. INFORMATION SHALL BE BOUND IN 8½"X11" THREE-RING, LOOSE-LEAF BINDER, AND INDEXED IN ACCORDANCE WITH THESE SPECIFICATIONS. BINDER COVER SHALL IDENTIFY JOB NAME, DATE, AND NAME AND ADDRESS OF CONTRACTOR, ARCHITECT, AND ENGINEER. MANUALS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW OF MATERIAL PRIOR TO THE FINAL INSPECTION. MANUALS WILL BE RETURNED TO THE CONTRACTOR FOR THE SUBMITTAL TO THE OWNER AT THE TIME OF SYSTEM INSTRUCTION.

OWNER INSTRUCTION: CONTRACTOR SHALL ARRANGE, IN WRITING, WITH THE OWNER, PRIOR TO FINAL INSPECTION, A DATE OR DATES TO INSTRUCT THE OWNER, AND THE OWNER'S DESIGNATED REPRESENTATIVES, IN THE OPERATION AND MAINTENANCE OF THE SYSTEM.

FINAL INSPECTION: UPON COMPLETION OF ALL WORK, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE FOLLOWING DATA:

1. TESTING REPORTS
2. MAINTENANCE MANUALS

AFTER RECEIVING APPROVAL OF THE ABOVE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING AND MAKE ARRANGEMENTS FOR A FINAL INSPECTION. AFTER THE FINAL INSPECTION IS MADE, THE CONTRACTOR WILL RECEIVE A LIST OF ITEMS REQUIRING ADJUSTMENT, CORRECTION, REPLACEMENT, OR COMPLETION. THE CONTRACTOR SHALL COMPLY COMPLETELY WITH ALL THE LISTED REQUIREMENTS WITHIN THIRTY (30) DAYS OF THE RECEIPT OF LIST. SHOULD THE CONTRACTOR FAIL TO PERFORM WITHIN THIS TIME LIMIT, THE PROJECT ENGINEER AND/OR OWNER RESERVES THE RIGHT TO HAVE THE WORK COMPLETED BY OTHERS AND THE COST DEDUCTED FROM THE CONTRACT PRICE.

GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS SUPPLIED BY HIM FOR ONE (1) YEAR AFTER ACCEPTANCE OF THE WORK IN HIS CONTRACT. IF, DURING THE GUARANTEE PERIOD, ANY DEFECTS OF FAULTY MATERIALS ARE FOUND, HE SHALL CORRECT IMMEDIATELY AND REPAIR ANY DAMAGE TO OTHER MATERIALS OR INSTALLATIONS CAUSED BY THE DEFECT.

EXTENDED WARRANTIES: WHEN EQUIPMENT IS FURNISHED BY THE CONTRACTOR, OR MANUFACTURER, WITH A WARRANTY LONGER THAN ONE (1) YEAR, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A COPY ALONG WITH RECEIPTS OR OTHER DOCUMENTS NECESSARY FOR FUTURE WARRANTY REPAIRS. UNLESS OTHERWISE REQUIRED, EXTENDED WARRANTIES ARE FOR EQUIPMENT ONLY, NOT MATERIALS OR LABOR TO INSTALL.

MATERIALS AND EQUIPMENT: ALL EQUIPMENT AND MATERIALS TO BE INCORPORATED IN THIS CONTRACT WORK SHALL BE NEW AND OF THE MAKES AND TYPES AS SPECIFIED AND CONTRACTED FOR. NO REMOVED EQUIPMENT SHALL BE RE-INSTALLED OR RE-USED.

INSTALLATION: INSTALLATION OF ALL MATERIAL ITEMS OR EQUIPMENT AS SHOWN ON DRAWINGS OR DESCRIBED IN SPECIFICATIONS SHALL CONFORM AS NEARLY AS POSSIBLE TO MANUFACTURER'S RECOMMENDED PROCEDURE, UNLESS DESIGNATED OTHERWISE. SHOULD SELECTION OF APPROVED ALTERNATE EQUIPMENT REQUIRE REVISIONS, THIS CONTRACTOR SHALL MAKE ALL CHANGES TO ACCOMMODATE SUCH EQUIPMENT. CONTRACTOR SHALL PREPARE DRAWINGS OF REVISIONS FOR APPROVAL BY PROJECT ENGINEER PRIOR TO BEGINNING WORK. CHANGES AND DRAWINGS SHALL BE MADE AT NO CHANGE IN CONTRACT AMOUNT.

