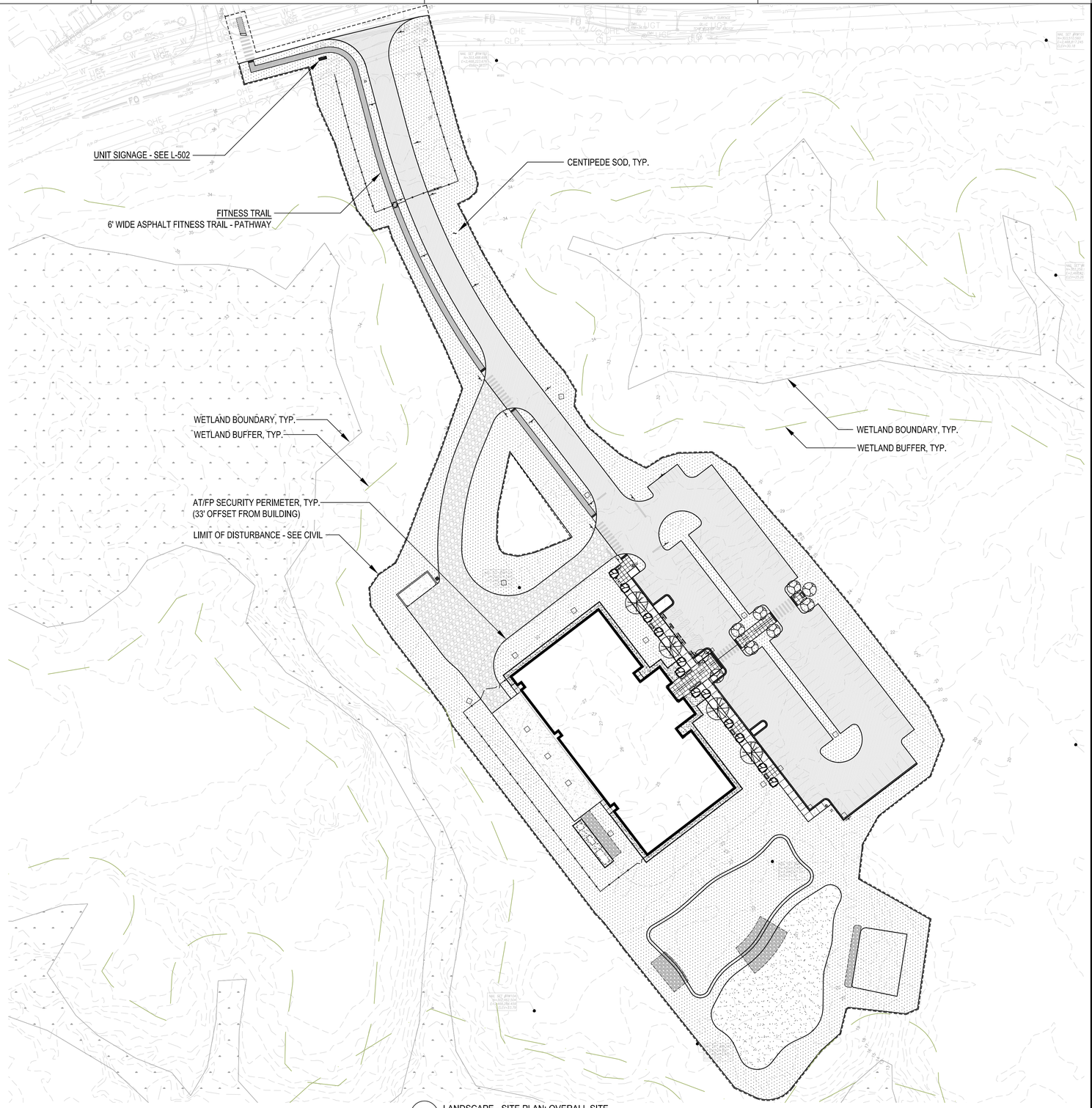


A1 LANDSCAPE - SITE PLAN: OVERALL SITE
SCALE 1" = 60' 0' 30' 60' 120'

GENERAL SHEET NOTES

NOTES:

1. TURFGRASS LIMITS ARE FOR ESTIMATION AND BIDDING PURPOSES ONLY. UNLESS OTHERWISE DESIGNATED, ALL DISTURBED AREAS MUST BE SODDED.
2. ALL TIMBER ON THE PROJECT SITE NOTED FOR CLEARING AND GRUBBING MUST BECOME THE PROPERTY OF THE CONTRACTOR, AND MUST BE REMOVED FROM THE PROJECT SITE. SEE SHEET CD101 FOR MORE INFORMATION.
3. MCBCL FOREST MANAGEMENT PROGRAM REQUIRES THAT TREE LOSS BE MITIGATED THROUGH REPLACEMENT FUNDS BY CONTRACTOR.

CONTACT: AUSTIN POWELL
FOREST MANAGEMENT
MCB CAMP LEJEUNE
OFFICE: (910) 451-7223; CELL: (910) 546-4565
thomas.a.powell@usmc.mil

NEW WORK KEYNOTES

LEGEND:

TURFGRASS: CENTIPEDE SOD

LIMIT OF DISTURBANCE

N

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 DAVID HOWELL WEST 06-25-20 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW DRW DHW CHK RH
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

LANDSCAPE - SITE PLAN: OVERALL SITE

SCALE: 1" = 60'-0"
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794276
SHEET 57 OF 228

L-101

DRAWFORM REVISION: 17 APRIL 2018

FILE NAME: \\clt-archfs-v1\Revit-temp\7315\101368813\6.0_CAD_BIM\6.2_WIP\LA\POST MOD_FINAL\25 JUNE 2020 - FINAL SEAL\P1395-L-101.dwg LAYOUT NAME: LS-101-60 PLOTTED: Thursday, June 25, 2020 - 10:53am USER: DWEST

SECURITY FENCING & GATES, TYP. SEE CIVIL DRAWINGS
DUMPSTER PAD AND ENCLOSURE
DESIGNATED SMOKING AREA; SEE NOTE 1
ASH RECEPTACLE
6" CONCRETE HEADER CURB W/ GRANULAR MULCH INFILL, TYP.
CLEAR ZONE (INSIDE SECURITY FENCING)
AT/FP SECURITY PERIMETER (33' UNOBSTRUCTED ZONE)
CONCRETE LANDING
EXTEND TO EDGE
5.5'
ROOF OVERHANG, TYP.
CONCRETE LANDING
11.0'
5.5'
5.5'
A2 L-501
C2 L-501
GRANULAR MULCH, TYP. (SMOOTH RIVER STONE)
CONCRETE HEADER CURB, TYP.
5' C.I.P. CONC. LANDING
GRANULAR MULCH, TYP. (SMOOTH RIVER STONE)
5.5'
8.0'
20.0'
8.0'
5.5'
8.0' 44.4' +/- 8.0' 12.0' 8.0' 32.0' 8.0' 12.0' 8.0' 32.0' 8.0' 8.0' 32.0' 8.0' 12.0' 8.0' 32.0' 8.0' 12.0' 8.0'
8.0'
8.0'
6' WIDTH FITNESS TRAIL
T.R.
BIKE RACKS (3)
8.0'
12.0'
8.0'
6' BENCH, TYP. (1+1+1)
C.I.P. CONC. SEATING AREA, TYP. (4X4 SCORED GRID)
GROUNDCOVER PLANTINGS, TYP.
6' BENCH, TYP. (2+2)
DESIGNATED PARKING
ACCESSIBLE PARKING
6' BENCH (1)
C.I.P. CONC. PLAZA, TYP. (4X4 SCORED GRID)
TRASH RECEPTACLE, TYP.; "T.R." (1+1+1)
A4 L-502
ACCESSIBLE ENTRANCE PLAZA (4x4 SCORED GRID)
12.0' DEFINED CROSSWALK
EXTENDED PLAZA: 12' WIDE C.I.P. CONCRETE; 4x4 SCORED GRID, TYP. (ACCESSIBLE)
B4 L-501
C.I.P. CONC. SEATING AREA, TYP. (4X4 SCORED GRID)
TRASH RECEPTACLE (1)
6' BENCH (1)
12.0'
12.0'

A1 LANDSCAPE - ENLARGEMENT: ENTRANCE
SCALE 1" = 20' 0' 10' 20' 40'

GENERAL SHEET NOTES

NOTES:

1. DESIGNATED SMOKING AREA - ESTABLISH NO CLOSER THAN 50' FROM ANY POINT OF INGRESS AND EGRESS AND MECHANICAL INTAKE; PERMANENTLY INSTALL ASH RECEPTACLE ON CONCRETE PAD.

NEW WORK KEYNOTES

LEGEND:

GROUNDCOVER - A

GROUNDCOVER - B

INORGANIC STONE MULCH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 DAVID HOWELL WEST 06-25-20 SEAL

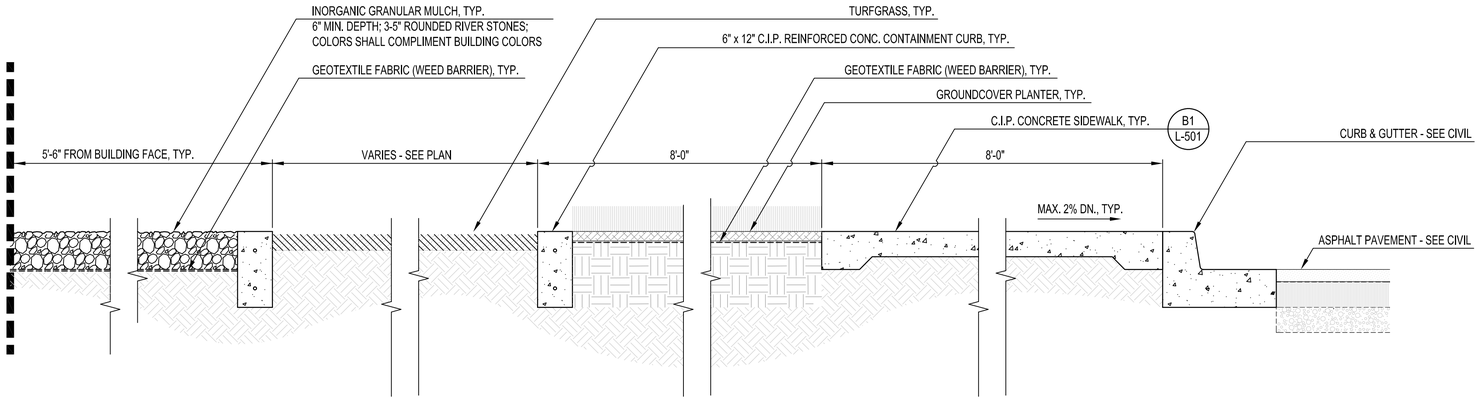
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
Jason J. Sylvester, P.E.
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW DRW DHW CHK RH
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

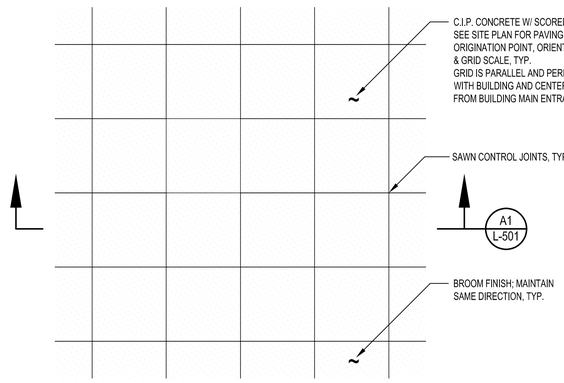
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
LANDSCAPE - ENLARGEMENT: MAIN ENTRANCE

SCALE: 1" = 20'-0"
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794277
SHEET 58 OF 228
L-401
DRAWFORM REVISION: 17 APRIL 2018

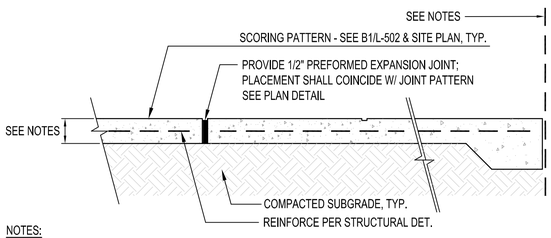
FILE NAME: \\victorchrv1\Newformo\7315\101368\3\6.0_CAD_BIM\6.2_WIP\LA\POST MOD_FINAL\25 JUNE 2020 ~ FINAL SEAL\P1395~L-401.dwg LAYOUT NAME: L-401 20 PLOTTED: Thursday, June 25, 2020 ~ 10:56am USER: DWEST



C2 SIDEWALK - PLANTER - STONE MULCH - SECTION, TYP.
SCALE: N.T.S.

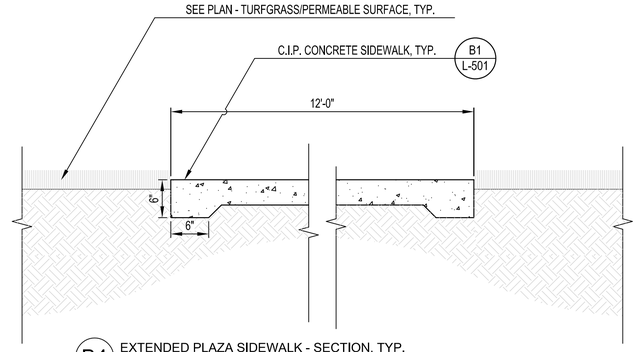


B1 C.I.P. SCORED CONCRETE PAVING - PLAN, TYP.
SCALE: N.T.S.

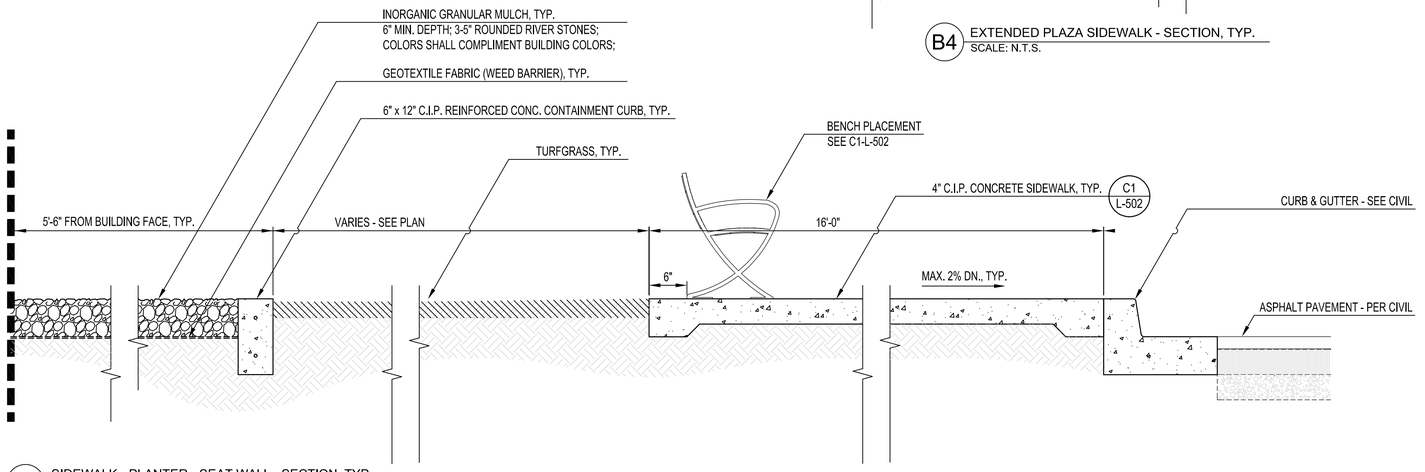


NOTES:
1. EDGE CONDITION VARIES W/ LOCATION - PARKING LOT, WALL, OR CONTAINMENT CURB; PROVIDE EXP. JT.

A1 C.I.P. SCORED CONCRETE PAVING - SECTION, TYP.
SCALE: N.T.S.



B4 EXTENDED PLAZA SIDEWALK - SECTION, TYP.
SCALE: N.T.S.



A2 SIDEWALK - PLANTER - SEAT WALL - SECTION, TYP.
SCALE: N.T.S.

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 06-25-20 DAVID HOWELL WEST
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW DRW DHW CHK RH
PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

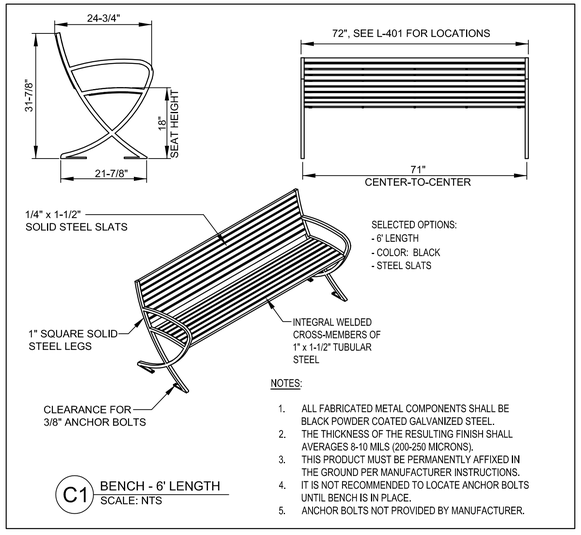
LANDSCAPE - FINISHES & DETAILS: SECTIONS

SCALE: N.T.S.
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794278
SHEET 59 OF 228

L-501

DRAWFORM REVISION: 17 APRIL 2018

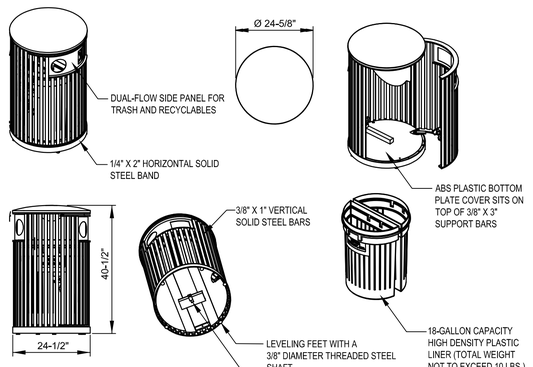
FILE NAME: \\oltorchsrv1\Newforma\73151\01368136.6.0_CAD_BIM\6.2_AWP\LA\POST MOD_FINAL\25 JUNE 2020 – FINAL SEAL\P1395–L–501.dwg LAYOUT NAME: L–501 PLOTTED: Thursday, June 25, 2020 – 10:58am USER: DWEST



NOTES:

1. ALL FABRICATED METAL COMPONENTS SHALL BE BLACK POWDER COATED GALVANIZED STEEL.
2. THE THICKNESS OF THE RESULTING FINISH SHALL AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND PER MANUFACTURER INSTRUCTIONS.
4. IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BENCH IS IN PLACE.
5. ANCHOR BOLTS NOT PROVIDED BY MANUFACTURER.

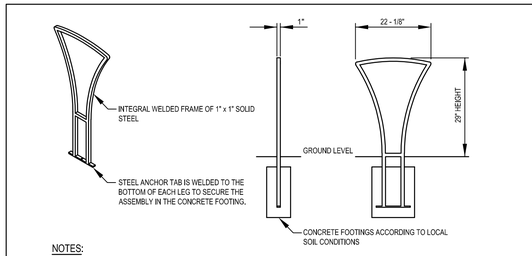
C1 BENCH - 6' LENGTH
SCALE: NTS



NOTES:

1. ALL FABRICATED METAL COMPONENTS SHALL BE BLACK POWDER COATED GALVANIZED STEEL.
2. THE THICKNESS OF THE RESULTING FINISH SHALL AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND PER MANUFACTURER INSTRUCTIONS.
4. ANCHOR BOLTS NOT PROVIDED BY MANUFACTURER.
5. WASTE RECEPTACLE SHALL HAVE REMOVABLE COVER.
6. PER ATFP REQUIREMENTS, NO OPENINGS SHALL BE LARGER THAN 6" WITHIN UNOBSTRUCTED ZONE.

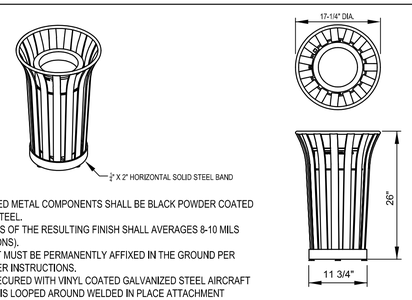
B1 WASTE (TRASH) RECEPTACLE, TYP.
SCALE: NTS



NOTES:

1. ALL FABRICATED METAL COMPONENTS SHALL BE BLACK POWDER COATED GALVANIZED STEEL.
2. THE THICKNESS OF THE RESULTING FINISH SHALL AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND PER MANUFACTURER INSTRUCTIONS.

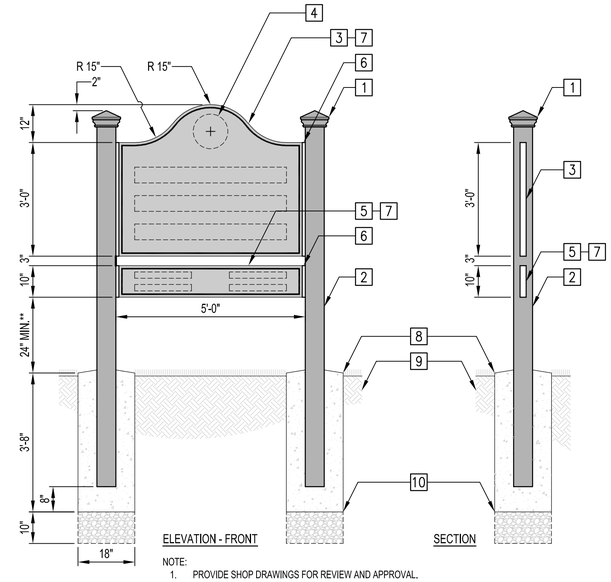
A1 BIKE RACK - IN GROUND MOUNTED, TYP.
SCALE: NTS



NOTES:

1. ALL FABRICATED METAL COMPONENTS SHALL BE BLACK POWDER COATED GALVANIZED STEEL.
2. THE THICKNESS OF THE RESULTING FINISH SHALL AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND PER MANUFACTURER INSTRUCTIONS.
4. ASHTRAY IS SECURED WITH VINYL COATED GALVANIZED STEEL AIRCRAFT CABLE, CABLE IS LOOPED AROUND WELDED IN PLACE ATTACHMENT BRACKET AND CRIMPED IN PLACE.

A2 ASH URN @ DESIGNATED SMOKING AREA, TYP.
SCALE: NTS



NOTE:

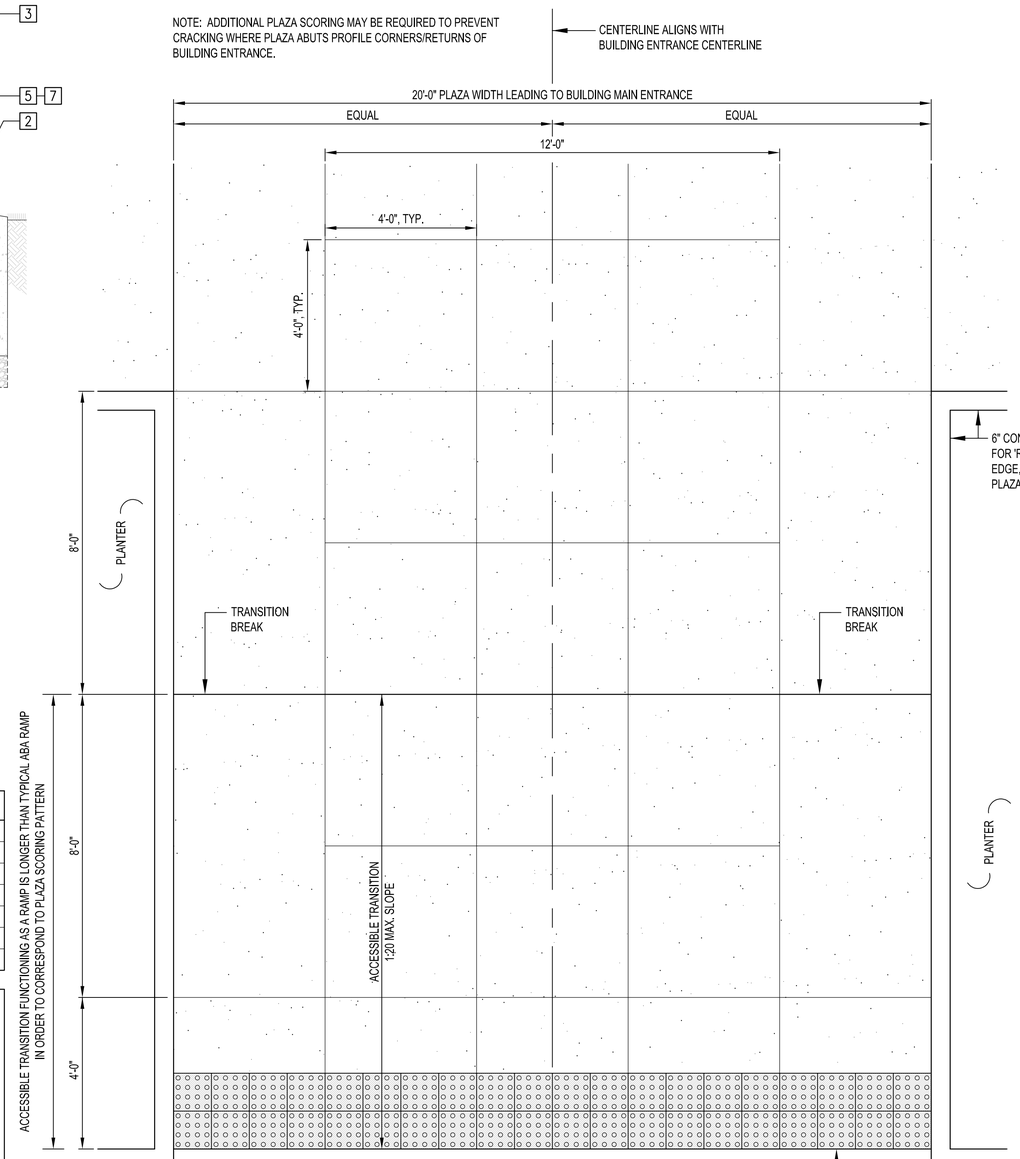
1. PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL.
2. **VERIFY SIGN REQUIREMENTS WITH CAMP LEJEUNE BEAP.
3. **COORDINATE WITH CAMP LEJEUNE PUBLIC WORKS DIVISION (PWD).

1. 6 x 6 POST CAP
2. 6 x 6 POST - ALL SURFACES PAINTED, COLOR SW 6062 RUGGED BROWN
3. 4 x 5 SIGN PANEL - CONTOURED TOP
4. LOGO - VERIFY WITH CONTRACTING OFFICER
5. SIGN PANEL - 10" HT.
6. CHANNEL ATTACHED TO POST AND SIGN PANEL; CHANNEL PAINTED COLOR SW 6062 RUGGED BROWN
7. SIGN PANEL COLORS: RED BACKGROUND, YELLOW LETTERING, YELLOW BORDER STRIPE; FOLLOW BEAP FOR TEXT SIZING AND JUSTIFICATION; YELLOW BORDER STRIPE ¾" WIDE - ¾" OFFSET
8. CONCRETE FOOTING
9. SOIL: BACKFILLED / UNDISTURBED
10. AGGREGATE BASE

B2 CONTOURED SIGNAGE - ELEVATION & SECTION, TYP.
SCALE: NTS

FURNISHING SCHEDULE

Qty.	Item	Description
9	6' Bench with End Arms & Back	Steel Slatted; Black Powdercoat; Secure w/ Anchor Bolts
4	Trash (Waste) Receptacle (ATFP)	Vertical Bars; Black Powdercoat; Secure w/ Anchor Bolts
3	Bike Rack	Matching Design with Bench Arms; Black; In-Ground
1	Ash Urn	Vertical Bars; Black Powdercoat; Secure w/ Anchor Bolts



NOTE: REFER TO CIVIL DETAIL A1 ON DRAWING C-506 FOR ADDITIONAL 'RAMP' INFORMATION AND SPECIFICATIONS

A4 ACCESSIBLE RAMP @ MAIN ENTRANCE PLAZA, TYP.
SCALE: NTS

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 DAVID HOWELL WEST 06-25-20 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
Name & Signature N.A.
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW DRW DHW CHK RH
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CI CORE
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

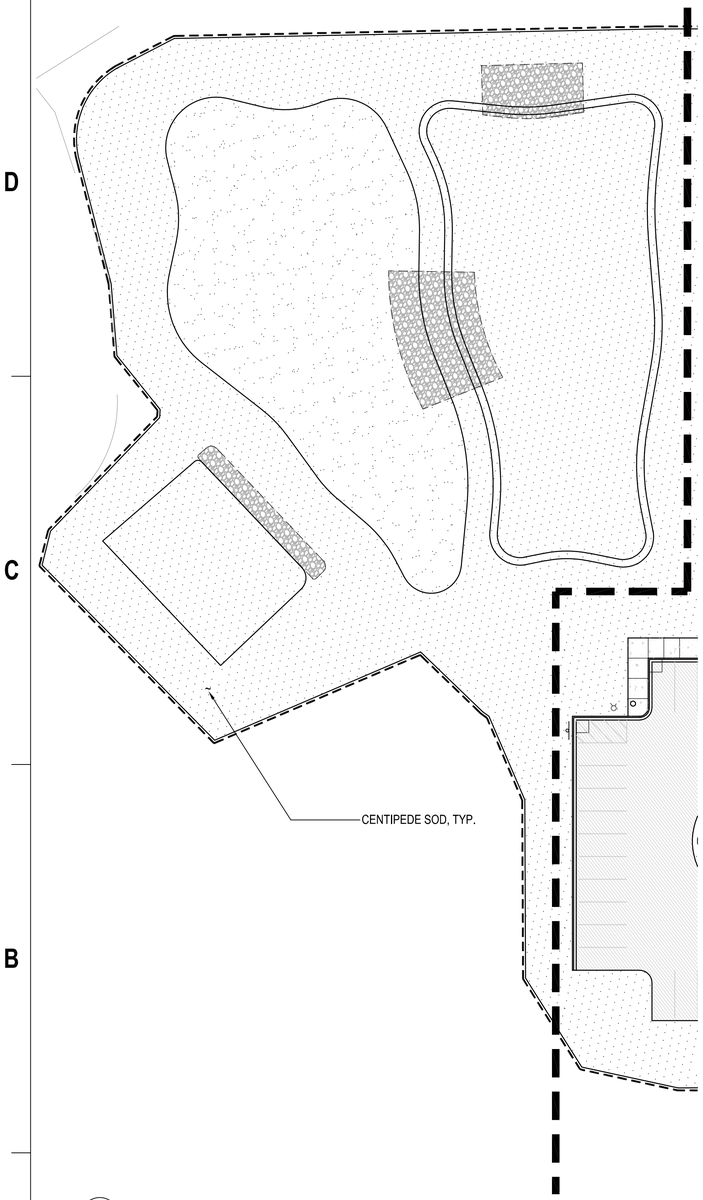
LANDSCAPE - DETAILS & SITE FURNISHINGS

SCALE: N.T.S.
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794279
SHEET 60 OF 228

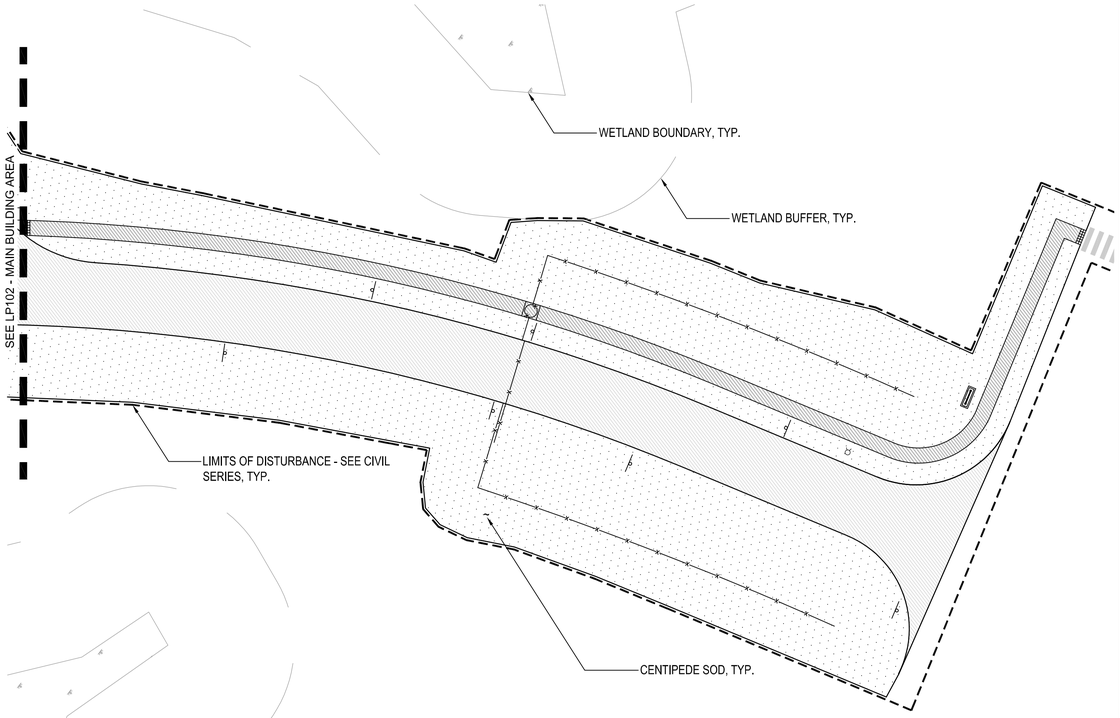
L-502

DRAWFORM REVISION: 17 APRIL 2018

FILE NAME: \\citrixhsrv1\Newformo\7315\101368\3\6.0_CAD_BIM\6.2_WIP\LA\POST MOD_FINAL\25 JUNE 2020 - FINAL SEAL\P1395-L-502.dwg LAYOUT NAME: L-502 PLOTTED: Thursday, June 25, 2020 - 11:00am USER: DWEST



A1 LANDSCAPE - PLANTING PLAN: BMP - STORMWATER MANAGEMENT AREA
SCALE 1" = 30' 0' 15' 30' 60'



A3 LANDSCAPE - PLANTING PLAN: ENTRANCE DRIVE
SCALE 1" = 30' 0' 15' 30' 60'

GENERAL SHEET NOTES

NOTES:

1. TURFGRASS AREA CALCULATIONS ARE FOR ESTIMATION AND BIDDING PURPOSES ONLY. UNLESS OTHERWISE DESIGNATED, ALL DISTURBED AREAS MUST BE SODDED.

NEW WORK KEYNOTES

LEGEND:

TURFGRASS - ENTRANCE DRIVE: 30,800.0 S.F.

TURFGRASS - BMP AREA: 43,819.0 S.F.

SAND FILTER - SEE CIVIL DRAWINGS

RIP RAP - SEE CIVIL DRAWINGS

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 DAVID HOWELL WEST 06-25-20
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

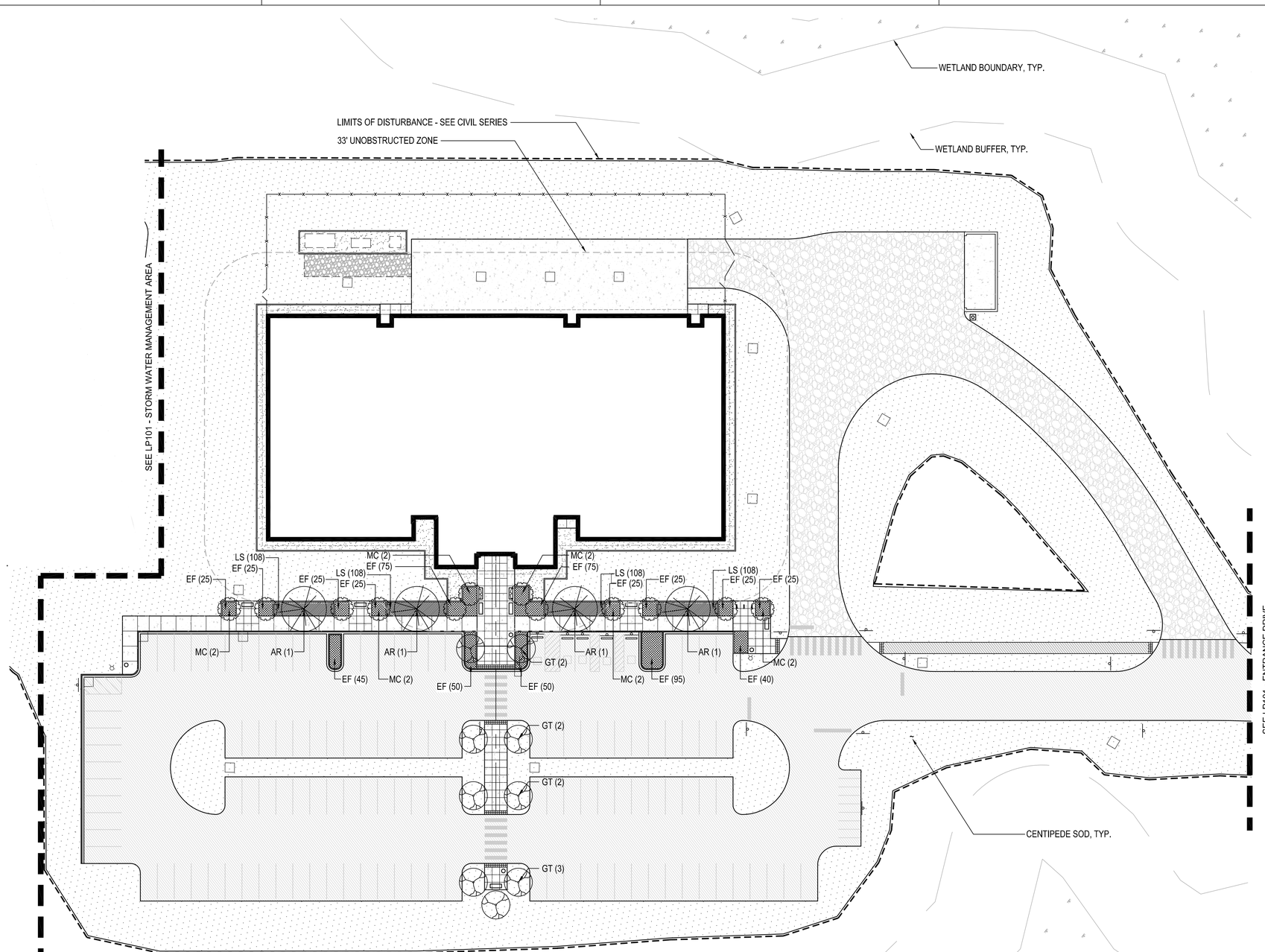
APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW | DRW DHW | CHK RH
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENGR/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
LANDSCAPE - PLANTING PLAN: DRIVE & BMP

SCALE: 1" = 30'-0"
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794280
SHEET 61 OF 228
LP101

DRAWFORM REVISION: 17 APRIL 2018

FILE NAME: \\citorchsrv1\Newforma\7315\10136813\6.0_CAD_BIM\6.2_WIP\LA\POST MOD_FINAL\25 JUNE 2020 - FINAL SEA\P1395-LP101.dwg LAYOUT NAME: LP-101 30 PLOTTED: Thursday, June 25, 2020 - 11:01am USER: DWEST



A1 LANDSCAPE - PLANTING PLAN: MAIN BUILDING
SCALE 1" = 30' 0' 15' 30' 60'

GENERAL SHEET NOTES

NOTES:

1. TURFGRASS AREA CALCULATIONS ARE FOR ESTIMATION AND BIDDING PURPOSES ONLY. UNLESS OTHERWISE DESIGNATED, ALL DISTURBED AREAS MUST BE SODDED.

NEW WORK KEYNOTES

LEGEND:

GROUNDCOVER - EF: SEE SCHEDULE

GROUNDCOVER - LS: SEE SCHEDULE

TURFGRASS - SOD: 84,025.0 S.F.

INORGANIC MULCH: 3,850.0 S.F.

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 DAVID HOWELL WEST 06-25-20 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW DRW DHW CHK RH
PMDM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

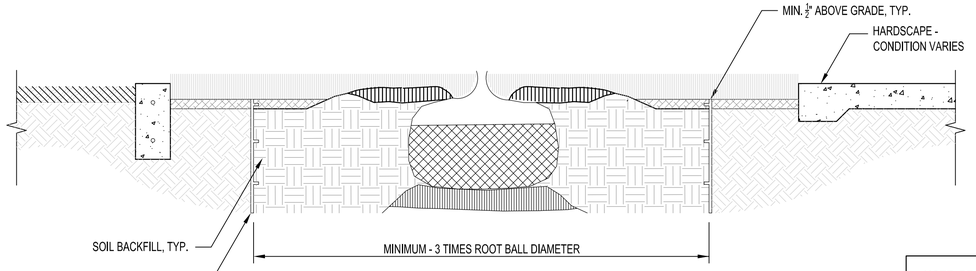
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CI CORE
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
LANDSCAPE - PLANTING PLAN: MAIN BUILDING

SCALE: 1" = 30'-0"
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794281
SHEET 62 OF 228
LP102
DRAWFORM REVISION: 17 APRIL 2018

FILE NAME: \\victorchsrv1\Revforms\7315\101358131\6.0_CAD_BIM\6.2_WIP\LA\POST MOD_FINAL\25 JUNE 2020 – FINAL SEAL\P1395–LP102.dwg LAYOUT NAME: LP–102 30 PLOTTED: Thursday, June 25, 2020 – 11:03am USER: DWEST

PLANTING & PLANT MATERIAL NOTES:

1. ALL PLANTS MUST COMPLY WITH AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 CRITERIA.
2. ALL PLANTS SHALL BE HEALTHY, VIGOROUS MATERIAL AND FREE OF PESTS AND DISEASE.
3. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED (B&B) AS INDICATED IN THE PLANT LIST.
4. ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
5. ALL PLANTS ARE SUBJECT TO APPROVAL OF THE OWNER/GOVERNMENT BEFORE, DURING, AND AFTER INSTALLATION.
6. ALL GROUNDCOVER BEDS ARE TO BE COMPLETELY COVERED WITH MULCH TO A MINIMUM DEPTH OF 3 INCHES.
7. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY UTILITIES, STRUCTURES, OR OTHER DAMAGED ITEMS WHICH OCCURS AS A RESULT OF THE LANDSCAPE WORK.
8. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING UNTIL THE WORK IS ACCEPTED BY THE OWNER. MAINTENANCE INCLUDES BUT IS NOT LIMITED TO : WATERING, SPRAYING, MULCHING, FERTILIZING, WEEDING, ETC.
9. THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE THE END OF THE GUARANTEE PERIOD (AS PER DIRECTION FROM OWNER).
10. ANY PLANT MATERIAL THAT DIES, TURNS BROWN OR DEFOLIATES PRIOR TO FINAL ACCEPTANCE SHALL BE REMOVED AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AT NO ADDITIONAL COST TO OWNER.
11. ALL DISTURBED AREAS NOT NOTED ON THE PLANTING PLAN ARE TO BE SODDED IN ACCORDANCE WITH THE SPECIFICATIONS.
12. CONTRACTOR SHALL INSTALL SPECIFIC SPECIES VARIETY THAT IS LISTED IN PLANT SCHEDULE.
13. CONTRACTOR SHALL VERIFY PLANTING LOCATIONS DO NOT CONFLICT WITH UTILITIES, STRUCTURES, EASEMENTS, OR DRAINAGE WAYS.
14. PROVIDE 18" DEEP - MIN. 30 MIL GEOMEMBRANE ROOT BARRIER WHERE TREES ARE WITHIN 8' OF HARDSCAPE.
15. MCBCL FOREST MANAGEMENT PROGRAM HAS FIRST RIGHT OF REFUSAL OF ALL TIMBER PRODUCTS ON CONSTRUCTION PROJECTS. DO NOT CUT WITHOUT AUTHORIZATION FROM CONTRACTING OFFICER.
16. TURFGRASS AREA CALCULATIONS ARE FOR ESTIMATION AND BIDDING PURPOSES ONLY. UNLESS OTHERWISE DESIGNATED, ALL DISTURBED AREAS MUST BE SODDED.
17. TREES MUST MEET CALIPER REQUIREMENTS AS SPECIFIED AND HAVE A BRANCHING STRUCTURE THAT MEETS A MINIMUM 3' CLEAR ZONE ABOVE FINISH GRADE. TREE CANOPY WIDTH MUST BE IN PROPORTION TO TREE HEIGHT; HEIGHT TO SPREAD RATIO 2:1
18. GROUNDCOVER MUST NOT EXCEED 6" IN HEIGHT.
19. CONTRACTOR MUST SUBMIT PHOTOGRAPHS OF PLANT MATERIAL FOR GOVERNMENT LANDSCAPE ARCHITECT APPROVAL AND SCHEDULE PRE-INSPECTION OF MATERIAL PRIOR TO PLANTING.

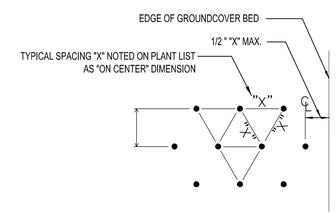


18" DEPTH - TREE ROOT BARRIER, TYP.

NOT TO SCALE

ROOT BARRIER SPECIFICATIONS:

1. ROOT BARRIER MUST BE ABLE TO FUNCTION IN A LINEAR AND A SURROUND INSTALLATION REQUIRMENT.
2. ROOT BARRIER MUST BE RECYCLABLE, BLACK, INJECTION MOLDED PANELS WITH 0.75" WALL THICKNESS IN MODULES 24" LONG AND 18" DEEP.
3. ROOT BARRIER MUST BE MANUFACTURED WITH 75% REPROCESSED POLYPROPYLENE WITH ADDED ULTRAVIOLET INHIBITORS.
4. ROOT BARRIER MUST BE COMPRISED OF 24" PANELS. EACH PANEL MUST HAVE NO LESS THAN (4) MOLDED INTEGRAL VERTICAL ROOT DIRECTING RIBS OF A MINIMUM 0.060" THICKNESS, PROTRUDING ½" AT 90 deg. FROM INTERIOR OF THE BARRIER PANEL, SPACED 6" APART.
5. ROOT BARRIER MUST HAVE A DOUBLE TOP EDGE CONSISTING OF TWO PARALLEL, INTEGRAL, HORIZONTAL RIBS AT THE TOP OF THE PANEL AT 0.060" THICKNESS, ⅜" WIDE AND ¾" APART WITH THE LOWER RIB ATTACHED TO THE VERTICAL ROOT DIRECTING RIBS.
6. ROOT BARRIER MUST HAVE A MINIMUM OF (9) ANTI-LIFT GROUND LOCK TABS CONSISTING OF INTEGRAL HORIZONTAL RIDGES OF MINIMUM 0.060" THICKNESS IN THE SHAPE OF A SEGMENT OF A CIRCLE, THE 2 ¾" CHORD OF THE SEGMENT JOINING THE PANEL WALL AND THE SEGMENT, PROTRUDING ⅜" FROM THE PANEL. THE GROUND LOCKS ON EACH PANEL SHALL BE ABOUT EQUALLY SPACED BETWEEN EACH OF THE VERTICAL ROOT DIRECTING RIBS.
7. ROOT BARRIER MUST HAVE AN INTEGRATED ZIPPER JOINING SYSTEM FOR ASSEMBLY BY SLIDING ONE PANEL INTO ANOTHER.
8. SUBMIT PRODUCT SAMPLE AND INFORMATION FOR GOVERNMENT LANDSCAPE ARCHITECT APPROVAL.



TYPICAL GROUNDCOVER PLANTING

NOT TO SCALE

	TREES					
Abrv.	Qty.	Botanical Name	Common Name	Size	Height	Remarks
AR	4	Acer rubrum 'October Glory'	OCTOBER GLORY RED MAPLE	3.5" CAL	14'-16'	ROOT BALL 36" MIN.
GT	9	Gleditsia triacanthos inermis 'Shademaster'	SHADEMASTER THORNLESS HONEYLOCUST	3" CAL	14'-16'	ROOT BALL 32" MIN.
MC	12	Myrica cerifera	SOUTHERN WAX MYRTLE (Multi-Stem - 3)	20 GAL	10'-14'	ROOT BALL 18" MIN. (Container)

	GROUNDCOVER					
Abrv.	Qty.	Botanical Name	Common Name	Size	Spacing	Remarks
EF	630	Euonymous fortunei 'Coloratus'	WINTERCREEPER	#1 (1 GAL)	18" O.C.	
LS	432	Liriope spicata 'Little blue Lily-turf'	LITTLE BLUE LIRIOPE	#1 (1 GAL)	18" O.C.	

	TURFGRASS			
Abrv.	Qty.	Botanical Name	Common Name	Size
SOD	30,800.0 SF (LP-101 ENTRANCE DRIVE)	Eremochloa ophiuroides 'TifBlair Centipede'	TifBlair Centipede Sod Turfgrass	Industry Standard
SOD	84,025.0 SF (LP-102 MAIN BUILDING)	Eremochloa ophiuroides 'TifBlair Centipede'	TifBlair Centipede Sod Turfgrass	Industry Standard
SOD	43,819.0 SF (LP-101 BMP AREA)	Eremochloa ophiuroides 'TifBlair Centipede'	TifBlair Centipede Sod Turfgrass	Industry Standard

IRRIGATION BAG SPECIFICATIONS:

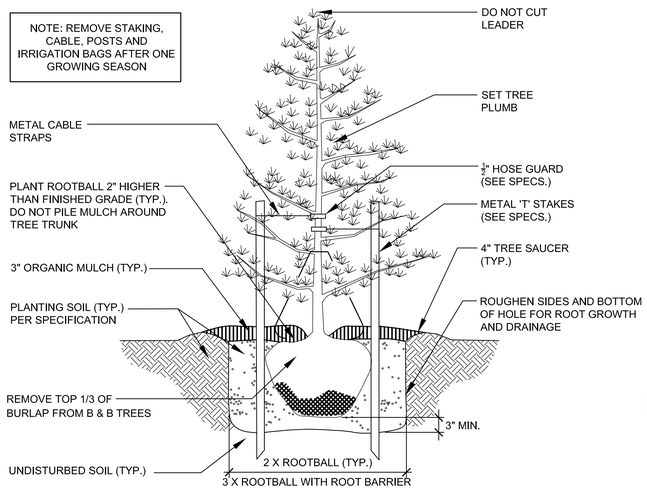
1. BAGS MUST BE 30" TALL AND 18" WIDE AT BASE; (CONTRACTOR MAY USE 35" DIAMETER x 6" HEIGHT 'DONUT' BAGS FOR MULTI-STEM APPLICATIONS)
2. BAGS MUST BE MADE OF GREEN POLYETHYLENE WITH SCRIM REINFORCEMENT, BLACK POLYPRO STRAPS AND NYLON ZIPPERS AND INCLUDE (2) RELEASE POINTS PER BAG
3. BAGS MUST HAVE FILL OPENING TO FIT MAX. 3" DIAMETER HOSE AND EMPTY WITHIN 5 TO 9 HOURS
4. BAGS MUST BE UV STABILIZED TO WITHSTAND EXPOSURE TO SUNLIGHT
5. BAGS MUST FIT MIN. 1" TO MAX. 4" CALIPER TREE WITH BRANCHES MIN. 25" FROM GROUND OR HIGHER

IRRIGATION BAG DIRECTIONS:

1. PLACE AROUND TREE TRUNK WITH ZIPPERS ON UPHILL SIDE OF TREE
2. WRAP BOTH SIDES AROUND TRUNK UNTIL ZIPPERS MEET AND ZIP TOGETHER FROM BOTTOM TO TOP
3. LIFT TAG TO EXPOSE FILL OPENING AT TOP OF BAG
4. INSERT HOSE INTO FILL OPENING AND BEGIN FILLING WITH WATER TO ¼ CAPACITY
5. LIFT UP ON STRAPS AT TOP TO EXPAND BAG BOTTOM
6. FILL TO DESIRED LEVEL

NOTE: PROVIDE 18" ROOT BARRIER WHERE TREES ARE WITHIN 8' OF HARDSCAPE

NOTE: REMOVE STAKING, CABLE, POSTS AND IRRIGATION BAGS AFTER ONE GROWING SEASON

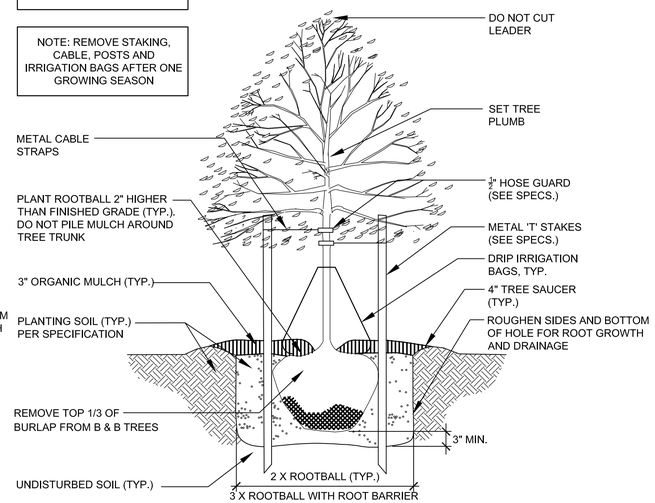


TYPICAL EVERGREEN TREE PLANTING

NOT TO SCALE

NOTE: PROVIDE 18" ROOT BARRIER WHERE TREES ARE WITHIN 8' OF HARDSCAPE

NOTE: REMOVE STAKING, CABLE, POSTS AND IRRIGATION BAGS AFTER ONE GROWING SEASON



TYPICAL DECIDUOUS TREE PLANTING

NOT TO SCALE

APPR	DATE	DESCRIPTION	SYM

NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 2076 DAVID HOWELL WEST 06-25-20 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/20
DES DHW | DRW DHW | CHK RH
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENGR/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CO CODRE
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

LANDSCAPE - PLANTING SCHEDULE & DETAILS

SCALE: 1" = NTS
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794282
SHEET 63 OF 228

LP601

DRAWFORM REVISION: 17 APRIL 2018

FILE NAME: \\clorchsrv1\Newforma\7315\1013681\3.6_CAD_BIM\3.6.2_WIP\LA\POST MOD_FINAL\25 JUNE 2020 - FINAL SEAL\P1395--LP601.dwg LAYOUT NAME: LP--601 PLOTTED: Thursday, June 25, 2020 - 11:04am USER: DWEST

GENERAL NOTES

G1. GENERAL

1. TYPICAL NOTES AND DETAILS ARE PROVIDED TO COVER GENERAL CONSTRUCTION CONDITIONS. THE GENERAL CONTRACTOR SHALL FOLLOW THOSE DETAILS AND NOTES PERTAINING TO THE SPECIFIC NATURE OF THE WORK TO BE PERFORMED.
2. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS (WHERE APPLICABLE) AT THE JOB SITE AS WELL AS THE PROVISIONS OF THE ENTIRE CONSTRUCTION DOCUMENTS AND BRING TO THE ENGINEER ATTENTION ANY DISCREPANCY. IN THE EVENT OF A DISCREPANCY IN THE STRUCTURAL CONSTRUCTION DOCUMENTS, THE NOTE OR DETAIL UTILIZING THE MORE STRICT REQUIREMENT SHALL APPLY.
3. IT IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING, FORMWORK, ETC. AS REQUIRED FOR PROTECTION OF LIFE AND PROPERTY, TO SUPPORT ANY CONSTRUCTION LOADS, AND TO MAINTAIN ALL BUILDING COMPONENTS SAFELY IN PLACE PRIOR TO THEIR FINAL ASSEMBLY AND ANCHORAGE INTO THE COMPLETED STRUCTURE.
4. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, PROCESS, AND ALL OTHER PERTINENT DRAWINGS FOR THE SIZE AND LOCATIONS OF PIPE, VENT, DUCT, AND OTHER OPENINGS AND DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS. ALL DIMENSIONS ARE TO BE CHECKED AND COORDINATED BY THE CONTRACTOR.
5. SHOP DRAWINGS ARE AN AID FOR FABRICATION AND INSTALLATION AND ARE SUPERSEDED BY THE STRUCTURAL DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAKING CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST STRUCTURAL DRAWINGS. SHOP DRAWING REVIEWS BY THE STRUCTURAL ENGINEER ARE FOR GENERAL CONFORMANCE ONLY AND DO NOT GUARANTEE THAT THE SHOP DRAWINGS ARE CORRECT. SHOP DRAWINGS THAT HAVE BEEN CREATED OR COPIED FROM PARTS OF THE DESIGN DRAWINGS WILL BE REJECTED UPON ARRIVAL AND RETURNED WITHOUT REVIEW.

G2. APPLICABLE SPECIFICATIONS AND CODES

1. INTERNATIONAL BUILDING CODE, 2015 EDITION
2. UFC 1-200-01
3. UFC 3-301-01
4. UFC 3-310-04
5. UFC 4-010-01
6. ACI 318-14
7. ACI 530-13
8. ASCE 7-10
9. AISC 360-10
10. MCO 5530.14A

G3. STRUCTURAL DESIGN CRITERIA

1. COLLATERAL LOADS:
   ROOF = 10 PSF, UNO.
   25 PSF (LOCATIONS W/ GYP BOARD CEILING, SEE SHEETS A-104 AND A-108 FOR LOCATIONS)
2. LIVE LOADS:
   ROOF = 20 PSF
   FLOOR = 125 PSF U.N.O.
3. SNOW LOADS:
   GROUND SNOW LOAD (P_g) = 10 PSF
   ROOF SNOW LOAD (Pmin) = 7 PSF
   SNOW EXPOSURE FACTOR (C_e)= 1.0
   SNOW LOAD IMPORTANCE FACTOR (I) = 1.0
   THERMAL FACTOR (C_t) = 1.0
   ROOF SLOPE RACTOR (C_s) = 1.0
4. WIND LOADS:
   WIND SPEED (Vult/Vasd) = 140/109 MPH
   EXPOSURE FACTOR = C
   INTERNAL PRESSURE COEFFICIENT = +/- 0.18 (ENCLOSED BUILDING)

   SEISMIC LOADS:
   RISK CATEGORY = II
   SEISMIC IMPORTANCE FACTOR (Ie) = 1.0
   SITE CLASS = D
   RESPONSE MODIFICATION FACTOR = 3.0
   SPECTRAL RESPONSE COEFFICIENTS:
   S_S = 0.15
   S_1 = 0.07
   S_{DS} = 0.160
   S_{D1} = 0.112
   SEISMIC DESIGN CATEGORY = B
   BASIC SEISMIC FORCE RESISTING SYSTEM = STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
   DESIGN BASE SHEAR = 50 KIPS
   RESPONSE MODIFICATION COEFFICIENT = 3 (ASSUMED - FINAL PER PEMB SUPPLIER)
   ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

G4. SOILS & FOUNDATIONS

1. GEOTECHNICAL REPORT BY HDR, INC., GLEN ALLEN, VA, "GEOTECHNICAL ENGINEERING REPORT, REV. 2, P-1395 SPECIAL OPERATIONS FORCES MARINE RAIDER REGIMENTAL HQS, CAMP LEJUNE, NORTH CAROLINA," DATED MARCH 13, 2020.
2. FOUNDATIONS HAVE BEEN DESIGNED FOR A MAXIMUM ALLOWABLE BEARING PRESSURE OF 1,400 PSF.
3. PREPARE SUBGRADES AND PLACE FILL IN ACCORDANCE WITH SPECIFICATION SECTION 31 23 00.00 20 OR AS OTHERWISE INDICATED IN THESE PLANS.
4. SEE SHEET B-100 FOR BUILDING PAD PRELOADING REQUIREMENTS. FOUNDATIONS SHALL BE INSTALLED NO SOONER THAN 60 DAYS AFTER ACHIEVING PLANNED SUBGRADE ELEVATIONS AS DIRECTED BY THE CONTRACTING OFFICER.

G5. CAST-IN-PLACE CONCRETE

C1. THE FOLLOWING TYPES OF CONCRETE SHALL BE USED IN ACCORDANCE WITH THE CAST-IN-PLACE CONCRETE SPECIFICATION 03 30 00:

ALL CONCRETE 4,000 PSI

C2. THE CONTRACTOR SHALL VERIFY THAT A CERTIFIED TECHNICIAN IS TESTING ALL CONCRETE AT PLACEMENT FOR SLUMP, AIR CONTENT AND TEMPERATURE. TESTING SHALL BE PERFORMED AT THE SAME FREQUENCY AS REQUIRED FOR STRENGTH TESTING.

C3. CONCRETE COVER FOR REINFORCEMENT FOR NON-PRESTRESSED, CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

CAST AGAINST EARTH =	3"
EXPOSED TO WEATHER:	
#5 AND SMALLER =	2"
#6 AND LARGER =	2"
NOT EXPOSED TO WEATHER:	
SLABS, WALLS AND JOISTS =	2"
BEAMS, COLUMNS =	2"

C4. NOTIFY ENGINEER WHEN THE SPECIFIED CLEARANCES BETWEEN BARS CANNOT BE MET. DO NOT PLACE ANY CONCRETE UNTIL THE ENGINEER SUBMITS A SOLUTION TO REBAR CONGESTION PROBLEM.

C5. IF BARS ARE MOVED MORE THAN ONE BAR DIAMETER OBTAIN ENGINEER'S APPROVAL OF RESULTING ARRANGEMENT OF BARS. NO FIELD CUTTING OF REBAR SHALL BE DONE WITHOUT WRITTEN APPROVAL FROM ENGINEER.

C6. PROVIDE 90 DEGREE CORNER BARS AT ALL CONCRETE WALL & FOOTING CORNERS AND INTERSECTIONS. CORNER BARS SHALL MATCH THE PRIMARY BARS IN SIZE, GRADE, AND SPACING. LAP CORNER BARS ONTO PRIMARY BARS WITH A FULL LAP SPLICE LENGTH IN EACH DIRECTION, SEE INCLUDED SPLICE TABLE.

C7. PLANS SHOW THE ESSENTIAL REINFORCEMENT BASED UPON DESIGN. ADDITIONAL REINFORCEMENT THAT IS REQUIRED TO HOLD THE ESSENTIAL REINFORCEMENT IN ITS TRUE POSITION SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

G6. CONCRETE MASONRY UNITS (CMU):

M1. DESIGN PROPERTIES
fm = 1,900 PSI
Fy = 60,000 PSI

M2. BOND BEAM UNITS AND LINTEL UNITS ARE NOT EQUIVALENT, PROVIDE LINTEL UNITS ONLY AT THE EXPOSED PORTIONS OF OPENING HEADS & SILLS ONLY AT THE EXPOSED PORTIONS OF OPENING HEADS & SILLS.

M3. LAY ALL CMU IN RUNNING BOND UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

M4. MASONRY REINFORCING BARS SHALL BE LAPPED IN ACCORDANCE WITH THE MASONRY LAP SPLICE SCHEDULE IN THE STRUCTURAL PLANS. BARS SHALL BE EITHER SEPARATED BY ONE BAR DIAMETER OR TIED SECURELY TOGETHER. HOLD BARS IN POSITION WITH GALVANIZED 9 GAUGE BAR POSITIONERS. ALL CMU CORES & BOND BEAMS CONTAINING REINFORCING SHALL BE FILLED SOLID WITH GROUT.

M5. GROUT POURS SHALL NOT EXCEED 4-FEET IN HEIGHT UNLESS CLEANOUTS ARE PROVIDED IN THE BOTTOM COURSE OF THE CELLS TO BE GROUTED.

M6. PROVIDE A VERTICAL CONTROL JOINT AT ALL LOCATIONS WHERE INTERIOR NON-LOAD BEARING MASONRY ABUTS A STRUCTURAL CMU WALL, DO NOT TOOTH-IN.

M7. CMU VERTICAL CONTROL (V.C.J.) JOINTS SHALL BE LOCATED WHERE SHOWN ON THE ARCHITECTURAL PLANS.

M8. CMU VERTICAL JOINTS SHALL NOT INTERRUPT LINTELS OR BOND BEAMS.

M9. PROVIDE MASONRY LINTELS PER THE LINTEL SCHEDULE IN THE STRUCTURAL PLANS FOR ALL OPENINGS GREATER THAN 12" WIDE, INCLUDING OPENINGS FOR DUCT WORK.

G7. STEEL

S1 STRUCTURAL STEEL DESIGN PROPERTIES:

WIDE FLANGE AND TEES:	Fy=50 KSI
PIPES	Fy=35 KSI
STAINLESS STEEL:	Fy=33 KSI
HSS RECTANGULAR SECTIONS:	Fy=46 KSI
HSS ROUND SECTIONS:	Fy=42 KSI
ALL OTHER SHAPES AND PLATES:	Fy=36 KSI

S2 DIMENSIONS:
TO CENTERLINES OF COLUMNS AND BEAMS, TOP SURFACES OF BEAMS AND TUBES AND BACKS OF CHANNELS AND ANGLES UNLESS NOTED OTHERWISE.

S3 ELEVATIONS:
REFER TO TOP SURFACE OF MEMBER OR FLANGE UNLESS NOTED OTHERWISE.

S4 UNLESS OTHERWISE NOTED, BOLTED BEAM CONNECTIONS SHALL BE SIMPLE FRAMED SHEAR CONNECTIONS. BOLTED STEEL CONNECTIONS SHALL BE IN ACCORDANCE WITH THE AISC CONNECTIONS. BOLTED STEEL CONNECTIONS SHALL BE IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION LATEST EDITION USING ASTM A325 GALVANIZED BOLTS. USE ASTM A593 FOR STAINLESS STEEL CONNECTIONS WHERE REQUIRED. ALL BOLTED STRUCTURAL CONNECTIONS SHALL BE BEARING TYPE CONNECTIONS UNLESS OTHERWISE INDICATED TO BE SLIP-CRITICAL.

S5 WHEN FILLET WELD SIZE IS NOT INDICATED, PROVIDE MAXIMUM WELD SIZE IN ACCORDANCE WITH AISC SPECIFICATIONS.

G8. POST INSTALLED ANCHORS

PA1 POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER–OF-RECORD (EOR) PRIOR TO INSTALLING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.

PA2 CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH EXISTING REBAR. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

PA3 SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL POST INSTALLED ANCHOR (MECHANICAL AND ADHESIVE) INSTALLATIONS AS REQUIRED BY THE BUILDING CODE AND APPLICABLE ICC EVALUATION REPORTS. INDEPENDENT ON-SITE PROOF LOAD TESTING MAY BE REQUIRED BY THE EOR.

PA4 FOR TRAINING AND CERTIFICATION REQUIREMENTS FOR INSPECTORS AND INSTALLERS SHALL BE SUBMITTED TO THE EOR FOR REVIEW.

PA5 POST INSTALLED ADHESIVE ANCHORS INSTALLED IN EITHER A HORIZONTAL OR INCLINED ORIENTATION REQUIRE INSTALLER TRAINING AND APPROVAL PER BUILDING CODE REQUIREMENTS.

PA6. UNLESS NOTED OTHERWISE ON PLANS ACCEPTABLE QUALIFCIATIONS SHALL BE:

1. CONCRETE ANCHORS
   A. MECHANICAL ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193.
   B. ADHESIVE ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC308.
2. MASONRY ANCHORS
   A. ANCHORAGE TO SOLID-GROUTED CONCRETE MASONRY
      (1) MECHANICAL AND CONCRETE SCREW ANCHORS FOR USE IN SOLID-GROUTED CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01 OR AC106, RESPECTIVELY.
      (2) ADHESIVE ANCHORS FOR USE IN SOLID-GROUTED CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC58.
   B. ANCHORAGE TO HOLLOW CONCRETE MASONRY
      (1) SCREW ANCHORS FOR USE IN HOLLOW CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC106
      (2) ADHESIVE ANCHORS WITH SCREEN TUBES SHALL BE TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC58 OR AC60, AS APPROPRIATE. THE APPROPRIATE SCREEN TUBE SHALL BE USED AS RECOMMENDED BY THE ADHESIVE MANUFACTURER.

G9. DEFERRED SUBMITTALS

1. PRE-ENGINEERED METAL BUILDING.
2. LIGHT GAUGE METAL STUDS, EXTERIOR NON-LOAD BEARING

G10. PRE-ENGINEERED METAL BUILDING

1. ALL PRE-ENGINEERED BUILDING COMPONTENTS SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH UFC 3-301-01, UFC 4-010-01 DOD MINIMUM ANTI-TERRORISM STANDARDS FOR BUILDINGS DATED DECEMBER 12, 2018, AND MCO 5530.14A, MARINE CORPS PHYSICAL SECURITY PROGRAM MANUAL. HOWEVER , NO COMPONENT SHALL BE DESIGNED FOR LESS THAN THE DESIGN LOADS SHOWN ON THIS SHEET OR OTHER APPLICABLE BUILDING CODES.
2. DESIGN THE BUILDING SYSTEM(S) IN ACCORDANCE WITH THE APPLICABLE SPECIFCATIONS AND CODES PER NOTE G2.
3. DESIGN THE BUILDING SYSTEM FOR THE LIVE LOADS OR SNOW LOADS (WHICHEVER IS GREATER) INDICATED AND A COLLATERAL DEAD LOAD OR SEISMIC LOADS. PARAMETERS FOR THE DEVELOPMENT OF THE SNOW, WIND AND SEISMIC LOADS ARE LISTED IN THE GENERAL NOTES. INCLUDE THE EFFECTS OF UNBALANCED SNOW LOADS, SNOW DRIFT, SLIDING SNOW, RAIN ON SNOW AND WINDWARD AND LEEWARD WIND PRESSURE AND CONCENTRATED LIVE LOAD OF 250 POUNDS LOCATED ANYWHERE ALONG THE LENGTH OF THE PURLIN IN ADDITION TO MECHANICAL EQUIPMENT LOADS SHOWN. USE SPREADER BEAMS WHERE CONCENTRATED LOADS EXCEED PURLIN CAPACITY. PEMB DESIGNER/SUPPLIER TO PROVIDE SUPPORT, BRACING, ETC FOR COLLAPSIBLE PARTITION WALLS.
4. LOAD COMBINATIONS SHALL BE IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE UNLESS THE MBMA METAL BUILDING SYSTEMS MANUAL (2012) LOAD COMBINATIONS ARE MORE STRINGENT.
5. DESIGN THE BUILDING SYSTEM WITH HINGED COLUMN BASES. FIXED BASE COLUMNS ARE NOT ALLOWED.
6. BUILDING LATERAL DEFLECTIONS AND RACKING LIMITS SHALL BE LIMITED TO H/480 BASED ON A DESIGN WIND SPEED USING 10 YEAR MRI . DEFLECTIONS SHALL BE LIMITED TO ENSURE THAT BUILDING COMPONENTS DO NOT CONTACT INTERIOR PARTITIONS. DEFLECTION LIMITS SHALL NOT EXCEED DEFLECTION TOLERANCES OF EQUIPMENT SUPPORTED BY THE BUILDING.
7. THE BUILDING FOUNDATIONS SHOWN ARE PRELIMINARY. SIGNED AND SEALED CALCULATIONS SHALL BE SUBMITTED FOR REVIEW. DO NOT PLACE FOUNDATIONS PRIOR TO THE REVIEW AND APPROVAL OF THE BUILDING SYSTEM FOUNDATION LOADINGS.
8. PIER AND FOOTINGS SIZES AND LOCATIONS SHOWN ARE BASED UPON ASSUMPTIONS OF THE BUILDING SYSTEMS COMPONENTS, CONFIGURATIONS AND LOADS. COORDINATE ALL FINAL DETAILS AND DIMENSIONS TO ENSURE THAT THE FOUNDATION SYSTEM IS COMPATIBLE WITH THE BUILDING SYSTEM USED.
9. DESIGN AND PROVIDE STRUCTURAL MEMBERS FOR THE SUPPORT OF PIPING ELECTRICAL COMPONENTS, ETC.
10. METAL BUILDING MANUFACTURER TO PROVIDE HORIZONTAL WIND BEAMS AT ALL MASONRY WALLS AND METAL STUDS. SIZE AND SPACING OF METAL STUDS AND PEMB GIRTS SHALL BE COORDINATED FOR MAXIMUM ALLOWABLE DEFLECTION OF L/600.
11. DESIGN OF THE ANCHOR BOLT DIAMETER IS THE RESPONSIBILITY OF THE PEMB MANUFACTURER SEE S-002.
12. COORDINATE LOCATION OF ALL PEMB COMPONENTS WITH EXTERIOR WALL SYSTEM, INCLUDING BUT NOT LIMITED TO PORTAL FRAMES, WIND POSTS, AND MAIN FRAMES.

G11. FORCE PROTECTION

1. THE BUILDING IS DESIGNED IN ACCORDANCE WITH UFC 4-010-01 DOD MINIMUM ANTI-TERRORISM STANDARD FOR BUILDINGS DATED DECEMBER 12, 2018 AND MCO 5530.14A, MARINE CORPS PHYSICAL SECURITY PROGRAM MANUAL.

G12. METAL STUD FRAMING - EXTERIOR NON-LOAD BEARING

1. DESIGN OF COLD-FORMED FRAMING MEMBERS AND CONNECTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, UNLESS SHOWN ON PLANS. SHOW SIZE AND GAUGE OF MEMEBERS AND ALL CONNECTIONS IN SHOP DRAWINGS AND SUBMIT WITH SUPPORTING CALCULATIONS. SHOP DRAWINGS AND CALCULATIONS SHALL BE SEALED BY A PROFESSIONAL ENGINEER IN THE PROJECT STATE.
2. ALL METAL STUD COMPONTENTS SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH UFC 3-301-01,UFC 4-010-01 DOD MINIMUM ANTI-TERRORISM STANDARDS FOR BUILDINGS DATED DECEMBER 12, 2018, AND MCO 5530.14A, MARINE CORPS PHYSICAL SECURITY PROGRAM MANUAL. HOWEVER, NO COMPONENT SHALL BE DESIGNED FOR LESS THAN THE DESIGN LOADS SHOWN ON THIS SHEET OR OTHER APPLICABLE BUILDING CODES.
3. DESIGN FABRACTION, AND ERECTION SHALL CONFORM TO AISI "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" LATEST EDITION. ALL METAL STUDS SHALL BE GALVANIZED.
4. ALL 33 MIL AND 43 MIL STUDS JOISTS TRACK BRIDGING, END CLOUSRES, AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF AISI "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" WITH MINIMUM YIELD OF 33 KSI UNO ALL 54 MIL AND THICKER MEMBERS SHALL HAVE A MINIMUM YIELD OF 50 KSI.
5. ALL MATERIALS AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING G-60 GALVANIZED COATING MEETING ASTM A653.
6. UNLESS NOTED OTHERWISE, ALL SCREWS OR PENS SHALL BE NON-CORROSIVE NO. 8-18 (D=.125") OR LARGER. DO NOT USE STAINLESS STEEL OR COPPER-COATED FASTENERS.
7. UNLESS NOTED OTHERWISE. TRACKS SHALL BE THE SAME DEPTH AS STUDS OR JOISTS AND OR EQUAL OR THICKER GAUGE THAN STUDS OR JOISTS.
8. THE QUANITITY OF STUDS AND JOISTS DISPLACED OR CUT FOR OPENING SHALL BE PLACED HALF ON EACH SIDE OF OPENING.
9. INSTALLATION OF CURTAIN WALL FRAMING SHALL ACCOMMODATE VERTICAL DISPLACEMENT OF THE PRIMARY STRUCTURE.
10. THE DESIGN OF THE SLIPTRACKS SHALL CONFORM TO GUIDELINES ESTABLISHED IN SSMA TECHNICAL NOTES NO. 1 PUBLISHED JAN. 2001
11. PROVIDE THE MANUFACTURER'S STANDARD TRACK, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED AND AS NEEDED TO PROVIDE A COMPLETE FRAMING SYSTEM. UNLESS OTHERWISE NOTED, INSTALL THE FRAMING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
12. PREPUNCHED HOLES SHALL NOT BE LOCATED WITHIN 10 INCHES OF THE STUD SUPPORT LOCATIONS.
13. USE FLUX COVERED, MILD STEEL ELECTRODES AWS E-6013, OR E-7014 FOR WELDING STEEL STUDS. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS PROCEDURES. CONSULT MANUFACTURER FOR EQUIPMENT RECOMMENDATIONS AND PROPER ELECTRODES SELECTION. TOUCH UP WELDED AREAS WITH A ZINC RICH PAINT.
14. REFERENCE SPECIFICATION SECTION 05 40 00 FOR ADDITIONAL INFORMATION.
15. ALL STUDS BACKING UP MASONRY ARE TO BE DESIGNED FOR A MAXIMUM DEFLECTION OF L/600.

PLAN LEGEND

☐	KEY NOTE
— – – (X)	COLUMN GRID MARK
W12X26	FRAMING SIZE
TOF X' - X"	TOP OF FOUNDATION
TOC X' - X"	TOP OF CONCRETE
X"	TOP OF SLAB SPOT ELEVATION
(*)	INDICATES DIMENSION TO BE VERIFIED PRIOR TO FABRICATION AND CONSTRUCTION.

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFFERRI 06/19/20 SEAL

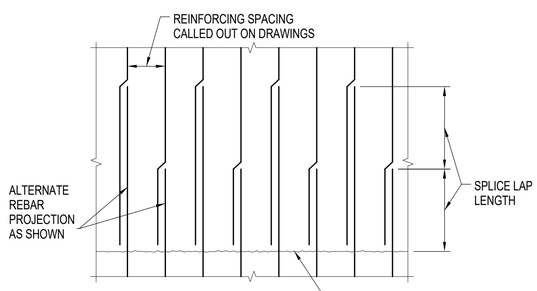
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES JMC | DRW SD | CHK RM
PM/CM SGL/RMS
BRANCH MANAGER NBJ
CHIEF ENG/ARCH EJA
FIRE PROTECTION

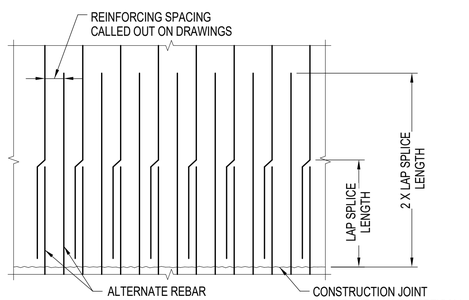
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CI CORE
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
GENERAL NOTES AND PLAN LEGEND

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794283
SHEET 64 OF 228
S-001
DRAWFORM REVISION: 17 APRIL 2018

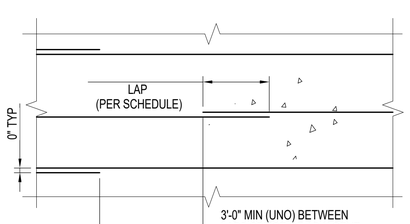
C:\n4\2016\10\136813-S-CENTRAL_Jason.Cooksey.rvt
6/25/2020 7:06:05 AM



D1 STAGGERED REINFORCING AT CONSTRUCTION JOINT
NTS

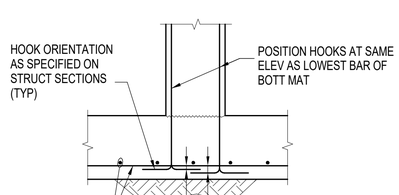


D2 WALL VERTICAL REINFORCING AT CONSTRUCTION JOINT
NTS

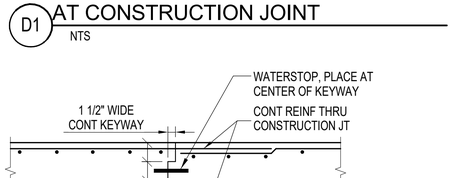


NOTE:
1. APPLIES TO SLABS AND WALLS (BOTH HORIZONTAL AND VERTICAL)

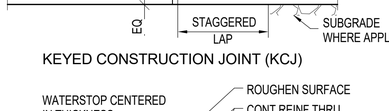
D3 REINFORCING SPLICE WHEN NOT AT CJ
NTS



D4 WALL DOWEL HOOK LOCATION
NTS



KEYED CONSTRUCTION JOINT (KCJ)

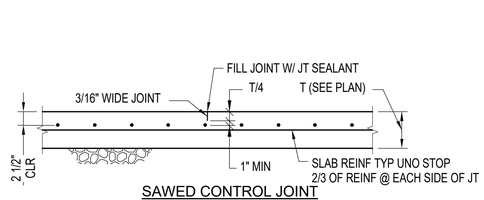


ROUGHEN CONSTRUCTION JOINT

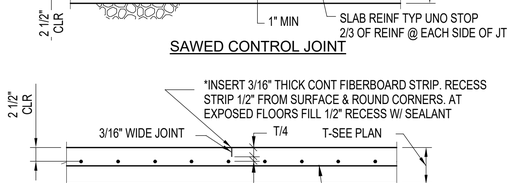
NOTES:

1. FURNISH CONSTRUCTION JOINTS SHOWN HERE AT ALL WALL VERTICAL AND SLAB CONSTRUCTION JOINTS.
2. ALL FORMED CJ MUST BE KCJ TYPE.
3. SEE SPECIFICATION FOR REQUIREMENT TO TIE WATERSTOPS IN PLACE TO PREVENT MOVEMENT OR FOLDING OVER.

