

1855 NW COUNTY ROAD 25A, LAKE CITY, FL
CONSTRUCTION DOCUMENTS - 02/25/2026



NOTE: REFER TO CIVIL DRAWINGS FOR SITE PERMIT DOCUMENTS

OWNER	ARCHITECTURE	CIVIL/LANDSCAPE	STRUCTURAL	PLUMBING/MECHANICAL	ELECTRICAL
FLORIDA POWER & LIGHT COMPANY	LITTLE	KIMLEY HORN	JEZERINAC GROUP	CARDINAL ENGINEERING ASSOCIATES, INC.	CARDINAL ENGINEERING ASSOCIATES, INC.
1655 S. FERDON BLVD. CRESTVIEW, FL 32536 (561) 339-5349	201 S. ORANGE AVE, SUITE 800 ORLANDO, FL 32801 (407) 218-8286	12470 GRAN BAY PARKWAY WEST SUITE 2350 JACKSONVILLE, FL 32258 (904) 828-3919	480 HIBISCUS ST. SUITE 107 WEST PALM BEACH, FL 33401 (561) 622-8585	575 NW MERCANTILE PL. SUITE 106 PORT ST. LUCIE, FL 34986 (561) 746-6343	575 NW MERCANTILE PL. SUITE 106 PORT ST. LUCIE, FL 34986 (561) 746-6343
JOEL JONES	SEAN TRACY	CHRIS REUTHER	RONALD JEZERINAC	SCOTT RAYNOR	DAVID LITHGOW

F

E

D

C

B

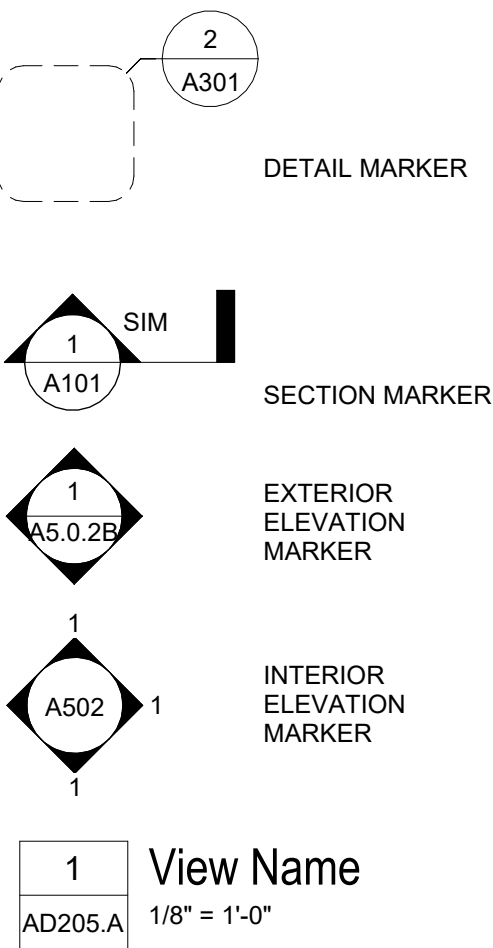
A

SYMBOLS

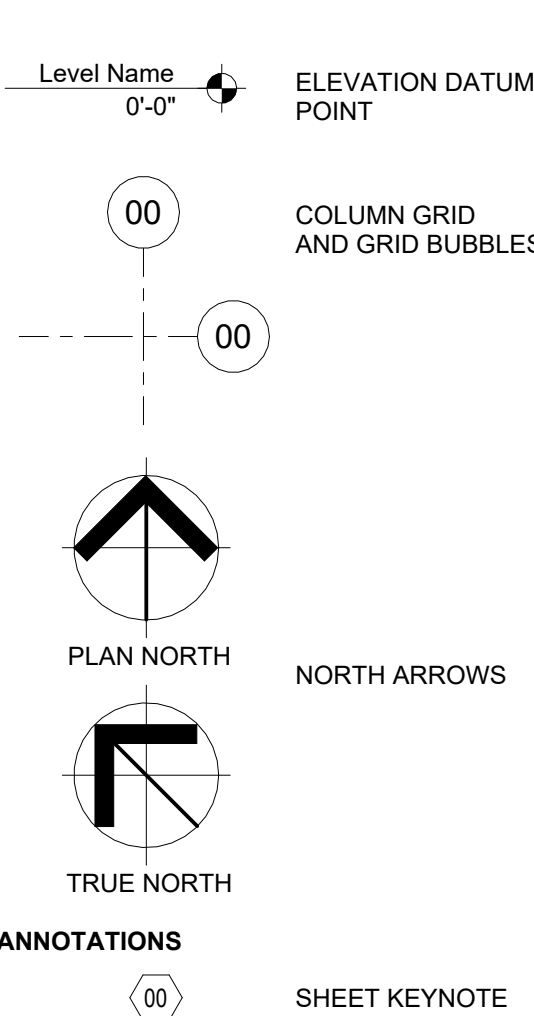
ARCHITECTURAL ELEMENTS

ROOM NAME 101	ROOM NAME ROOM NUMBER	ACT-1 +1'- 0"	CEILING TYPE FINISH ELEVATION
V000000	DOOR NUMBER		
0000A,XX	INTERIOR PARTITION TAG		
W1	WINDOW TAG		
S1	STOREFRONT TAG		
L1	LOUVER TAG		
X	TOILET ACCESSORIES TAG		
P-1	FINISH MATERIAL TAG		
E-1	EQUIPMENT TAG		
CR	ELECTRIC DOOR FUCTION		

VIEW ELEMENTS

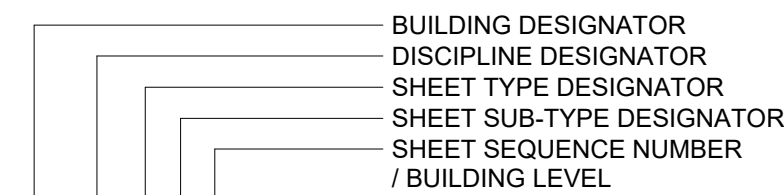


SITE & LOCATION ELEMENTS



SHEET NUMBERING LEGEND

SHEET NUMBER STRUCTURE



NOTE: REFER TO ARCHITECTURAL SITE PLAN FOR BUILDING DESIGNATIONS

DISCIPLINE DESIGNATORS

G	GENERAL / LIFE SAFETY
H	HAZARDOUS MATERIALS
V	SURVEY / MAPPING
B	GEOTECHNICAL
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURE
I	INTERIORS
S	STRUCTURAL
P	PLUMBING
F	FIRE PROTECTION
M	MECHANICAL
E	ELECTRICAL
T	TELECOM / DATA
D	DEMOLITION (BY DISCIPLINE)
X	OTHER DISCIPLINES

SHEET TYPE DESIGNATORS

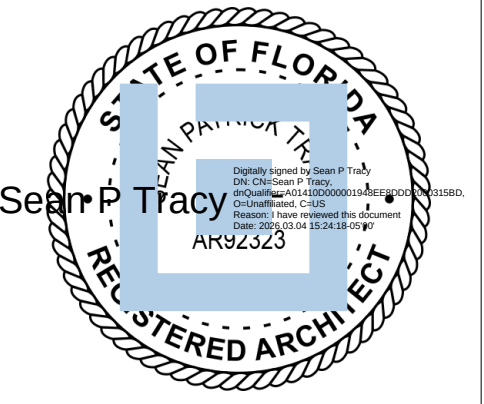
0	GENERAL INFORMATION
1	PLANS
2	ELEVATIONS
3	SECTIONS
4	ENLARGEMENTS
5	DETAILS
6-9	(VARIES BY DISCIPLINE)

ABBREVIATIONS

Abbr.	Abbreviated Phrase	Abbr.	Abbreviated Phrase	Abbr.	Abbreviated Phrase
ACT	ACOUSTIC CEILING TILE	FG	FACE OF GLASS	PEO	PEDESTAL, PEDESTRIAN, PEDIATRIC
ADJ	AMERICANS WITH DISABILITIES ACT	FOS	FACE OF SHEATHING	PERF	PERFORATE(D)
AED	AUTOMATED EXTERNAL DEBRILLATOR	FPA	FLORIDA PRODUCT APPROVAL	PFB	PREFABRICATE(D)
AFF	ABOVE FINISH FLOOR	FR	FIRE RETARDANT TREATED	PFN	PREFINISH(ED)
AL	ALUMINUM	FRP	FIBERGLASS REINFORCED PLASTIC	PL, PLAM	PLASTIC LAMINATE
ALT	ALTERNATE	FT	FOOT, FEET	PLAS	PLASTER, PLASTIC
AMC	ACOUSTICAL METAL CEILING	FURR	FURR(ED), (ING)	PLYWD	PLYWOOD
APC	ACOUSTICAL PANEL CEILING	FUT	FUTURE	PNL	PANEL
APPROX	APPROXIMATE	FWC	FABRIC WALL COVERING	PNT	PAINT(ED)
ARCH	ARCHITECT(URAL)	FWP	FABRIC WRAPPED PANEL	PR	PAIR
ARP	ACRYLIC RESIN PANEL	GA	GAUGE	PT	PRESSURE TREAT(ED)
AWC	ACOUSTICAL WOOD CEILING	GALV	GALVANIZED	PTN	PARTITION
BBD	BULLETIN BOARD	GB	GLASS BOARD	QT	QUARRY TILE
BD	BOARD	GC	GENERAL CONTRACTOR	OZ	QUARTZ, ENGINEERED QUARTZ
BO	BOTTOM OF	GL	GLASS, GLAZING	RB	RUBBER BASE
BOT	BOTTOM	GR	GROUT	RBT	RUBBER TILE
CIL, CL	CENTERLINE	GRN	GRANITE	REC	RECEPTACLE
CAB	CABINET	GYP	GYPSPUM BOARD	REFR	REFRIGERATOR
CC	CUBICLE CURTAIN	HC	HOLLOW CORE	REM	REMOVE
CIR	CIRCLE	HD	HAND DRYER	REQ'D	REQUIRED
CLO	CEILING CLOSET	HDR	HEADER	RM	ROOM
CLR	CLEAR(ANCE)	HDW	HARDWARE	RS	RESILIENT
COL	COLUMN	HGT	HEIGHT	S&R	SHELF AND ROD
CON.	CONCRETE	HORIZ	HORIZONTAL(LY)	SATM	SELF-ADHERING TRANSITION
CONC	CONCRETE	HR	HOUR	SCW	SOLID CORE WOOD
CONSTR	CONSTRUCTION	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	SECT	SECTION
CONT	CONTINUOUS / CONTINUE	HWD	HARDWOOD	SF	SQUARE FEET
CONTR	CONTRACTOR	IBC	INTERNATIONAL BUILDING CODE	SFI	SPRAY FOAM INSULATION
COORD	COORDINATE	ID	INSIDE DIAMETER	SFRM	SPRAYED FIRE RESISTIVE MATERIAL
CPT	CARPET	INCL	INCLUDE(D), (ING)	SHR	SHOWER
CR	CARD READER	INSUL	INSULATE(D), (ING)	SIM	SIMILAR
CRB	COVERED RUBBER BASE	INT	INTERIOR	SPEC	SPECIFICATION(S)
CTR	CERAMIC OR PORCELAIN TILE	JAN	JANITOR'S CLOSET	SS	STAINLESS STEEL
D	DRYER	JT	JOINT	SSM	SOLID SURFACE MATERIAL
DBL	DOUBLE	KIT	KITCHEN	STD	STANDARD
DEG	DEGREE	KIT	KITCHEN	STOR	STORAGE
DEMO	DEMOLISH / DEMOLITION	KPL	KICK PLATE	STR	STRUCTURE
DET, DTL	DETAIL	L	LENGTH	SUSP	SUSPENDED
DIA	DIAMETER	LAM	LAMINATE(D)	SUSP CLG	SUSPENDED CEILING
DIM	DIMENSION	LBL	LABEL	SV	SHEET VINYL
DR	DOOR	LOCKR	LOCKER	SYS	SYSTEM
DS	DOWNSPOUT	LIN	LINOLEUM	TB	TACK BOARD
DWG	DRAWING(S)	LT	LIGHT	TEMP	TEMPERED, TEMPORARY
DWN	DOWN	LVL	LAMINATED VENEER LUMBER	TME	TO MATCH EXISTING
DWR	DRAWER	LVT	LUXURY VINYL TILE	TO	TOP OF
EA	EACH	MATL	MATERIAL(S)	TYP	TYPICAL
EL	ELEVATION	MAX	MAXIMUM	TZ	TERRAZZO
ELEC	ELECTRICAL	MB	MARKER BOARD	UNO	UNLESS NOTED OTHERWISE
ELEV	ELEVATOR	MECH	MECHANICAL	VB	VINYL BASE
EDS	EDGE OF SLAB	MFR	MANUFACTURE(R)	VCT	VINYL COMPOSITE TILE
EP	EPOXY FLOORING	MIN	MINIMUM	VERT	VERTICAL(LY)
EQ	EQUAL(LY)	MISC	MISCELLANEOUS	VIF	VERIFY IN FIELD
EQPT	EQUIPMENT	MP	METAL PANEL	VIN	VINYL
EW	EACH WAY	MTD	MOUNTED	VT	VINYL TILE
EWG	ELECTRIC WATER COOLER	MTL	METAL	VWC	VINYL WALL COVERING
EXIST	EXISTING	MULL	MULLION	W	WIDTH
EXP	EXPANSION	MWK	MILLWORK	W/	WITH
EXT	EXTERIOR	N	NORTH	W/O	WITHOUT
FAAP	FIRE ALARM ANNUNCIATOR PANEL	NIC	NOT IN CONTRACT	WB	WOOD BASE
FACP	FIRE ALAM CONTROL PANEL	NO, #	NUMBER	WC	WATER CLOSET
FBO	FURNISHED BY OTHERS	NR	NOISE REDUCTION	WD	WOOD
FDC	FIRE DEPARTMENT CONNECTION	NRC	NOISE REDUCTION COEFFICIENT	WGT	WEIGHT
FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	WIN	WINDOW
FEC	FIRE EXTINGUISHER CABINET	OC	ON CENTER	WM	WALK-OFF MAT/ FLOORING
FF	FINISH FLOOR	OFF	OFFICE	WTW	WALL TO WALL
FIN	FINISH(ED)	OH	OPPOSITE HAND		
FLR	FLOOR(ING)	OPNG	OPENING		
FLUOR	FLUORESCENT	OTD	OPEN TO DECK		
FO	FACE OF				
FOB	FACE OF BRICK				