REGULATIONS, CODES AND STANDARDS: THIS CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES AND PAY ALL FEES IN CONNECTION WITH SAME FOR WORK PERFORMED UNDER DIVISION 15.

OPENINGS, CHASES AND RECESSES: THIS CONTRACTOR SHALL GIVE GENERAL CONTRACTOR, IN SUFFICIENT TIME, ALL DIMENSIONS NEEDED FOR THE PROPER CONSTRUCTION AND LOCATION OF FORMS, CHASSES AND OTHER OPENINGS WHICH MAY BE REQUIRED FOR THE INSTALLATION OF ALL EQUIPMENT, PIPE, DUCTS AND MATERIALS UNDER THIS CONTRACT.

PROTECTION OF EQUIPMENT: PROTECT AGAINST INJURY FROM WEATHER ALL BUILDING MATERIALS, SUPPLIES, TOOLS, EQUIPMENT, AND FIXTURES INSTALLED OR TO BE INSTALLED, WITH SUITABLE AND SUBSTANTIAL COVERS. COST OF REPLACING OR REPAIRING EQUIPMENT AND FIXTURES MADE NECESSARY BY FAILURE TO PROVIDE SUITABLE PROTECTION SHALL BE PAID BY THIS CONTRACTOR. RESPONSIBILITY FOR THE CARE AND PROTECTION OF MECHANICAL EQUIPMENT AND WORK SHALL REMAIN WITH THIS CONTRACTOR UNTIL IT HAS BEEN TESTED AND ACCEPTED. PROTECT EQUIPMENT OUTLETS, PIPE, DUCT, AND CONDUIT OPENINGS WITH TEMPORARY PLUGS, CAPS, OR APPROVED DEVICES.

CLEANING: AFTER ALL FIXTURES, MATERIALS, AND APPARATUS HAVE BEEN SET AND READY FOR USE, AND BEFORE THIS CONTRACTOR LEAVES THE JOB, HE SHALL THOROUGHLY CLEAN ALL EQUIPMENT FURNISHED AND SET BY HIM REMOVING ALL STICKERS, RUST STAINS, GREASE, CEMENT, AND OTHER FOREIGN MATTER OR DISCOLORATION ON EQUIPMENT, LEAVING EVERY PART IN ACCEPTABLE CONDITION, READY FOR USE. CONTRACTOR SHALL REMOVE FROM THE SITE ALL DEBRIS RESULTING FROM HIS WORK, LEAVING BUILDING IN CLEAN CONDITION, SUITABLE FOR OCCUPANCY.

UTILITY COMPANIES:

CONTACT UTILITY COMPANIES AND ADVISE OF PROPOSED WORK PRIOR TO THE START OF ANY EXCAVATION.

CONDUIT AND FITTINGS:

ALL CONDUIT SHALL BE THINWALL WITH SET SCREW FITTINGS. ALL CONNECTORS SHALL HAVE INSULATED BUSHINGS OR THROAT-TYPE BUSHINGS.

SURFACE RACEWAY SHALL BE WIREMOLD NO. 500 OR NO. 700.

UNDERGROUND RACEWAY:

RNC, TYPE EPC-40-PVC COMPLYING WITH NEMA TC2 AND UL 651 DIRECT BURIED. MINIMUM BURIAL DEPTH OF 18".

BOXES AND COVERS:

ALL BOXES SHALL BE OF PROPER SIZE AND SHAPE FOR ALL CONDUITS AND CONDUCTORS ENTERING THEM.

CABLE AND WIRE:

ALL WIRE SHALL HAVE COPPER CONDUCTORS AND BE LISTED BY UNDERWRITERS LABORATORIES, INC. ALL WIRE SHALL BE TYPE THWN 75°C. INSULATION FOR SIZES NO. 6 TO 500 MCM AND TYPE THHN 90°C. INSULATION FOR SIZES NO. 12 TO NO. 8.