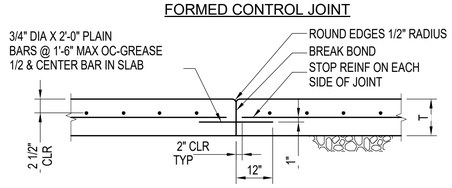
B1 CONSTRUCTION JOINT (CJ)
NTS



SAWED CONTROL JOINT



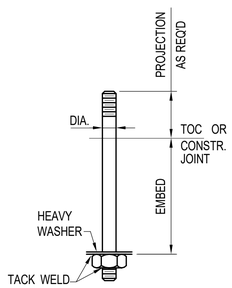
FORMED CONTROL JOINT



DOWELLED CONSTRUCTION JOINT

NOTES:
1. ANY ONE OF THE DETAILS ABOVE MAY BE USED AT LOCATIONS INDICATED ON DRAWINGS AS "SJ," AT CONTRACTOR'S OPTION.
2. ONLY FOR USE ON NON-PILE SUPPORTED SLABS.

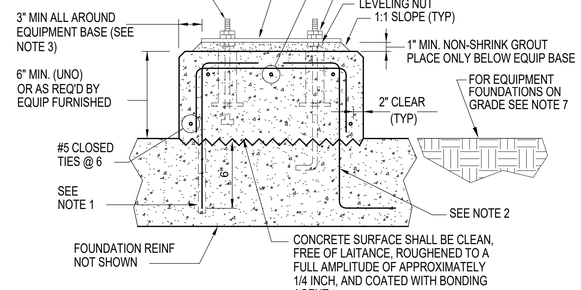
B2 SLAB-ON-GRADE JOINT (SJ)
NTS



NOTE:
1. ALL BOLTS SHALL BE STAINLESS STEEL, UNO.
2. VERIFY WITH EQUIPMENT REQUIREMENTS.
3. ALL EMBEDS SHOWN ARE PRELIMINARY AND FOR PRICING EXERCISES ONLY.
4. COORDINATED ANCHOR EMBEDMENTS SHALL BE PROVIDED ONCE SIGNED AND SEALED PEMB REACTIONS, SPECIFIED ANCHOR BOLT DIAMETER, AND ANCHOR BOLT SPACING HAVE BEEN REVIEWED BY THE EOR.

ANCHOR BOLT SCHEDULE	
DIA (IN)	EMBED (IN)
3/4"	1'-3"
1"	1'-5"
1 1/8"	1'-7"
1 1/2"	2'-1"

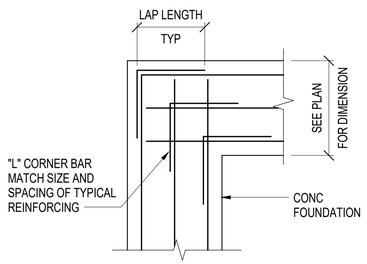
B3 ANCHOR BOLTS
NTS



NOTES:

1. FOR NEW EQUIPMENT BASES ON EXISTING SLABS, DRILL INTO EXISTING SLAB TO INDICATED DEPTH AT 12" CENTERS AROUND PERIMETER OF EQUIPMENT BASE AND SET #5 DOWEL HOOKED AS SHOWN IN ADHESIVE ANCHOR SYSTEM.
2. FOR EQUIPMENT BASES ON NEW SLABS, PROVIDE #5 DOWELS HAVING TWO HOOKED ENDS AT 12" CENTERS AROUND PERIMETER.
3. EQUIPMENT BASE DIMENSIONS SHALL BE AS INDICATED ON THE DRAWINGS OR AS DETERMINED BY THE EQUIPMENT MANUFACTURER AND APPROVED BY THE ENGINEER.
4. THE SIZE, NUMBER, TYPE, LOCATION, AND THREAD PROJECTION OF THE ANCHOR BOLTS SHALL BE AS DETERMINED BY THE EQUIPMENT MANUFACTURER AND SHALL BE AS APPROVED BY THE ENGINEER. ANCHOR BOLTS SHALL BE HELD IN POSITION WITH A TEMPLATE WHILE EQUIPMENT BASE IS BEING CAST. ALL ANCHOR BOLTS SHALL BE STAINLESS STEEL.
5. PIPE SLEEVES SHALL BE USED TO PROVIDE THE ANCHOR BOLT A MINIMUM MOVEMENT OF 1/2" IN ALL DIRECTIONS. THE MINIMUM SLEEVE LENGTH SHALL BE 8 TIMES THE BOLT DIAMETER. PIPE SLEEVES SHALL HAVE A MINIMUM INTERNAL DIAMETER 1" GREATER THAN BOLT DIAMETER AND A MAXIMUM INTERNAL DIAMETER OF 3" GREATER THAN BOLT DIAMETER. SLEEVES SHALL BE FILLED WITH NON-SHRINK GROUT AFTER INSTALLATION OF GROUT.
6. EQUIPMENT BASES SHALL BE INSTALLED LEVEL UNLESS SPECIFIED OTHERWISE, TOLERANCE IS 1/16".
7. FOR EQUIPMENT PLACED ON GRADE; EXTEND FOUNDATION MINIMUM OF 18" UNO BELOW GRADE; USE #5 @ 12" T&B EW.
8. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND DRAWINGS OF OTHER DISCIPLINES FOR LOCATIONS AND DIMENSIONS OF EQUIPMENT PADS.

A4 EQUIPMENT BASE
NTS



A1 CORNER BARS
NTS

C:\n420161010\36813-S-CENTRAL_Jason.Cooksey.rvt
6/25/2020 7:06:07 AM

APPR	DATE	SYM	DESCRIPTION

NAVFAC

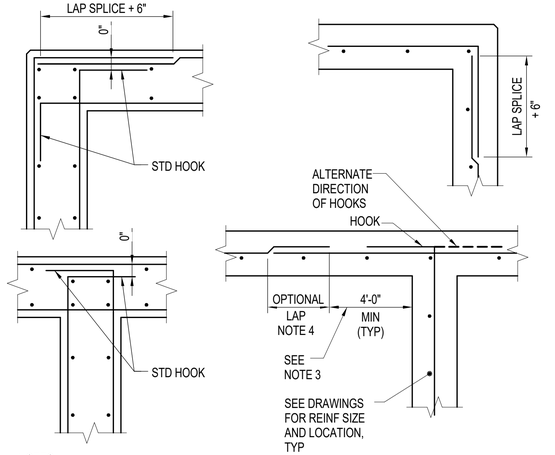
NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFFERRI 06/25/20
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES JMC | DRW SD | CHK RM
PM/DM SG/RMS
BRANCH MANAGER NBJ
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CI CORE
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
STRUCTURAL STANDARD DETAILS

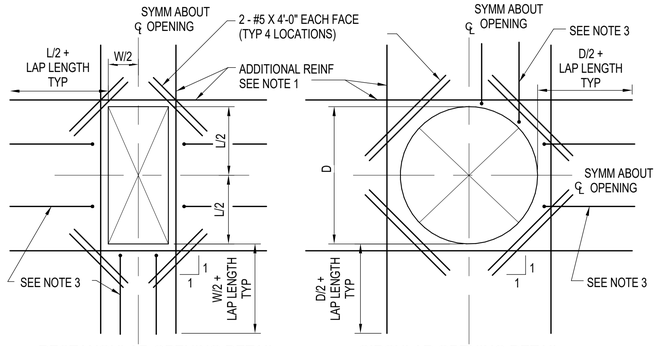
SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794284
SHEET 65 OF 228
S-002
DRAWFORM REVISION: 17 APRIL 2018



NOTES:

1. ALL HOOKS SHALL BE STD 90 DEGREE HOOKS.
2. SEE DRAWINGS FOR ADDITIONAL HORIZONTAL BARS. STAGGER BETWEEN TYPICAL REINF SPACING, EXTEND TO 1/5 OF DISTANCE TO STAGGER BETWEEN TYPICAL REINF SPACING, EXTEND TO 1/5 OF DISTANCE TO OF DISTANCE TO NEAREST ADJACENT WALL IN EACH DIRECTION, UNO.
3. OPTIONAL LAP LOCATION APPLIES TO BOTH DOUBLE AND SINGLE LAYER CONDITIONS TYP.
4. BARS MAY BE ONE PIECE CONTINUOUS, THUS TWO PIECE REBAR NOT REQUIRED WITH LAP.

C1 TYPICAL WALL REINFORCEMENT AT CORNERS & INTERSECTIONS
NTS



RECTANGULAR OPENING DETAIL

CIRCULAR OPENING DETAIL

NOTES:

1. PROVIDE ADDITIONAL REINFORCING THE SAME SIZE AS DISCONTINUOUS REINFORCEMENT AT OPENING. QUANTITY OF REINFORCING IN EACH DIRECTION SHALL BE EQUAL TO OR ONE GREATER THAN THE NUMBER OF DISCONTINUOUS BARS. PLACE 1/2 OF ADDITIONAL REINFORCING BARS EACH SIDE OF OPENING. PLACE ADDITIONAL REINFORCEMENT AT 3" OC (TYPICAL BOTH DIRECTIONS AND ALL LAYERS OF REINFORCEMENT). START FIRST BAR 2" CLEAR TO OPENING.
2. EXTEND ADDITIONAL REINFORCING BEYOND EDGE OF OPENING AS SHOWN ABOVE. ADDITIONAL BARS MAY TERMINATE AT THE END OF THE WALL WITH A STANDARD HOOK WHERE THE LENGTH OF THE WALL WILL NOT PERMIT BARS TO EXTEND AS SHOWN ABOVE.
3. TYPICAL WALL OR SLAB REINFORCING NOT COMPLETELY SHOWN FOR CLARITY. TERMINATE TYPICAL REINFORCING 2" CLEAR TO OPENING WITH STANDARD 90° HOOKS.
4. OPENINGS 12" OR LESS IN SLABS AND WALLS, NO EXTRA REBARS ARE REQUIRED UNLESS SHOWN OTHERWISE. TYPICAL REINFORCING SHALL BE RESPACED (NOT CUT) TO ALLOW FOR OPENINGS TO BE MADE.
5. UNLESS SHOWN OTHERWISE ON DRAWINGS, PROVIDE EXTRA REINFORCING AROUND OPENINGS AS SHOWN AND INDICATED ABOVE.
6. PROVIDE ADDITIONAL DOWELS PER NOTE 1 ABOVE FOR ALL OPENINGS NEAR THE FLOOR SLAB, BASE SLAB, OR CORNERS

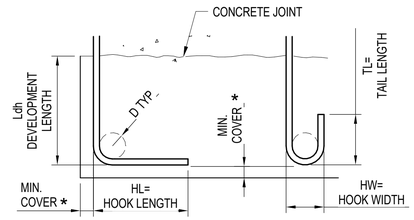
C2 REINFORCING AROUND OPENINGS AND REENTRANT CORNERS
NTS

LAP SPLICE AND EMDEDMENT LENGTHS f'c =4.0 ksi fy = 60 ksi		
BAR	BARS SPACED GREATER THAN 4"	BARS SPACED LESS THAN OR EQUAL TO 4"
#3	14"	14"
#4	19"	19"
#5	24"	30"
#6	29"	43"
#7	46"	74"
#8	60"	96"
#9	76"	122"
#10	97"	155"
#11	120"	191"

NOTES:

1. PROVIDE MINIMUM LAP SPLICE LENGTHS AND EMBEDMENTS PER TABLE UNLESS NOTED OTHERWISE. EMBEDMENT LENGTH EQUALS THE LAP SPLICE LENGTH UNLESS OTHERWISE NOTED.
2. BAR SPACING AT LAP SPLICE IS THE MINIMUM CLEAR DISTANCE BETWEEN LAPPED BARS PLUS ONE BAR DIAMETER.
3. ALL SPLICES TO BE CONTACT SPLICES AND WIRED TOGETHER UNLESS OTHERWISE APPROVED BY ENGINEER.
4. REQUIREMENTS FOR SPACINGS 4 INCHES OR LESS SHALL NOT APPLY TO "ADD" BARS AROUND OPENINGS.

C4 REINFORCING LAP AND EMBEDMENT SCHEDULE
NTS



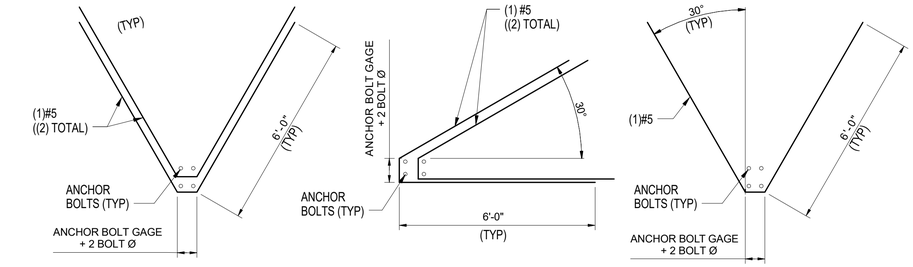
90° STD HOOK

180° STD HOOK

BAR SIZE GRADE 60	HL	HW	TL	D	f'c=4000 psi OR GREATER Ldh *
#3	6"	3"	4"	2 1/4"	6"
#4	8"	4"	4 1/2"	3"	7"
#5	10"	5"	5"	3 3/4"	9"
#6	1'-0"	6"	6"	4 1/2"	10"
#7	1'-2"	7"	7"	5 1/4"	12"
#8	1'-4"	8"	8"	6"	14"
#9	1'-7"	11 3/4"	10 1/2"	9 1/2"	15"
#10	1'-10"	1'-1 1/4"	11 1/2"	10 3/4"	17"
#11	2'-0"	1'-2 3/4"	1'-1"	12"	19"

* COMPLYING WITH MINIMUM COVER REQUIREMENTS OF ACI 318, 12.5.3. OTHERWISE Ldh MUST BE RE-CALCULATED.

C5 REINFORCING HOOK SCHEDULE
NTS

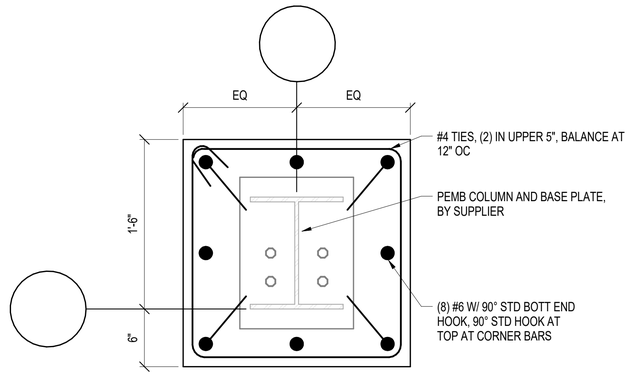


H1 H2 H3

B1 HAIRPIN DETAIL
NTS

FOOTING SCHEDULE

MARK	THICKNESS	WIDTH	LENGTH	REINFORCING
F4.0	1'-0"	4'-0"	4'-0"	(4) #5 TOP AND BOTTOM EW
F5.5	1'-0"	5'-6"	5'-6"	(5) #5 TOP AND BOTTOM EW
F6.0	1'-0"	6'-0"	6'-0"	(6) #5 TOP AND BOTTOM EW
F8.0	1'-4"	8'-0"	8'-0"	(7) #6 TOP AND BOTTOM EW
F9.0	1'-6"	9'-0"	9'-0"	(8) #6 TOP AND BOTTOM EW
F13.0	3'-0"	13'-0"	13'-0"	(12) #8 TOP AND BOTTOM EW



NOTE: PIER DIMENSION MAY CHANGE BASED ON PEMB SUPPLIER PROVIDED BASE PLATE

A3 PIER DETAIL - P1
NTS

STEEL LOOSE LINTEL SCHEDULE			
CLEAR OPENING	ONE ANGLE FOR EA. 4" WYTHE MASONRY VENEER	MIN. BRG.	DETAIL
0'-8" TO 3'-4"	L 3 1/2" x 3 1/2" x 1/4"	4"	NOM. 4" WYTHE
3'-4" TO 5'-4"	L 4" x 3 1/2" x 1/4" LLV	6"	
5'-4" TO 7'-4"	L 5" x 3 1/2" x 5/16" LLV	8"	
7'-4" TO 8'-0"	L 6" x 4" x 5/16" LLV (NOTE 5)	8"	

NOTES:

1. WHERE LINTELS BEAR ON HOLLOW MASONRY UNITS FILL ALL CORES UNDER BEARING WITH GROUT FROM BOTTOM OF LINTEL TO 16" MINIMUM BELOW LINTEL.
2. THESE LINTELS ARE NOT DESIGNED FOR MASONRY WALLS THAT CARRY FLOOR LOAD.
3. LOOSE LINTELS ARE TO BE HOT DIP GALVANIZED PER ASTM A123.
4. LOOSE LINTELS SHOWN ARE TYPICAL, UNO ON PLANS. SEE KEYNOTES FOR ADDITIONAL REQUIREMENTS.
5. WHERE NOTED ON TABLE, HEIGHT OF VENEER SUPPORTED SHALL NOT EXCEED 8'-0"

A4 LOOSE LINTEL SCHEDULE
NTS

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFFERRI

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
Jason S. Cockley, P.E.
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	JMC	DRW	SD	CHK	RM

PM/DM SGL/RMS
BRANCH MANAGER NBJ
CHIEF ENG/ARCH EJA
FIRE PROTECTION

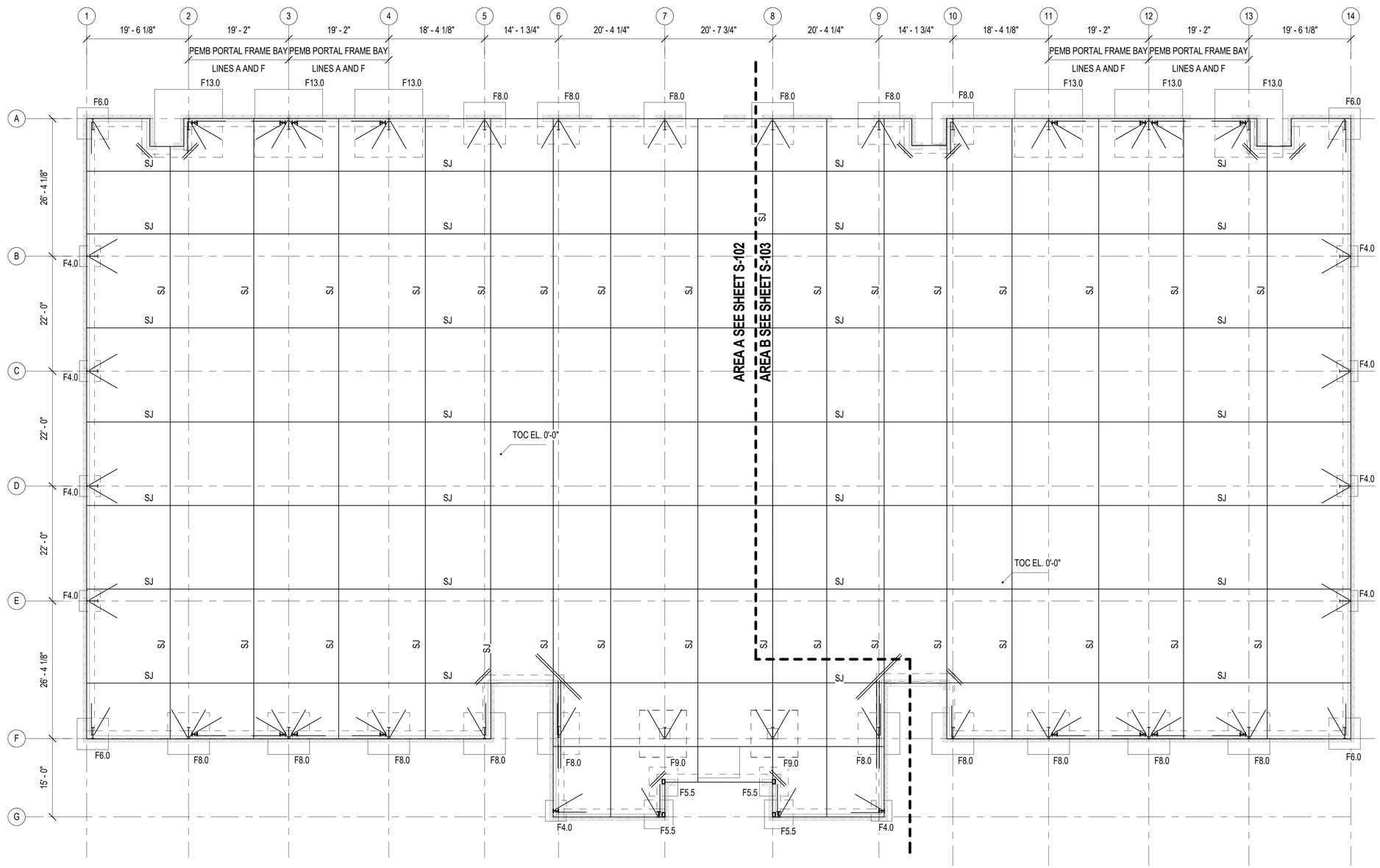
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
STRUCTURAL STANDARD DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794285
SHEET 66 OF 228

S-003

DRAWFORM REVISION: 17 APRIL 2018

C:\n\r\2016\10\1360\13-S-CENTRAL_Jason.Cockley.rvt
6/25/2020 7:06:09 AM

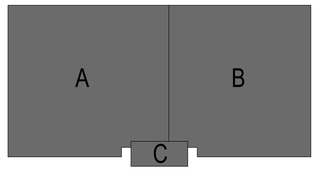


A2 FOUNDATION AND GROUND FLOOR PLAN
3/32" = 1'-0"
0' 6' 12' 18'

GENERAL NOTES

1. REFER TO S-001 FOR GENERAL NOTES AND PLAN LEGEND.
2. FINISHED FLOOR ELEVATION = 0'-0" (27.50' ACTUAL) UNO. TOP OF SLAB IS AT FINISHED FLOOR ELEVATION UNO. ALL PLUS AND MINUS DIMENSIONS INDICATED ARE RELATIVE TO THE FINISHED FLOOR ELEVATION.
3. TOP OF FOUNDATION ELEVATION SHALL BE (-)2'-0", UNO.
4. FX.X INDICATES CONCRETE COLUMN FOUNDATION. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
5. P# INDICATES REINFORCED CONCRETE PIER. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
6. SJ INDICATES SAWN FLOOR JOINT. SEE SHEET S-002 FOR ADDITIONAL INFORMATION.
7. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS, AND DRAWINGS OF OTHER DISCIPLINES FOR LOCATIONS AND DIMENSIONS OF OPENINGS, DEPRESSIONS, FLOOR SLOPES & DRAINS, AND EDGE OF SLAB.
8. SEE SHEET B-101 FOR BUILDING PAD PRELOADING REQUIREMENTS.
9. COORDINATE LOCATION OF ALL PEMB COMPONENTS WITH EXTERIOR WALL SYSTEM, INCLUDING BUT NOT LIMITED TO PORTAL FRAMES, WIND POSTS, AND MAIN FRAMES.
10. (*) INDICATES DIMENSION TO BE VERIFIED PRIOR TO FABRICATION AND CONSTRUCTION.

KEYNOTES



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFERRI

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	JMC	DRW	SD	CHK	RM

PM/DM SGL/RMS
BRANCH MANAGER NBJ
CHIEF ENG/ARCH EJA
FIRE PROTECTION

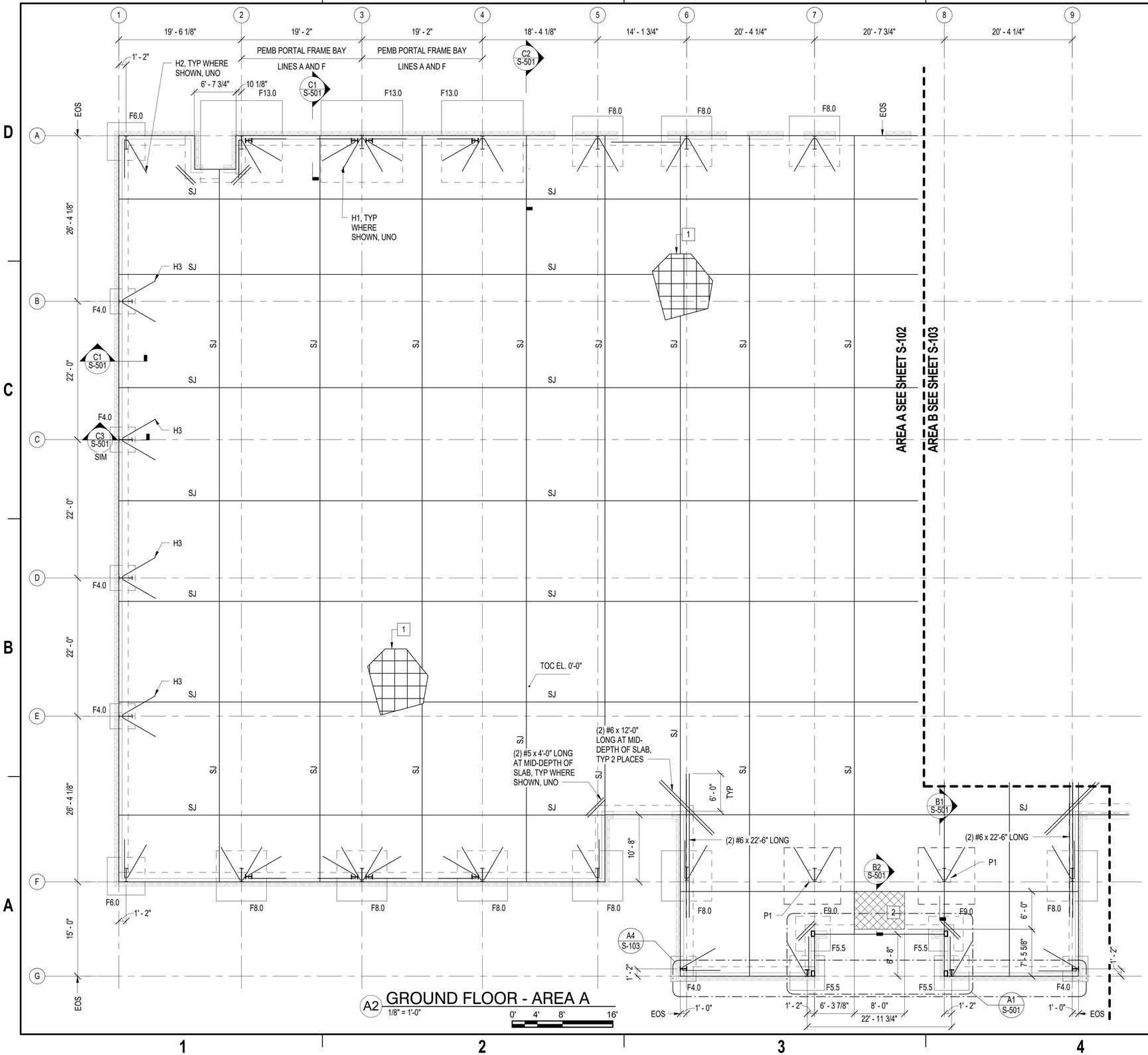
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FOUNDATION AND GROUND FLOOR PLAN - OVERALL

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794286
SHEET 67 OF 228

S-101

DRAWFORM REVISION: 17 APRIL 2018

C:\vr\2019\10\1360613-S-CENTRAL_Jason.Cooksey.rvt
6/22/2020 7:06:11 AM



FOUNDATION GENERAL NOTES

1. REFER TO S-001 FOR GENERAL NOTES AND PLAN LEGEND.
2. FINISHED FLOOR ELEVATION = 0'-0" (27.50' ACTUAL) UNO. TOP OF SLAB IS AT FINISHED FLOOR ELEVATION UNO. ALL PLUS AND MINUS DIMENSIONS INDICATED ARE RELATIVE TO THE FINISHED FLOOR ELEVATION.
3. TOP OF FOUNDATION ELEVATION SHALL BE (-)2'-0", UNO.
4. FX.X INDICATES CONCRETE COLUMN FOUNDATION. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
5. P# INDICATES REINFORCED CONCRETE PIER. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
6. SJ INDICATES SAWN FLOOR JOINT. SEE SHEET S-002 FOR ADDITIONAL INFORMATION, LOCATE SJ AT MIDPOINTS BETWEEN COLUMNS. UNO
7. H# INDICATES HAIRPIN REFORCING. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
8. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS AND DRAWINGS OF OTHER DISCIPLINES FOR LOCATIONS AND DIMENSIONS OF OPENINGS, DEPRESSIONS, FLOOR SLOPES & DRAINS, AND EDGE OF SLAB.
9. SEE SHEET B-101 FOR BUILDING PAD PRELOADING REQUIREMENTS.
10. COORDINATE LOCATION OF ALL PEMB COMPONENTS WITH EXTERIOR WALL SYSTEM, INCLUDING BUT NOT LIMITED TO PORTAL FRAMES, WIND POSTS, AND MAIN FRAMES.
11. (*) INDICATES DIMENSION TO BE VERIFIED PRIOR TO FABRICATION AND CONSTRUCTION.

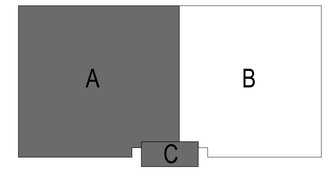
FOUNDATION KEY NOTES

1. 6" THICK CONCRETE SLAB WITH #4@12" EW @ MID-THICKNESS. PLACE 15 MIL VAPOR RETARDER BETWEEN SLAB AND 6" OF #57 STONE (CAPILLARY BREAK).
2. RECESSED WALK OFF MAT, SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION.

LEGEND:

EOS INDICATES EDGE OF STEEL

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFERRI

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	JMC	DRW	SD	CHK	RM

PM/OM SGL/RMS

BRANCH MANAGER NBJ

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CI CORE
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

FOUNDATION AND GROUND FLOOR PLAN - AREA A

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

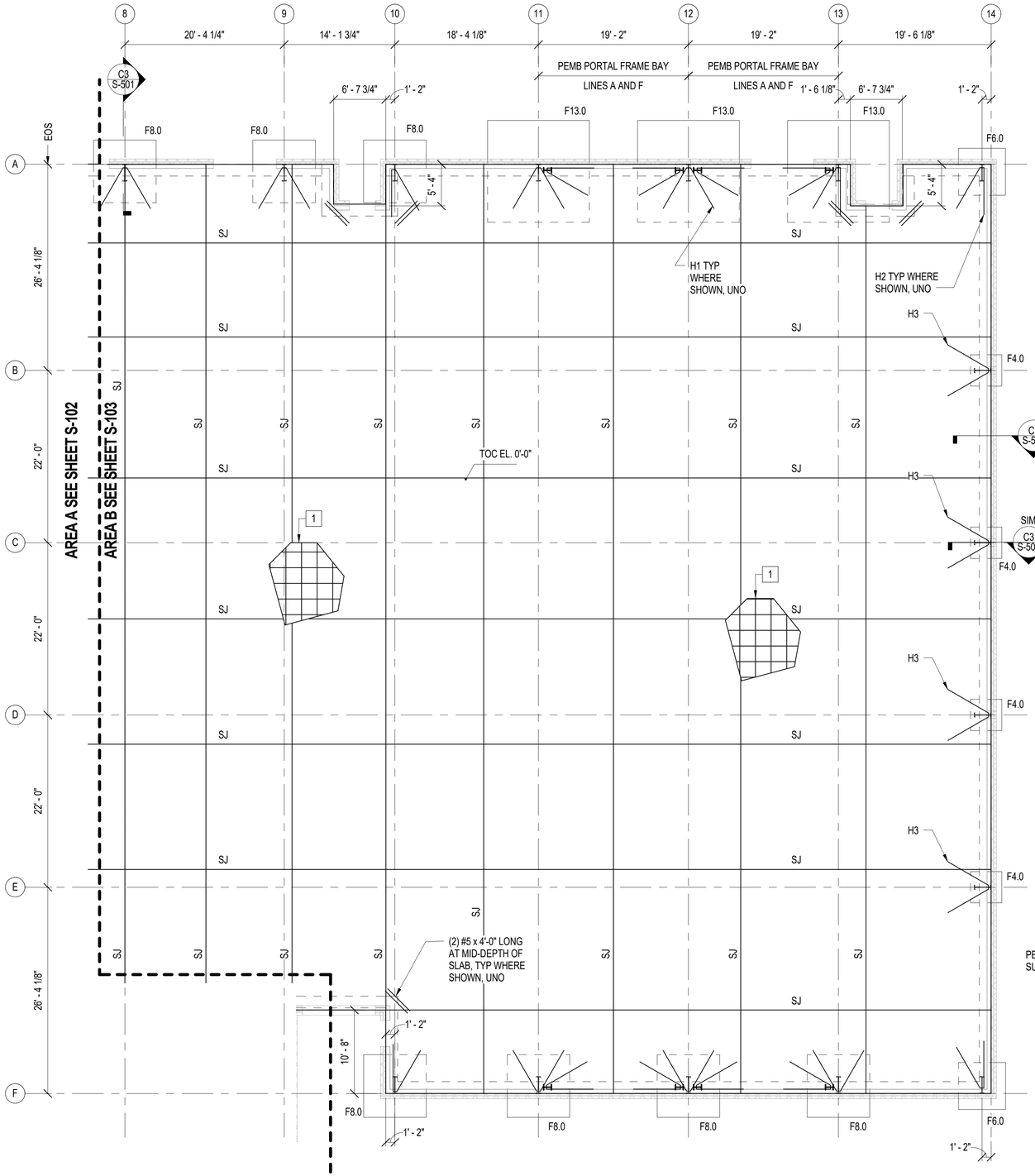
NAVFAC DRAWING NO. 12794287

SHEET 68 OF 228

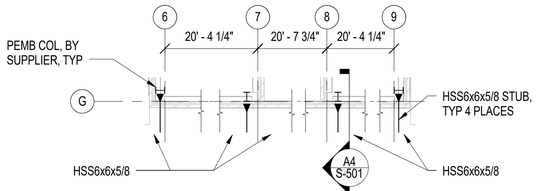
S-102

DRAWFORM REVISION: 17 APRIL 2018

C:\e20161610186913-S-CENTRAL_Jason.Cooksey.rvt
6/25/2020 7:06:12 AM



A2 GROUND FLOOR - AREA B
1/8" = 1'-0"
0' 4' 8' 16'



- INDICATES MOMENT CONNECTION
DESIGN LOADS, ASCE 7-10 (UNFACTORED):

M (FT-KIP)	V (KIP)
DEAD: 7.1	DEAD: 1.8
ROOF LIVE: 7.1	ROOF LIVE: 1.8
WIND (DOWN): 10.1	WIND (DOWN): 2.7
WIND (UPLIFT): 30.7	WIND (UPLIFT): 7.7

A4 ENLARGED DETAIL PLAN
NOT TO SCALE (S-102) BOS EL 14'-2 5/8" (TYP, UNO)

FOUNDATION GENERAL NOTES

1. REFER TO S-001 FOR GENERAL NOTES AND PLAN LEGEND.
2. FINISHED FLOOR ELEVATION = 0'-0" (27.50' ACTUAL) UNO. TOP OF SLAB IS AT FINISHED FLOOR ELEVATION UNO. ALL PLUS AND MINUS DIMENSIONS INDICATED ARE RELATIVE TO THE FINISHED FLOOR ELEVATION.
3. TOP OF FOUNDATION ELEVATION SHALL BE (-)2'-0", UNO.
4. FX.X INDICATES CONCRETE COLUMN FOUNDATION. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
5. P# INDICATES REINFORCED CONCRETE PIER. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
6. SJ INDICATES SAWN FLOOR JOINT. SEE SHEET S-002 FOR ADDITIONAL INFORMATION, LOCATE SJ AT MIDPOINT BETWEEN COLUMNS, UNO.
7. H# INDICATES HAIRPIN REINFORCING. SEE SHEET S-003 FOR ADDITIONAL INFORMATION.
8. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS, AND DRAWINGS OF OTHER DISCIPLINES FOR LOCATIONS AND DIMENSIONS OF OPENINGS, DEPRESSIONS, FLOOR SLOPES & DRAINS, AND EDGE OF SLAB.
9. SEE SHEET B-101 FOR BUILDING PAD PRELOADING REQUIREMENTS.
10. COORDINATE LOCATION OF ALL PEMB COMPONENTS WITH EXTERIOR WALL SYSTEM, INCLUDING BUT NOT LIMITED TO PORTAL FRAMES, WIND POSTS, AND MAIN FRAMES.
11. (*) INDICATES DIMENSION TO BE VERIFIED PRIOR TO FABRICATION AND CONSTRUCTION.

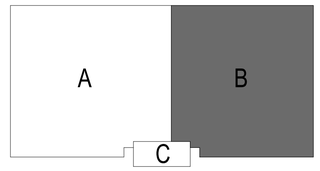
FOUNDATION KEY NOTES

1. 6" THICK CONCRETE SLAB WITH #4@12" EW @ MID-THICKNESS. PLACE 15 MIL VAPOR RETARDER BETWEEN SLAB AND 6" OF #57 STONE (CAPILLARY BREAK).

LEGEND:

EOS INDICATES EDGE OF STEEL

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFERRI

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	JMC	DRW	SD	CHK	RM

PM/OM	SGL/RMS
BRANCH MANAGER	NBJ / NBJ
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

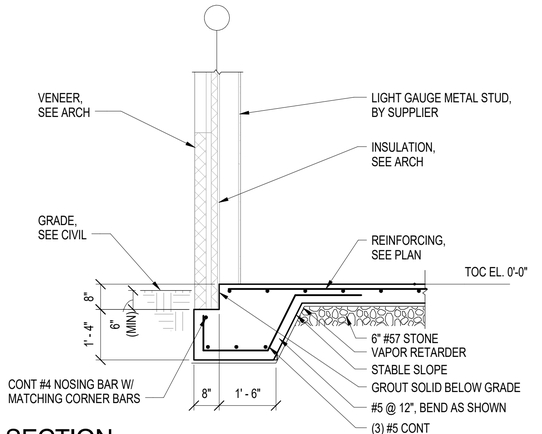
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CI CORE
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FOUNDATION AND GROUND FLOOR PLAN - AREA B

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794288
SHEET	69 OF 228

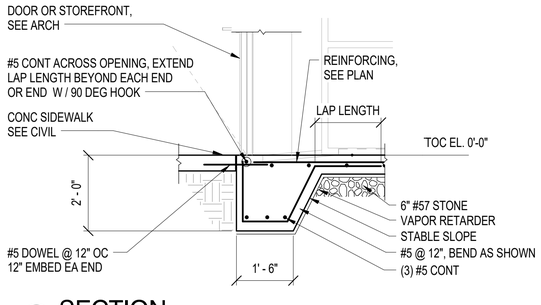
S-103

DRAWFORM REVISION: 17 APRIL 2018

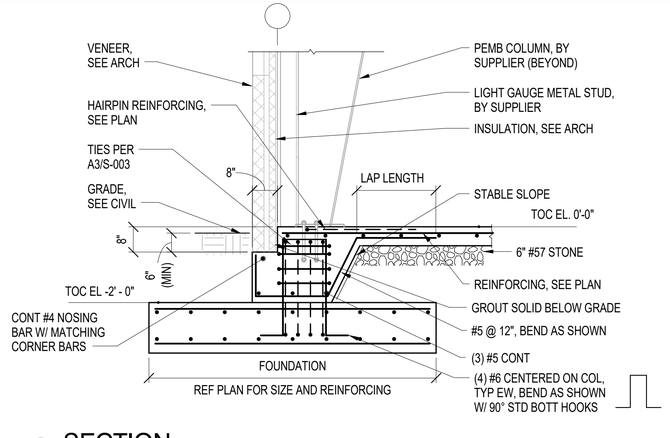
C:\e62016\10136813-S-CENTRAL_Jason.Cooksey.rvt
6/25/2020 7:06:14 AM



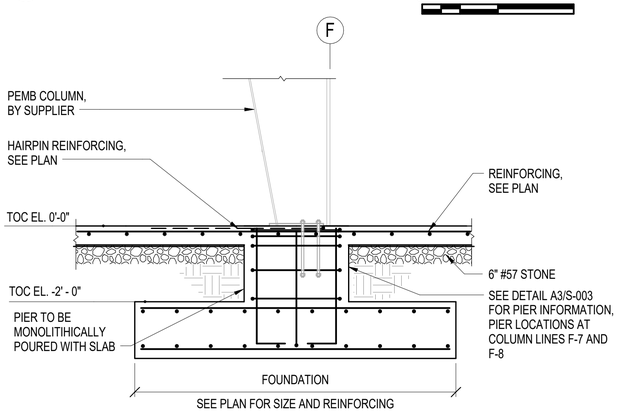
C1 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



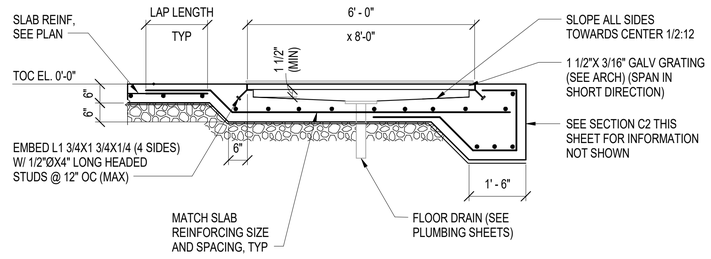
C2 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



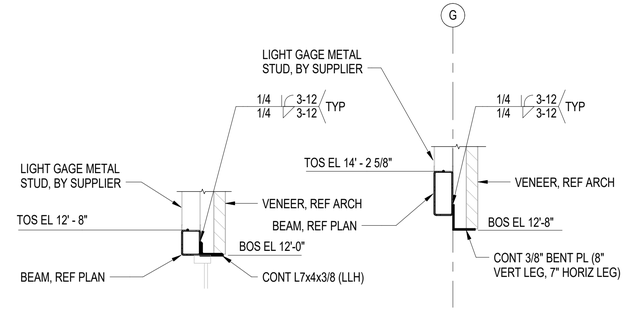
C3 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



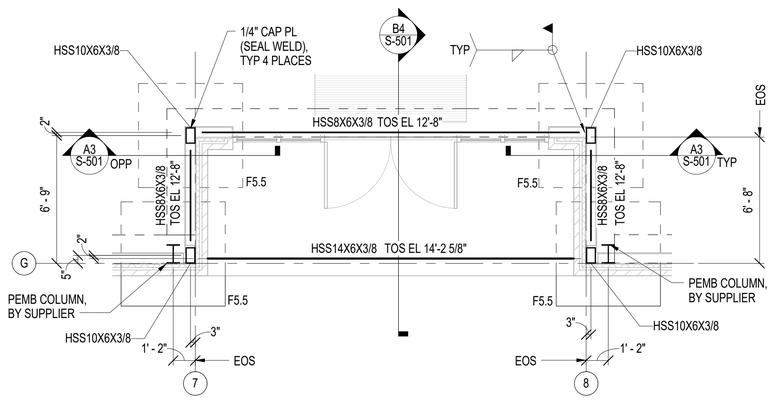
B1 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



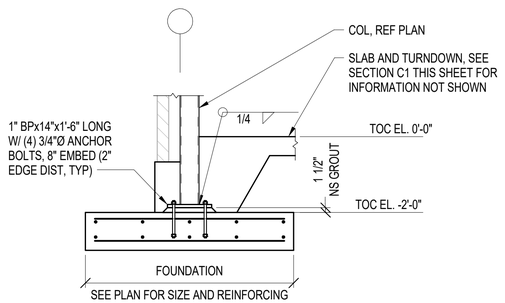
B2 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



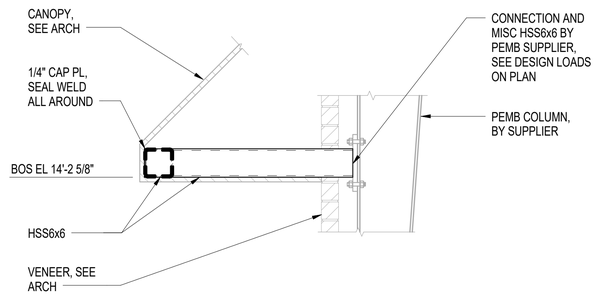
B4 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



A1 ENLARGED DETAIL PLAN
1/4" = 1'-0"
0' 2' 4' 8'



A3 SECTION
1/2" = 1'-0"
0' 1' 2' 4'



A4 SECTION
3/4" = 1'-0"
0' 1' 2' 3'

C:\rvt\2016\1913691\S-CENTRAL_Jason.Cooksey.rvt
6/25/2020 7:06:17 AM

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 022563 ENGINEER RANDY MACCAFERRI
SEAL

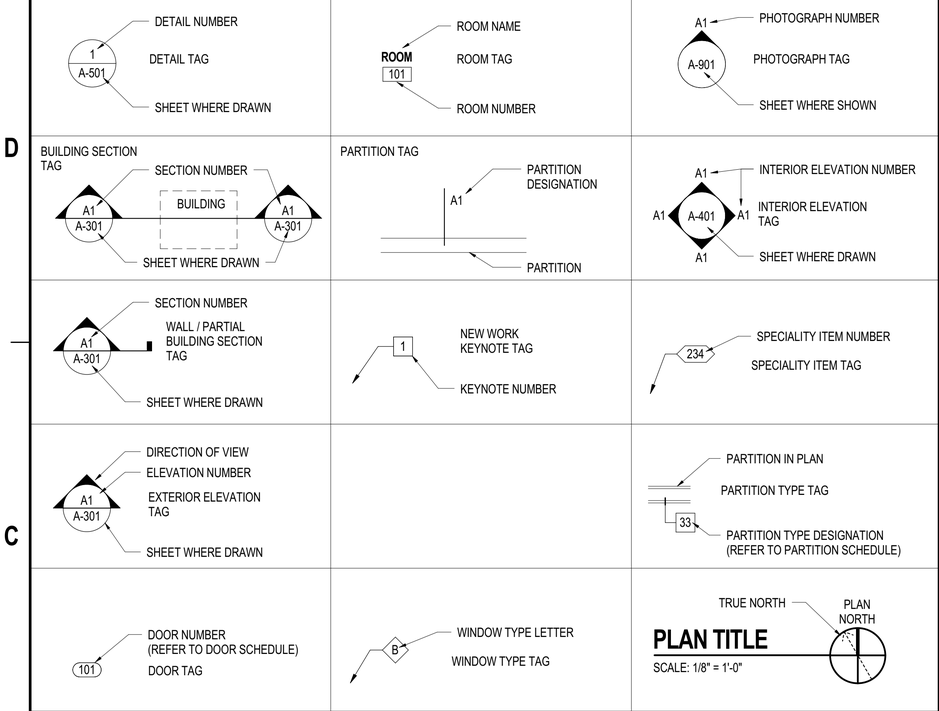
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES JMC | DRW SD | CHK RM
PM/DM SGL/RMS
BRANCH MANAGER NBJ
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CI CORE
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
STRUCTURAL SECTIONS & DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794289
SHEET 70 OF 228
S-501
DRAWFORM REVISION: 17 APRIL 2018

ARCHITECTURAL SYMBOLS



MATERIALS LEGEND

SECTION	ELEVATION
WOOD - ROUGH	CMU - PAINTED
WOOD BLOCKING	CMU - PAINTED - ACCENT
PLYWOOD	GLAZING
CONCRETE MASONRY UNIT	CONCRETE FOUNDATION
BRICK	BRICK - RUNNING
CAST-IN-PLACE CONCRETE	BRICK - SOLDIER COURSE
STEEL	
ALUMINUM	
GYPSUM BOARD	
BATT/LOOSE FILL INSULATION	
RIGID INSULATION	
SAND / MORTAR / PLASTER	
EARTH / COMPACT FILL	
POROUS FILL / GRAVEL	
ACOUSTICAL TILE CEILING	
CERAMIC TILE	
FINISHED WOOD	

GENERAL NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS DISCOVERED. DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL CHECK ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AS SHOWN BEFORE PROCEEDING WITH THE WORK. NOTIFY CONTRACTING OFFICER AND ARCHITECT IN WRITING FOR CLARIFICATION IF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.
3. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
4. ALL DIMENSIONS GIVEN AS CLEAR ARE NOT ADJUSTABLE WITHOUT PRIOR APPROVAL BY WAY OF RFI.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
7. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
8. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING HANGERS OR OTHER SUPPORTS FOR ALL FIXTURES, EQUIPMENT, CABINETRY, FURNISHINGS AND ALL OTHER ITEMS REQUIRING SAME.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION OF MATERIAL AND EQUIPMENT. PROVIDE PATCH/REPAIR IN ALL AREAS AS REQUIRED (WHETHER SPECIFICALLY SHOWN OR NOT) TO ACCOMMODATE ALL WORK REQUIRED WITHIN THIS SCOPE OF WORK FOR ALL MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION.
11. 'TYPICAL' OR 'TYP' MEANS THAT THE CONDITION IS REPRESENTATIVE FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED. 'SIMILAR' OR 'SIM' MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. 'ALIGN' AS USED IN THESE DOCUMENTS MEANS TO ACCURATELY LOCATE FINISHES IN THE SAME PLANE.
12. REFER TO DOOR SCHEDULE AND WALL PARTITION TYPE SHEETS AND 'I' SERIES SHEETS FOR INTERIOR ROOM FINISH SCHEDULE AND ADDITIONAL NOTES/DIRECTIONS.
13. LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE WITH DETAILS TAKING PRECEDENCE OVER EITHER. CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER OF ANY CONFLICTS OR DISCREPANCIES WITH EITHER DRAWINGS OR SPECIFICATIONS, IN WRITING, PRIOR TO SHOP DRAWING SUBMITTAL AND/OR PROCEEDING WITH THE WORK IN QUESTION.
14. HIGHER RATED FIRE WALLS TAKE PRECEDENCE OVER LOWER RATED WALLS & ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
15. ALL SMOKE BARRIER WALLS ARE TO EXTENDED FROM BACK SIDE OF EXTERIOR WALL SHEATHING TO BACK SIDE OF EXTERIOR WALL SHEATHING OR ANOTHER SMOKE BARRIER WALL.
16. CONTRACTOR TO PURCHASE AND INSTALL ALL APPLIANCES AND EQUIPMENT IN PROJECT.
17. NO WORK TO BE PERFORMED BY ANY THIRD TIER CONTRACTOR.
18. CONTRACTOR IS RESPONSIBLE TO PERFORM ALL WORK PER LOCAL AND STATE CODES, AND JURISDICTION HAVING AUTHORITY.

GOVERNING REGULATIONS

SEE G-002

BUILDING DESIGN CRITERIA

SEE G-002

ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLT	CPT	CARPET / COMMON PATH OF TRAVEL	GALV	GALVANIZED	OA	OUTSIDE AIR
ACS PNL	ACCESS PANEL	CT	CERAMIC TILE	GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED	OC	ON CENTER
ADJ	ADJUST	CTR	CENTER	GL	GLASS / GROUND LEVEL	OD	OUTSIDE DIAMETER / DIMENSION
ALT	ALTERNATE, ALTITUDE	D	DEPTH / DEEP	GR	GROSS	OFS	OUTSIDE FACE OF STEEL
ALUM	ALUMINUM	DEG	DEGREE	GSU	GLAZED STRUCTURAL UNIT	OPH	OPPOSITE HAND
ANOD	ANODIZED	DEMO	DEMOLITION	GYP	GYPSUM	OPNG	OPENING
APPROX	APPROXIMATE	DET	DETAIL	H	HIGH	OPP	OPPOSITE
ARCH	ARCHITECT	DIA	DIAMETER	HB	HOSE BIB	OPT	OPTIONAL
ASPH	ASPHALT	DIM	DIMENSION	HDW	HARDWARE	PCT	PERCENT
ATC	ACOUSTICAL TILE CEILING	DR	DRAIN	HM	HOLLOW METAL	PEJ	PREMOLDED EXPANSION JOINT
BD	BOARD	DS	DOWNSPOUT	HORIZ	HORIZONTAL	PEMB	PRE-ENGINEERED METAL BUILDING (MBS - METAL BUILDING SYSTEM)
BLDG	BUILDING	DW	DISHWASHER	HT	HEIGHT		
BLW	BELOW	DWG	DRAWING	HVY	HEAVY	PL	PROPERTY LINE
BM	BEAM	E	EAST	ID	INSIDE DIAMETER	PLAS	PLASTER / PLASTIC
BOS	BOTTOM OF SLAB / STEEL	EA	EACH	INSUL	INSULATION / INSULATED	PLYWD	PLYWOOD
BOT	BOTTOM	EIFS	EXTERIOR INSULATION & FINISH SYSTEM	INT	INTERIOR	PNL	PANEL
BRG	BEARING	EJ	EXPANSION JOINT	J-BOX	JUNCTION BOX	PRELIM	PRELIMINARY
BSMT	BASEMENT	EL	ELEVATION	JAN	JANITOR CLOSET	PSF	POUNDS PER SQUARE FOOT
BTWN	BETWEEN	ELEC	ELECTRIC / ELECTRICAL	LAV	LAVATORY	PSI	POUNDS PER SQUARE INCH
C TO C	CENTER TO CENTER	EPDM	ETHLENE PROPYLENE DIEN MONOMER	LB	POUND	PT	PAINT
CAB	CABINET	EQ	EQUAL	LT	LIGHT	QT	QUARRY TILE
CEM	CEMENT	EQUIP	EQUIPMENT	MACH	MACHINE	R	RADUIS / RISER
CER	CERAMIC	EW	EACH WAY	MATL	MATERIAL	RA	RETURN AIR
CFMF	COLD FORMED METAL FRAMING	EWC	ELECTRIC WATER COOLER	MAX	MAXIMUM	RAD	RETURN AIR DUCT
CI	CAST IRON	EXH	EXHAUST	MBS	METAL BUILDING SYSTEM	RB	RESILIENT BASE
CIP	CAST IRON PIPE	EXIST	EXISTING	MECH	MECHANICAL	RD	ROOF DRAIN / ROAD
CJ	CONTROL / CONSTRUCTION JOINT	EXP	EXPANSION / EXPOSED / EXPAND	MFG	MANUFACTURING	REFL	REFLECT
CLG	CEILING	EXT	EXTERIOR	MFR	MANUFACTURER	REFR	REFRIGERATION
CLG REG	CEILING REGISTER	FD	FLOOR DRAIN	MIN	MINIMUM / MINUTE	REINF	REINFORCE
CLR	CLEAR	FDTN	FOUNDATION	MISC	MISCELLANEOUS	REQD	REQUIRED
CMU	CONCRETE MASONRY UNIT	FF	FINISH FACE	ML	MATCH LINE	REV	REVISION
CND	CONDUIT	FG	FIGURE	MO	MASONRY OPENING / MOTOR OPERATED	RF	RESILIENT FLOORING
CNDS	CONDENSATE	FHC	FIRE HOUSE CABINET	MTD	MOUNTED	RL	ROOF LEADER
CNSTR	CONSTRUCTION	FIN FLR	FINISHED FLOOR	MTG	MOUNTING / MEETING	RM	ROOM
CNTR	CNTR	FOF	FACE OF FINISH	MTL	METAL	RND	ROUND
CO	CLEANOUT	FOM	FACE OF MASONRY	MWP	MEMBRANE WATERPROOFING	RO	ROUGH OPENING
COL	COLUMN	FOS	FACE OF STUB / FACE OF SLAB	N	NORTH	RS	ROUGH SAWN
CONC	CONCRETE	FR	FRAME / FIRE RATING / FIRE RESISTANT	NIC	NOT IN CONTRACT	RT	RIGHT
CONN	CONNECT	FT	FOOT, FEET	NO	NUMBER	S	SOUTH
CONT	CONTINUE / CONTINUOUS	FTG	FOOTING	NOM	NOMINAL	SAPC	SUSPENDED ACOUSTICAL PANEL CEILING
CORR	CORRIDOR	GA	GAUGE	NTS	NOT TO SCALE	SCHED	SCHEDULE
						SECT	SECTION
						SF	SQUARE FOOT
						SH	SHINGLES / SINGLE HUNG
						SIM	SIMILAR
						SPC	SUSPENDED PLASTER CEILING
						SPEC	SPECIFICATION
						SQ	SQUARE
						STD	STANDARD
						STOR	STORAGE
						STR	STRAIGHT STRIKE / STRINGERS
						SUSP	SUSPENDED
						T&B	TOP AND BOTTOM
						TEL	TELEPHONE
						THRES	THRESHOLD
						THRU	THROUGH
						TOS	TOP OF SLAB / STEEL
						TYP	TYPICAL
						UON	UNLESS OTHERWISE NOTED
						V	VOLT
						VAR	VARIATION
						VB	VINYL BASE
						VCT	VINYL COMPOSITION TILE
						VENT	VENTILATION / VENTILATOR
						VERT	VERTICAL
						VEST	VESTIBULE
						VS	VENT STACK
						VTR	VENT THROUGH ROOF
						VWC	VINYL WALL COVERING
						W	WASTE / WATT / WEST / WIDE
						W/	WITH
						W/O	WITHOUT
						WC	WATER CLOSET / WALL COVERING
						WD	WOOD
						WH	WATER HEATER
						WP	WATERPROOFING / WEATHERPROOF / WORKING POINT
						WSCT	WAINSCOT
						WT	WEIGHT
						WWF	WELDED WIRE FABRIC
						XRMR	TRANSFORMER

SYM	DESCRIPTION	DATE	APPR

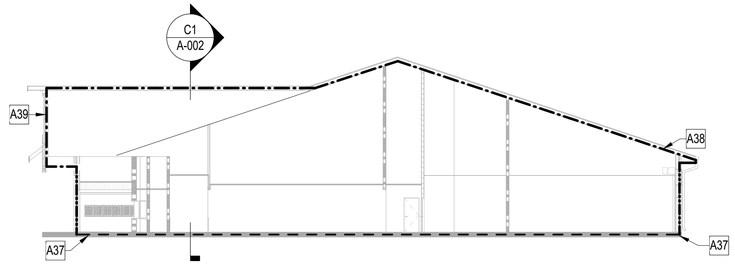
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
ARCHITECTURAL SYMBOLS, LEGENDS, ABBREVIATIONS AND NOTES

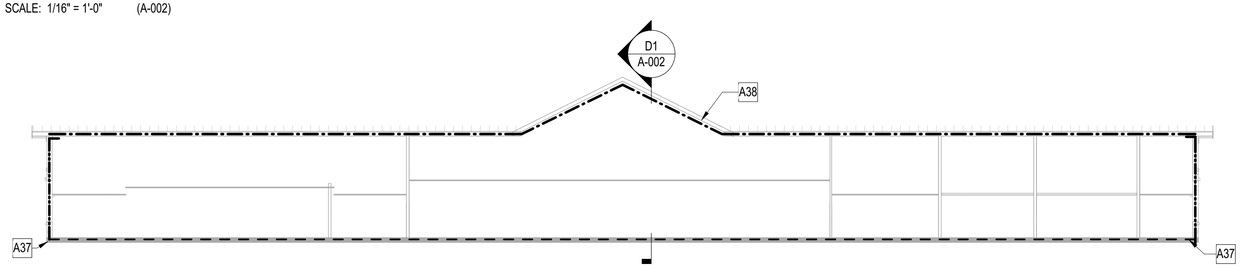
SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794290
SHEET 71 OF 228
A-001
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161001360\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:04 PM



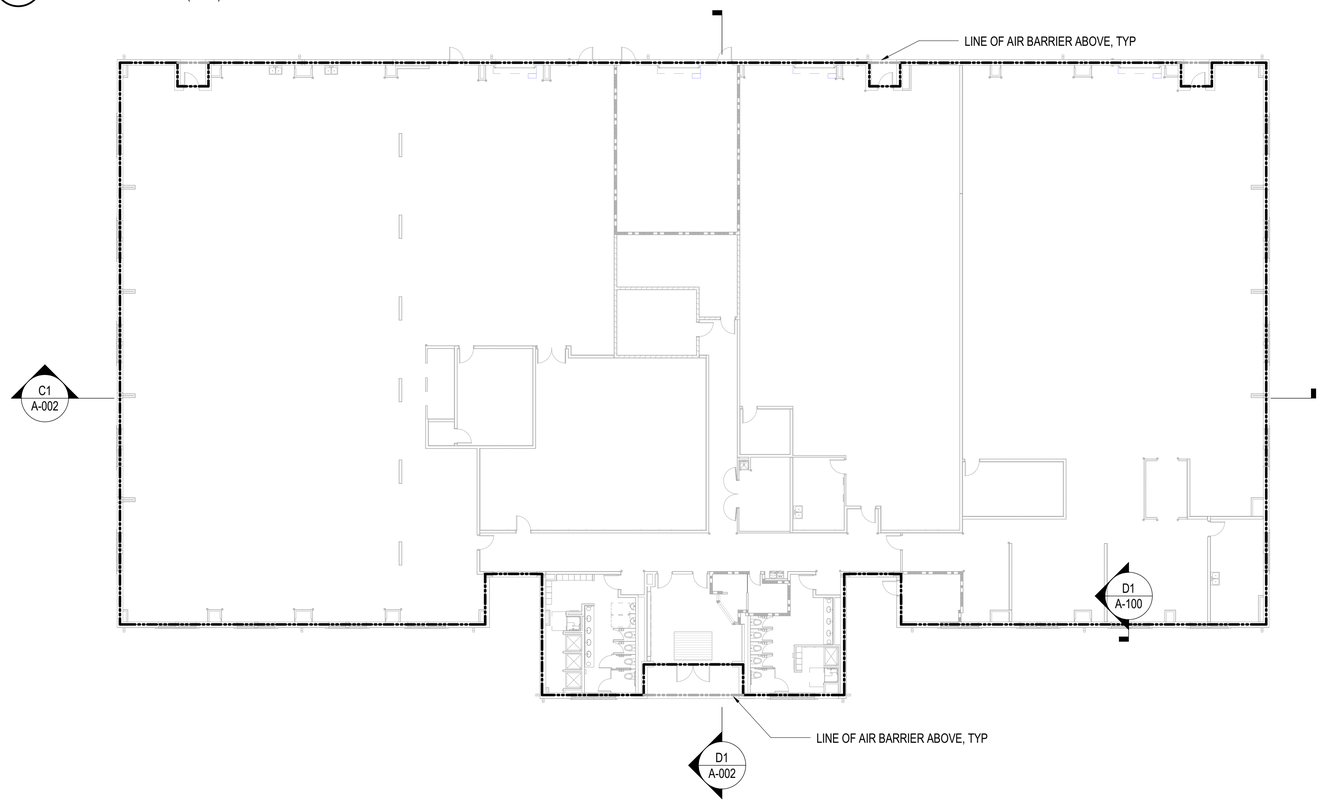
D1 BUILDING SECTION - AIR BARRIER DIAGRAM

SCALE: 1/16" = 1'-0" (A-002)



C1 BUILDING SECTION - AIR BARRIER DIAGRAM

SCALE: 1/16" = 1'-0" (A-002)



A1 OVERALL FLOOR PLAN - AIR BARRIER DIAGRAM

SCALE: 1/16" = 1'-0" (A-100)

0' 8' 16' 32'

ENCLOSURE SURFACE AREA NOTE

1. THE ENCLOSURE SURFACE AREAS LISTED ON THIS SHEET ARE APPROXIMATE FOR THE FLOOR, WALLS/FENESTRATION, AND ROOF. THE SURFACE AREA DOES NOT INCLUDE PENETRATIONS AND UNINTENTIONAL HOLES WITHIN THE AIR BARRIER. THE ENCLOSURE SURFACE AREAS FOR "INTENTIONAL" HOLES IN THE BUILDING ENCLOSURE ARE APPROXIMATES AND DO NOT TAKE INTO ACCOUNT "INTENTIONAL" HOLES. THESE "INTENTIONAL" HOLES INCLUDE AIR INTAKE, EXHAUST LOUVERS, MAKE-UP AIR INTAKES, PRESSURE RELIEF DAMPERS, OR LOUVERS, AND ANY OTHER INTENTIONAL HOLE THAT IS NOT INCLUDED IN THE AIR BARRIER DESIGN OR CONSTRUCTION. EXTERIOR WINDOWS AND DOORS (FENESTRATION) ARE NOT INCLUDED IN THE AIR BARRIER TEST BOUNDARY. VERIFY THE AREAS/DIMENSIONS PROVIDED IN THE CALCULATIONS MATCH AS-BUILT CONDITIONS AND THAT THE ARITHMETIC WAS PERFORMED CORRECTLY.

AIR BARRIER ENCLOSURE - SURFACE AREA

NOTE : SURFACE AREAS SHOWN BELOW ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE USED FOR CONTRACTOR PRICING TAKE-OFFS, CONTRACTOR IS REPONSIBLE FOR CONFIRMING ACTUAL AREAS

FLOOR:
CONCRETE FLAB SLAB
TOTAL FLOOR SURFACE AREA AIR BARRIER
30,011 SF

WALLS:
(INCLUDES FENESTRATION AND DOORS)
TOTAL EXTERIOR WALL SURFACE AIR BARRIER SYSTEM:
15,870 SF

ROOF:
(INCLUDES SOFFIT, FASCIA, AND ROOF PLANES)
TOTAL ROOF SURFACE AREA AIR BARRIER SYSTEM:
32,537 SF

AIR BARRIER SURFACE AREA:
81,075 SF

VOLUME WITHIN AIR BARRIER BOUNDARY:
809,569 CUBIC FEET

AIR BARRIER NOTES

1. CONTRACTOR TO PERFORM AIR BARRIER TESTING (AS MINIMUM) IN AREAS IDENTIFIED IN AIR BARRIER PLANS ON THIS SHEET.
2. CONTRACTOR TO VERIFY PROPER INSTALLATION AND INTEGRITY OF AIR BARRIER ASSEMBLY IN AREAS TO BE CONCEALED (I.E. INSIDE CAVITY OF WALL, INACCESSIBLE ENCLOSED VOID SPACE, ETC.) PRIOR TO COMMENCING WITH CONCEALMENT.
3. VARIOUS COMPONENTS OF THE AIR BARRIER ASSEMBLY ARE INDICATED AS '(AIR BARRIER)' THROUGHOUT THE DRAWING SET.
4. SEE GENERAL NOTES ON WALL SECTION, SECTION, AND DETAIL SHEETS FOR ADDITIONAL AIR BARRIER REQUIREMENTS.
5. SEE PARTITION TYPE TERMINATION FOR SEALING TOP OF PARTITIONS AT AIR BARRIER ASSEMBLY.
6. AIR BARRIER PRODUCTS AND ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION REQUIREMENTS AND SHALL BE COMPATIBLE WITH FLASHING AND SEALANTS. SEALANTS, COMPONENTS, CLADDING MATERIALS, PENETRATIONS, AND TRANSITION MATERIALS THAT TIE DIRECTLY INTO THE AIR BARRIER ASSEMBLY SHALL BE CHECKED FOR COMPATIBILITY WITH THE PRIMARY MANUFACTURER OF AIR BARRIER ASSEMBLY. LETTERS OF COMPLIANCE SHALL BE SUBMITTED.
7. USE AN AIR BARRIER SELF ADHERING TRANSITION MEMBRANE STRIP/UNDERLAYMENT AT CORNERS, ROUGH OPENINGS, AND TRANSITIONS BETWEEN DISSIMILAR MATERIALS.

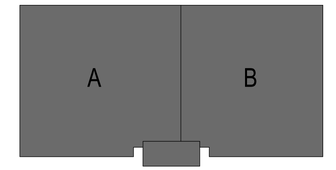
NEW WORK KEYNOTES

A37	CONCRETE SLAB AIR BARRIER - SEAL CONCRETE SLAB PENETRATIONS WITH AIR BARRIER SEALANT OR FIRE STOPPING/SMOKE SEALANT AT FIRE RATED CONSTRUCTION. SEAL ALL SEAMS OF VAPOR RETARDER AT GRADE.
A38	ROOF AIR BARRIER - SEAL JOINTS AND PENETRATIONS TO PROVIDE AN AIR, VAPOR, AND WATER TIGHT PENETRATION.
A39	EXTERIOR WALL AIR BARRIER - SEAL JOINTS AND PENETRATIONS TO PROVIDE AN AIR, VAPOR, AND WATER TIGHT PENETRATION.

AIR BARRIER LEGEND

——·——·——	FLUID APPLIED AIR AND WATER BARRIER
– – – – –	SHEET MEMBRANE AIR AND VAPOR BARRIER
—·—·—·—	ROOF ASSEMBLY AIR AND VAPOR BARRIER
----------	FLEXIBLE FLASHING MEMBRANE

KEY PLAN



PLAN NORTH

APPR	DATE	DESCRIPTION	SYM

NAVFAC

SEAL

440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	DRW	CHK
AVS	KLC	ZNK

PM/IM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
AIR BARRIER DIAGRAMS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794291
SHEET 72 OF 228

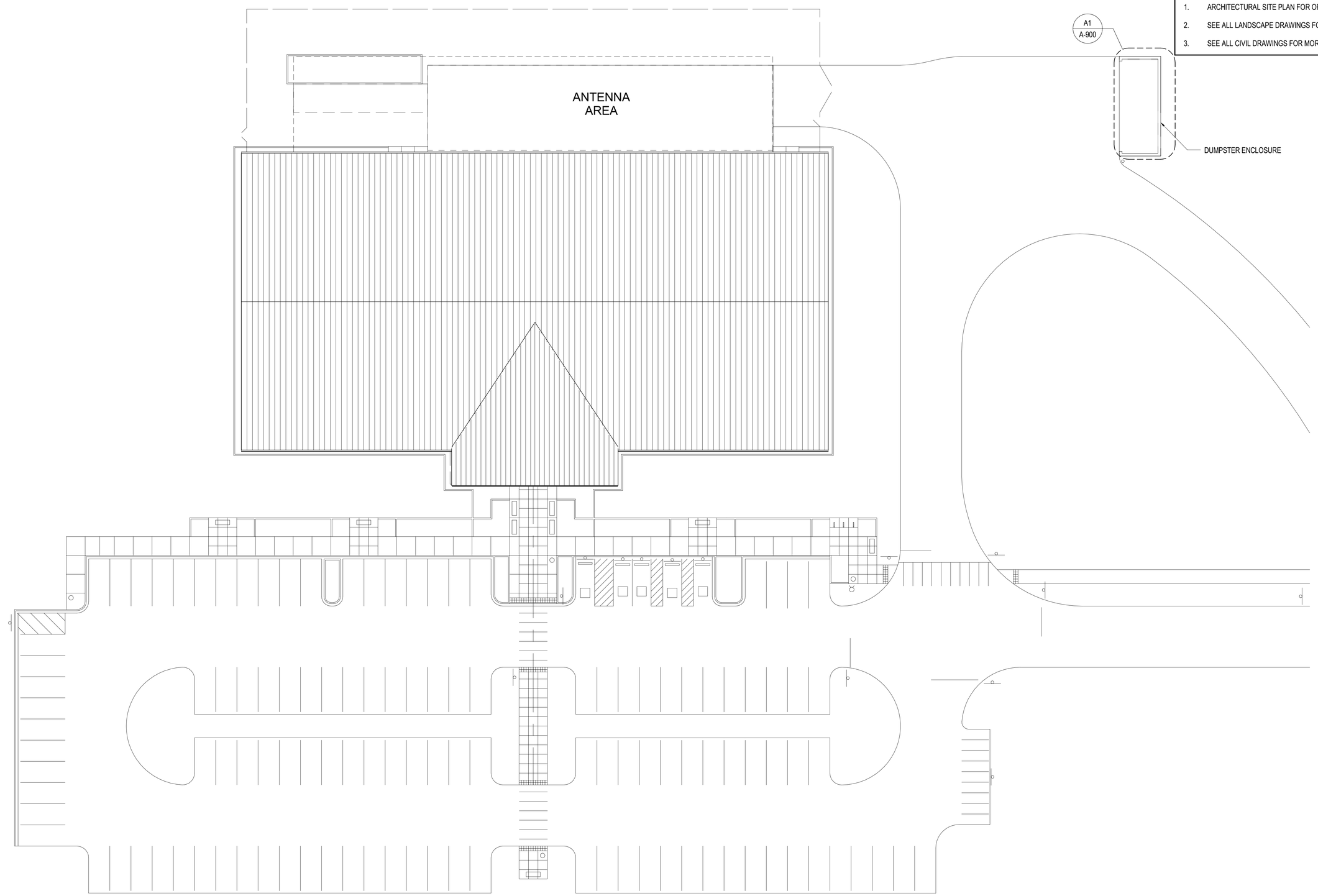
A-002

DRAWFORM REVISION: 17 APRIL 2018

C:\e420161013658\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:06 PM

SITE PLAN NOTES:

1. ARCHITECTURAL SITE PLAN FOR ORIENTATION ONLY
2. SEE ALL LANDSCAPE DRAWINGS FOR MORE INFORMATION
3. SEE ALL CIVIL DRAWINGS FOR MORE INFORMATION



A1 **ARCHITECTURAL SITE PLAN**
SCALE: 1" = 20'-0"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

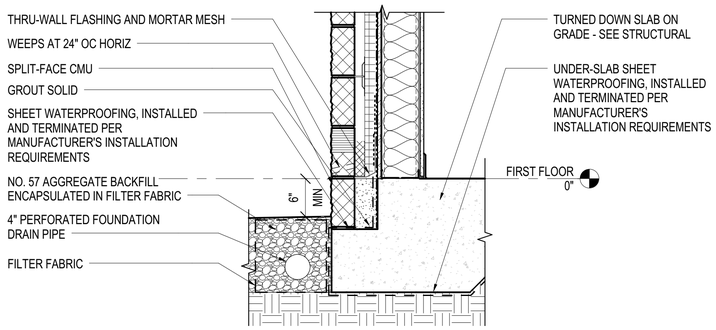
APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE Cr
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
ARCHITECTURAL SITE PLAN

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794292
SHEET 73 OF 228
A-003

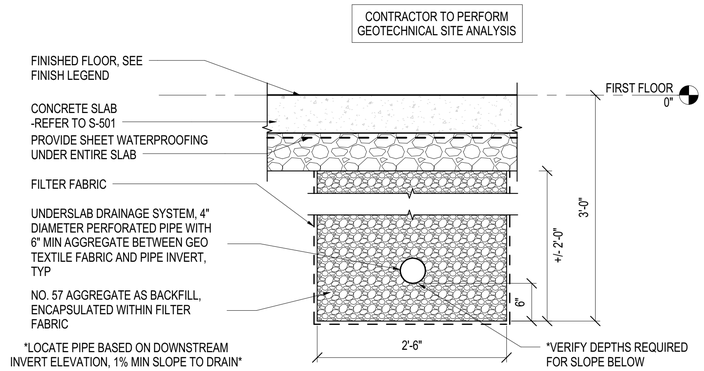
DRAWFORM REVISION: 17 APRIL 2018

C:\hr\f2016\016136\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:07 PM



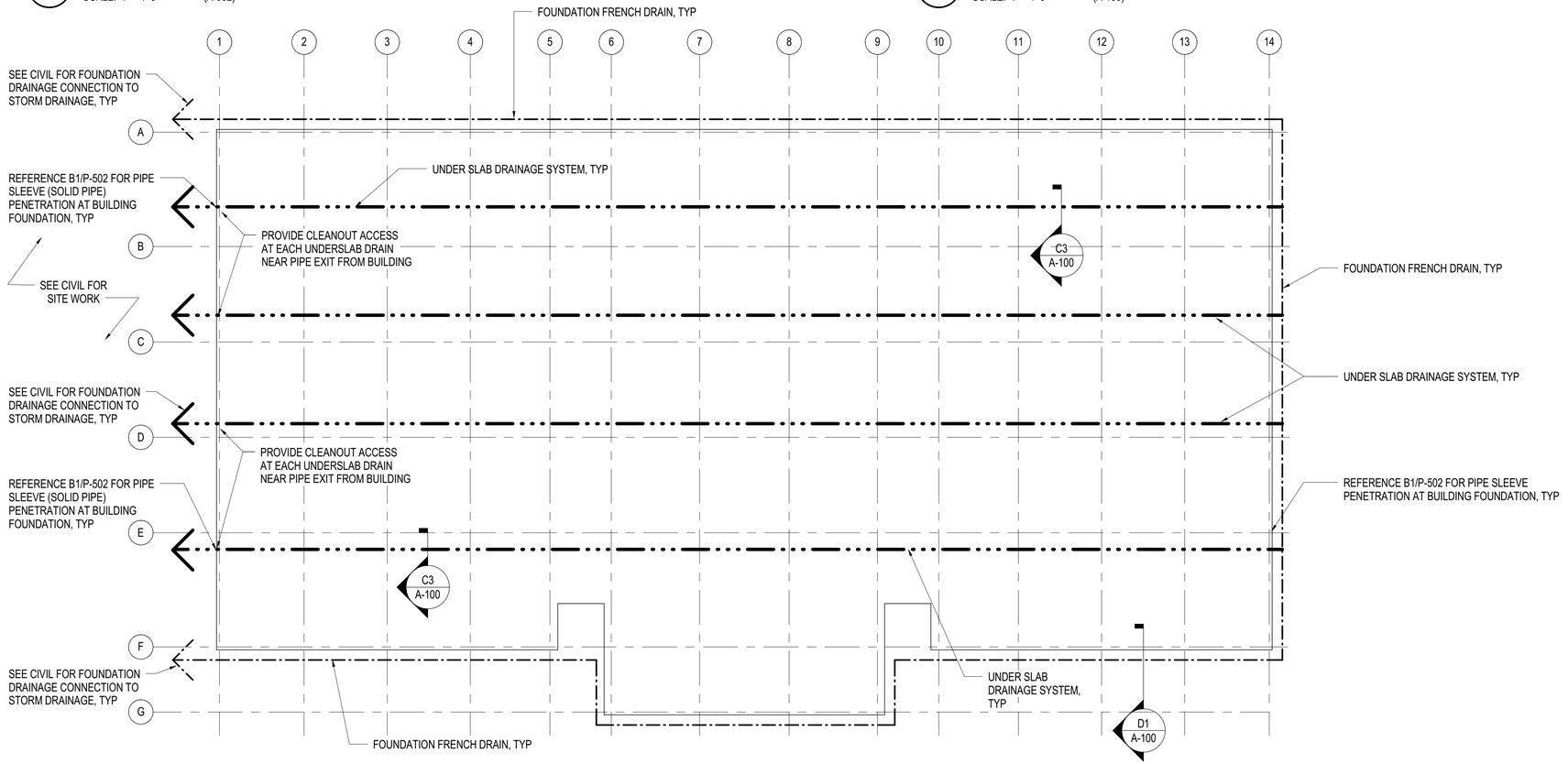
D1 FOUNDATION DRAIN

SCALE: 1" = 1'-0" (A-002)



C3 FOUNDATION DRAIN DETAIL - TYPICAL

SCALE: 1" = 1'-0" (A-100)



- SEE STRUCUTRAL FOR FOUNDATION AND GROUND FLOOR PLAN -

A1 FOUNDATION DRAINAGE PLAN

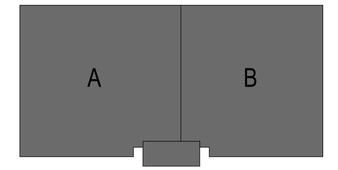
SCALE: 1/16" = 1'-0"

0' 8' 16' 32'

DRAINAGE PLAN NOTES

1. INSTALL PERMANENT UNDERDRAINS WITHIN THE BUILDING FOOTPRINT AND OTHER AREAS WHERE THE EXPECTED WATER LEVELS MAY BE WITHIN 3 FEET OF FINISHED GRADE, SEE CIVIL.
2. PROVIDE 6 INCH FREE DRAINAGE OPEN GRADED AGGREGATE MEETING REQUIREMENTS OF NO.57.
3. ALL DRAINS TO BE WRAPPED WITH FILTER FABRIC.
4. ALL DRAINS LAID LATERALLY WITH 6 INCH MIN AGGREAGATE BETWEEN GEOTEXTILE FABRIC AND PIPE INVERT.
5. ALL DRAINAGE PIPES TO BE 4 INCH MIN DIAMETER HDPE PIPES AND PLACED EVERY 25 FEET.