GENERAL NOTES: CONSTRUCTION

- CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SITE, FIELD AND BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS AND COMMENCING WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, CONFERENCE WITH CONSTRUCTION MANAGER AND ARCHITECT/ENGINEER FOR RESOLUTION.
- DO NOT SCALE DRAWINGS. ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES, DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON FLOOR PLANS. IN CASE OF CONFLICT, NOTIFY ARCHITECT. FIELD VERIFY ALL DIMENSIONS.
- CONTRACTOR SHALL FURNISH ALL ADDITIONAL DATA AND DOCUMENTATION TO SECURE ALL REQUIRED PERMITS AND SHALL COORDINATE THIS DATA AND DOCUMENTATION WITH THE CONSTRUCTION DOCUMENTS WHERE REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING AND CLOSING OUT ALL NECESSARY AND APPLICABLE PERMITS AND INSPECTION TO CONSTRUCT THE WORK. THIS SHALL INCLUDE BUT NOT BE LIMITED TO STATE, COUNTY AND LOCAL GOVERNMENT AGENCIES.
- FIRE-RATED GYPSUM WALL ASSEMBLIES - THE CONTRACTOR SHALL PROVIDE FOR THE FOLLOWING:
 - COMBUSTIBLE MATERIAL SHALL ABSOLUTELY NOT BE ALLOWED TO PENETRATE THE FIRE-RATED GYPSUM WALL MEMBRANE (ASSEMBLY). THIS INCLUDES INTERSECTIONS OF NON-RATED PARTITIONS WITH FIRE-RATED PARTITIONS.
 - FIRE-RATED WALLS SHOWN ARE TESTED ASSEMBLIES AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TESTING AGENCY SPECIFICATION SHOWN ON THESE DRAWINGS. NO DEVIATION FROM SPECIFICATION SHALL BE ALLOWED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT AND PERMITTING AGENCY.
 - STUD OR JOIST SPACING SHOWN ARE MINIMAL VALUES. IE: STUD OR JOIST SPACING CANNOT EXCEED THE TESTED ASSEMBLY SPECIFICATION. STUD AND JOISTS ARE MINIMUMS.
 - GYPSUM BOARD USED IN THE SPECIFIED ASSEMBLY SHALL HAVE THE PROPER UL LISTING OR OTHER AGENCY SPECIFICATION STENCILED ON THE REVERSE SIDE OF THE BOARD INDICATING THAT THE GYPSUM BOARD IS TO BE USED IN THE SPECIFIED ASSEMBLY.
 - GYPSUM BOARD ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED VERTICALLY, HORIZONTALLY OR THROUGH ANY OFFSETS REQUIRED. ALL PENETRATIONS THROUGH THE WALL SHALL BE PROPERLY FIRESTOPPED WITH THE SPECIFIED FIRE STOP SYSTEM SPECIFIED ON THE DRAWINGS.
- ANY DISTURBED OR NEWLY CONSTRUCTED FIRE-RATED WALL ASSEMBLIES SHALL BE IDENTIFIED AS FOLLOWS:
 - ALL UL-RATED WALL ASSEMBLIES SHALL BE IDENTIFIED WITH STENCILING ABOVE THE FINISHED CEILING ON BOTH FACES. ON ALL WALLS AS "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS" WITH HOUR RATING INCLUDED. SUCH IDENTIFICATION SHALL BE LOCATED WITHIN 15' OF THE END OF EACH WALL, AT INTERVALS NOT TO EXCEED 30'. LETTERING NOT LESS THAN 3" IN HEIGHT WITH MIN 3/8" STROKE IN CONTRASTING COLOR.
- AROUND ALL EXPOSED PIPES, CONDUIT OR DUCTS, INSTALL ENCLOSURES OF THE SAME MATERIAL AND FINISH AS ADJACENT WORK, UNLESS NOTED OTHERWISE.
- PROVIDE AND INSTALL ALL NECESSARY SUPPORT, BLOCKING, ANCHORING AND BRACING FOR ELECTRIC LIGHT FIXTURES, MECHANICAL EQUIPMENT, PIPES, MARKERBOARDS, TACKBOARDS, CCTV, INTERCOM, PROJECTORS, TOILET ACCESSORIES, BLINDS, GRAB BARS, ETC.
- ANY SURFACES OR AREAS NOT CLEARLY DEFINED OR INDICATED BY FINISH SCHEDULE SHALL BE OF SAME MATERIAL AND FINISH AS SURFACES OR AREAS OF SIMILAR USE ELSEWHERE.
- FINISHES SHOWN IN SCHEDULE TO EXTEND OVER, UNDER AND BEHIND CABINETS, COUNTERS, EQUIPMENT, FURNISHINGS, CHALK AND TACK BOARDS, RACKS, AND FIXTURES APPROXIMATELY 1"-2", WALLS BEHIND SAME TO BE FILLED AND PRIMED.
- WALL FINISHES SHALL INCLUDE ALL PROJECTIONS, RECESSES, COLUMNS, ENCLOSURES, BULKHEADS AND SOFFITS..
- EXTERIOR PERIMETER OF ALL WINDOWS, DOOR FRAMES, LOUVERS OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL SHALL BE SEALED WEATHER TIGHT WHETHER INDICATED ON DRAWINGS OR NOT.
- CEILING FINISHES SHALL INCLUDE ALL PROJECTIONS, BEAMS, BOXED ENCLOSURES, BULKHEADS AND SOFFITS.
- SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL VERTICAL AND HORIZONTAL MASONRY WALL REINFORCEMENT.
- FIELD CHECK ALL ROUGH AND/OR FINISH DIMENSIONS FOR ACCURATE FITTING OF EQUIPMENT, CABINETS, COUNTERS, FIXTURES AND ACCESSORIES BEFORE FABRICATION. PROVIDE AND INSTALL ALL NECESSARY FILLERS, SCRIBE STRIPS, PANELS, BASES OR TRIM TO COMPLETE AND FINISH INSTALLATIONS.
- CONSULT PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND DESCRIPTION OF ACCESS PANELS, LOUVER OPENINGS, VENTILATORS, GRILLES, REGISTERS, PANELS, VALVE CABINETS, DRINKING FOUNTAINS, ETC.
- ALL SWITCHES, OUTLETS, THERMOSTATS, CLOCKS, SPEAKERS, FLAG POLE HOLDERS OR OTHER WALL MOUNTED DEVICES OR CONTROLS SHALL BE INSTALLED IN LOCATIONS WHICH ARE UNOBSTRUCTED BY CABINETS, COUNTERS, RACKS, FIXTURES, CHALK AND TACK BOARDS, FURNISHINGS OR EQUIPMENT. ITEMS INTENDED FOR WALL MOUNTING SHALL NOT BE INSTALLED ON, THROUGH OR INTO ANY OTHER EQUIPMENT UNLESS SPECIFICALLY CALLED FOR. VERIFY MOUNTING HEIGHTS WITH ADA REQUIREMENTS.
- PROVIDE AND INSTALL ALL NECESSARY HARDWARE, BRACKETS, BRACING, ANCHORING, INSERTS, BLOCKING, FURRING OR OTHER SUPPLEMENTARY ITEMS NEEDED FOR COMPLETE INSTALLATION OF EQUIPMENT, CABINETS, FIXTURES, ACCESSORIES, DISPLAY CASES, TV DISPLAYS, MIRRORS, HAND RAILS, SAFETY HOOKS, COUNTERS AND GRAB BARS, KNOX BOXES OR THE EQUAL, ADDRESS NUMBERS AND NAMES, SIGNAGE, FIRE ALARM CONTROL PANELS, BUILDING MAINTENANCE SYSTEM AND BI-DIRECTIONAL AMPLIFIER (BDA) EMERGENCY RADIO SYSTEM.
- COORDINATE AND PROVIDE BLOCKING IN PARTITIONS AND CEILINGS FOR CASEWORK, AUDIO VISUAL DEVICES AND EQUIPMENT, TOILET ROOM ACCESSORIES AND PARTITIONS ETC. FOR WALL AND CEILING ATTACHED ITEMS.



ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02/25/2026

REVISIONS	NO.	REASON	DATE
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PROJECT TEAM
PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL
PROJECT NO.

814C632800

SHEET TITLE
ABBREVIATIONS,
SYMBOLS, GENERAL
NOTES

SHEET NUMBER

A-G001

F

E

D

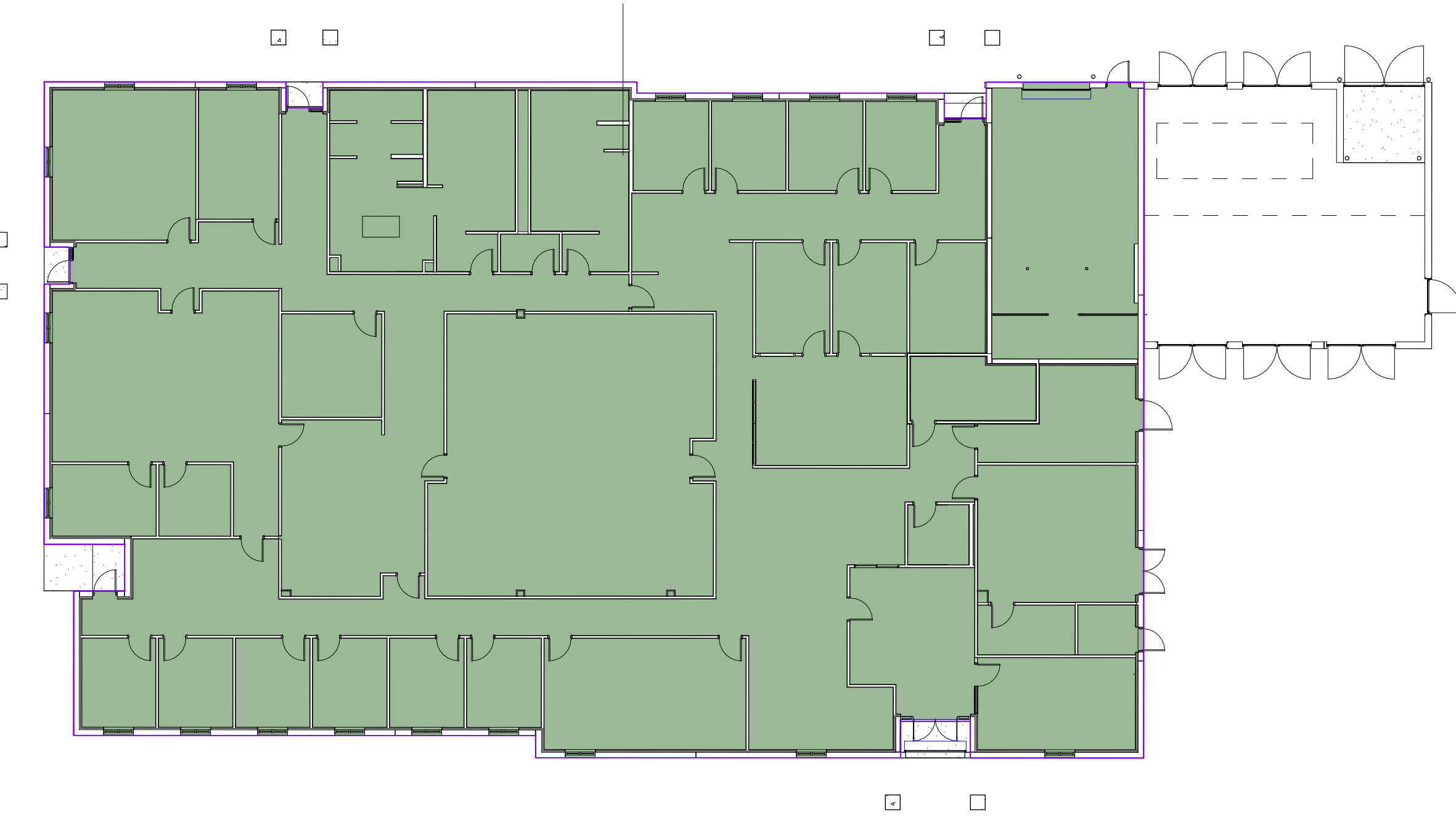
C

B

A

Building Area
13057 SF

Gross Building Area



LEVEL 01

2023 FLORIDA STATE BUILDING CODE, 8TH EDITION - BUILDING CODE SUMMARY

PROJECT INFORMATION

Name of Project: COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A - SERVICE CENTER
Address: COUNTY ROAD 25A, LAKE CITY, FL Zip Code: 32055
Proposed Use: BUSINESS / A-3
Owner/Authorized Agent: JOEL JONES Phone #: (561) 339-5349 E-mail: joel.jones@fpl.com
Owned By: City/County Private School Board
Code Enforcement Jurisdiction: City County School Board

DESIGN PROFESSIONAL INFORMATION

LEAD DESIGN PROFESSIONAL LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING
DESIGNER FIRM NAME LICENSE # PHONE # E-MAIL
Architectural LITTLE SEAN TRACY 407-218-6286 sean.tracy@littleonline.com
Civil KIMLEY HORN CHRIS REUTHER 386-677-2482 chris.reuther@kimley-horn.com
Electrical CARDINAL DAVID LITHGOW 502-326-3085 david@ceaseengineers.com
Fire Alarm CARDINAL 407-767-5188
Plumbing CARDINAL SCOTT RAYNOR: sraynor@ceaseengineers.com
Mechanical CARDINAL 502-475-5945
Sprinkler-Standpipe JEZERINAC RONALD JEZERINAC 704-561-7561 rjezerinac@jezerinacgroup.com
Structural JEZERINAC
Retaining Walls >5' High

CODE INFORMATION

Florida Building Code 8th Edition (2023) code: New Construction Addition Upfit
Existing: Reconstruction Alteration Repair Renovation
Constructed: (Date) N/A Original Use(s) (Ch. 3): XXX
Renovated: (Date) N/A Current Use(s) (Ch. 3): N/A
Proposed Use(s) (Ch. 3): N/A

BASIC BUILDING DATA

Construction Type: (Check all that apply) I-A I-B II-A II-B III-A III-B IV-HT V-A V-B
Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Yes Class: I II III Wet Dry
Fire District: No Yes (Primary) Flood Hazard Area: No Yes
Building Height: Feet: 17'-4"