ELECTRICAL WIRING DEVICES:

SCHEDULE OF ALL ELECTRICAL DEVICES:

DEVICE	MANUFACTURER'S NAME AND CATALOG NUMBER	RATING
SINGLE POLE SW.	HUBBELL #1221-I BRYANT #490-I A-H #1991-I	20 AMP @ 120 V.
THREE WAY SW.	HUBBELL #1223-I BRYANT #4903-I A-H #1993-I	20 AMP @ 120 V.
DUPLEX CONVENIENCE OUTLET	HUBBELL #5352-I BRYANT #5362-I A-H #5739-S-I	20 AMP @ 120 V.
DUPLEX GROUND FAULT CIRCUIT INTERRUPTING	HUBBELL #GF5552-I BRYANT #GF5352-I A-H #GF5352-I GROUND	20 AMP @ 120 V.
SIMPLEX 30A	BRYANT #9630FR	30 AMP @ 240V.

FLOOR BOXES SHALL BE TAMPER RESISTANT COMBINATION POP-UP BOX WITH DUPLEX RECEPTACLE AND DATA PORTS, WATER TIGHT GASKET, NICKEL PLATE BRASS FINISH.

WET LOCATION RECEPTACLES SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED.

ALL DEVICES AND COVERS TO BE WHITE.

WIRING DEVICE PLATES:

ALL DEVICE PLATES SHALL BE FURNISHED WITH PROPER OPENINGS FOR THE DEVICE WITH WHICH IT IS BEING USED. WHERE REQUIRED, MULTIPLE GANG PLATES FOR CORRECT COMBINATION SHALL BE USED WITH THE PROPER OPENING FOR THE DEVICE WITH WHICH THEY ARE BEING USED. THE PLATES SHALL BE COLOR AS SELECTED BY ARCHITECT.

OPENINGS IN CONSTRUCTION:

OPENINGS BETWEEN CONDUIT AND FLOORS OR WALLS THROUGH FIRE OR SMOKE BARRIERS SHALL BE CLOSED WITH FIRE STOP MATERIAL TO MAINTAIN FIRE OR SMOKE BARRIER RATING. FIRE STOP MATERIAL SHALL BE DOW CORNING 3-6548 SILICONE RTV FOAM, CHASE TECHNOLOGY CORP. CTC PR-855 FIRE RESISTANT FOAM SEALANT, 3M 303 FIRE BARRIER, 7 & 8 SHOT FIRE BARRIER OR NELSON FLAMESEAL.

INSTALLATION OF RACEWAYS AND CONDUITS:

ALL CONDUIT SHALL BE CONCEALED IN WALL CONSTRUCTION AND/OR ABOVE CEILING CONSTRUCTION EXCEPT IN MECHANICAL EQUIPMENT ROOMS, WHERE IT MAY BE EXPOSED AT THE CEILING OR ON WALLS. THE ROUTING OF CONDUIT SHOWN ON THE DRAWINGS IS DIAGRAMMATIC ONLY, AND THIS CONTRACTOR SHALL INSTALL CONDUIT AS REQUIRED TO COMPLETE THE SYSTEMS SO AS NOT TO INTERFERE WITH OTHER TRADES IN BOTH ELEVATION AND LOCATION. INSTALL FLEXIBLE CONDUIT FOR FINAL CONNECTIONS FOR ALL RECESSED LIGHTING FIXTURES, (FLUORESCENT AND INCANDESCENT), AND ALL VIBRATION GENERATING EQUIPMENT EXCEPT WHERE FLEXIBLE LIQUID-TIGHT IS SPECIFICALLY CALLED FOR. A MAXIMUM LENGTH OF FLEXIBLE STEEL CONDUIT SHALL BE LIMITED TO 6'-0".

INDOOR OCCUPANCY / VACANCY SENSORS:

OCCUPANT SENSOR CONTROLS WILL BE INSTALLED IN THE FOLLOWING SPACE TYPES, CLASSROOMS, LECTURE/TRAINING ROOMS, CONFERENCE/MEETING/MULTIPURPOSE ROOMS, COPY/PRINT ROOMS, LOUNGES/BREAK ROOMS, ENCLOSED OFFICES, OPEN PLAN OFFICE AREAS, RESTROOM, STORAGE ROOMS, LOCKER ROOMS, OTHER SPACES 300 SQUARE FEET OR LESS THAT ARE ENCLOSED BY FLOOR TO CEILING HEIGHT PARTITIONS, AND WAREHOUSES. THESE CONTROLS SHALL AUTOMATICALLY TURN OFF LIGHTS WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE. SHALL TURN THE LIGHTING ON TO NOT MORE THAN 50 PERCENT POWER, AND HAVE A MANUAL CONTROL TO ALLOW OCCUPANTS TO TURN LIGHTS OFF.