KEY PLAN



PLAN NORTH

SYM | DESCRIPTION | DATE | APPR

NAVFAC

ALEXANDRIA VAHN SUPINO
REGISTERED LANDSCAPE ARCHITECT
12960
NORTH CAROLINA
CHARLOTTE, NORTH CAROLINA
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/IM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

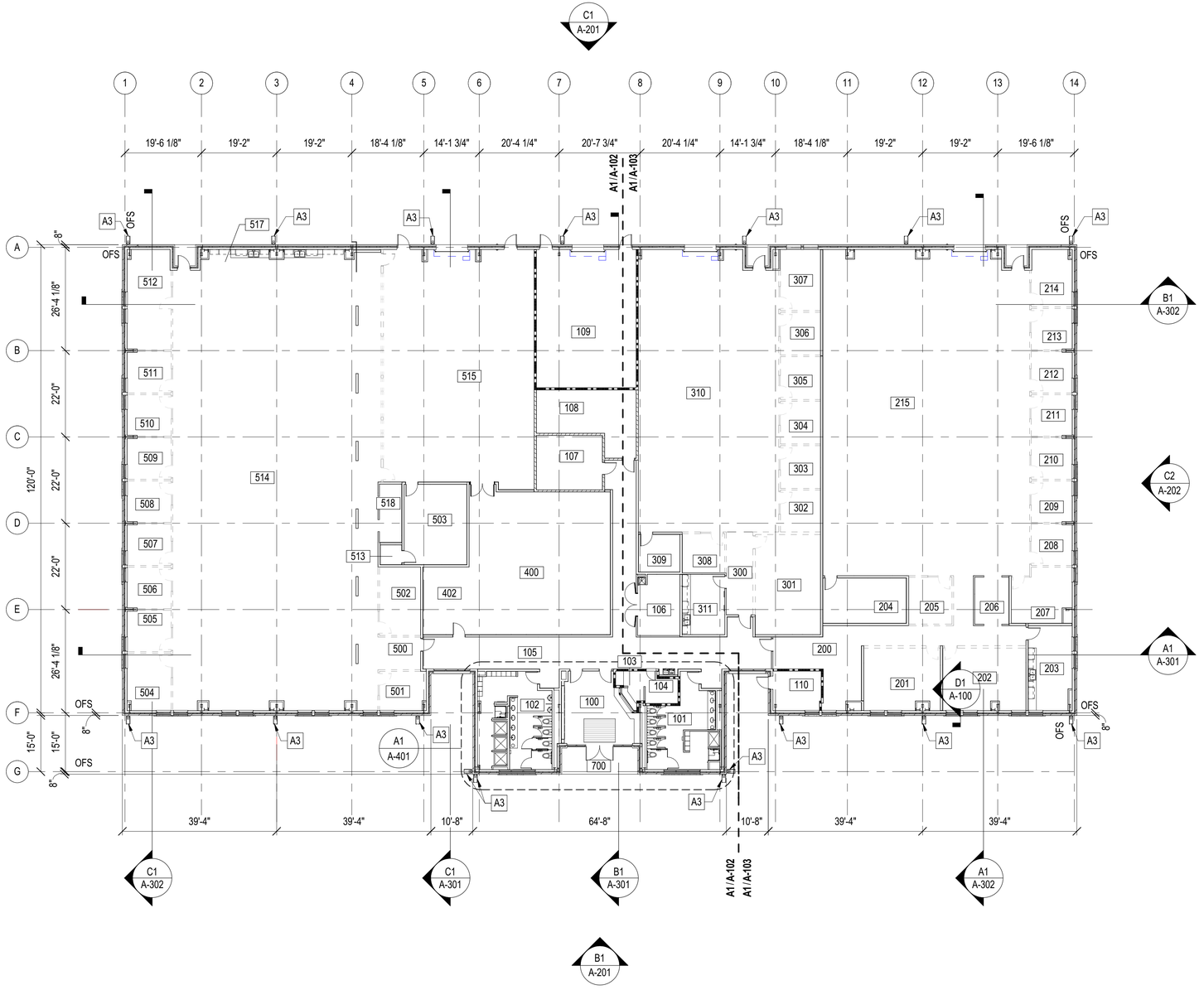
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE – JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FOUNDATION DRAINAGE PLAN

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794293
SHEET 74 OF 228
A-100

DRAWFORM REVISION: 17 APRIL 2018

C:\n\d20161\01396\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:08 PM

SPACE	AREA	FACTOR	CALCULATED AREA
COVERED AREA	438 SF	2.0 SF	219 SF
GROSS AREA	29,728 SF	1.0 SF	29,721 SF
* SF for DD1391 Only			29,938 SF



ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
100	ENTRY VESTIBULE
101	WOMENS RESTROOM
102	MENS RESTROOM
103	SECURITY
104	SECURITY BUNK
105	CORRIDOR
106	TRASH/MANT.
107	COMM
108	ELECTRICAL
109	MECHANICAL SPACE
110	FIRE ALARM ROOM
200	RECEPTION
201	CONFERENCE ROOM
202	CONFERENCE ROOM
203	BREAKROOM
204	TEAM ROOM
205	OFFICE 8
206	PRINTER
207	CO OFFICE
208	OFFICE 7
209	OFFICE 6
210	OFFICE 5
211	OFFICE 4
212	OFFICE 3
213	OFFICE 2
214	OFFICE 1
215	GREEN OPS AREA
216	MOP SINK
300	CORRIDOR
301	CONFERENCE ROOM
302	OFFICE 5
303	OFFICE 4
304	OFFICE 3
305	OFFICE 2
306	OFFICE 1
307	CO OFFICE
308	OFFICE 6
309	TEAM ROOM
310	PURPLE OPS AREA
311	BREAKROOM
400	JTAC
401	JTAC VESTIBULE
402	JTAC CONTROL ROOM
402	JTAC CONTROL ROOM
500	RECEPTION
501	OFFICE 11
502	OFFICE 10
503	CONFERENCE ROOM
504	OFFICE 9
505	OFFICE 8
506	OFFICE 7
507	OFFICE 6
508	OFFICE 5
509	OFFICE 4
510	OFFICE 3
511	OFFICE 2
512	SHARED OFFICE
512	OFFICE 1
513	CLOSET
514	OPEN OFFICE
515	BLUE OPS AREA
517	BREAKROOM
518	PRINTER
664	PRINTERS
700	COVERED AREA

FLOOR PLAN GENERAL NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO INTERIOR FINISH DRAWINGS FOR ADDITIONAL INTERIOR FINISH SPECIFIC INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
8. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
9. ALL INTERIOR PARTITIONS ARE TYPE "G" UNLESS NOTED OTHERWISE.
10. HIGHER FIRE RATED PARTITIONS TAKE PRECEDENCE OVER LOWER FIRE RATED PARTITIONS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
11. OVERALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE FACE OF BRICK VENEER AT WALL ABOVE WATER TABLE.
12. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
13. PROVIDE GYPSUM BOARD CONTROL JOINTS PER MANUFACTURE SPECIFICATIONS. CONTROL JOINT TO BE LOCATED AT EACH DOOR, HINGE SIDE (TYPICAL) AND ALL PLAN NOTED LOCATIONS.
14. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION, COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED.

NEW WORK KEYNOTES

A3	DOWNSPOUTS TO DISCHARGE AT GRADE ON CONCRETE SPLASH BLOCKS (TYP)

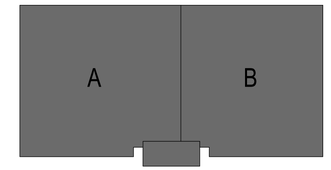
WALL RATING LEGEND

	NON-RATED WALL
	1 HR RATED PARTITION
	SMOKE PARTITION
A1	WALL TAG

FLOOR PLAN LEGEND

MODULAR SYSTEM: INCLUDING WALLS, DOORS, WINDOWS, TV MOUNTING BRACKETS, LIGHTING CONTROLS, POWER AND DATA AS REQUIRED. SEE SHEETS I-614 THRU I-620

KEY PLAN



PLAN NORTH

A1 OVERALL FLOOR PLAN

SCALE: 1/16" = 1'-0" (A-100)

0' 8' 16' 32'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUPINO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
Jason E. Smallow, P.E.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PMDM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

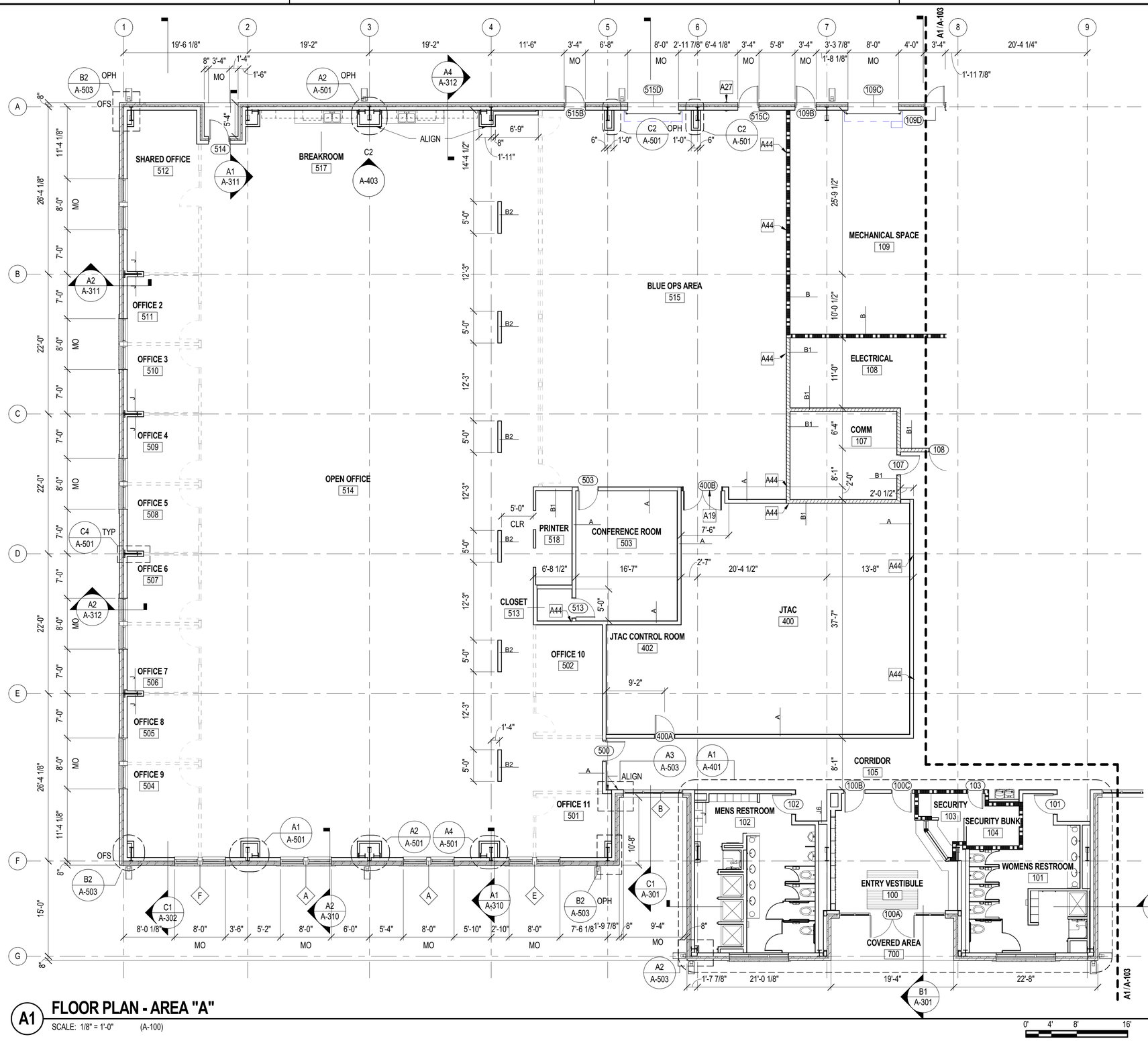
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
OVERALL FLOOR PLAN

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794294
SHEET 75 OF 228

A-101

DRAWFORM REVISION: 17 APRIL 2018

C:\nc400\161013\6913-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:09 PM



A1 FLOOR PLAN - AREA "A"

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

FLOOR PLAN GENERAL NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO INTERIOR FINISH DRAWINGS FOR ADDITIONAL INTERIOR FINISH SPECIFIC INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
8. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
9. ALL INTERIOR PARTITIONS ARE TYPE "G" UNLESS NOTED OTHERWISE.
10. HIGHER FIRE RATED PARTITIONS TAKE PRECEDENCE OVER LOWER FIRE RATED PARTITIONS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
11. OVERALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE FACE OF BRICK VENEER AT WALL ABOVE WATER TABLE.
12. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
13. PROVIDE GYPSUM BOARD CONTROL JOINTS PER MANUFACTURE SPECIFICATIONS. CONTROL JOINT TO BE LOCATED AT EACH DOOR, HINGE SIDE (TYPICAL) AND ALL PLAN NOTED LOCATIONS.
14. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION, COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED.

NEW WORK KEYNOTES

A19	DOOR TO BE USED FOR JTAC INSTALLATION ONLY
A27	CONDUIT COVER, REFER TO A3/A-502
A44	GYP BOARD CONTROL JOINT, PER MANUFACTURER SPECIFICATION (TYPICAL)

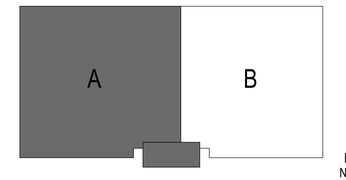
WALL RATING LEGEND

	NON-RATED WALL
	1 HR RATED PARTITION
	SMOKE PARTITION
A1	WALL TAG

FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS, WINDOWS, TV MOUNTING BRACKETS, LIGHTING CONTROLS, POWER AND DATA AS REQUIRED. SEE SHEETS I-614 THRU I-620

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTALL REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/25/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

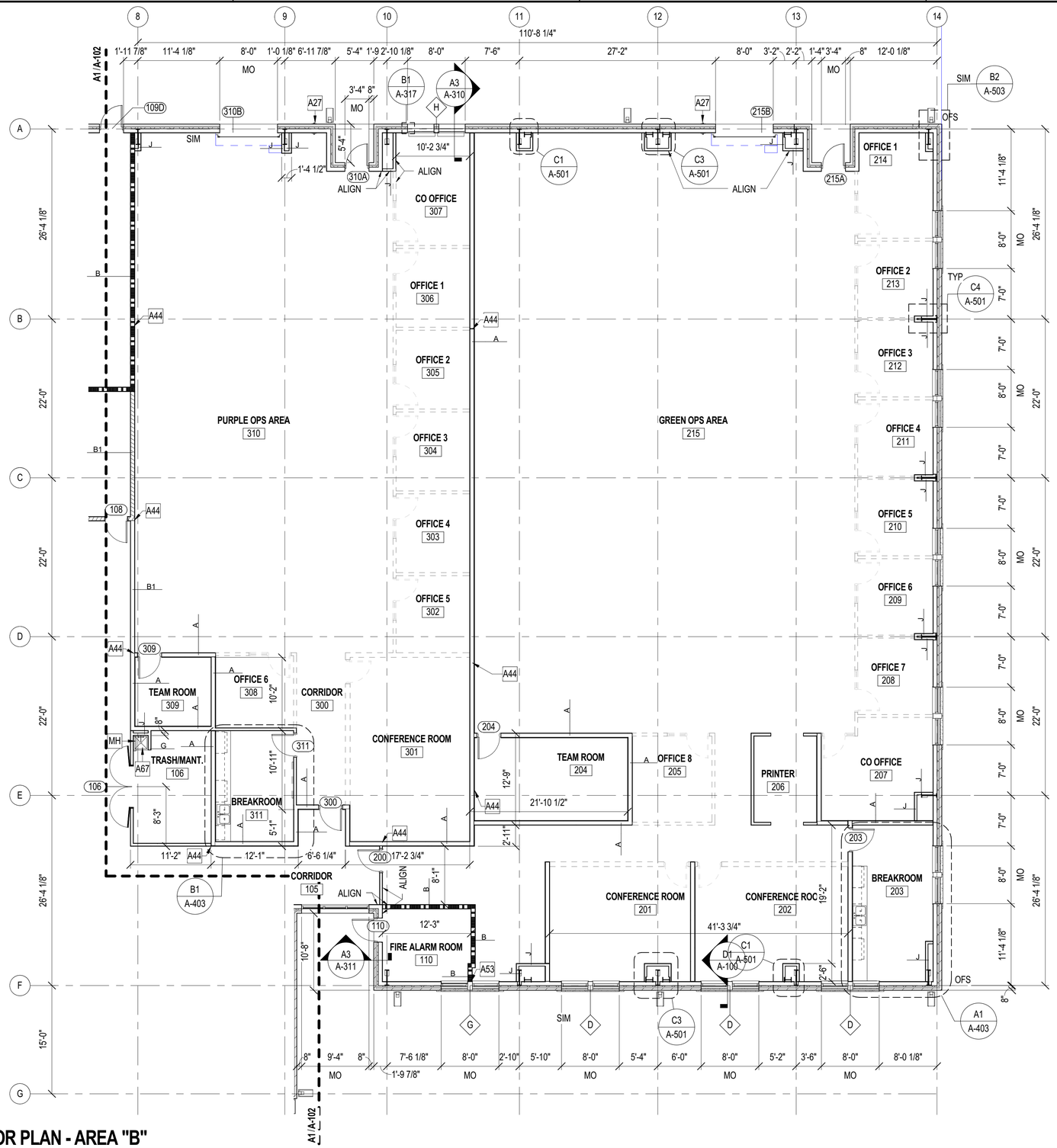
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FLOOR PLAN - AREA "A"

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794295
SHEET 76 OF 228

A-102

DRAWFORM REVISION: 17 APRIL 2018

C:\vc\d0016\0136813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:11 PM



A1 FLOOR PLAN - AREA "B"

SCALE: 1/8" = 1'-0" (A-100)

FLOOR PLAN GENERAL NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO INTERIOR FINISH DRAWINGS FOR ADDITIONAL INTERIOR FINISH SPECIFIC INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
8. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
9. ALL INTERIOR PARTITIONS ARE TYPE "G" UNLESS NOTED OTHERWISE.
10. HIGHER FIRE RATED PARTITIONS TAKE PRECEDENCE OVER LOWER FIRE RATED PARTITIONS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
11. OVERALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE FACE OF BRICK VENEER AT WALL ABOVE WATER TABLE.
12. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
13. PROVIDE GYPSUM BOARD CONTROL JOINTS PER MANUFACTURE SPECIFICATIONS. CONTROL JOINT TO BE LOCATED AT EACH DOOR, HINGE SIDE (TYPICAL) AND ALL PLAN NOTED LOCATIONS.
14. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION. COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED.

NEW WORK KEYNOTES

A27	CONDUIT COVER, REFER TO A3/A-502
A44	GYP BOARD CONTROL JOINT, PER MANUFACTURER SPECIFICATION (TYPICAL)
A53	CENTER WALL BETWEEN WINDOWS
A67	MOP SINK 24"x24"
MH	MOP HOLDER

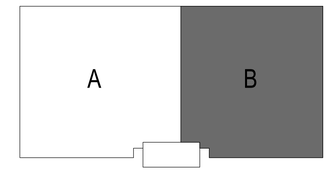
WALL RATING LEGEND

	NON-RATED WALL
	1 HR RATED PARTITION
	SMOKE PARTITION
A1	WALL TAG

FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS, WINDOWS, TV MOUNTING BRACKETS, LIGHTING CONTROLS, POWER AND DATA AS REQUIRED. SEE SHEETS I-614 THRU I-620

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

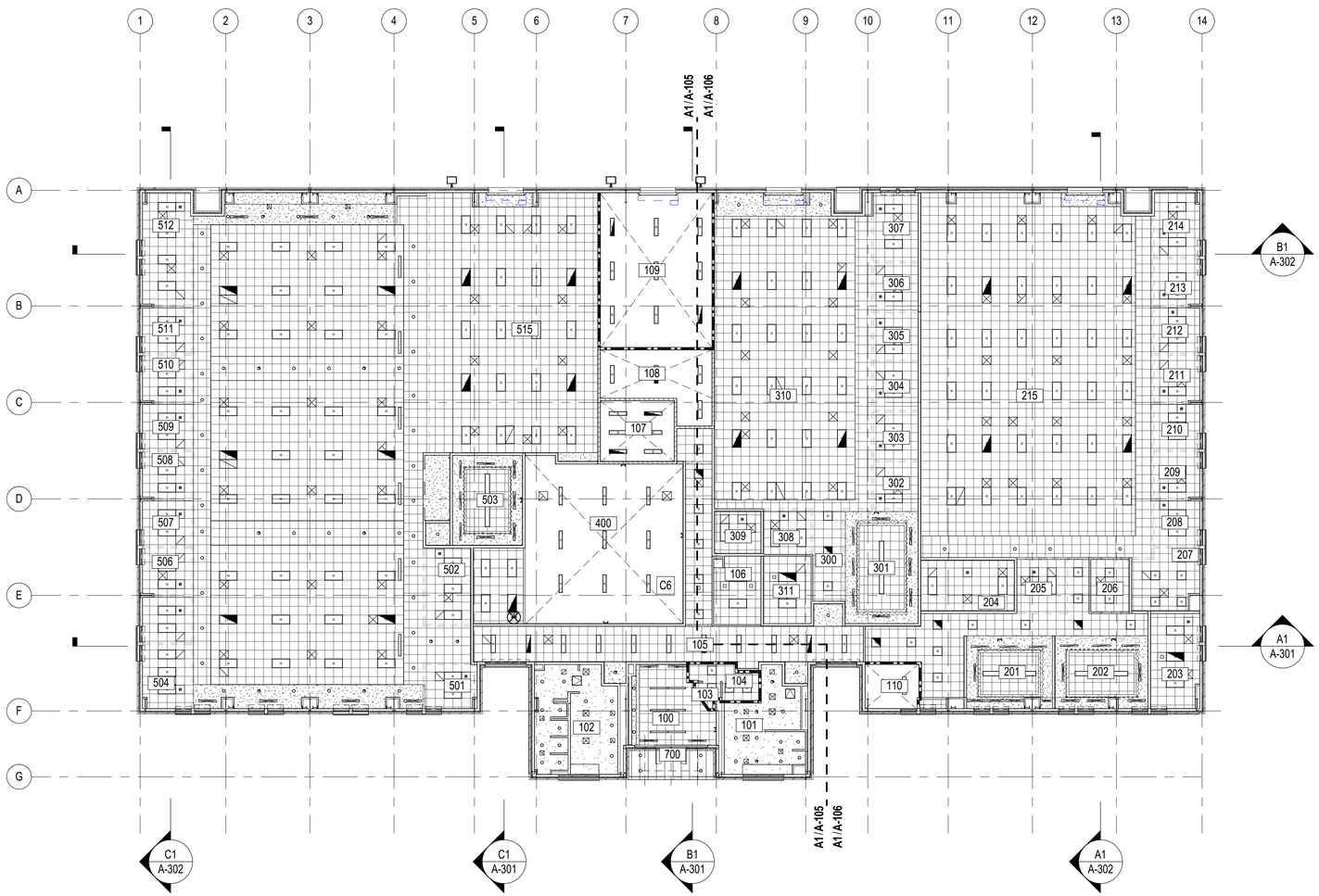
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FLOOR PLAN - AREA "B"

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794296
SHEET 77 OF 228

A-103

DRAWFORM REVISION: 17 APRIL 2018

C:\e\20161610196\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12 PM



ROOM SCHEDULE

ROOM NUMBER	ROOM NAME
100	ENTRY VESTIBULE
101	WOMENS RESTROOM
102	MENS RESTROOM
103	SECURITY
104	SECURITY BUNK
105	CORRIDOR
106	TRASH/MANT.
107	COMM
108	ELECTRICAL
109	MECHANICAL SPACE
110	FIRE ALARM ROOM
200	RECEPTION
201	CONFERENCE ROOM
202	CONFERENCE ROOM
203	BREAKROOM
204	TEAM ROOM
205	OFFICE 8
206	PRINTER
207	CO OFFICE
208	OFFICE 7
209	OFFICE 6
210	OFFICE 5
211	OFFICE 4
212	OFFICE 3
213	OFFICE 2
214	OFFICE 1
215	GREEN OPS AREA
216	MOP SINK
300	CORRIDOR
301	CONFERENCE ROOM
302	OFFICE 5
303	OFFICE 4
304	OFFICE 3
305	OFFICE 2
306	OFFICE 1
307	CO OFFICE
308	OFFICE 6
309	TEAM ROOM
310	PURPLE OPS AREA
311	BREAKROOM
400	JTAC
401	JTAC VESTIBULE
402	JTAC CONTROL ROOM
402	JTAC CONTROL ROOM
500	RECEPTION
501	OFFICE 11
502	OFFICE 10
503	CONFERENCE ROOM
504	OFFICE 9
505	OFFICE 8
506	OFFICE 7
507	OFFICE 6
508	OFFICE 5
509	OFFICE 4
510	OFFICE 3
511	OFFICE 2
512	SHARED OFFICE
512	OFFICE 1
513	CLOSET
514	OPEN OFFICE
515	BLUE OPS AREA
517	BREAKROOM
518	PRINTER
664	PRINTERS
700	COVERED AREA

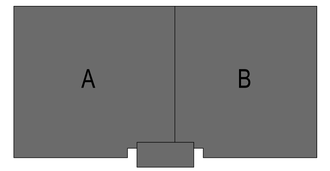
REFLECTED CEILING PLAN NOTES

1. DO NOT SCALE DRAWINGS. IF ADDITIONAL DIMENSIONAL INFORMATION IS REQUIRED, OR CONFLICTS ARISE CONCERNING SCHEDULED CEILING HEIGHT VERSUS ACTUAL CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY IN WRITING FOR CLARIFICATION/ RESOLUTION BEFORE CEILING INSTALLATION.
2. ALL DIMENSIONS ARE TO FACE OF FINISHED WALLS/SOFFITS UNLESS NOTED OTHERWISE.
3. SUSPENDED CEILING TILES IN EACH ROOM ARE TO BE CONFIGURED SUCH THAT NO LESS THAN A 6 INCH TILE EXISTS ADJACENT TO ANY ROOM WALL.
4. REFER TO ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR TYPE OF ACOUSTICAL MATERIAL FOR EACH ROOM STATED TO HAVE SUCH.
5. FOR PAINT COLOR OF GYPSUM BOARD CEILINGS, FURR DOWNS AND SOFFITS, REFER TO ROOM FINISH SCHEDULE (I-610).
6. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULKHEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OUT OF ACOUSTICAL CEILING MATERIALS.
7. ALTHOUGH SHOWN ON THESE PLANS FOR LOCATIONAL REFERENCE, REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
8. ARCHITECTURAL CEILING PLANS ARE FOR LOCATIONAL REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, DETECTORS, POWER OUTLETS, ETC.
9. TYPICAL CEILING HEIGHT IS 9'-0" AFF UNLESS NOTED OTHERWISE.
10. SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS AND QUANTITY. NOTIFY ARCHITECT FOR RESOLUTION IF ANY EXIT LIGHT FIXTURE CAN NOT BE INSTALLED AS PROPOSED DUE TO LOW CEILING HEIGHT(S) OR ABOVE CEILING CONFLICT.
11. ALL OFFICE DEMISING WALLS TO RECEIVE SOUND BATT INSULATION SPANNING 4' WIDE, EXTENDING 2' OVER EACH OFFICE CEILING.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NO CEILING - EXPOSED TO ROOF DECK ABOVE
	LINEAR DIFFUSER - SEE MECHANICAL DRAWINGS
	2' - 0" x 2' - 0" ACOUSTICAL CEILING TILE
	GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	MOISTURE RESISTANT GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	COVE LIGHTING
(X'-X")	FINISHED CEILING HEIGHT ABOVE FINISHED FLOOR
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EXIT SIGN. REFER TO ELECTRICAL DRAWINGS
OS	OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWINGS
	HORN/STROBE. REFER TO FIRE PROTECTION DRAWINGS
	CEILING SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS
	CEILING RETURN OR EXHAUST. REFER TO MECHANICAL DRAWINGS
	CEILING ACCESS PANEL 24" x 24"
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620. WALL HEIGHT 9'-0" UNO.

KEY PLAN



PLAN NORTH

A1 OVERALL REFLECTED CEILING PLAN

SCALE: 1/16" = 1'-0" (A-100)

0' 8' 16' 32'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/25/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PMDM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

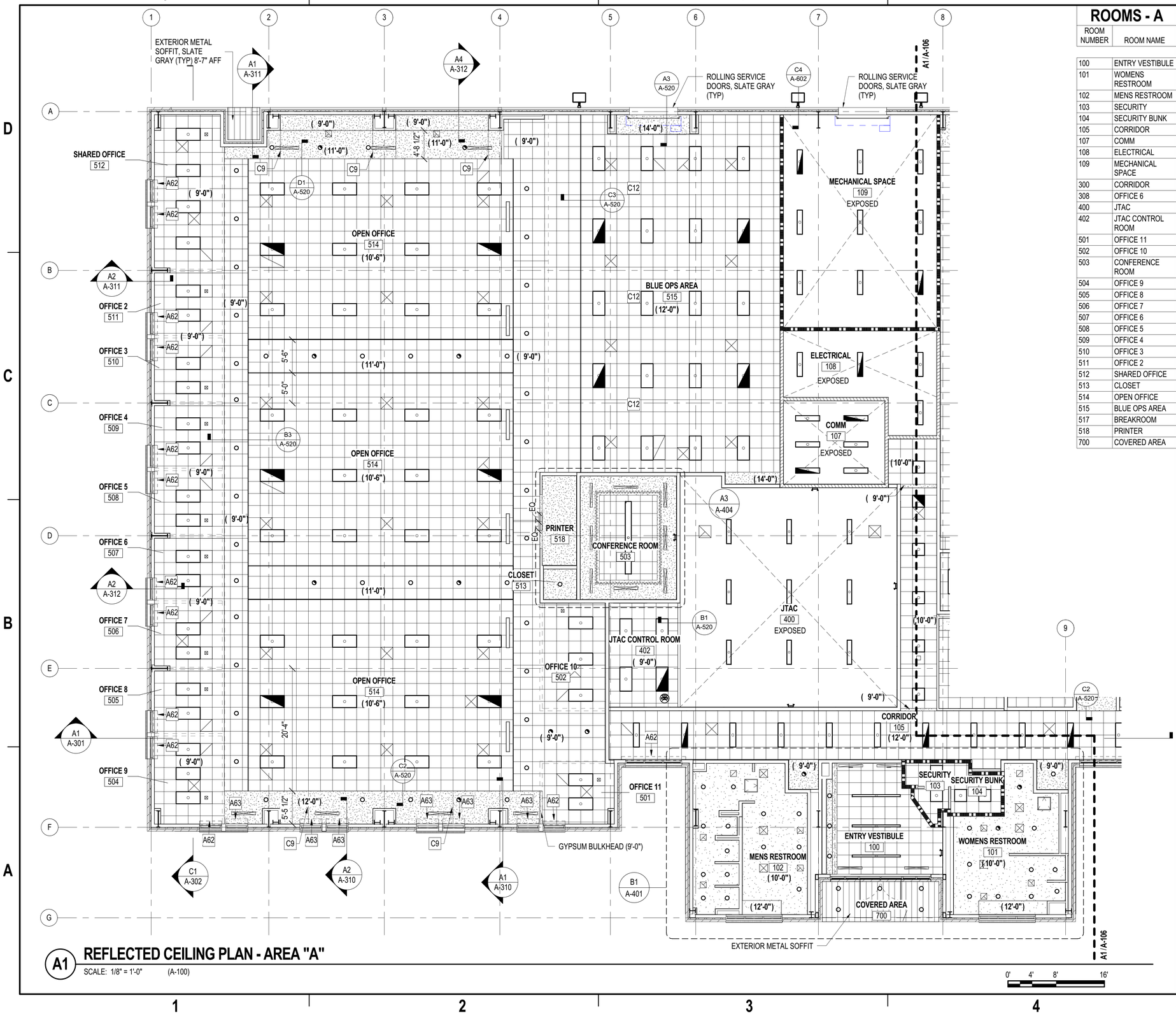
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
OVERALL REFLECTED CEILING PLAN

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794297
SHEET 78 OF 228

A-104

DRAWFORM REVISION: 17 APRIL 2018

C:\x\d0016\01\36813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:14 PM



A1 REFLECTED CEILING PLAN - AREA "A"

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

ROOMS - A

ROOM NUMBER	ROOM NAME
100	ENTRY VESTIBULE
101	WOMENS RESTROOM
102	MENS RESTROOM
103	SECURITY
104	SECURITY BUNK
105	CORRIDOR
107	COMM
108	ELECTRICAL
109	MECHANICAL SPACE
300	CORRIDOR
308	OFFICE 6
400	JTAC
402	JTAC CONTROL ROOM
501	OFFICE 11
502	OFFICE 10
503	CONFERENCE ROOM
504	OFFICE 9
505	OFFICE 8
506	OFFICE 7
507	OFFICE 6
508	OFFICE 5
509	OFFICE 4
510	OFFICE 3
511	OFFICE 2
512	SHARED OFFICE
513	CLOSET
514	OPEN OFFICE
515	BLUE OPS AREA
517	BREAKROOM
518	PRINTER
700	COVERED AREA

REFLECTED CEILING PLAN NOTES

1. DO NOT SCALE DRAWINGS. IF ADDITIONAL DIMENSIONAL INFORMATION IS REQUIRED, OR CONFLICTS ARISE CONCERNING SCHEDULED CEILING HEIGHT VERSUS ACTUAL CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY IN WRITING FOR CLARIFICATION/ RESOLUTION BEFORE CEILING INSTALLATION.
2. ALL DIMENSIONS ARE TO FACE OF FINISHED WALLS/SOFFITS UNLESS NOTED OTHERWISE.
3. SUSPENDED CEILING TILES IN EACH ROOM ARE TO BE CONFIGURED SUCH THAT NO LESS THAN A 6 INCH TILE EXISTS ADJACENT TO ANY ROOM WALL.
4. REFER TO ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR TYPE OF ACOUSTICAL MATERIAL FOR EACH ROOM STATED TO HAVE SUCH.
5. FOR PAINT COLOR OF GYPSUM BOARD CEILINGS, FURR DOWNS AND SOFFITS, REFER TO ROOM FINISH SCHEDULE (I-610).
6. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULKHEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OUT OF ACOUSTICAL CEILING MATERIALS.
7. ALTHOUGH SHOWN ON THESE PLANS FOR LOCATIONAL REFERENCE, REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
8. ARCHITECTURAL CEILING PLANS ARE FOR LOCATIONAL REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, DETECTORS, POWER OUTLETS, ETC.
9. TYPICAL CEILING HEIGHT IS 9'-0" AFF UNLESS NOTED OTHERWISE.
10. SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS AND QUANTITY. NOTIFY ARCHITECT FOR RESOLUTION IF ANY EXIT LIGHT FIXTURE CAN NOT BE INSTALLED AS PROPOSED DUE TO LOW CEILING HEIGHT(S) OR ABOVE CEILING CONFLICT.
11. ALL OFFICE DEMISING WALLS TO RECEIVE SOUND BATT INSULATION SPANNING 4' WIDE, EXTENDING 2' OVER EACH OFFICE CEILING.

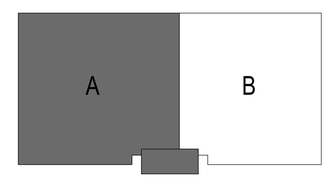
NEW WORK KEYNOTES

A62	WINDOW SHADE, SEE D1/A-510
A63	WINDOW SHADE, SEE D2/A-510
C9	GYPSUM CEILING CONTROL JOINT, PER MANUFACTURE SPECIFICATIONS
C12	LARGE FLAT PANEL CEILING MOUNT FOR SINGLE DISPLAY WITH POSITIONING ADJUSTMENTS. PROVIDE CEILING PLATE AND EXTENSION COLUMN FOR PROPER ANCHORING AND INSTALLATION.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NO CEILING - EXPOSED TO ROOF DECK ABOVE
	LINEAR DIFFUSER - SEE MECHANICAL DRAWINGS
	2' - 0" x 2' - 0" ACOUSTICAL CEILING TILE
	GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	MOISTURE RESISTANT GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	COVE LIGHTING
(X'-X")	FINISHED CEILING HEIGHT ABOVE FINISHED FLOOR
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EXIT SIGN. REFER TO ELECTRICAL DRAWINGS
OS	OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWINGS
	HORN/STROBE. REFER TO FIRE PROTECTION DRAWINGS
	CEILING SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS
	CEILING RETURN OR EXHAUST. REFER TO MECHANICAL DRAWINGS
	CEILING ACCESS PANEL 24" x 24"
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620. WALL HEIGHT 9'-0" UNO.

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAN SUMNO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

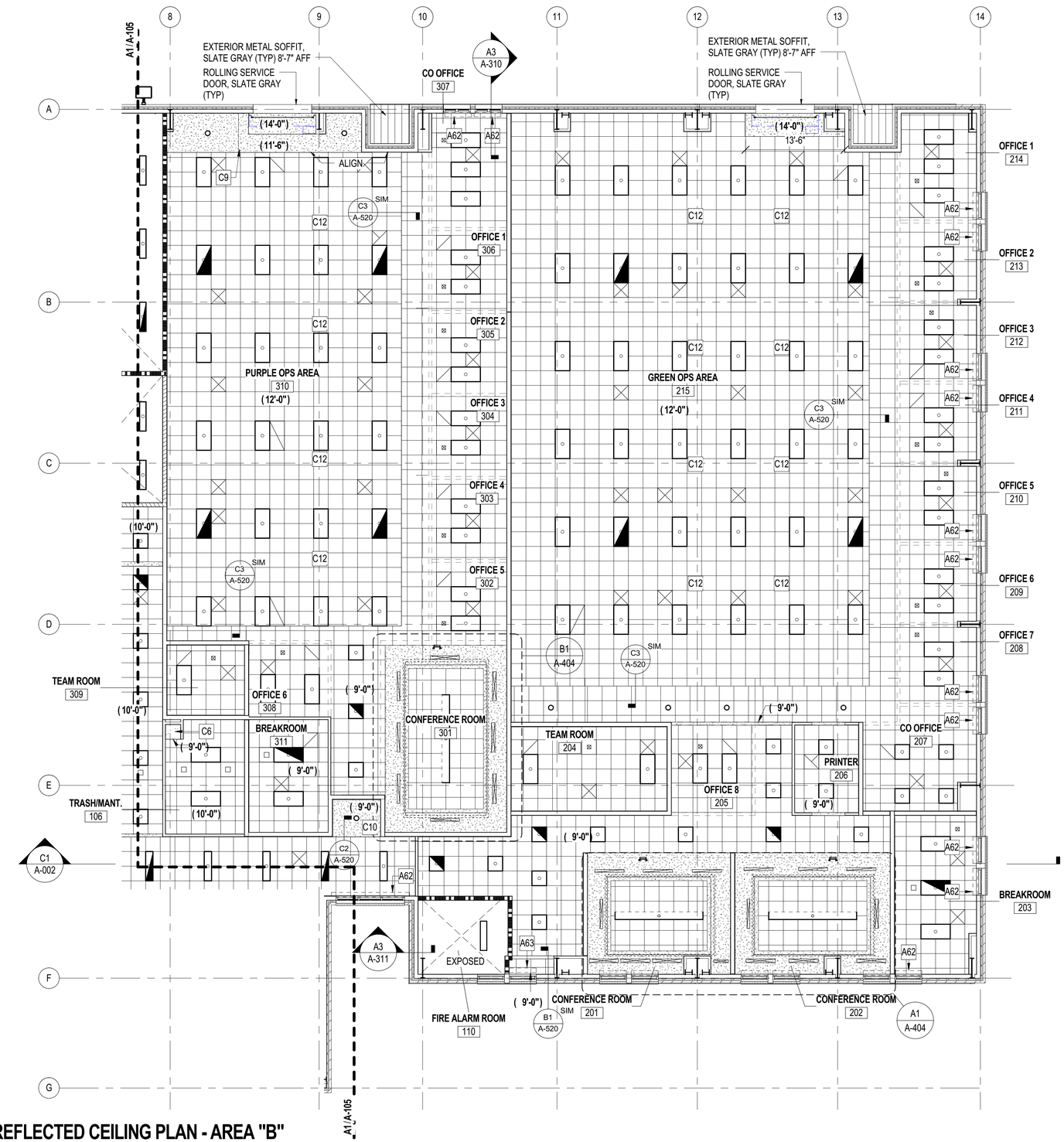
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
REFLECTED CEILING PLAN - AREA "A"

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794298
SHEET	79 OF 228

A-105

DRAWFORM REVISION: 17 APRIL 2018

C:\ncad\16\1603164\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:16 PM



A1 REFLECTED CEILING PLAN - AREA "B"

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

ROOMS - B

ROOM NUMBER	ROOM NAME
106	TRASH/MANT.
110	FIRE ALARM ROOM
200	RECEPTION
201	CONFERENCE ROOM
202	CONFERENCE ROOM
203	BREAKROOM
204	TEAM ROOM
205	OFFICE 8
206	PRINTER
207	CO OFFICE
208	OFFICE 7
209	OFFICE 6
210	OFFICE 5
211	OFFICE 4
212	OFFICE 3
213	OFFICE 2
214	OFFICE 1
215	GREEN OPS AREA
216	MOP SINK
301	CONFERENCE ROOM
302	OFFICE 5
303	OFFICE 4
304	OFFICE 3
305	OFFICE 2
306	OFFICE 1
307	CO OFFICE
309	TEAM ROOM
310	PURPLE OPS AREA
311	BREAKROOM
401	JTAC VESTIBULE
402	JTAC CONTROL ROOM
500	RECEPTION
512	OFFICE 1
664	PRINTERS

REFLECTED CEILING PLAN NOTES

1. DO NOT SCALE DRAWINGS. IF ADDITIONAL DIMENSIONAL INFORMATION IS REQUIRED, OR CONFLICTS ARISE CONCERNING SCHEDULED CEILING HEIGHT VERSUS ACTUAL CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY IN WRITING FOR CLARIFICATION/ RESOLUTION BEFORE CEILING INSTALLATION.
2. ALL DIMENSIONS ARE TO FACE OF FINISHED WALLS/SOFFITS UNLESS NOTED OTHERWISE.
3. SUSPENDED CEILING TILES IN EACH ROOM ARE TO BE CONFIGURED SUCH THAT NO LESS THAN A 6 INCH TILE EXISTS ADJACENT TO ANY ROOM WALL.
4. REFER TO ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR TYPE OF ACOUSTICAL MATERIAL FOR EACH ROOM STATED TO HAVE SUCH.
5. FOR PAINT COLOR OF GYPSUM BOARD CEILINGS, FURR DOWNS AND SOFFITS, REFER TO ROOM FINISH SCHEDULE (I-610).
6. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULKHEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OUT OF ACOUSTICAL CEILING MATERIALS.
7. ALTHOUGH SHOWN ON THESE PLANS FOR LOCATIONAL REFERENCE, REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
8. ARCHITECTURAL CEILING PLANS ARE FOR LOCATIONAL REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, DETECTORS, POWER OUTLETS, ETC.
9. TYPICAL CEILING HEIGHT IS 9'-0" AFF UNLESS NOTED OTHERWISE.
10. SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS AND QUANTITY. NOTIFY ARCHITECT FOR RESOLUTION IF ANY EXIT LIGHT FIXTURE CAN NOT BE INSTALLED AS PROPOSED DUE TO LOW CEILING HEIGHT(S) OR ABOVE CEILING CONFLICT.
11. ALL OFFICE DEMISING WALLS TO RECEIVE SOUND BATT INSULATION SPANNING 4' WIDE, EXTENDING 2' OVER EACH OFFICE CEILING.

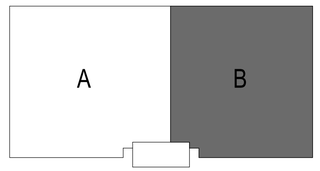
NEW WORK KEYNOTES

A62	WINDOW SHADE, SEE D1/A-510
A63	WINDOW SHADE, SEE D2/A-510
C6	MOISTURE RESISTANT GYPSUM CEILING
C9	GYPSUM CEILING CONTROL JOINT, PER MANUFACTURE SPECIFICATIONS
C10	CENTER LIGHT ON GYPSUM CEILING
C12	LARGE FLAT PANEL CEILING MOUNT FOR SINGLE DISPLAY WITH POSITIONING ADJUSTMENTS. PROVIDE CEILING PLATE AND EXTENSION COLUMN FOR PROPER ANCHORING AND INSTALLATION.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NO CEILING - EXPOSED TO ROOF DECK ABOVE
	LINEAR DIFFUSER - SEE MECHANICAL DRAWINGS
	2' - 0" x 2' - 0" ACOUSTICAL CEILING TILE
	GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	MOISTURE RESISTANT GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	COVE LIGHTING
(X'-X")	FINISHED CEILING HEIGHT ABOVE FINISHED FLOOR
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EXIT SIGN. REFER TO ELECTRICAL DRAWINGS
OS	OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWINGS
	HORN/STROBE. REFER TO FIRE PROTECTION DRAWINGS
	CEILING SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS
	CEILING RETURN OR EXHAUST. REFER TO MECHANICAL DRAWINGS
	CEILING ACCESS PANEL 24" x 24"
A	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620. WALL HEIGHT 9'-0" UNO.

KEY PLAN



PLAN NORTH

NO	SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAN SUMO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

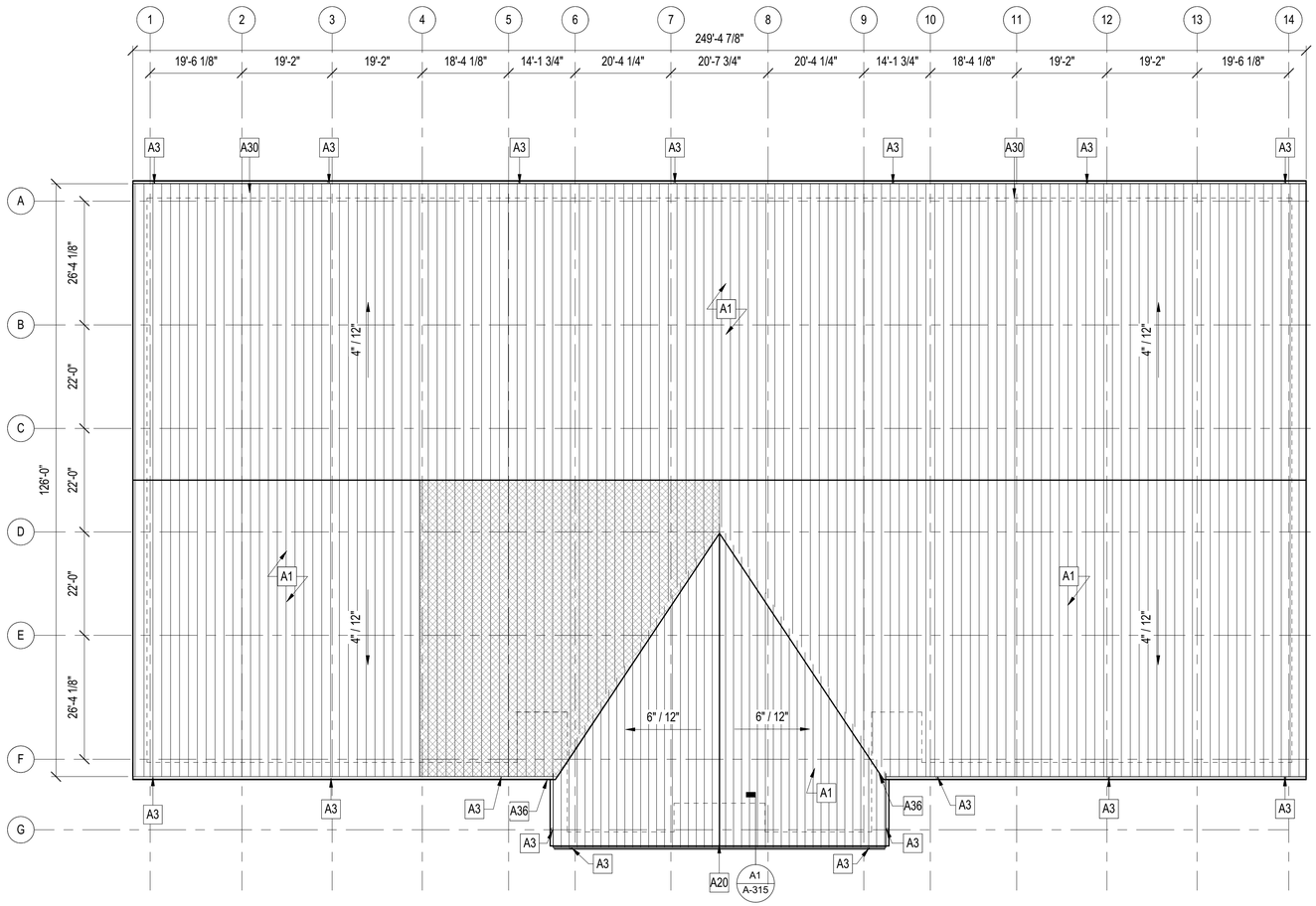
REFLECTED CEILING PLAN - AREA "B"

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794299
SHEET	80 OF 228

A-106

DRAWFORM REVISION: 17 APRIL 2018

C:\n-620\16\1901395\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:17 PM



A1 ROOF PLAN

SCALE: 1/16" = 1'-0"

0' 8' 16' 32'

ROOF PLAN NOTES

1. COORDINATE ANY WORK BEING PERFORMED UNDER SEPARATE CONTRACT WITH THE GOVERNMENT.
2. ROOF PENETRATIONS, ROOFTOP EQUIPMENT AND ACCESSORIES SHOWN ON THIS PLAN ARE APPROXIMATE LOCATIONS ONLY. COORDINATE LOCATIONS AND SIZES WITH PLUMBING AND MECHANICAL DRAWINGS.
3. ALL DOWN-SPOUTS AT GRADE SHALL BE CONNECTED TO UNDERGROUND RAIN LEADERS AND DISCHARE ON SITE RETENTION BASIN(S).
4. PROVIDE FALL ARREST ANCHORS AT HIGH ROOF: SEE SPEC'S
5. SEE ELECTRICAL DRAWINGS FOR ROOF MOUNTED LIGHTING PROTECTION.

NEW WORK KEYNOTES

A1	ALUMINUM PANEL ROOF 13 34 19
A3	DOWNSPOUTS TO DISCHARGE AT GRADE ON CONCRETE SPLASH BLOCKS (TYP)
A20	ROOF RIDGE
A30	ROOF OVERHANG
A36	GUTTER SPLASH GUARD

RAINFALL CALCULATIONS

TOTAL ROOF AREA = 33,936 SF
100-YEAR HOURLY RAINFALL RATE PER IPC 2015 FIGURE 1106.1 = 4.25"

LARGEST ROOF TRIBUTARY AREA TO A SINGLE DOWNSPOUT
(GRAPHICALLY DEPICTED ON ROOF PLAN) = 3,095 SF

GALLONS PER MINUTE PER RAINFALL RATE AND ROOF AREA= 137 GPM
GUTTERS = 8" @ 1/16" SLOPE CAPACITY PER TABLE 1106.6
= 172 GPM > 137 GPM REQUIRED
DOWNSPOUTS = 5" CAPACITY PER TABLE 1106.3
= 360 GPM > 137 GPM REQUIRED

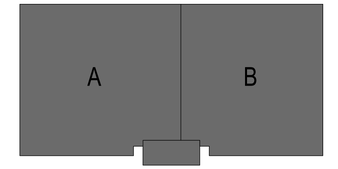
SYMBOL LEGEND

□	DS - DOWNSPOUT
→	DIRECTION OF ROOF SLOPE
▨	LARGEST TRIBUTARY AREA

RAINFALL RATIO

GUTTERS AND DOWNSPOUTS ARE SIZED TO ACCOMMODATE AN HOURLY RAINFALL INTENSITY OF 8 INCHES FOR 5 MINUTE PERIODS TO BE EXPECTED ONCE IN 10 YEARS.

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMI SUNNO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL. (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT_CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
ROOF PLAN

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794300
SHEET	81 OF 228

A-107

DRAWFORM REVISION: 17 APRIL 2018

C:\n-620\16\1603\6\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:18 PM

1 2 3 4 5

D

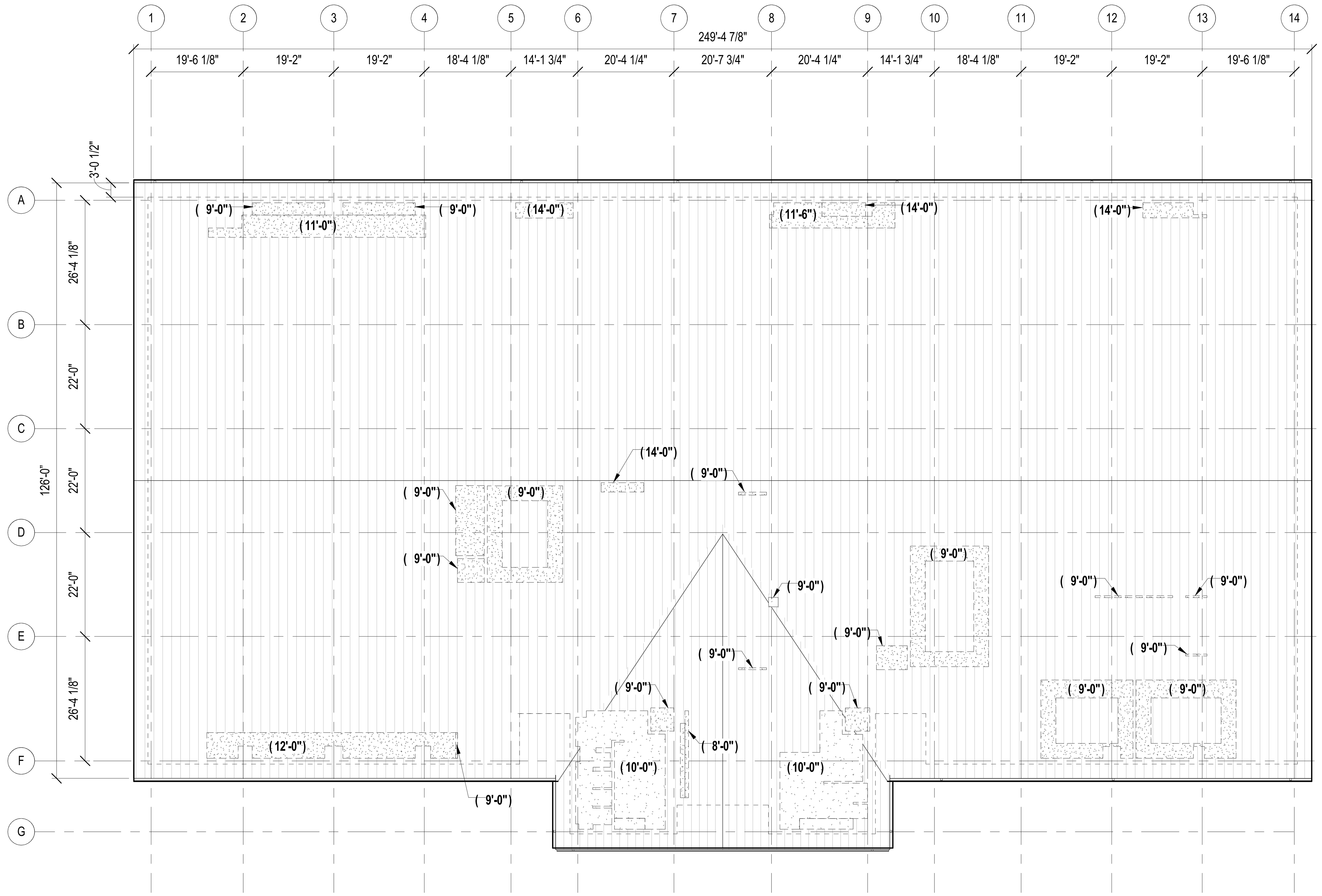
C

B

A

ROOF PLAN LEGEND

[gypsum board ceiling hatch]	GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
[moisture resistant gypsum board ceiling hatch]	MOISTURE RESISTANT GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.

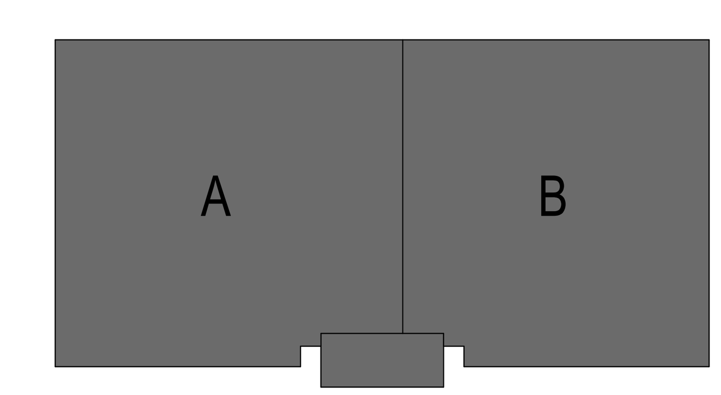


A1 **ROOF PLAN WITH GYPSUM CEILING BOARD LOCATION**

SCALE: 1/16" = 1'-0"

1/16" = 1'-0" 0' 8' 16' 32'

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

SEAL

440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
James E. Donahue, R.A.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES AVS | DRW KLC | CHK ZNK

PM/DM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

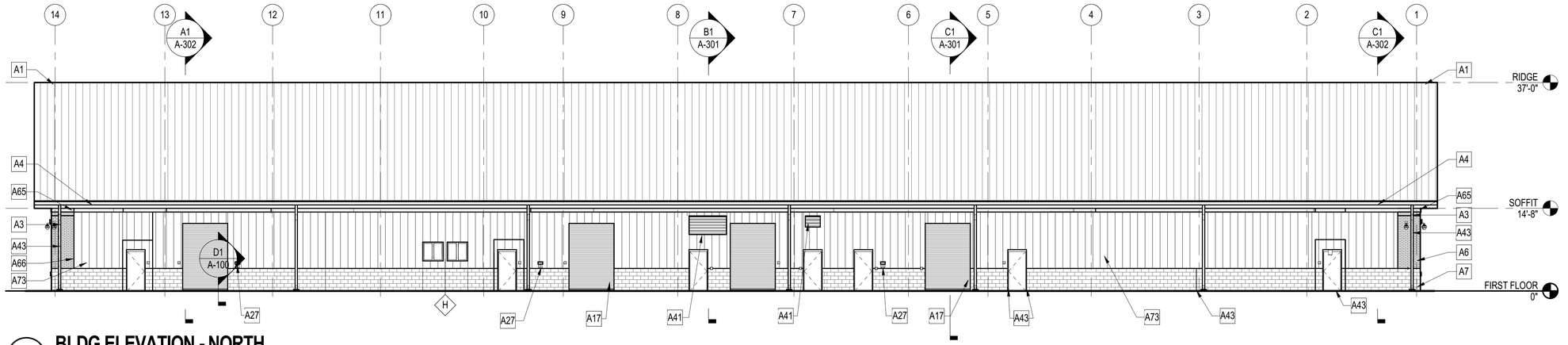
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
GYPSUM CEILING LOCATION PLAN

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794301
SHEET 82 OF 228

A-108

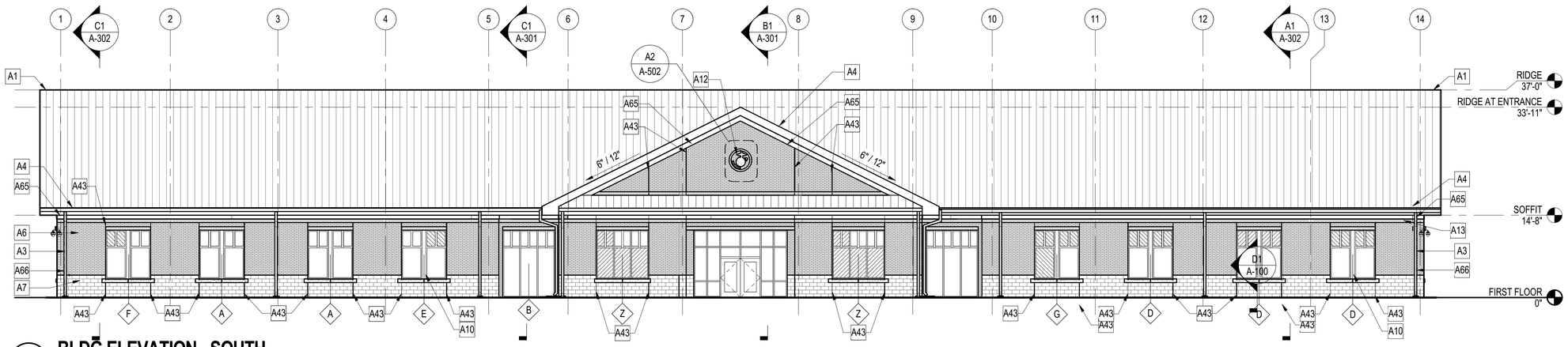
DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\2016\10136813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:19 PM



C1 BLDG ELEVATION - NORTH

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



B1 BLDG ELEVATION - SOUTH

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

0' 6' 12' 18'

GENERAL SHEET NOTES

1. ALL MATERIALS SHALL BE NEW AND PROVIDED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED AS EXISTING OR AS PROVIDED BY THE GOVERNMENT.
2. ALL WOOD BLOCKING AND MISCELLANEOUS STEEL SHOWN IN DETAILS AND SECTIONS SHALL BE CONTINUOUS UNLESS SPECIFICALLY NOTED OTHERWISE.
3. DIMENSIONS INDICATED FOR NEW WORK ARE TO FACE OF GYP, FACE OF MASONRY
4. STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER, AND IMMEDIATELY REPORT TO THE ARCHITECT ANY ERRORS AND INCONSISTENCIES OR OMISSIONS DISCOVERED. PERFORMING ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVES A RECOGNIZED ERROR, INCONSISTENCY OR OMISSION IN THE CONTRACT DOCUMENTS WITHOUT SUCH NOTICE TO THE ARCHITECT, THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR SUCH PERFORMANCE AND WILL BEAR THE AMOUNT OF THE COST OF THE CONSTRUCTION.

◇ REPRESENTS WINDOW TYPES, SEE SHEET A-603

NEW WORK KEYNOTES

A1	ALUMINUM PANEL ROOF 13 34 19
A3	DOWNSPOUTS TO DISCHARGE AT GRADE ON CONCRETE SPLASH BLOCKS (TYP)
A4	PEMB MANUFACTURER FASCIA AND TRIM SYSTEM
A6	RED FLASH WIRE CUT BRICK, RUNNING BOND (TYP.)
A7	GRAY SPLIT-FACE CMU
A10	ALUMINUM WINDOW TRIM
A12	ALUMINUM INSIGNIA PIN MOUNTED 1" FROM FACE OF BRICK
A13	RED FLASH WIRE CUT BRICK SOLDIER COURSE BAND
A17	INSULATED COILING ROLLUP DOOR, SLATE GRAY
A27	CONDUIT COVER, REFER TO A3/A-502
A41	MECHANICAL LOUVER TO MATCH ROOF - REFER TO MECHANICAL DRAWINGS
A42	MECHANICAL VENT - REFER TO MECHANICAL DRAWINGS
A43	MASONRY CONTROL JOINT
A65	8" ALUMINUM FRIEZE BOARD, SLATE GRAY
A66	MASONRY CONTROL JOINT, 2'-0" FROM CORNER OF WALL
A73	METAL WALL PANEL, SLATE GRAY

GLAZING LEGEND

INSULATING GLASS UNIT WITH LAMINATED GLASS - SEE SPECIFICATIONS

INSULATING GLASS UNITS AT SPANDREL LOCATIONS - SEE SPECIFICATIONS

EXTERIOR FINISH SCHEDULE

NOTE: EXTERIOR FINISH SELECTIONS MUST CONFORM THE MCB CAMP LEJUENE BASE EXTERIOR ARCHITECTURAL PLAN (BEAP)

A. EXTERIOR BRICK - RED FLASHED WIRE CUT WITH GRAY MORTAR - TO MATCH MARSOC CAMPUS BRICK COLOR AND PATTERN

B. GRAY SPLIT-FACE CMU - RUN 1 COURSE ABOVE WINDOW SILL WATERTABLE

C. STANDING SEAM METAL ROOF - TO MATCH MARSOC CAMPUS SLATE GRAY

D. EXTERIOR PAINT (DOORS, DOOR FRAMES, LOUVERS, STEEL (LINTELS) - TO MATCH MARSOC CAMPUS SLATE GRAY

E. METAL FASCIA AT ROOF EAVES AND RAKES - TO MATCH MARSOC CAMPUS SLATE GRAY

F. STOREFRONT - CLEAR ANODIZED ALUMINUM

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMI SUPINO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

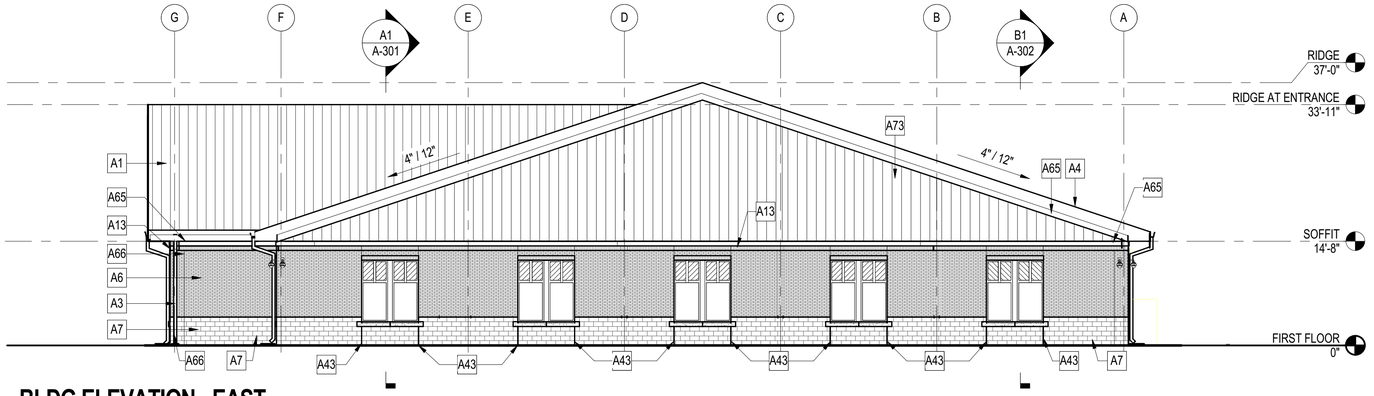
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
NORTH AND SOUTH ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794302
SHEET 83 OF 228

A-201

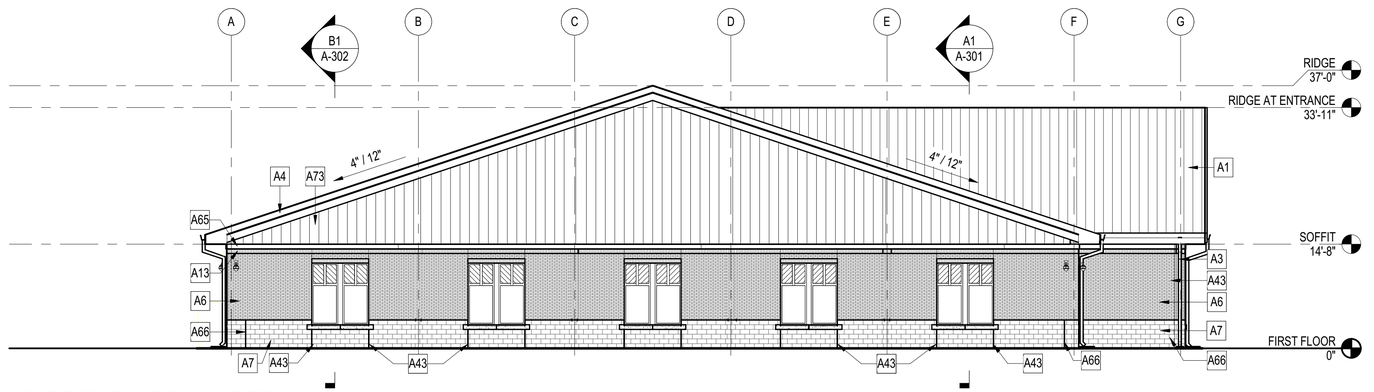
DRAWFORM REVISION: 17 APRIL 2018

C:\e\d\20161\01360\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:21 PM



C2 BLDG ELEVATION - EAST

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



B2 BLDG ELEVATION - WEST

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

0' 6' 12' 18'

GENERAL SHEET NOTES

1. ALL MATERIALS SHALL BE NEW AND PROVIDED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED AS EXISTING OR AS PROVIDED BY THE GOVERNMENT.
2. ALL WOOD BLOCKING AND MISCELLANEOUS STEEL SHOWN IN DETAILS AND SECTIONS SHALL BE CONTINUOUS UNLESS SPECIFICALLY NOTED OTHERWISE.
3. DIMENSIONS INDICATED FOR NEW WORK ARE TO FACE OF GYP, FACE OF MASONRY
4. STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER, AND IMMEDIATELY REPORT TO THE ARCHITECT ANY ERRORS AND INCONSISTENCIES OR OMISSIONS DISCOVERED. PERFORMING ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVES A RECOGNIZED ERROR, INCONSISTENCY OR OMISSION IN THE CONTRACT DOCUMENTS WITHOUT SUCH NOTICE TO THE ARCHITECT, THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR SUCH PERFORMANCE AND WILL BEAR THE AMOUNT OF THE COST OF THE CONSTRUCTION.

◇ REPRESENTS WINDOW TYPES, SEE SHEET A-603

☐ NEW WORK KEYNOTES

A1	ALUMINUM PANEL ROOF 13 34 19
A3	DOWNSPOUTS TO DISCHARGE AT GRADE ON CONCRETE SPLASH BLOCKS (TYP)
A4	PEMB MANUFACTURER FASCIA AND TRIM SYSTEM
A6	RED FLASH WIRE CUT BRICK, RUNNING BOND (TYP.)
A7	GRAY SPLIT-FACE CMU
A13	RED FLASH WIRE CUT BRICK SOLDIER COURSE BAND
A43	MASONRY CONTROL JOINT
A65	8" ALUMINUM FRIEZE BOARD, SLATE GRAY
A66	MASONRY CONTROL JOINT, 2'-0" FROM CORNER OF WALL
A73	METAL WALL PANEL, SLATE GRAY

GLAZING LEGEND

INSULATING GLASS UNIT WITH LAMINATED GLASS - SEE SPECIFICATIONS

INSULATING GLASS UNITS AT SPANDREL LOCATIONS - SEE SPECIFICATIONS

EXTERIOR FINISH SCHEDULE

NOTE: EXTERIOR FINISH SELECTIONS MUST CONFORM THE MCB CAMP LEJUENE BASE EXTERIOR ARCHITECTURAL PLAN (BEAP)

A. EXTERIOR BRICK - RED FLASHED WIRE CUT WITH GRAY MORTAR - TO MATCH MARSOC CAMPUS BRICK COLOR AND PATTERN

B. GRAY SPLIT-FACE CMU - RUN 1 COURSE ABOVE WINDOW SILL WATERTABLE

C. STANDING SEAM METAL ROOF - TO MATCH MARSOC CAMPUS SLATE GRAY

D. EXTERIOR PAINT (DOORS, DOOR FRAMES, LOUVERS, STEEL (LINTELS) - TO MATCH MARSOC CAMPUS SLATE GRAY

E. METAL FASCIA AT ROOF EAVES AND RAKES - TO MATCH MARSOC CAMPUS SLATE GRAY

F. STOREFRONT - CLEAR ANODIZED ALUMINUM

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON — REGISTERED ARCHITECT — 12960 — NORTH CAROLINA — CHARLOTTE, NORTH CAROLINA — 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

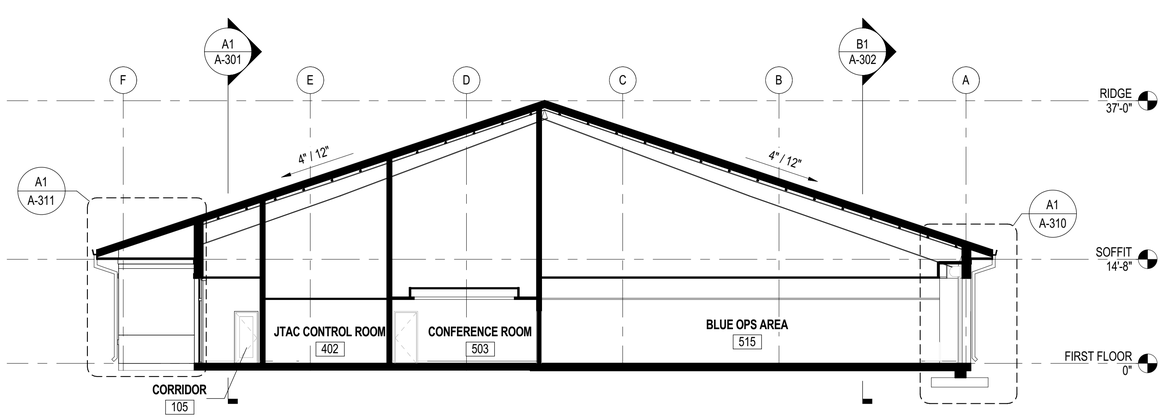
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
EAST AND WEST ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794303
SHEET 84 OF 228

A-202

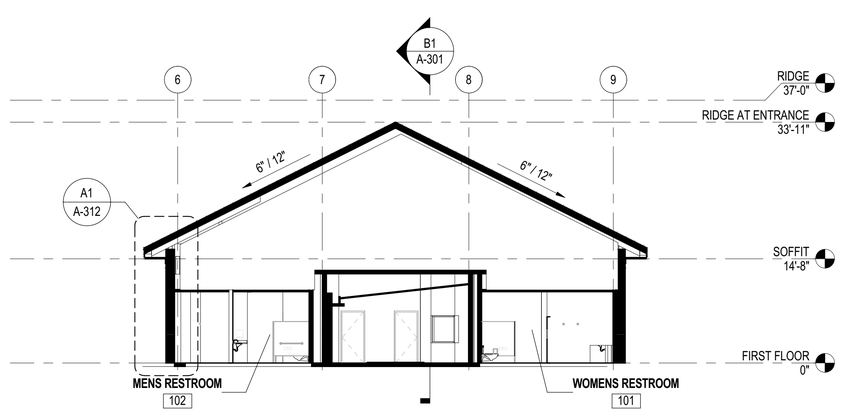
DRAWFORM REVISION: 17 APRIL 2018

C:\n-620\161901\3851\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:23 PM



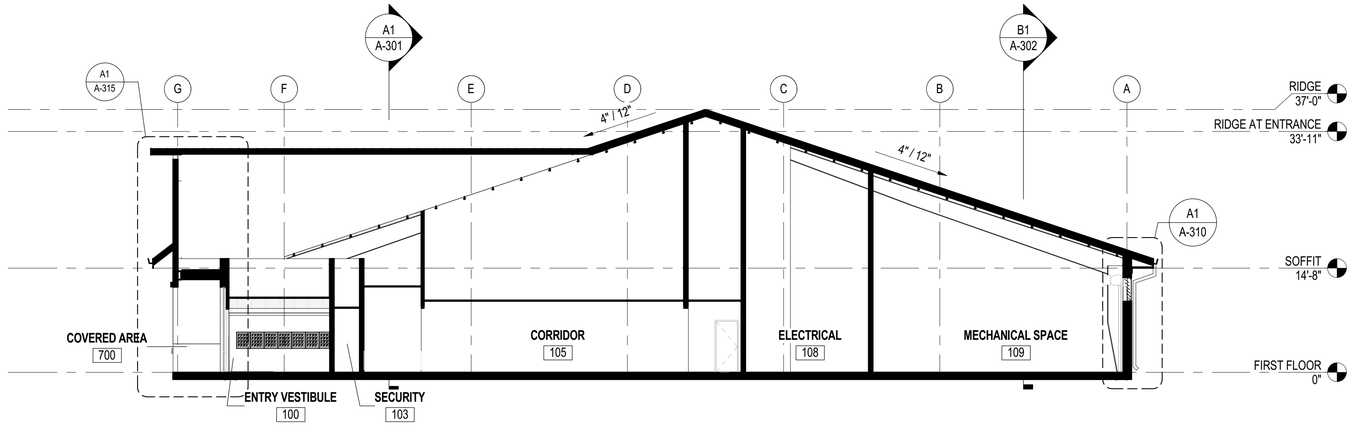
C1 BUILDING SECTION - BLUE OPS

SCALE: 3/32" = 1'-0" (A-101)



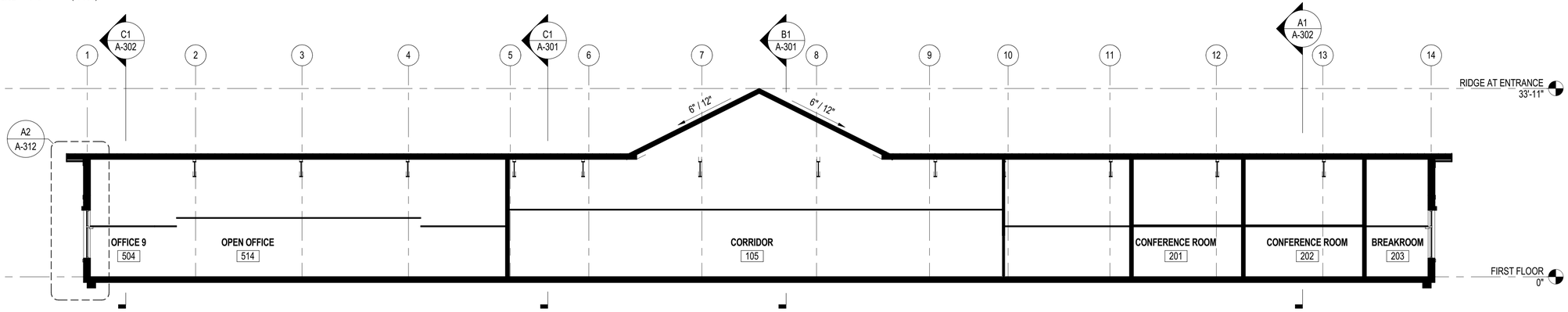
C4 BUILDING SECTION - ENTRY

SCALE: 3/32" = 1'-0" (A-102)



B1 BUILDING SECTION - EAST/WEST

SCALE: 3/32" = 1'-0" (A-101)



A1 BUILDING SECTION - NORTH

SCALE: 3/32" = 1'-0" (A-101)

0' 6' 12' 18'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAN SUMMERN REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE Cr

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

MARSOC

P1395 MARINE RAIDER HEADQUARTERS

BUILDING SECTIONS

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

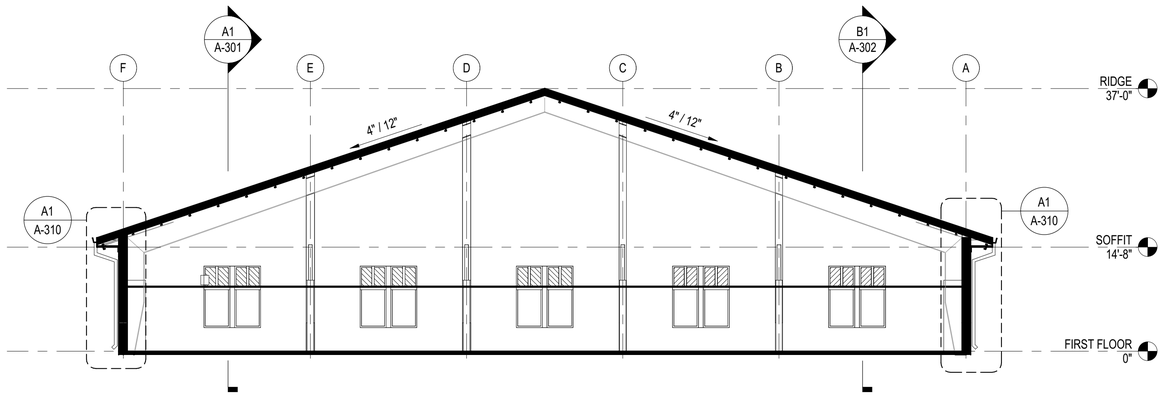
NAVFAC DRAWING NO. 12794304

SHEET 85 OF 228

A-301

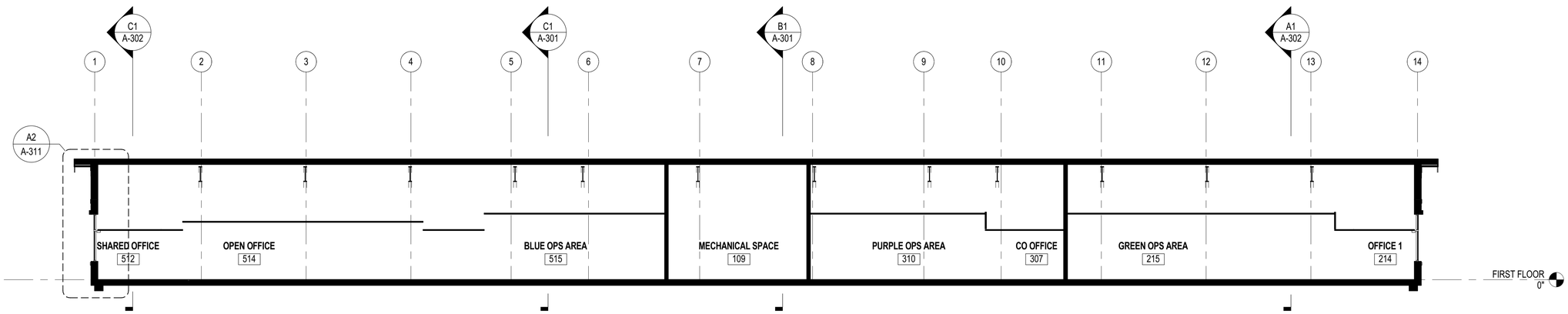
DRAWFORM REVISION: 17 APRIL 2018

C:\h\r0016\f01936813-A-CENTRAL_P-1395 MARINE HQ_SHUTTALL.rvt
6/25/2020 12:12:24 PM



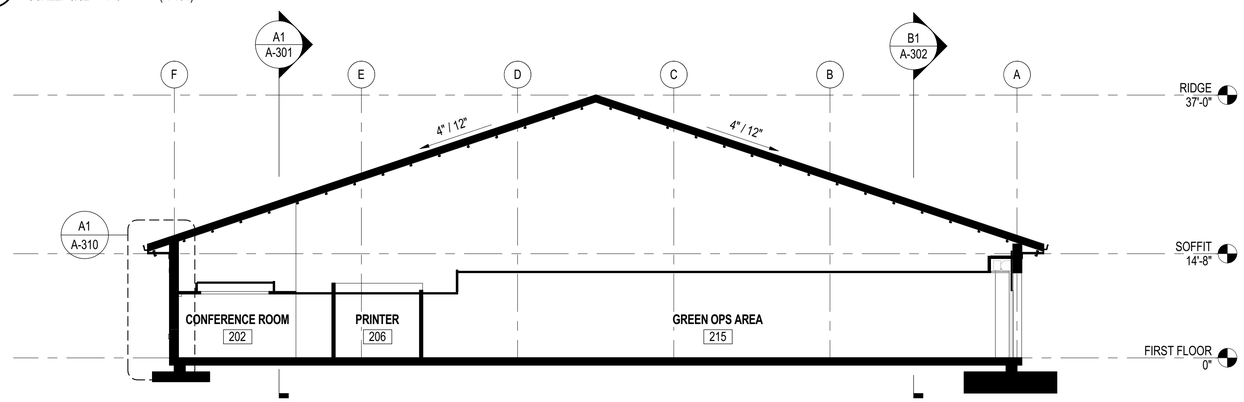
C1 BUILDING SECTION - BLUE OFFICES

SCALE: 3/32" = 1'-0" (A-101)