Gross Building Area (SQ FT): 13,057 SQ FT

STRUCTURAL DESIGN

THRESHOLD INSPECTIONS REQUIRED: Yes No

Yes No BUILDING IS GREATER THAN 3 STORIES, OR
Yes No ASSEMBLY OCCUPANCY THAT EXCEEDS 5,000 SF
AND OCCUPANT CONTENT GREATER THAN 500 PERSONS

ALLOWABLE AREA / OCCUPANCY CLASSIFICATION

Occupancy(s):

Assembly A-1 A-2 A-3 A-4 A-5
Business B
Educational E
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
Institutional I-1 I-2 I-3 I-4
I-3 Condition 1 2 3 4 5
Mercantile M
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-Piled Enclosed Repair Garage
Utility & Miscellaneous U
Parking Garage Open Enclosed Repair Garage

Accessory Occupancy:

Assembly A-1 A-2 A-3 A-4 A-5
Business B
Educational E
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
Institutional I-1 I-2 I-3 I-4
I-3 Condition 1 2 3 4 5
Mercantile M
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-Piled Enclosed Repair Garage
Utility & Miscellaneous U
Parking Garage Open Enclosed Repair Garage

Incidental Uses: (Table 509):

Furnace room where any piece of equipment is over 400,000 Btu per hour input
Rooms with boilers where the largest piece of equipment is over 15 psi and 10 horsepower
Refrigerant machine room
Hydrogen cutoff rooms, not classified as Group H
Incinerator rooms
Paint shops, not classified as Group H, located in occupancies other than Group F
Laboratories and vocational shops, not classified as Group H, located in a Group E or I-2 occupancy
Group I-3 cells equipped with padded surfaces
Group I-2 waste and linen collection rooms
Waste and linen collection rooms over 100 square feet
Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,000 pounds used for facility standby power, emergency power or uninterrupted power supplies
Rooms containing fire pumps
Group I-2 storage rooms over 100 square feet
Group I-2 commercial kitchens
Group I-2 laundries equal to or less than 100 square feet
Group I-2 rooms or spaces that contain fuel-fired heating equipment
Special Uses: 402 403 404 405 406 407 408 409 410 411 412
413 414 415 416 417 418 419 420 421 422 423 424 449
450 451 452 453 454 455 456 457 458 459 460 461 462
463 464 465 466 467 468 469 Ch. 30 3109

Special Provisions: 510.2 510.3 510.4 510.5 510.6 510.7 510.8 510.9
Mixed Occupancy: No Yes Separation: 1 Hr. Exception: _____

Incidental Use Separation (509.4)
This separation is not exempt as a Non-Separated Use (see exceptions).
Non-Separated Use (508.3)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of A-3 = 1,389 SF
Allowable Area of A-3 = 38,000 SF
0.036
Actual Area of B = 11,688 SF
Allowable Area of B = 92,000 SF
0.12
= 0.156 ≤ 1.00

BUILDING #	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA	(C) AREA FOR FRONTAGE OR INCREASE ¹	(E) ALLOWABLE AREA OR UNLIMITED ³	(F) MAXIMUM BUILDING AREA ⁴
LEVEL 01	BUSINESS	11,688 SF	92,000 SF*	-	92,000 SF*	-
LEVEL 01	A-3	1,389 SF	38,000 SF*	-	38,000 SF*	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

*SPRINKLERED

¹Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum with = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum with of public way = _____ (W)
e. Percent of frontage increase I = (F/P ÷ 0.25) x W/30 = _____ (%)
²The sprinkler increase per Section 506.3 is as follows:
a. Multi-story building I = 200 percent
b. Single story building I = 300 percent
³Unlimited area applicable under conditions of Section 507.
⁴Maximum Building Area = total number of stories in the building x E (506.4.1). Maximum of 3.

SPECIAL APPROVALS

Special approval (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)

CODE SUMMARY

CODE SUMMARY - APPLICABLE BUILDING CODES

FLORIDA:
- FLORIDA BUILDING CODE = 8TH EDITION BLDG. 2023.
- FLORIDA BUILDING CODE = 8TH EDITION MECHANICAL. 2023.
- FLORIDA BUILDING CODE = 8TH EDITION ACCESSIBILITY. 2023.
- FLORIDA BUILDING CODE = 8TH EDITION PLUMBING. 2023.
- FLORIDA FIRE PROTECTION CODE = 8TH EDITION. 2023
- NFPA 1, FIRE CODE = 2021
- NFPA 101, LIFE SAFETY CODE = 2021
- NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2019
- NATIONAL ELECTRICAL CODE (NEC) = 2020.
COLUMBIA COUNTY:
- CODE OF ORDINANCES, COLUMBIA COUNTY, FLORIDA 2025

1. DISCIPLINES/CONSULTANTS TO INDEPENDENTLY VERIFY APPLICABLE LOCAL & STATE CODES W/ MUNICIPALITY. COORD. W/ ARCHITECT'S CODE SUMMARY.

FLORIDA PRODUCT APPROVALS

FPA NUMBER	COMPONENT	RATING	MFR.	MODEL / SERIES NO.	DATE APPROVED	EXPIRATION DATE	TYPE
DOORS							
10356.1	FLUSH DOUBLE DOOR	WIND / STATIC PRESSURE	STEELCRAFT (ALLEGION-SCHLAGE)	-	2/11/2025	12/31/2026	DOORS
10356.4	FLUSH DOUBLE DOOR WITH GLAZING	WIND / STATIC PRESSURE	STEELCRAFT (ALLEGION-SCHLAGE)	-	2/11/2025	12/31/2026	DOORS
10356.2	FLUSH SINGLE DOOR	WIND / STATIC PRESSURE	STEELCRAFT (ALLEGION-SCHLAGE)	-	2/11/2025	12/31/2026	DOORS
10356.3	FLUSH SINGLE DOOR WITH GLAZING	WIND / STATIC PRESSURE	STEELCRAFT (ALLEGION-SCHLAGE)	-	2/11/2025	12/31/2026	DOORS
18375-R4	ROLL-UP DOOR	WIND / IMPACT	THE COOKSON COMPANY	ESD20	6/28/2024	4/24/2028	DOORS
GLAZING							
12926.2	STOREFRONT SYSTEMS	WIND	YKK AP AMERICA	YES 45 FI	10/14/2025	12/31/2026	GLAZING
47623.3	SERVICE WINDOW	-	QUIKSERV	BP-7241E-IP	01/15/2026	-	GLAZING
ROOF							
151101.1	ROOF HATCH	WIND / IMPACT INFILTRATION / STATIC PRESSURE	BILCO CO.	TYPE S-20	2/4/2025	-	ROOF
16758.3	TPO	WIND	JOHNS MANVILLE	JM TPO - 60 MIL	-	1/21/2028	ROOF
2037.1	ROOFING INSULATION	WIND / IMPACT / STATIC PRESSURE	CELCORE INC.	MF CELLULAR CONCRETE	01/01/2024	-	ROOF

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 504.3a)	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type: IIB	Type: IIB	
Building Height in Feet	Feet: 75'-0"	Feet: 17'-4"	
Building Height in Stories	Stories: 3	Stories: 1*	

*SPRINKLERED

FIRE PROTECTION REQUIREMENTS

Life Safety Plan Sheets: REFER TO G SERIES

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REDD	RATING PROVIDED (w/ REDUCTION)	CODE REF.	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses		0	0				
Bearing Walls		0	0				
Exterior		0	0				
North		0	0				
East		0	0				
West		0	0				
South		0	0				
Interior		0	0				
Nonbearing Walls and Partitions							
Exterior walls (USE TABLE 603 FOR FIRE SEPARATION DISTANCE)							
North (FSD IS GREATER THAN 30'-0")		0	0				
East (FSD IS GREATER THAN 30'-0")		0	0				
West (FSD IS GREATER THAN 30'-0")		0	0				
South (FSD IS GREATER THAN 30'-0")		0	0				
Interior walls and partitions		0	0				
Floor Construction							
Including supporting beams and joists		0	0				
Roof Construction							
Including supporting beams and joists		0	0				
Shaft Enclosures - Exit		NA	NA				
Shaft Enclosures - Other		NA	NA				
Corridor Separation		0	0				
Occupancy Separation (SEE CODE SECTION 508)		1	1				
Party/Fire Wall Separation		NA	NA				
Smoke Barrier Separation		NA	NA				
Incidental Use Separation							

*Indicate section number permitting reduction

LIFE SAFETY SYSTEMS - EXISTING OR NEW SYSTEMS - REQUIRED FOR ALL PROJECTS

Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: No Yes
Smoke Detection Systems: No Yes Partial
Panic Hardware: No Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: Level One = G111
Fire and/or smoke rated wall locations (Chapter 7)
Assumed and real property line locations
Exterior wall opening area with respect to distance to assumed property lines (705.8)
Existing structures within 30' of the proposed building
Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
Occupant loads for each area
Exit access travel distances (1017.2) = 250' (A-3); 300' (B)
Common path of travel distances (1006.2.1) = 75' (A-3); 100' (B)
Common path of travel in assembly spaces = 50' max. from any seat to a choice of two exits (> 50 occupants)
Dead end lengths (1020.4) = 20' (A-3); 50' (B) or 2.5 times the least corridor width
Corridor width (1020.2) = 44" Min. Provided - 60" Min
Panic Hardware required for doors serving a space with an occupant load of 50 or more
Clear exit widths for each exit door
Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
Actual occupant load for each exit door
A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
Location of doors with panic hardware (1008.1.10.1)
Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)
Location of doors with electromagnetic egress locks (1008.1.9.9)
Location of doors equipped with hold-open devices
Location of emergency escape windows (1029)
The square footage of each fire area (901.7)
The square footage of each smoke compartment (422.3)
Note any code exceptions or table notes that may have been utilized regarding the items above

PLUMBING FIXTURE REQUIREMENTS

PLUMBING FIXTURE REQUIREMENTS (Table 403.1)

OCCUPANCY USE GROUP AND/OR SPACE DESIGNATION	WATERCLOSETS		UNISEX	LAVATORIES		SHOWERS/ TUBS	DRINKING FOUNTAINS
	MALE	FEMALE		MALE	FEMALE		
LEVEL 01							
BUSINESS (156 OCCUPANTS)	2.5	2.5		1.9	1.9		1.6
EDUCATION (X OCCUPANTS)							
ASSEMBLED (30 OCCUPANTS)	0.4	7		0.2	2		0.1
STORAGE (X OCCUPANTS)	0	0		0	0		0
LEVEL 02							
BUSINESS (X OCCUPANTS)							
EDUCATION (X OCCUPANTS)							
ASSEMBLED (X OCCUPANTS)							
STORAGE (X OCCUPANTS)							
Total Required	3	4	NA	3	3	NA	2
Total Provided	5	9*	1	4	3	3 (M); 2 (F)	2

410.4 SUBSTITUTION.
IN OTHER OCCUPANCIES WHERE DRINKING FOUNTAINS ARE REQUIRED, WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS

* UNISEX TOILET INCLUDED IN THE REQUIRED COUNTS

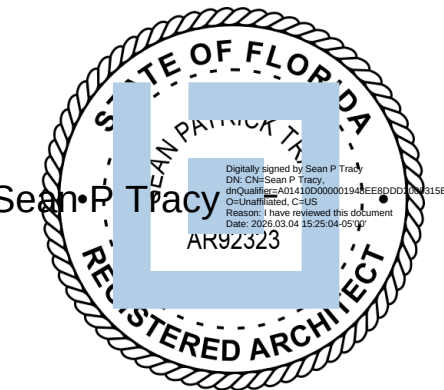
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ISSUE FOR
CONSTRUCTION
DOCUMENTS

ISSUE DATE

02/25/2026

REVISIONS

NO. REASON DATE

PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

BUILDING DATA AND
CODE SUMMARY

SHEET NUMBER

A-G002

PROJECT TEAM

PERSONAL IN CHARGE

SEAN TRACY

PROJECT MANAGER

BENJAMIN BOYLES

DESIGN TEAM

ORL-COMMUNITY

PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

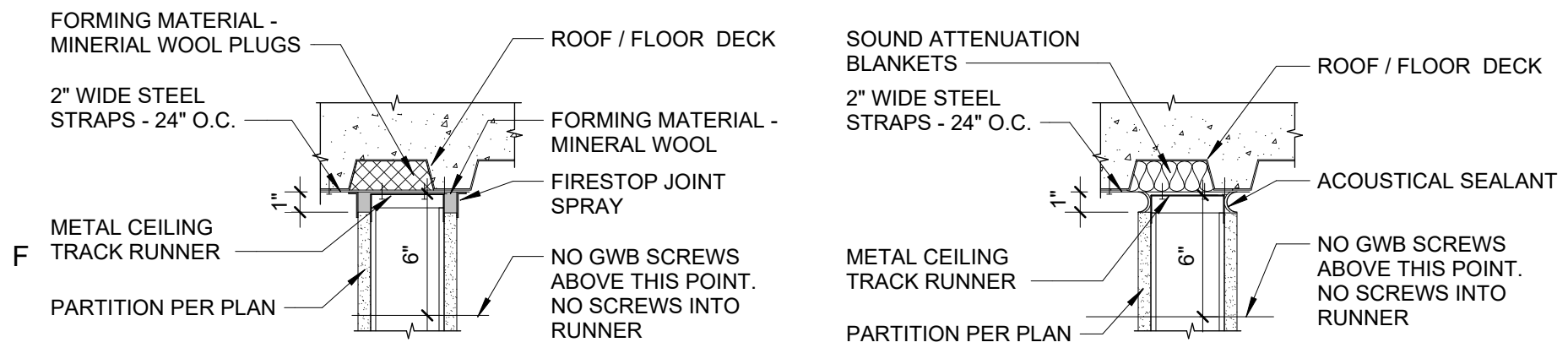
814C632800

BUILDING DATA AND
CODE SUMMARY

SHEET NUMBER

A-G002

GWB HEAD CONDITIONS



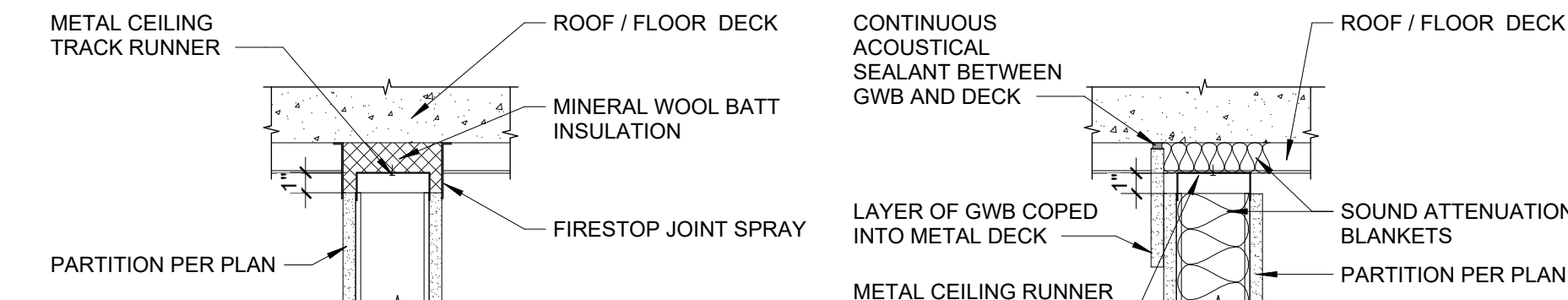
RATED HEAD CONDITION

NON RATED HEAD CONDITION

NON RATED HEAD CONDITION AT BEAM

HEAD - GWB - PARALLEL TO DECKING

1 1/2" = 1'-0"