WALL-SWITCH SENSOR: 180 DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 2,100 SQ. FT. PIR SENSING TECHNOLOGY. SP SWITCH VACANCY SENSOR MANUAL ON. ACCEPTABLE MANUFACTURERS: COOPER HUBBELL, LEVITON, SENSOR SWITCH, LUTRON, NSI, WATT STOPPER

CEILING SENSOR - STANDARD RANGE: 360 DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 450 SQ. FT. PIR SENSING TECHNOLOGY, ACCEPTABLE MANUFACTURERS: COOPER HUBBELL, LEVITON, SENSOR SWITCH, LUTRON, NSI, WATT STOPPER.

CEILING SENSOR - EXTENDED RANGE: 360 DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 2,400 SQ. FT. PIR SENSING TECHNOLOGY. ACCEPTABLE MANUFACTURERS: COOPER HUBBELL, LEVITON, SENSOR SWITCH, LUTRON, NSI, WATT STOPPER.

CEILING SENSOR - HIGH BAY: 360 DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 2500 SQ. FT. AT MOUNTING HEIGHTS OF UP TO 45 FT, PIR SENSING TECHNOLOGY. ACCEPTABLE MANUFACTURERS: COOPER HUBBELL, LEVITON, SENSOR SWITCH, LUTRON, NSI, WATT STOPPER.

LIGHTING TIMER CONTROLS

INTERMATIC ET110C OR SIMILAR 24-HOUR 1-CIRCUIT ELECTRONIC CONTROL, 120-277 VAC, 60 HZ, SPST INDOOR METAL ENCLOSURE TO ALLOW FOR UP-TO-THE-MINUTE PROGRAMMING, 7-DAY ASTRONOMIC, BATTERY BACKUP FOR POWER LOSS, UP TO 28 EVENTS TOTAL, AND AUTOMATIC DAYLIGHT SAVING TIME CORRECTIONS WITHOUT THE NEED OF USER INTERVENTION.

WIRING JOINTS:

MAKE ALL BRANCH CIRCUIT JOINTS FOR WIRE UP TO AND INCLUDING NO. 10 AWG WITH EXPANDABLE STEEL SPRING AND POLYPROPYLENE BODY-TYPE CONNECTORS AND WIRE NUTS MANUFACTURED BY IDEAL, SCOTCH, BUCHANAN OR ARCHITECT/ENGINEER APPROVED EQUAL.

HEIGHTS OF WALL SWITCHES AND RECEPTACLES:

FOR ADDITIONS OR ALTERATIONS, DETERMINE THE EXACT HEIGHT OF EACH LIGHT, RECEPTACLE OUTLETS, AND OUTLET BOXES ON THE PREMISES AND EXAMINE THE GENERAL DRAWINGS AND DETAILS TO SEE THAT OUTLETS ARE PROPERLY SPACED AND LOCATED WITH RELATION TO THE INTERIOR FINISH AND TREATMENT. MOUNTING HEIGHTS SHALL BE HELD AS NEAR AS POSSIBLE TO THE CENTERLINE OF THE EQUIPMENT. FOR NEW CONSTRUCTION, SEE TABLE ON FIRST E-SHEET.

TELEPHONE/DATA CONDUIT SYSTEM:

IN GENERAL, ALL OUTLETS SHOWN SHALL HAVE A 1" EMPTY CONDUIT STUBBED INTO CORRIDOR CEILING OR INTO CEILING SPACE WHERE THE CEILING TILE IS REMOVABLE. THE CONDUITS SHALL BE STUBBED

INTO AREAS THAT ARE ACCESSIBLE FOR INSTALLATION OF TELEPHONE CABLES. THE CONDUIT STUBS SHALL BE FURNISHED WITH PLASTIC BUSHINGS.

IN CERTAIN AREAS WHERE THE CEILINGS ARE PLASTER OR CONCEALED SPLINE TILE, A COMPLETE CONDUIT SYSTEM FROM OUTLET TO TERMINAL CABINETS SHALL BE INSTALLED. ALL TELEPHONE/DATA OUTLETS SHALL BE FURNISHED WITH BLANK COVERPLATES. THE COVERPLATES SHALL BE OF THE SAME MATERIAL AND FINISH AS OTHER DEVICE PLATES IN THE PROJECT.