B1 BUILDING SECTION - OPS ROOMS

SCALE: 3/32" = 1'-0" (A-101)



A1 BUILDING SECTION - GREEN OPS

SCALE: 3/32" = 1'-0" (A-101)

0' 6' 12' 18'

1 2 3 4 5

UNCLASSIFIED

C:\rvt\2016\19136913-A-CENTRAL_P-1395 MARINE HQ_SHUTTALL-rvt
6/25/2020 12:12:04 PM

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTALL REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
James E. Hughes, P.E.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE	06/19/2020		
DES	AVS	DRW KLC	CHK ZNK
PM/DM	SGL/RMS		
BRANCH MANAGER	DJD		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION			

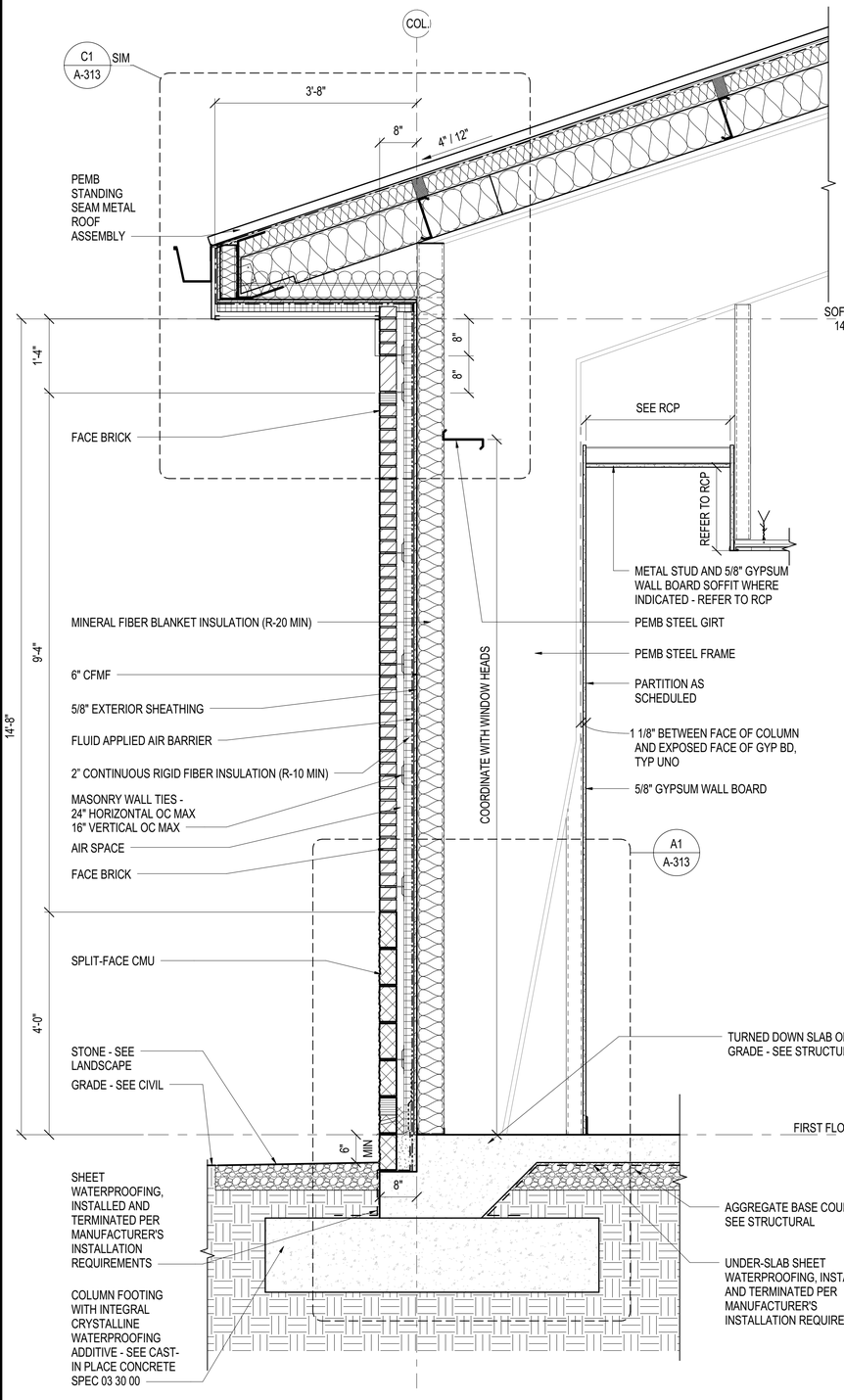
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE Cr.
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
BUILDING SECTIONS

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794305
SHEET	86 OF 228

A-302

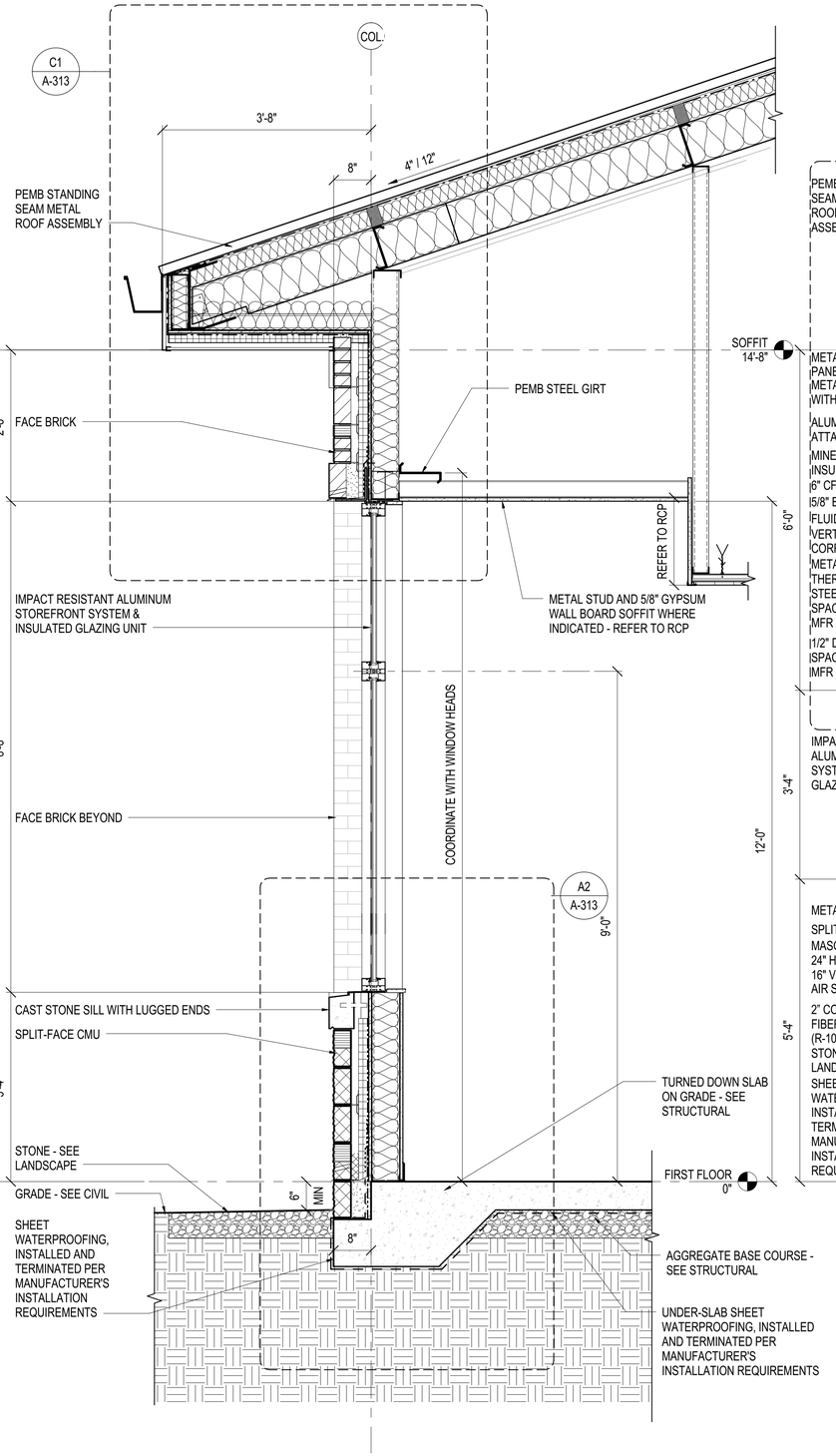
DRAWFORM REVISION: 17 APRIL 2018

UNCLASSIFIED



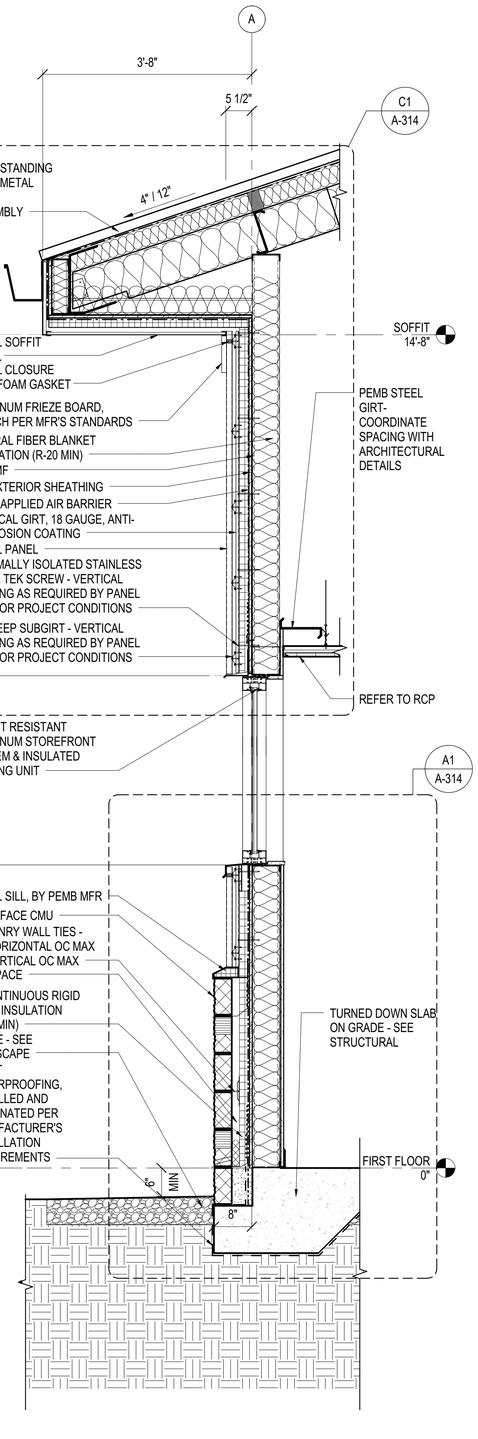
A1 TYPICAL WALL SECTION

SCALE: 3/4" = 1'-0" (A-102)



A2 TYPICAL WALL SECTION AT WINDOW

SCALE: 3/4" = 1'-0" (A-102)



A3 WALL SECTION

SCALE: 3/4" = 1'-0" (A-103)

3/4" = 1'-0" 0' 1' 2' 3

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/IM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

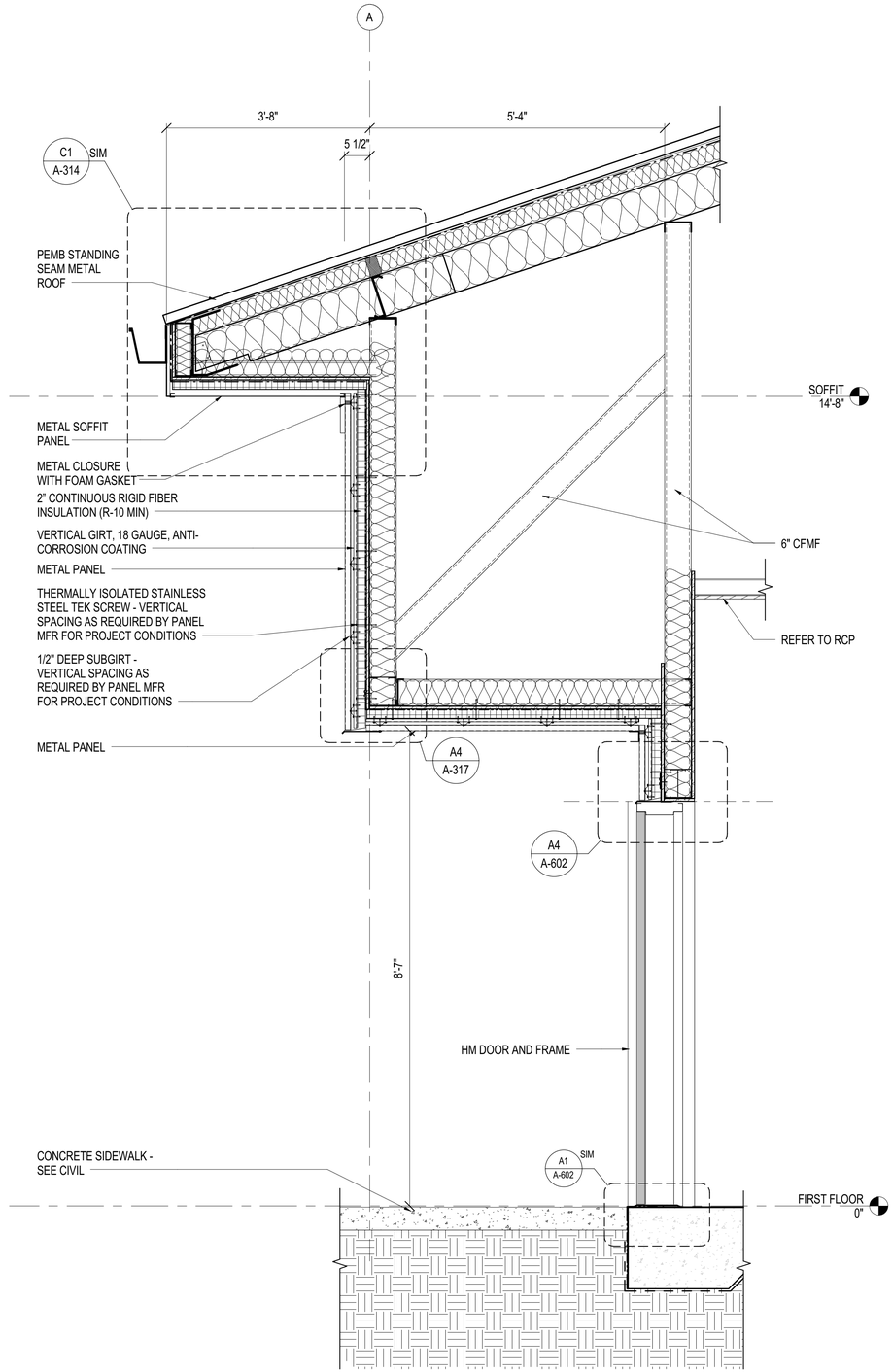
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
WALL SECTIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794306
SHEET 87 OF 228

A-310

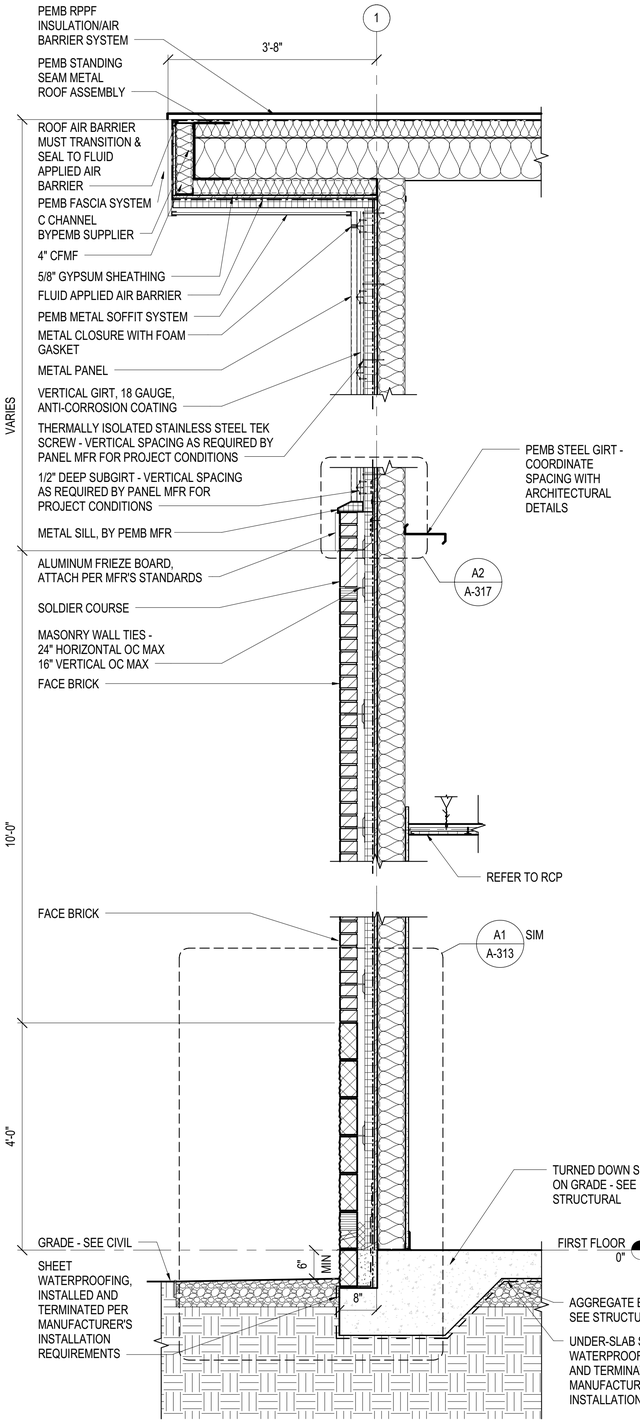
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161101\36013-A-CENTRAL_P-1395 MARINE HQ_SNJ\TTALL.rvt
6/22/2020 12:12:26 PM



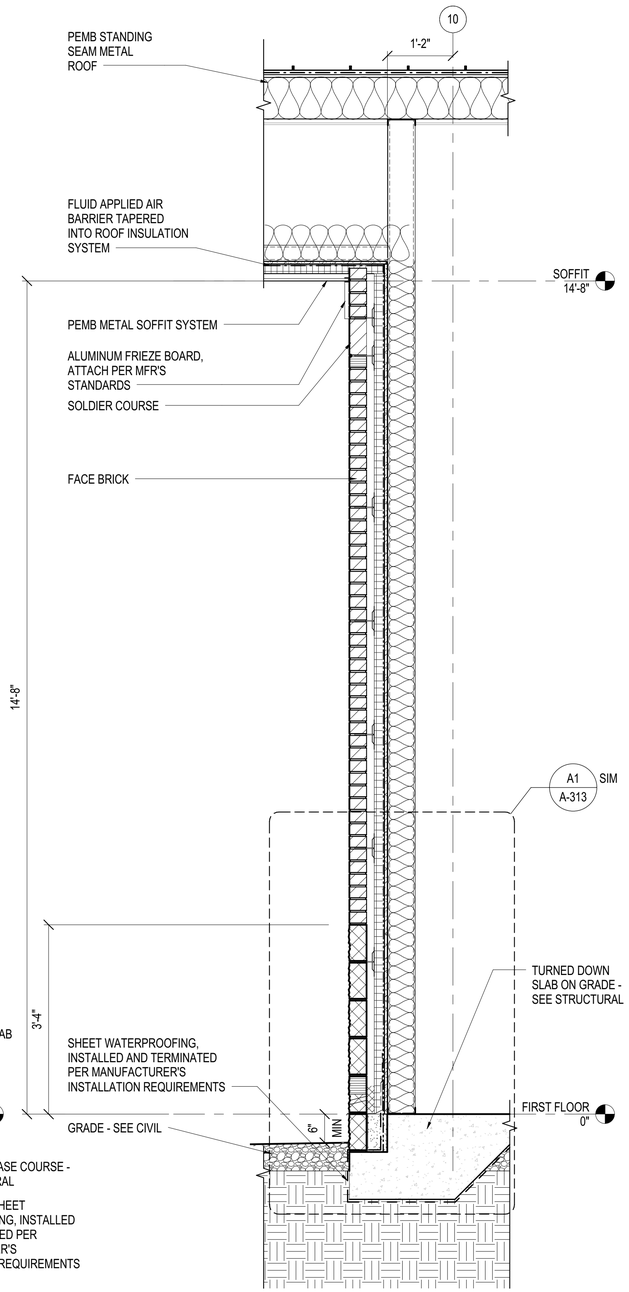
A1 WALL SECTION

SCALE: 3/4" = 1'-0" (A-102)



A2 WALL SECTION AT EAST/WEST

SCALE: 3/4" = 1'-0" (A-102)



A3 WALL SECTION

SCALE: 3/4" = 1'-0" (A-103)

3/4" = 1'-0" 0' 1' 2' 3'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 2020450
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE ~ JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

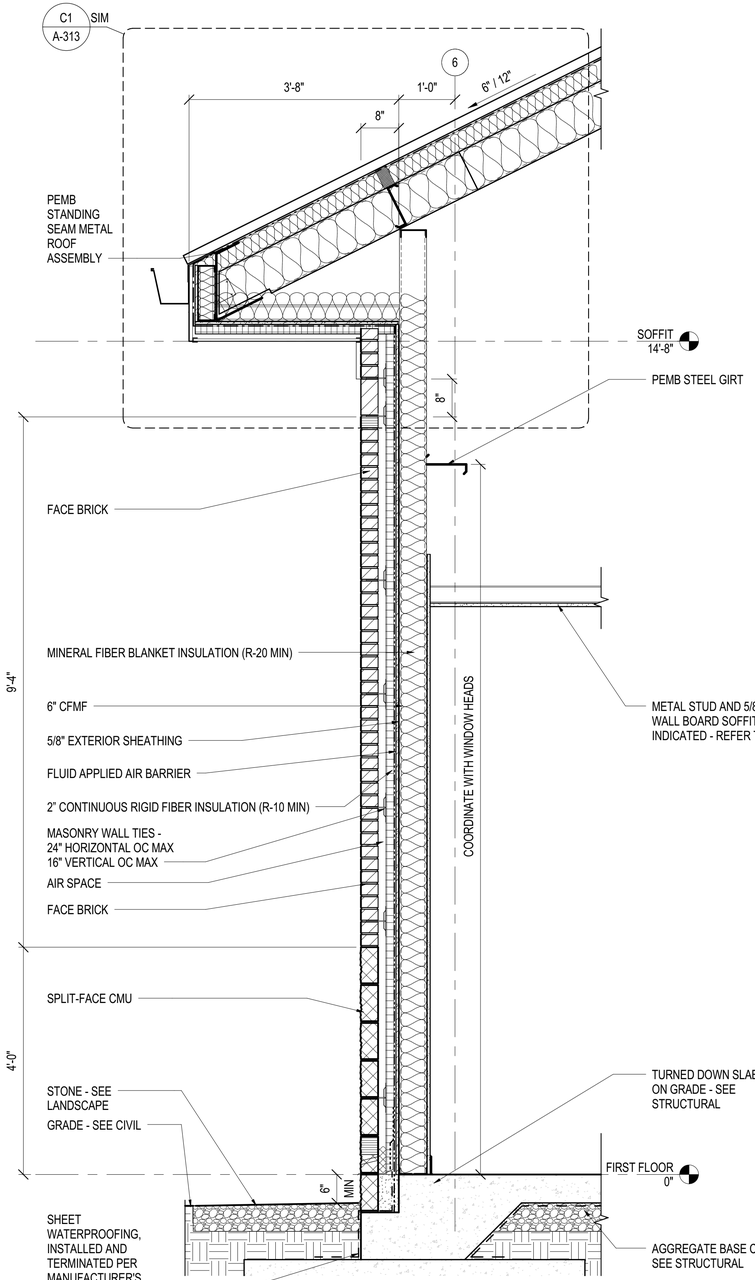
WALL SECTIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794307
SHEET 88 OF 228

A-311

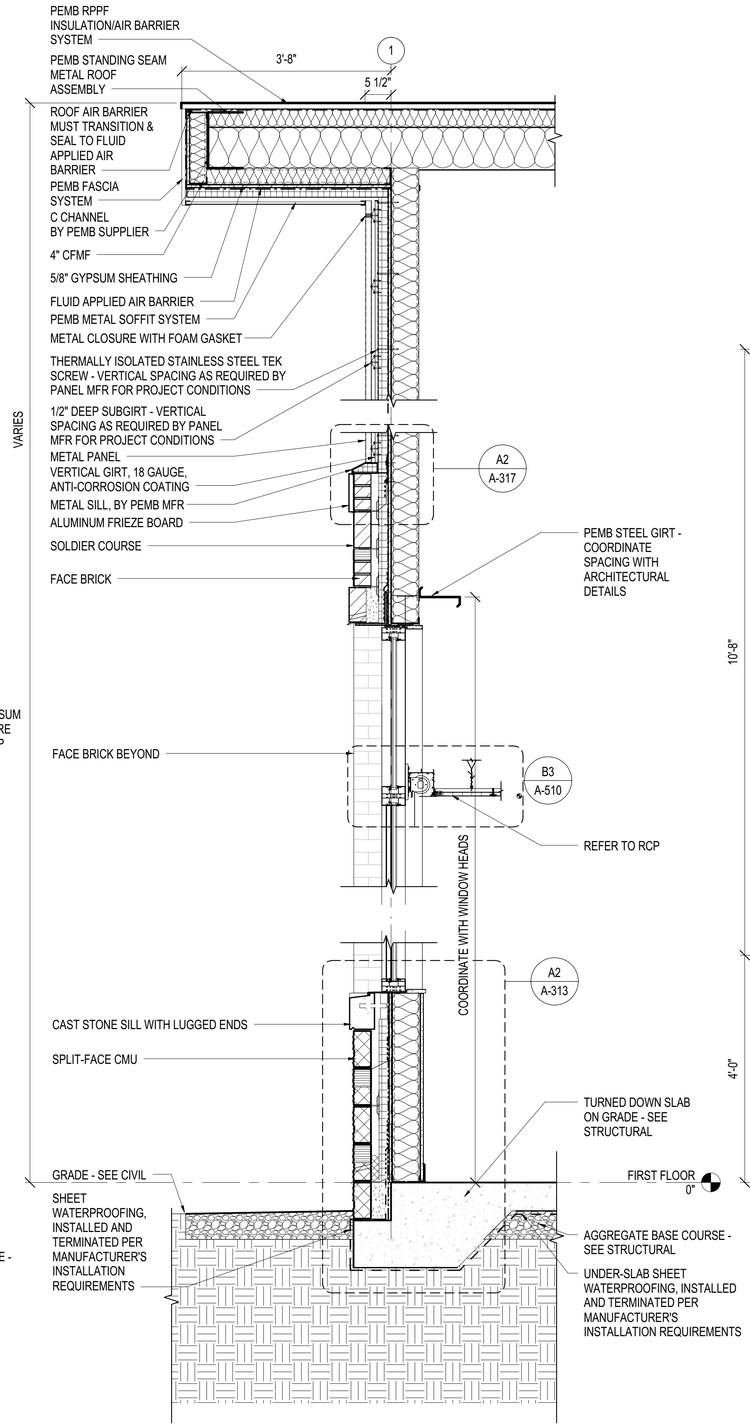
DRAWFORM REVISION: 17 APRIL 2018

C:\x-620\161\1603\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:27 PM



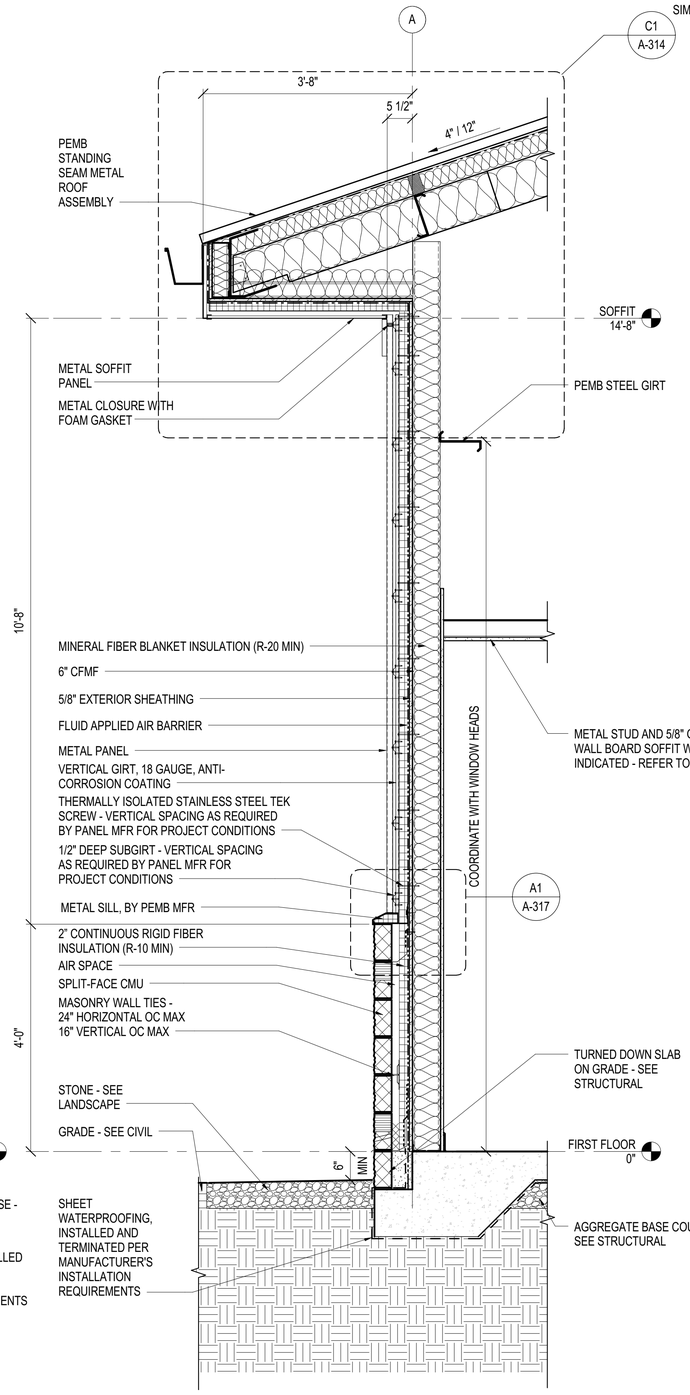
A1 WALL SECTION

SCALE: 3/4" = 1'-0" (A-301)



A2 WALL SECTION

SCALE: 3/4" = 1'-0" (A-102)



A4 WALL SECTION

SCALE: 3/4" = 1'-0" (A-102)

3/4" = 1'-0" 0' 1' 2' 3'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAW SUPINO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO	DATE	
	06/19/2020	
DES AVS	DRW KLC	CHK ZNK
PM/DM	SGL/RMS	
BRANCH MANAGER	DJD	
CHIEF ENG/ARCH	EJA	
FIRE PROTECTION		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

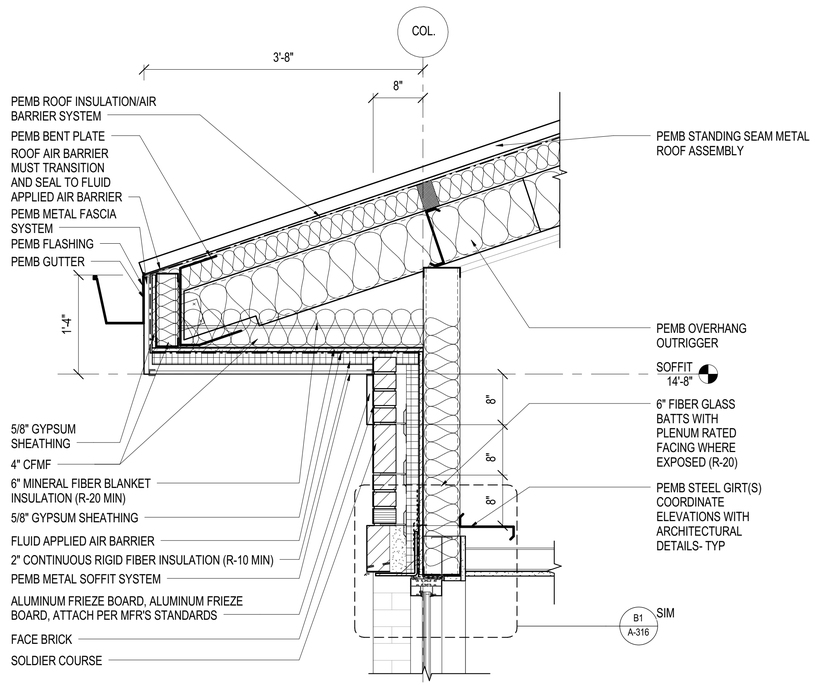
WALL SECTIONS

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794308
SHEET	89 OF 228

A-312

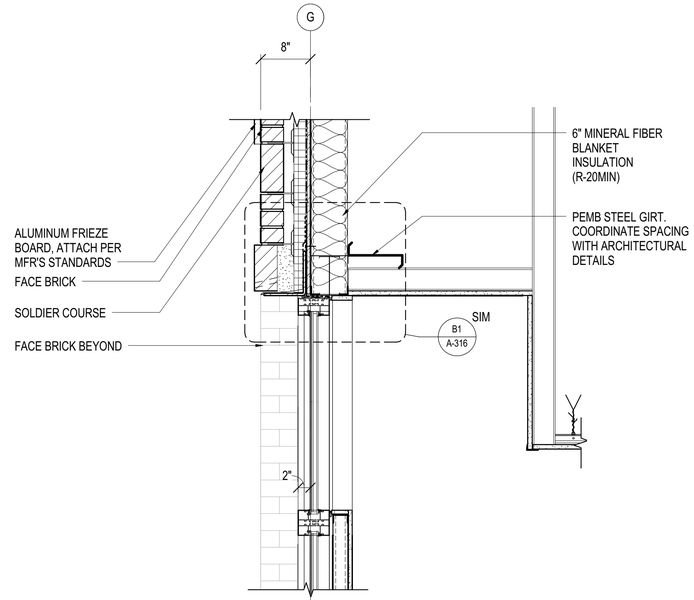
DRAWFORM REVISION: 17 APRIL 2018

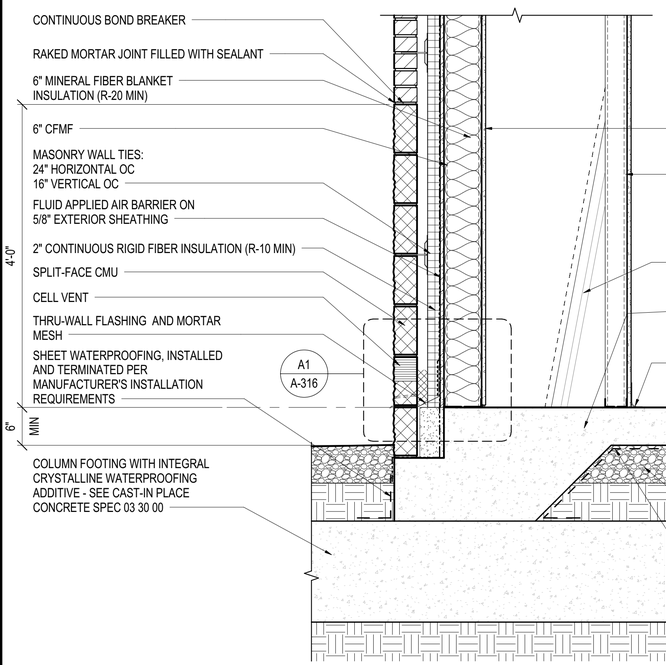
C:\n\d2016\16136013\A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:28 PM



C1 SECTION DETAIL

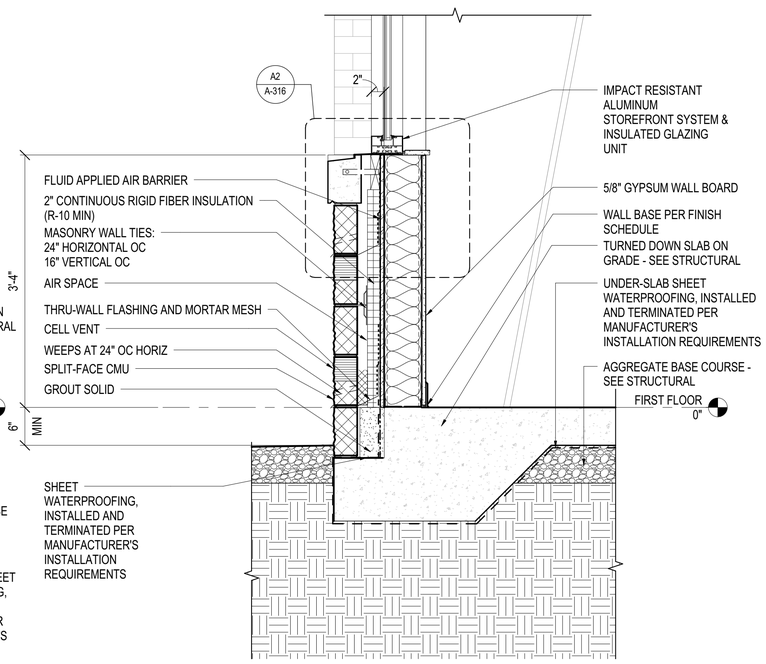
SCALE: 1" = 1'-0" (A-310)





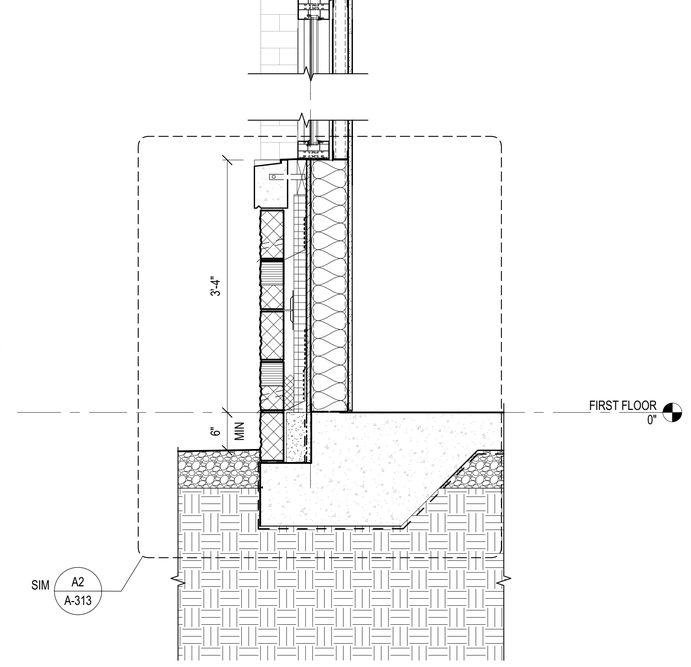
A1 SECTION DETAIL

SCALE: 1" = 1'-0" (A-310)



A2 SECTION DETAIL

SCALE: 1" = 1'-0" (A-310)



A3 WALL SECTION

SCALE: 1" = 1'-0" (A-401)

1" = 1'-0" 0' 6" 1' 2'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMV SUNNO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM:OM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

WALL SECTION DETAILS

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

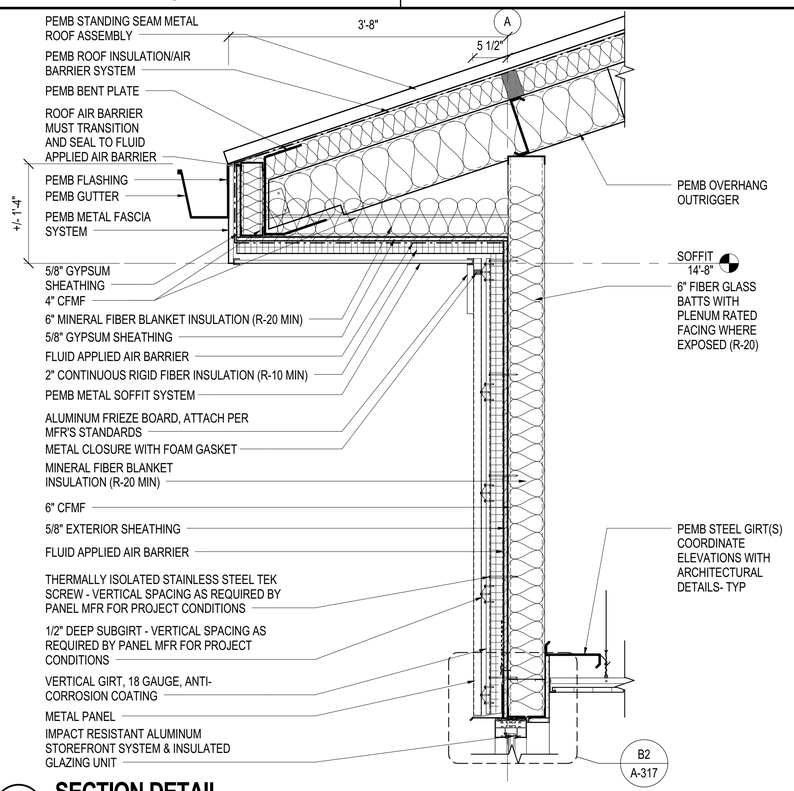
NAVFAC DRAWING NO.
12794309

SHEET 90 OF 228

A-313

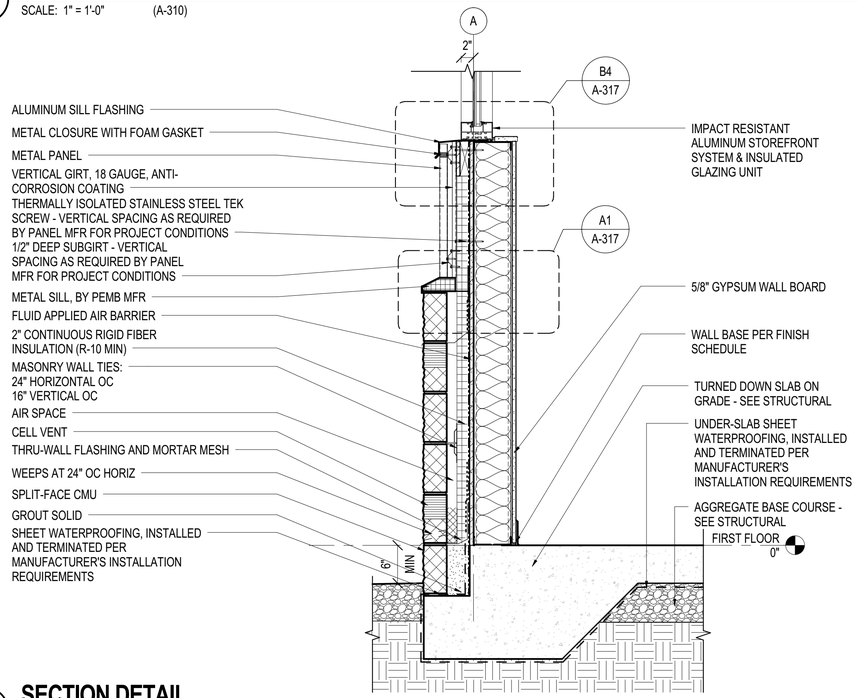
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161101\360\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:29 PM



C1 SECTION DETAIL

SCALE: 1" = 1'-0" (A-310)



A1 SECTION DETAIL

SCALE: 1" = 1'-0" (A-310)

1" = 1'-0" 0' 6" 1' 2'

SYM	DESCRIPTION	DATE	APPR

ALEXANDRIA VANN SUTTON
REGISTERED LANDSCAPE ARCHITECT
12960
NORTH CAROLINA
CHARLOTTE, NORTH CAROLINA
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

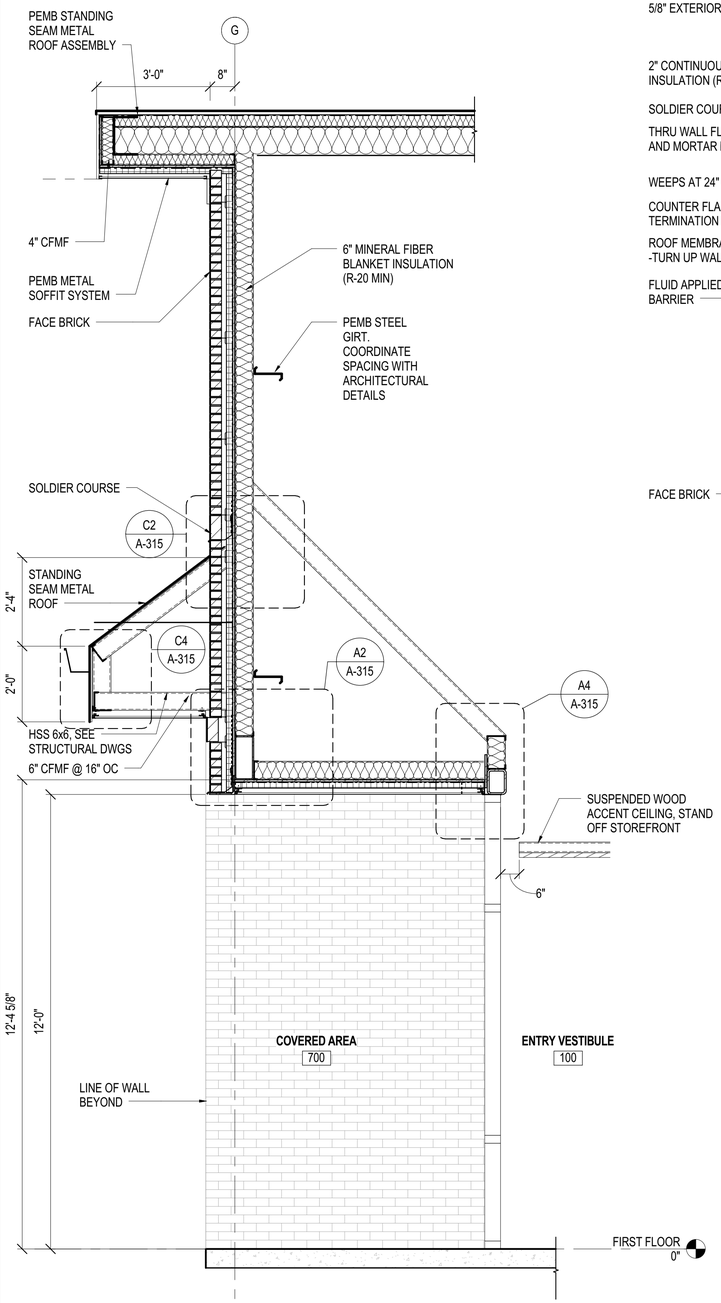
APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
WALL SECTION DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794310
SHEET 91 OF 228
A-314

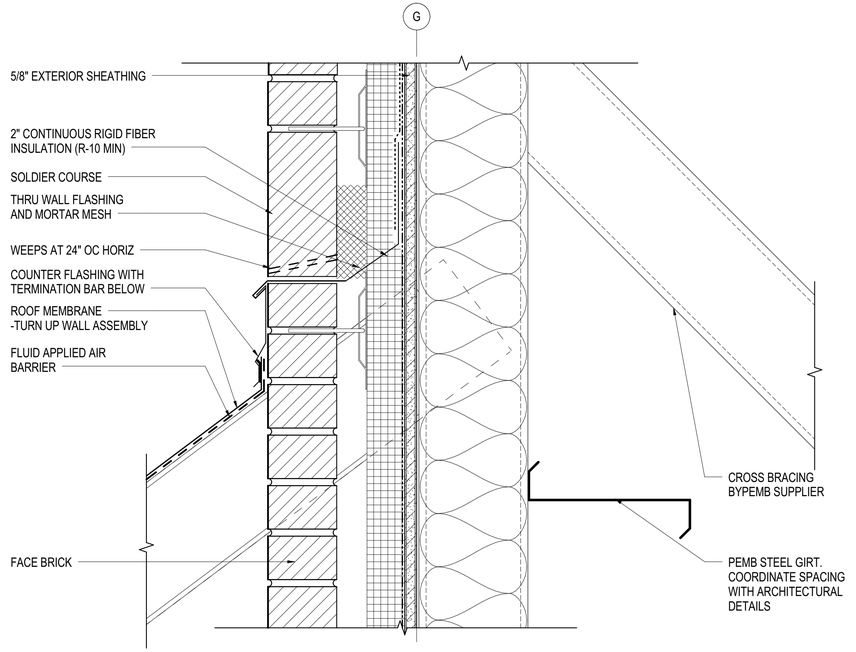
DRAWFORM REVISION: 17 APRIL 2018

C:\n\r020105\01360\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:39 PM



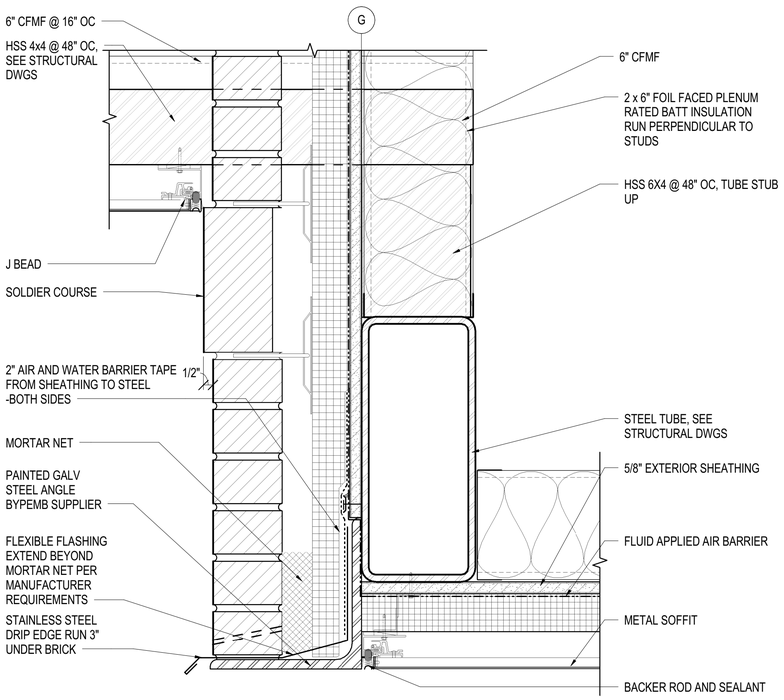
A1 WALL SECTION AT ENTRANCE

SCALE: 1/2" = 1'-0" (A-107)



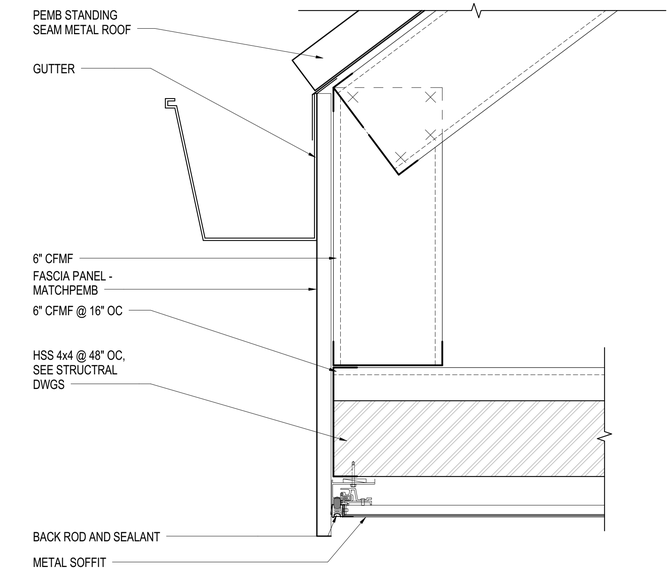
C2 WALL SECTION AT ENTRY OVERHANG

SCALE: 3" = 1'-0" (A-315)



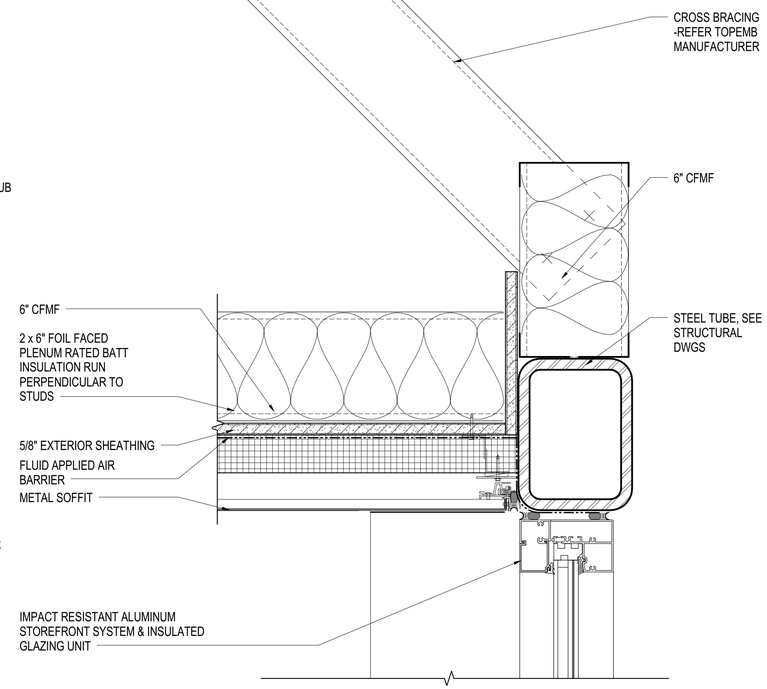
A2 HEAD RUNNER DETAIL

SCALE: 3" = 1'-0" (A-315)



C4 DECORATIVE ROOF EDGE

SCALE: 3" = 1'-0" (A-315)



A4 FRONT ENTRY DOOR HEAD DETAIL

SCALE: 3" = 1'-0" (A-315)

1/2" = 1'-0" 0' 1' 2' 4'

3" = 1'-0" 0' 3" 6" 9"

SYM	DESCRIPTION	DATE	APPR

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

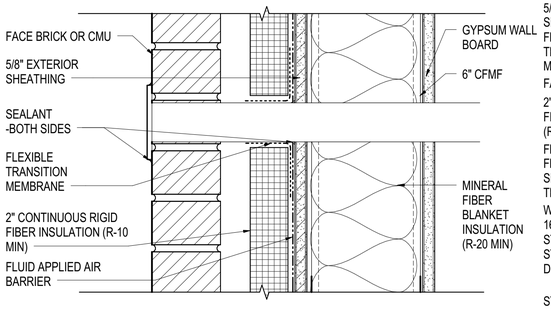
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE ~ JACKSONVILLE, NC
MIDLANT CORE CI
JACKSONVILLE, NORTH CAROLINA
MARSOC
P1395 MARINE RAIDER HEADQUARTERS
WALL SECTIONS AND DETAILS

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794311
SHEET	92 OF 228

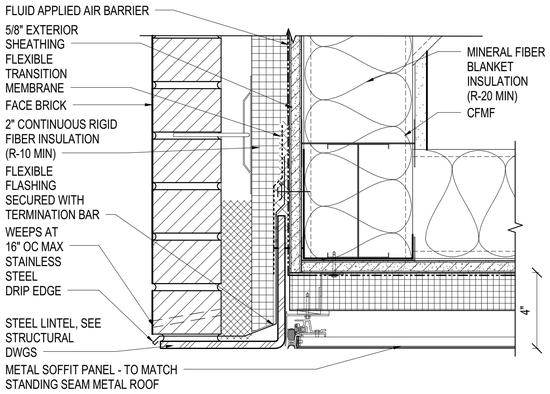
A-315

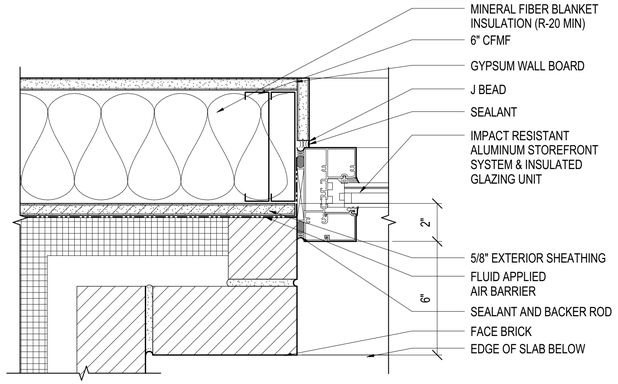
DRAWFORM REVISION: 17 APRIL 2018

C:\x\d0016\01306813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:32 PM



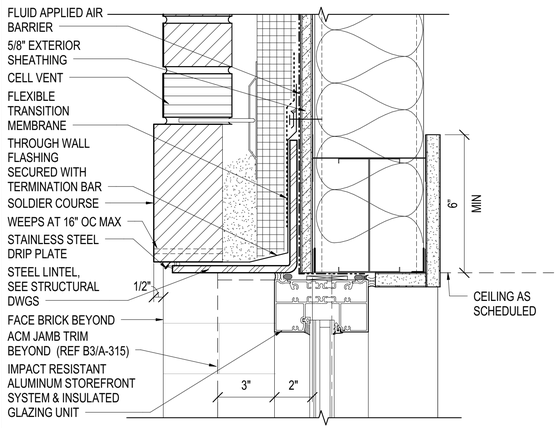
NOTE : COORDINATE WITH MANUFACTURE RECOMMENDATIONS AND DETAILS





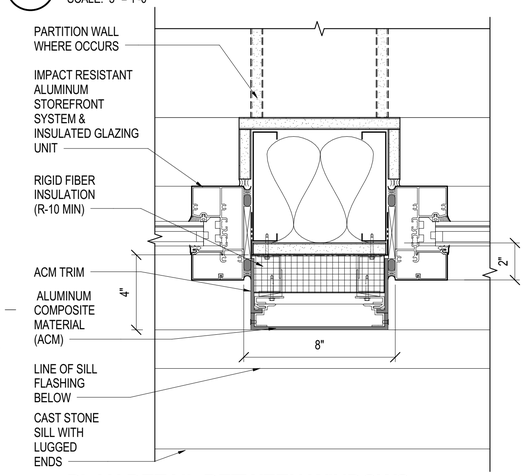
C1 TYPICAL WALL PENETRATION

SCALE: 3" = 1'-0"



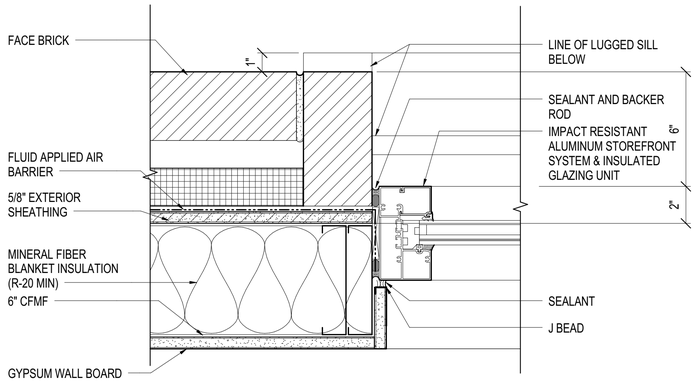
C2 LINTEL / SOFFIT DETAIL

SCALE: 3" = 1'-0"



B4 WINDOW JAMB

SCALE: 3" = 1'-0" (A-503)



B1 WINDOW HEAD - TYPICAL

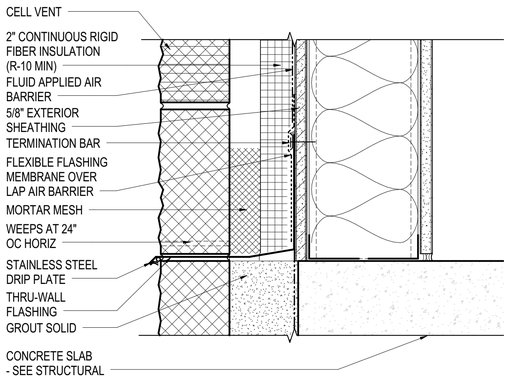
SCALE: 3" = 1'-0" (A-313)

B3 PLAN DETAIL BETWEEN WINDOWS

SCALE: 3" = 1'-0" (A-603)

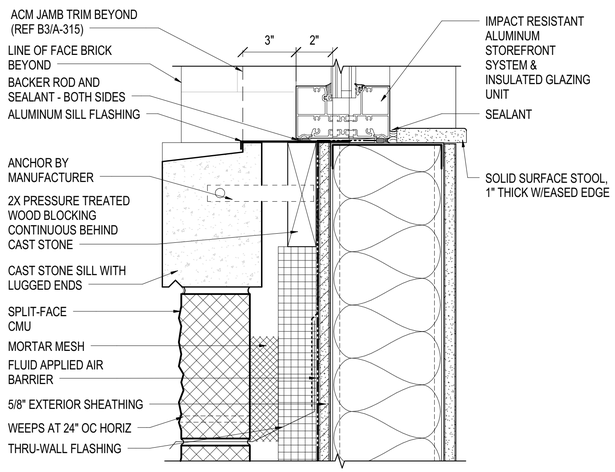
A4 WINDOW JAMB - TYPICAL

SCALE: 3" = 1'-0" (A-603)



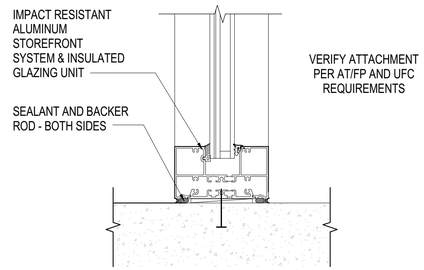
A1 SECTION DETAIL

SCALE: 3" = 1'-0" (A-313)



A2 WINDOW SILL - TYPICAL

SCALE: 3" = 1'-0" (A-313)



B2 STOREFRONT FRAMING SILL

SCALE: 3" = 1'-0" (A-603)

3" = 1'-0" 0' 3" 6" 9"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

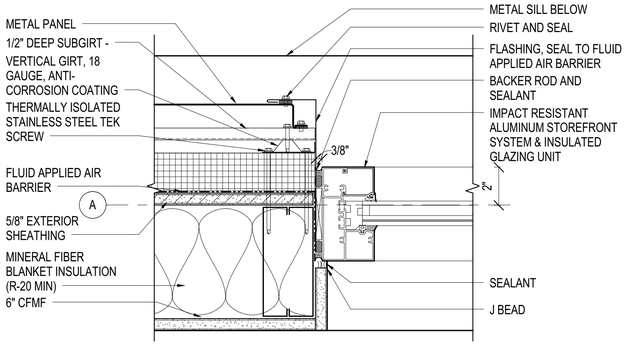
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
WALL SECTION DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794312
SHEET 93 OF 228

A-316

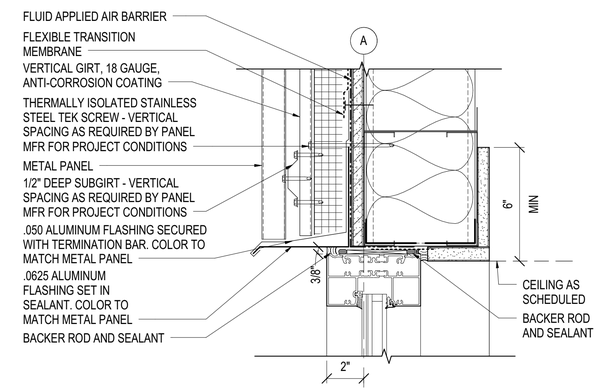
DRAWFORM REVISION: 17 APRIL 2018

C:\n\d2016\161136\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:13:33 PM



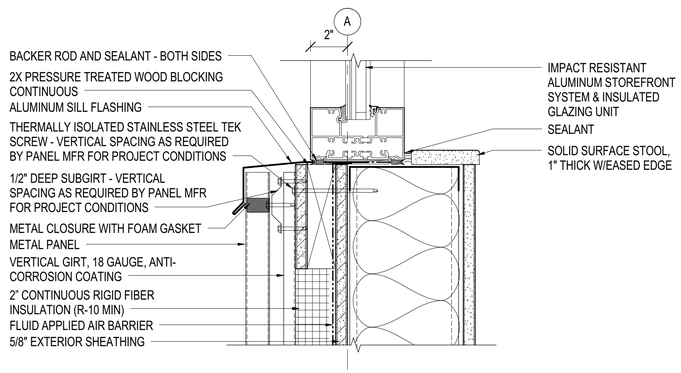
B1 WINDOW JAMB - METAL PANEL

SCALE: 3" = 1'-0" (A-103)



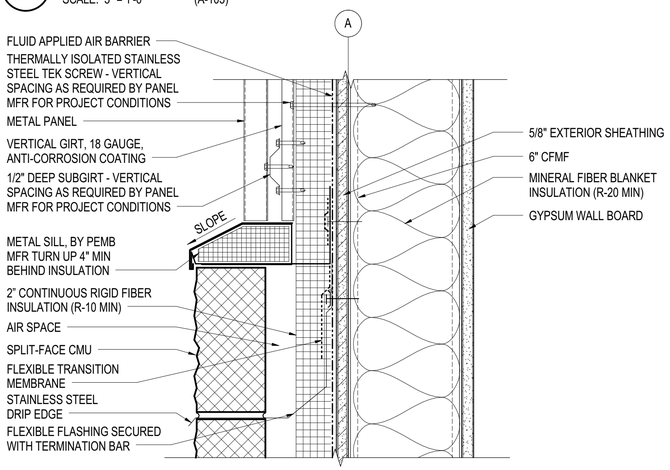
B2 WINDOW HEAD - METAL PANEL

SCALE: 3" = 1'-0" (A-314)



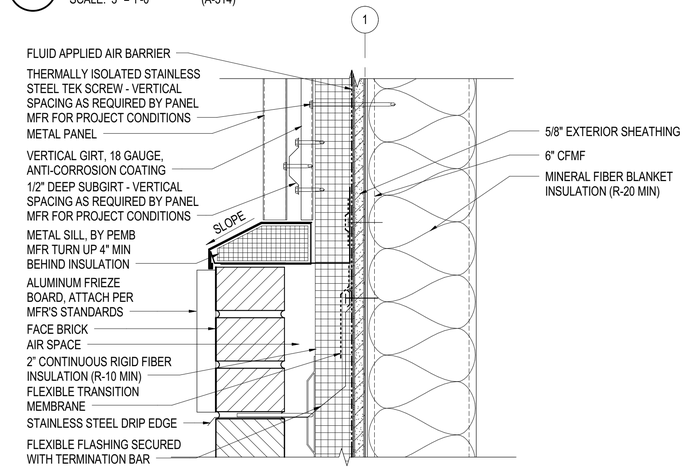
B4 WINDOW SILL - METAL PANEL

SCALE: 3" = 1'-0" (A-314)



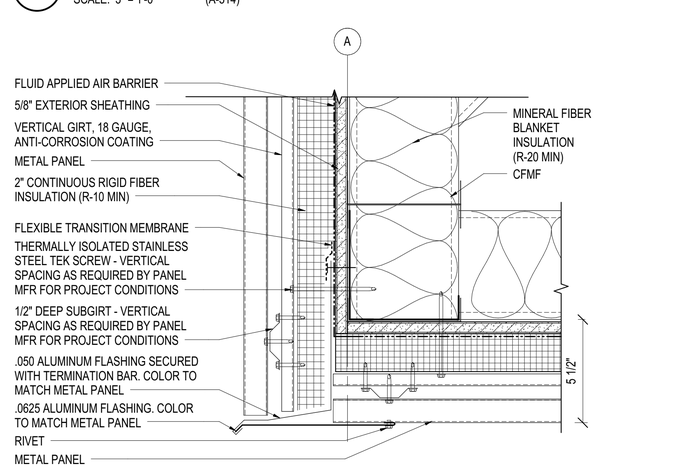
A1 METAL SILL AT CMU

SCALE: 3" = 1'-0" (A-312)



A2 METAL SILL AT BRICK

SCALE: 3" = 1'-0" (A-311)



A4 SOFFIT DETAIL - METAL PANEL

SCALE: 3" = 1'-0" (A-311)

3" = 1'-0" 0' 3" 6" 9"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUPINO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
signature on file
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE ~ JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

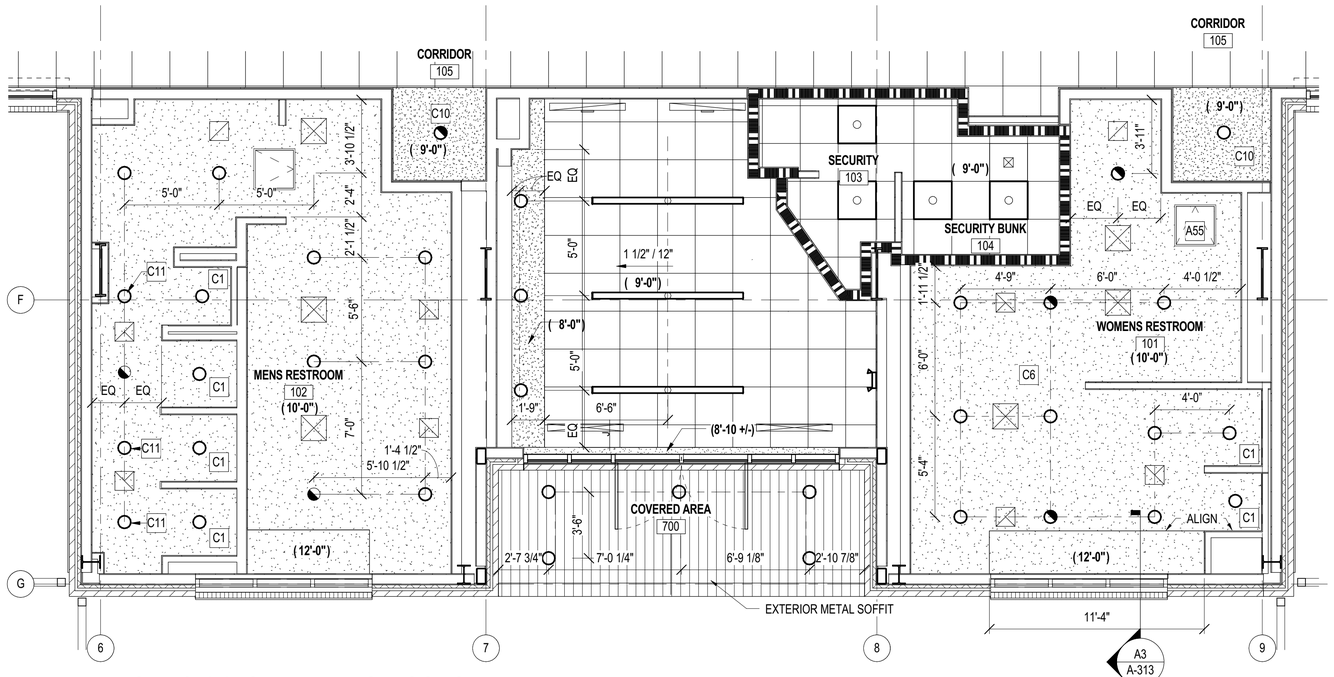
WALL SECTION DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794313
SHEET 94 OF 228

A-317

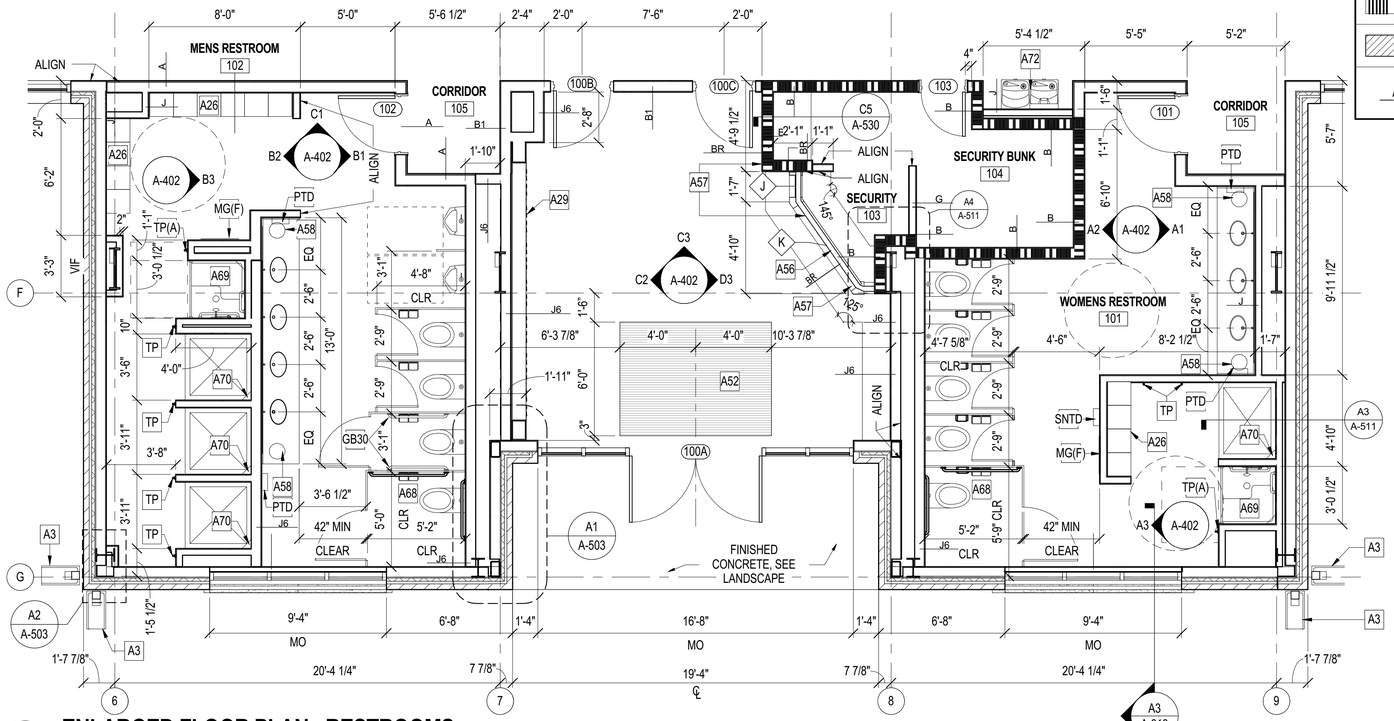
DRAWFORM REVISION: 17 APRIL 2018

C:\c420181901380\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:34 PM



B1 ENLARGED CEILING PLAN - RESTROOMS

SCALE: 1/4" = 1'-0" (A-105)



A1 ENLARGED FLOOR PLAN - RESTROOMS

SCALE: 1/4" = 1'-0" (A-101)

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NO CEILING - EXPOSED TO ROOF DECK ABOVE
	LINEAR DIFFUSER - SEE MECHANICAL DRAWINGS
	2' - 0" x 2' - 0" ACOUSTICAL CEILING TILE
	GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	MOISTURE RESISTANT GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	COVE LIGHTING
(X'-X")	FINISHED CEILING HEIGHT ABOVE FINISHED FLOOR
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EXIT SIGN. REFER TO ELECTRICAL DRAWINGS
OS	OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWINGS
	HORN/STROBE. REFER TO FIRE PROTECTION DRAWINGS
	CEILING SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS
	CEILING RETURN OR EXHAUST. REFER TO MECHANICAL DRAWINGS
	CEILING ACCESS PANEL 24" x 24"
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620. WALL HEIGHT 9'-0" UNO.

WALL RATING LEGEND

	NON-RATED WALL
	1 HR RATED PARTITION
	SMOKE PARTITION
A1	WALL TAG

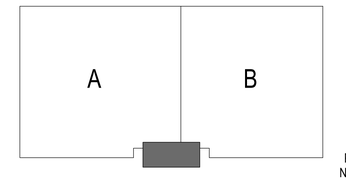
GENERAL SHEET NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO INTERIOR FINISH DRAWINGS FOR ADDITIONAL INTERIOR FINISH SPECIFIC INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
8. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
9. ALL INTERIOR PARTITIONS ARE TYPE "G" UNLESS NOTED OTHERWISE.
10. HIGHER FIRE RATED PARTITIONS TAKE PRECEDENCE OVER LOWER FIRE RATED PARTITIONS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
11. OVERALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE FACE OF BRICK VENEER AT WALL ABOVE WATER TABLE.
12. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
13. PROVIDE GYPSUM BOARD CONTROL JOINTS PER MANUFACTURE SPECIFICATIONS. CONTROL JOINT TO BE LOCATED AT EACH DOOR, HINGE SIDE (TYPICAL) AND ALL PLAN NOTED LOCATIONS.
14. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION, COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED.