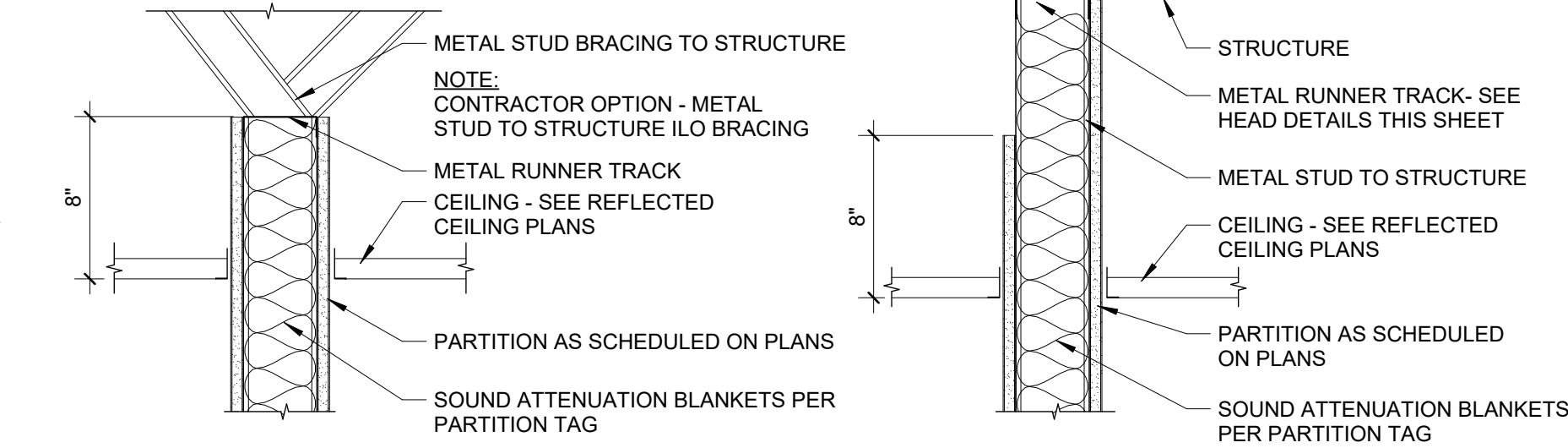


RATED CONDITION

NON - RATED CONDITION

HEAD - GWB - PERPENDICULAR TO DECK - COND. A

1 1/2" = 1'-0"



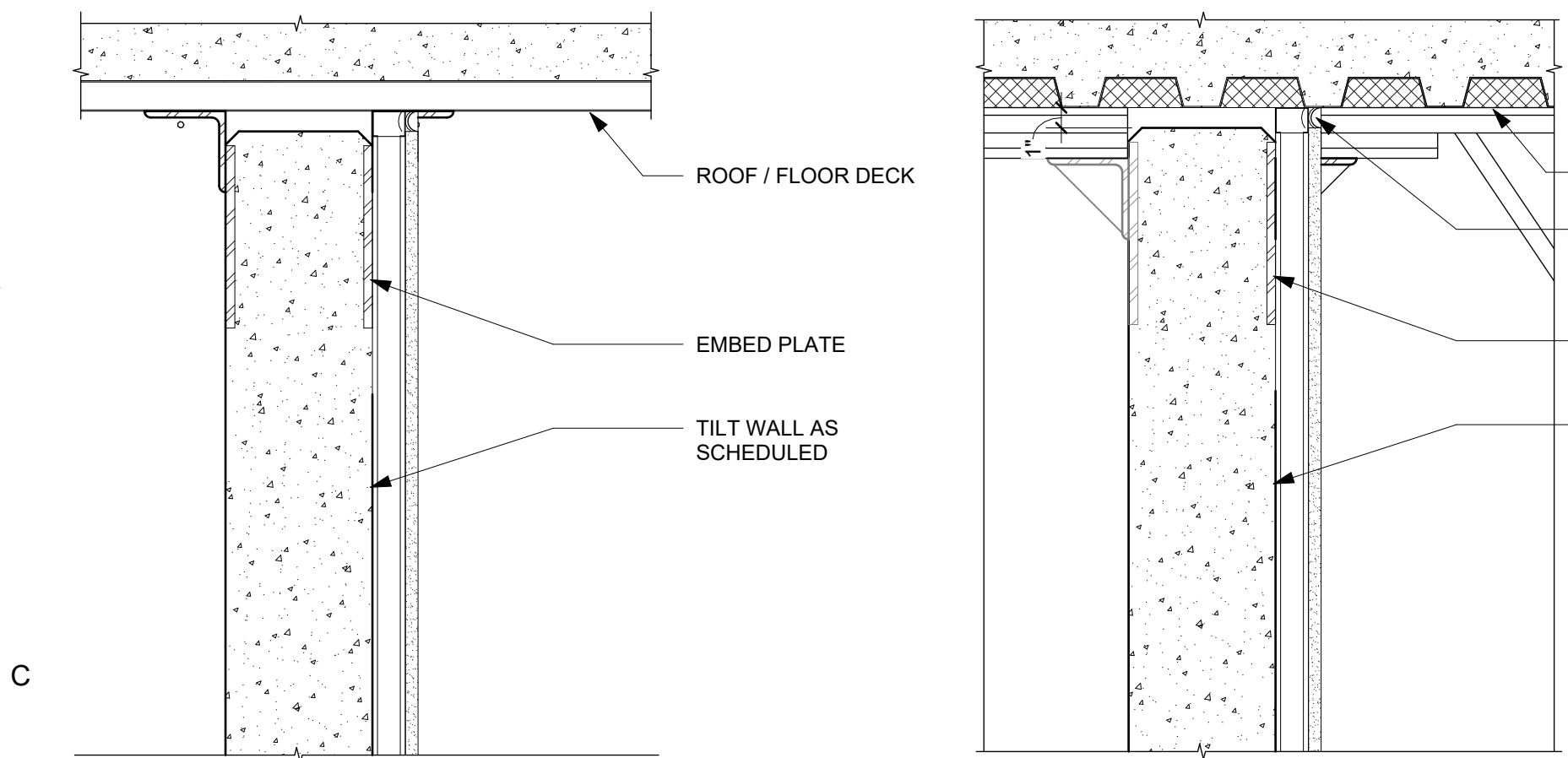
HEAD - GWB - COND. B(1)

1 1/2" = 1'-0"

HEAD - GWB - COND. B(2)

1 1/2" = 1'-0"

D FURRING HEAD CONDITIONS



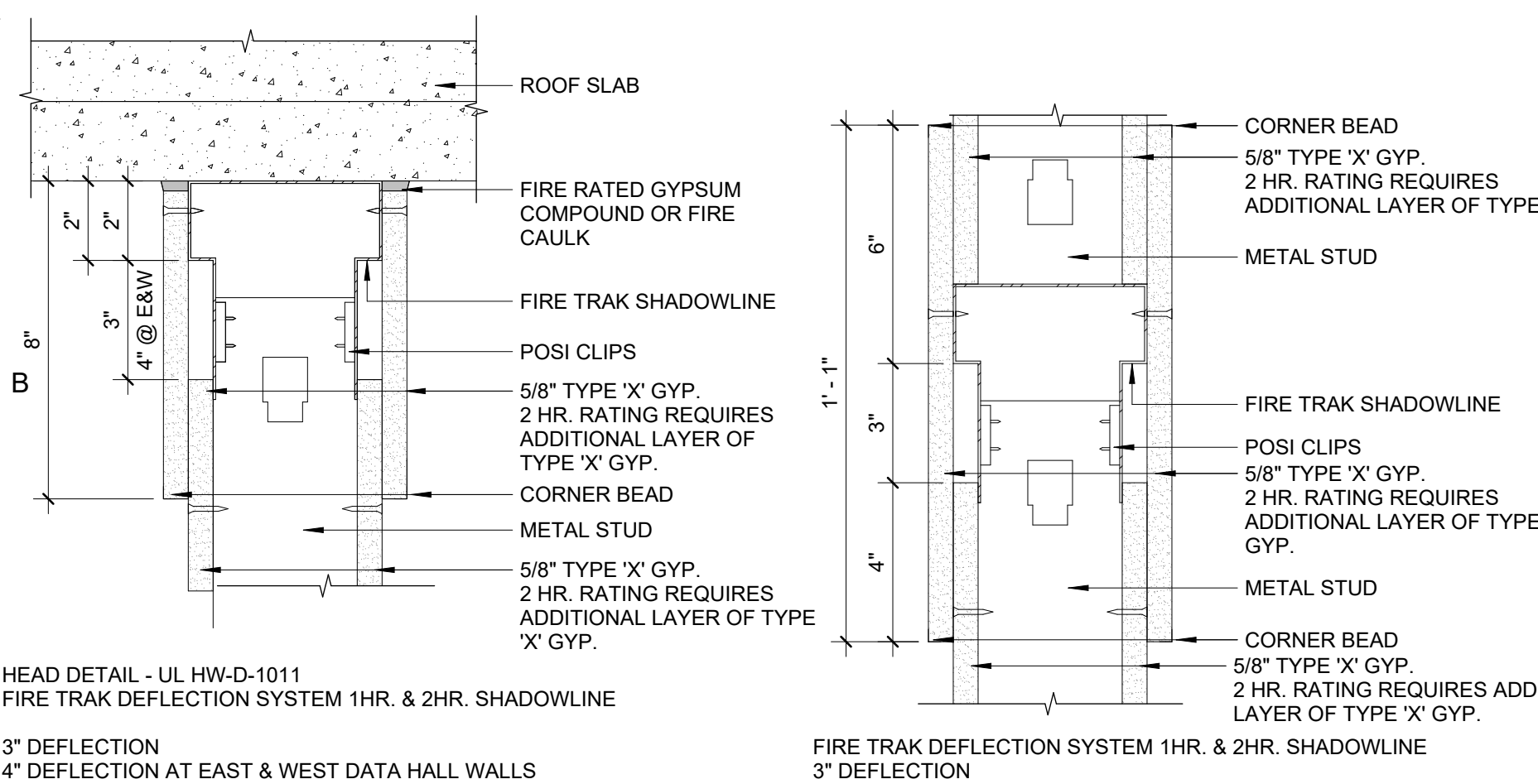
HEAD - FURRING - PERPENDICULAR DECK

1 1/2" = 1'-0"

HEAD - FURRING - PARALLEL DECK

1 1/2" = 1'-0"

HEAD DETAILS



HEAD OF WALL DETAIL - DEFLECTION TRACK

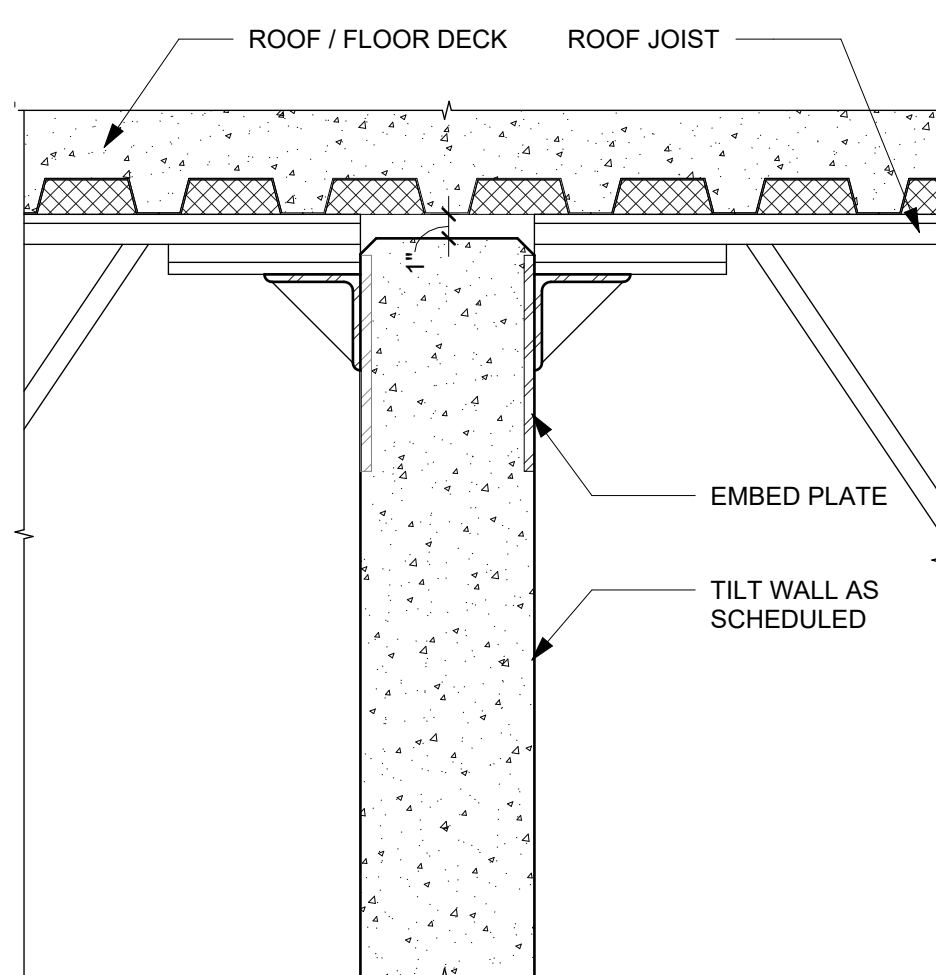
3" = 1'-0"