ALL TELEPHONE/DATA OUTLETS SHALL BE 4" X 4" X 2-1/8" DEEP BOXES WITH SINGLE SQUARE CUT COVER. INSTALL ALL CONDUITS WITH NYLON PISH LINES TO FACILITATE THE EASY INSTALLATION OF TELEPHONE CABLES. ALL OUTLETS SHALL BE MOUNTED AS NOTED ELSEWHERE IN THIS SPECIFICATIONS, EXCEPT FOR UNITS INDICATED AS WALL OUTLETS WHICH SHALL BE MOUNTED 48" ABOVE THE FLOOR. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DATA AND PHONE CABLING.

GROUNDING:

PROVIDE A GROUND WIRE IN ALL RACEWAYS. PROVIDE A NEUTRAL WIRE AT EACH SWITCH BOX LOCATION. ALL RECEPTACLES REQUIRE A PIGTAIL GROUNDING WIRE TO THE BOX.

INSTALL ALL OUTLETS WITH A GREEN JUMPER WIRE FROM THE GROUND TERMINAL OF THE OUTLET TO A GROUNDING LUG IN THE OUTLET BOX. INSTALL SEPARATE GREEN GROUND WIRE (IN ADDITION TO BRANCH CIRCUIT CONDUCTORS) AND BOND TO ELECTRICAL EQUIPMENT WHERE FLEXIBLE METAL CONDUIT AND LIQUID TIGHT FLEXIBLE CONDUIT IS USED AS A FINAL CONNECTION TO ELECTRICAL EQUIPMENT, BOND THE GREEN CONDUCTOR TO CONDUIT SYSTEM IN THE LAST JUNCTION BOX AND TO ALL ELECTRICAL EQUIPMENT, I.E., LIGHTING FIXTURES, MOTORS AND OTHER EQUIPMENT.

THE COMPLETE GROUNDING SYSTEM SHALL BE DONE WITH GROUNDING CONDUCTORS THROUGHOUT THE ENTIRE PROJECT INSTALLATION. SEPARATE GROUNDING CONDUCTORS FOR ALL BRANCH CIRCUITS ARE NOT SHOWN ON THE DRAWINGS BUT SHALL BE INCLUDED IN ALL RACEWAYS AS IF SET FORTH ON THE DRAWINGS. SEPARATE GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL BRANCH CIRCUITS. GROUNDING CONDUCTORS SHALL BE INSTALLED IN THE SAME CONDUIT RUNS AS THE PHASE AND NEUTRAL CONDUCTORS. THE SIZE OF THE GROUNDING CONDUCTORS SHALL BE IN STRICT ACCORDANCE WITH TABLE NO. 250-122 OF THE NATIONAL ELECTRICAL CODE.

BONDING:

PROVIDE BONDING JUMPER BETWEEN HOT AND COLD WATER PIPES WITH A JUMPER SIZED ACCORDING TO NEC TABLE 250.102.

DISCONNECT SWITCHES:

ALL DISCONNECT SWITCHES SHALL BE HEAVY-DUTY MULTIPLE POLE ENCLOSED-TYPE SAFETY SWITCHES. ALL SWITCHES SHALL BE THE FUSIBLE TYPE WITH REJECTION-TYPE FUSE CLIPS.

ALL SWITCHES SHALL BE NEMA 1 OR 3R ENCLOSURES AND SHALL BE UL LISTED.

EACH DISCONNECT SWITCH SHALL BE FURNISHED WITH AN ENGRAVED PLASTIC OR METAL STRIP AS SPECIFIED UNDER "IDENTIFICATION OF EQUIPMENT" PERMANENTLY ATTACHED TO OUTSIDE COVER, INDICATING EQUIPMENT OR EQUIPMENT CONTROLLED, SUCH AS FAN EF-1. NUMBER SHALL BE THE SAME AS THOSE ON DRAWINGS AND TEMPERATURE CONTROL DIAGRAMS.