NEW WORK KEYNOTES

A3	DOWNSPOUTS TO DISCHARGE AT GRADE ON CONCRETE SPLASH BLOCKS (TYP)
A26	2 TIER DAY LOCKERS
A29	CELL PHONE LOCKERS, REFER TO A1/A-502
A52	RECESSED WALK OFF MAT (RM1) SEE D4/A-510
A55	ACCESS PANEL FOR MECHANICAL UNIT, COORDINATE WITH MECHANICAL
A56	PROVIDE BULLETPROOF/SECURITY GLAZING, FIRE RATED 30 MIN
A57	WALL TO HAVE BULLET RESISTANT FIBERGLASS PANELS RATED TO A LEVEL III
A58	TRASH HOLE IN COUNTER. SEE DETAIL D5/A-530
A68	SEE D1/A-405 FOR TYPICAL TOILET ACCESSORY LAYOUT FOR HANDICAP STALL. OTHER STALLS SIMILAR
A69	SEE C1/A-405 FOR TYPICAL TOILET ACCESSORY LAYOUT FOR TRANSFER SHOWER
A70	CORNER SHELF, 6" x 6" TRIANGLE. SEE B3/A-511
A72	DRINKING FOUNTAIN - REFER TO PLUMBING DRAWINGS
C1	CENTER LIGHT OVER SHOWER PAN
C6	MOISTURE RESISTANT GYPSUM CEILING
C10	CENTER LIGHT ON GYPSUM CEILING
C11	CENTER LIGHTS WITH SHOWER LIGHTS
GB30	GRAB BAR, 30" HORIZONTAL
MG(F)	MIRROR, GLASS -FULL LENGTH
PTD	PAPER TOWEL DISPENSER
SNTD	SANITARY NAPKIN TAMPON DISPENSER
TP	TOWEL PIN
TP(A)	TOWEL PIN, ACCESSIBLE

KEY PLAN



1/4" = 1'-0" 0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUPNO — REGISTERED ARCHITECT — 12960 — NORTH CAROLINA — CHARLOTTE, NORTH CAROLINA — 6/22/2020 — SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

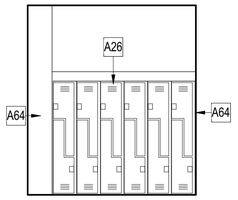
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT_CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794314
SHEET 95 OF 228

A-401

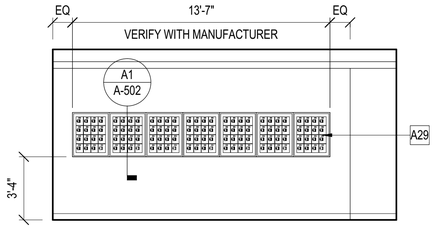
DRAWFORM REVISION: 17 APRIL 2018

C:\nx\d20\61\01\36\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:35 PM



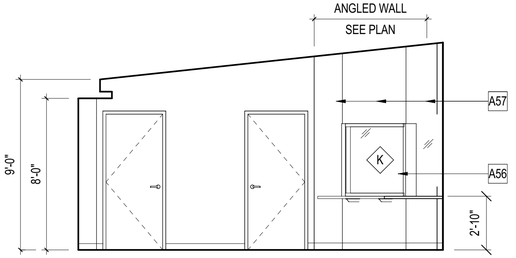
C1 MENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



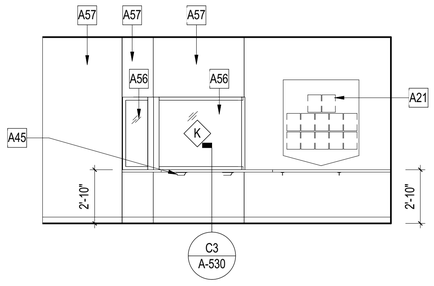
C2 ENTRY VESTIBULE - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



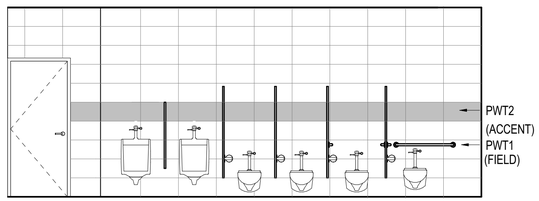
C3 ENTRY VESTIBULE - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



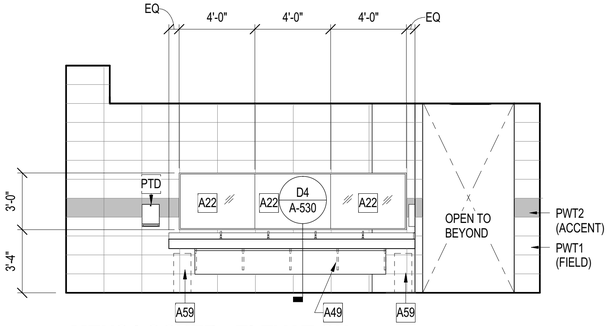
D3 ENTRY VESTIBULE -ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



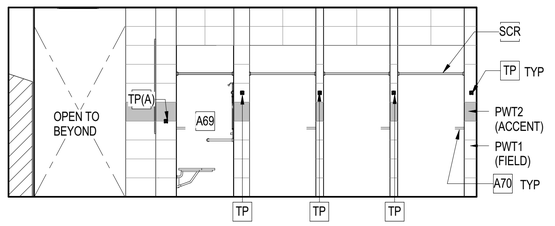
B1 MENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



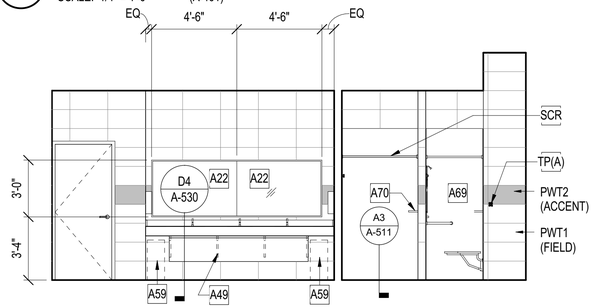
B2 MENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



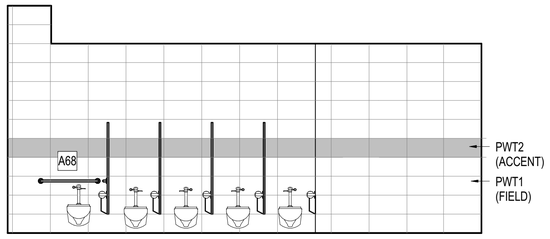
B3 MENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



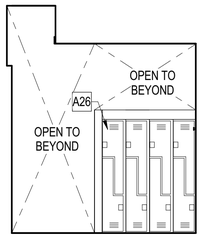
A1 WOMENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



A2 WOMENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)



A3 WOMENS LOCKER - ELEVATION

SCALE: 1/4" = 1'-0" (A-401)

GENERAL SHEET NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO INTERIOR FINISH DRAWINGS FOR ADDITIONAL INTERIOR FINISH SPECIFIC INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
8. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
9. ALL INTERIOR PARTITIONS ARE TYPE "G" UNLESS NOTED OTHERWISE.
10. HIGHER FIRE RATED PARTITIONS TAKE PRECEDENCE OVER LOWER FIRE RATED PARTITIONS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
11. OVERALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE FACE OF BRICK VENEER AT WALL ABOVE WATER TABLE.
12. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
13. PROVIDE GYPSUM BOARD CONTROL JOINTS PER MANUFACTURE SPECIFICATIONS. CONTROL JOINT TO BE LOCATED AT EACH DOOR, HINGE SIDE (TYPICAL) AND ALL PLAN NOTED LOCATIONS.
14. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION, COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED.

NEW WORK KEYNOTES

A21	CHAIN OF COMMAND - 12 POCKET DISPLAY. ACRYLIC 12 POCKET DISPLAY FOR CHAIN OF COMMAND PHOTOS. POCKETS TO ACCOMMODATE 8 1/2" W X 11" H PHOTO. MOUNTING SYSTEM: 3/8" STEEL RODS WITH 3/64" STAINLESS STEEL SUSPENSION WIRE.
A22	MIRROR (MG)
A26	2 TIER DAY LOCKERS
A29	CELL PHONE LOCKERS, REFER TO A1/A-502
A45	COUNTER SUPPORT WITH HIDDEN VERTICAL LEG
A49	SINK SUPPORT
A56	PROVIDE BULLETPROOF/SECURITY GLAZING, FIRE RATED 30 MIN
A57	WALL TO HAVE BULLET RESISTANT FIBERGLASS PANELS RATED TO A LEVEL III
A59	TRASH CAN (FF&E, SEE I-606 AND I-607) UNDER TRASH HOLE
A64	LOCKER TRIM AT WALL
A68	SEE D1/A-405 FOR TYPICAL TOILET ACCESSORY LAYOUT FOR HANDICAP STALL. OTHER STALLS SIMILAR
A69	SEE C1/A-405 FOR TYPICAL TOILET ACCESSORY LAYOUT FOR TRANSFER SHOWER
A70	CORNER SHELF, 6" x 6" TRIANGLE. SEE B3/A-511
PTD	PAPER TOWEL DISPENSER
SCR	SHOWER CURTAIN ROD
TP	TOWEL PIN
TP(A)	TOWEL PIN, ACCESSIBLE

1/4" = 1'-0" 0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO.

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS DRW KLC CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE, JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

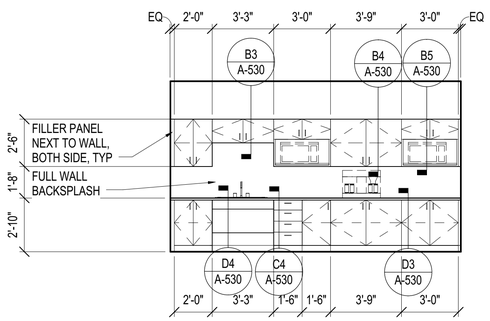
ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794315
SHEET 96 OF 228

A-402

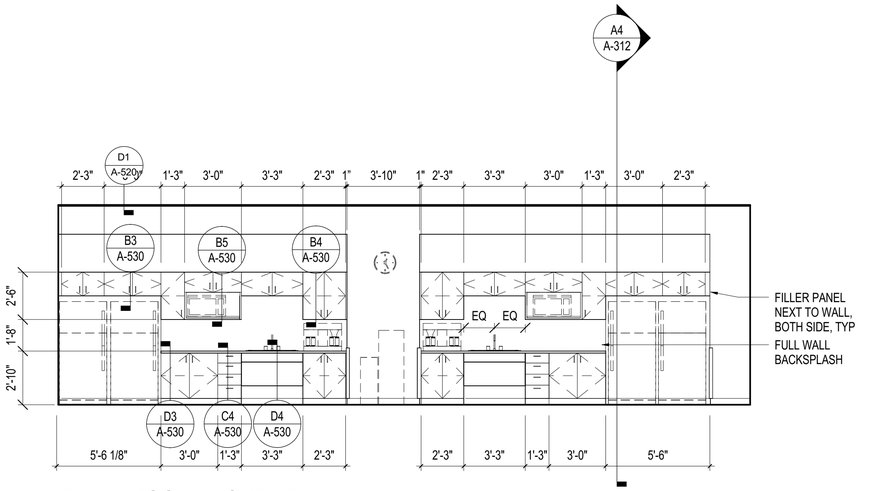
DRAWFORM REVISION: 17 APRIL 2018

C:\n420161603613-A-CENTRAL_P-1395 MARINE HQ_SNJ\TTALL.rvt
6/25/2020 12:12:37 PM



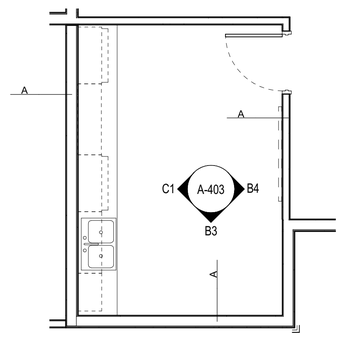
C1 PURPLE BREAKROOM - WEST ELEV

SCALE: 1/4" = 1'-0" (A-403)



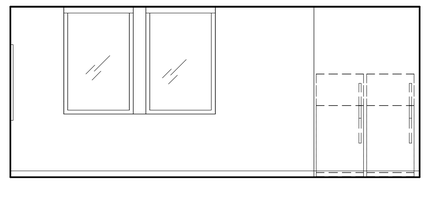
C2 BLUE BREAKROOM - NORTH ELEV

SCALE: 1/4" = 1'-0" (A-102)



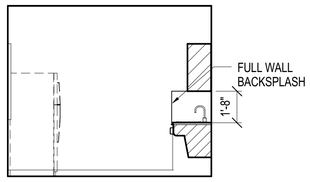
B1 ENLARGED PLAN - PURPLE BREAKROOM

SCALE: 1/4" = 1'-0" (A-103)



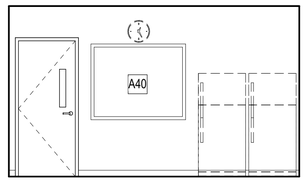
B2 GREEN BREAKROOM - EAST ELEV

SCALE: 1/4" = 1'-0" (A-403)



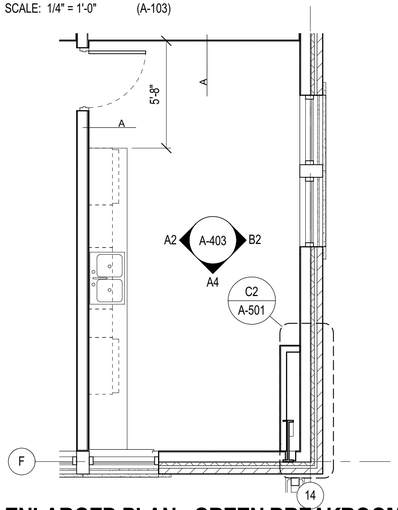
B3 PURPLE BREAKROOM - SOUTH ELEV

SCALE: 1/4" = 1'-0" (A-403)



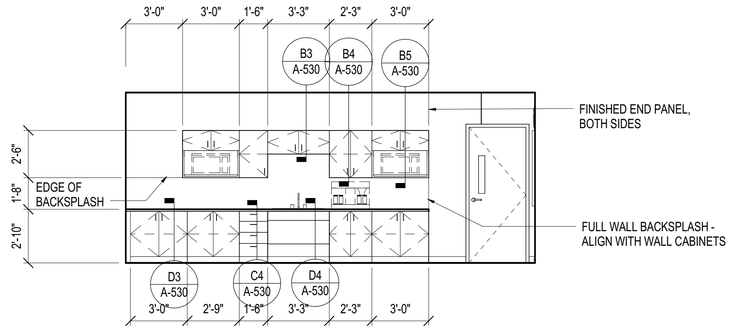
B4 PURPLE BREAKROOM - EAST ELEV

SCALE: 1/4" = 1'-0" (A-403)



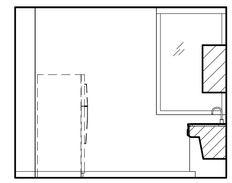
A1 ENLARGED PLAN - GREEN BREAKROOM

SCALE: 1/4" = 1'-0" (A-103)



A2 GREEN BREAKROOM - WEST ELEV

SCALE: 1/4" = 1'-0" (A-403)



A4 GREEN BREAKROOM -SOUTH ELEV

SCALE: 1/4" = 1'-0" (A-403)

GENERAL SHEET NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. REFER TO LIFE SAFETY DRAWINGS FOR ADDITIONAL FIRE / SMOKE RATING REQUIREMENTS.
6. REFER TO INTERIOR FINISH DRAWINGS FOR ADDITIONAL INTERIOR FINISH SPECIFIC INFORMATION.
7. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL SPECIFIC INFORMATION.
8. REFER TO MEP DRAWINGS FOR ADDITIONAL MEP SPECIFIC INFORMATION.
9. ALL INTERIOR PARTITIONS ARE TYPE "G" UNLESS NOTED OTHERWISE.
10. HIGHER FIRE RATED PARTITIONS TAKE PRECEDENCE OVER LOWER FIRE RATED PARTITIONS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
11. OVERALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE FACE OF BRICK VENEER AT WALL ABOVE WATER TABLE.
12. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
13. PROVIDE GYPSUM BOARD CONTROL JOINTS PER MANUFACTURE SPECIFICATIONS. CONTROL JOINT TO BE LOCATED AT EACH DOOR, HINGE SIDE (TYPICAL) AND ALL PLAN NOTED LOCATIONS.
14. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION, COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED.

NEW WORK KEYNOTES

A40	TACK BOARD

PLAN NORTH

1/4' = 1'-0" 0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL: ALEXANDRIA VAAN SUTTALL, REGISTERED ARCHITECT, 12960, NORTH CAROLINA, CHARLOTTE, NORTH CAROLINA, 6/22/2020

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
Jason E. Hawkins, R.A.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE	06/19/2020				
DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE Cr.
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA
MARSOC

P1395 MARINE RAIDER HEADQUARTERS

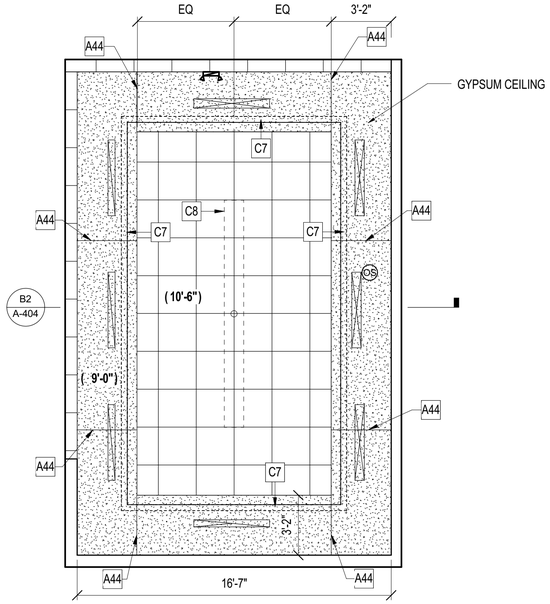
ENLARGED PLANS AND INTERIOR ELEVATIONS

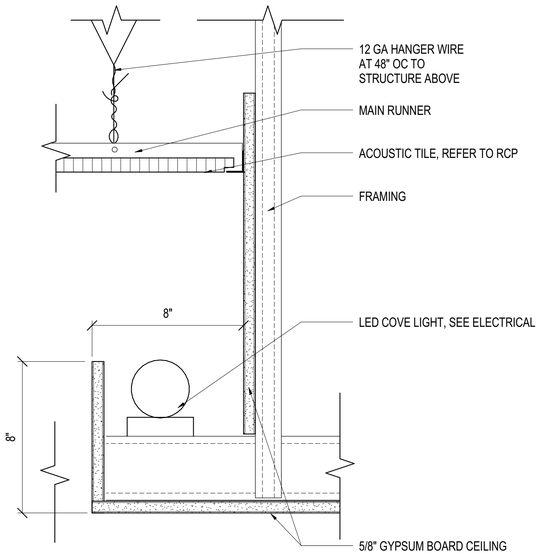
SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794316
SHEET	97 OF 228

A-403

DRAWFORM REVISION: 17 APRIL 2018

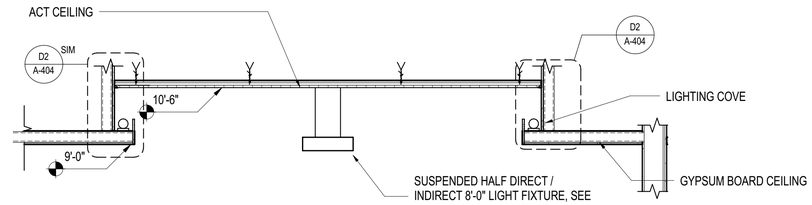
C:\n\420181\01\3813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:38 PM





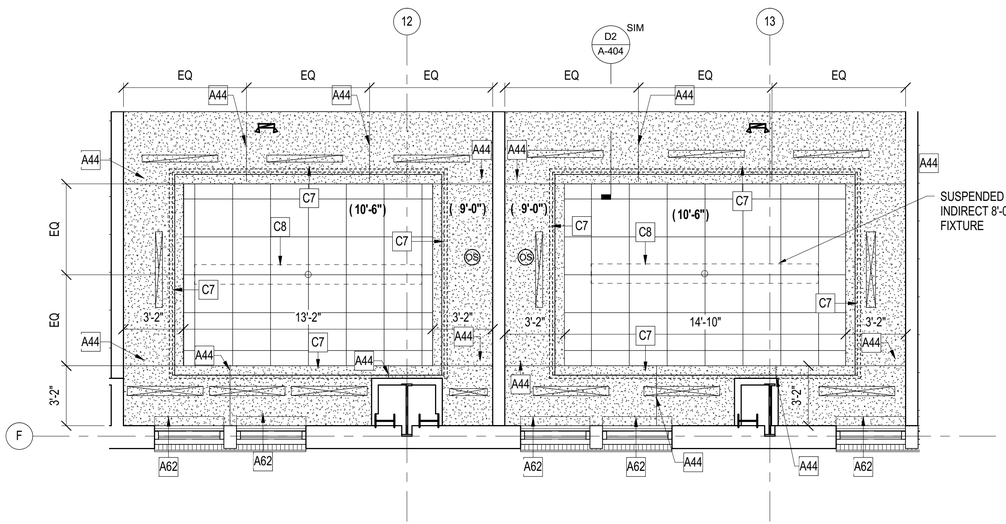
D2 CONFERENCE ROOM DETAIL -TYPICAL

SCALE: 3" = 1'-0" (A-404)



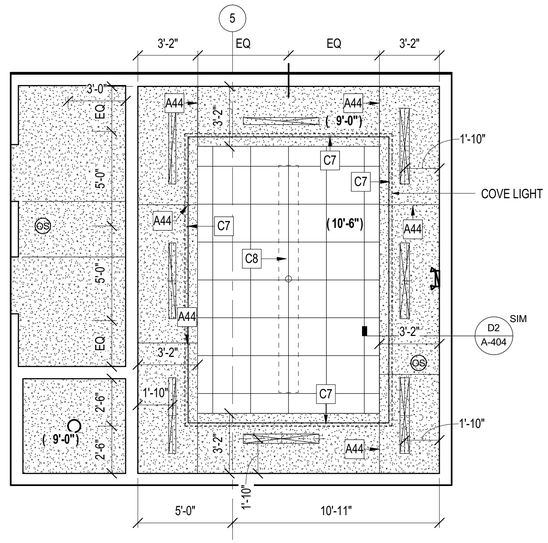
B1 CEILING PLAN - CONFERENCE ROOM 301

SCALE: 1/4" = 1'-0" (A-106)



B2 CONFERENCE ROOM CEILING

SCALE: 1/2" = 1'-0" (A-404)



SUSPENDED HALF DIRECT / INDIRECT 8'-0" LIGHT FIXTURE

A1 CEILING PLAN - CONFERENCE ROOMS 201/202

SCALE: 1/4" = 1'-0" (A-106)

A3 CEILING PLAN - CONFERENCE ROOM 503

SCALE: 1/4" = 1'-0" (A-105)

GENERAL SHEET NOTES

1. DO NOT SCALE DRAWINGS. IF ADDITIONAL DIMENSIONAL INFORMATION IS REQUIRED, OR CONFLICTS ARISE CONCERNING SCHEDULED CEILING HEIGHT VERSUS ACTUAL CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY IN WRITING FOR CLARIFICATION/ RESOLUTION BEFORE CEILING INSTALLATION.
2. ALL DIMENSIONS ARE TO FACE OF FINISHED WALLS/SOFFITS UNLESS NOTED OTHERWISE.
3. SUSPENDED CEILING TILES IN EACH ROOM ARE TO BE CONFIGURED SUCH THAT NO LESS THAN A 6 INCH TILE EXISTS ADJACENT TO ANY ROOM WALL.
4. REFER TO ROOM FINISH SCHEDULE AND SPECIFICATIONS FOR TYPE OF ACOUSTICAL MATERIAL FOR EACH ROOM STATED TO HAVE SUCH.
5. FOR PAINT COLOR OF GYPSUM BOARD CEILINGS, FURR DOWNS AND SOFFITS, REFER TO ROOM FINISH SCHEDULE (I-610).
6. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULKHEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OUT OF ACOUSTICAL CEILING MATERIALS.
7. ALTHOUGH SHOWN ON THESE PLANS FOR LOCATIONAL REFERENCE, REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
8. ARCHITECTURAL CEILING PLANS ARE FOR LOCATIONAL REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, DETECTORS, POWER OUTLETS, ETC.
9. TYPICAL CEILING HEIGHT IS 9'-0" AFF UNLESS NOTED OTHERWISE.
10. SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS AND QUANTITY. NOTIFY ARCHITECT FOR RESOLUTION IF ANY EXIT LIGHT FIXTURE CAN NOT BE INSTALLED AS PROPOSED DUE TO LOW CEILING HEIGHT(S) OR ABOVE CEILING CONFLICT.
11. ALL OFFICE DEMISING WALLS TO RECEIVE SOUND BATT INSULATION SPANNING 4' WIDE, EXTENDING 2' OVER EACH OFFICE CEILING.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NO CEILING - EXPOSED TO ROOF DECK ABOVE
	LINEAR DIFFUSER - SEE MECHANICAL DRAWINGS
	2' - 0" x 2' - 0" ACOUSTICAL CEILING TILE
	GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	MOISTURE RESISTANT GYPSUM BOARD CEILING NOTE: AT LOCATIONS SHOWN ON A-104 AND A-108 WITH GYPSUM BOARD CEILING, PEMB DESIGNER TO DESIGN FOR ROOF COLLATERAL OF 25 PSF. REFERENCE SHEET S-001 FOR ADDITIONAL INFORMATION.
	COVE LIGHTING
(X'-X")	FINISHED CEILING HEIGHT ABOVE FINISHED FLOOR
	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	EXIT SIGN. REFER TO ELECTRICAL DRAWINGS
OS	OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWINGS
	HORN/STROBE. REFER TO FIRE PROTECTION DRAWINGS
	CEILING SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS
	CEILING RETURN OR EXHAUST. REFER TO MECHANICAL DRAWINGS
	CEILING ACCESS PANEL 24" x 24"
A	LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
	WINDOW. SEE SHEETS A-104, A108. WALL HEIGHT 9'-0" UNO.

NEW WORK KEYNOTES

A44	GYP BOARD CONTROL JOINT, PER MANUFACTURER SPECIFICATION (TYPICAL)
A62	WINDOW SHADE, SEE D1/A-510
C7	LED COVE LIGHTING
C8	PENDANT LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS

1/4" = 1'-0" 0' 2' 4' 8'
1/2" = 1'-0" 0' 1' 2' 4'
3" = 1'-0" 0' 3" 6" 9"
PLAN NORTH

APPR			
DATE			
DESCRIPTION			
SYM			

NAVFAC

ALEXANDRIA VANN SUTTALL REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

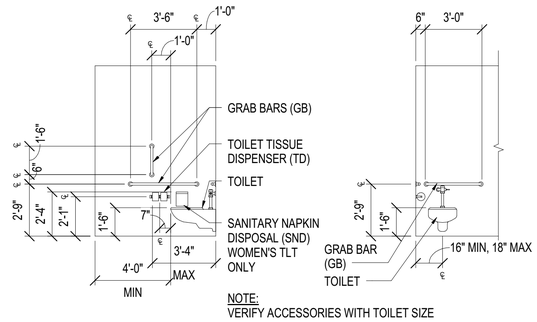
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS DRW KLC CHK ZNK
PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
ENLARGED REFLECTED CEILING PLANS AND DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794317
SHEET 98 OF 228
A-404
DRAWFORM REVISION: 17 APRIL 2018

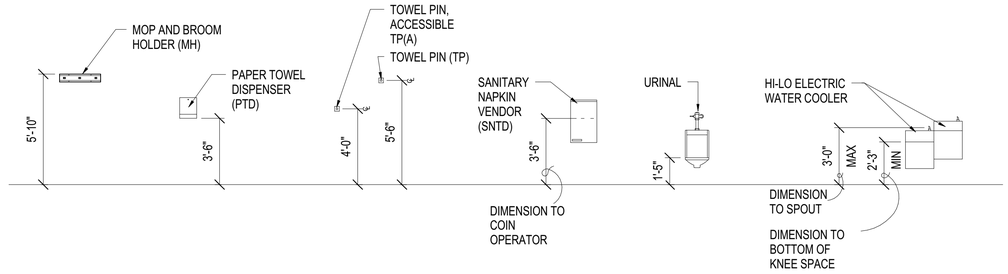
C:\n\20161\01\1603\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:39 PM



NOTE:
VERIFY ACCESSORIES WITH TOILET SIZE

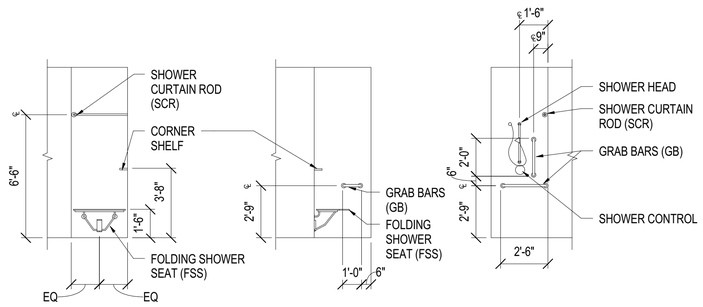
D1 TYP MOUNTING HEIGHTS - TOILET

SCALE: 1/4" = 1'-0" (A-401)



D2 TYP MOUNTING HEIGHTS - TOILET ROOM ACCESSORIES

SCALE: 1/4" = 1'-0"



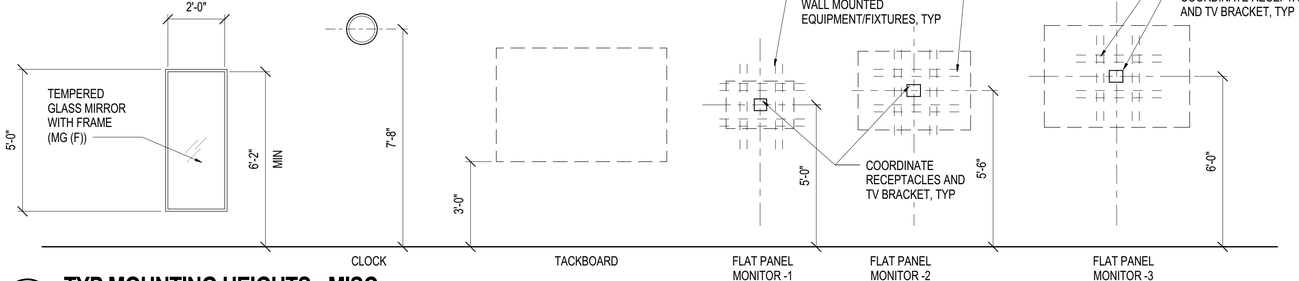
C1 TYP MOUNTING HEIGHTS - TRANSFER SHOWER

SCALE: 1/4" = 1'-0" (A-511)

TYPICAL MOUNTING DETAILS FOR ACCESSORIES AND EQUIPMENT

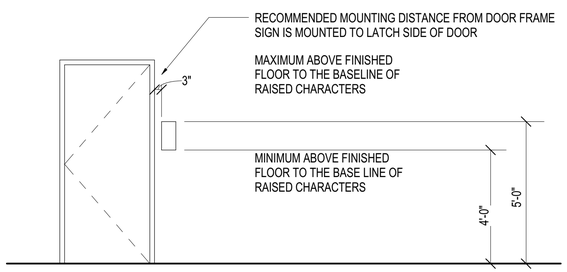
B5 SCALE: 3" = 1'-0"

SEE SHEETS TA-000 THRU TA-502 FOR ALL AV EQUIPMENT INFORMATION
COORDINATE WITH ELECTRICAL AND COMM DRAWINGS
PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED



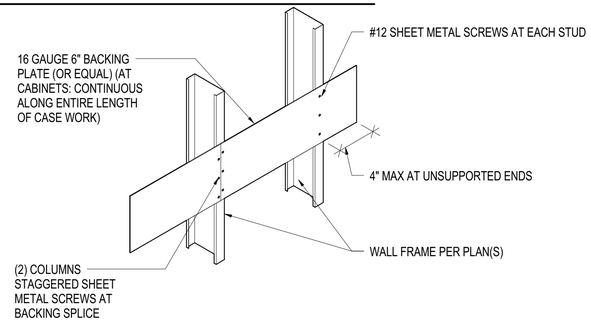
B1 TYP MOUNTING HEIGHTS - MISC

SCALE: 3/8" = 1'-0"



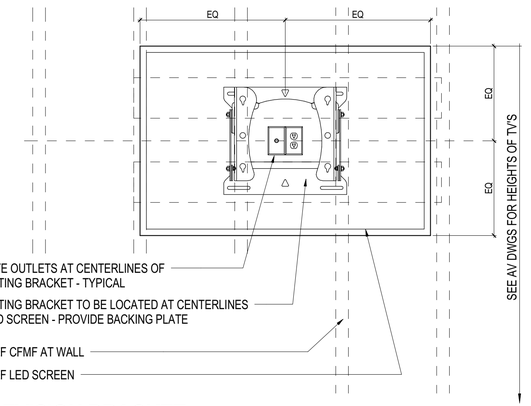
A1 TYP MOUNTING HEIGHTS - SIGNAGE

SCALE: 3/8" = 1'-0"



A2 BACKING PLATE

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



A4 TELEVISION BRACKET

SCALE: 1" = 1'-0"

1/4" = 1'-0" 0' 2' 4' 8'
3/8" = 1'-0" 0' 2' 4' 6'
1" = 1'-0" 0' 6" 1' 2'
1 1/2" = 1'-0" 0' 4" 8" 1'-4"
3" = 1'-0" 0' 3" 6" 9"

				APPR
				DATE
				DESCRIPTION
				SYM

NAVFAC

ALEXANDRIA VAM SUNNO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS DRW KLC CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

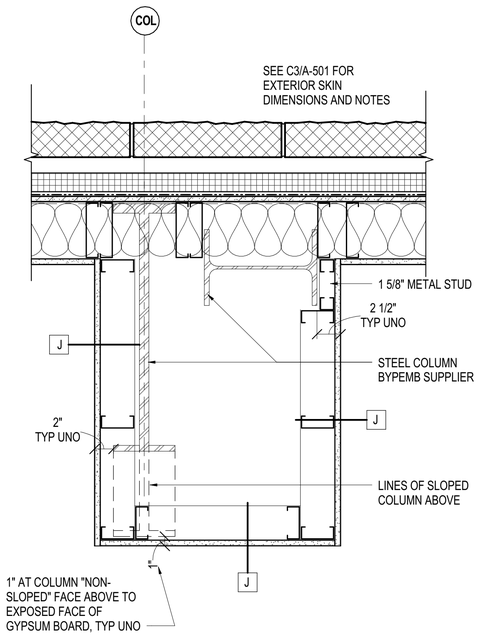
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
TYPICAL MOUNTING HEIGHTS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794318
SHEET 99 OF 228

A-405

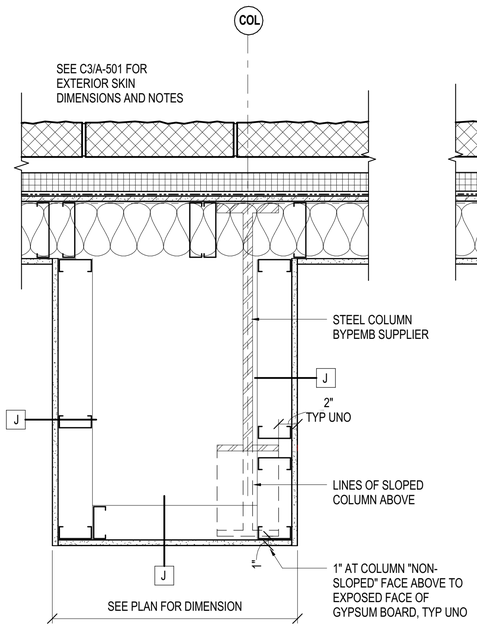
DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\20161013\B13-ACENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:39 PM



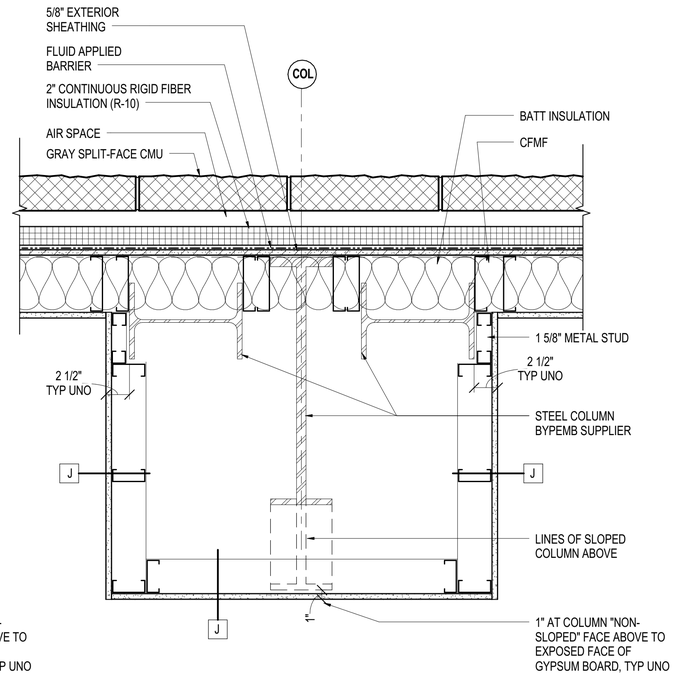
C1 COLUMN WRAP DETAIL

SCALE: 1 1/2" = 1'-0" (A-103)



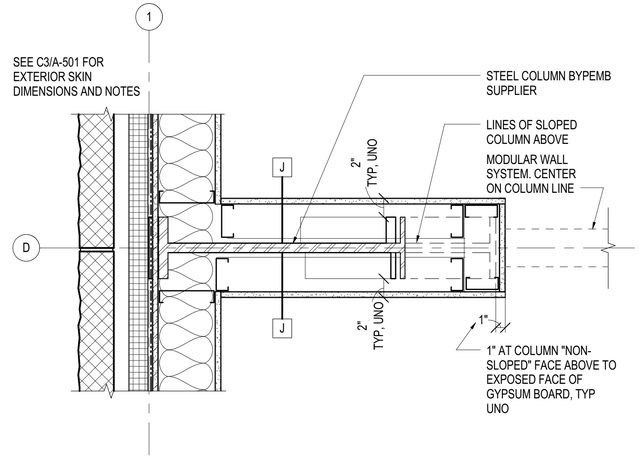
C2 COLUMN WRAP DETAIL

SCALE: 1 1/2" = 1'-0" (A-102)



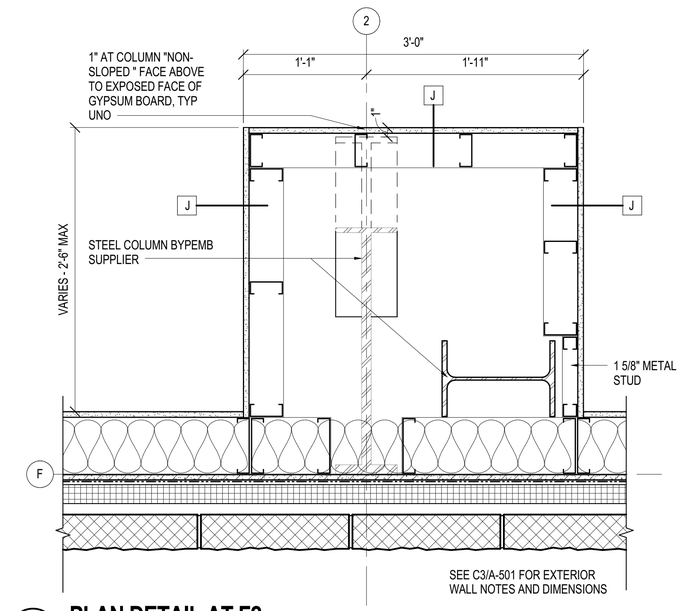
C3 PLAN DETAIL - TYPICAL

SCALE: 1 1/2" = 1'-0" (A-103)



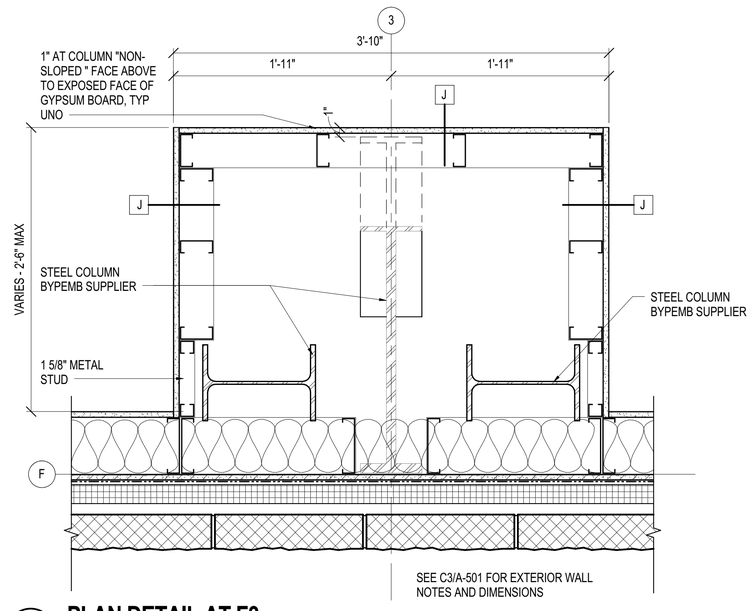
C4 TYPICAL OFFCE WALL AT COLUMN

SCALE: 1 1/2" = 1'-0" (A-102)



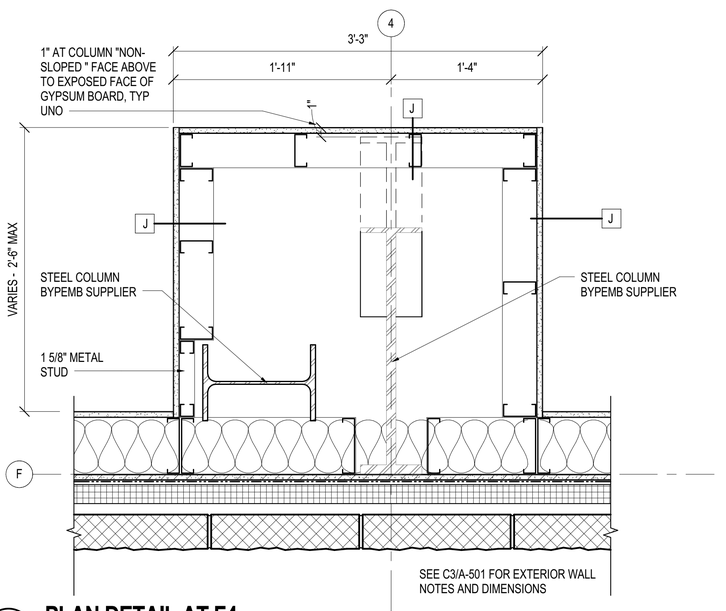
A1 PLAN DETAIL AT F2

SCALE: 1 1/2" = 1'-0" (A-102)



A2 PLAN DETAIL AT F3

SCALE: 1 1/2" = 1'-0" (A-102)



A4 PLAN DETAIL AT F4

SCALE: 1 1/2" = 1'-0" (A-102)

1 1/2" = 1'-0" 0' 4" 8" 1'-4"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAHN SUPNO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

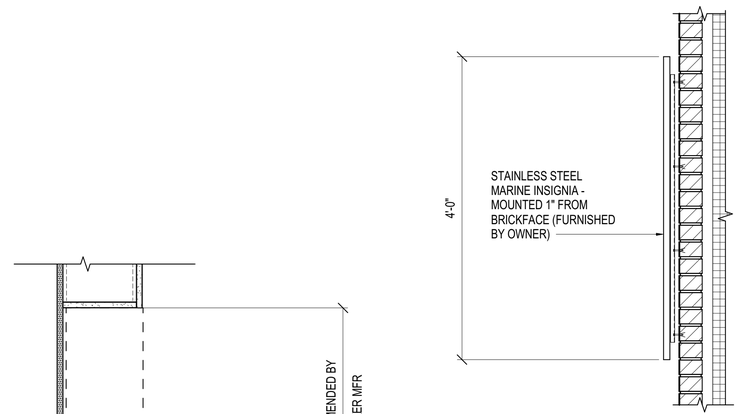
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
EXTERIOR DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794319
SHEET 100 OF 228

A-501

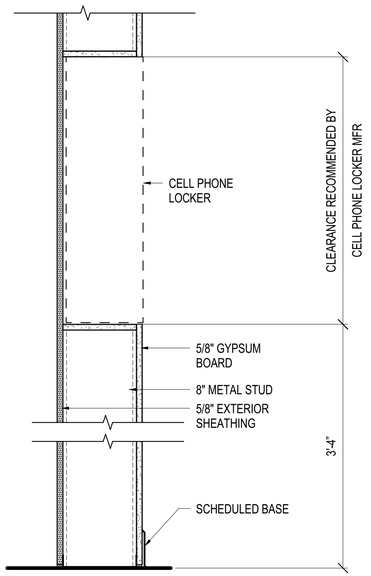
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161101360\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:40 PM



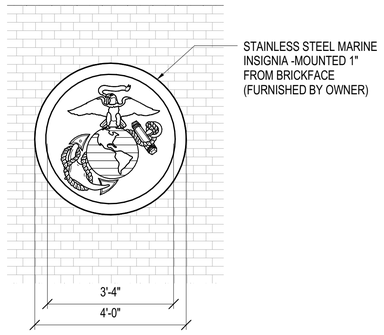
B2 DECORATIVE INSIGNIA ATTACHMENT DETAIL

SCALE: 1" = 1'-0"



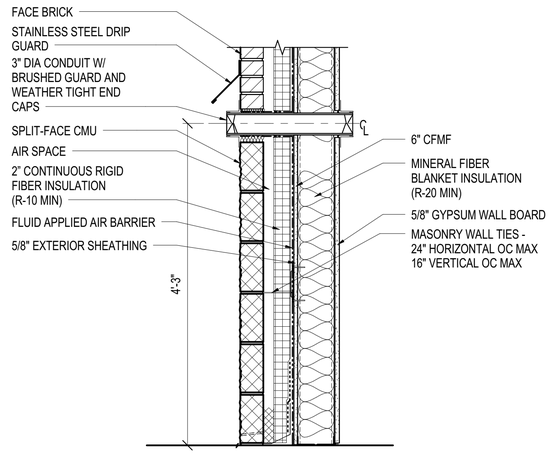
A1 SECTION THRU PHONE LOCKERS

SCALE: 1 1/2" = 1'-0" (A-402) (A-401, A-402)



A2 DECORATIVE INSIGNIA

SCALE: 1/2" = 1'-0" (A-201)



A3 EXTERIOR WALL SECTION AT CONDUIT

SCALE: 1" = 1'-0" (A-102, A-103, A-201)

1/2" = 1'-0" 0' 1' 2' 4'

1" = 1'-0" 0' 6" 1' 2'

1 1/2" = 1'-0" 0' 4" 8" 1'-4"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON
REGISTERED ARCHITECT
12960
NORTH CAROLINA
CHARLOTTE, NORTH CAROLINA
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

EXTERIOR DETAILS

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

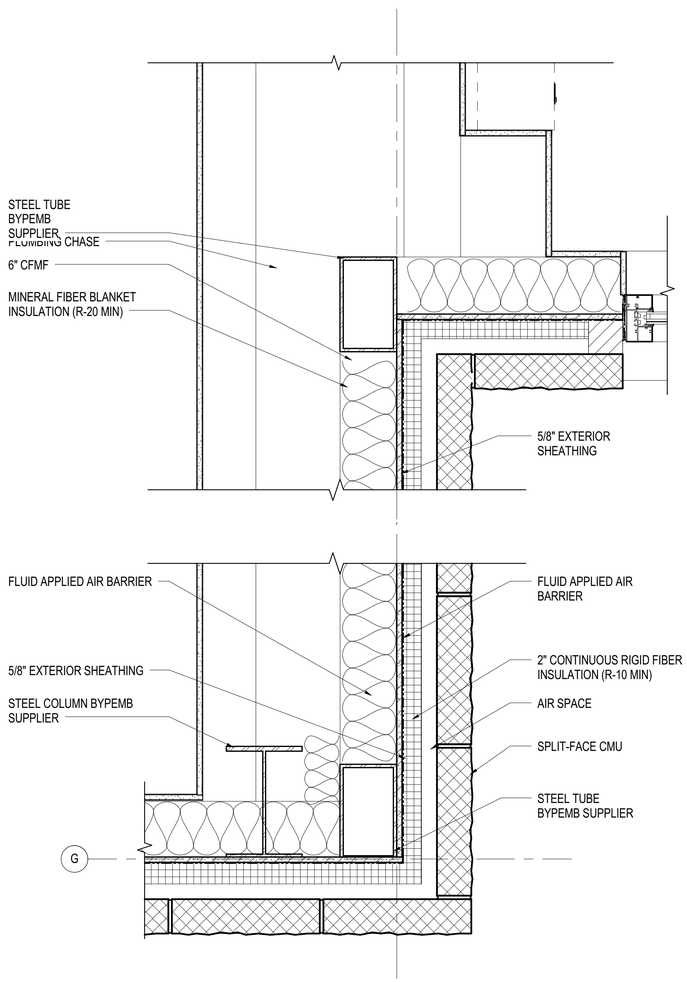
NAVFAC DRAWING NO. 12794320

SHEET 101 OF 228

A-502

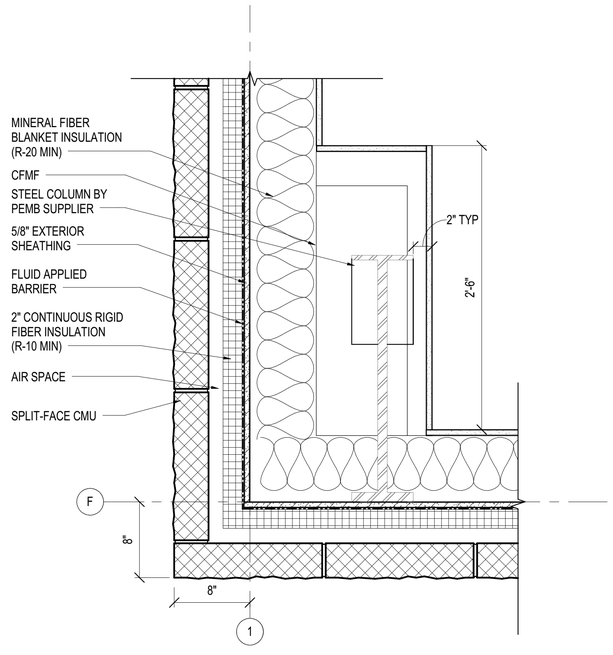
DRAWFORM REVISION: 17 APRIL 2018

C:\HDR\2016\101\36\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/22/2020 12:12:41 PM



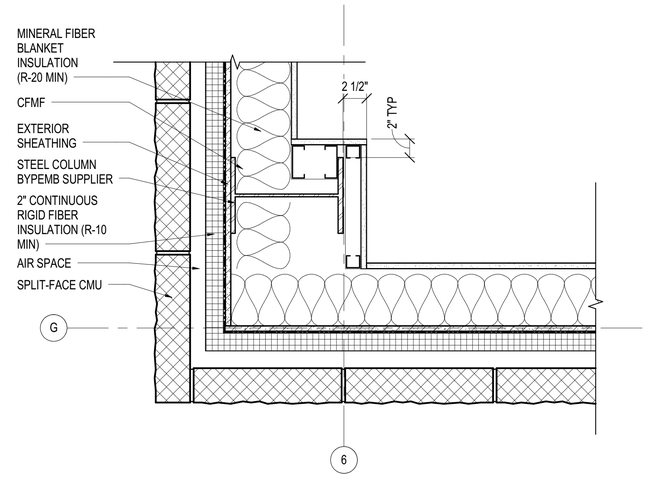
A1 EXTERIOR PLAN DETAIL - G7

SCALE: 1 1/2" = 1'-0" (A-401)



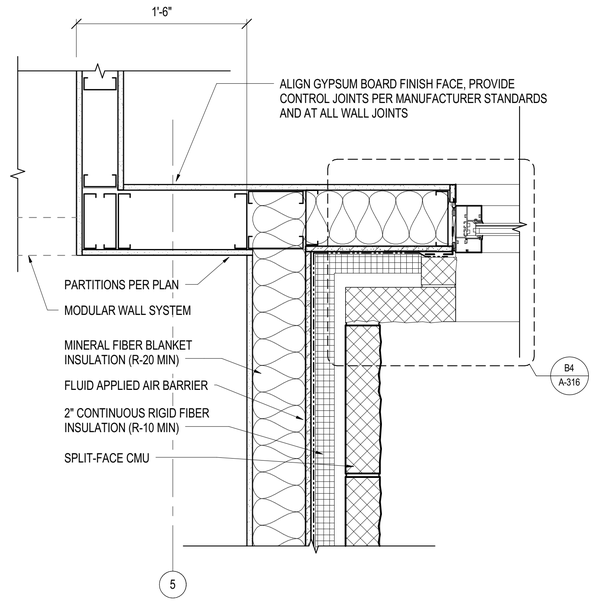
B2 EXTERIOR PLAN DETAIL - F1

SCALE: 1 1/2" = 1'-0" (A-102)



A2 EXTERIOR PLAN DETAIL - G6

SCALE: 1 1/2" = 1'-0" (A-102)



A3 EXTERIOR PLAN DETAIL

SCALE: 1 1/2" = 1'-0" (A-102)

1 1/2" = 1'-0" 0' 4" 8" 1'-4"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL: ALEXANDRIA VANN SUTTON, REGISTERED ARCHITECT, 12960, NORTH CAROLINA, CHARLOTTE, NORTH CAROLINA, 6/22/2020

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PMOM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

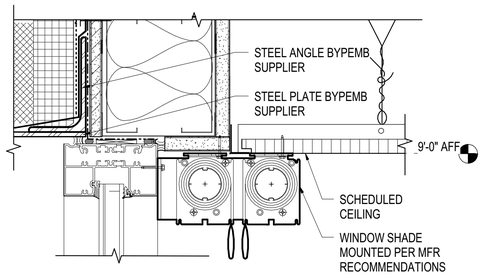
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
MARSOC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
EXTERIOR DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794321
SHEET 102 OF 228

A-503

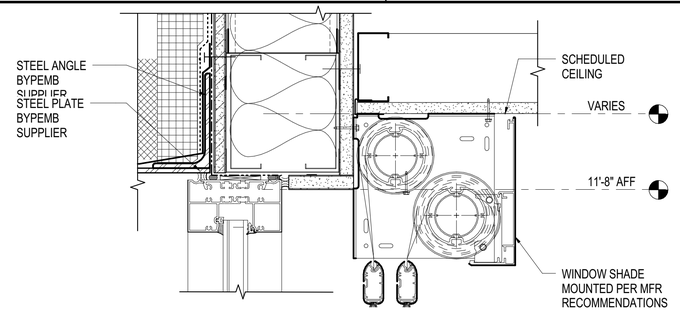
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161\161106013-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:42 PM



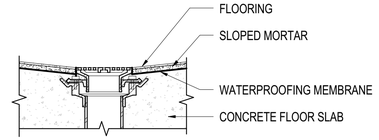
D1 WINDOW SHADE W/ 9FT CLG

SCALE: 3" = 1'-0" (A-105, A-106)



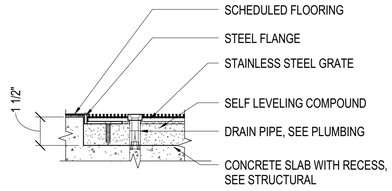
D2 WINDOW SHADE AT CLGS ABOVE 10'-0"

SCALE: 3" = 1'-0" (A-105, A-106)



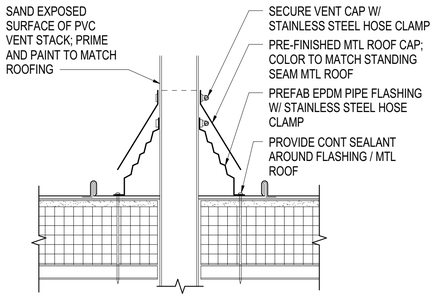
D3 FLOOR DRAIN DETAIL

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



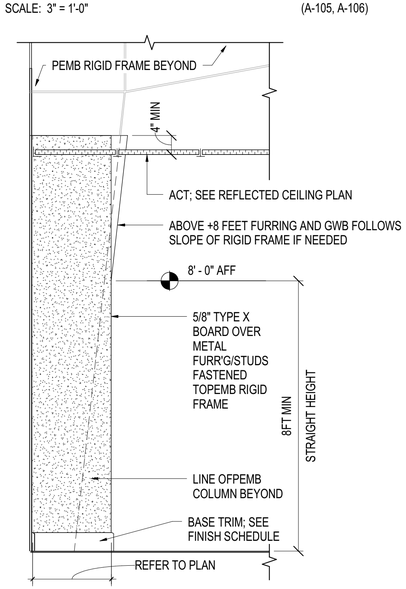
D4 RECESSED WALK OFF MAT - SECTION

SCALE: 3" = 1'-0" (A-401)



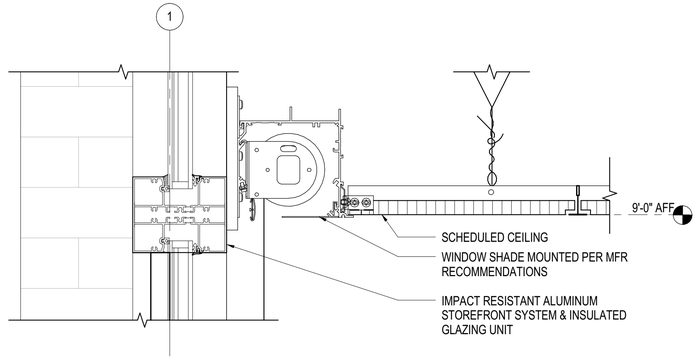
B1 PIPE FLASHING DETAIL

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



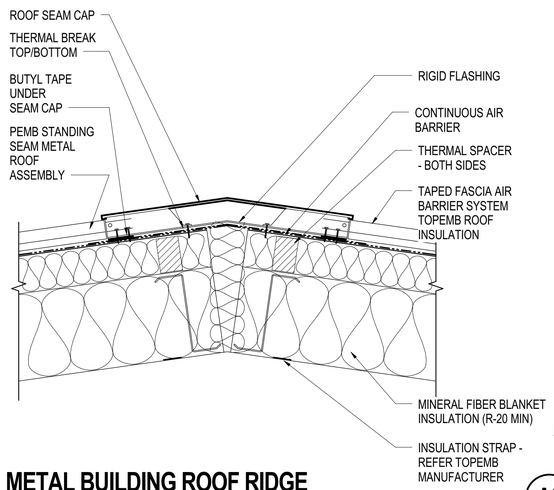
B2 PEMB COLUMN FURROUT - SIDE ELEVATION

SCALE: 3/4" = 1'-0"



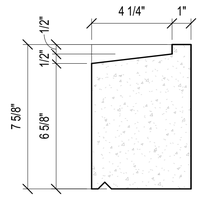
B3 WINDOW SHADE AT MULLION

SCALE: 3" = 1'-0" (A-312)



A1 METAL BUILDING ROOF RIDGE

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



NOTE: DIMENSIONS REFLECTED ON DETAIL ARE SHOWN AS A BASIS OF DESIGN

A2 LUGGED SILL

SCALE: 3" = 1'-0"

3/4" = 1'-0" 0' 1' 2' 3'

1 1/2" = 1'-0" 0' 4" 8" 1'-4"

3" = 1'-0" 0' 3" 6" 9"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUMNER REGISTERED LANDSCAPE ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PMOM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

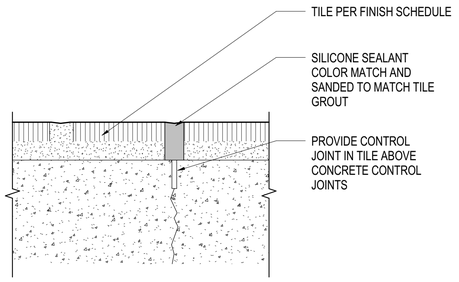
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
DETAILS

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794322
SHEET	103 OF 228

A-510

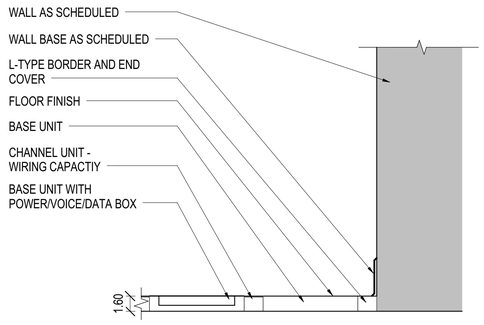
DRAWFORM REVISION: 17 APRIL 2018

C:\e62016\1013636\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:42 PM



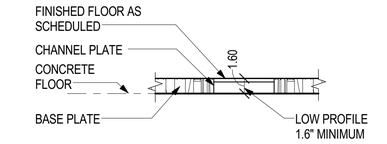
C1 PORCELAIN TILE CONTROL JOINT

SCALE: 6" = 1'-0"



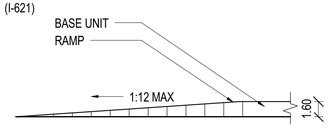
C3 LOW-RISE RAISED ACCESS FLOORING SYSTEM DETAIL

SCALE: 1 1/2" = 1'-0" (I-621)



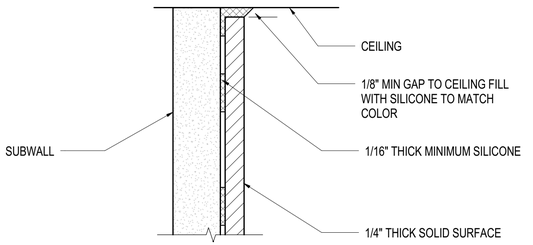
D4 LOW-PROFILE RAISED ACCESS FLOOR - SECTION

SCALE: 1 1/2" = 1'-0" (I-621)



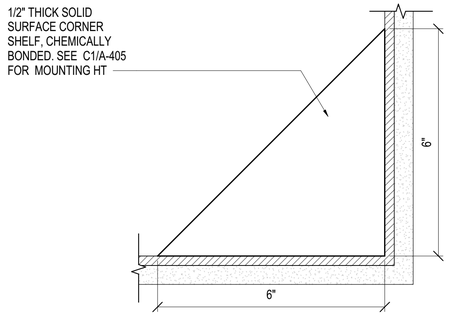
C4 LOW-RISE RAISED ACCESS FLOORING SYSTEM RAMP DETAIL

SCALE: 1 1/2" = 1'-0" (I-621)



B1 SHOWER CEILING DETAIL

SCALE: 12" = 1'-0"

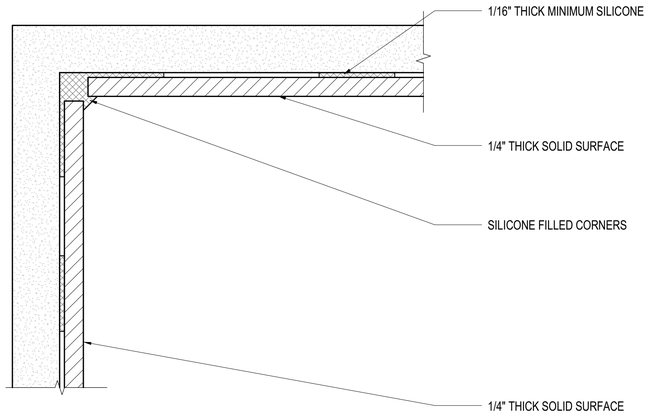


B3 CORNER SHELF DETAIL

SCALE: 6" = 1'-0" (A-401)

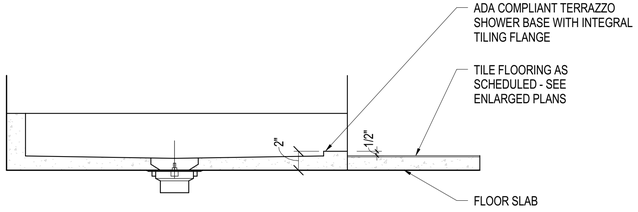
A4 COLUMN WRAP AT SECURITY DETAIL

SCALE: 1 1/2" = 1'-0" (A-401)



A1 SHOWER CORNER PLAN DETAIL

SCALE: 12" = 1'-0"



A3 SHOWER DETAIL

SCALE: 1 1/2" = 1'-0" (A-401)

1 1/2" = 1'-0" 0' 4" 8" 1'-4"

6" = 1'-0" 0" 1 1/2" 3" 6"

12" = 1'-0" 0" 1/2" 1" 3"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

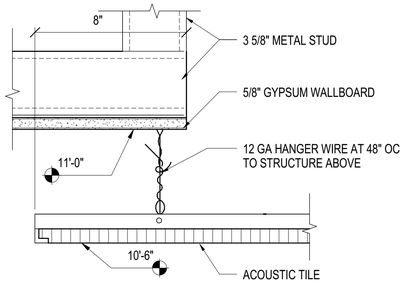
DES	AVS	DRW	KLC	CHK	ZNK

PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
DETAILS

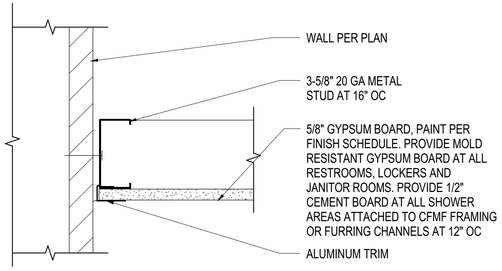
SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794323
SHEET 104 OF 228
A-511
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161101380913-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:43 PM



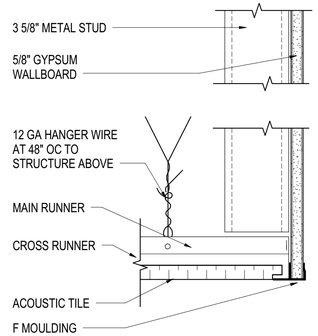
D1 SUSPENDED ACT CEILING

SCALE: 3" = 1'-0" (A-105)



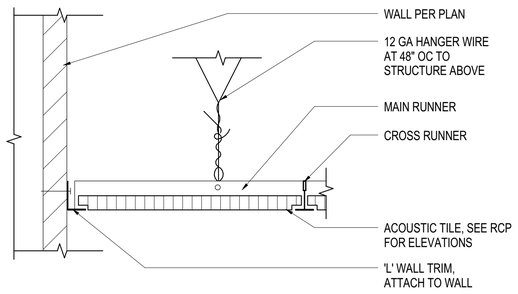
C1 GYPSUM BOARD CEILING - TYPICAL

SCALE: 3" = 1'-0"



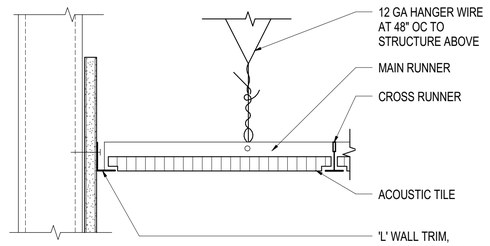
B1 FLUSH TRANSITION DETAIL GREATER THAN 10"

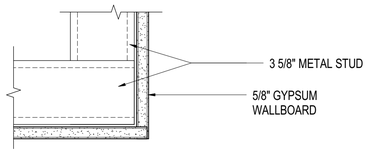
SCALE: 3" = 1'-0" (A-105) UNLESS OTHERWISE NOTED



A1 SUSPENDED CEILING - TYPICAL

SCALE: 3" = 1'-0"

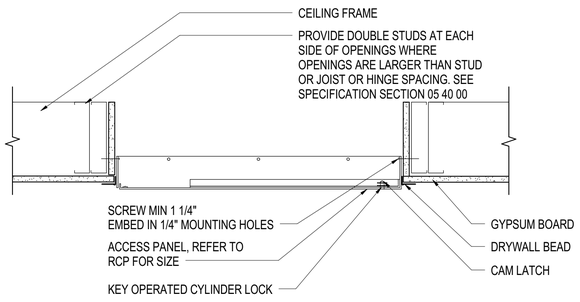




C2 TYPICAL TRANSITION DETAIL

SCALE: 3" = 1'-0" (A-105)

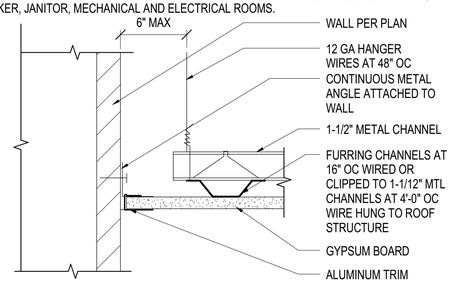
NOTES:
1. INSTALL ACCESS HATCH PER MANUFACTURE SPECS
2. PAINT TO MATCH ADJACENT FINISH



B2 CEILING ACCESS PANEL

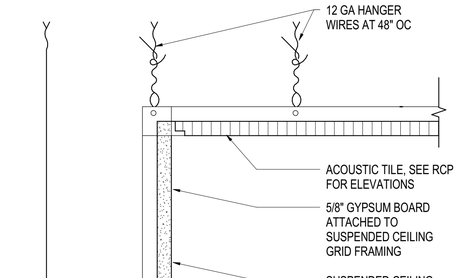
SCALE: 1 1/2" = 1'-0"

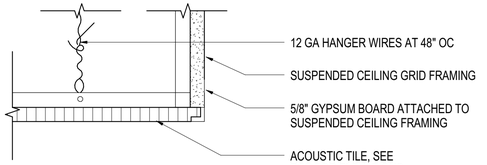
NOTES:
1. PROVIDE MOISTURE AND MOLD RESISTANT GYPSUM BOARD AT ALL RESTROOMS, SHOWER, LOCKER, JANITOR, MECHANICAL AND ELECTRICAL ROOMS.



A2 GYPSUM BOARD CEILING - TYPICAL

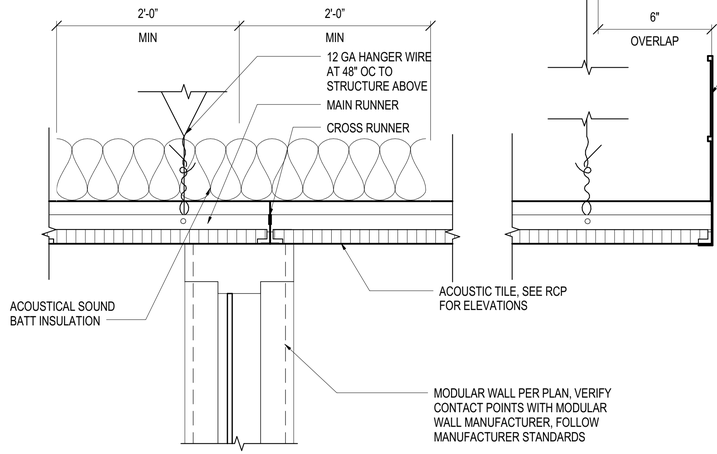
SCALE: 3" = 1'-0"

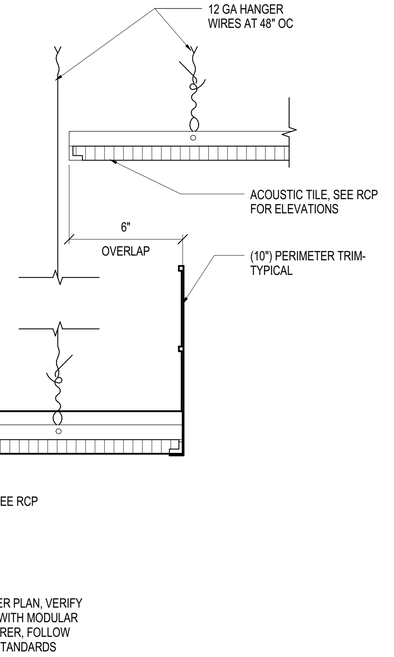




C3 OPS CEILING DETAIL

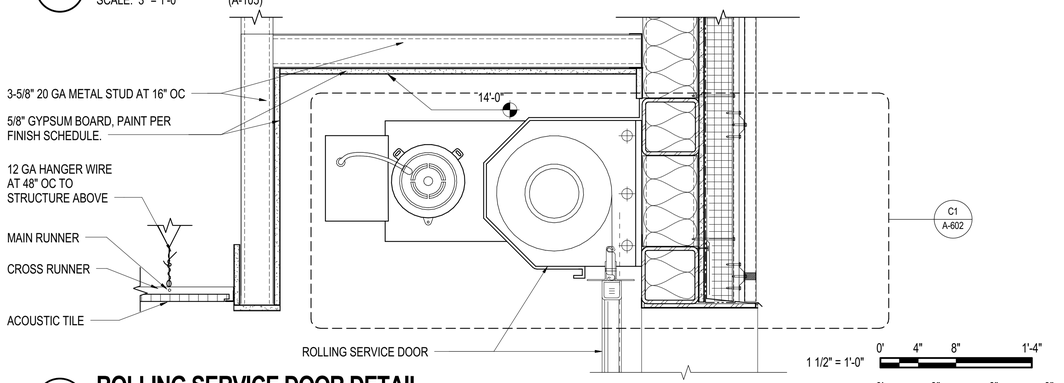
SCALE: 3" = 1'-0" (A-105)





B3 SUSPENDED CEILINGS TRANSITION

SCALE: 3" = 1'-0" (A-105)



A3 ROLLING SERVICE DOOR DETAIL

SCALE: 1 1/2" = 1'-0" (A-105)

NAVFAC

ALEXANDRIA VANN SUMO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
CEILING DETAILS

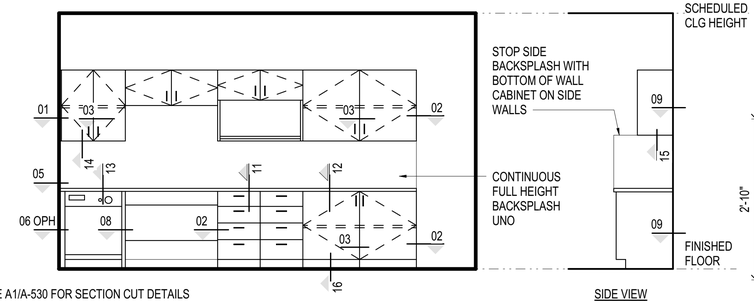
SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794324
SHEET	105 OF 228

A-520

DRAWFORM REVISION: 17 APRIL 2018

SYM	DESCRIPTION	DATE	APPR

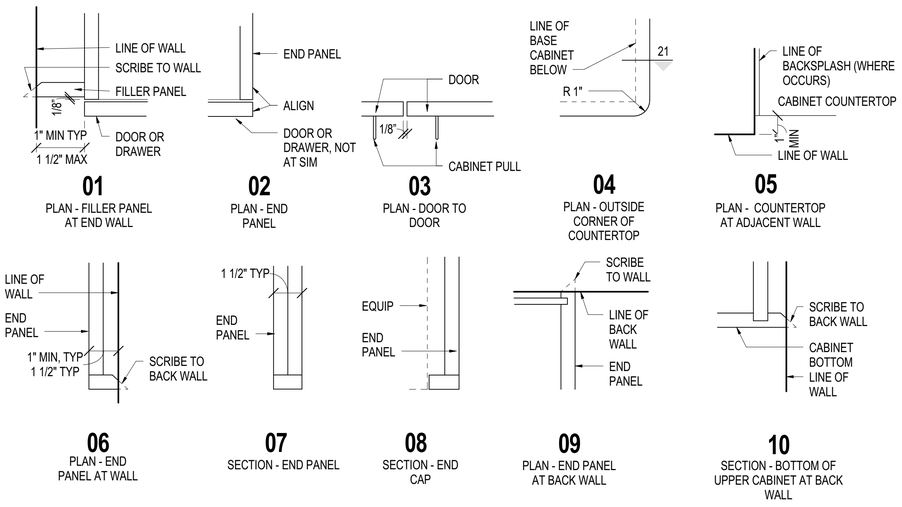
C:\nc402016\1036013-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:44 PM

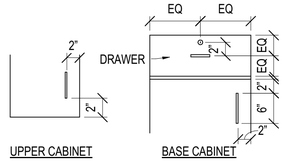


SEE A1/A-530 FOR SECTION CUT DETAILS

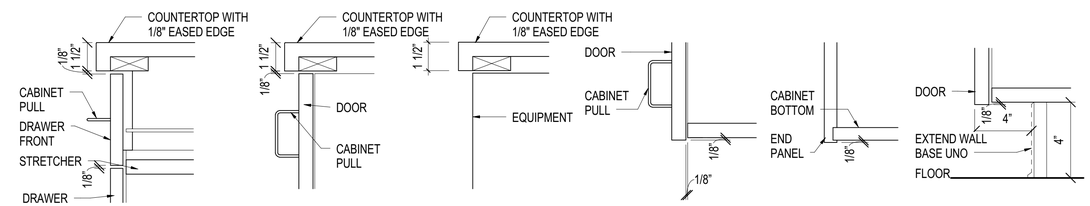
D1 CASEWORK LEGEND

SCALE: 3/8" = 1'-0"



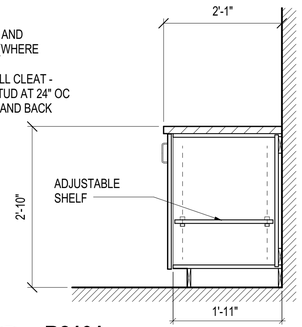


TYPICAL CABINET PULL LOCATIONS



A1 CASEWORK DETAILS

SCALE: 1/4" = 1'-0" (A-530)

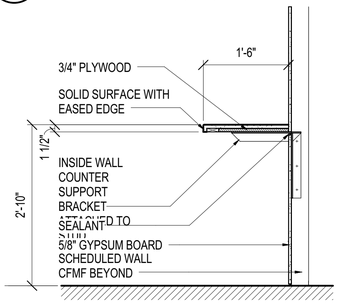


D2 TOILET ROOM SINK

SCALE: 3/4" = 1'-0"

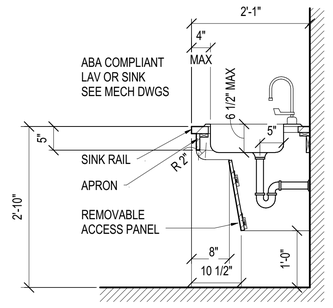
D3 B2101

SCALE: 3/4" = 1'-0" (A-403)



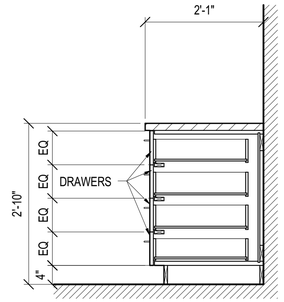
C3 ENTRY VESTIBULE COUNTER

SCALE: 3/4" = 1'-0" (A-402)



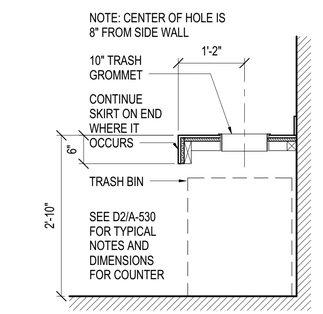
D4 BASE CAB SINK

SCALE: 3/4" = 1'-0" (A-402)



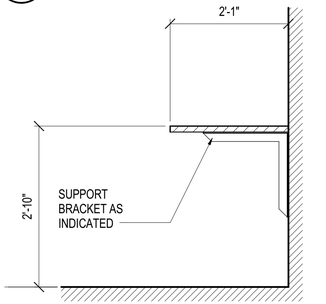
C4 BASE CAB W/DRAWERS

SCALE: 3/4" = 1'-0" (A-403)



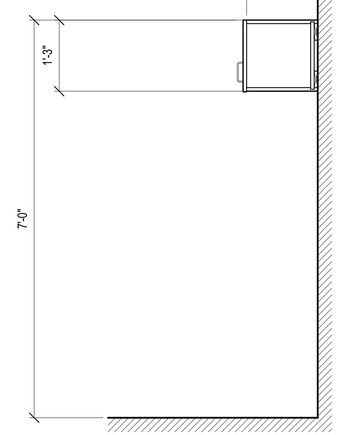
D5 TRASH HOLE IN COUNTER

SCALE: 3/4" = 1'-0" (A-401)



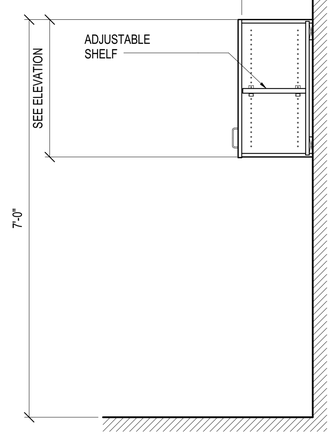
C5 WORK SURFACE

SCALE: 3/4" = 1'-0" (A-401)



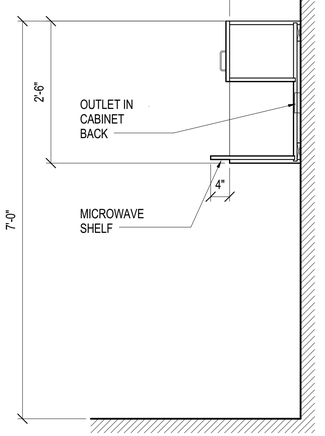
B3 WALL CABINET

SCALE: 3/4" = 1'-0" (A-403)



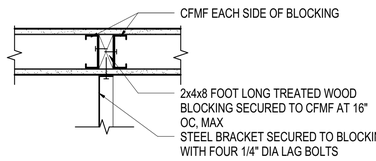
B4 WALL CABINET

SCALE: 3/4" = 1'-0" (A-403)



B5 WALL CAB W/MICROWAVE SHELF

SCALE: 3/4" = 1'-0" (A-403)



A3 SINK TO WALL CONNECTION DETAIL

SCALE: 1 1/2" = 1'-0" (A-530)

1/4" = 1'-0" 0' 2' 4' 8'

3/8" = 1'-0" 0' 2' 4' 6'

3/4" = 1'-0" 0' 1' 2' 3'

1 1/2" = 1'-0" 0' 4" 8" 1'-4"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020 SEAL

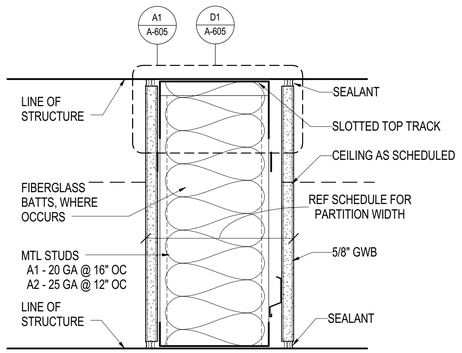
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS DRW KLC CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
CASEWORK DETAILS

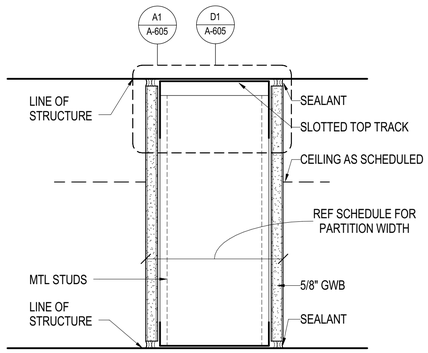
SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794325
SHEET 106 OF 228
A-530
DRAWFORM REVISION: 17 APRIL 2018

C:\e20161610136\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:44 PM



(TYPE A) TYPICAL PARTITION

MARK	STUD WIDTH	PRTN WIDTH	SOUND ATTENUATION (STC)			
			W/ SAB	TEST	TEST	NO SAB
A	6"	7 3/4"	50	TL16369	———	———

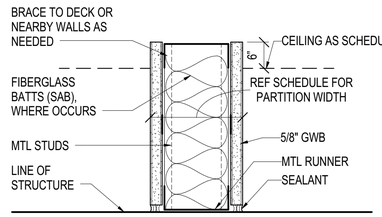


(TYPE B) TYPICAL PARTITION

*NOTE: FIRE RESISTANCE TEST FOR ONE HOUR RATED WALLS: U465

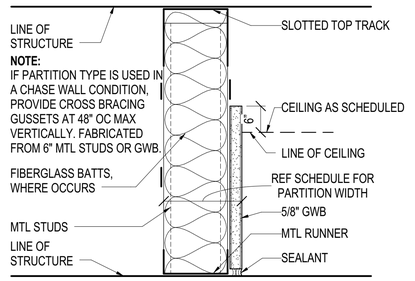
MARK	STUD WIDTH	PRTN WIDTH	SOUND ATTENUATION (STC)			
			W/ SAB	TEST	No SAB	TEST
B	6"	7 1/4"	——	——	——	——
B1	6"	7 1/4"	——	——	34	——
B2	6"	7 1/4"				

B - (1) HOUR
B1 - SMOKE TIGHT



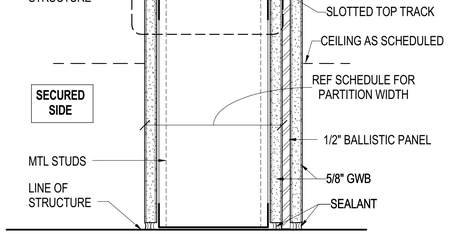
(TYPE G) NON-RATED PARTITION

MARK	STUD WIDTH	PRTN WIDTH	SOUND ATTENUATION (STC)			
			W/ SAB	TEST	NO SAB	TEST
G	3 5/8"	4 7/8"				



(TYPE J) NON-RATED PARTITION

MARK	STUD WIDTH	PRTN WIDTH	SOUND ATTENUATION (STC)			
			W/ SAB	TEST	NO SAB	TEST
J	3 5/8"	4 1/4"				
J1	1 5/8"	2 1/4"				
J6	6"	6 5/8"				

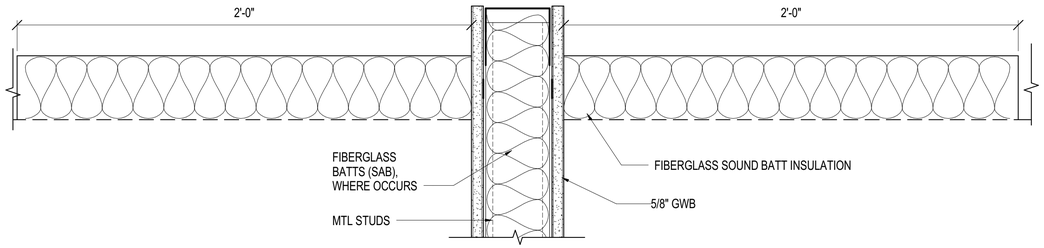


(TYPE BR) TYPICAL PARTITION...