HEAD DETAIL - DEFLECTION TRACK

3" = 1'-0"

A

TILT PANEL HEAD CONDITIONS



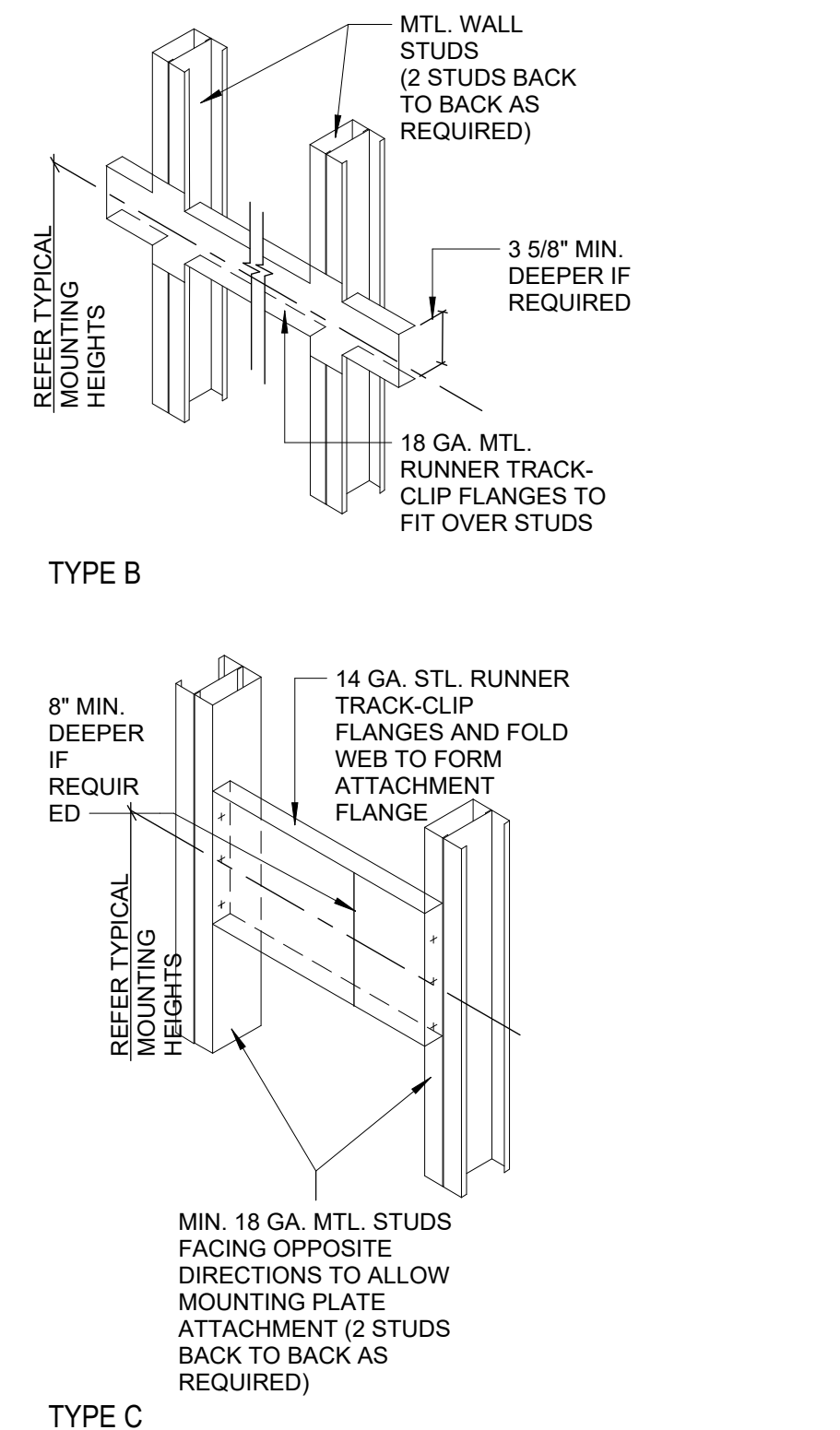
HEAD - TILT WALL - PARALLEL DECK

1 1/2" = 1'-0"

HEAD - FURRING - PARTIAL HEIGHT

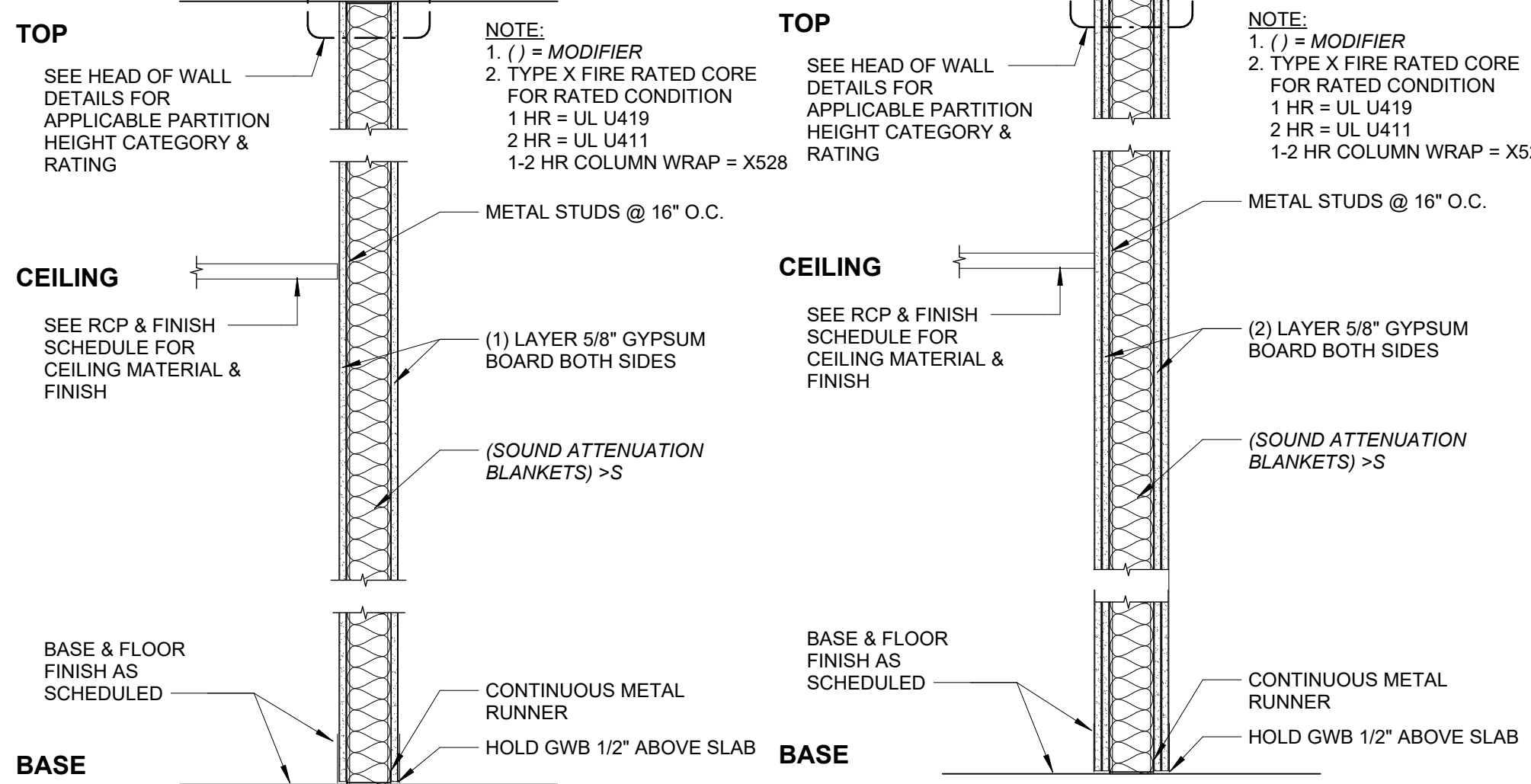
1 1/2" = 1'-0"

ACCESSORY/EQUIPMENT/KITCHEN BACKING



TYPE C

PARTITION TYPES

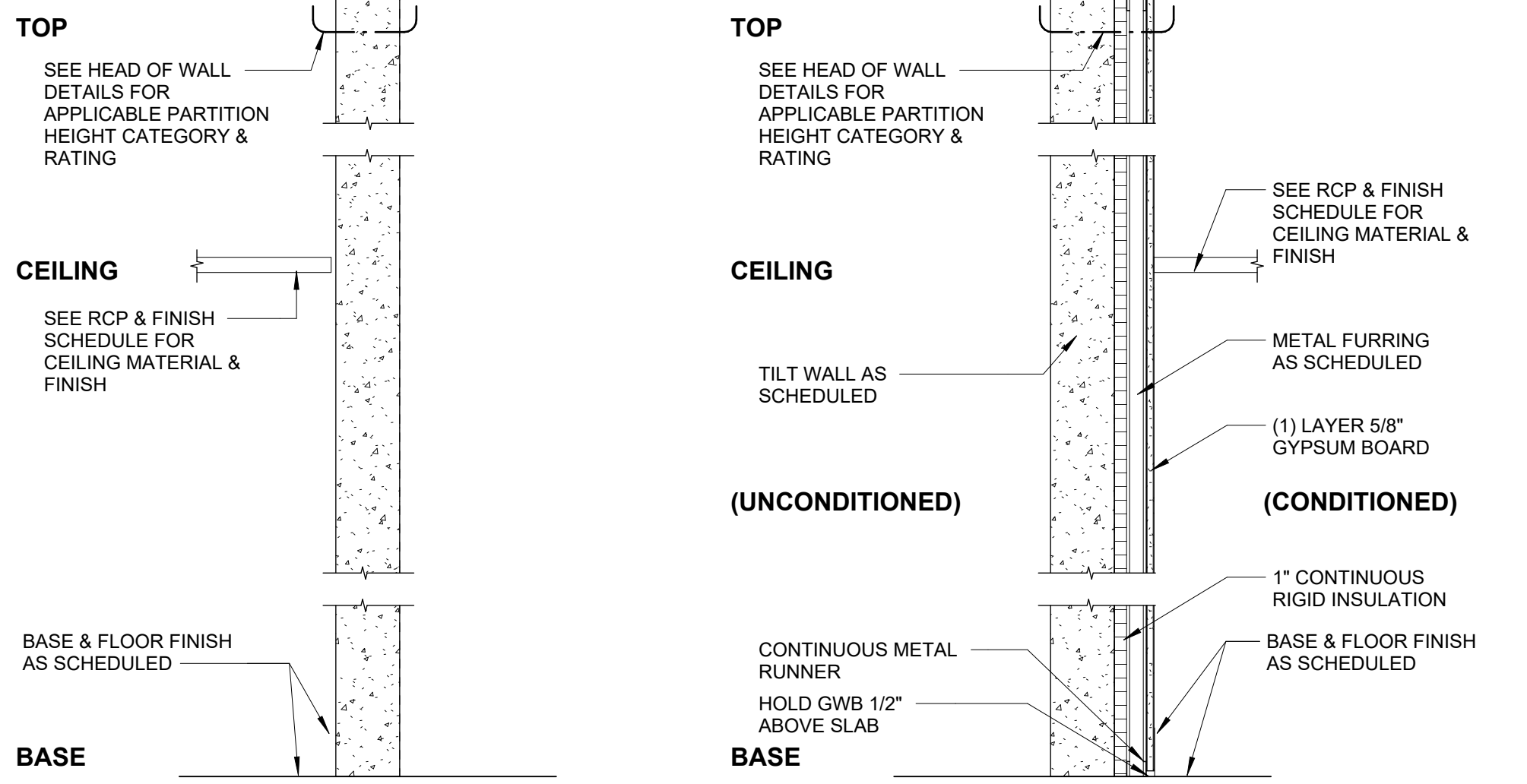


<XGXX> GWB - SLAB TO DECK (0-1HR)

1" = 1'-0"

<2GXX> GWB - SLAB TO DECK (2HR)

1" = 1'-0"