ENCLOSED CIRCUIT BREAKERS:

PROVIDE INDIVIDUALLY ENCLOSED MOLDED CASE CIRCUIT BREAKERS AS SHOWN ON THE PLANS. ALL CIRCUIT BREAKERS SHALL MEET FEDERAL SPECIFICATION W-C-375B AND BOTH CIRCUIT BREAKER AND THE ENCLOSURE SHALL BE UL LISTED.

MOLDED CASE CIRCUIT BREAKERS SHALL HAVE OVERCENTER TOGGLE-TYPE MECHANISMS, PROVIDING QUICK-MAKE, QUICK-BREAK ACTION. BREAKERS SHALL BE CALIBRATED FOR OPERATION IN AN AMBIENT TEMPERATURE OF 40° C. EACH CIRCUIT BREAKER SHALL HAVE TRIP INDICATION BY HANDLE POSITION AND SHALL BE TRIP-FREE. THREE POLE BREAKERS SHALL BE COMMON TRIP. EACH CIRCUIT BREAKER SHALL HAVE A PERMANENT TRIP UNIT CONTAINING INDIVIDUAL THERMAL AND MAGNETIC TRIP ELEMENTS IN EACH POLE.

CIRCUIT BREAKERS WITH FRAME SIZES GREATER THAN 100 AMPERES SHALL HAVE VARIABLE MAGNETIC TRIP ELEMENTS WHICH ARE SET BY A SINGLE ADJUSTMENT. A BUTTON SHALL BE PROVIDED ON THE COVER FOR MECHANICALLY TRIPPING THE CIRCUIT BREAKER. THE CIRCUIT BREAKERS SHALL BE CONSTRUCTED TO ACCOMMODATE THE SUPPLY CONNECTIONS AT EITHER END OF THE CIRCUIT BREAKER.

BREAKERS SHALL BE UL LISTED WITH A SHORT CIRCUIT CURRENT RATING OF 42,000 RMS SYMMETRICAL AMPERES.

NEUTRALS SHALL BE FURNISHED IN DEVICE ENCLOSURE. NEUTRALS SHALL BE INSULATED AND ARE TO BE GROUNDABLE FOR USE IN SERVICE ENTRANCE APPLICATIONS.

ENCLOSURES SHALL BE NEMA 1 FURNISHED WITH KNOCKOUTS WHERE PRACTICAL AND SHALL BE FABRICATED FROM SHEET STEEL WHICH CONFORMS TO UL 50. THE ENCLOSURE SHALL BE GIVEN AN ELECTRO DEPOSITED, GRAY BAKED ENAMEL FINISH. PADLOCKING PROVISIONS SHALL BE PROVIDED TO ALLOW LOCKING THE CIRCUIT BREAKER IN THE "OFF" POSITION. ENCLOSURES SHALL BE UL LISTED.

ENCLOSED BREAKERS SHALL BE MANUFACTURED BY SQUARE D, GENERAL ELECTRIC OR SIEMENS ITE.

FORWARD SUBMITTALS TO ARCHITECT/ENGINEER FOR REVIEW.

INTERIOR LIGHT FIXTURES:

FURNISH EACH FIXTURE WITH LAMPS AS NOTED ON THE FIXTURE SCHEDULE. ALL FIXTURES SHALL BE CSA LISTED.

PROVIDE ALL LIGHT FIXTURES AS SHOWN ON THE DRAWINGS AND AS HEREINAFTER SPECIFIED.

ALL RECESSED FIXTURES SHALL BE SUITABLE FOR INSTALLATION IN THE CEILING AND/OR THE SUSPENSION SYSTEM THEY ARE TO BE INSTALLED IN. CHECK THE FIXTURE TYPES AGAINST THE APPROVED TYPE OF CEILING MATERIAL IN EACH ROOM AND INSTALL THE PROPER FLUORESCENT FIXTURE TRIMS TO FIT THE CEILING SUSPENSION SYSTEM.

ALL FIXTURES SHALL BE SUITABLE FOR OPERATION AT 120 VOLT, (277 VOLT) 60 HERTZ UNLESS OTHERWISE NOTED ON THE FIXTURE SCHEDULE.

FIXTURES SHALL HAVE SPECIFIED FINISH. WHERE FINISH IS NOT MENTIONED, IT SHALL BE OBTAINED FROM THE ARCHITECT/ENGINEER.