*NOTE: FIRE RESISTANCE TEST FOR ONE HOUR RATED WALLS: U465

MARK	STUD WIDTH	PRTN WIDTH	SOUND ATTENUATION (STC)			
			W/ SAB	TEST	No SAB	TEST
BR	6"	7 1/4"				

*BR - BULLET RESISTANT/BALLISTIC PANEL



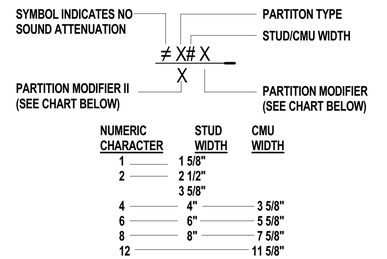
TYPICAL OFFICE DEMISING WALL SOUND PROTECTION

GENERAL PARTITION NOTES:

1. PARTITIONS ARE DISTINGUISHED ON FLOOR PLANS BY SYMBOL DESIGNATION, GRAPHIC DESIGNATION OR A COMBINATION OF BOTH DESIGNATIONS. SOME PARTITION TYPES SHOWN ON THIS SHEET MAY NOT BE USED ON THIS PROJECT.
2. ALL WALLS NOT DESIGNATED WITH A GRAPHIC OR TAG TO BE TYPE "G". IF UNCLEAR CONTACT ARCHITECT.
3. "METAL STUDS" INDICATED ON THIS SHEET FOR INTERIOR PARTITIONS REFER TO THOSE SPECIFIED IN SECTION 09 22 16 - NON STRUCTURAL METAL FRAMING. REFER TO SPECIFICATIONS FOR ADDITIONAL CRITERIA SUCH AS MINIMUM STUD SPACING, MINIMUM GAUGE AND PERMISSIBLE DEFLECTION LIMITS. SEE SECTION 05 41 04 LOAD BEARING METAL STUD SYSTEM FOR FRAMING THAT IS OUTSIDE THE SCOPE OF 09 22 16 AND ASTM C754, SUCH AS LONG HEADERS, CANTILEVERED WALLS, TALL WALLS, WALKABLE CEILINGS AND THEIR SUPPORTS, WALLS EXCEEDING SPAN TABLES AND OTHER UNUSUAL FRAMING CONDITIONS.
4. SOUND TRANSMISSION CLASS (STC) IS A RATING SYSTEM THAT DESCRIBES THE ABILITY OF AN ASSEMBLY TO REDUCE THE TRANSMISSION OF SOUND. CONFIGURE SOUND-RATED WALL ASSEMBLIES ACCORDING TO THE MINIMUM REQUIREMENTS STIPULATED IN THE STC TESTS LISTED. STC RATINGS LISTED ARE BASED ON LABORATORY TESTING AND ARE NOT INDICATIVE OF RESULTS IN FIELD.
5. REFER TO SECTION 09 29 00 FOR ACOUSTIC SEALANTS.
6. SOUND ATTENUATION BATTS (SAB) ARE SPECIFIED IN SECTION 09 29 00. WHERE SAB ARE INDICATED, THEY SHALL EXTEND CONTINUOUSLY FROM FLOOR TO STRUCTURE ABOVE.
7. PARTITIONS ARE INDICATED WITH CONVENTIONAL GYPSUM WALLBOARD UNO; UPGRADE TO PREMIUM TYPES OF WALLBOARD (I.E., MOISTURE-RESISTANT, TILE-BACKER BOARD, ACOUSTICALLY ENHANCED, ETC.) BASED ON THEIR LOCATION AND ACCORDING TO REQUIREMENTS OF SECTION 09 29 00.
8. SEALANTS INDICATED MAY BE FOR FIRE RATING, SMOKE RATING, AIR PRESSURE CONTAINMENT, ACOUSTIC RATING, VERMIN CONTROL, MOVEMENT (CRACK) CONTROL AND/OR BIOLOGICAL CONTAINMENT. SEALANT JOINTS ARE TO BE SIZED FOR EXPECTED MOVEMENT OF JOINT WITH EXPANSION/CONTRACTION CAPACITY OF SEALANT MATERIAL TO MAINTAIN THE INTEGRITY OF THE SEAL FOR THESE APPLICABLE PARAMETERS. SEE SPECIFICATION SECTION 07 92 16 FOR INTERIOR JOINT SEALANTS.
9. REFER TO SECTION 07 84 00 FOR HEAD-OF-WALL FIRESTOPPING AND SEALING OF THRU-WALL PENETRATIONS.
10. "LINE OF STRUCTURE" INDICATED FOR EACH PARTITION IS DIAGRAMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.
11. ALL DIMENSIONS ARE FROM FACE TO FACE, OR CENTERLINE TO CENTERLINE, UNO. REFER TO PARTITION MATRICES FOR PARTITION WIDTH DIMENSIONS UNLESS INDICATED TO BE SHOWN ON PLAN.
12. SMOKE RESISTANT, FIRE RESISTANT, AND FIRE RESISTANT SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.
13. REFER TO THE TOILET ACCESSORIES SHEET AND CASEWORK SHEET FOR MOUNTING DETAIL INFORMATION.
14. REFER TO SHEET A-721 AND A-722 FOR ADDITIONAL PARTITION DETAILS AND FRAMING INFORMATION.

PARTITION TAGGING LEGEND:

THE TYPICAL PARTITION TAG SYMBOL DESIGNATION HAS TWO CHARACTERS. THE FIRST CHARACTER IS A LETTER INDICATING THE PARTITITON TYPE, THE SECOND CHARACTER IS A NUMERIC INDICATION OF THE STUD OR CMU WIDTH. IF A "≠" SYMBOL IS SHOWN AS THE FIRST CHARACTER, THIS INDICATES THE PARTITION DOES NOT HAVE SOUND ATTENUATION. IN SOME INSTANCES, AN ADDITIONAL CHARACTER OR "MODIFIER" MAY BE ADDED TO THE END AND/OR THE LINE BELOW TO INDICATE ADDITIONAL CHARACTERISTICS WITHIN THE WALL. REFER TO CHART BELOW FOR MODIFIER DEFINITIONS.
IF NO PARTITION TAG OR NUMERIC SECOND CHARACTER EXISTS, THE STUD SIZE WILL BE 3 5/8" TYPICAL, UNO.



PARTITION MODIFIER	MODIFIER DESCRIPTION
L	PROVIDE LEAD SHIELDING ON RADIOGRAPHIC SIDE OF ROOM.
S	PROVIDE SECURITY MESH AT GWB.
T	PROVIDE STAGGERED STUDS WITHIN A SINGLE TRACK, SNAKE SOUND ATTENUATION BATTS AROUND STAGGERED STUDS.
P	PROVIDE ADDITIONAL FINISH PANEL TO BASE PARTITION (WOOD, FRP, PHENOLIC, ACOUSTIC STONE PANELS, ETC.)
M	PROVIDE CONCRETE OR MASONRY CURB AT BASE OF PARTITION (CAN BE UTILIZED AT A KITCHEN OR MECHANICAL ROOM)
PARTION MODIFIER II	

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

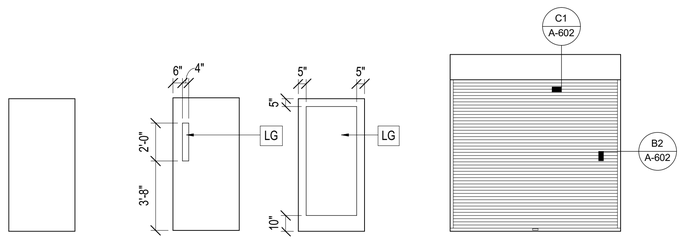
APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
INTERIOR PARTITION SCHEDULE AND DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794326
SHEET 107 OF 228
A-531

DRAWFORM REVISION: 17 APRIL 2018

C:\n-620\161\161365\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:45 PM



F FLUSH

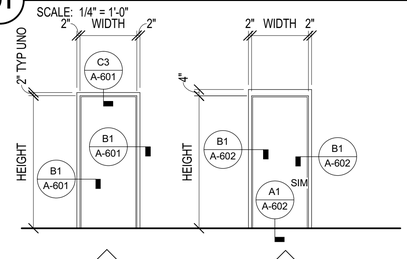
N NARROW VISION

FG FULL GLASS

RSD ROLLING SERVICE DOOR

D1 DOOR PANEL TYPES

SCALE: 1/4" = 1'-0"

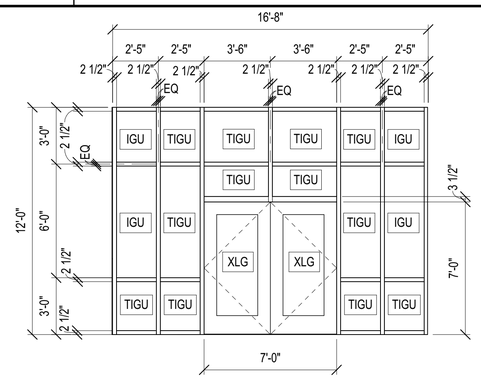


TYPICAL FRAME

MASONRY HEAD

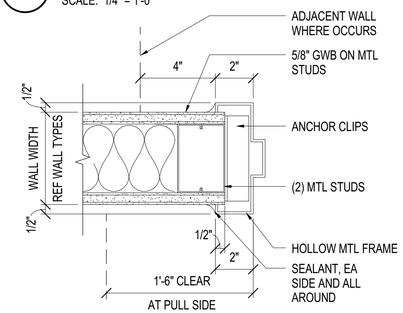
D3 STOREFRONT SYSTEM

SCALE: 1/4" = 1'-0" (A-503)



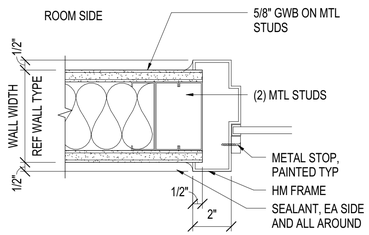
C1 WRAPPED HOLLOW METAL FRAME TYPES

SCALE: 1/4" = 1'-0"



B1 HM JAMB

SCALE: 3" = 1'-0" (A-601)

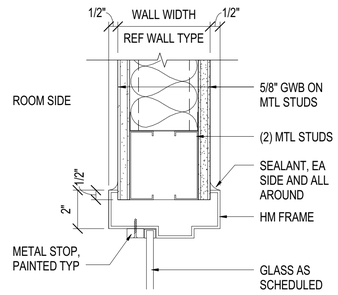


B2 HM FRAME SIDE LITE JAMB

SCALE: 3" = 1'-0"

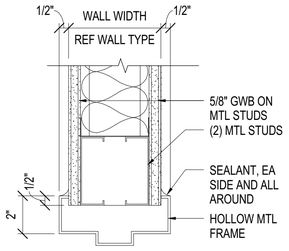
C3 HM HEAD

SCALE: 3" = 1'-0" (A-601)



B3 HM FRAME SIDE LITE HEAD

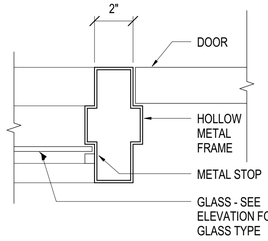
SCALE: 3" = 1'-0"



GLAZING LEGEND

CFG	CLEAR FLOAT GLASS, CLEAR ANNEALED, LAMINATED GLASS
FRBRG	FIRE RATED/BULLET RESISTANT LAMINATED GLASS
IGU	INSULATING GLASS UNIT, LAMINATED GLASS
TIGU	INSULATING GLASS UNIT AT EXTERIOR WHERE SAFETY GLAZING IS REQUIRED, LAMINATED GLASS
SIGU	INSULATING GLASS UNITS AT SPANDREL LOCATIONS, LAMINATED GLASS
	ARCHITECTURAL GLASS FILM

-SEE SPECIFICATIONS FOR ALL GLASS AND AT/FP REQUIREMENTS-



A1 MULLION - PLAN DETAIL

SCALE: 3" = 1'-0"

DOOR SCHEDULE

DOOR NO.	DOOR AND FRAME SECURITY	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	DOOR GLAZING	DOOR LOUVER LENGTH	DOOR LOUVER WIDTH	FRAME TYPE	FRAME MATERIAL	FRAME GLAZING	STC	NIC	HW Set	FIRE RATING	REMARKS
FIRST FLOOR																	
100A	---	D3/A601	3'-6"	7'-0"	1 3/4"	ALUM	NOTE 1	---	---	D3/A-601	ALUM	NOTE 1			19	---	STOREFRONT
100B	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			5.0	---	SECURED
100C	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			5.0	---	SECURED
101	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---	30	25	16.0	---	
102	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---	30	25	16.0	---	
103	---	F	2'-4"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			11.0	45 MIN	SECURED
106	---	F/F	2'-10"	7'-0"	1 3/4"	WD	---	---	---	1	HM	---			13.0	---	DOORS OPENS 180 DEGREES
107	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			12.0	SMOKE	SECURED
108	LEVEL 3	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			6.0	SMOKE	
109B	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	HM	---	---	---	1M	HM	---			3.0	---	
109C	---	RSD	8'-0"	12'-0"	3/4"	MTL	---	---	---	---	---	---			17.0	---	
109D	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			3.0	---	
110	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			3.0	---	
200	---	FG	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---	25	20	4.0	---	SECURED
203	---	N	3'-0"	7'-2"	1 3/4"	WD	LG	---	---	1	HM	---			15.0	---	
204	X10 LOCK	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---	0	0	18	---	SECURED
215A	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			2.0	---	FLS/SECURED
215B	---	RSD	8'-0"	12'-0"	3/4"	MTL	---	---	---	---	---	---			17.0	---	
300	---	FG	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---	25	20	4.0	---	SECURED
309	X10 LOCK	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			18	---	SECURED
310A	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			2.0	---	FLS/SECURED
310B	---	RSD	8'-0"	12'-0"	3/4"	MTL	---	---	---	---	---	---			17.0	---	
311	---	N	3'-0"	7'-2"	1 3/4"	WD	LG	---	---	1	HM	---			15.0	---	
400A	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			20	---	
400B	---	F/F	3'-0"	7'-0"	1 3/4"	WD	---	---	---	1	HM	---			14.0	---	
500	---	FG	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---	25	20	4.0	---	SECURED
503	X10 LOCK	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			18	---	SECURED
513	---	F	3'-0"	7'-2"	1 3/4"	WD	---	---	---	1	HM	---			14	---	
514	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			2.0	---	SECURED
515B	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			2.0	---	SECURED
515C	LEVEL 4	F	3'-0"	7'-0"	1 3/4"	ILHM	---	---	---	1M	HM	---			2.0	---	FLS/SECURED
515D	---	RSD	8'-0"	12'-0"	3/4"	MTL	---	---	---	---	---	---			17.0	---	

SCHEDULE NOTES

NOTE 1 SEE D3/A-601 FOR GLAZING TYPES

1/4" = 1'-0" 0' 2' 4' 8'

3" = 1'-0" 0' 3" 6" 9"

APPR | DATE | SYM | DESCRIPTION

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
James E. Donahue, R.A.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

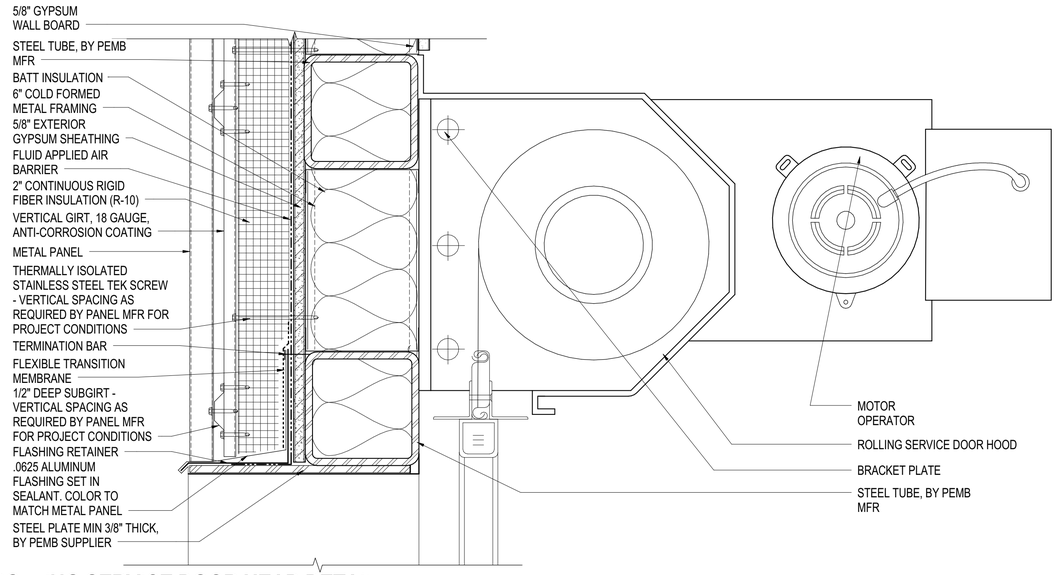
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
DOOR SCHEDULE AND DETAILS

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794327
SHEET	108 OF 228

A-601

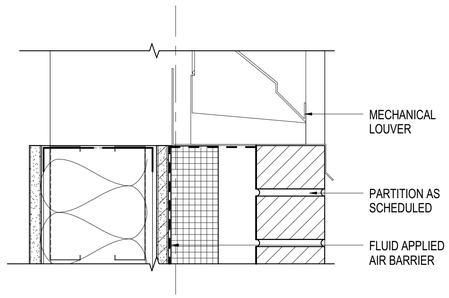
DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\20181013\P1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:45 PM



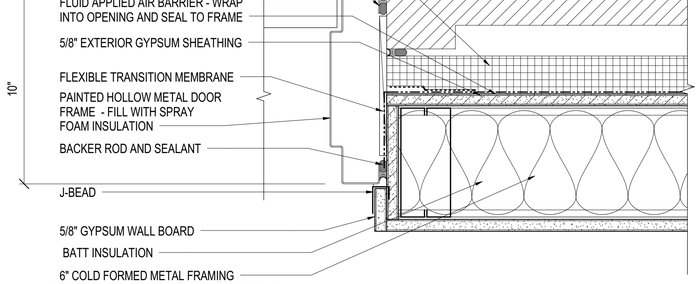
C1 ROLLING SERVICE DOOR HEAD DETAIL

SCALE: 3" = 1'-0" (A-520)



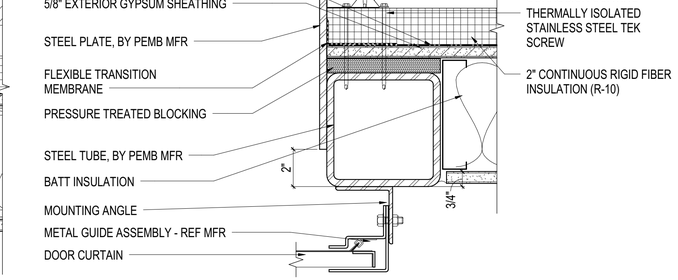
C4 SILL DETAIL AT MECHANICAL LOUVER

SCALE: 3" = 1'-0" (A-105)



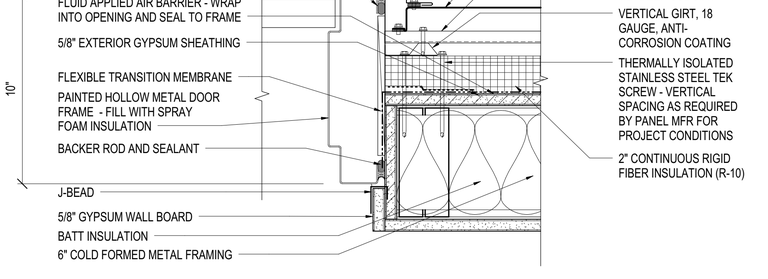
B1 HM DOOR JAMB DETAIL

SCALE: 3" = 1'-0" (A-601)



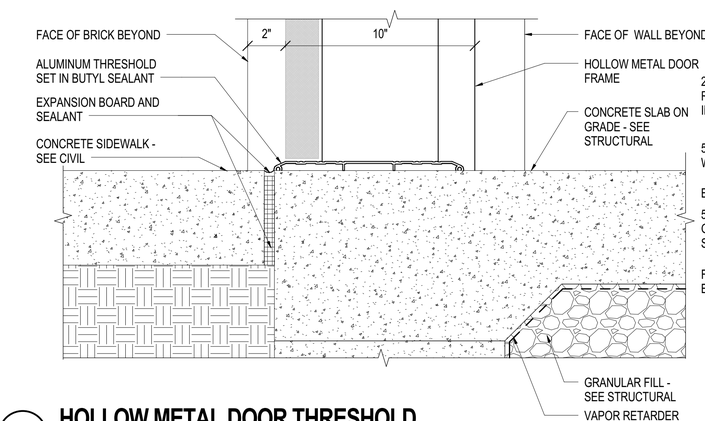
B2 ROLLING SERVICE DOOR JAMB DETAIL

SCALE: 3" = 1'-0" (A-601)



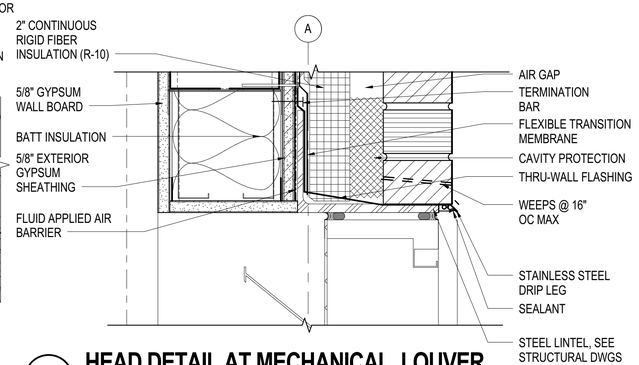
B4 HM DOOR JAMB DETAIL AT METAL PANEL

SCALE: 3" = 1'-0"



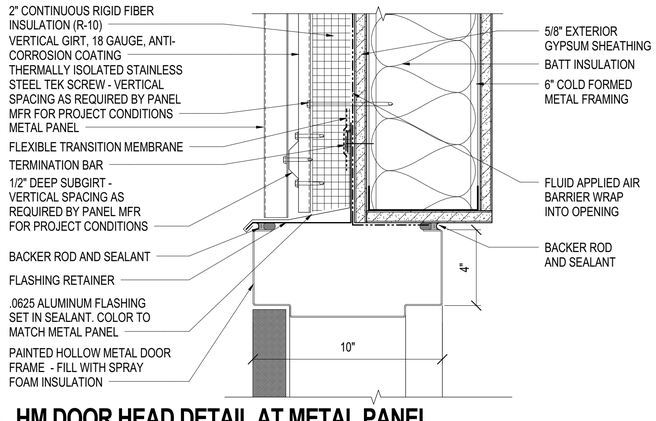
A1 HOLLOW METAL DOOR THRESHOLD

SCALE: 3" = 1'-0" (A-311)



A2 HEAD DETAIL AT MECHANICAL LOUVER

SCALE: 3" = 1'-0"



A4 HM DOOR HEAD DETAIL AT METAL PANEL

SCALE: 3" = 1'-0" (A-311)

3" = 1'-0"

0' 3" 6" 9"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMI SUPINO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
Signed & Sealed as a A.

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
DOOR DETAILS

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794328
SHEET	109 OF 228

A-602

DRAWFORM REVISION: 17 APRIL 2018

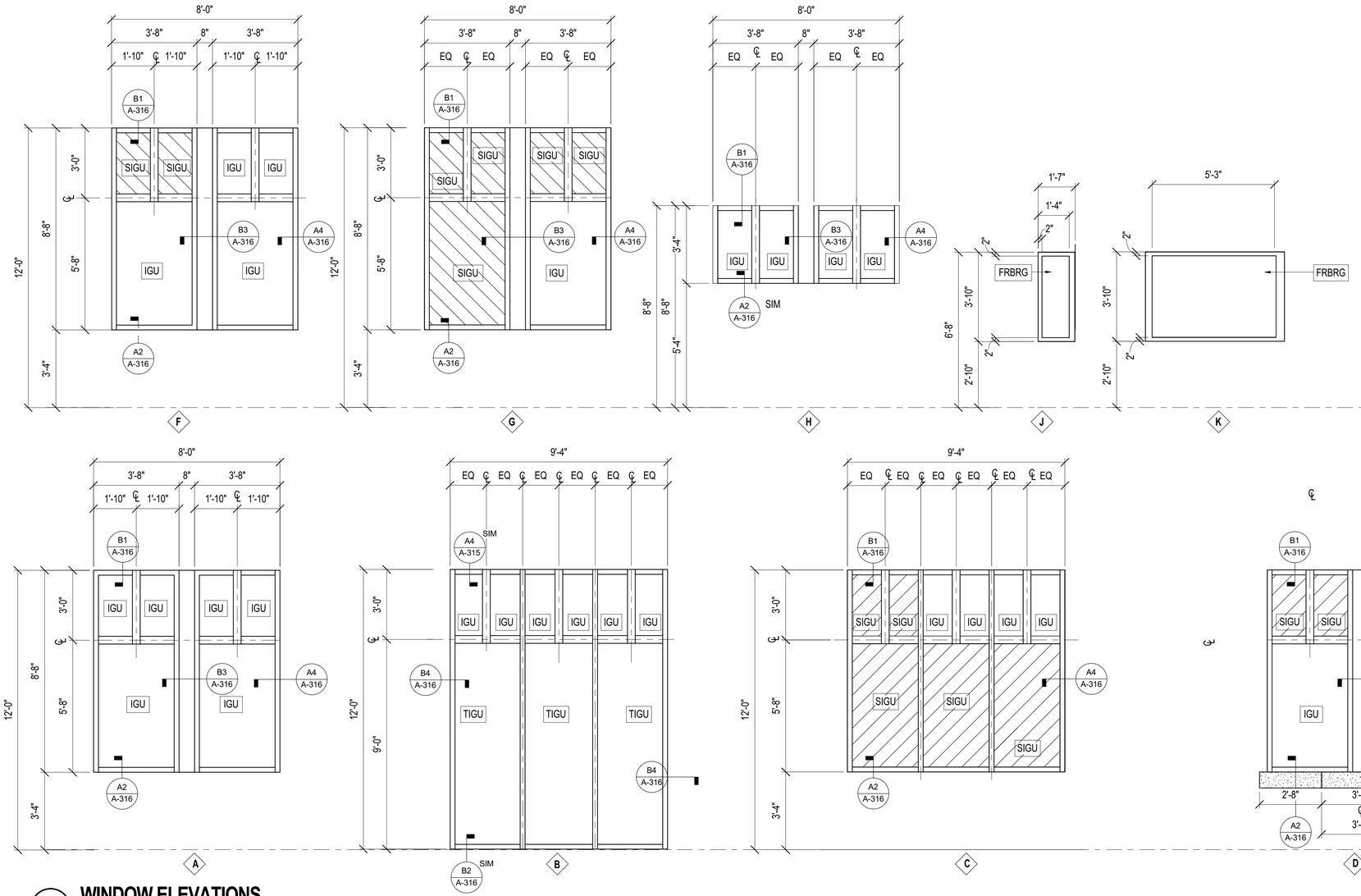
C:\n\20161013636\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:46 PM

GLAZING LEGEND

CFG	CLEAR FLOAT GLASS, CLEAR ANNEALED, LAMINATED GLASS
FRBRG	FIRE RATED/BULLET RESISTANT LAMINATED GLASS
IGU	INSULATING GLASS UNIT, LAMINATED GLASS
TIGU	INSULATING GLASS UNIT AT EXTERIOR WHERE SAFETY GLAZING IS REQUIRED, LAMINATED GLASS
SIGU	INSULATING GLASS UNITS AT SPANDREL LOCATIONS, LAMINATED GLASS
	ARCHITECTURAL GLASS FILM

-SEE SPECIFICATIONS FOR ALL GLASS AND AT/FP REQUIREMENTS-

CONTRACTOR TO COORDINATE ALL ENERGY, AND AT/FP REQUIREMENTS IN UFC AND



A1 WINDOW ELEVATIONS

SCALE: 3/8" = 1'-0"

3/8" = 1'-0" 0' 2' 4' 6'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	DRW	CHK
AVS	KLC	ZNK

PM/OM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

WINDOW ELEVATIONS AND DETAILS

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

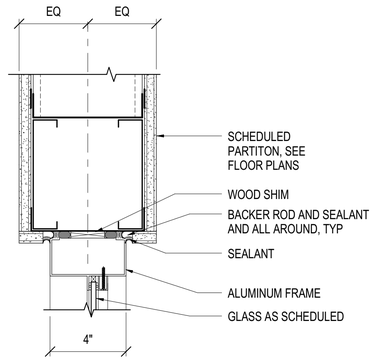
NAVFAC DRAWING NO.
12794329

SHEET 110 OF 228

A-603

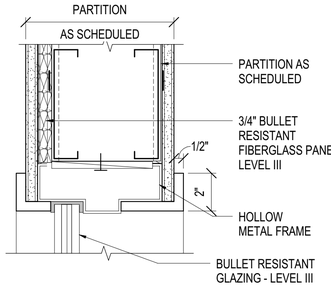
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161901360\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:47 PM



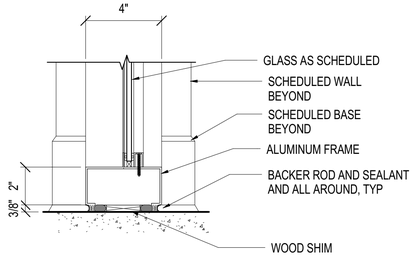
B1 INTERIOR WINDOW HEAD DETAIL

SCALE: 3" = 1'-0"



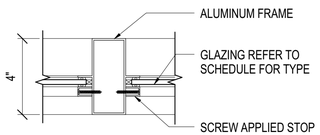
B2 ALUMINUM PASS-THROUGH WINDOW HEAD/SILL/JAMB

SCALE: 3" = 1'-0"



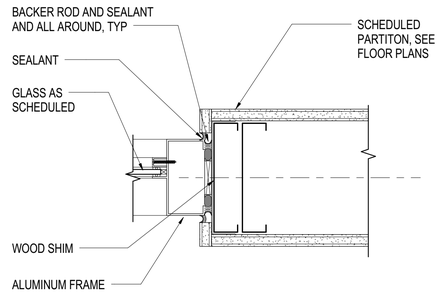
A1 INTERIOR WINDOW SILL DETAIL

SCALE: 3" = 1'-0"



A2 INTERIOR WINDOW INTERMEDIATE MULLION DETAIL

SCALE: 3" = 1'-0"



A3 INTERIOR WINDOW JAMB DETAIL

SCALE: 3" = 1'-0"

3" = 1'-0"

0' 3" 6" 9"

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTALL REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 02/20/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/OM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

WINDOW DETAILS

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

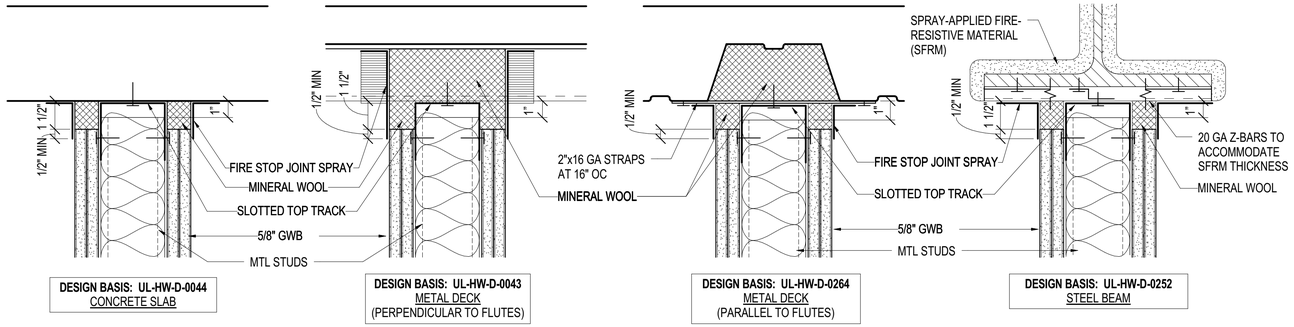
NAVFAC DRAWING NO.
12794330

SHEET 111 OF 228

A-604

DRAWFORM REVISION: 17 APRIL 2018

C:\e620161101360\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:48 PM



DESIGN BASIS: UL-HW-D-0044 CONCRETE SLAB

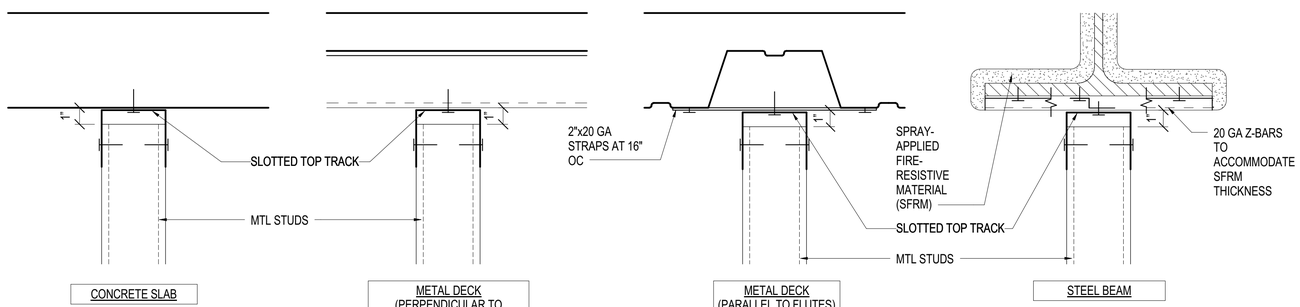
DESIGN BASIS: UL-HW-D-0043 METAL DECK (PERPENDICULAR TO FLUTES)

DESIGN BASIS: UL-HW-D-0264 METAL DECK (PARALLEL TO FLUTES)

DESIGN BASIS: UL-HW-D-0252 STEEL BEAM

D1 STUD PARTITIONS - FIRE RATED PARTITIONS

SCALE: 3" = 1'-0" (A-531)



CONCRETE SLAB

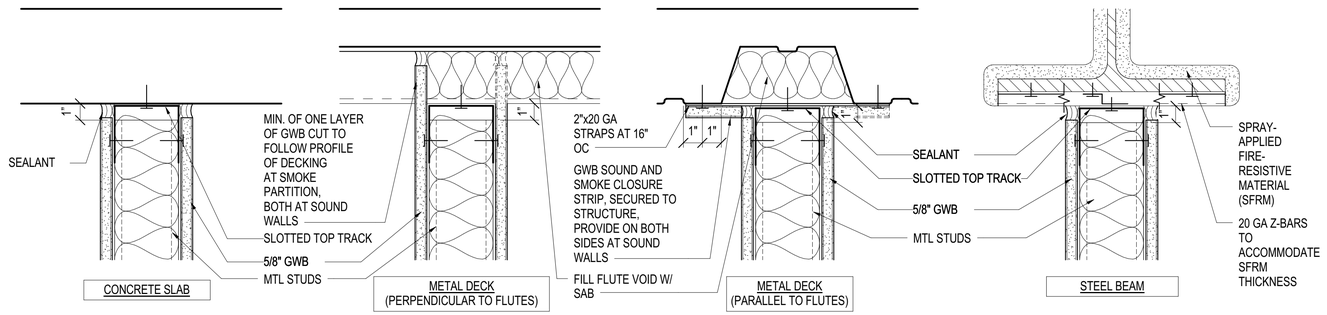
METAL DECK (PERPENDICULAR TO FLUTES)

METAL DECK (PARALLEL TO FLUTES)

STEEL BEAM

C1 STUD PARTITIONS - NON-FIRE, NON-SMOKE, NON-SOUND CONTROL PARTITIONS

SCALE: 3" = 1'-0"



CONCRETE SLAB

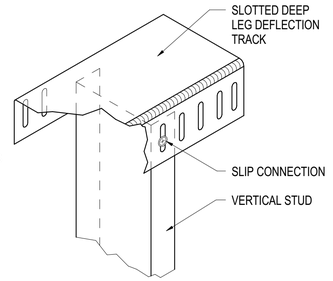
METAL DECK (PERPENDICULAR TO FLUTES)

METAL DECK (PARALLEL TO FLUTES)

STEEL BEAM

A1 STUD PARTITIONS - SMOKE PARTITIONS AND SOUND CONTROL PARTITIONS

SCALE: 3" = 1'-0" (A-531)



ISOMETRIC VIEW OF SLOTTED TOP TRACK

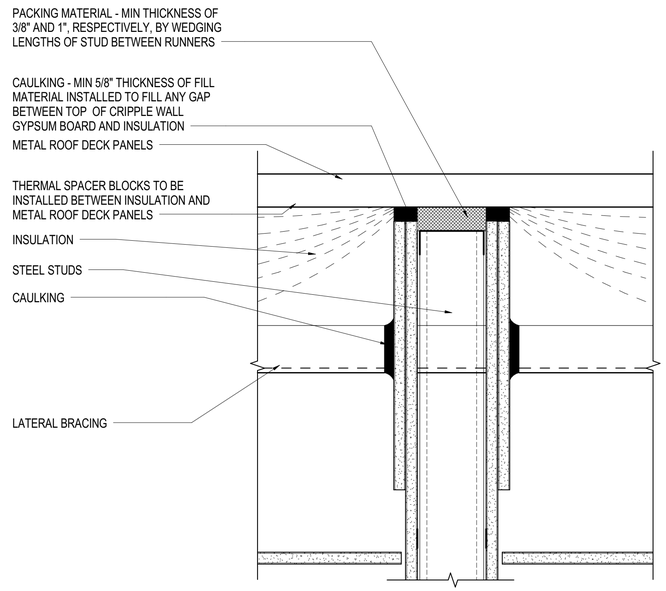
GENERAL NOTES

1. CONDITIONS INDICATED SHOW DESIGN INTENT, ESPECIALLY IN REGARD TO ACCOMMODATION OF STRUCTURAL DEFLECTION AND CONTINUITY OF INTEGRITY OF SOUND, SMOKE AND FIRE WALLS.
2. DESIGN INTENT DETAILS ARE NOT INTENDED TO BE PROPRIETARY. CONTRACTOR MAY EMPLOY SIMILAR HEAD-OF-WALL DESIGNS AND COMPONENTS AS APPROPRIATE FOR CONDITIONS.
3. DESIGN INTENT DETAILS MAY NOT SHOW ALL CONDITIONS TO BE ENCOUNTERED ON A PROJECT.COMPLY WITH MANUFACTURER AND UL APPROVED METHODS FOR ATYPICAL CONDITIONS.
4. SECURE TOP OF INTERIOR PARTITIONS TO SUPERSTRUCTURE IN A WAY THAT PROVIDES LATERASTABILITY (PERPENDICULAR-TO AND IN-PLANE WITH WALL) YET ALLOWING FOR A MINIMUM OF 3/4" CVERTICAL DEFLECTION OF THE SUPERSTRUCTURE.
5. RIGIDLY SECURE SLOTTED TOP TRACK TO BUILDING SUPERSTRUCTURE IN AN APPROVED MANNER. EMPLOY Z-BARS, COLD-ROLLED CHANNELS OR SIMILAR SPACER TO ACCOMMODATE THICKNESS OF SPRAY-APPLIED FIRE-RESISTIVE MATERIALS (SFRM).
6. SLOTTED TOP TRACK, INDICATED ON THESE DETAILS, IS THE BASIS FOR DESIGN AND REFERS TO DEEP- LEG TRACKS WITH VERTICALLY SLOTTED HOLES. OPTIONAL MANUFACTURERS MAY PROVIDE SIMILAR, PROPRIETARY METHODS IN ACCORDANCE WITH THE PROVISIONS OF SPECIFICATION SECTION 09 22 16.
7. SECURE VERTICAL STUDS TO SLOTTED TOP TRACK AT MID-HEIGHT OF VERTICAL SLOTS IN TRACK. COMPONENTS INTENDED TO SLIDE VERTICALLY AS SUPERSTRUCTURE DEFLECTS.
8. DO NOT SCREW GYPSUM WALLBOARD TO TOP TRACK OR SUPERSTRUCTURE. GWB SCREWS INTO THE STUDS MUST BE AT LEAST 1" BELOW THE BOTTOM OF THE TOP TRACK.
9. REFER TO PARTITION STANDARDS FOR SPECIFIC WALL TYPES.
10. AT FIRE -RATED WALLS REFER TO SPECIFICATION SECTION 07 84 00 FOR ADDITIONAL REQUIREMENTS REGARDING HEAD-OF-WALL CONDITIONS.
11. MAINTAIN ACOUSTIC RATING WHERE SOUND-CONTROL WALLS ARE INDICATED.
12. FIRESTOPPING AND ACOUSTICAL SEALANTS SHALL AUTOBOND. PROVIDE EXPOSED CLEAN SEALANT (TO CONCEAL FIRESTOPPING) AT FOOD SERVICE, FDA INSPECTED PRODUCTION FACILITIES, VIVARIA, BIOLOGICAL CONTAINMENT AND CLEAN ROOM APPLICATIONS.
13. WHERE A WALL IS DESIGNATED AS BOTH A SOUND-CONTROL WALL AND A FIRE-RATED WALL, REFER TO FIRE-RATED HEAD-OF-WALL CONDITIONS.
14. WHERE A WALL IS DESIGNATED AS A SOUND-CONTROL WALL, FILL ALL VOIDS WITH SOUNATTENUATION BATTS (SAB).
15. SMOKE PARTITIONS REQUIRE THAT AT LEAST ONE LAYER OF GWB, AND SOUND-CONTROL WALLS REQUIRE GWB ON BOTH SIDES, BE CUT TO FOLLOW UNDULATING SURFACES OF THE SUPERSTRUCTURE INCLUDING, BUT NOT LIMITED TO, FLUTES IN METAL DECKING. PROVIDE A CONTINUOUS BEAD OF SEALANT (AS SPECIFIED) TO SUPERSTRUCTURE.

C4 GENERAL REQUIREMENTS FOR STUD PARTITIONS

SCALE: 3" = 1'-0"

XHBN - JOINT SYSTEMS
ASSEMBLY RATING - 1 HR



A4 ROOF-CEILING ASSEMBLY

SCALE: 3" = 1'-0"

3" = 1'-0" (0', 3", 6", 9")

APPR | DATE | SYM | DESCRIPTION

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

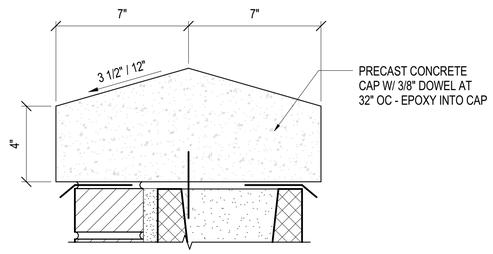
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
PARTITION DETAILS

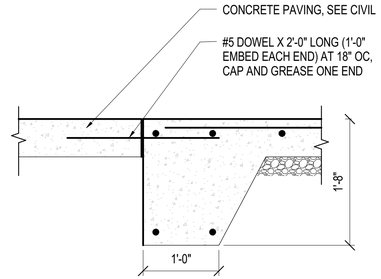
SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794331
SHEET 112 OF 228
A-605
DRAWFORM REVISION: 17 APRIL 2018

C:\e020161101380\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:48 PM



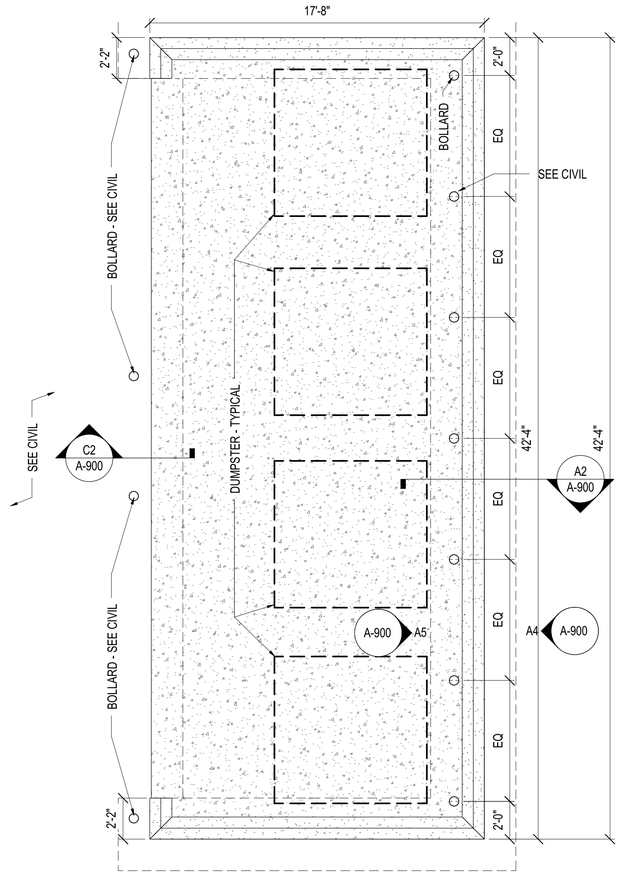
C1 CAP DETAIL

SCALE: 3" = 1'-0" (A-900)



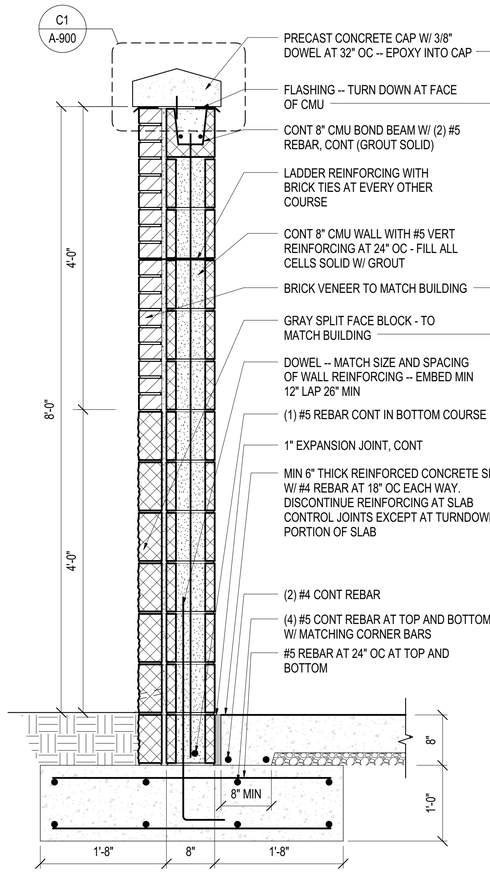
C2 CONCRETE SLAB AT DUMPSTER

SCALE: 1" = 1'-0" (A-900)



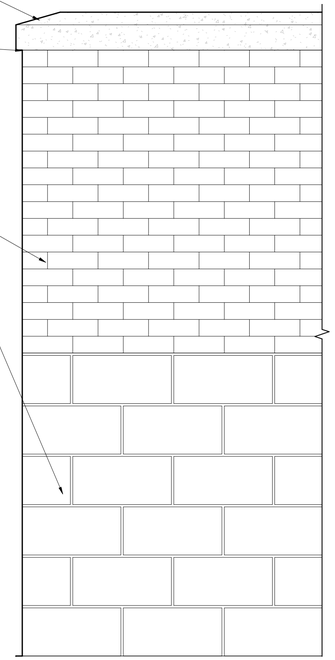
A1 DUMPSTER ENCLOSURE PLAN

SCALE: 1/4" = 1'-0" (A-003)



A2 DUMPSTER ENCLOSURE WALL SECTION

SCALE: 1" = 1'-0" (A-900)



A4 EXTERIOR ELEVATION

SCALE: 1" = 1'-0" (A-900)

A5 INTERIOR ELEVATION

SCALE: 1" = 1'-0" (A-900)

1/4" = 1'-0" 0' 2' 4' 8'

1" = 1'-0" 0' 6" 1' 2'

3" = 1'-0" 0' 3" 6" 9"

APPR	DATE	SYM	DESCRIPTION

440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PMOM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

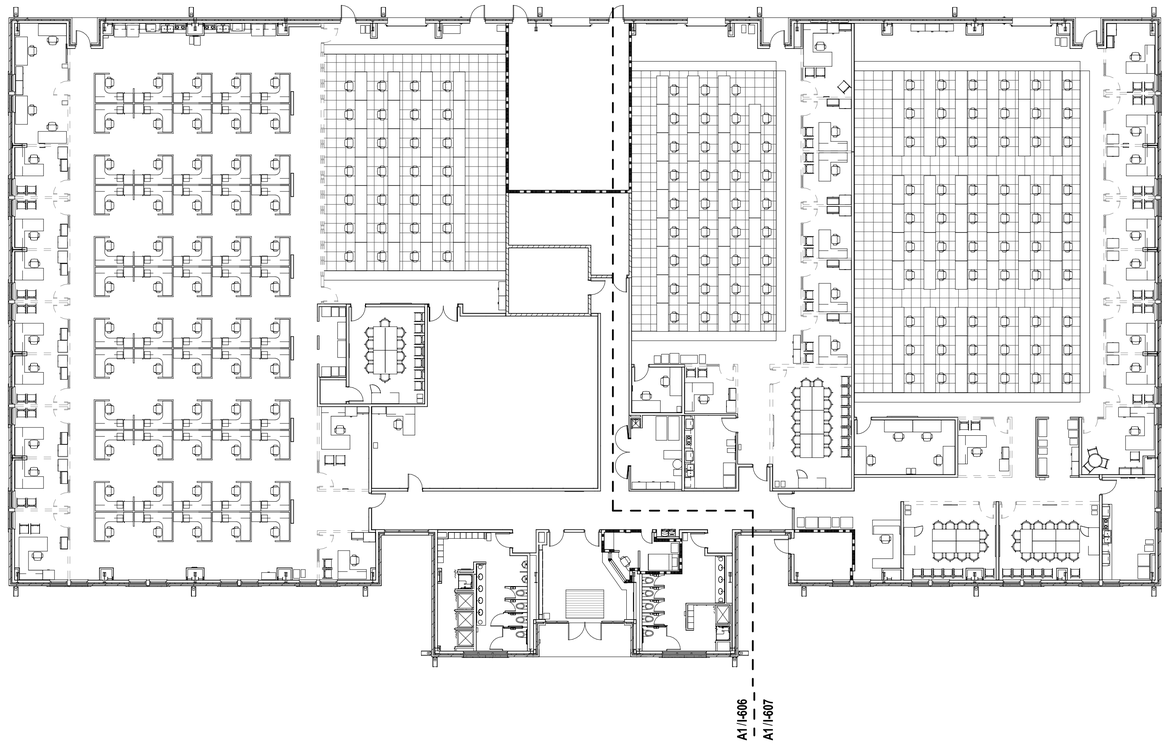
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
DUMPSTER ENCLOSURE

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794332
SHEET 113 OF 228

A-900

DRAWFORM REVISION: 17 APRIL 2018

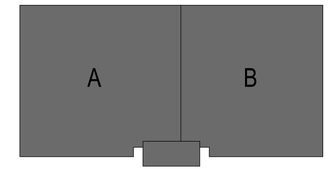
C:\e20161910196\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:12:49 PM



FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620
	RAISED ACCESS FLOORING. SEE SHEETS I-621 AND I-622

KEY PLAN



PLAN NORTH

0' 8' 16' 32'

A1 OVERALL FF&E PLAN

SCALE: 1/16" = 1'-0" (A-100)

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTNO — REGISTERED ARCHITECT — 12960 — NORTH CAROLINA — CHARLOTTE, NORTH CAROLINA — 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

OVERALL FF&E PLAN

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

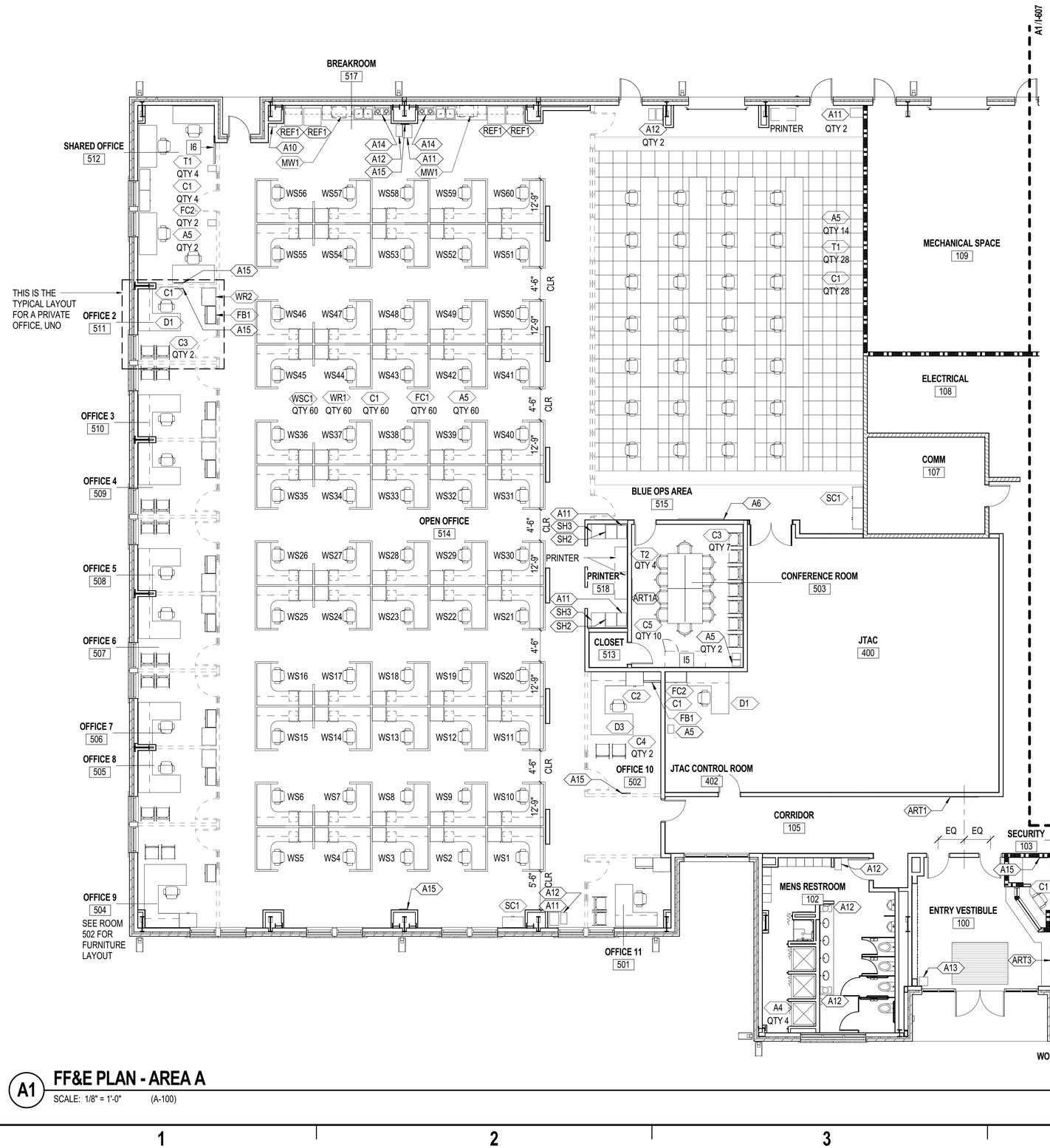
NAVFAC DRAWING NO. 12794333

SHEET 114 OF 228

I-605

DRAWFORM REVISION: 17 APRIL 2018

C:\h\420181013\B\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:43 PM



A1 FF&E PLAN - AREA A

SCALE: 1/8" = 1'-0" (A-100)

C:\n420\16\01\36\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:46 PM

NEW WORK KEYNOTES

I5	AV CABINET. SEE AV DRAWINGS AND SPECS
I6	TELEVISION, SEE AV DRAWINGS AND SPECS

FURNISHING AND EQUIPMENT LEGEND

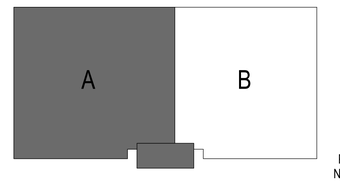
MARK	NAME
A2	TILT TRUCK - TRASH
A3	JANITOR SUPPLY CART
A4	SHOWER CURTAIN (SPA CURTAIN)
A5	TRASH CAN - DESK SIDE
A6	TIME ZONAL CLOCK
A7	MATTRESS - TWIN
A8	BED IN A BAG
A9	TABLE LAMP AT NIGHTSTAND
A10	DEFIBRILLATOR - PORTABLE
A11	RECYCLE BIN AT BREAKROOMS AND PRINT ROOMS
A12	TRASH CAN
A13	TRASH AT LOBBY
A14	PLUMBED COFFEE - 2 BURNER
A15	WALL CLOCK
ART1	LOGO/GRAPHICS
ART1A	LOGO/GRAPHICS
ART3	CHAIN OF COMMAND
BD1	BUNK BED
BD2	NIGHT STAND
C1	CHAIR - TASK - CARPET CASTERS
C2	CHAIR - TASK - EXECUTIVE OFFICE
C3	CHAIR - GUEST - PRIVATE OFFICE AND CONFERENCE
C4	CHAIR - GUEST - EXECUTIVE OFFICE
C5	CHAIR - CONFERENCE
CL2	(3) LOUNGE CHAIRS W/ (2) TABLES
D1	DESK W/SIDE HUTCH - 6' x 6'-6" - LAMINATED METAL
D2	U-SHAPED DESK - RECEPTION - LAMINATE
D3	DESK - COMMAND U-SHAPED INCLUDING WARDROBE
FB1	FILE/ BOOKCASE - 30"W - METAL/LAMINATE TOP
FC1	MOBILE BF PED W/ATTACHED SEAT CUSHION (PART OF WSC1)
FC2	FILE CABINET - 36"W x 4H, LATERAL - METAL
MW1	COMMERCIAL MICROWAVE
REF1	REFRIGERATOR - COFFEE AREAS
SC1	STORAGE CABINET - 36"W
SH1	CROSS CUT AND CD SHREDDER
SH2	HIGH SECURITY DVD & CD SHREDDER
SH3	HIGH SECURITY PAPER SHREDDER
T1	DESK, 30" x 72"L - OPS AREAS
T2	DESK, 30"W x 60"L - CONFERENCE ROOMS
T3	TABLE, SMALL CONFERENCE
WR1	WARDROBE - 24"W - METAL (AT WSC1)
WR2	WARDROBE - 30"W - OFFICES
WSC1	WORKSTATION - 6' x 8'

FLOOR PLAN LEGEND

MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620

RAISED ACCESS FLOORING. SEE SHEETS I-621 AND I-622

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

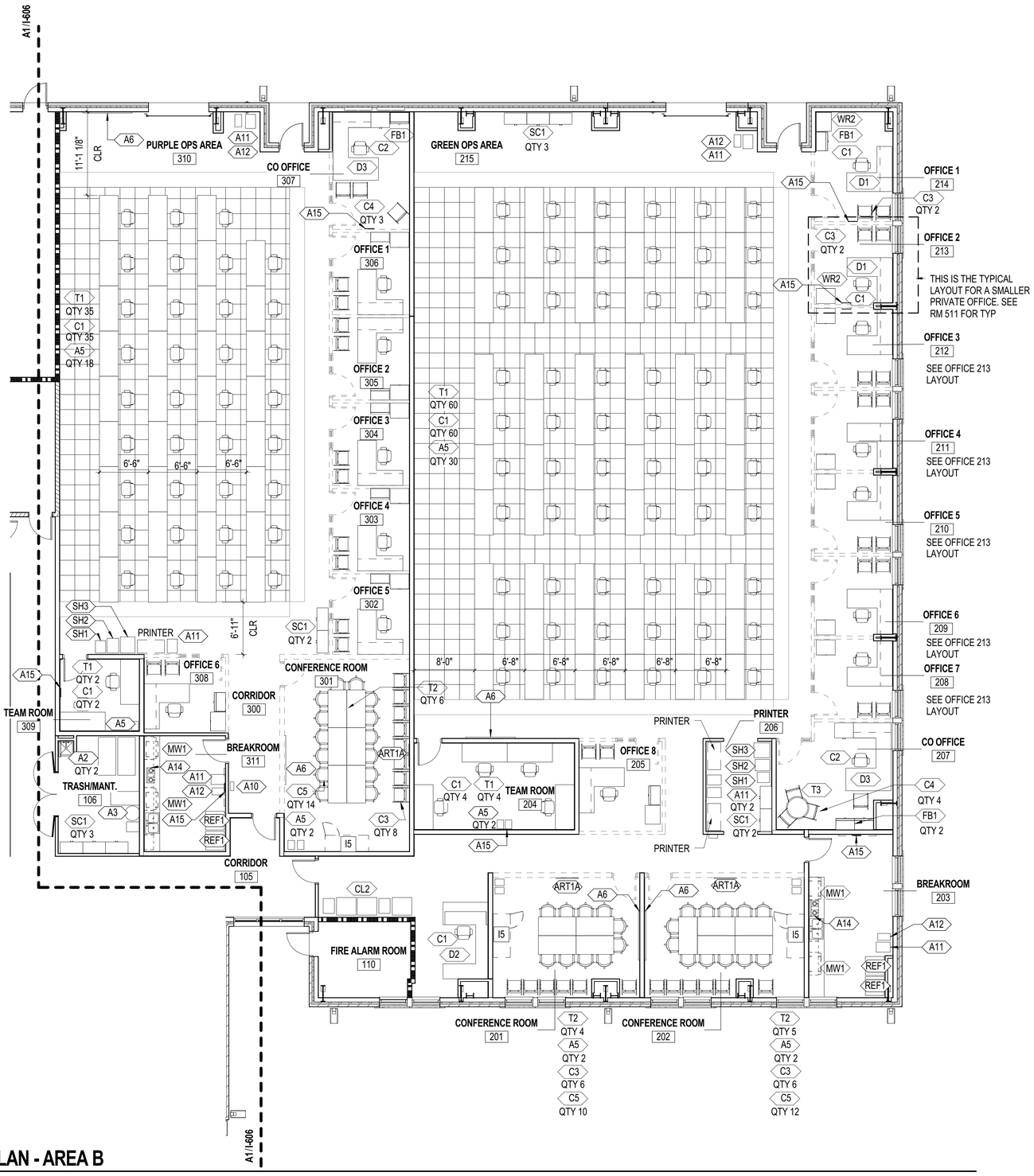
DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FF&E PLAN - AREA A

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794334
SHEET	115 OF 228

I-606

DRAWFORM REVISION: 17 APRIL 2018



A1 FF&E PLAN - AREA B

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

NEW WORK KEYNOTES

I5	AV CABINET. SEE AV DRAWINGS AND SPECS

FURNISHING AND EQUIPMENT LEGEND

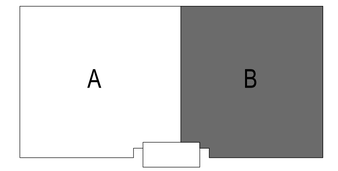
MARK	NAME
A2	TILT TRUCK - TRASH
A3	JANITOR SUPPLY CART
A4	SHOWER CURTAIN (SPA CURTAIN)
A5	TRASH CAN - DESK SIDE
A6	TIME ZONAL CLOCK
A7	MATTRESS - TWIN
A8	BED IN A BAG
A9	TABLE LAMP AT NIGHTSTAND
A10	DEFIBRILLATOR - PORTABLE
A11	RECYCLE BIN AT BREAKROOMS AND PRINT ROOMS
A12	TRASH CAN
A13	TRASH AT LOBBY
A14	PLUMBED COFFEE - 2 BURNER
A15	WALL CLOCK
ART1	LOGO/GRAPHICS
ART1A	LOGO/GRAPHICS
ART3	CHAIN OF COMMAND
BD1	BUNK BED
BD2	NIGHT STAND
C1	CHAIR - TASK - CARPET CASTERS
C2	CHAIR - TASK - EXECUTIVE OFFICE
C3	CHAIR - GUEST - PRIVATE OFFICE AND CONFERENCE
C4	CHAIR - GUEST - EXECUTIVE OFFICE
C5	CHAIR - CONFERENCE
CL2	(3) LOUNGE CHAIRS W/ (2) TABLES
D1	DESK W/SIDE HUTCH - 6' x 6'-6" - LAMINATED METAL
D2	U-SHAPED DESK - RECEPTION - LAMINATE
D3	DESK - COMMAND U-SHAPED INCLUDING WARDROBE
FB1	FILE/ BOOKCASE - 30"W - METAL/LAMINATE TOP
FC1	MOBILE BF PED W/ATTACHED SEAT CUSHION (PART OF WSC1)
FC2	FILE CABINET - 36"W x 4H, LATERAL - METAL
MW1	COMMERCIAL MICROWAVE
REF1	REFRIGERATOR - COFFEE AREAS
SC1	STORAGE CABINET - 36"W
SH1	CROSS CUT AND CD SHREDDER
SH2	HIGH SECURITY DVD & CD SHREDDER
SH3	HIGH SECURITY PAPER SHREDDER
T1	DESK, 30" x 72"L - OPS AREAS
T2	DESK, 30"W x 60"L - CONFERENCE ROOMS
T3	TABLE, SMALL CONFERENCE
WR1	WARDROBE - 24"W - METAL (AT WSC1)
WR2	WARDROBE - 30"W - OFFICES
WSC1	WORKSTATION - 6' x 8'

FLOOR PLAN LEGEND

MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620

RAISED ACCESS FLOORING. SEE SHEETS I-621 AND I-622

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS DRW KLC CHK ZNK
PMOM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FF&E PLAN - AREA B

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794335
SHEET 116 OF 228

I-607

DRAWFORM REVISION: 17 APRIL 2018

C:\n420161101360\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:48 PM

FINISH LEGEND

09 90 00 CONCRETE SEALER

SC1 CONCRETE FLOORING
SEALED & HARDENED

REFERENCE ARCHITECTURAL SPECIFICATION SECTION FOR COMPLETE PRODUCT SPECIFICATION.

09 65 00 RESILIENT FLOORING

RF1 RESILIENT FLOORING

MANUFACTURER:	MANNINGTON
SERIES:	SPACIA
PATTERN:	#SSSS3606
COLOR:	LINEAR STONE SHALE
SIZE	12x18
NOTE:	ACCENT LVT FLOORING

TR1 FINISHING ACCESORY - TRANSITION PIECE

MANUFACTURER:	MANNINGTON
PRODUCT #:	152
COLOR:	SYNC # 905 PEWTER
NOTE:	TRANSITION PIECE AT CARPET TO RESILIENT FLOORING. REFERENCE DETAIL A1/I-610

09 68 00 CARPET TILE

CPT1 CARPET TILE

MANUFACTURER:	MANNINGTON
PRODUCT NAME:	MEDIA
COLOR:	SYNERGY W/ #1245 / C381 AUTUMN GLORY ACCENT STRIPE
SIZE:	24x24
INSTALLATION	MONOLITHIC

CPT2 CARPET TILE

MANUFACTURER:	MANNINGTON
PRODUCT NAME:	BELVEDERE V
COLOR:	15139 NIGHT
SIZE:	24x24
INSTALLATION	MONOLITHIC

12 48 13 RECESSED ENTRY MAT

RM1 RECESSED ENTRANCE MAT

MANUFACTURER:	CONSTRUCTION SPECIALTIES
SERIES:	G6 GRIDLINE
TYPE:	304 STAINLESS STEEL

09 65 00 BASE

RB1 RUBBER BASE

MANUFACTURER:	JOHNSONITE
MODEL:	SC-29-4
SIZE:	4" HEIGHT
COLOR:	MOON ROCK #29

RB2 RUBBER BASE

MANUFACTURER:	JOHNSONITE
MODEL:	SC-29-4
SIZE:	4" HEIGHT
COLOR:	BLACK #40

09 30 10 GROUT

GT1 EPOXY GROUT

MANUFACTURER:	LATICRETE
COLOR:	#60 DUSTY GRAY

09 30 10 PORCELAIN TILE

PT1 FLOOR TILE

MANUFACTURER:	TRINITY TILE
SERIES:	EVE
COLOR:	VELVET
FINISH:	MATTE
SIZE:	12x24
GROUT:	GT1
NOTE:	FIELD FLOOR TILE IN LOBBY

PT2 FLOOR TILE

MANUFACTURER:	TRINITY TILE
SERIES:	HALCYON II
COLOR:	DELORIAN GREY
FINISH:	MATTE
SIZE:	12x24
GROUT:	GT1
NOTE:	FIELD FLOOR TILE IN RESTROOMS

12 24 13 WINDOW SHADES

WC1 WINDOW SHADES

MANUFACTURER:	MECHOSHADE SYSTEMS
TYPE:	LIGHT FILTERING SHADES
SERIES:	6000 (3% OPEN)
COLOR:	6018 STONE
OPERATION:	MANUAL AT EXTERIOR WINDOWS

WC2 WINDOW SHADES

MANUFACTURER:	MECHOSHADE SYSTEMS
TYPE:	ROOM DARKENING SPACE
SERIES:	0100
FABRIC COLOR:	0104 SANDSTONE
OPERATION:	MANUAL AT EXTERIOR WINDOWS

WINDOW FILM

WF1 WINDOW FILM

MANUFACTURER:	DESIGNTEX
PRODUCT:	CASPER CLOAKING TECHNOLOGY ARCHITECTURAL GLASS FILMS
COLOR:	CLEAR
PRODUCT #:	PF001-801
NOTE:	NOTE: APPLY PER MFR INSTRUCTIONS TO INTERIOR GLAZING BETWEEN OPEN OFFICE 514 AND BLUE OPS 515

09 30 10 PORCELAIN WALL TILE

PWT1 WALL TILE

MANUFACTURER:	TRINITY TILE
SERIES:	HALCYON II
COLOR:	DELORIAN GREY
FINISH:	MATTE
SIZE:	12x24
GROUT:	GT1
NOTE:	FIELD WALL TILE IN RESTROOMS

PWT2 WALL TILE

MANUFACTURER:	TRINITY TILE
SERIES:	ARAGONITE
COLOR:	BLUE
FINISH:	MATTE
SIZE:	12x24
GROUT:	GT1
NOTE:	ACCENT WALL TILE IN RESTROOMS

TR2

MANUFACTURER:	SCHLUTER SYSTEMS
PRODUCT:	SCHIENE
PRODUCT #:	AE100
FINISH:	SATIN ANODIZED ALUMINUM
NOTE:	SCHLUTER TRANSITION AT RESILIENT TO TILE

TR3

MANUFACTURER:	SCHLUTER SYSTEMS
PRODUCT:	DILEX-AHK
PRODUCT #:	AHK1S100AE
FINISH:	ANODIZED ALUMINUM
NOTE:	SCHLUTER TRANSITION AT TOILET ROOM WALL AND FLOOR TILE

06 41 16 PLASTIC LAMINATE

PL1 PLASTIC LAMINATE

MANUFACTURER:	NEVAMAR
COLOR:	ICONIC MAPLE
COLOR #:	WM0047T
FINISH:	TEXTURED

06 61 16 SOLID SURFACE

SS1 SOLID SURFACE COUNTER TOP

MANUFACTURER:	LG HI-MACS SURFACES
SERIES:	GALAXY
COLOR:	MILKY WAY #T009

SS2 SOLID SURFACE SHOWER WALLS, AND WINDOW STOOLS

MANUFACTURER:	LG HI-MACS SURFACES
COLOR:	IVORY WHITE #S029
WALL PANEL...	1/4"

09 90 00 PAINT

PNT1

TYPE:	LOW ODOR LATEX
MANUFACTURER:	SHERWIN WILLIAMS
COLOR NUMBER:	SW7049
COLOR:	NUANCE
NOTE:	FIELD WALL AND CEILING PAINT

PNT2

TYPE:	LOW ODOR LATEX
MANUFACTURER:	SHERWIN WILLIAMS
COLOR NUMBER:	SW7044
COLOR:	AMAZING GRAY
NOTE:	ACCENT PAINT WHERE NOTED

PNT3

TYPE:	LOW ODOR LATEX
MANUFACTURER:	SHERWIN WILLIAMS
COLOR NUMBER:	SW7025
COLOR:	BACKDROP
NOTE:	ACCENT PAINT WHERE NOTED

PNT4

TYPE:	LOW ODOR LATEX
MANUFACTURER:	SHERWIN WILLIAMS
COLOR NUMBER:	SW6258
COLOR:	TRICORN BLACK
NOTE:	JTAC FIELD PAINT

PNTE1

TYPE:	EPOXY
MANUFACTURER:	SHERWIN WILLIAMS
COLOR NUMBER:	SW7049
COLOR:	NUANCE
NOTE:	RESTROOMS AND TRASH/MAINT.

PNTM4

TYPE:	ENAMEL
MANUFACTURER:	SHERWIN WILLIAMS
COLOR NUMBER:	SW7047
COLOR:	PORPOISE
NOTE:	HOLLOW METAL DOOR FRAMES AND EXPOSED STEEL

09 51 00 ACOUSTICAL CEILING TILE

ACT1 ACOUSTIC CEILING TILE

MANUFACTURER:	ARMSTRONG
ITEM #:	1910
EDGE PROFILE:	SQUARE
TILE SIZE:	24x24x3/4
TILE COLOR:	WHITE
GRID:	15/16" EXPOSED TEE
GRID COLOR:	WHITE

ACT2 ACOUSTIC CEILING TILE (AT JTAC)

MANUFACTURER:	ARMSTRONG
ITEM #:	2820 CALLA
EDGE PROFILE:	SQUARE
TILE SIZE:	24x24x1
TILE COLOR:	BLACK
GRID:	15/16" EXPOSED TEE
GRID COLOR:	BLACK

09 51 00 WOOD CEILING

CLG1 WOOD CEILING SYSTEM

MANUFACTURER:	ARMSTRONG
SYSTEM:	WOODWORKS LINEAR VENEERED PANELS
PRODUCT #:	6691W1
DIMENSIONS:	24x96x 3/4
PATTERN:	NOMINAL 6IN PLANK
EDGE:	1/4" REVEAL 15/16"
COLOR:	CONSTANTS WALNUT
NOTES:	ACOUSTICAL FLEECE ABOVE CEILING

10 26 00 WALL PROTECTION

WP1 PROTECTIVE WALL COVERING

MANUFACTURER:	C/S GROUP
MATERIAL:	VINYL
SIZE:	.040" THICK, SEE C4/I-612 FOR HEIGHT
COLOR:	#934 PEARL

WP2 PROTECTIVE WALL COVERING (AT MOP SINK)

MATERIAL:	STAINLESS STEEL

CG1 CORNER GUARD

MANUFACTURER:	C/S GROUP
MATERIAL:	VINYL
SERIES:	SM-20N
SIZE:	2"
COLOR:	#934 PEARL

CG2 CORNER GUARD

MANUFACTURER:	C/S GROUP
MATERIAL:	VINYL
SERIES:	SM-20N
SIZE:	2"
COLOR:	#209 SLATE

MT1 CORNER GUARD

MANUFACTURER:	SCHLUTER SYSTEMS
PRODUCT:	QUADEC
PRODUCT #:	Q100AE
FINISH:	SATIN ANODIZED ALUMINUM
NOTE:	SCHLUTER PROFILE AT OUTSIDE CORNERS OF ALL PORCELAIN WALL TILE

10 21 13 TOILET PARTITIONS

TP1 TOILET PARTITIONS

MANUFACTURER:	SCRANTON PRODUCTS
TYPE:	HINEY HIDER
MATERIAL:	HDPE
COLOR:	CHARCOAL GREY
FINISH:	ORANGE PEEL

10 51 13 LOCKERS

L1 LOCKERS

MANUFACTURER:	SCRANTON PRODUCTS
TYPE:	TUFFTEC
STYLE:	"Z" STYLE
MATERIAL:	HDPE
COLOR:	CHARCOAL GREY

APPR | DATE | SYM | DESCRIPTION

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
James E. Sylvester, P.E.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE Cr
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
INTERIOR FINISH LEGEND

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794336
SHEET 117 OF 228

I-609

DRAWFORM REVISION: 17 APRIL 2018

C:\h\r\20181019\36813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:49 PM

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING FINISH	NOTES
100	ENTRY VESTIBULE	PT1	RB1	PNT1	PNT1/CLG1	
101	WOMENS RESTROOM	PT2	PTB1	PWT1/PWT2	PNT1	
102	MENS RESTROOM	PT2	PTB1	PWT1/ PWT2	PNT1	
103	SECURITY	CPT1	RB1	PNT1	ACT1	
104	SECURITY BUNK	CPT1	RB1	PNT1	ACT1	
105	CORRIDOR	RF1	RB1	PNT1/PNT3	ACT1/ PNT1	SEE I-611 FOR ACCENT WALL
106	TRASH/MANT.	SC1	RB1	PNT1	ACT1/ PNT1	
107	COMM	SC1	RB1	PNT1	ETS	
108	ELECTRICAL	SC1	RB1	PNT1	ETS	
109	MECHANICAL SPACE	SC1	RB1	PNT1	ETS	
110	FIRE ALARM ROOM	SC1	RB1	PNT1	ETS	
200	RECEPTION	CPT1	RB1	PNT1	ACT1/ PNT1	
201	CONFERENCE ROOM	CPT1	RB1	PNT1	PNT1/CLG1	
202	CONFERENCE ROOM	CPT1	RB1	PNT1	PNT1/CLG1	
203	BREAKROOM	RF1	RB1	PNT1/PNT3	ACT1	SEE I-612 FOR ACCENT WALL
204	TEAM ROOM	CPT1	RB1	PNT1	ACT1	
205	OFFICE 8	CPT1	RB1	PNT1	ACT1	
206	PRINTER	CPT1	RB1	PNT1	ACT1	
207	CO OFFICE	CPT1	RB1	PNT1	ACT1	
208	OFFICE 7	CPT1	RB1	PNT1	ACT1	
209	OFFICE 6	CPT1	RB1	PNT1	ACT1	
210	OFFICE 5	CPT1	RB1	PNT1	ACT1	
211	OFFICE 4	CPT1	RB1	PNT1	ACT1	
212	OFFICE 3	CPT1	RB1	PNT1	ACT1	
213	OFFICE 2	CPT1	RB1	PNT1	ACT1	
214	OFFICE 1	CPT1	RB1	PNT1	ACT1	
215	GREEN OPS AREA	CPT1	RB1	PNT1/PNT3/PNT2	ACT1/ PNT1	SEE I-612 FOR ACCENT WALL, RAISED ACCESS FLOOR (RAF1)
300	CORRIDOR	CPT1	RB1	PNT1	ACT1	
301	CONFERENCE ROOM	CPT1	RB1	PNT1	PNT1/CLG1	
302	OFFICE 5	CPT1	RB1	PNT1	ACT1	
303	OFFICE 4	CPT1	RB1	PNT1	ACT1	
304	OFFICE 3	CPT1	RB1	PNT1	ACT1	
305	OFFICE 2	CPT1	RB1	PNT1	ACT1	
306	OFFICE 1	CPT1	RB1	PNT1	ACT1	
307	CO OFFICE	CPT1	RB1	PNT1	ACT1	
308	OFFICE 6	CPT1	RB1	PNT1	ACT1	
309	TEAM ROOM	CPT1	RB1	PNT1	ACT1	
310	PURPLE OPS AREA	CPT1	RB1	PNT1/PNT3/PNT2	ACT1/ PNT1	SEE I-612 FOR ACCENT WALL, RAISED ACCESS FLOOR (RAF1)
311	BREAKROOM	RF1	RB1	PNT1/PNT3	ACT1	SEE I-612 FOR ACCENT WALL
400	JTAC	CPT2	RB2	PNT4	ACT2	
402	JTAC CONTROL ROOM	CPT2	RB2	PNT4	ACT2	
500	RECEPTION	CPT1	RB1	PNT1	ACT1/PNT1	
501	OFFICE 11	CPT1	RB1	PNT1	ACT1	
502	OFFICE 10	CPT1	RB1	PNT1	ACT1	
503	CONFERENCE ROOM	CPT1	RB1	PNT1	PNT1/CLG1	
504	OFFICE 9	CPT1	RB1	PNT1	ACT1	
505	OFFICE 8	CPT1	RB1	PNT1	ACT1	
506	OFFICE 7	CPT1	RB1	PNT1	ACT1	
507	OFFICE 6	CPT1	RB1	PNT1	ACT1	
508	OFFICE 5	CPT1	RB1	PNT1	ACT1	
509	OFFICE 4	CPT1	RB1	PNT1	ACT1	
510	OFFICE 3	CPT1	RB1	PNT1	ACT1	
511	OFFICE 2	CPT1	RB1	PNT1	ACT1	
512	SHARED OFFICE	CPT1	RB1	PNT1	ACT1	
513	CLOSET	CPT1	RB1	PNT1	PNT1	
514	OPEN OFFICE	CPT1	RB1	PNT1/PNT2	ACT1/ PNT1	SEE I-611 FOR ACCENT WALL
515	BLUE OPS AREA	CPT1	RB1	PNT1/PNT3	ACT1	SEE I-611 FOR ACCENT WALL, RAISED ACCESS FLOOR (RAF1)
518	PRINTER	CPT1	RB1	PNT1	ACT1	
700	COVERED AREA					

GENERAL INTERIOR NOTES

1. REFER TO SHEET I-609 FOR FINISH LEGEND.
2. ALL WALLS AND CEILINGS TO BE PAINTED PNT1 UNO.
3. ALL HM DOOR FRAMES TO BE PAINTED WITH PNTM4.
4. FOR TRANSITION, BASE, AND WALL PROTECTION DETAILS SEE I-613.