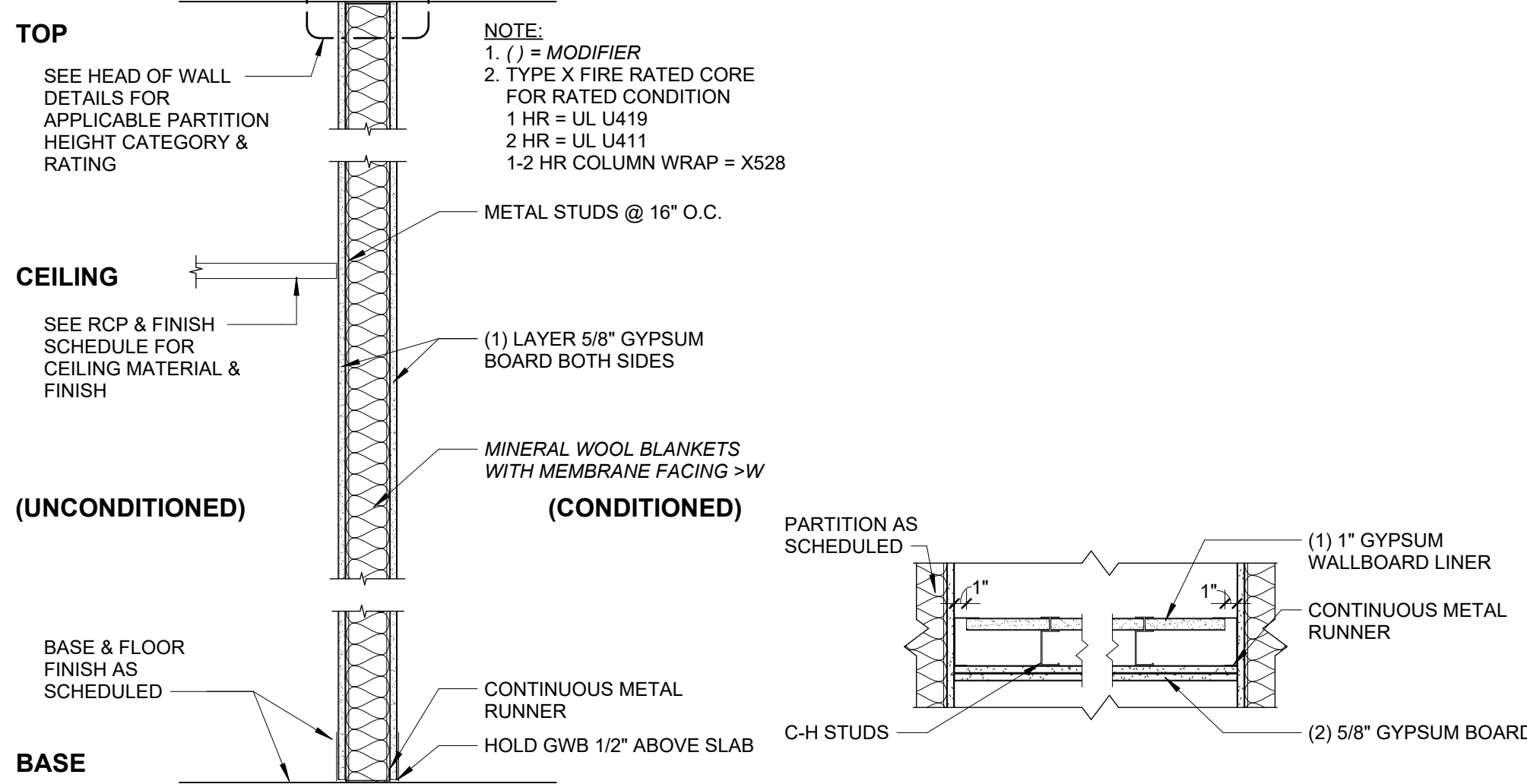


<XTXX> TILT WALL - SLAB TO DECK

1" = 1'-0"

<XXXX>RI FURRING (INSULATED) - SLAB TO DECK

1" = 1'-0"



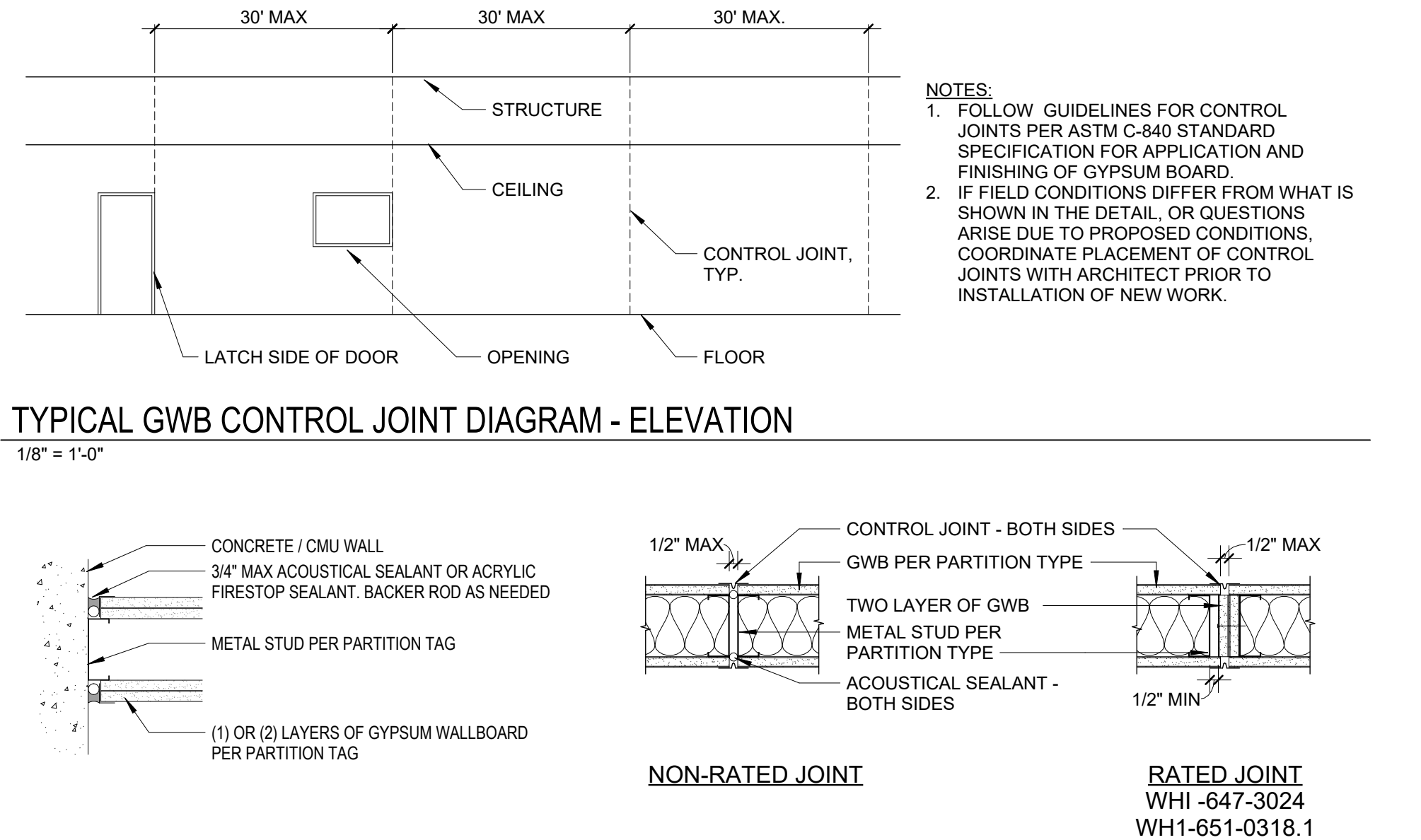
<XGXX>W GWB - SLAB TO DECK (0-1HR)

1" = 1'-0"

2HSW - 2HR HORIZONTAL SHAFT WALL (UL U438)

1" = 1'-0"

GWB CONTROL JOINTS



1/8" = 1'-0"