FORWARD A BOUND BROCHURE OF ALL LIGHTING FIXTURES INDICATING FIXTURE TYPES, FINISHES, LAMPS, DETAILS, ETC. TO THE ARCHITECT/ENGINEER FOR REVIEW. SEE LIGHT FIXTURE SCHEDULE ON THE DRAWINGS FOR ADDITIONAL INFORMATION.

LED FIXTURES:

LED FLAT PANEL FIXTURES: SEAMLESS ALUMINUM FRAME, SATIN WHITE LENS WITH FULLY LUMINOUS APPEARANCE. T-BAR CLIPS FOR INSTALLATION INTO 15/16" T-GRID CEILINGS. LONG-LIFE LED'S, HIGH-EFFICIENCY DRIVER, 70% LED LUMEN MAINTENANCE AT 60,000 HOURS. 0-10V DIMMING DRIVER, DIMS TO 10%.

LOW PROFILE VOLUMETRIC FIXTURES: CENTER BASKET DESIGN. HIGH REFLECTIVE MATTE WHITE POWDER PAINT FINISHED REFLECTOR. END PLATES WITH T-BAR CLIPS. 80% LED LUMEN MAINTENANCE AT 60,000 HOURS.

CSA CERTIFIED TO MEET US AND CANADIAN STANDARDS. 5-YEAR LIMITED WARRANTY.

EXIT LIGHTING SYSTEM:

CONNECT ALL EXIT LIGHTING UNITS TO AN UNSWITCHED CIRCUIT ORIGINATED FROM THE SAME BRANCH CIRCUIT AS THAT SERVING NORMAL LIGHTING IN THE LOCAL AREA.

ALL EXIT FIXTURES AS NOTED IN LIGHT FIXTURE SCHEDULE ON THE DRAWINGS SHALL BE OF THE SELF-CONTAINED TYPE WITH THE FOLLOWING ITEMS:

1. MAINTENANCE FREE, RECHARGEABLE, NICKEL CADMIUM BATTERY HAVING A 10 YEAR LIFE RATING AND WARRANTY AND CAPABLE OF POWERING THE CONNECTED LAMPS FOR 1½ HOURS TO 87-1/2% OF INITIAL NOMINAL BATTERY VOLTAGE.
2. AUTOMATIC CHARGER WITH MULTI-RATE, SOLID-STATE RECTIFIER WITH SENSING DEVICE AND CHARGE TRANSFORMER TO CHARGE THE BATTERY TO 100% OF BATTERY CAPACITY WITHIN 12 HOURS FOLLOWING FULL RATED LOAD DISCHARGE TO 87-1/2% NOMINAL VOLTAGE.
3. TEST SWITCH TO SIMULATE A POWER FAILURE AND TO CYCLE THE CHARGING CIRCUIT.
4. AUTOMATIC TRANSFER SWITCH TO IMMEDIATELY ENERGIZE ALL LAMPS CONNECTED TO UNIT UPON FAILURE OF NORMAL POWER.
5. PILOT AND READY LIGHT.
6. MOUNT INTEGRAL BATTERY AND CHARGER EMERGENCY PACK WITHIN THE EXIT HOUSING AND ACCESSIBLE FOR SERVICE WITH-OUT REMOVING EXIT SIGN FROM ITS MOUNTING.
7. LED LAMPS.

THESE UNITS SHALL BE FULLY AUTOMATIC WITH SOLID-STATE SWITCHING. UPON NORMAL AC POWER FAILURE, TWO EMERGENCY LAMPS WILL OPERATE ON BATTERY POWER FOR THE MINIMUM DESIGNED 1½ HOURS WITHOUT REDUCING BATTERY VOLTAGE LOWER THAN 87-1/2% OF NOMINAL RATED VOLTAGES AS REQUIRED BY NEC AND OSHA. UPON RESTORATION OF REGULAR POWER SUPPLY, THE UNIT SHALL SWITCH BACK TO NORMAL MODE AND CHARGER SHALL REPLENISH BATTERY WITHIN 24 HOURS.

FORWARD SUBMITTALS TO ARCHITECT/ENGINEER FOR REVIEW.

BATTERY-OPERATED EMERGENCY LIGHT (SURFACE):

CONNECT ALL BATTERY OPERATED EMERGENCY LIGHTING UNITS TO AN UNSWITCHED CIRCUIT ORIGINATED FROM THE SAME BRANCH CIRCUIT AS THAT SERVING NORMAL LIGHTING IN THE LOCAL AREA.