SYM | DESCRIPTION | DATE | APPR

NAVFAC

SEAL

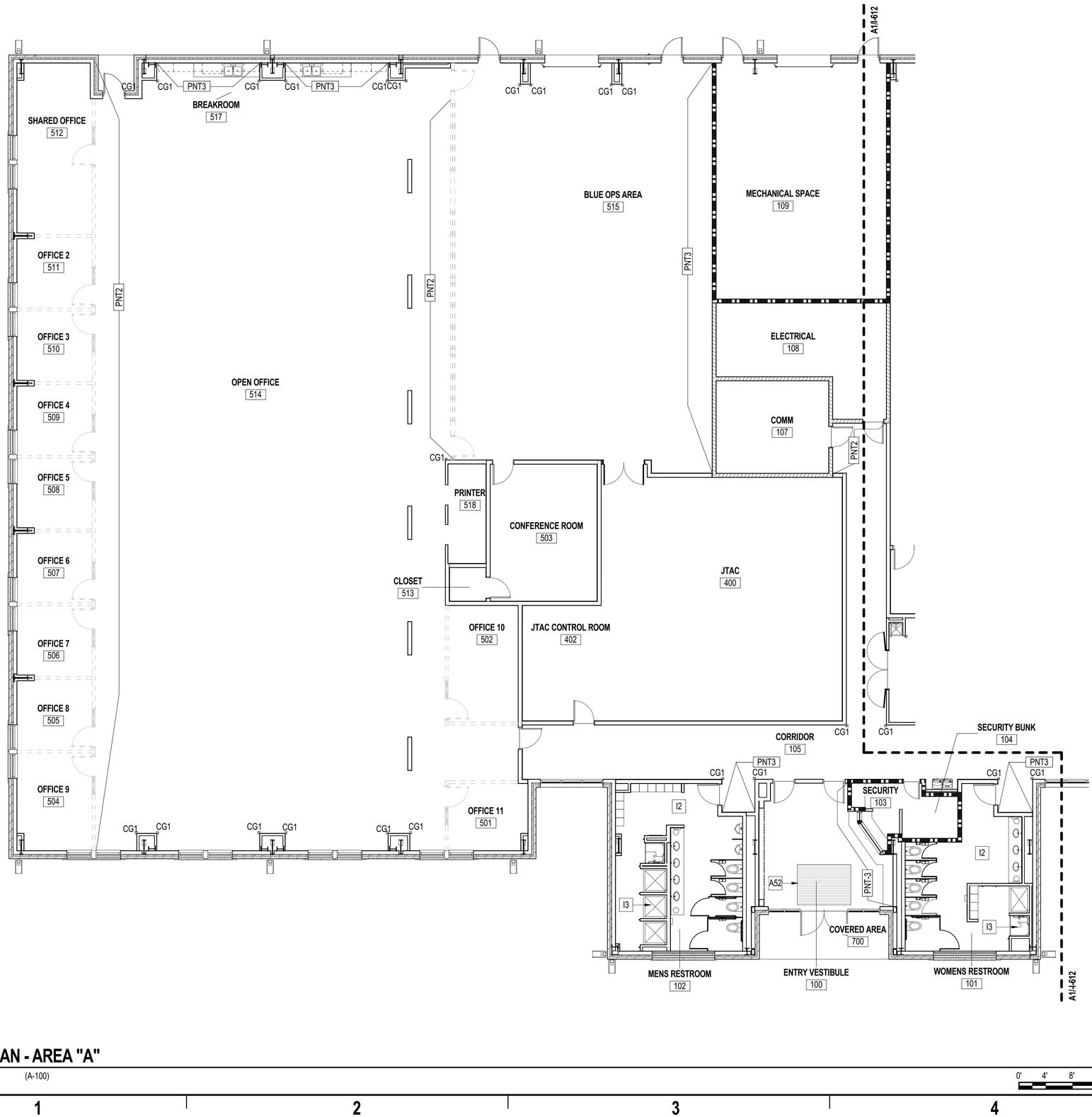
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PMOM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FINISH SCHEDULE

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12794337
SHEET 118 OF 228
I-610
DRAWFORM REVISION: 17 APRIL 2018

C:\e420161101\36013\A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:49 PM



GENERAL INTERIOR NOTES

1. REFER TO SHEET I-609 FOR FINISH LEGEND.
2. ALL WALLS AND CEILINGS TO BE PAINTED PNT1 UNO.
3. ALL HM DOOR FRAMES TO BE PAINTED WITH PNTM4.
4. FOR TRANSITION, BASE, AND WALL PROTECTION DETAILS SEE I-613.

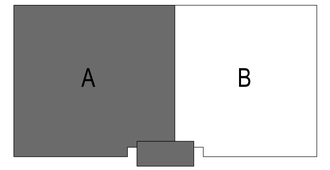
LEGEND

PNTX	INTERIOR ACCENT TAG
	CORNER GUARD: CG1, CG2
	WALL PROTECTION: WP1, WP2
	FLOOR TRANSITION STRIP
	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620

SHEET KEYNOTES

A52	RECESSED WALK OFF MAT (RM1) SEE D4/A-510
I2	ALL WALLS IN RESTROOMS (EXCEPT SIDE WALLS AND WALLS BEHIND LOCKERS) TO RECEIVE PWT-1 AND PWT-2. SEE INTERIOR ELEVATIONS FOR LAYOUT
I3	ALL SHOWER BASES TO BE SSF, TYP

KEY PLAN



PLAN NORTH

A1 **FINISH PLAN - AREA "A"**

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL: (704)338-6700

A/E INFO

APPROVED
JAMES E. SYLVESTER, P.E.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE	06/19/2020		
DES AVS	DRW KLC	CHK ZNK	
PM/DM	SGL/RMS		
BRANCH MANAGER	DJD		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION			

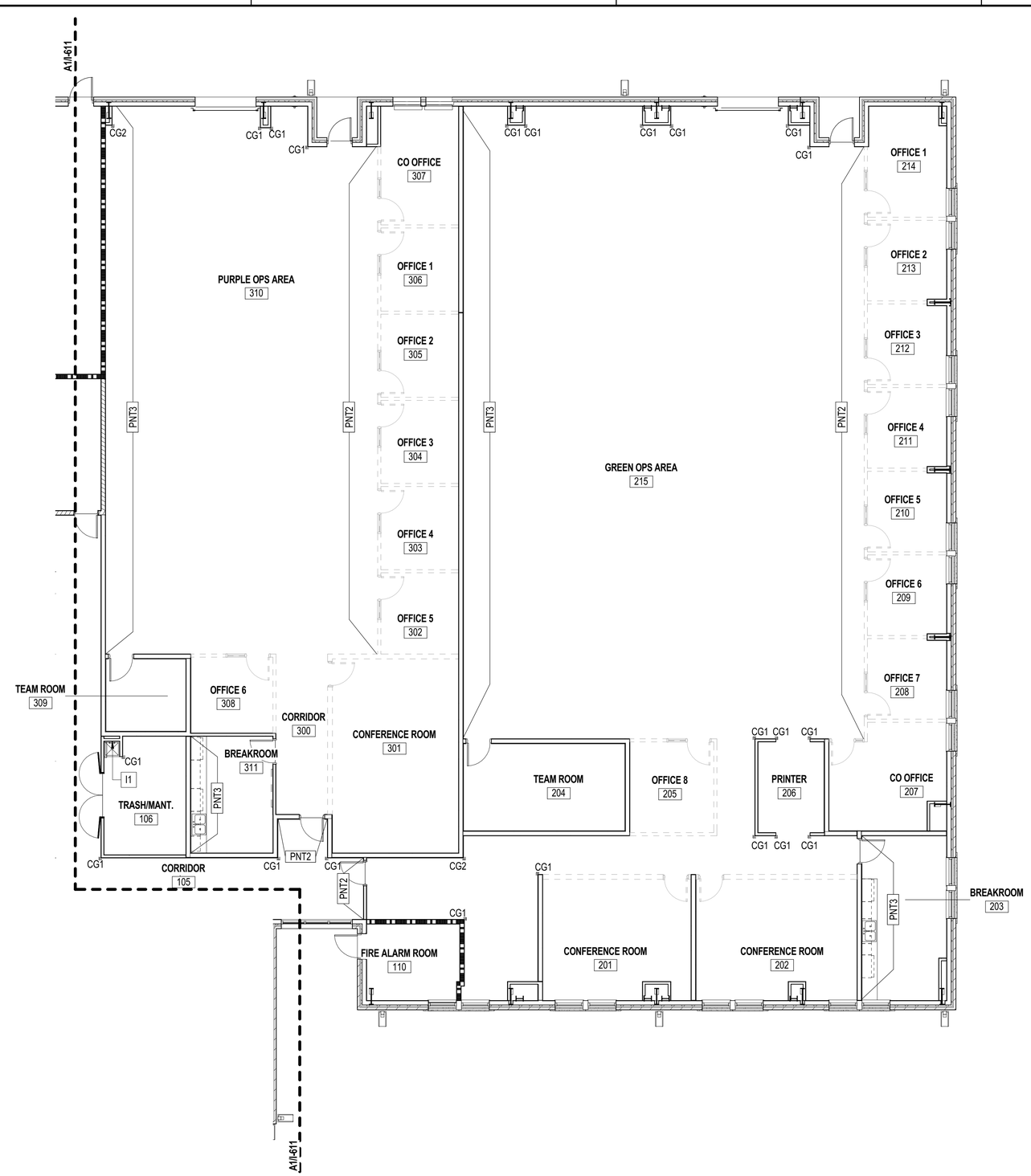
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FINISH PLAN - AREA A

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794338
SHEET	119 OF 228

I-611

DRAWFORM REVISION: 17 APRIL 2018

C:\n\420195\01\3693\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:51 PM



A1 FINISH PLAN - AREA "B"

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

GENERAL INTERIOR NOTES

1. REFER TO SHEET I-609 FOR FINISH LEGEND.
2. ALL WALLS AND CEILINGS TO BE PAINTED PNT1 UNO.
3. ALL HM DOOR FRAMES TO BE PAINTED WITH PNTM4.
4. FOR TRANSITION, BASE, AND WALL PROTECTION DETAILS SEE I-613.

LEGEND

PNTX — INTERIOR ACCENT TAG

CORNER GUARD: CG1, CG2

WALL PROTECTION: WP1, WP2

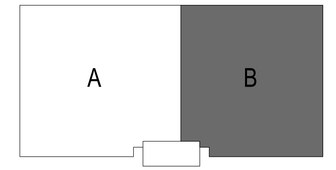
FLOOR TRANSITION STRIP

MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620

SHEET KEYNOTES

I1	(3) WALLS AROUND MOP SINK TO HAVE WP2. 48"H PANELS

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL: ALEXANDRIA VAMI SUNIO, REGISTERED LANDSCAPE ARCHITECT, 12960, NORTH CAROLINA, CHARLOTTE, NORTH CAROLINA, 6/22/2020

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

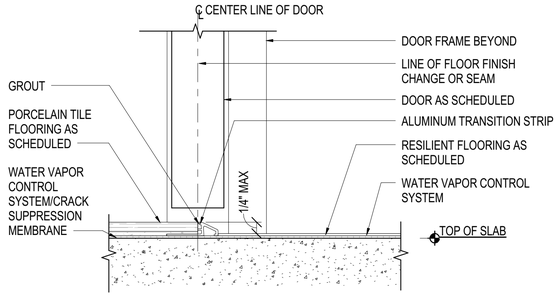
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FINISH PLAN - AREA B

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794339
SHEET 120 OF 228

I-612

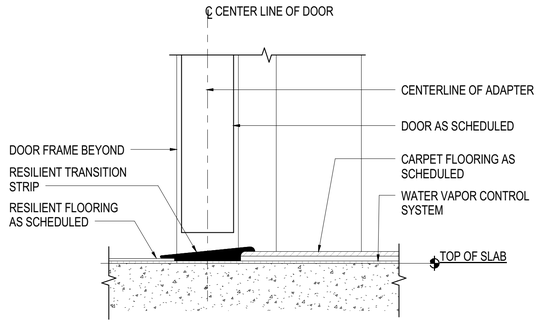
DRAWFORM REVISION: 17 APRIL 2018

C:\e\2016\16196\13-A-CENTRAL_P-1395 MARINE HQ_SNJ\TTALL.rvt
6/25/2020 12:15:52 PM



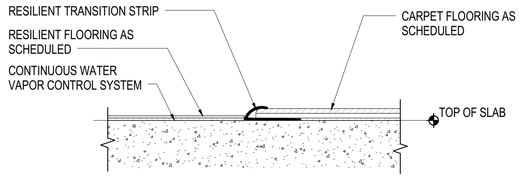
D1 THRESHOLD - PORCELAIN TILE TO RESILIENT

SCALE: 6" = 1'-0"



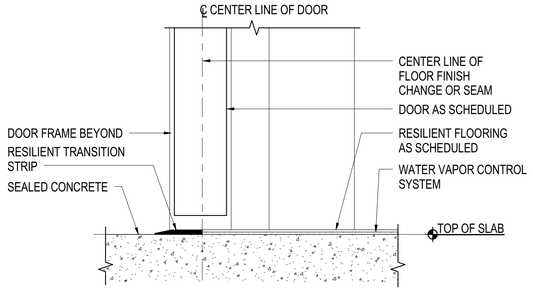
D4 THRESHOLD - RESILIENT TO CARPET

SCALE: 6" = 1'-0"



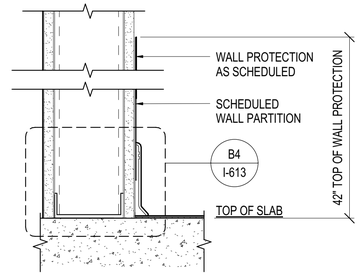
C1 THRESHOLD - RESILIENT TO CARPET

SCALE: 6" = 1'-0"



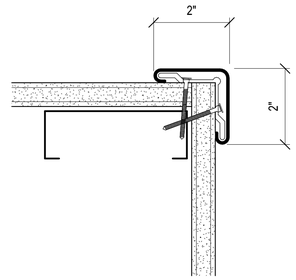
C2 THRESHOLD - SEALED CONCRETE TO RESILIENT

SCALE: 6" = 1'-0"



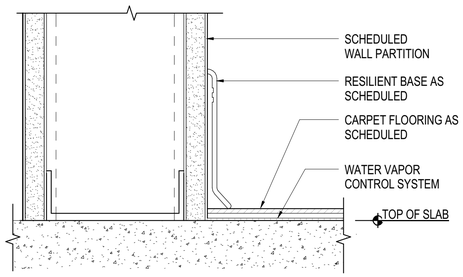
C4 WALL PROTECTION SECTION

SCALE: 3" = 1'-0"



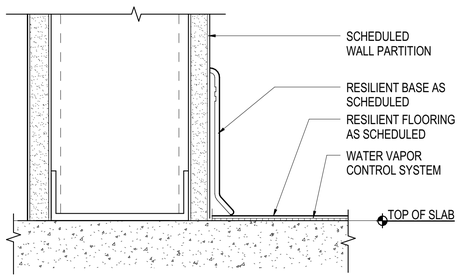
C5 CORNER GUARD DETAIL

SCALE: 6" = 1'-0"



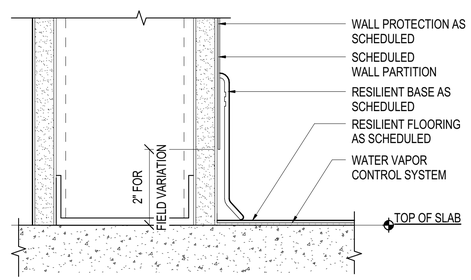
B1 CARPET TO RESILIENT BASE (TOE BASE)

SCALE: 6" = 1'-0"



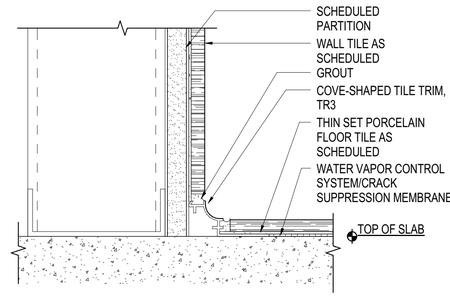
B2 RESILIENT FLOORING TO RESILIENT BASE (TOE BASE)

SCALE: 6" = 1'-0"



B4 RESILIENT FLOORING TO RESILIENT BASE W/ WALL PROTECTION (TOE BASE)

SCALE: 6" = 1'-0" (I-613)



B5 TILE BASE DETAIL

SCALE: 6" = 1'-0"

3" = 1'-0" 0' 3" 6" 9"

6" = 1'-0" 0" 1 1/2" 3" 6"

440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/CM	SGL/RMS
BRANCH MANAGER	DJD
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
INTERIOR DETAILS

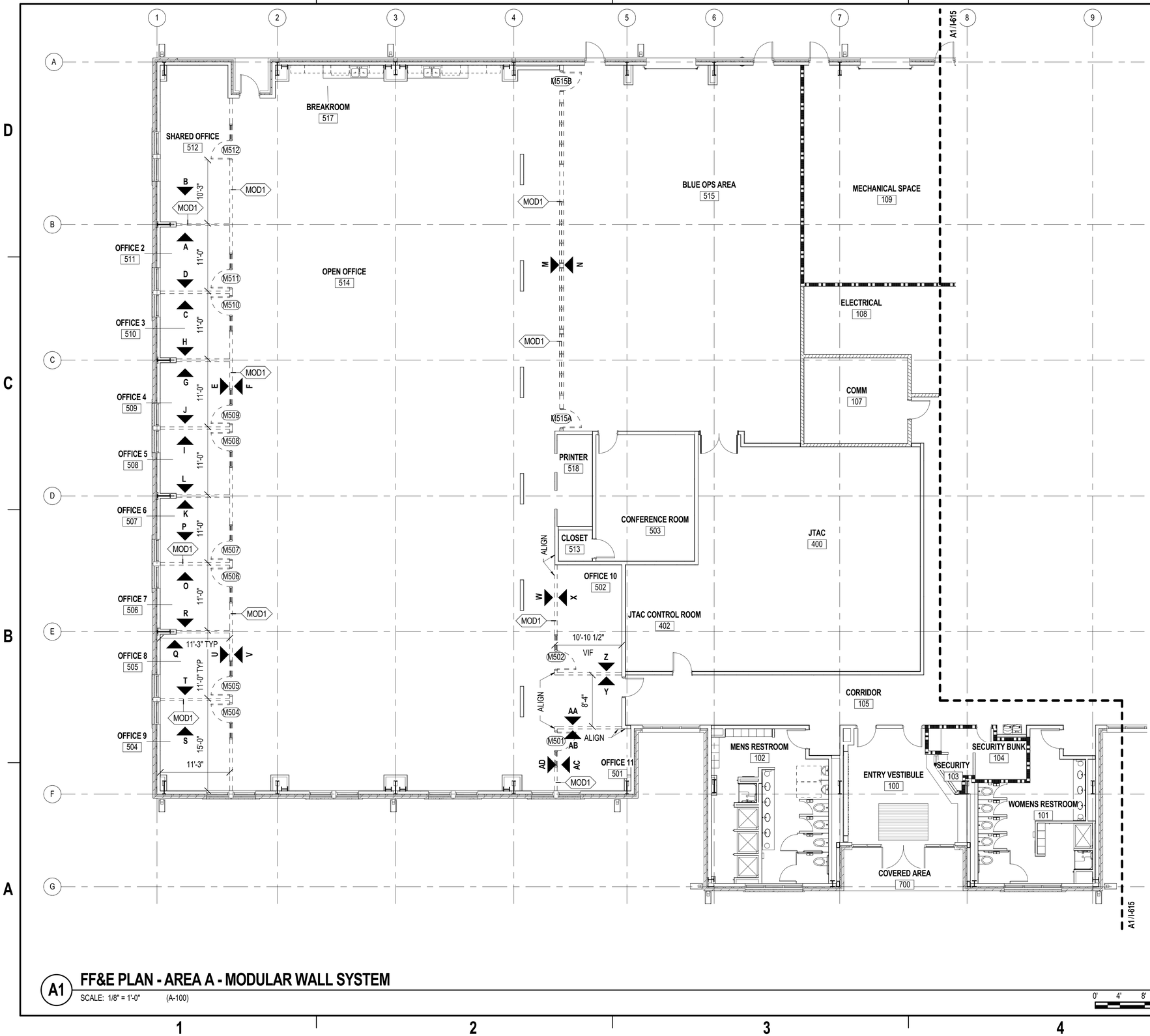
SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794340
SHEET	121 OF 228

I-613

DRAWFORM REVISION: 17 APRIL 2018

SYM	DESCRIPTION	DATE	APPR

C:\e420161101\36013-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:52 PM



A1 FF&E PLAN - AREA A - MODULAR WALL SYSTEM

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

GENERAL NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
6. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION. COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED. COORDINATE WITH MODULAR WALL MANUFACTURER ALL REQUIRED/REQUESTED DATA AND ELECTRICAL RECEPTACLES. MODULAR WALL MANUFACTURER TO PROVIDE FLAT PANEL MOUNTING HARDWARE, COORDINATE WITH A/V DRAWINGS FOR LOCATIONS.
7. MODULAR WALL FINISHES TO BE SELECTED FROM MANUFACTURER STANDARDS. ENSURE COLORS/TEXTURES COORDINATE AS CLOSELY AS POSSIBLE WITH THE FINISH SELECTIONS FOR ADJACENT CONVENTIONAL WALLS.

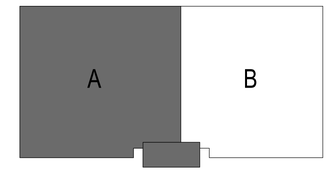
FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS.
XX	MODULAR WALL SYSTEM ELEVATION SYMBOL. SEE I-617 THRU I-620 FOR ELEVATIONS.

MODULAR WALL NOTES:

- TOTAL OF APPROXIMATELY 778 LINEAR FEET OF 9'-0" TALL DIRTT WALLS – WILL TIE INTO EXISTING CEILING
- ANODIZED ALUMINUM FINISH ON ALL FRAMING AND POSTS
- TYPICAL DEMISING WALLS OF OFFICES AND MEETING SPACES WILL HAVE STACKED PAINTED MDF TILES (*DIRTT GRADE 1 OFFERING*) AND WRITE AWAY TILES IN CENTER OF ONE WALL
- SURFACE MOUNTED TV'S WHERE SHOWN ON DRAWINGS; WALL MOUNTED TELEVISIONS INCLUDE SURFACE MOUNTING BRACKETS AND EXTENSION ARMS FOR VERTICAL ADJUSTABILITY *"TV'S BY OTHERS*
- ALL SOLID WALLS WILL HAVE DOUBLE INSULATION FOR HIGHER STC RATING
- TYPICAL FRONTS WILL HAVE PAINTED MDF TILES (*DIRTT GRADE 1 OFFERING*) WITH CLERESTORY AND FULL HEIGHT GLASS SIDELIGHT
- (1) LARGE MAIN CONFERENCE ROOM WILL HAVE DOUBLE GLAZED (EVIL TWIN) SYSTEM FOR HIGHER STC RATING AND APPLIED FILM FOR PRIVACY
- (32) SOLID VENEER (*DIRTT GRADE 2 OFFERING)* BUTT HINGE DOORS WITH DROP SEAL AND STANDARD DIRTT HARDWARE
- WALL POWER:
- PRE-MOUNTED MOUNTING BRACKETS AND MODULAR BACK BOXES
- TRIM RINGS AND FACEPLATES
- POWER FEED WHIPS TO ACCOMMODATE THE NUMBER OF OUTLETS
- PRE-WIRED 20 AMP RECEPTACLES
- **ALL DATA DEVICES AND WIRING IS BY OTHERS*
- **ALL POWER CONNECTIONS IN THE FIELD ARE BY OTHERS*
- **CUTOUTS AND BACK BOXES WILL BE SUPPLIED FOR LIGHT SWITCHES (WIRING/ DEVICE BY OTHERS)*

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUPINO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

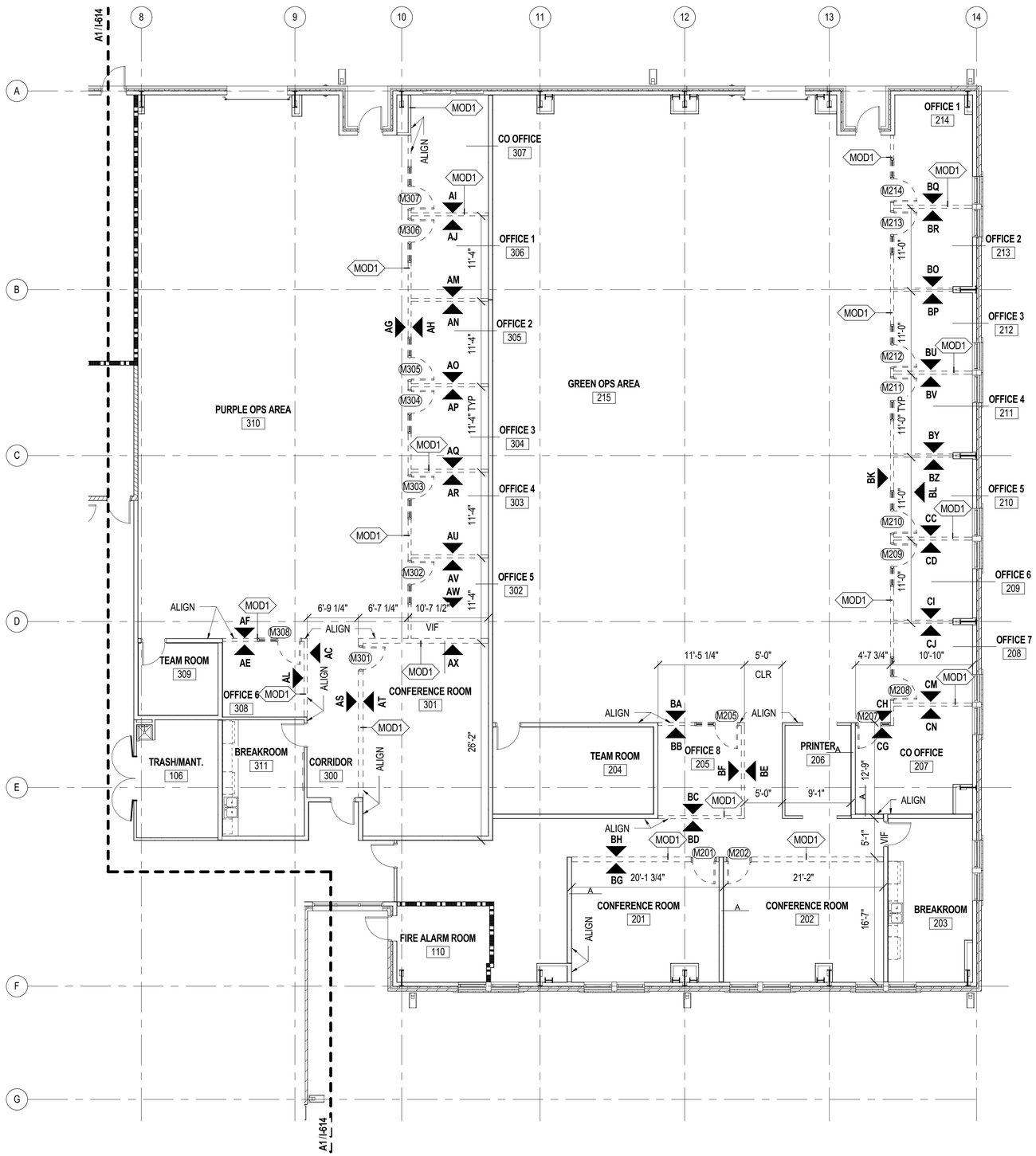
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FF&E PLAN - AREA A - MODULAR WALL SYSTEM

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794341
SHEET 122 OF 228
I-614

DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\20181013\8613-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:54 PM



A1 FF&E PLAN - AREA B - MODULAR WALL SYSTEM

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

GENERAL NOTES

1. REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION OF INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED.DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS.
2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION. NOT ALL GRID LINES ARE CENTER.
3. ALL DIMENSIONS ARE TO COLUMN GRIDLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
4. ALL DOOR FRAMES ARE TO BE INSTALLED 4" AWAY FROM ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
5. COORDINATE ALL REQUIRED CONDUIT, PIPING, AND CHASES FOR ALL GOVERNMENT FURNISHED, GOVERNMENT INSTALLED EQUIPMENT.
6. SEE A/V DRAWINGS FOR ALL EQUIPMENT INFORMATION, COORDINATE WITH ELECTRICAL AND COMM DRAWINGS. PROVIDE BLOCKING OR BACK PLATING AT ALL WALL MOUNTED MONITORS AND PROVIDE SUPPORTS FOR ALL CEILING MOUNTED EQUIPMENT AS REQUIRED. COORDINATE WITH MODULAR WALL MANUFACTURER ALL REQUIRED/REQUESTED DATA AND ELECTRICAL RECEPTACLES. MODULAR WALL MANUFACTURER TO PROVIDE FLAT PANEL MOUNTING HARDWARE, COORDINATE WITH A/V DRAWINGS FOR LOCATIONS.
7. MODULAR WALL FINISHES TO BE SELECTED FROM MANUFACTURER STANDARDS. ENSURE COLORS/TEXTURES COORDINATE AS CLOSELY AS POSSIBLE WITH THE FINISH SELECTIONS FOR ADJACENT CONVENTIONAL WALLS.

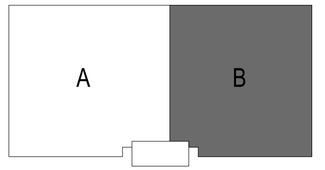
FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS.
XX	MODULAR WALL SYSTEM ELEVATION SYMBOL. SEE I-617 THRU I-620 FOR ELEVATIONS.

MODULAR WALL NOTES:

- TOTAL OF APPROXIMATELY 778 LINEAR FEET OF 9'-0" TALL DIRTT WALLS – WILL TIE INTO EXISTING CEILING
- ANODIZED ALUMINUM FINISH ON ALL FRAMING AND POSTS
- TYPICAL DEMISING WALLS OF OFFICES AND MEETING SPACES WILL HAVE STACKED PAINTED MDF TILES (*DIRTT GRADE 1 OFFERING*) AND WRITE AWAY TILES IN CENTER OF ONE WALL
- SURFACE MOUNTED TV'S WHERE SHOWN ON DRAWINGS; WALL MOUNTED TELEVISIONS INCLUDE SURFACE MOUNTING BRACKETS AND EXTENSION ARMS FOR VERTICAL ADJUSTABILITY **TV'S BY OTHERS*
- ALL SOLID WALLS WILL HAVE DOUBLE INSULATION FOR HIGHER STC RATING
- TYPICAL FRONTS WILL HAVE PAINTED MDF TILES (*DIRTT GRADE 1 OFFERING*) WITH CLERESTORY AND FULL HEIGHT GLASS SIDELIGHT
- (1) LARGE MAIN CONFERENCE ROOM WILL HAVE DOUBLE GLAZED (EVIL TWIN) SYSTEM FOR HIGHER STC RATING AND APPLIED FILM FOR PRIVACY
- (32) SOLID VENEER (*DIRTT GRADE 2 OFFERING*) BUTT HINGE DOORS WITH DROP SEAL AND STANDARD DIRTT HARDWARE
- WALL POWER:
- PRE-MOUNTED MOUNTING BRACKETS AND MODULAR BACK BOXES
- TRIM RINGS AND FACEPLATES
- POWER FEED WHIPS TO ACCOMMODATE THE NUMBER OF OUTLETS
- PRE-WIRED 20 AMP RECEPTACLES
- **ALL DATA DEVICES AND WIRING IS BY OTHERS*
- **ALL POWER CONNECTIONS IN THE FIELD ARE BY OTHERS*
- **CUTOUTS AND BACK BOXES WILL BE SUPPLIED FOR LIGHT SWITCHES (WIRING/ DEVICE BY OTHERS)*

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUMO REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 2/22/2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FF&E PLAN - AREA B - MODULAR WALL SYSTEM

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794342
SHEET	123 OF 228

I-615

DRAWFORM REVISION: 17 APRIL 2018

C:\n\420161\01\36913-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:55 PM

MODULAR WALL SYSTEM DOOR SCHEDULE

DOOR NO.	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	MODULAR WALL - DIRTT DOOR PANEL TYPE	MODULAR WALL - DIRTT DOOR FINISH	HW Set	REMARKS
M201	3'-0"	8'-10"	HD40 BHF7	WD	10.0	
M202	3'-0"	8'-10"	HD41 BHF8	WD	10.0	
M205	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M207	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M208	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M209	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M210	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M211	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M212	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M213	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M214	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M301	3'-0"	8'-10"	HD40 BHF7	WD	10.0	
M302	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M303	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M304	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M305	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M306	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M307	3'-0"	8'-10"	HD41 BHF8	WD	9.0	
M308	3'-0"	8'-10"	HD40 BHF7	WD	9.0	
M501	3'-0"	8'-10"	HD45 BHF7	WD	9.0	
M502	3'-0"	8'-10"	HD44 BHF8	WD	9.0	
M504	3'-0"	8'-10"	HD44 BHF8	WD	9.0	
M505	3'-0"	8'-10"	HD45 BHF7	WD	9.0	
M506	3'-0"	8'-10"	HD44 BHF8	WD	9.0	
M507	3'-0"	8'-10"	HD45 BHF7	WD	9.0	
M508	3'-0"	8'-10"	HD44 BHF8	WD	9.0	
M509	3'-0"	8'-10"	HD45 BHF7	WD	9.0	
M510	3'-0"	8'-10"	HD44 BHF8	WD	9.0	
M511	3'-0"	8'-10"	HD45 BHF7	WD	9.0	
M512	3'-0"	8'-10"	HD45 BHF7	WD	9.0	
M515A	3'-0"	8'-10"	HD44 BHF8	WD	7.0	
M515B	3'-0"	8'-10"	HD45 BHF7	WD	7.0	

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
Jason E. Dooley, P.A.

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE Cr.
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

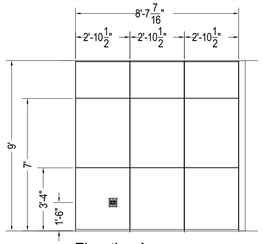
MODULAR WALL SYSTEM DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794343
SHEET 124 OF 228

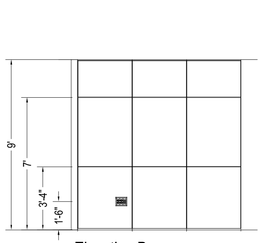
I-616

DRAWFORM REVISION: 17 APRIL 2018

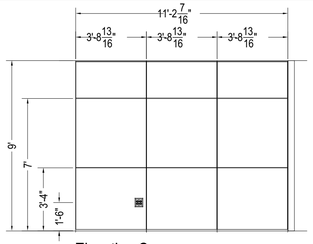
C:\n\r020181013608\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:55 PM



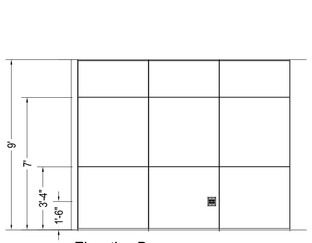
Elevation A



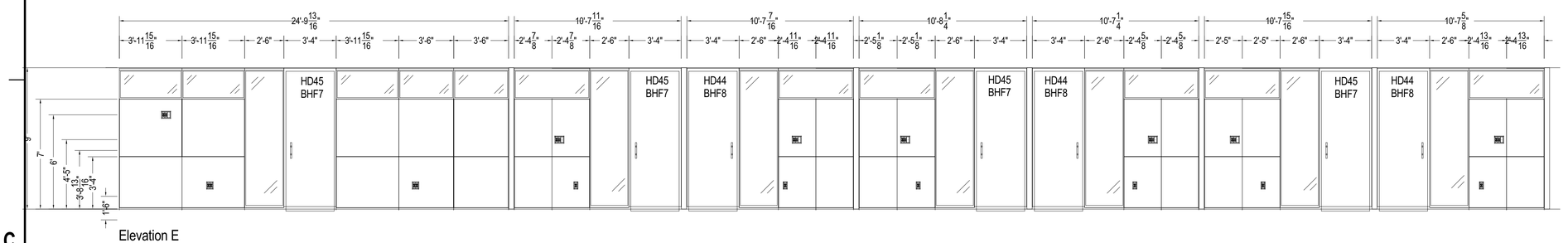
Elevation B



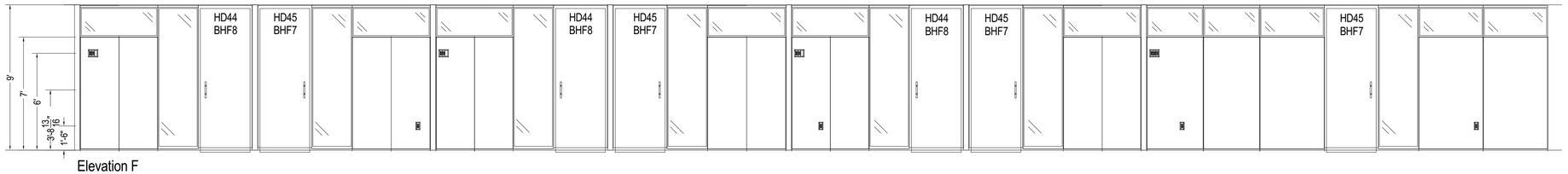
Elevation C



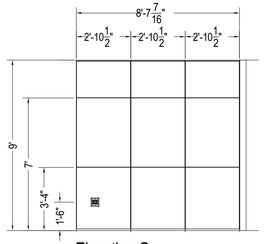
Elevation D



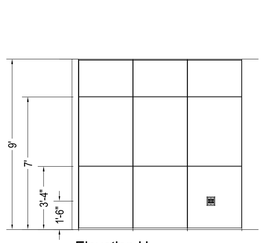
Elevation E



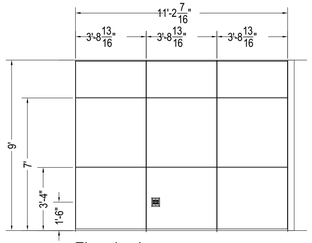
Elevation F



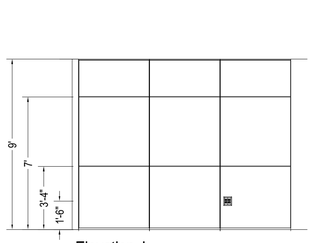
Elevation G



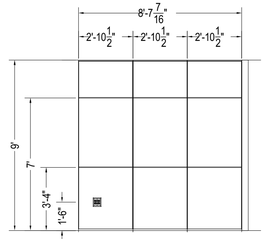
Elevation H



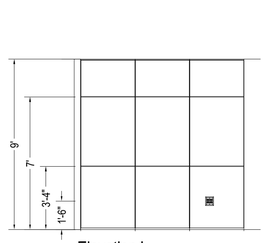
Elevation I



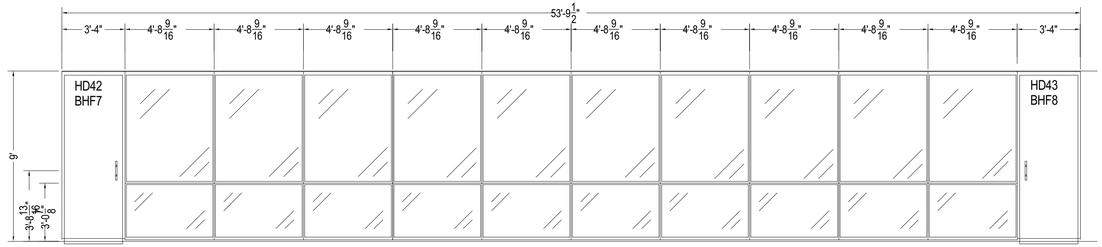
Elevation J



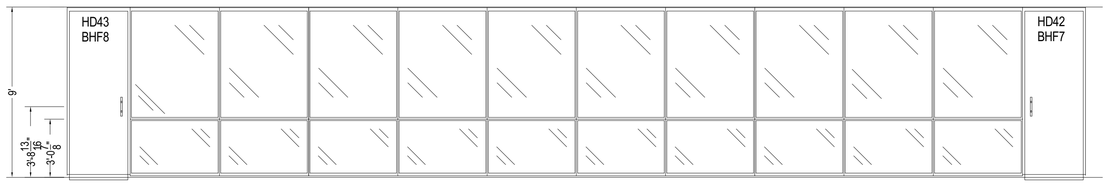
Elevation K



Elevation L



Elevation M



Elevation N

NOTE: ELEVATIONS PROVIDED TO HDR FROM DIRTT. THEY ARE FOR REFERENCE ONLY. FURNITURE DEALER RESPONSIBLE FOR VERIFYING ALL CONTENT.

0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMV SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PMDM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

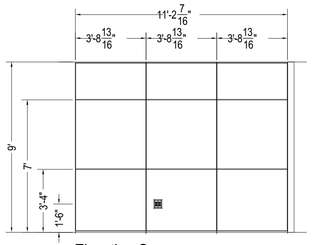
MODULAR WALL SYSTEM ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794344
SHEET 125 OF 228

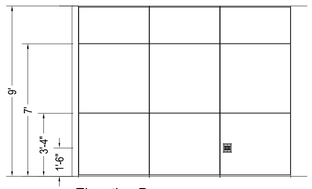
I-617

DRAWFORM REVISION: 17 APRIL 2018

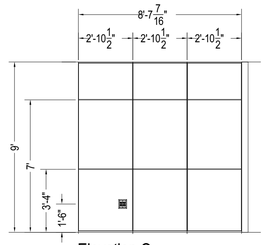
C:\n420\161\01360\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:56 PM



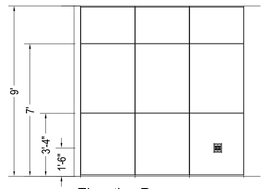
Elevation O



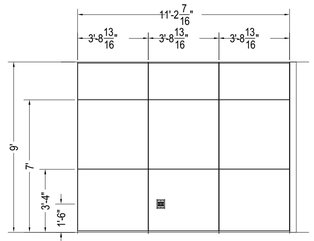
Elevation P



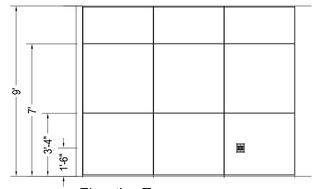
Elevation Q



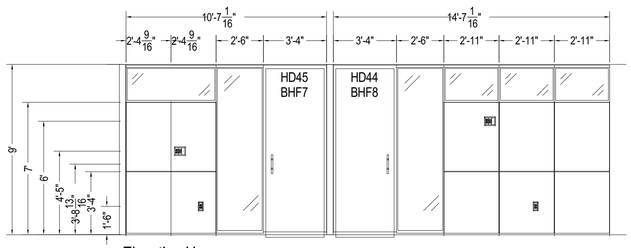
Elevation R



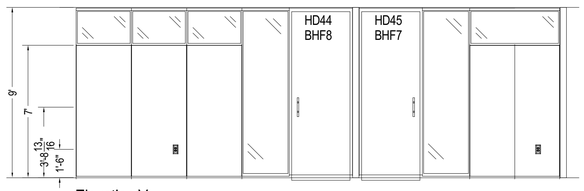
Elevation S



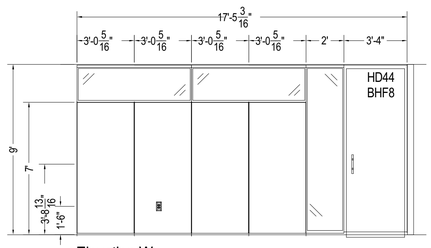
Elevation T



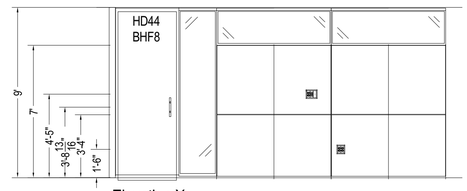
Elevation U



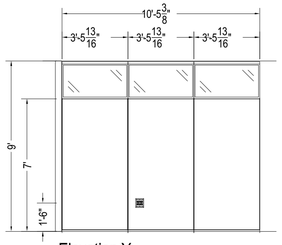
Elevation V



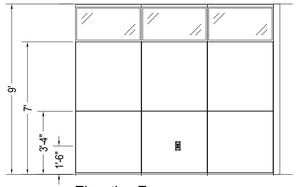
Elevation W



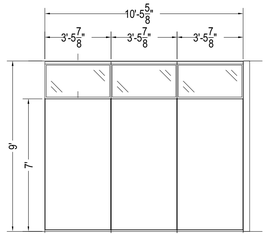
Elevation X



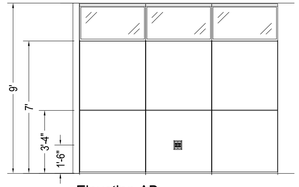
Elevation Y



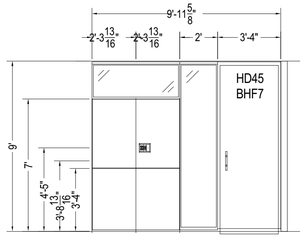
Elevation Z



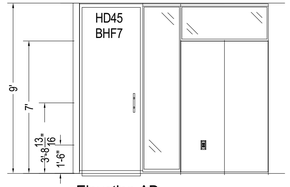
Elevation AA



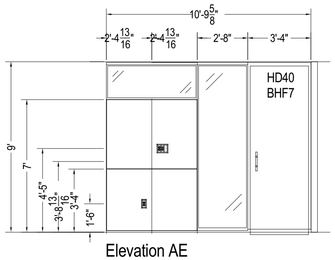
Elevation AB



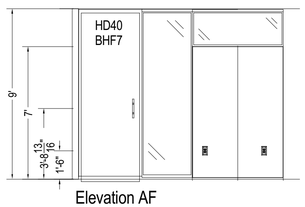
Elevation AC



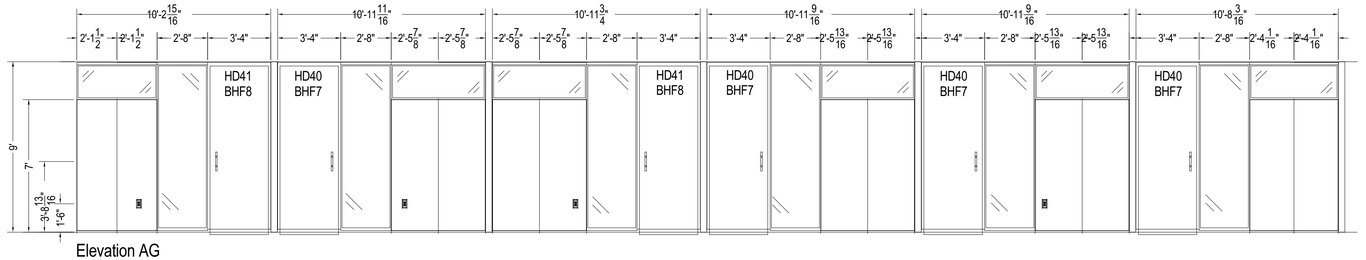
Elevation AD



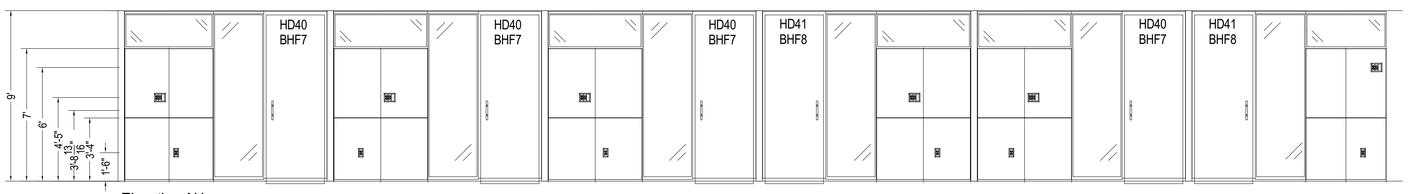
Elevation AE



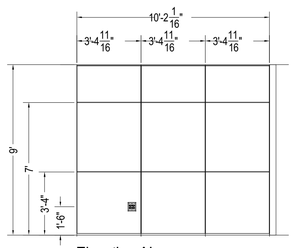
Elevation AF



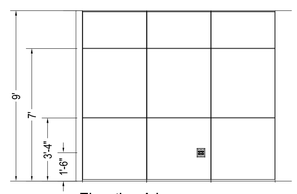
Elevation AG



Elevation AH



Elevation AI



Elevation AJ

NOTE: ELEVATIONS PROVIDED TO HDR FROM DIRTT. THEY ARE FOR REFERENCE ONLY. FURNITURE DEALER RESPONSIBLE FOR VERIFYING ALL CONTENT.

0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMV SUNG — REGISTERED ARCHITECT — 12960 — NORTH CAROLINA — CHARLOTTE, NORTH CAROLINA — 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO.

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY:
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

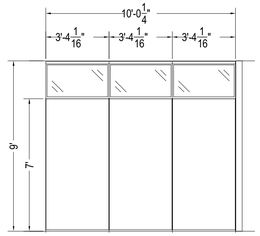
MODULAR WALL SYSTEM ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794345
SHEET 126 OF 228

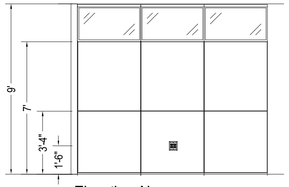
I-618

DRAWFORM REVISION: 17 APRIL 2018

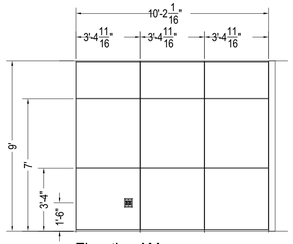
C:\n420\161\01360\3-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:56 PM



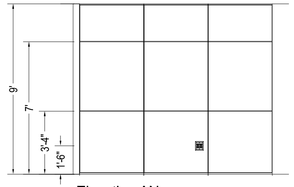
Elevation AK



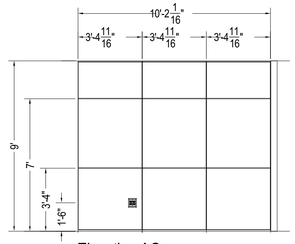
Elevation AL



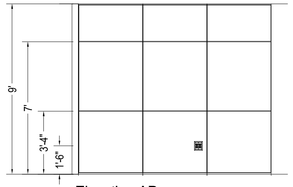
Elevation AM



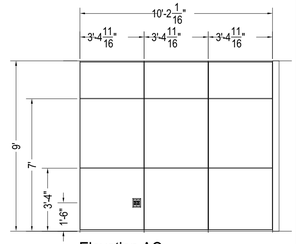
Elevation AN



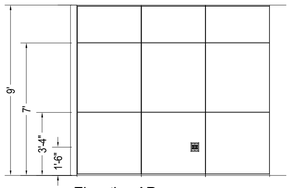
Elevation AO



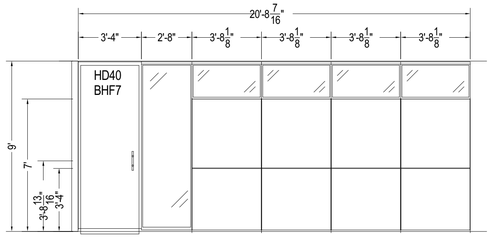
Elevation AP



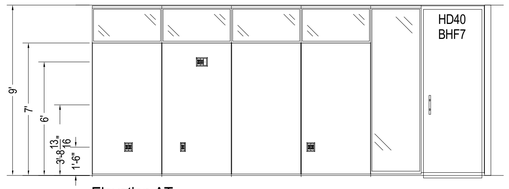
Elevation AQ



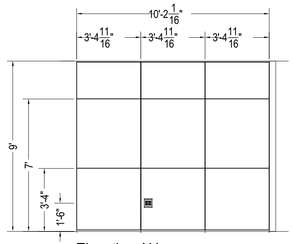
Elevation AR



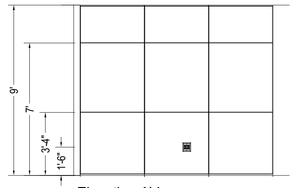
Elevation AS



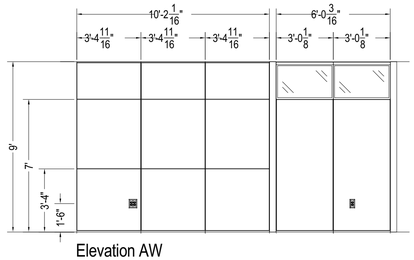
Elevation AT



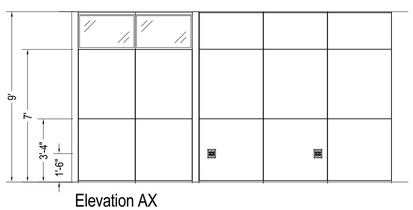
Elevation AU



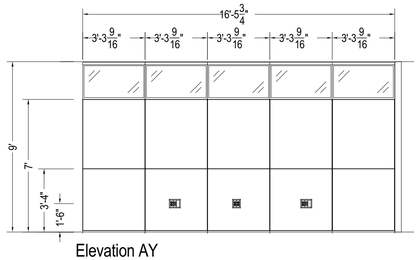
Elevation AV



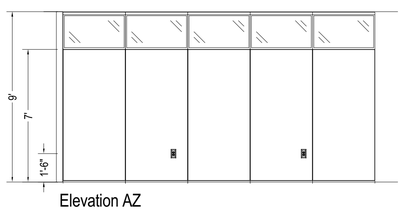
Elevation AW



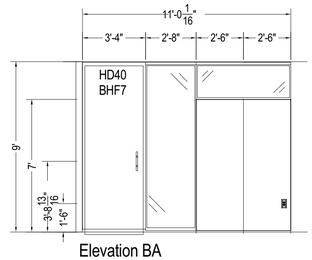
Elevation AX



Elevation AY
- NOT USED

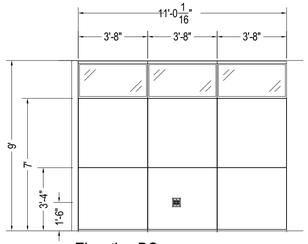


Elevation AZ
- NOT USED

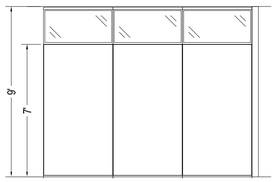


Elevation BA

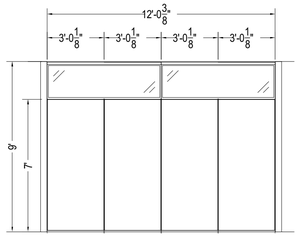
Elevation BB



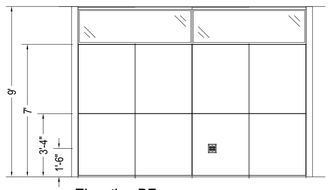
Elevation BC



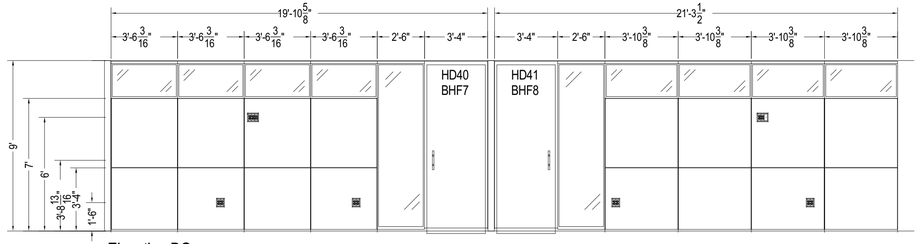
Elevation BD



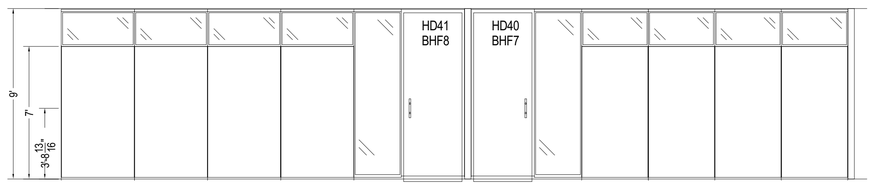
Elevation BE



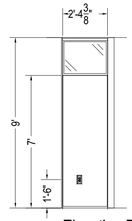
Elevation BF



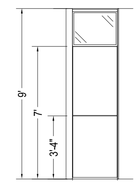
Elevation BG



Elevation BH



Elevation BI
- NOT USED



Elevation BJ
- NOT USED

NOTE: ELEVATIONS PROVIDED TO HDR FROM DIRTT. THEY ARE FOR REFERENCE ONLY. FURNITURE DEALER RESPONSIBLE FOR VERIFYING ALL CONTENT.

0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAMV SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020
SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

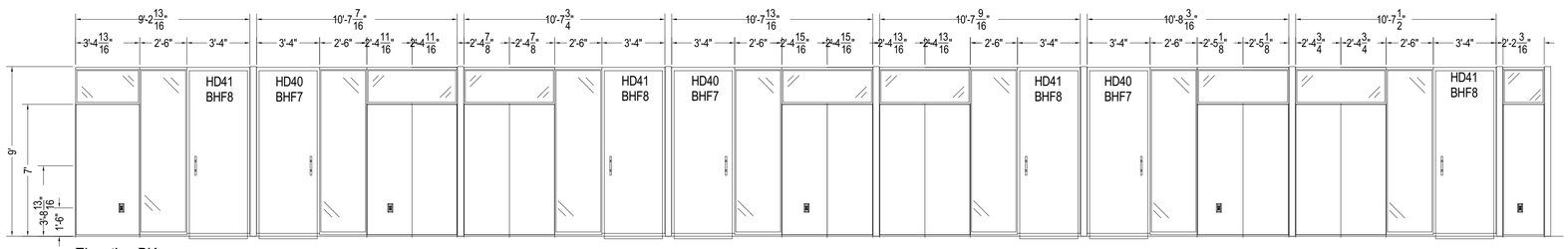
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
MODULAR WALL SYSTEM ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794346
SHEET 127 OF 228

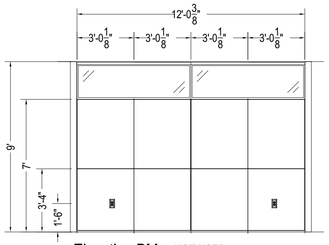
I-619

DRAWFORM REVISION: 17 APRIL 2018

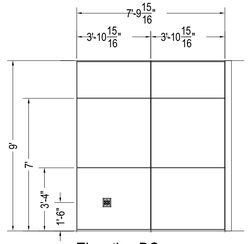
C:\n\d2016\1603164\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:57 PM



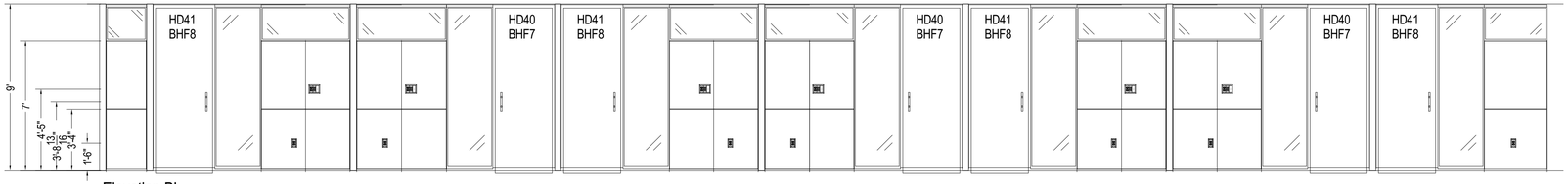
Elevation BK



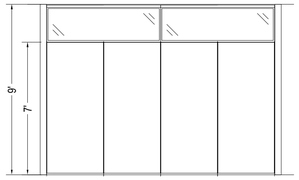
Elevation BM - NOT USED



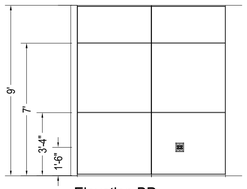
Elevation BO



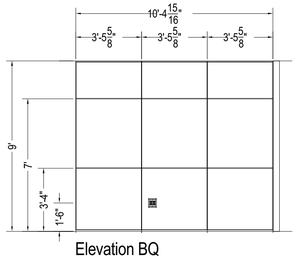
Elevation BL



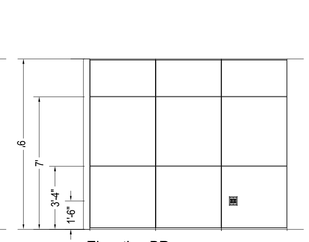
Elevation BN
- NOT USED



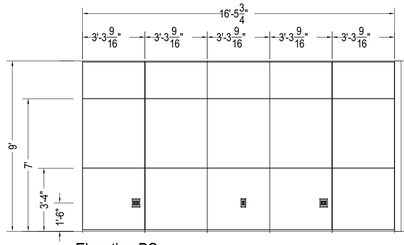
Elevation BP



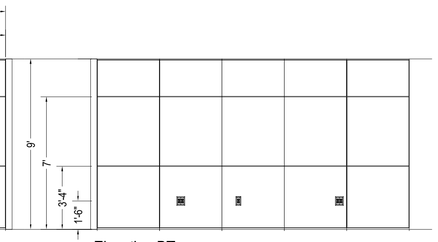
Elevation BQ



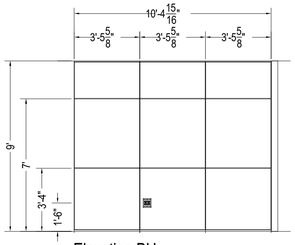
Elevation BR



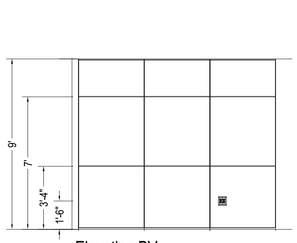
Elevation BS
- NOT USED



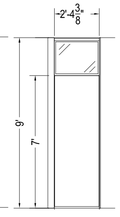
Elevation BT



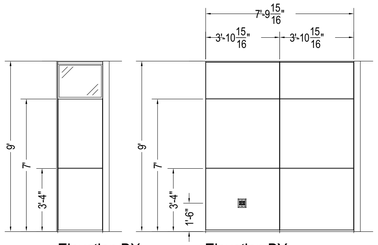
Elevation BU



Elevation BV

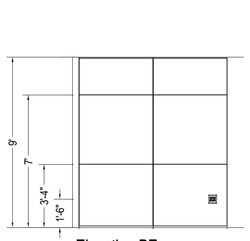


Elevation BW
- NOT USED

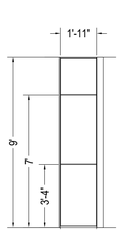


Elevation BX
- NOT USED

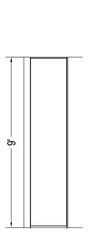
Elevation BY



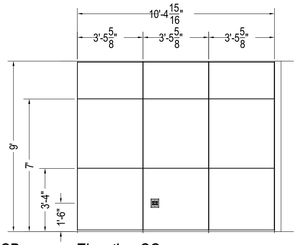
Elevation BZ



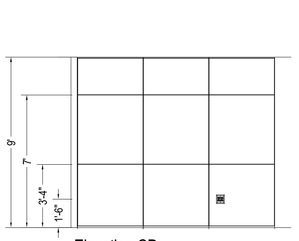
Elevation CA
- NOT USED



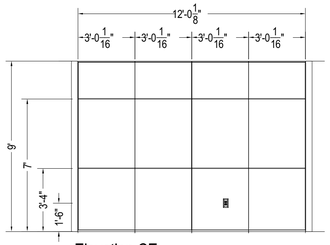
Elevation CB
- NOT USED



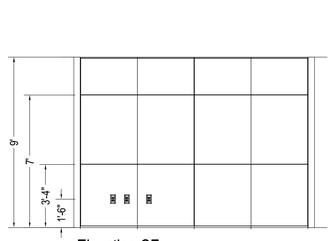
Elevation CC



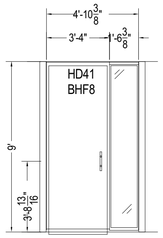
Elevation CD



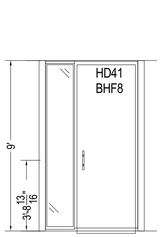
Elevation CE
- NOT USED



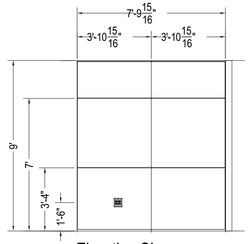
Elevation CF
- NOT USED



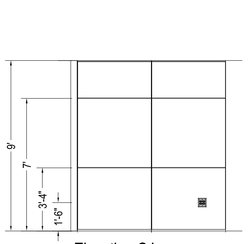
Elevation CG



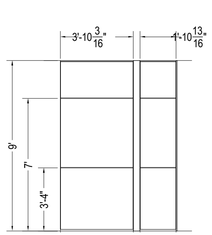
Elevation CH



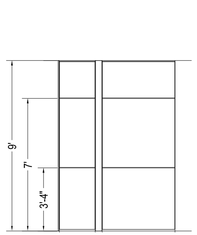
Elevation CI



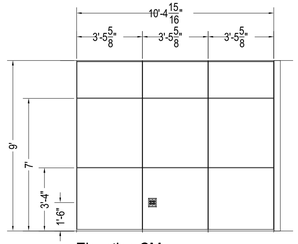
Elevation CJ



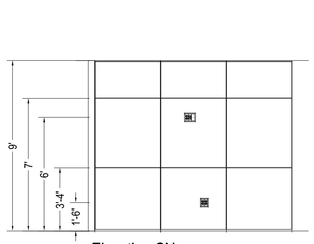
Elevation CK
- NOT USED



Elevation CL
- NOT USED



Elevation CM



Elevation CN

NOTE: ELEVATIONS PROVIDED TO HDR FROM DIRTT. THEY ARE FOR REFERENCE ONLY. FURNITURE DEALER RESPONSIBLE FOR VERIFYING ALL CONTENT.

0' 2' 4' 8'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VAM SUNG REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/DM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

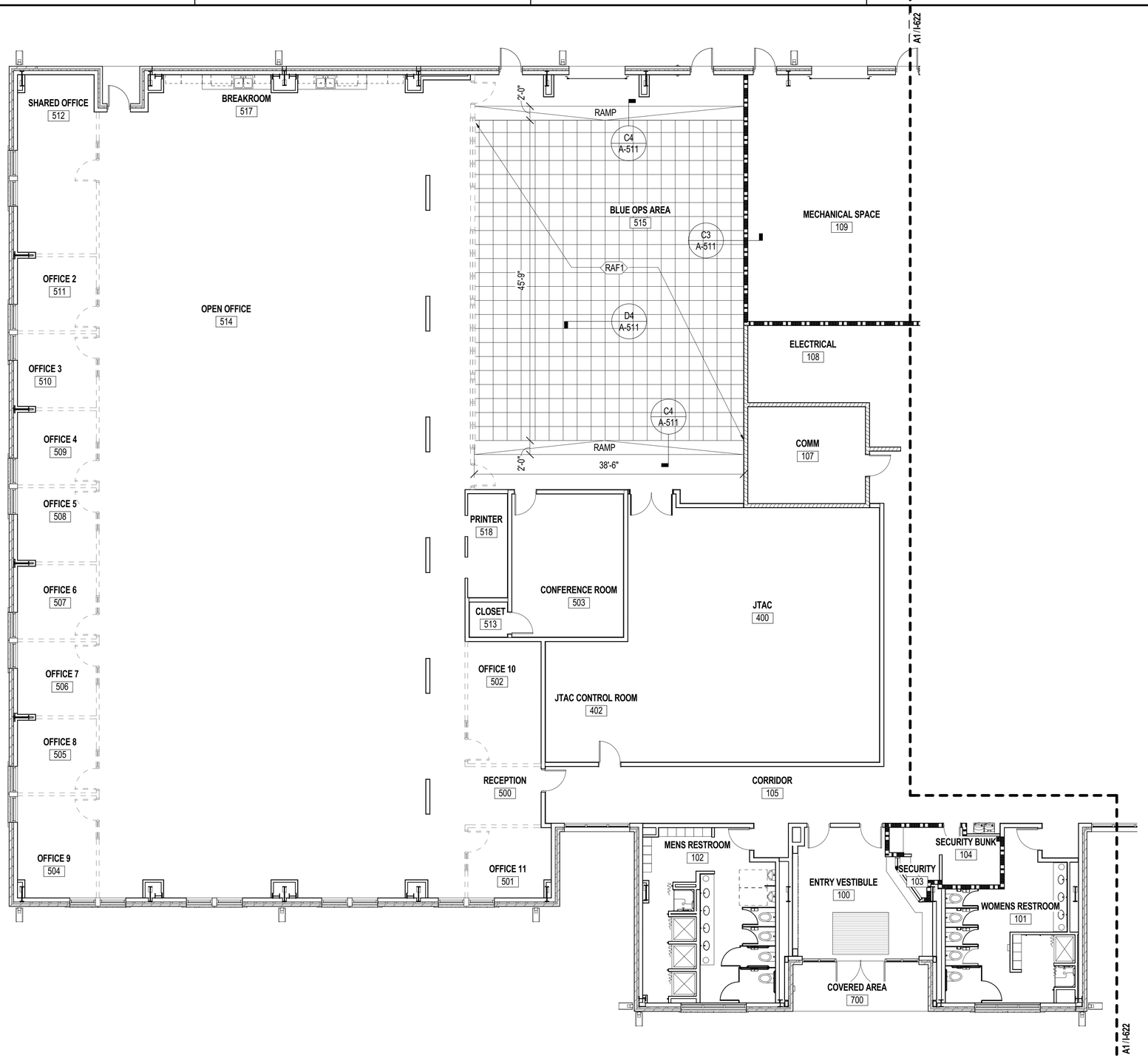
MODULAR WALL SYSTEM ELEVATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 1279347
SHEET 128 OF 228

I-620

DRAWFORM REVISION: 17 APRIL 2018

C:\n420\16\01\36813-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:57 PM



A1 COLLATERAL EQUIPMENT PLAN - AREA A - RAISED ACCESS FLOOR

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

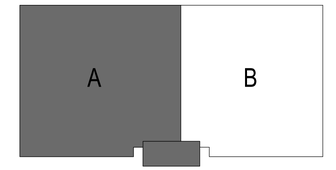
FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620
	RAISED ACCESS FLOORING
RAF1	RAISED ACCESS FLOORING CALL OUT

GENERAL NOTES

1. RAF1 = FREEAXEZ GRIDD40 SERIES. 1.6" HIGH, WITH 24" STRAIGHT RAMPS.
2. REFER TO SPEC SECTION 09 69 13 LOW PROFILE CABLE MANT ACCESS FLOORING FOR MORE INFORMATION

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO.