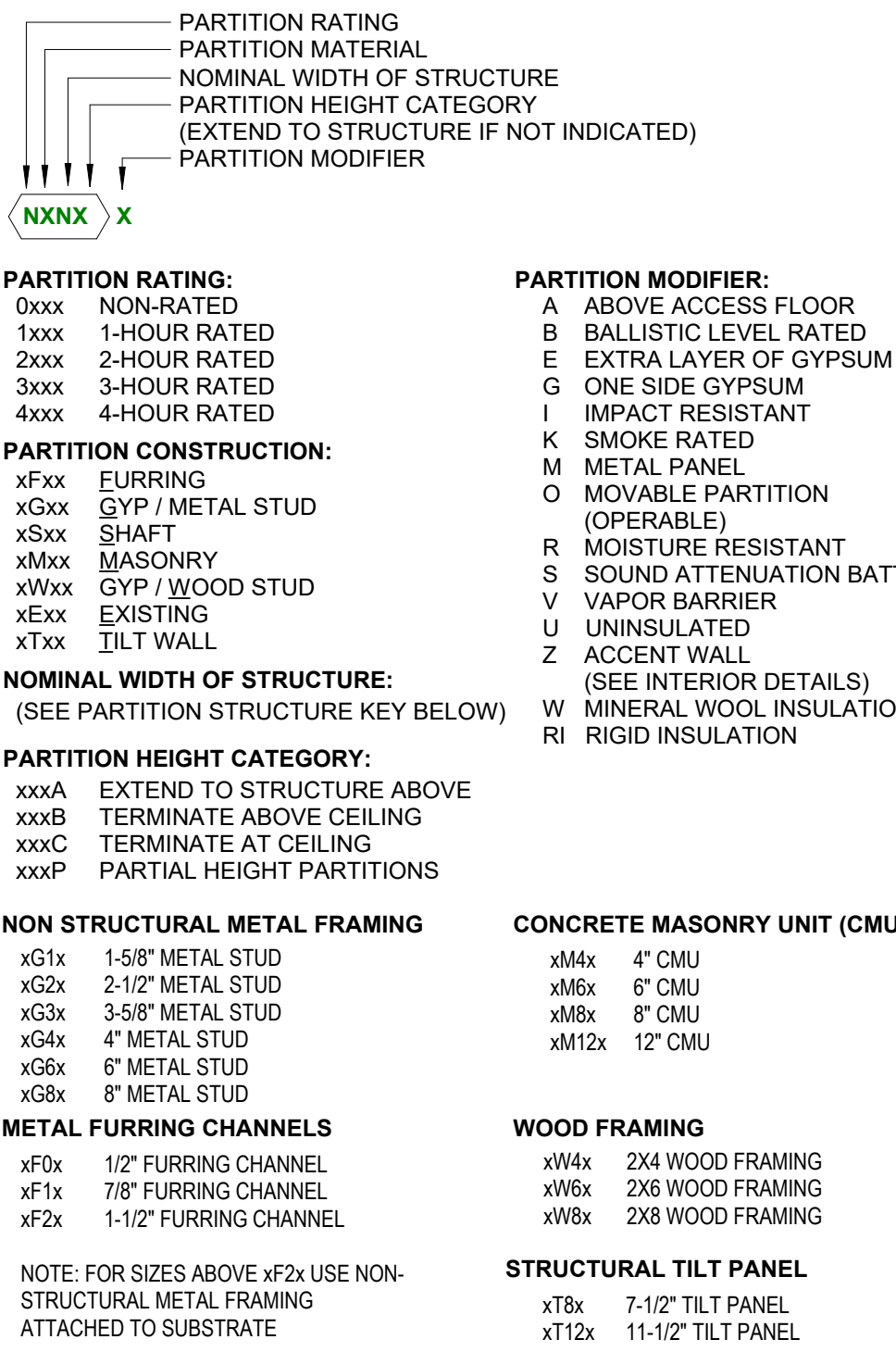
NON-RATED JOINT

RATED JOINT

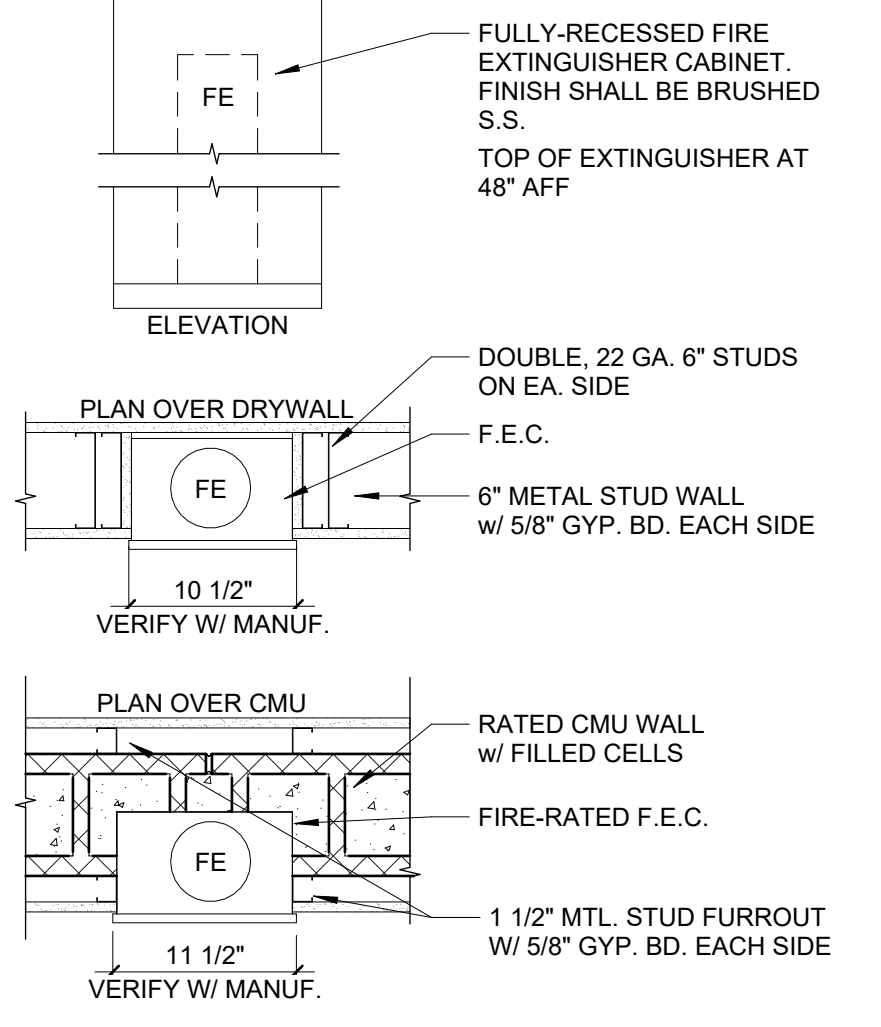
WH1-647-3024

WH1-651-0318.1

PARTITION LEGEND AND STRUCTURE KEY



FIRE EXTINGUISHER CABINET



NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

GENERAL NOTES - PARTITIONS

- FIRE- AND SMOKE-RATED PARTITION ASSEMBLIES CONTINUE TO STRUCTURE ABOVE HEAD CONDITION "A" UNLESS NOTED OTHERWISE, OR UNLESS OTHERWISE INDICATED BY THE CORRESPONDING FIRE RATED ASSEMBLY DIAGRAM.
- PROVIDE ACOUSTICAL CAULKING AROUND ALL PERIMETERS EDGES AND PENETRATIONS AT SOUND-INSULATED WALLS. OFFSET ELEC. AND TELEPHONE OUTLETS 16" MIN (SEPARATE STUD CAVITIES) AT SOUND INSULATED WALLS. PROVIDE ACOUSTICAL CAULKING AROUND ALL PERIMETERS EDGES AND PENETRATIONS.
- WALLS ARE DIMENSIONED TO FINISH FACE OF WALL, UNLESS INDICATED OTHERWISE. DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF FINISH.
- WHERE ADJACENT PARTITION TYPES ARE OF DIFFERENT OVERALL THICKNESS, ALIGN FINISHES ON VISIBLE SIDE, AND FURR OPPOSITE SIDE AS REQUIRED FOR A FLUSH INSTALLATION.
- PARTITION TYPES AROUND ROOMS AND SPACES SHALL BE CONTINUOUS AROUND THE ENTIRE SPACE, WHERE MORE THAN ONE PARTITION TYPE IS INDICATED, THE WALL TYPE WITH THE HIGHEST FIRE AND/OR ACOUSTICAL PERFORMANCE SHALL BE USED.
- FIRE STOP ALL PENETRATIONS THROUGH FIRE RATED WALLS TO THE LEVEL OF PROTECTION REQUIRED BY THE WALL. FIRE STOP AT PERIMETERS OF RATED WALLS WHERE VOIDS OCCUR, SUCH AS DECK FLUTES.
- REFER TO THE FINISH SCHEDULE AND/OR FLOOR PLANS FOR LOCATION OF FINISH MATERIALS FOR WALL TYPES INDICATING DIFFERENT FINISHES ON EACH SIDE OF WALL.
- WET WALLS IN TOILET ROOMS TO RECEIVE CERAMIC TILE SHALL USE MOISTURE-RESISTANT FIBERGLASS-MAT GYPSUM BOARD IN PLACE OF GWB.
- WET WALLS IN SHOWER STALLS TO RECEIVE CERAMIC TILE SHALL USE CEMENTITIOUS BACKER BOARD IN PLACE OF GWB.
- BRACE ALL CHASE WALLS FROM STUD TO STUD AT 4" OC MIN. VERTICAL AND PER MANUFACTURER'S RECOMMENDATION UNLESS NOTED OTHERWISE.
- PROVIDE STEEL STUD GAUGES AND/OR DIAGONAL BRACING AT TOPS OF WALLS PER MANUFACTURER'S RECOMMENDATIONS FOR WALL TYPE, HEIGHT AND USE BASED ON L/240 LIMITING HEIGHTS.
- ALL CORNERS AND EDGES EXPOSED TO VIEW SHALL RECEIVE METAL EDGE BEADS TREATED WITH DRYWALL COMPOUND TO A HEIGHT OF 6" ABOVE FINISHED CEILINGS MIN.
- ALL UL-RATED WALL ASSEMBLIES SHALL BE IDENTIFIED W/ STENCILING ABOVE THE FINISHED CEILING ON BOTH FACES, ON ALL WALLS AS "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS" WITH HOUR RATING INCLUDED. SUCH IDENTIFICATION SHALL BE LOCATED WITHIN 15" OF THE END OF EACH WALL, AT INTERVALS NOT TO EXCEED 30'. LETTERING NOT LESS THAN 3" IN HEIGHT WITH MIN 3/8" STROKE IN CONTRASTING COLOR.
- ALL MATERIALS USED IN RATED ASSEMBLIES SHALL CONFORM TO REFERENCED STANDARDS.
- USE MOISTURE - AND MOLD - RESISTANT GWB ON INTERIOR SIDE OF MECHANICAL ROOM WALLS.
- PROVIDE CONTINUOUS HORIZONTAL BRIDGING FOR WALLS EXTENDING 10'-0" OR GREATER IN HEIGHT FROM FINISH FLOOR.

LIMITING HEIGHTS - STEEL STUDS

	DEFLECTION LIMIT OF L/240	DEFLECTION LIMIT OF L/360
WALL HEIGHT	WITHOUT SHELVING	WITH SHELVING
<10'	362S125-18 16" O.C.	362S125-18 16" O.C.
<12'	362S125-18 16" O.C.	362S125-18 16" O.C.
<14'	362S125-18 16" O.C.	362S125-18 16" O.C.
<16'	362S125-33 16" O.C.	362S125-33 16" O.C.
<18'	362S125-43 16" O.C.	362S125-43 16" O.C.
<20'	362S125-68 16" O.C.	362S125-68 16" O.C.

NOTES:

- DESIGN LATERAL LOAD OF 5 PSF, AND NO VERTICAL LOAD (NON-LOAD-BEARING).
- DEFLECTION LIMIT OF L/360 SHALL BE USED FOR BRITTLE WALL FINISHES, SUCH AS TILE, TERRAZO, AND PLASTER. DEFLECTION LIMIT OF L/240 MAY BE USED FOR ALL OTHER CONDITIONS.
- "WITH SHELVING" DESIGN FOR 16" SHELVING UNIT, LOAD OF 73 POUNDS PER LINEAR FOOT INCLUDING CONTENTS, CENTERED 8" FROM FACE OF WALL, FOR ONE ROW OF SHELVING ROUGHLY 4' A.F.F.

MEMBER WEB DEPTH

(6" = 600 x 1/100')

FLANGE WIDTH

(1-5/8" = 1.625' = 162 x 1/100')

STYLE

S = STUD OR JOIST SECTION
T = TRACK SECTIONS
U = CHANNEL SECTIONS
F = FURRING CHANNEL SECTIONS

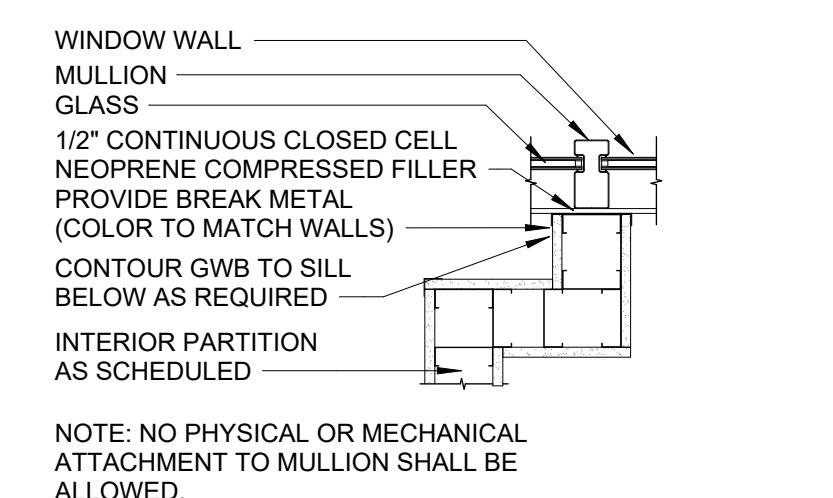
18 MIL = 25 GA
27 MIL = 22 GA
30 MIL = 20 GA (DRYWALL)
33 MIL = 18 GA
54 MIL = 16 GA
68 MIL = 14 GA

MIL THICKNESS
(.054" = 54 MILS; 1 MIL = 1/1000")

VERIFY WITH STRUCTURAL

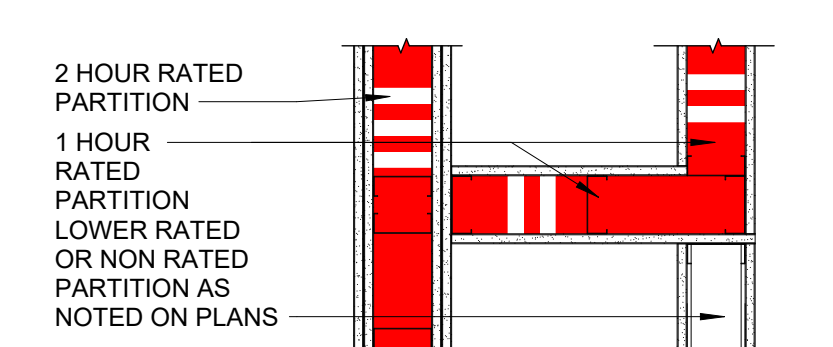
PARTITION HIERARCHY

PARTITION TO MULLION



NOTE: NO PHYSICAL OR MECHANICAL ATTACHMENT TO MULLION SHALL BE ALLOWED.

RATING HIERARCHY



LITTLE

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PROJECT TEAM

PRINCIPAL IN CHARGE

SEAN TRACY

PROJECT MANAGER

BENJAMIN BOYLES

DESIGN TEAM

ORL-COMMUNITY

PROJECT NAME

COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER

1855 NW COUNTY ROAD 25A,

LAKE CITY, FL

814C632800

PARTITION TYPES AND DETAILS

ISSUE FOR

CONSTRUCTION DOCUMENTS

ISSUE DATE

02/25/2026

REVISIONS

NO.	REASON	DATE
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SHEET NUMBER

A-G121

UL U411 - FIRE-RESISTANCE RATINGS

Product iQ®

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are evaluated by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of the resistance assemblies are advised to consult the general Guide information for each product category and each group of assemblies. The Guide information includes specific concerning alternate materials and alternate methods of construction.
- Only products which bear UL's mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

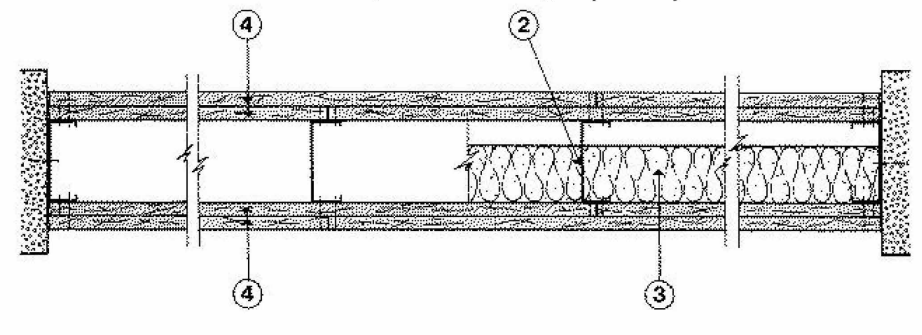
See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variations

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variations

Design No. U411

November 14, 2025

Nonbearing Wall Rating - 2 Hr.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Floor and Ceiling Runner - (Not Shown) - Min 25 MSG galv steel, 1 in. return legs, 2-1/2 in. deep (min).

attached to floor and ceiling with fasteners 24 in. OC max.

1A. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2A, channel shaped, min 2-1/2 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.

ALISTEEL & GYPSUM PRODUCTS INC - Type SUPREME D24/30EQ and Type SUPREME D20

CEMCO, LLC - Viper20™ Track

CONSOLIDATED FABRICATORS CORP., BUILDING PRODUCTS DIV - Type SUPREME D24/30EQ and Type SUPREME D20

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC - Viper20™ Track

QUAL RUN BUILDING MATERIALS INC - Type SUPREME D24/30EQ and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO - Type SUPREME D24/30EQ and Type SUPREME D20

STEL CONSTRUCTION SYSTEMS INC - Type SUPREME D24/30EQ and Type SUPREME D20

TELING INDUSTRIES L.L.C. - Type SUPREME D24/30EQ and Type SUPREME D20

UNITED METAL PRODUCTS INC - Type SUPREME D24/30EQ and Type SUPREME D20

1B. Floor and Ceiling Runners - (Not Shown) - For use with Item 2B, channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced 24 in. OC.

1C. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2C, channel shaped, min 2-1/2 in. wide, fabricated from min 0.015 in. thick gwy steel, attached to floor and ceiling with fasteners 24 in. OC max.

CLARKDITRICH BUILDING SYSTEMS - CD ProSTUD

DMFCWIS L.L.C. - ProSTUD

MBA METAL FRAMING - ProSTUD

RAM SALES L.L.C. - Rom ProSTUD

STEL STRUCTURAL PRODUCTS L.L.C. - Tri-S ProSTUD

1E. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2E, channel shaped, min 2-1/2 in. wide, fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners 24 in. OC max.

CEB (HONG KONG) LTD - Type KIBI

1F. Floor and Ceiling Runners - (Not Shown) - Channel shaped, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below, attached to floor and ceiling with fasteners spaced 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™ Track V100

IMPERIAL MANUFACTURING GROUP INC - Viper20™ Track

1G. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2G, channel shaped, min 2-1/2 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™ Track

1H. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2H, Channel shaped, attached to floor and ceiling with fasteners 24 in. OC max.

BAILEY METAL PRODUCTS LTD - Type PLATINUM PLUS

1I. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2I, channel shaped, min 2-1/2 in. wide, fabricated from min 0.018 in. thick gwy steel, attached to floor and ceiling with fasteners 24 in. OC max.

RESCUE METAL FRAMING, L.L.C. - AlphaTRAK

1J. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2J, channel shaped, min 2-1/2 in. deep, formed of min 25 MSG (0.018 in. min. bore metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper X

1K. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2K, channel shaped, min 2-1/2 in. deep, formed of min 25 MSG (0.018 in. min. bore metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper X

1L. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2L, channel shaped, min 2-1/2 in. deep, formed of min 25 MSG (0.018 in. min. bore metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper X

1M. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2M, channel shaped, min 2-1/2 in. deep, formed of min 25 MSG (0.018 in. min. bore metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper X

1N. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2N, channel shaped, min 2-1/2 in. deep, formed of min 25 MSG (0.018 in. min. bore metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper X

1O. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2O, channel shaped, min 2-1/2 in. deep, formed of min 25 MSG (0.018 in. min. bore metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper X

CEMCO, LLC - Viper X Track

1L. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2L, Channel shaped, min 2-1/2 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.

ALISTEEL & GYPSUM PRODUCTS INC - Type SUPREME D25

CONSOLIDATED FABRICATORS CORP., BUILDING PRODUCTS DIV - Type SUPREME D25

QUAL RUN BUILDING MATERIALS INC - Type SUPREME D25

SCAFCO STEEL STUD MANUFACTURING CO - Type SUPREME D25

STEL CONSTRUCTION SYSTEMS INC - Type SUPREME D25

TELING INDUSTRIES L.L.C. - Type SUPREME D25

UNITED METAL PRODUCTS INC - Type SUPREME D25

1M. Floor and Ceiling Runner - (Not Shown) - As an alternate to Item 1, For use with Items 2D and 4D - Min 25 MSG galv steel, 1-5/8 in. deep (min), attached to floor and ceiling with fasteners 24 in. OC max.