PROVIDE WHERE SHOWN ON THE DRAWINGS, SURFACE SELF-CONTAINED, BATTERY-OPERATED EMERGENCY LIGHTING UNIT.

THE SURFACE, BATTERY-OPERATED EMERGENCY LIGHTING UNITS SHALL BE SUITABLE FOR CEILING MOUNTING WITH PROPER MOUNTING BRACKETS AT A HEIGHT AS INDICATED ON THE DRAWINGS. UNIT SHALL HOUSING SHALL BE THERMOPLASTIC. UNIT SHALL HAVE REMOVABLE COVER TO PROVIDE FULL ACCESS TO BATTERY, CHARGER, FUSES, WIRING AND OTHER COMPONENTS. FINISH SHALL BE MATTE WHITE AND CHROME LAMP-HEADS.

THE SURFACE BATTERY-OPERATED, EMERGENCY LIGHTING UNITS SHALL BE COMPLETE WITH THE FOLLOWING:

I. TWO ADJUSTABLE LED LAMP-HEADS.
2. 36W PERMLUM GRADE, NICKEL CADMIUM BATTERY WITH 10 YEAR EXPECTED LIFE.
3. ENVIRONMENTALLY COATED, SOLID STAGE CHARGER; LOW VOLTAGE DISCONNECT.
4. FULLY ADJUSTABLE 15WATT, GLARE-FREE LIGHTING HEADS.
5. INJECTION-MOLDED, FLAME RETARDANT, HIGH IMPACT, THERMOPLASTIC HOUSING.
6. LOW-PROFILE TEST SWITCH AND LED CHARGE RATE INDICATOR LIGHT
7. REGULATED CHARGE VOLTAGE
8. A.C. LOCKOUT
9. OVERLOAD/SHORT CIRCUIT PROTECTION
10. BROWN OUT PROTECTION
11. UL 924 LISTED.

CONNECT UNIT TO AN UNSWITCHED 120 VOLT CIRCUIT. THIS CIRCUIT SHALL BE THE SAME CIRCUIT THAT SERVES THE CORRIDOR OR AREA LIGHTING.

FORWARD SUBMITTALS TO ARCHITECT/ENGINEER FOR REVIEW.

SUPPORT FOR LIGHT FIXTURES:

SUPPORT ALL FIXTURES FROM THE BUILDING STRUCTURE AND NOT FROM THE CEILING SUSPENSION SYSTEM (SUCH AS A T-BAR SYSTEM FOR A SUSPENDED ACOUSTICAL TILE CEILING). SUPPORT THE FIXTURES FROM THE BAR JOISTS, FLOOR STRUCTURE OR ROOF STRUCTURE ABOVE WITH 12 GAUGE ZINC COATED STEEL WIRE. INSTALL MINIMUM OF TWO HANGERS FOR EACH FIXTURE. WHERE A FIXTURE

OCCURS UNDER DUCTS, THE WIDTH OF DUCT SHALL BE SPANNED WITH METAL FRAMING CHANNEL, SUSPENDED AND SUPPORTED AT BOTH ENDS AND THE FIXTURE ATTACHED TO THE METAL FRAMING CHANNEL.

WHERE RECESSED FIXTURES OCCUR IN GRID SYSTEM FIXTURES SHALL BE SECURELY FASTENED TO THE GRID SYSTEM MEMBERS WITH SAFETY TEE BAR CLIPS. FURNISH AND INSTALL 4 CLIPS PER FIXTURE.

FIRE ALARM DEVICES:

VISUAL SIGNAL APPLIANCES SHALL BE PROVIDED IN EACH OF THE FOLLOWING AREAS: MEETING ROOMS, RESTROOMS, HALLWAYS, LOBBIES, AND ANY OTHER GENERAL OR COMMON USE AREAS. BATHROOMS SHALL ALSO REQUIRE VISUAL ALARMS.

PLOT DATE: 3/4/2025 3:57 PM PLOTTED BY: RYAN MCCARTHY

MUNICIPAL APPROVAL STAMP

NOT FOR CONSTRUCTION

WOODHOUSE™

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WILMINGTON, NC 28105

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PROJECT

90% REVIEW SET
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