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK
PM/DM	SGL/RMS				
BRANCH MANAGER	DJD				
CHIEF ENG/ARCH	EJA				
FIRE PROTECTION					

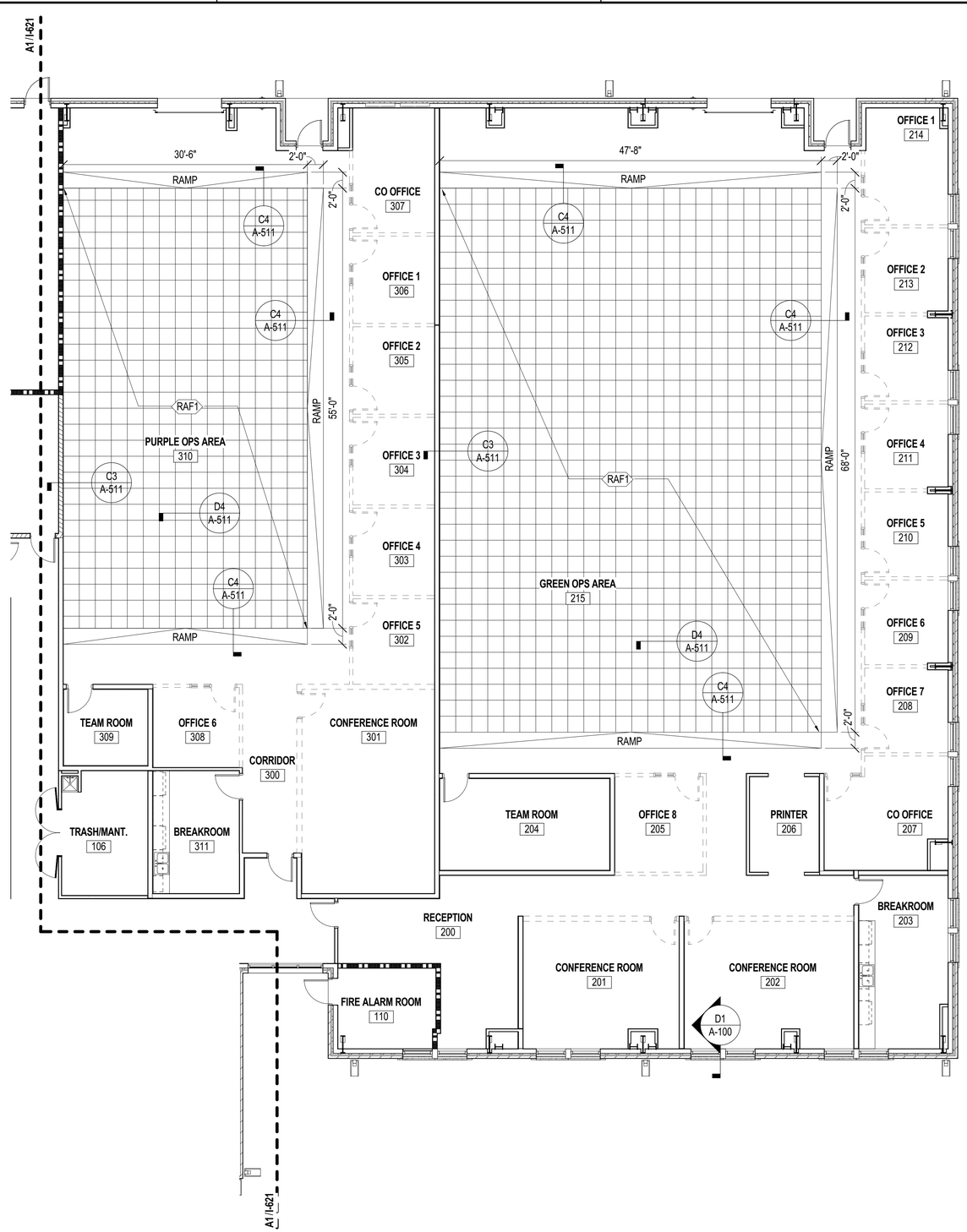
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
COLLATERAL EQUIPMENT PLAN - AREA A - RAISED ACCESS FLOOR

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794348
SHEET 129 OF 228

I-621

DRAWFORM REVISION: 17 APRIL 2018

C:\n420161603613-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:15:59 PM



A1 COLLATERAL EQUIPMENT PLAN - AREA B - RAISED ACCESS FLOOR

SCALE: 1/8" = 1'-0" (A-100)

0' 4' 8' 16'

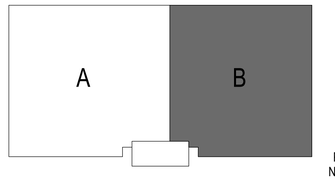
FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620
	RAISED ACCESS FLOORING
RAF1	RAISED ACCESS FLOORING CALL OUT

GENERAL NOTES

1. RAF1 = FREEAXEZ GRIDD40 SERIES. 1.6" HIGH, WITH 24" STRAIGHT RAMPS.
2. REFER TO SPEC SECTION 09 69 13 LOW PROFILE CABLE MANT ACCESS FLOORING FOR MORE INFORMATION

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON REGISTERED ARCHITECT 12960 NORTH CAROLINA CHARLOTTE, NORTH CAROLINA 6/22/2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
James E. Hughes, P.E.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE	06/19/2020		
DES	AVS	DRW KLC	CHK ZNK
PM/DM	SGL/RMS		
BRANCH MANAGER	DJD		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION			

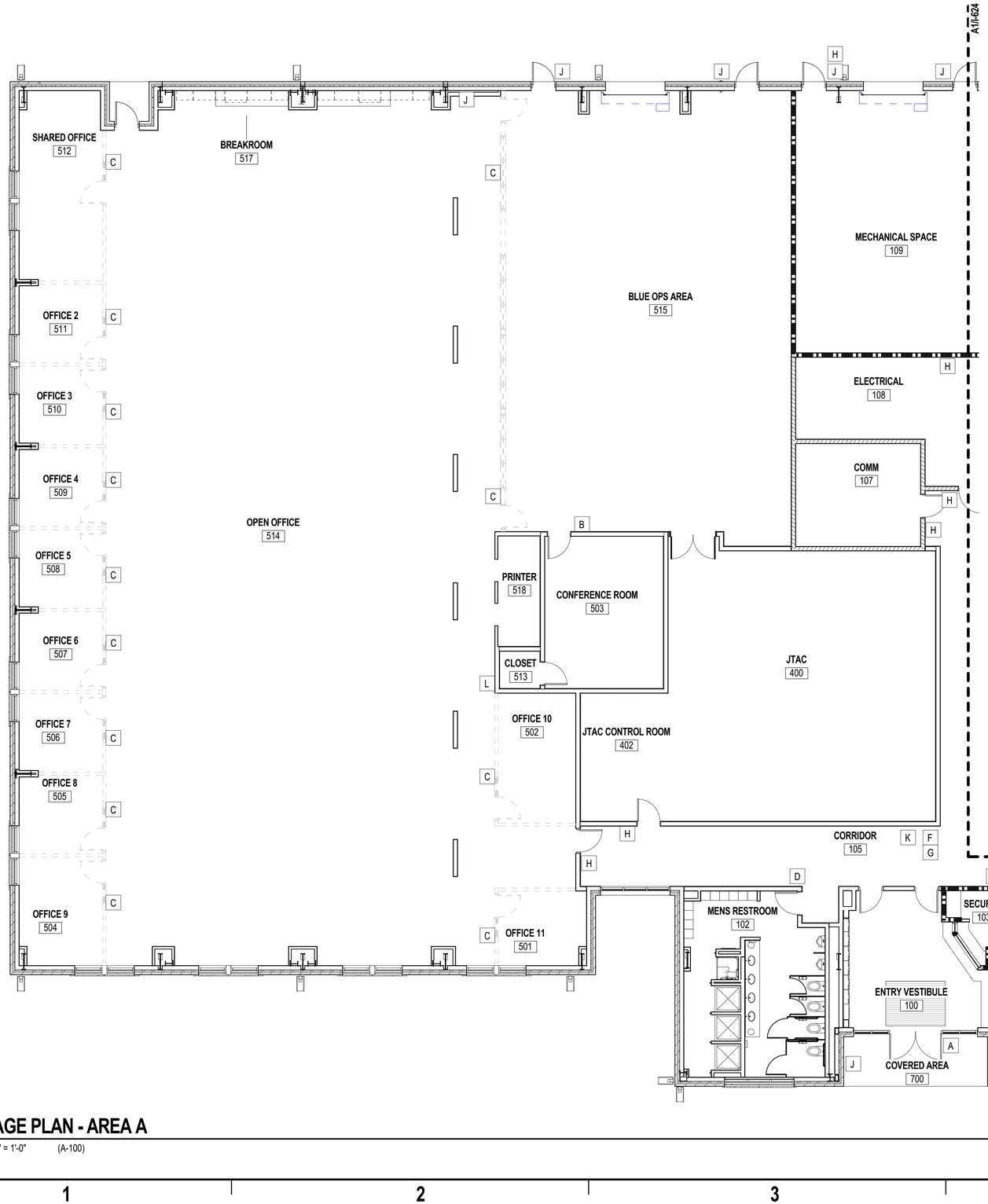
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
MIDLANT CORE CI
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
COLLATERAL EQUIPMENT PLAN - AREA B - RAISED ACCESS FLOOR

SCALE:	AS NOTED
EPROJECT NO.:	1603164
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12794349
SHEET	130 OF 228

I-622

DRAWFORM REVISION: 17 APRIL 2018

C:\n\r020181013\B03\A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:16:00 PM



A1 SIGNAGE PLAN - AREA A

SCALE: 1/8" = 1'-0" (A-100)

SIGNAGE LEGEND

BUILDING AREAS A AND B

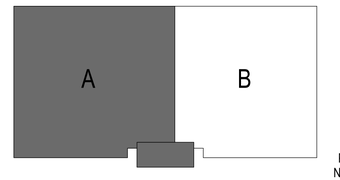
SIGN TYPE	DESCRIPTION	COUNT
A	A - ENTRANCE DOOR SIGN	1
B	B - CONFERENCE SIGN	4
C	C - OFFICE SIGN	34
D	D - MENS RESTROOM	1
E	E - WOMENS RESTROOM	1
F	F - DIRECTORY	2
G	G - DIRECTORY SIGN	1
H	H - ROOM SIGN	13
J	J - NO SMOKING SIGN	9
K	K - HVAC EMERGENCY SHUTOFF	1
L	L - EVACUATION SIGN	3

ALL SIGNAGE TO COMPLY WITH UFC 3-120-01

FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620
X	SIGNAGE CALL OUT. SEE ABOVE FOR LEGEND

KEY PLAN



PLAN NORTH

APPR	DATE	DESCRIPTION	SYM

NAVFAC

ALEXANDRIA VANN SUTTON
REGISTERED LANDSCAPE ARCHITECT
12960
NORTH CAROLINA
CHARLOTTE, NORTH CAROLINA
SEAL

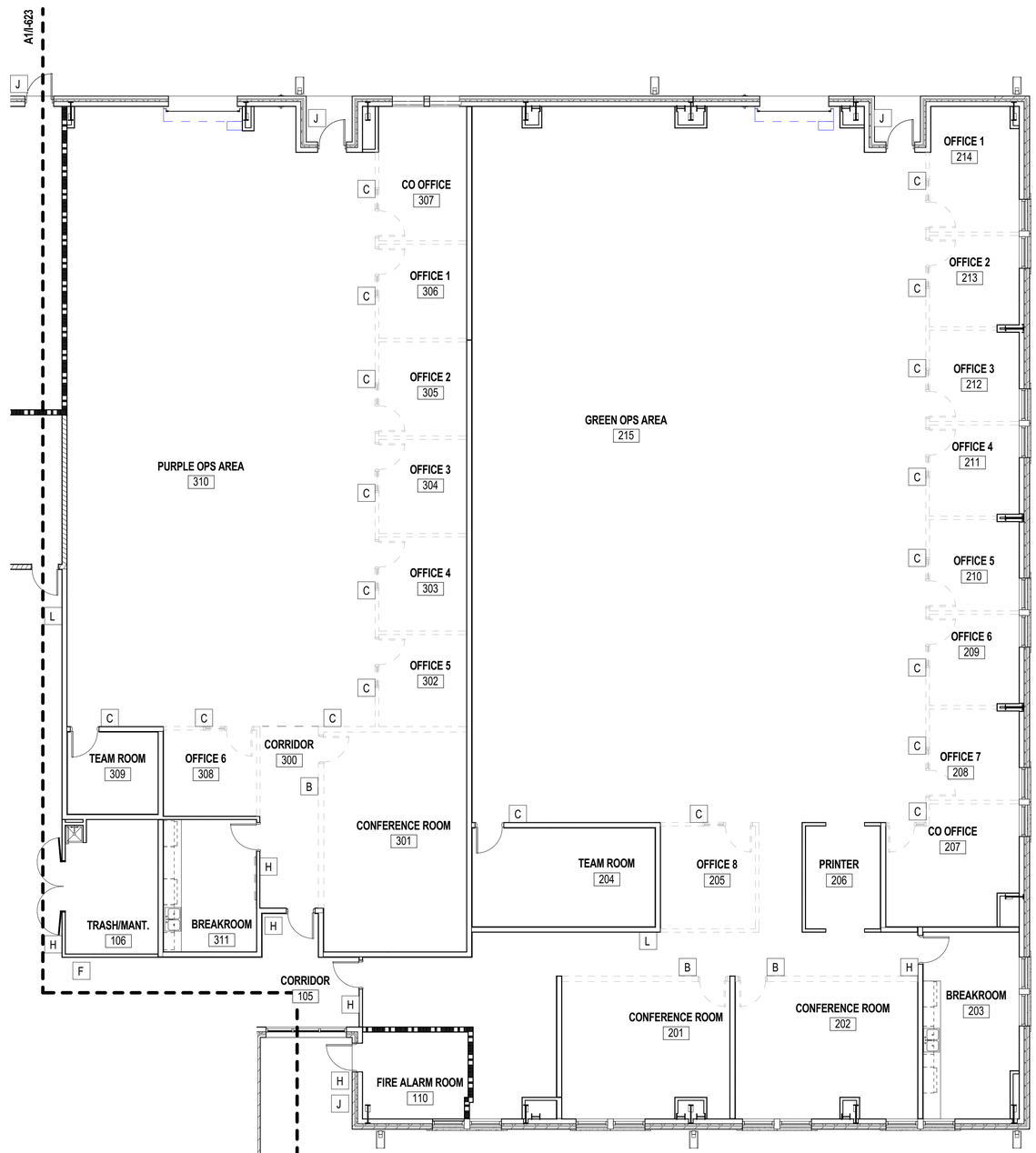
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AVS | DRW KLC | CHK ZNK
PMOM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
MIDLANT CORE CI
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
SIGNAGE PLAN - AREA A

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794350
SHEET 131 OF 228
I-623
DRAWFORM REVISION: 17 APRIL 2018

C:\e020161\01\36\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:16:02 PM



A1 SIGNAGE PLAN - AREA "B"

SCALE: 1/8" = 1'-0" (A-100)

0' 8' 16' 32'

SIGNAGE LEGEND

BUILDING AREAS A AND B

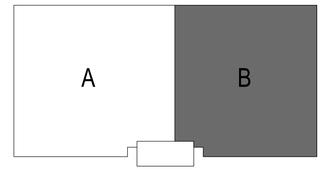
SIGN TYPE	DESCRIPTION	COUNT
A	A - ENTRANCE DOOR SIGN	1
B	B - CONFERENCE SIGN	4
C	C - OFFICE SIGN	34
D	D - MENS RESTROOM	1
E	E - WOMENS RESTROOM	1
F	F - DIRECTORY	2
G	G - DIRECTORY SIGN	1
H	H - ROOM SIGN	13
J	J - NO SMOKING SIGN	9
K	K - HVAC EMERGENCY SHUTOFF	1
L	L - EVACUATION SIGN	3

ALL SIGNAGE TO COMPLY WITH UFC 3-120-01

FLOOR PLAN LEGEND

	MODULAR SYSTEM: INCLUDING WALLS, DOORS AND WINDOWS. SEE SHEETS I-614 THRU I-620
X	SIGNAGE CALL OUT. SEE ABOVE FOR LEGEND

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PMDM SGL/RMS

BRANCH MANAGER DJD

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CORE CI
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

SIGNAGE PLAN - AREA B

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

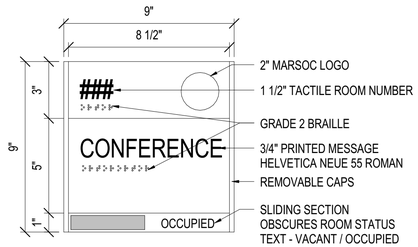
NAVFAC DRAWING NO.
12794351

SHEET 132 OF 228

I-624

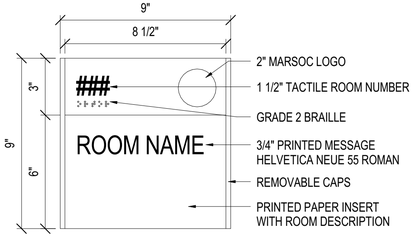
DRAWFORM REVISION: 17 APRIL 2018

C:\e420191019361613-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/22/2020 12:16:03 PM



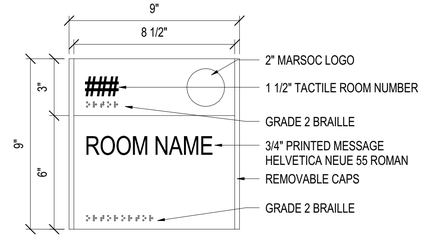
D1 TYPE B - CONFERENCE ROOM SIGN

SCALE: 3" = 1'-0"



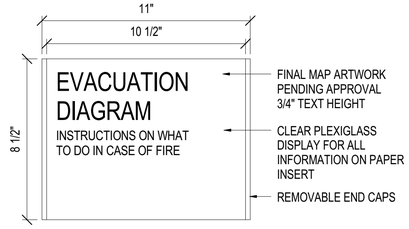
D2 TYPE C - OFFICE SIGN

SCALE: 3" = 1'-0"



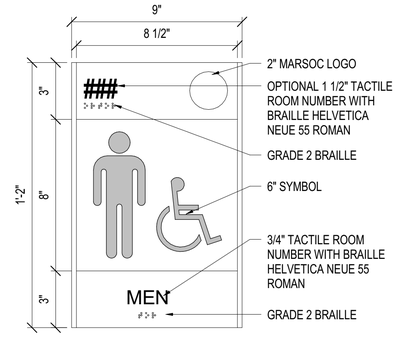
D3 TYPE H - TYPICAL ROOM SIGN

SCALE: 3" = 1'-0"



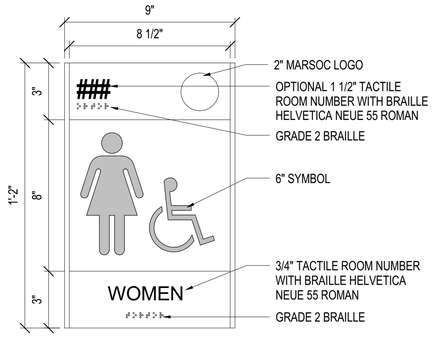
D4 TYPE L - EVACUATION SIGN

SCALE: 3" = 1'-0"



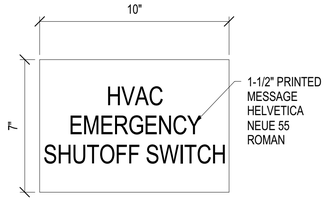
C1 TYPE D - MEN'S RESTROOM SIGN

SCALE: 3" = 1'-0"



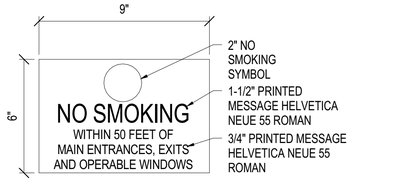
C2 TYPE E - WOMEN'S RESTROOM SIGN

SCALE: 3" = 1'-0"



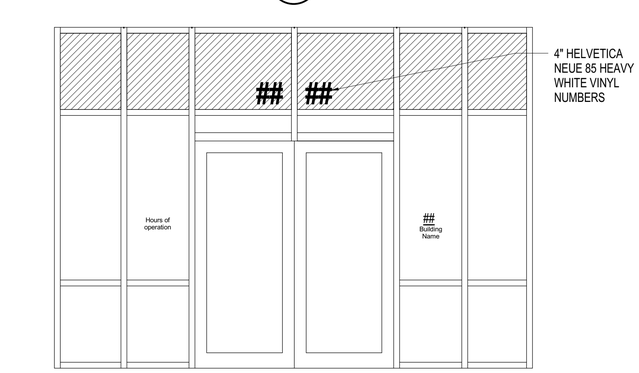
C3 TYPK K - HVAC EMERGENCY SHUTOFF

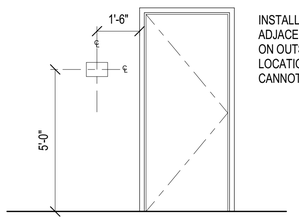
SCALE: 3" = 1'-0"



C4 TYPE J - NO SMOKING SIGNAGE

SCALE: 3" = 1'-0"



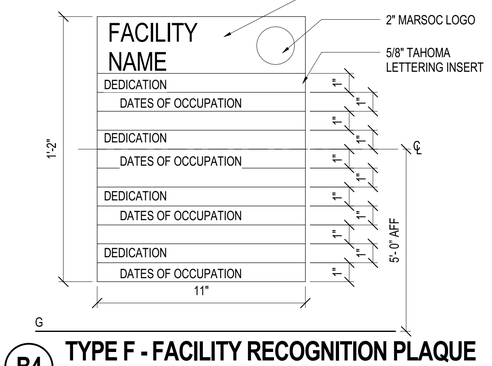


B1 SIGNAGE MOUNTING LOCATION

SCALE: 3/8" = 1'-0"

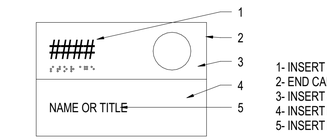
B2 TYPE A - ENTRANCE DOOR SIGNAGE

SCALE: 3/8" = 1'-0"



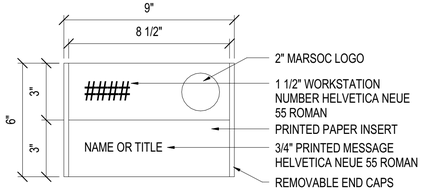
B4 TYPE F - FACILITY RECOGNITION PLAQUE

SCALE: 3" = 1'-0"



A1 BASIS OF DESIGN - SYSTEM 2/90 MODULAR

SCALE: 3" = 1'-0"



A2 TYPICAL WORKSTATION IDENTIFICATION SIGN

SCALE: 3" = 1'-0"

A4 TYPE G - DIRECTORY SIGNAGE

SCALE: 3" = 1'-0"

GENERAL SHEET NOTES

1. REFER TO ROOM NUMBER AND NAME ASSOCIATED WITH AREA FOR SPECIFIC SIGNAGE GRAPHICS.
2. MOUNTING OF THE MODULAR SIGNAGE SYSTEM SHALL INCLUDE SURFACE MOUNTING WITH SCREW-ON APPLICATIONS FOR INTERIOR WALLS.
3. ALL GRADE 2 BRAILLE TO BE TACTILE RAISED 0.8 MM FROM THE SURFACE
4. ALL EMERGENCY SIGNAGE TO BE SURFACE APPLIED

ALL SIGNAGE TO COMPLY WITH UFC 3-120-01

SYM	DESCRIPTION	DATE	APPR

NAVFAC

ALEXANDRIA VANN SUTTON — REGISTERED ARCHITECT — 12960 — NORTH CAROLINA — CHARLOTTE, NORTH CAROLINA — 6/22/2020 — SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AVS	DRW	KLC	CHK	ZNK

PM/OM SGL/RMS
BRANCH MANAGER DJD
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CORE CI
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
SIGNAGE DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794352
SHEET 133 OF 228
I-625
DRAWFORM REVISION: 17 APRIL 2018

C:\n42016\1013636\13-A-CENTRAL_P-1395 MARINE HQ_SNUTTALL.rvt
6/25/2020 12:16:03 PM

FIRE ALARM GENERAL NOTES

1. PROVIDE A COMBINED FIRE ALARM AND MASS NOTIFICATION SYSTEM THROUGHOUT THE ENTIRE BUILDING. INSTALL THE FIRE ALARM / MASS NOTIFICATION CONTROL UNIT, REMOTE ANNUNCIATORS, AND LOCAL OPERATOR CONSOLES (LOC) NOTIFICATION APPLIANCE CIRCUIT (NAC) POWER SUPPLIES AS DETAILED ON DRAWINGS. PROVIDE MANUAL PULL STATIONS AT ALL EXITS. PROVIDE DUCT SMOKE DETECTION AND HVAC SHUT-DOWN PER NFPA 90A. MONITOR ALL FIRE PROTECTION AUTOMATIC SPRINKLER SYSTEMS. PROVIDE OCCUPANT NOTIFICATION COMPLYING WITH NFPA 72, UFC 3-600-01, AND UFC 4-021-01.
2. ALL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE APPLICABLE EDITIONS OF NFPA 70, NFPA 72, UFC 3-600-01, UFC 4-021-01, IBC, NFPA 101 , OR AUTHORITATIVE INTERPRETATIONS THAT MAY APPLY. A CERTIFICATE OF FINAL INSPECTION SHALL BE PROVIDED BY THE CONTRACTOR AT THE COMPLETION OF THE WORK AND PRESENTED TO ENGINEER AND CONTRACTING OFFICER OR CONTRACTING OFFICER REPRESENTATIVE.
3. FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM AS INDICATED ON THE CONTRACT DOCUMENTS AND AS EVIDENTLY INTENDED. IT IS NOTED THAT THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE GENERAL ARRANGEMENTS OF SYSTEMS AND WORK. INTERCONNECTIONS HAVE NOT BEEN SHOWN, AND THE CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT AND WIRING AS REQUIRED ACCOMPLISHING THE FUNCTIONS INDICATED. ADDITIONALLY, FIRE ALARM SYSTEM DEVICES HAVE BEEN SHOWN AND THE CONTRACTOR SHALL FURNISH AND INSTALL THE REQUIRED QUANTITIES AND TYPES OF CABLES, CONDUCTORS, RACEWAYS, REMOTE POWER SUPPLIES AND CONNECTIONS, SHIELDING REQUIREMENTS, ETC., AS REQUIRED BY THE SYSTEM MANUFACTURER, THE SPECIFICATIONS, AND ANY APPLICABLE CODES. ALL WIRING SHOWN ON RISER DIAGRAMS SHALL ALSO BE FURNISHED AND INSTALLED REGARDLESS OF WHETHER THESE ITEMS ARE SHOWN ON THE FLOOR PLANS.
4. THE SMOKE DETECTOR PLACEMENT DETAILED ON DRAWINGS IS BASED UPON SMOOTH CEILING DESIGN. THE ACTUAL PLACEMENT OF SMOKE DETECTORS WILL BE DEPENDENT UPON THE LOCATION AND ARRANGEMENT OF STRUCTURAL COMPONENTS. THE CONTRACTOR'S DESIGN SHALL TAKE INTO CONSIDERATION ALL STRUCTURAL MEMBERS AND SMOKE DETECTORS SHALL BE PLACED ACCORDINGLY.
5. COORDINATE WORK WITH THE WORK OF ALL OTHER TRADES AND EXISTING CONDITIONS SO AS TO AVOID CONFLICTS. RESOLVE ALL CONFLICTS THROUGH THE A/E PRIOR TO ROUGH-IN. FAILURE TO PROVIDE SUCH COORDINATION PRIOR TO WORK BEING INSTALLED SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION TO THE CONTRACTOR, AND MAY RESULT IN REJECTION OF THE WORK.
6. THE QUANTITY AND PLACEMENT OF VISUAL NOTIFICATION DEVICES IS DEPENDENT UPON THE DEVICE'S CANDELA RATING. DEVICE PLACEMENT SHOULD BE BASED UPON ALLOWABLE DEVICE COVERAGE ASSOCIATED WITH THE DEVICES CANDELA RATING PER NFPA 72 CHAPTER 18.5.5.4.
7. SPEAKER QUANTITIES, PLACEMENT AND TRANSFORMER TAPS SHALL BE PROVIDED TO ENSURE VOICE INTELLIGIBILITY IN ACCORDANCE WITH UFC 4-021-01 AND NFPA 72. COMPUTER BASED ACOUSTIC MODELING SHALL BE PROVIDED. SHOP DRAWINGS SHALL INCLUDE DRAWINGS DEFINING EACH ACOUSTICALLY DEFINED SPACE (ADS), INTENDED SOUND PRESSURE LEVEL (SPL) AND INTENDED INTELIGIBILITY VALUE STI OR CIS.
8. FIRE ALARM / MASS NOTIFICIAITION SYSTEMS SHALL TRANSMIT FIRE ALARM SIGNALS TO THE BASE FIRE ALARM REPORTING SYSTEM VIA A DIGITAL TELEPHONE PLATFORM.
9. ALL MATERIALS SHALL BE NEW, SHALL BE SUITABLE FOR THE APPLICATION INTENDED, AND SHALL BEAR LABELS OR MARKINGS INDICATING THIRD PARTY TESTING LABORATORY LISTINGS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
10. VERIFY LOCATIONS OF WIRING DEVICES IN FINISHED SPACES, MILLWORK, AND CASEWORK WITH ARCHITECTURAL DRAWINGS, DETAILS, AND ELEVATIONS, AND WITH THE GOVERNMENT'S EQUIPMENT AND FURNITURE LAYOUTS PRIOR TO ROUGH-IN.
11. ALL FIRE ALARM CABLES SHOULD BE INSTALLED IN METAL RACEWAYS. ALL METALLIC RACEWAYS, CONDUIT, BACK BOXES, AND JUNCTION BOXES SHALL BE FACTORY PAINTED RED.
12. ALL RACEWAY AND WIRING SHALL BE CONCEALED IN FINISHED SPACES, AND MAY BE INSTALLED EXPOSED IN UNFINISHED SPACES SUCH AS MECHANICAL AND ELECTRICAL ROOMS. ALL RACEWAY AND WIRING, WHETHER CONCEALED OR EXPOSED, SHALL BE RUN EITHER PERPENDICULAR OR PARALLEL TO THE BUILDING'S STRUCTURAL COMPONENTS. PROVIDE PULL AND JUNCTION BOXES AS REQUIRED TO MEET CODE AND INSTALLATION REQUIREMENTS. PULL AND JUNCTION BOXES SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES SO AS TO AVOID CONFLICTS.
13. ALL CONDUCTORS SHALL BE IDENTIFIED AT EACH JUNCTION BOX, OUTLET BOX, CABINET, PULL BOX, ETC., WITH VINYL SELF-ADHESIVE TAGS INDICATING PANEL AND CIRCUIT NUMBER, CONTROL WIRE IDENTIFICATION NUMBER, OTHER APPROPRIATE INFORMATION. ALL PULL AND JUNCTION BOXES SHALL BE LABELED AS TO FUNCTION.
14. ALL EQUIPMENT SHALL BE SECURELY FASTENED BY MEANS OF ANCHORS, RODS, HANGERS, SUPPORTS, GUIDES, SWAY BRACES, ETC., TO MAINTAIN ALIGNMENT AND PREVENT EQUIPMENT MOVEMENT. ALL EQUIPMENT LOCATED IN SEISMIC ZONES SHALL BE SECURED WITH MEANS APPROVED FOR THE SEISMIC CLASSIFICATION ENCOUNTERED.
15. ALL PENETRATIONS OF FIRE OR SMOKE RATED CONSTRUCTION SHALL BE SEALED WITH FIRESTOPPTING MATERIALS APPROVED AND LISTED FOR THE RATING OF THE CONSTRUCTION TO BE PENETRATED. PROVIDE DOCUMENTATION ON ALL SUCH PENETRATION SEALING SYSTEMS FOR VERIFICATION OF PROPER INSTALLATION.
16. ALL PENETRATIONS OF ROOFS, EXTERIOR WALLS, FOUNDATIONS, OR OTHER WATER OR MOISTURE PROOF CONSTRUCTION SHALL BE SEALED WITH APPROPRIATE SEALING FITTINGS OR SEALED CONSTRUCTION TO PREVENT THE INTRODUCTION OF MOISTURE INTO THE BUILDING. WHERE EMPTY RACEWAYS ARE INSTALLED, THEY SHALL BE LABELED AT BOTH ENDS AND FITTED WITH NYLON PULLSTRINGS FOR FUTURE USE.
17. ELECTRICAL WORK SHALL BE PERFORMED ON DE-ENERGIZED SYSTEMS ONLY TO PREVENT PERSONNEL INJURY AND POTENTIAL SYSTEM FAILURE. WHERE WORK ON EXISTING SYSTEMS WILL REQUIRE INTERRUPTION OF ELECTRICAL SERVICE, THEN TEMPORARY PROVISIONS ACCEPTABLE TO THE GOVERNMENT OR CONTRACTING OFFICER FOR TEMPORARY POWER SHALL BE UTILIZED UNTIL THE WORK IS COMPLETE.
18. WALL MOUNTED FIRE ALARM PULLSTATIONS ARE TO BE LOCATED 48" A.F.F AND WITHIN 5' OF THE NEAREST ADJACENT EXIT DOOR FROM THE FLOOR OR BUILDING. WALL MOUNTED FIRE ALARM NOTIFICATION APPLIANCES, EITHER VISUAL, OR COMBINATION AUDIO/VISUAL, SHALL BE LOCATED SUCH THAT THE ENTIRE LENS OF THE VISUAL PORTION IS BETWEEN 80" AND 96" A.F.F. AUDIO ONLY DEVICES SHALL BE LOCATED, NOT LESS THAN 90" A.F.F. TO TOP OF APPLIANCES, AND 6" BELOW CEILINGS.
19. THE PLACEMENT OF FIRE ALARM CONTROL PANEL, REMOTE ANNUNCIATOR, LOCAL OPERATING CONSOLE, REMOTE NAC POWER SUPPLIES, BATTERY CABINETS AND TRANSCEIVER ANTENNAS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND OTHER TRADES. IN ROOMS WHERE COUNTERS, CABINETRY, LOCKERS, MIRRORS, WHITE BOARDS, PROJECTION SCREENS, VIDEO MONITORS, VIDEO PROJECTORS, ETC. ARE TO BE PRESENT, THE PLACEMENT OF WALL MOUNTED DEVICES SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

FIRE ALARM AND MASS NOTIFICATION AND FIRE SUPPRESSION CONTROL SYMBOLS LEGEND

PANELS CABINETS AND CONTROLLERS

FAA	FIRE ALARM ANNUNCIATOR PANEL - FIRE ALARM OR FIRE SUPPRESSION
FMCP	FIRE ALARM/MASS NOTIFICATION CONTROL PANEL
FATC	FIRE ALARM OR FIRE SUPPRESSION TERMINAL/ MODULE CABINET
LOC	LOCAL OPERATORS CONSOLE
NAC	NAC EXTENDER BOOSTER POWER / AUXILIARY POWER SUPPLY SUPPLY - FIRE ALARM OR FIRE SUPPRESSION

MANUAL STATIONS

F	MANUAL STATION, FIRE ALARM

ADDRESSABLE MODULES

AIM	ADDRESSABLE INPUT MODULE, FIRE ALARM
AIM_2	ADDRESSABLE DUAL INPUT MODULE, FIRE ALARM
AOM	ADDRESSABLE OUTPUT MODULE, FIRE ALARM
IM	ISOLATION MODULE, FIRE ALARM

FIRE ALARM NOTIFICATION APPLIANCES

WP	EXTERIOR SPRINKLER WATERFLOW NOTIFICATION APPLIANCE, WATERPROOF
CD	SPEAKER/STROBE COMBO WALL
C CD	SPEAKER/STROBE COMBO CEILING
S C	SPEAKER ONLY, CEILING MOUNT
S	SPEAKER ONLY, WALL MOUNT
M	STROBE ONLY, WALL MOUNT
M	STROBE ONLY, CEILING MOUNT

ANCILLARY DEVICES

WF	FLOW DETECTOR/SWITCH
RL	NON-ADDRESSABLE OUTPUT RELAY
SS	SURGE SUPPRESSOR
VS	VALVE SUPERVISORY SWITCH
K	KEY BOX

DETECTION

S P	SMOKE DETECTOR, PHOTOELECTRIC
CO	CARBON MONOXIDE DETECTOR

NOTIFICATION APPLIANCE SUBSCRIPTS AND ABBREVIATIONS:

C	CEILING MOUNT
CD	CANDELA
EOLD	END OF LINE DEVICE (CIRCUIT SUPERVISION)
FA	FIRE ALARM
FS	FIRE SUPPRESSION
°F	FAHRENHEIT
FS	FIRE SUPPRESSION
H	HIGH AUDIBLE SETTING
IR3	TRIPLE SPECTRUM INFRARED OPTICAL DETECTOR
HPS	HIGH POWERED SPEAKER
IDC	INITIATING DEVICE CIRCUIT
L	LOW AUDIBLE SETTING
LHD	LINEAR HEAT DETECTION
NAC	NOTIFICATION APPLIANCE CIRCUIT
MNS	MASS NOTIFICATION SYSTEM
P	PENDANT OR PHOTOELECTRIC
RI	REMOTE INDICATOR
RTS	REMOTE TEST STATION
SL	SIGNAL LIGHT
SLC	SIGNALING LINE CIRCUIT
SPK	SPEAKER CIRCUIT
NW	WATTAGE SETTING (n=SPEAKER TAP)
WP	WEATHERPROOF
WG	WIRE GUARD

NOT ALL SYMBOLS/ABBREVIATIONS MAY BE USED

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 036937 ENGINEER ADAM J. SENK 6-22-2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY

Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AJS	DRW	TRF	CHK	ZJS

PM/DM SGL/RMS

BRANCH MANAGER DSN

CHIEF ENG/ARCH EJA

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
LEGEND, ABBREVIATIONS AND NOTES

SCALE: AS NOTED

EPROJECT NO.: 1603164

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12794353

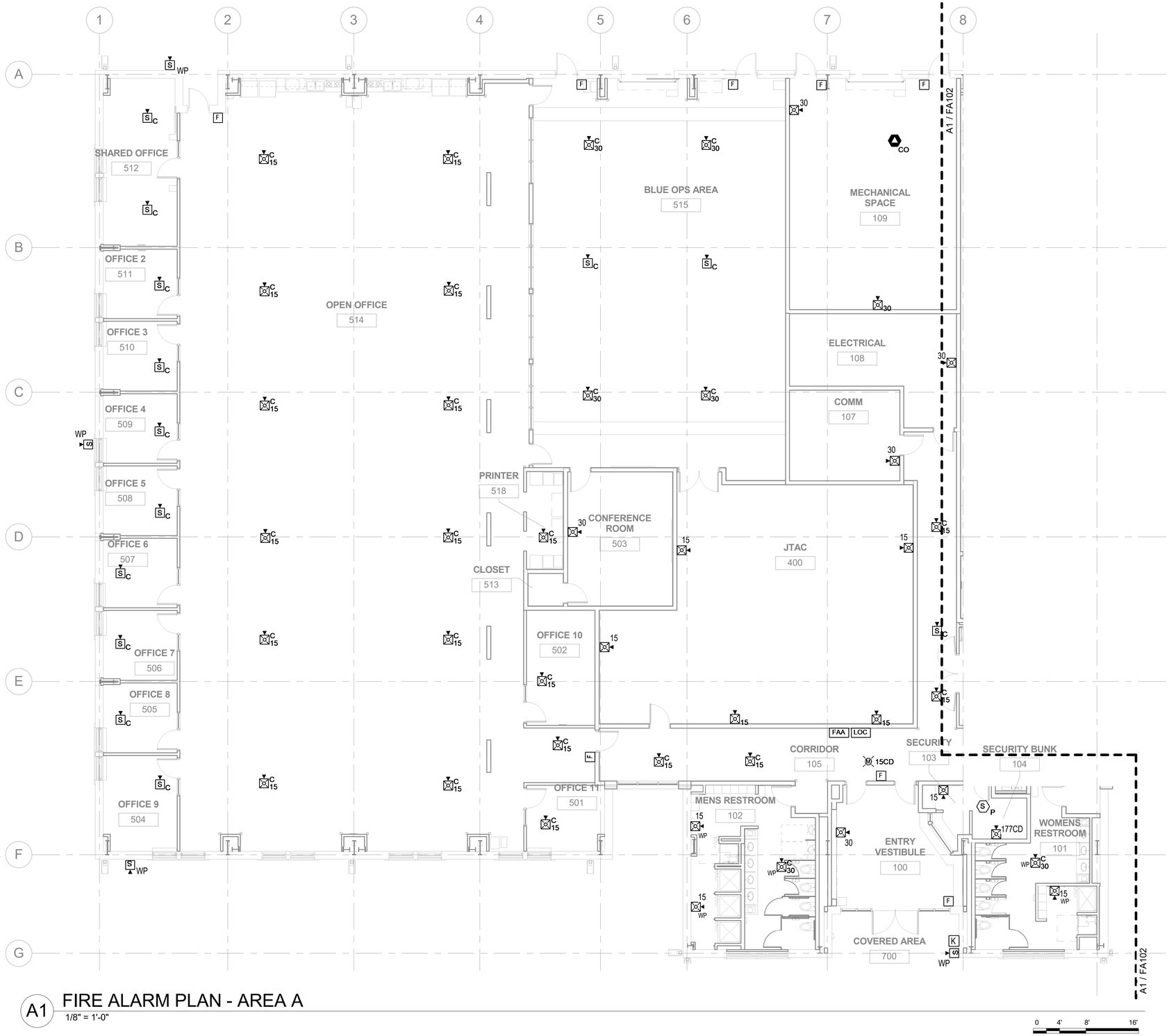
SHEET 134 OF 228

FA001

DRAWFORM REVISION: 17 APRIL 2018

C:\HDR\2016\10136813-F-CENTRAL_P-1395 MARINE HQ_TRF\reeman.rvt
6/22/2020 12:53:32 PM

UNCLASSIFIED



A1 FIRE ALARM PLAN - AREA A

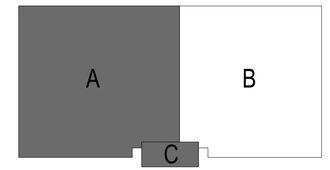
1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES

1. EQUIPMENT LOCATIONS SHOWN ON PLANS ARE FOR GENERAL INFORMATION ONLY. ACTUAL CONDITIONS AND EQUIPMENT SELECTIED WILL DICTATE FINAL FIRE ALARM SYSTEM LOCATIONS. ALL WORK TO BE DONE IN ACCORDANCE WITH UFCs, NFPA 70, AND NFPA 72 AND BASE REQUIREMENTS. IN INSTANCES WHERE THERE ARE DISCREPANCIES BETWEEN REQUIREMENTS FOLLOW MOST STRINGENT REQUIREMENT.
2. PROVIDE FIRE STOPPING AT RATED WALL PENETRATIONS AND CAULKING AT PENETRATIONS OF ALL FIRE OR SMOKE-RATED SEPARATIONS.
3. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL TRADES. PROVIDE ALL OFFSETS TO AVOID INTERFERENCE WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, OR STRUCTURAL MEMBERS.

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036937 ENGINEER ADAM J. SENK 6-22-2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AJS	DRW	TRF	CHK	ZJS

PM/DM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENGARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
MARSOC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE ~ JACKSONVILLE, NC

JACKSONVILLE, NORTH CAROLINA

P1395 MARINE RAIDER HEADQUARTERS

FIRE ALARM AND MASS NOTIFICATION PLAN-AREA A

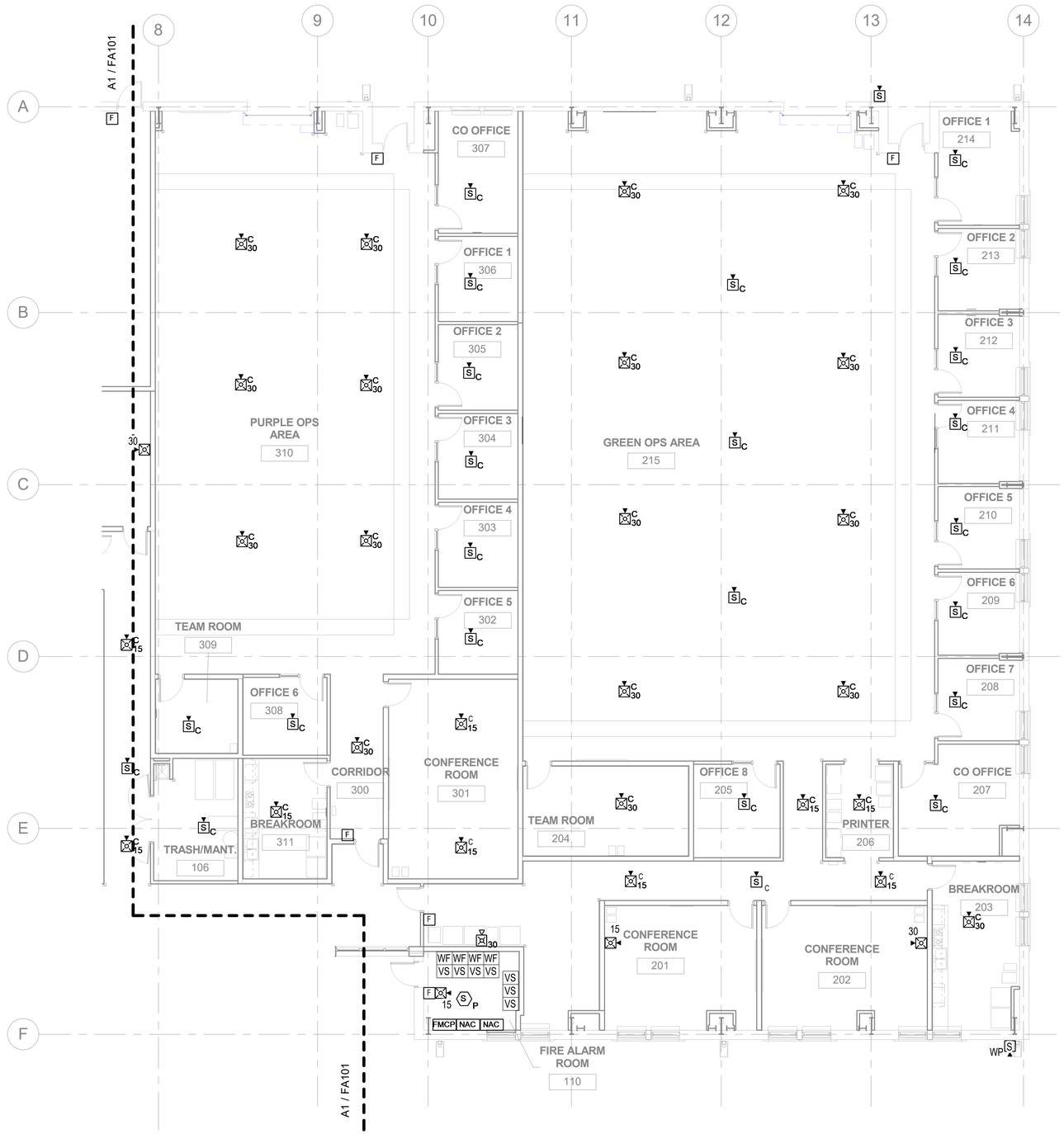
SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794354
SHEET 135 OF 228

FA101

DRAWFORM REVISION: 17 APRIL 2018

C:\vk\20161\01360\13-F-CENTRAL_P-1395 MARINE HQ_TRFreeman.rvt
6/25/2020 12:54:21 PM

UNCLASSIFIED



A1 FIRE ALARM PLAN - AREA B

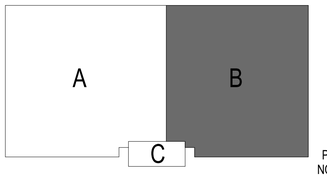
1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES

1. EQUIPMENT LOCATIONS SHOWN ON PLANS ARE FOR GENERAL INFORMATION ONLY. ACTUAL CONDITIONS AND EQUIPMENT SELECTIED WILL DICTATE FINAL FIRE ALARM SYSTEM LOCATIONS. ALL WORK TO BE DONE IN ACCORDANCE WITH UFCs, NFPA 70, AND NFPA 72 AND BASE REQUIREMENTS. IN INSTANCES WHERE THERE ARE DISCREPANCIES BETWEEN REQUIREMENTS FOLLOW MOST STRINGENT REQUIREMENT.
2. PROVIDE FIRE STOPPING AT RATED WALL PENETRATIONS AND CAULKING AT PENETRATIONS OF ALL FIRE OR SMOKE-RATED SEPARATIONS.
3. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL TRADES. PROVIDE ALL OFFSETS TO AVOID INTERFERENCE WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, OR STRUCTURAL MEMBERS.

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036937 ADAM J. SENK 6-22-2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AJS	DRW	TRF	CHK	ZJS

PMDM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
MIDLANT CI CORE
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FIRE ALARM AND MASS NOTIFICATION PLAN-AREA B

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794355
SHEET 136 OF 228

FA102

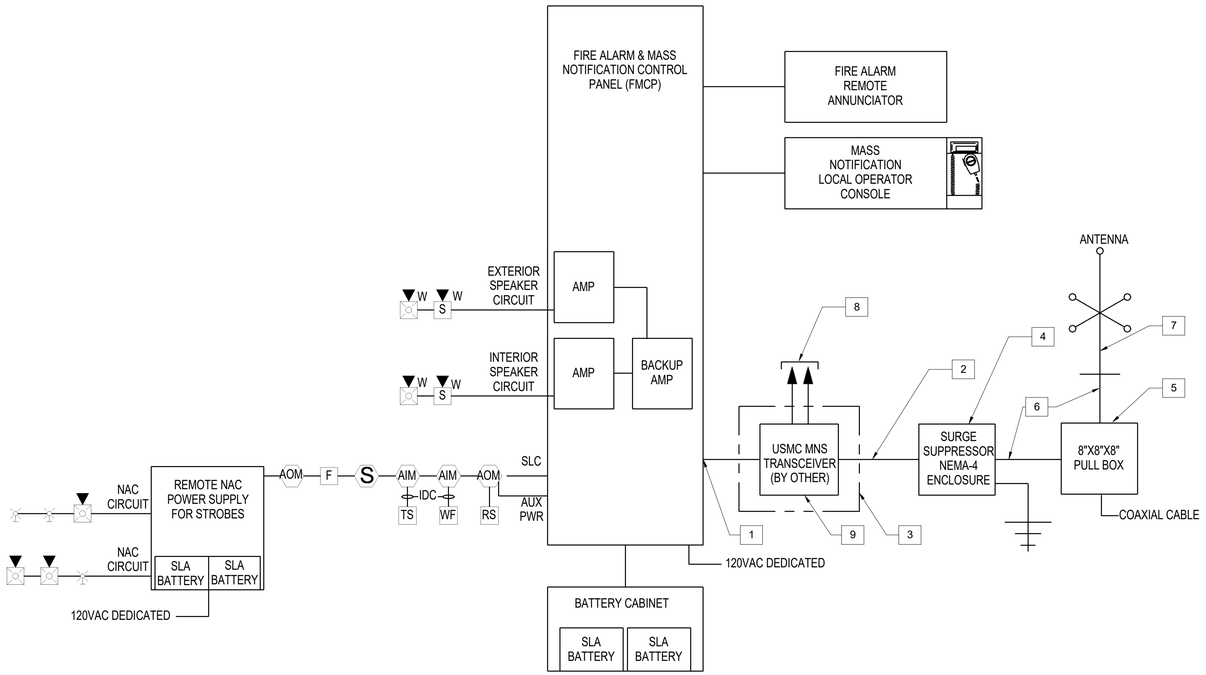
DRAWFORM REVISION: 17 APRIL 2018

C:\e520161101\36013-F-CENTRAL_P-1395 MARINE HQ_TRF\treeman.rvt
6/25/2020 12:54:33 PM

		CONTROL UNIT ACTIVATION											NOTIFICATION						
		ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE COMMON TROUBLE SIGNAL	ACTUATE COMMON MASS NOTIFICATION SIGNAL INDICATOR	MUTE AUDIBLE FIRE ALARM SIGNAL	ACTUATE ALARM INDICATOR	DISPLAY ALPHA-NUMERIC SYSTEM STATUS MESSAGE	RECORD EVENTS IN THE SYSTEM MEMORY	ACTUATE BUILDING AUDIBLE AND VISIBLE EVACUATION SIGNALS	ACTUATE EXTERIOR WATERFLOW SIGNAL AT FDC	TRANSMIT FIRE ALARM SIGNAL TO REMOTE ALARM RECEIVING STATION	TRANSMIT SUPERVISORY SIGNAL TO REMOTE ALARM RECEIVING STATION	ACTIVATE SELECTED MASS NOTIFICATION TEXT SIGNS	TRANSMIT TROUBLE SIGNAL TO REMOTE ALARM RECEIVING STATION	SIGNAL THE AIR HANDLERS TO SHUTDOWN	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
1	MANUAL PULL STATIONS	●	●							●	●	●	●		●					1
2	AREA SMOKE DETECTOR	●	●							●	●	●	●		●					2
3	CARBON MONOXIDE DETECTOR	●	●							●	●	●	●	●	●					3
4	SPRINKLER CONTROL VALVE			●	●						●	●				●				4
5	FIRE ALARM AC POWER FAILURE					●	●				●	●						●		5
6	FIRE ALARM SYSTEM LOW BATTERY					●	●				●	●						●		6
7	OPEN CIRCUIT					●	●				●	●						●		7
8	GROUND FAULT					●	●				●	●						●		8
9	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●				●	●						●		9
10	FA/MNS EQUIPMENT FAILURE										●									10
11	DUCT MTD SMOKE DETECTORS			●	●						●	●				●			●	11
12	TAMPER/PIV SWITCHES			●	●						●	●								12
13	KNOX BOX TAMPER SWITCHES			●	●						●	●								13
14	MNS MICROPHONE NOTIFICATION							●	●								●			14
15	MNS MESSAGE REPEATER NOTIFICATION							●	●								●			15
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	

C1 TYPICAL SEQUENCE OF OPERATION MATRIX

NTS



A1 FIRE ALARM DIAGRAM

NTS

FA/MNS PANEL AND MNS TRANSCEIVER DIAGRAM NOTES:

1. PROVIDE AUDIO INPUT AND CONTACT CLOSURE IN THE FMCP PANEL TO ACCEPT EXTERNAL SIGNAL FROM THE MNS TRANSCEIVER.
2. PROVIDE 3/4" RIGID METAL CONDUIT (RMC) BETWEEN FAMN PANEL AND TRANSCEIVER PANEL.
3. PROVIDE DEDICATED WALL SPACE FOR 24"X24"X1" MOUNTING BOARD ADJACENT TO THE FAMN PANEL (WITHIN 15 FT MAX), ENSURE THE MOUNTING BOARD IS CLEARLY MARKED FOR "BASE-WIDE MNS USE".
4. SURGE SUPPRESOR
5. PROVIDE 8"x8"x8" PULL BOX.
6. PROVIDE 1-1/2" RIGID METAL CONDUIT
7. 1-1/2" RMC FROM PULL BOX TO THE ROOF. MAXIMUM CONDUIT LENGTH TO ROOF TERMINATION IS 115 FT. TERMINATE THE TOP OF THE EXTERIOR RMC WITH UL LISTED WEATHER HEAD. PROVIDE 510 OHM, UMR-400 RF CABLE IN THE RMC. PROVIDE 3-FT CABLE LENGTH MAINTENANCE LOOP AT BOTH ENDS OF THE CABLE ROUTE AND TERMINATE ROOF CABLE WITH A STRAIGHT MALE N-TYPE CONNECTOR. DO NOT TERMINATE THE RF CABLE AT THE MNS MOUNTING AREA AND CLEARLY LABEL THE RF CABLE "FOR MNS". TEST RF CABLE FOR PROPER CONNECTIVITY. PROVIDE ONE 90BI-OMNI-DIRECTIONAL ANTENNA, COOPER ANT-109-OM OR, MOBILE MARK OD9-2400 OR EQUAL ON TOP OF ROOFTOP ANTENNA MASS. DIRECTIONAL ANTENNA MAY BE MOUNTED ON FACILITY BELOW ROOFLINE IF PLACEMENT OF ANTENNA LOCATION IS PRE-APPROVED BY SPAWAR OR PHYSICAL SECURITY PERSONNEL. CONTACT CONTRACTING OFFICER FOR LOCATION OF ANTENNA DURING SHOP DRAWING FOR PRE-APPROVED ANTENNA LOCATION.
8. PROVIDE (2) 3/4-INCH ELECTRICAL METAL CONDUIT (EMT) WITH 18 AWG SHIELD AUDIO WIRE FROM THE NEMA-4 ENCLOSURE TO 2 DIFFERENT CENTRAL FACILITY LOCATIONS (DUTY ROOM, ADMINISTRATION AREA, CENTRAL HALLWAY - COORDINATE WITH THE BASE SECURITY FOR LOCATION). AT THESE LOCATIONS, TERMINATE RMC IN A FLUSH MOUNTED 4"X4"X2" EMT BOX. ENSURE THE 2 CONDUIT RUNS AND THE EMT FLUSH MOUNTED ENCLOSURES ARE LABELED "FOR MNS USE".
9. PROVIDE A NON-METALLIC 18" HEIGHT X 16" WIDTH X 10" DEPTH NEMA 4X ENCLOSURE WITH RAISED COVER AND PAD LOCKABLE LATCHES WITH INTERIOR MOUNTING PLATE. MOUNT THE PANEL IN THE CENTER OF THE MNS MOUNTING BOARD. PROVIDE 3/4" RMC WITH 3 CONDUCTORS, 12 AWG ELECTRICAL WIRE FROM THE ENCLOSURE TO A DEDICATED 120VAC/15A ELECTRICAL CIRCUIT. PROVIDE A DEDICATED LOCKABLE BREAKER FROM THE SAME POWER PANEL FOR THE FIRE ALARM CONTROL PANEL. PROVIDE AC POWER SURGE SUPPRESOR DEVICE INLINE WITH POWER CIRCUIT INSIDE THE LOWER RIGHT CORNER OF THE ENCLOSURE. PROVIDE A DUAL ELECTRICAL OUTLET MOUNTED INSIDE THE MNS ENCLOSURE ABOVE THE SURGE SUPPRESOR ON THE BOTTOM RIGHT OF THE MNS ENCLOSURE WIRE SURGE SUPPRESOR IN SERIES WITH DUAL ELECTRICAL OUTLET. WIRING MUST BE IN ACCORDANCE WITH NFPA 70.

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 036937 ENGINEER ADAM J. SENK 6-22-2020 SEAL

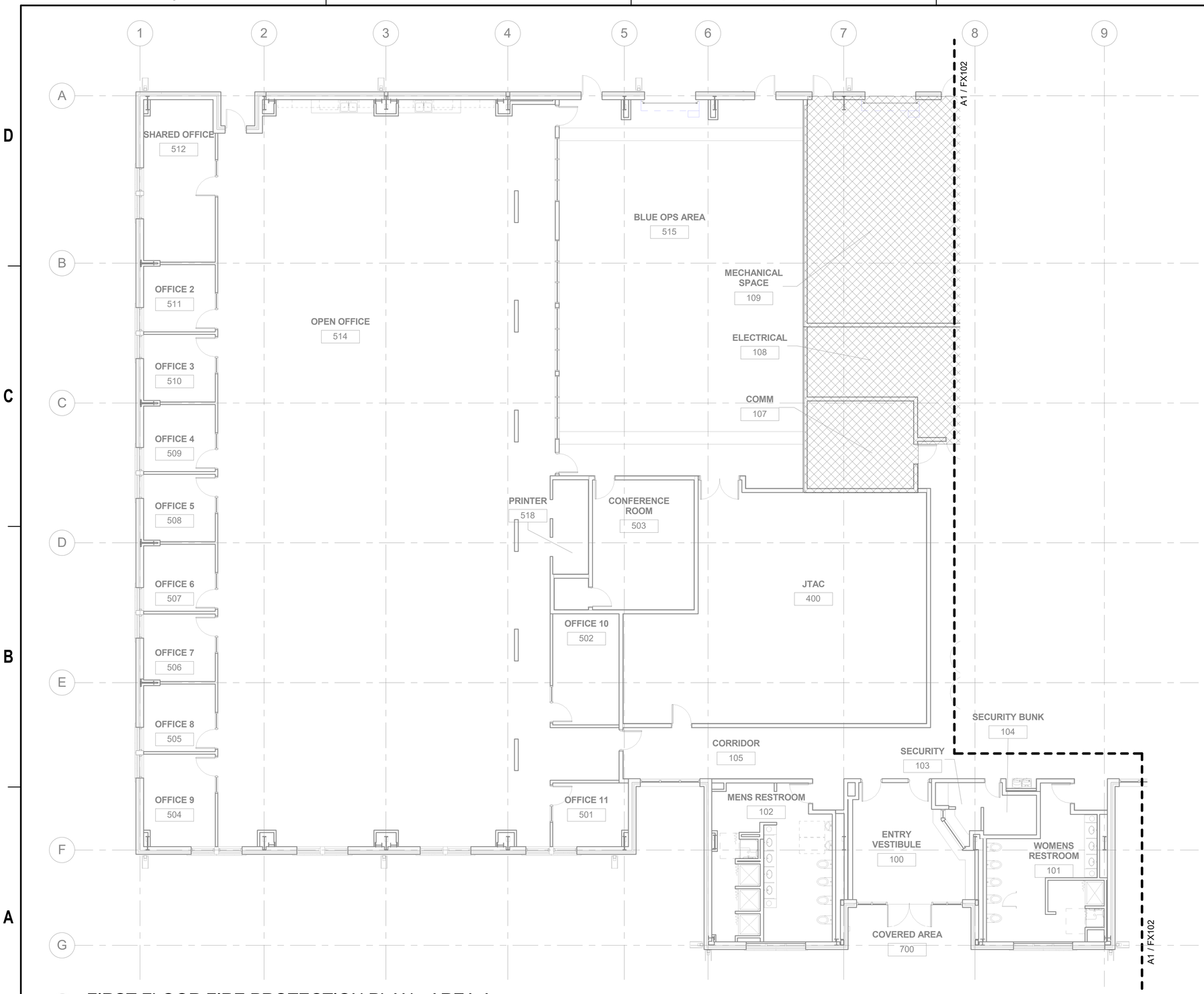
HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AJS | DRW TRF | CHK ZJS
PM/OM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI COMPE
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FIRE ALARM DIAGRAMS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794356
SHEET 137 OF 228
FA601
DRAWFORM REVISION: 17 APRIL 2018

C:\e20161101368\13-F-CENTRAL_P-1395 MARINE HQ_TRP\reeman.rvt
6/25/2020 12:54:37 PM



A1 FIRST FLOOR FIRE PROTECTION PLAN - AREA A

1/8" = 1'-0"

GENERAL NOTES

1. NEW SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY CALCULATED IN ACCORDANCE WITH UFC REQUIREMENTS AS INDICATED ON THIS DRAWING.
2. THE SOURCE OF WATER FOR THE SPRINKLER SYSTEMS WILL BE THE BASE WATER MAIN. THE MAIN WILL ENTER THE BUILDING IN THE SPRINKLER ROOM. HYDRAULIC CALCULATION SHALL BE PROVIDED TO DEMONSTRATE THAT THE REQUIRED SPRINKLER SYSTEMS ARE DESIGNED BASE UPON THE WATER SUPPLY WITHOUT FIRE PUMP.
3. ALL SPRINKLER SYSTEM VALVES SHALL BE PROVIDED WITH A SUPERVISORY TAMPER SWITCHES MONITORED BY THE FIRE ALARM SYSTEM.
4. PROVIDE FIRE STOPPING AT RATED WALL PENETRATIONS AND CAULKING AT PENETRATIONS OF ALL FIRE OR SMOKE-RATED SEPARATIONS.
5. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL TRADES. PROVIDE ALL OFFSETS TO AVOID INTERFERENCE WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, OR STRUCTURAL MEMBERS. ENSURE THAT PIPING IS NOT INSTALLED DIRECTLY ABOVE ELECTRICAL PANELS AND OTHER EQUIPMENT IN ACCORDANCE WITH NEC.

SPRINKLER SYSTEM SCHEDULE*

AREA	HAZARD CLASS	MIN. DENSITY (GPM/ SQ.-FT.)	MIN. SPK. SYS. HYDR. DESIGN AREA (SQ.-FT.)	HOSE ** (GPM)	(MIN) DURATION
ALL AREAS NOT HATCHED	LIGHT	0.10	1500	250	60
	ORDINARY	0.20	2500	250	60

* BASED ON UFC 3-600-01 TABLE 9-3 SPRINKLER DESIGN DEMAND AND MINIMUM K-FACTOR
** HOSE STREAM DEMAND TO BE INCLUDED IN HYDRAULIC CALCULATIONS IN ACCORDANCE WITH NFPA 13

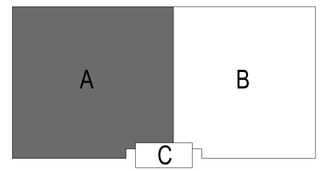
NOTE:

1.) THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING A SPRINKLER SYSTEM THAT MINIMIZES FRICTION LOSSES AND PRESSURE DEMAND ON THE SYSTEM SUCH THAT THE MARINE CORPS CAMP LEJEUNE WATER DISTURIBUTION SYSTEM IS CAPABLE OF MEETING SYSTEM DEMAND AND DURATION WITHOUT A FIRE PUMP. THIS SHALL BE DONE AT NO ADDITIONAL COST TO THE GOVERNMENT.

2.) FIRE HYDRANT FLOW TEST 12/19/18

HYDRANT STATIC PRESSURE - CLOSEST TO THE BUILDING	80 PSI
FLOW HYDRANT RESIDUAL PRESSURE	68 PSI
FLOW RATE AT RESIDUAL PRESSURE	1,230 GPM

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036937 ADAM J. SENK 6-22-2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020

DES	AJS	DRW	TRF	CHK	ZJS

PM/DM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENG/ARCH EJA
FIRE PROTECTION

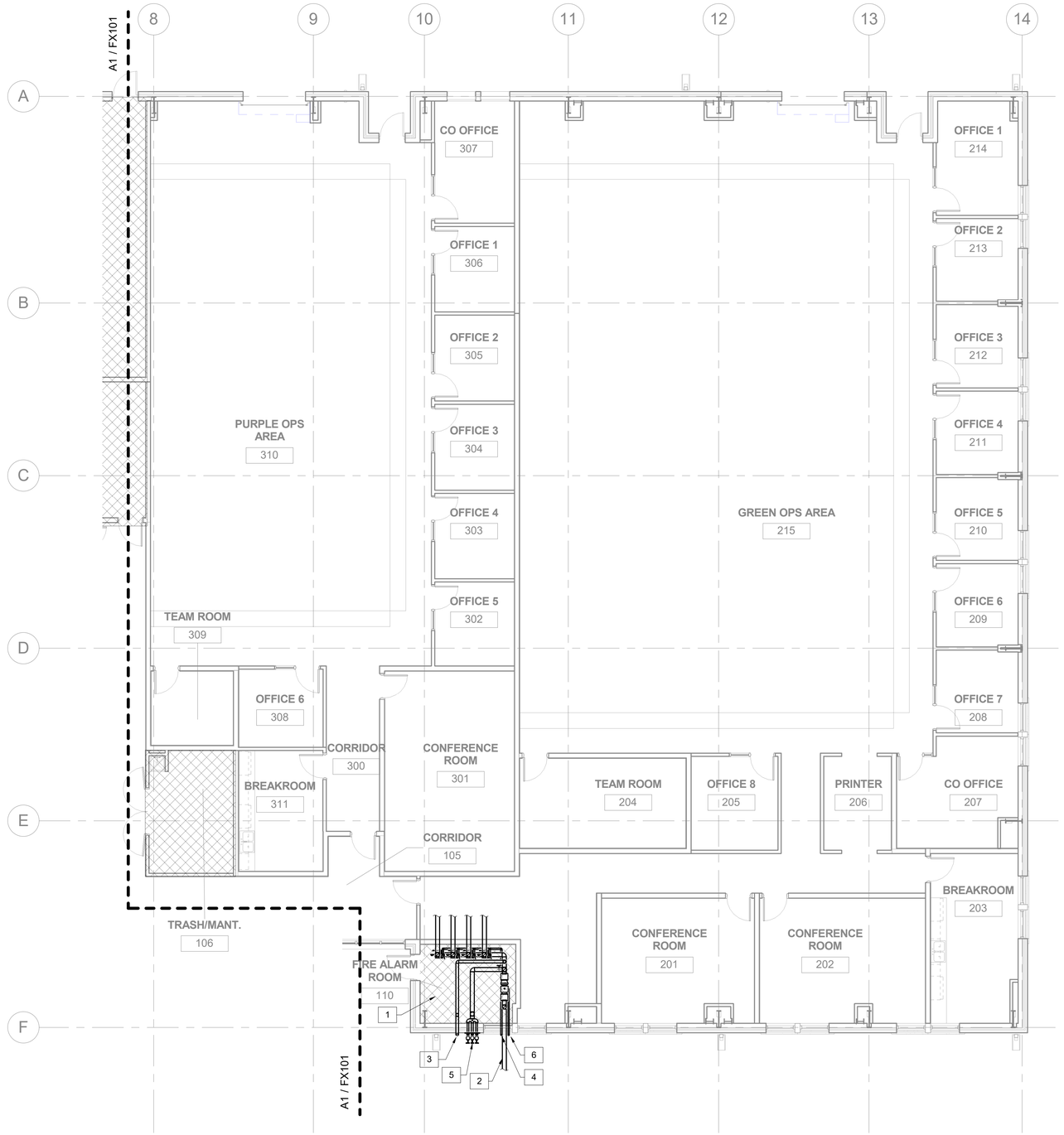
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
MARSOC
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE - JACKSONVILLE, NC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FIRST FLOOR FIRE PROTECTION PLAN-AREA A

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794357
SHEET 138 OF 228

FX101

DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\20161013\P1395_F_CENTRAL_P-1395 MARINE HQ_TRPreeman.rvt
6/25/2020 12:55:05 PM



A1 FIRST FLOOR FIRE PROTECTION PLAN - AREA B

1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES

1. NEW SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY CALCULATED IN ACCORDANCE WITH UFC REQUIREMENTS AS INDICATED ON THIS DRAWING.
2. THE SOURCE OF WATER FOR THE SPRINKLER SYSTEMS WILL BE THE BASE WATER MAIN. THE MAIN WILL ENTER THE BUILDING IN THE SPRINKLER ROOM. HYDRAULIC CALCULATION SHALL BE PROVIDED TO DEMONSTRATE THAT THE REQUIRED SPRINKLER SYSTEMS ARE DESIGNED BASE UPON THE WATER SUPPLY WITHOUT FIRE PUMP.
3. ALL SPRINKLER SYSTEM VALVES SHALL BE PROVIDED WITH A SUPERVISORY TAMPER SWITCHES MONITORED BY THE FIRE ALARM SYSTEM.
4. PROVIDE FIRE STOPPING AT RATED WALL PENETRATIONS AND CAULKING AT PENETRATIONS OF ALL FIRE OR SMOKE-RATED SEPARATIONS.
5. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL TRADES. PROVIDE ALL OFFSETS TO AVOID INTERFERENCE WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, OR STRUCTURAL MEMBERS. ENSURE THAT PIPING IS NOT INSTALLED DIRECTLY ABOVE ELECTRICAL PANELS AND OTHER EQUIPMENT IN ACCORDANCE WITH NEC.

SPRINKLER SYSTEM SCHEDULE*

AREA	HAZARD CLASS	MIN. DENSITY (GPM/ SQ.-FT.)	MIN. SPK. SYS. HYDR. DESIGN AREA (SQ.-FT.)	HOSE ** (GPM)	(MIN) DURATION
ALL AREAS NOT HATCHED	LIGHT	0.10	1500	250	60
	ORDINARY	0.20	2500	250	60

* BASED ON UFC 3-600-01 TABLE 9-3 SPRINKLER DESIGN DEMAND AND MINIMUM K-FACTOR
** HOSE STREAM DEMAND TO BE INCLUDED IN HYDRAULIC CALCULATIONS IN ACCORDANCE WITH NFPA 13

NOTE:

1.) THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING A SPRINKLER SYSTEM THAT MINIMIZES FRICTION LOSSES AND PRESSURE DEMAND ON THE SYSTEM SUCH THAT THE MARINE CORPS CAMP LEJEUNE WATER DISTURIBUTION SYSTEM IS CAPABLE OF MEETING SYSTEM DEMAND AND DURATION WITHOUT A FIRE PUMP. THIS SHALL BE DONE AT NO ADDITIONAL COST TO THE GOVERNMENT.

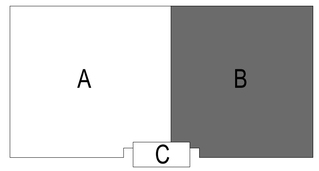
2.) FIRE HYDRANT FLOW TEST 12/19/18

HYDRANT STATIC PRESSURE - CLOSEST TO THE BUILDING	80 PSI
FLOW HYDRANT RESIDUAL PRESSURE	68 PSI
FLOW RATE AT RESIDUAL PRESSURE	1,230 GPM

KEYNOTES

1. SPRINKLER RISERS REFER TO DETAIL C1 ON SHEET FX501 FOR ADDITIONAL DETAIL.
2. 8" UNDERGROUND FIRE SPRINKLER WATER SUPPLY. REFER TO DETAIL C3 ON SHEET FX501 FOR ADDITIONAL DETAIL, AND CIVIL SHEET CU102 FOR CONTINUATION.
3. 5" STORZ CONNECTION AT 30 DEGREE ANGLE.
4. COMBINED MAIN DRAIN / INSPECTOR'S TEST TO EXTERIOR.
5. BACKFLOW PREVENTER FORWARD FLOW TEST HEADER.
6. REDUCED PRESSURE ZONE (RPZ) DRAIN TO EXTERIOR.

KEY PLAN



PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036937 ADAM J. SENK 6-22-2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL. (704)338-6700

A/E INFO

APPROVED
James E. Sanders, R.A.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AJS	DRW	TRF	CHK	ZJS

PM/DM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENG/ARCH EJA
FIRE PROTECTION

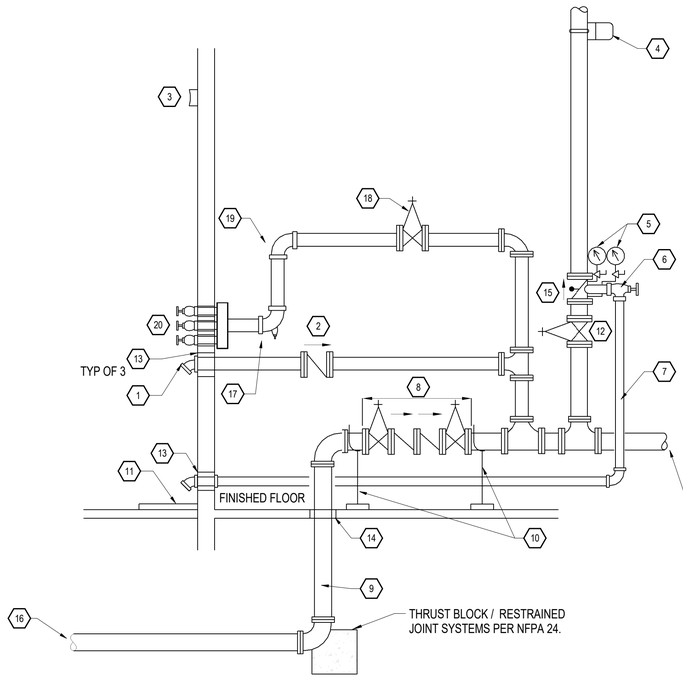
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FIRST FLOOR FIRE PROTECTION PLAN-AREA B

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794358
SHEET 139 OF 228

FX102

DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\2016\19136813-F-CENTRAL_P-1395 MARINE HQ_TRP\rneman.rvt
6/25/2020 12:55:30 PM

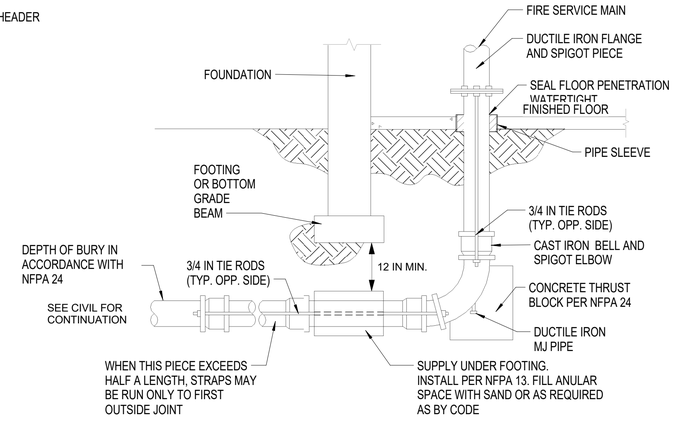


ITEM	DESCRIPTION
1.	5" STORZ CONNECTION (AT 30 DEGREE ANGLE)
2.	CHECK VALVE WITH BALL DRIP
3.	24 VDC HORN AND STROBE
4.	WATER FLOW INDICATOR
5.	PRESSURE GAUGE
6.	MAIN DRAIN VALVE
7.	MAIN DRAIN
8.	REDUCED PRESSURE ZONE BACKFLOW PREVENTER WITH DRAIN FROM AIR GAP TO BUILDING EXTERIOR
9.	MAIN WATER SUPPLY
10.	FLOOR PIPE SUPPORT
11.	SPLASH BLOCK
12.	N.O. CONTROL VALVE
13.	WATERTIGHT WALL SLEEVE
14.	WATERTIGHT FLOOR SLEEVE
15.	WET ALARM CHECK VALVE
16.	CONTINUATION OF HEADER
17.	BALL DRIP
18.	N.C. CONTROL VALVE
19.	BACKFLOW PREVENTER FORWARD FLOW TEST HEADER
20.	PROVIDE THREE (3) 2-1/2" FIRE HOSE VALVES

NOTES:
- ALL SPRINKLER SWITCHES AND VALVES SHALL BE MONITORED BY THE FIRE ALARM SYSTEM.
- PROVIDE RODDING, THRUST BLOCK, SLEEVES, AND SEALANT PER NFPA 24 & NFPA 13 AT ENTRANCE.
- THIS DETAIL IS FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL DETERMINE FINAL LAYOUT.

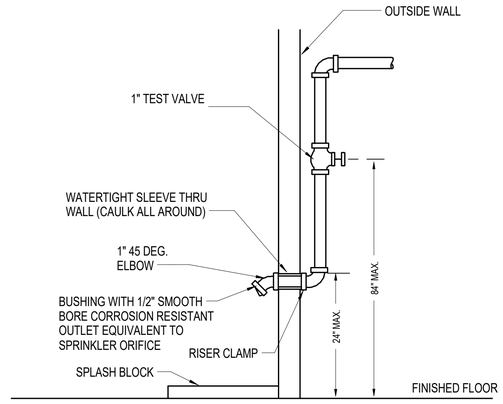
C1 WET-PIPE FIRE SPRINKLER RISER DETAIL

NTS



C3 FIRE SERVICE MAIN ENTRANCE / EXIT DETAIL

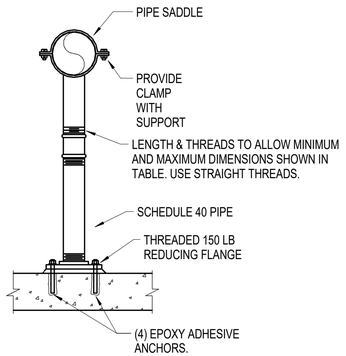
NTS



NOTES:
1. SHALL NOT BE INSTALLED IN CHASE WALL IF LOCATED IN MECHANICAL ROOM.
2. ACCESS TO THE VALVE SHALL BE CLEAR AND FREE OF OBSTRUCTIONS, PROVIDE HATCH WITH A HIGH CONTRAST SIGN WITH 2 INCH LETTERS IDENTIFYING THE VALVE LOCATION.

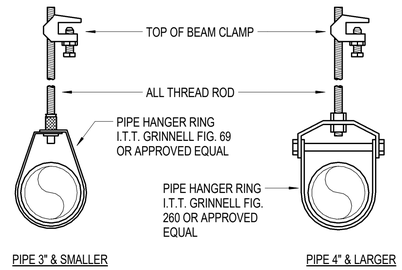
C4 INSPECTOR'S TEST CONNECTION DETAIL

NTS



A1 FLOOR PIPE SUPPORT DETAIL

NTS



A2 TOP BEAM CLAMP PIPE HANGER DETAIL

NTS

NAVFAC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036937 ADAM J. SENK 6-22-2020 SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

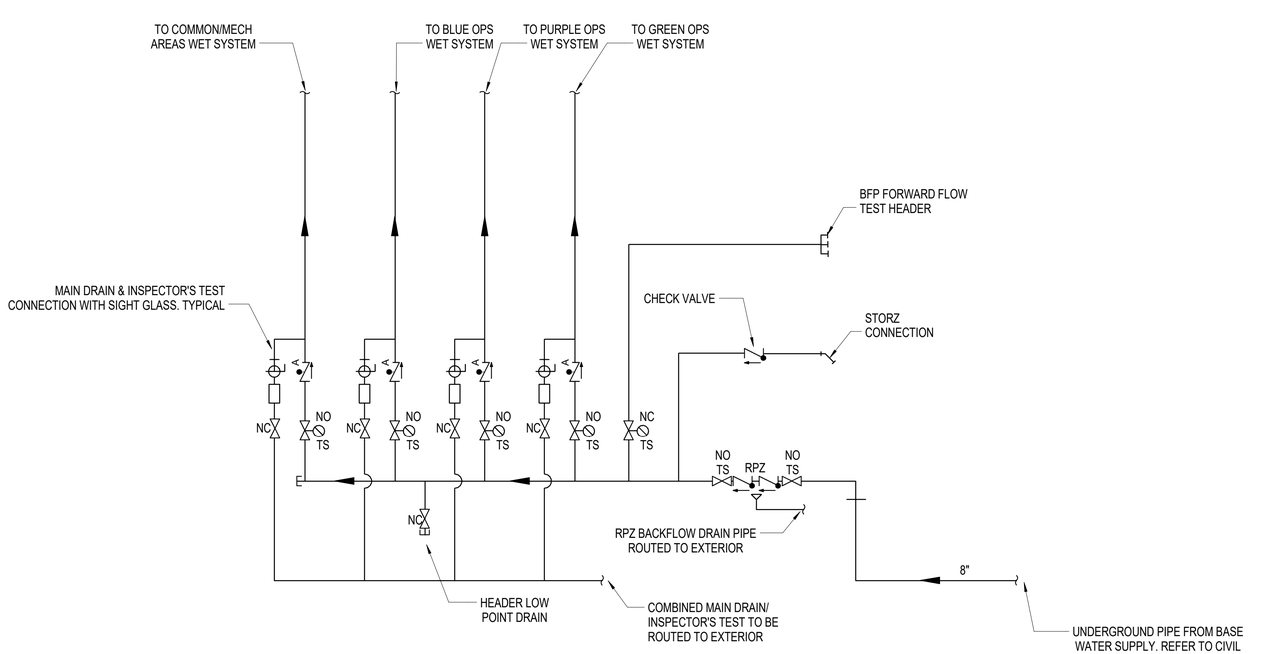
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 7/10/2020
ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division
SATISFACTORY TO DATE 06/19/2020
DES AJS | DRW TRF | CHK ZJS
PM/DM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FIRE PROTECTION DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794359
SHEET 140 OF 228
FX501
DRAWFORM REVISION: 17 APRIL 2018

C:\rvt\2016\1913\8913-F-CENTRAL_P-1395 MARINE HQ_TRPrieman.rvt
6/25/2020 12:55:32 PM



A1 RISER DIAGRAM

NTS

FIRE PROTECTION SYMBOLS AND ABBREVIATIONS		
ABBR.	SYMBOL	REMARKS
F	F	FIRE PROTECTION PIPING
WS	WS	WET SPRINKLER PIPING
DS	DS	DRY SPRINKLER PIPING
PA	PA	PRE-ACTION SPRINKLER PIPING
D	D	DRAIN PIPING
	A	ALARM CHECK VALVE
ABBR.	2-LINE SYMBOL: TOP VIEW / SIDE VIEW	1-LINE SYMBOL
BFP				BACKFLOW PREVENTER
			WALL TYPE POST INDICATOR ASSEMBLY
FDC			FIRE DEPARTMENT (SIAMESE) CONNECTION
FDV			FIRE DEPARTMENT VALVE
OS&Y			OUTSIDE SCREW AND YOKE VALVE
			WET PIPE RISER ASSEMBLY
			DRY PIPE RISER ASSEMBLY
			PRE-ACTION RISER ASSEMBLY
PIV			POST-INDICATOR VALVE
			FIRE HYDRANT
			UPRIGHT SPRINKLER
			SIDEWALL SPRINKLER HEAD
			PENDANT SPRINKLER HEAD
			HOSE VALVE MANIFOLD (PUMP FLOW TEST CONNECTION)
			WATER MOTOR GONG/ELECTRIC ALARM BELL
		A	ALARM CHECK VALVE
			PREACTION VALVE
			DRY PIPE VALVE
		F	WATER FLOW DETECTOR
		T	TAMPER DETECTOR
		M	WATER METER
			BALL CHECK OR DRIP VALVE
			HOSE END CONNECTION
PRV			PRESSURE REDUCING VALVE
ISV			ISOLATION VALVE (BALL/BUTTERFLY/GATE - SEE SPECIFICATIONS)
CHV			CHECK VALVE (ARROW INDICATES DIRECTION OF FLOW)
GTV			GATE VALVE
			(FLANGED/SCREWED) PIPE UNION OR FLANGE
			STRAINER
			PRESSURE GAGE WITH GAGE COCK
			ARROW INDICATES DOWNWARD PITCH OF PIPE
			ARROW INDICATES DIRECTION OF FLOW
			PIPE ECCENTRIC REDUCER
			PIPE CONCENTRIC REDUCER
			CAPPED END
			PIPE ELBOW UP
			PIPE ELBOW DOWN
			PIPE TEE UP
			PIPE TEE DOWN
			FLEXIBLE CONNECTOR
			EXPANSION JOINT
			FIRE RISER DESIGNATION (* REFERENCE) (** RISER NUMBER)
			DETAIL OR SECTION DESIGNATION (* DETAIL OR SECTION REFERENCE) (* * SHEET NUMBER DETAIL OR SECTION DRAWN ON)
			NEW TO EXISTING DESIGNATION
			EQUIPMENT DESIGNATION (* EQUIPMENT MARK NUMBER)
			REFERENCE DESIGNATION (* NOTE NUMBER)

FIRE PROTECTION SYMBOLS AND ABBREVIATIONS	
ABBR.	REMARKS
NC	NORMALLY CLOSED, NOISE CRITERIA
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE

SYM	DESCRIPTION	DATE	APPR

NAVFAC

NORTH CAROLINA PROFESSIONAL SEAL 036937 ENGINEER ADAM J. SENK 6-22-2020

SEAL

HDR
440 S. CHURCH STREET, SUITE 1000
CHARLOTTE, NC 28202
TEL (704)338-6700

A/E INFO

APPROVED
Jason E. Sowles, P.E.
FOR COMMANDER NAVFAC 7/10/2020

ACTIVITY
Approved by Emily Sylvester, Director of Installation Development Division

SATISFACTORY TO DATE 06/19/2020

DES	AJS	DRW	TRF	CHK	ZJS

PM/DM SGL/RMS
BRANCH MANAGER DSN
CHIEF ENG/ARCH EJA
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT CI CORE
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC
CAMP LEJEUNE · JACKSONVILLE, NC
MARSOC
JACKSONVILLE, NORTH CAROLINA
P1395 MARINE RAIDER HEADQUARTERS
FIRE PROTECTION RISER DIAGRAM, SYMBOLS AND ABBREVIATIONS

SCALE: AS NOTED
EPROJECT NO.: 1603164
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12794360
SHEET 141 OF 228

FX502

DRAWFORM REVISION: 17 APRIL 2018

C:\n\420181019136913-F-CENTRAL_P-1395 MARINE HQ_TRP\rreeman.rvt
6/25/2020 12:55:35 PM