1N. Framing Members* - Floor and Ceiling Runner - Not Shown - In lieu of Item 1 - For use with Item 2P, proprietary channel shaped runners, 1-1/4 in. wide by min 2-1/2 in. deep fabricated from min 0.019 in. thick gwy steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

PANEL KEY S A - SUPRA Track 20EQ/29 mil

2. Steel Studs - Min 2-1/2 in. deep, formed of min 25 MSG galv steel max stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

2A. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALISTEEL & GYPSUM PRODUCTS INC - Type SUPREME D24/30EQ and Type SUPREME D20

CEMCO, LLC - Viper20™

CONSOLIDATED FABRICATORS CORP., BUILDING PRODUCTS DIV - Type SUPREME D24/30EQ and Type SUPREME D20

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

IMPERIAL MANUFACTURING GROUP INC - Viper20™

QUAL RUN BUILDING MATERIALS INC - Type SUPREME D24/30EQ and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO - Type SUPREME D24/30EQ and Type SUPREME D20

STEL CONSTRUCTION SYSTEMS INC - Type SUPREME D24/30EQ and Type SUPREME D20

2B. Steel Studs - (As an alternate to Item 2 - For use with Items 4D, 4H, and 4J) - Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2C. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. wide, fabricated from min 0.015 in. thick gwy steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDITRICH BUILDING SYSTEMS - CD ProSTUD

DMFCWIS L.L.C. - ProSTUD

MBA METAL FRAMING - ProSTUD

RAM SALES L.L.C. - Rom ProSTUD

STEL STRUCTURAL PRODUCTS L.L.C. - Tri-S ProSTUD

2D. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 2B, channel shaped studs, min 2-1/2 in. wide, fabricated from min 0.018 in. thick gwy steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDITRICH BUILDING SYSTEMS - CD ProTRAK

DMFCWIS L.L.C. - ProTRAK

MBA METAL FRAMING - ProTRAK

RAM SALES L.L.C. - Rom ProTRAK

STEL STRUCTURAL PRODUCTS L.L.C. - Tri-S ProTRAK

2E. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2F. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2G. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2H. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2I. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2J. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2K. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2L. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2M. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2N. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2O. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2P. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2Q. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2H. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

CONSOLIDATED FABRICATORS CORP., BUILDING PRODUCTS DIV - Type SUPREME D25

QUAL RUN BUILDING MATERIALS INC - Type SUPREME D25

SCAFCO STEEL STUD MANUFACTURING CO - Type SUPREME D25

STEL CONSTRUCTION SYSTEMS INC - Type SUPREME D25

TELING INDUSTRIES L.L.C. - Type SUPREME D25

UNITED METAL PRODUCTS INC - Type SUPREME D25

2I. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2J. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2K. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2L. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2M. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2N. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2O. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2P. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2Q. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2R. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2S. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2T. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2U. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2V. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2W. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2X. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2Y. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

2Z. Framing Members* - Steel Studs - As an alternate to Item 2 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

3A. Framing Members* - Steel Studs - As an alternate to Item 3 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

3B. Framing Members* - Steel Studs - As an alternate to Item 3 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

3C. Framing Members* - Steel Studs - As an alternate to Item 3 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20™

3D. Framing Members* - Steel Studs - As an alternate to Item 3 - For use with Item 1B, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

UL X528 - FIRE-RESISTANCE RATINGS

Product IQ®

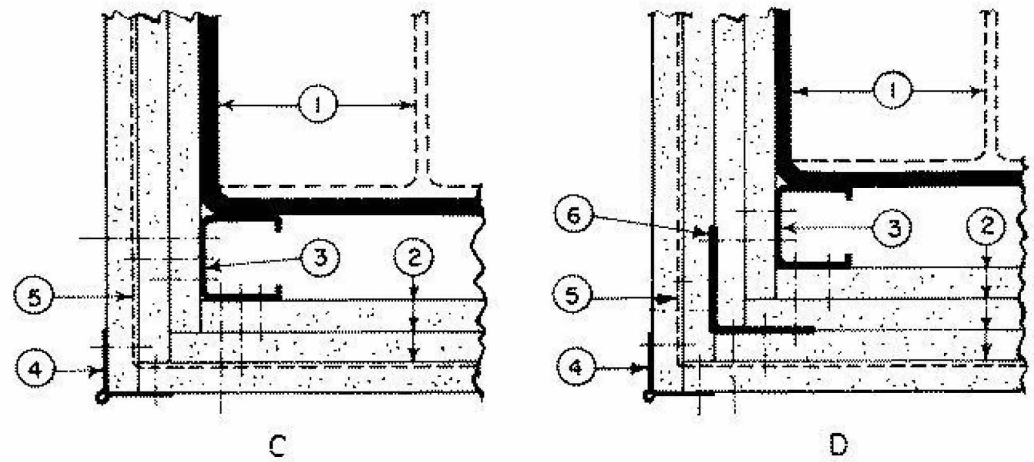
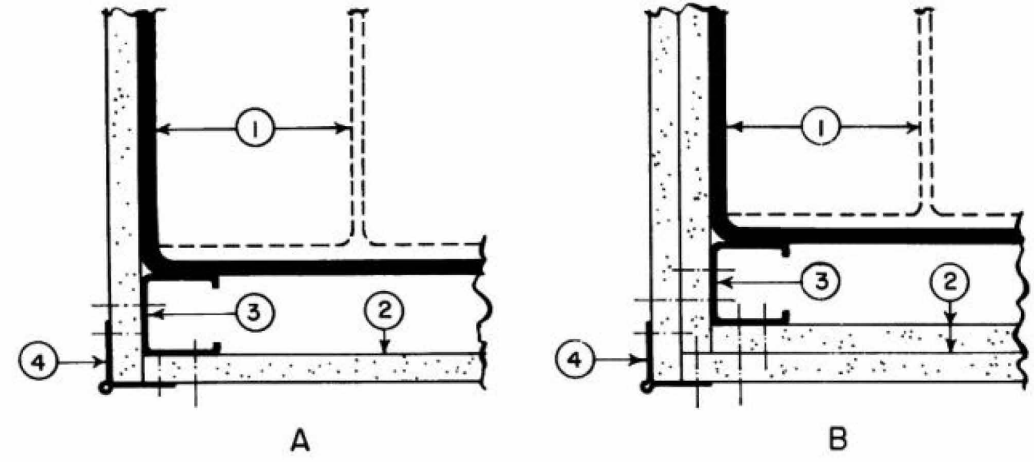
Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
Design Criteria and Allowable Variances
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. X528
October 9, 2025

Ratings – 1, 2 and 3 Hr.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



CORNER DETAILS OF WALLBOARD SUPPORT SYSTEMS WITHOUT STEEL COVERS

1. **Steel Column** – Min sizes of W-shaped and tubular steel column which appear in the AISI Steel Construction Manual as shown under Item 2.
2. **Gypsum Board*** – Any 1/2 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. X515, Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, O512 or U205. Nom 1/2 in. or 5/8 in. thick gypsum board. Applied in layers as noted in the above illustrations. Boards are to be applied vertically without horizontal joints. Min total thickness of layers in inches for the various ratings and min column sizes are as follows:

W Shaped Column Min Column Size	Rating (Hr)			Corner Details For Various Rating		
	1	2	3	1 Hr	2 Hr	3 Hr
Total thickness (in.)						
W4x13	1	1-1/2	2-1/4	B	C	D
W6x15.5	1	1-1/2	2-1/4	B	C	D
W10x49	1/2	1-1/8	1-7/8	A	B	C
Tube Shaped columns						
TS 4 by 4						
byO.188	1	1-3/4	2-5/8	B	C	D
TS 8 by 8						
byO.250	5/8	1-1/2	2-1/4	A	C	D

AMERICAN GYPSUM CO (View Classification) – CNKX.R14196
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) – CNKX.R19374
CABOT MANUFACTURING ULC (View Classification) – CNKX.R2370

CERTAINTED GYPSUM INC (View Classification) – CNKX.R3660
CGC INC (View Classification) – CNKX.R19751
GEORGIA-PACIFIC GYPSUM L L C (View Classification) – CNKX.R2717
NATIONAL GYPSUM CO (View Classification) – exP-C, CNKX.R3501
PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM (View Classification) – CNKX.R7094
PANEL REY S A (View Classification) – CNKX.R21795
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) – CNKX.R19262
THAI GYPSUM PRODUCTS PCL (View Classification) – CNKX.R27517
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO (View Classification) – CNKX.R40305
UNITED STATES GYPSUM CO (View Classification) – CNKX.R1319
USG BORAL DRYWALL SFZ LLC (View Classification) – CNKX.R38438
USG MEXICO S A DE C V (View Classification) – CNKX.R165089

2A. **Gypsum Board*** – As an alternate to Item 2- 3/4 in. thick gypsum wallboard. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints.
CGC INC – Type IP-X3 or ULTRACODE
UNITED STATES GYPSUM CO – Type IP-X3 or ULTRACODE
USG BORAL DRYWALL SFZ LLC – Type ULTRACODE
USG MEXICO S A DE C V – Type IP-X3 or ULTRACODE

2B. **Gypsum Board*** – (As an alternate to Items 2 and 2A) – Nominal 5/8 in. thick panels. One of the layers of **Gypsum Board** (Item 2) used to obtain the minimum required thickness in Item 2 may be substituted with one layer and secured as described in Item 2.
PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM – Type QuietRock ES

2C. **Wall and Partition Facings and Accessories*** – (As an alternate to Item 2 through 2B) – Composite Gypsum Panel – Nominal 5/8 in. thick panels. One of the layers of **Gypsum Board** (Item 2) used to obtain the minimum required thickness in Item 2 may be substituted with one layer of composite gypsum panel and secured as described in Item 2.
PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM – Type QuietRock OR

2D. **Gypsum Board*** – (As an alternate to Item 2) – 1/2 in. thick, installed as described in Item 2.
CERTAINTED GYPSUM INC – Type C

2E. **Gypsum Board*** – (As an alternate to Item 2) – 1/2 in. or 5/8 in. thick, installed as described in Item 2. For single layer systems, horizontal joints spaced minimum 8 ft apart. For multi-layer systems, horizontal joints in adjacent layers staggered min 12 in. from previous layer.
CERTAINTED GYPSUM INC – 1/2 or 5/8 in. thick Type C, 5/8 in. thick Types GlasRoc, X-1, SilentFX, LWTX
2F. **Gypsum Board*** – (As an alternate to Item 2) – 3/4 in. thick. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints. Not applicable to TS 4 by 4 by 0.188 Tube Shaped Column.
National Gypsum Co – Type UltraShield

3. **Steel Stud** – 1-5/8 in. wide with minimum 1-1/4 in. legs having a 1/4- in. folded flange, fabricated from min. 0.0179 in. thick bare metal thickness steel. Length to be 1/2 in. less than the assembly height.

3A. **As an alternate to Item 3, Framing Members*** – galv. steel clips spaced 4 ft OC and 1-1/4 in. from top and bottom of column. A No. 28 MSG galv steel support angle with 1-1/4 in. length shall be placed over clips and secured with screws attaching the wallboard. The angle cut 1 in. less than assembly height splices in angle to occur over clips. The clips for use with wide flange columns only.
JOHN WAGNER ASSOCIATES INC, DBA GRABBER – Types CB, CB/Clips.

4. **Corner Beads** – No. 28 MSG galv steel, 1-1/4 in. legs to be attached to the wallboard with No. 6 by 1 in. screws spaced 12 in. OC max.

4A. **Corner Bead*** – (As an alternate to Item 4) – Attached to gypsum board using all-purpose ready mix joint compound.

CERTAINTED GYPSUM INC – Types NC, NCPRO, NC450
BAILEY METAL PRODUCTS LTD – Types NC, NCPRO, NC450

5. **Tie Wire** – No. 18 SWG steel wire spaced 24 in. OC used with second layer of wallboard.

6. **Screws** – For attaching first layer of wallboard to steel studs, and third layer of wallboard to 2 in. by 2 in. steel angle (2S 60a) to be No. 6 by 1 in. (or 1-1/4 in. for 3/4 in. thick wallboard) Phillips head self-drilling, self-tapping double lead screws spaced 24 in. OC. For attaching second layer of wallboard to steel studs and fourth layer of wallboard to 2 in. by 2 in. steel angle (2S 60a) to be No. 6 by 1-3/4 in. (or 2-1/4 in. for 3/4 in. thick wallboard) steel screws of the same type spaced 12 in. OC. For attaching third layer of wallboard to steel studs to be No. 8 by 2-1/4 in. screws of the same type spaced 12 in. OC.

7. **Finishing System** – (Not Shown) – Joint compound applied over corner beads to a thickness of 1/16 in.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.
Last Updated on 2025-10-09

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UL U438 - FIRE-RESISTANCE RATINGS

Product IQ®

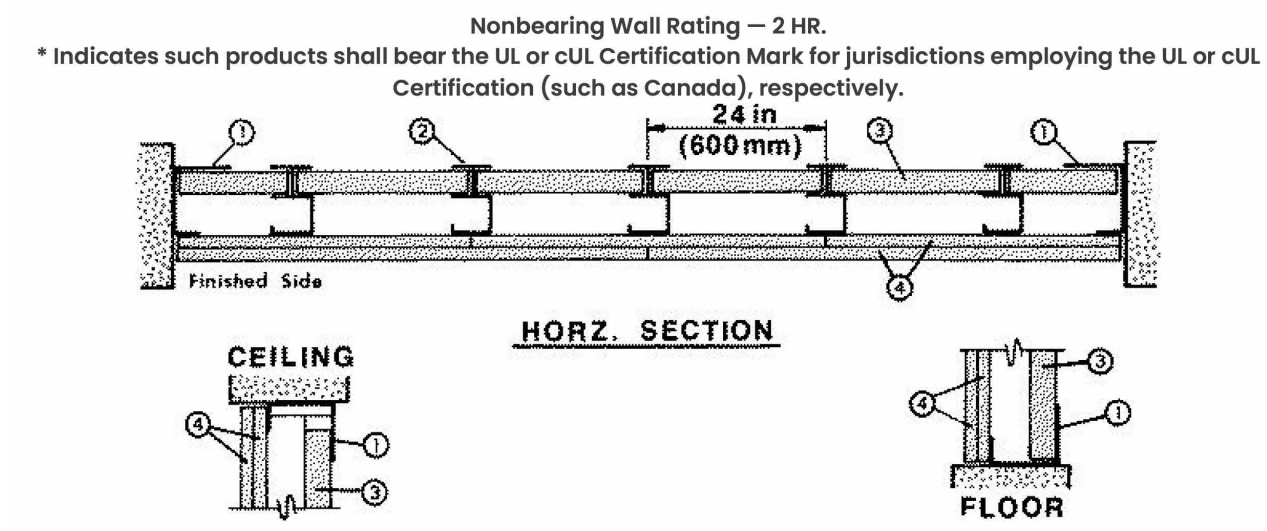
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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
Design Criteria and Allowable Variances
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U438

November 14, 2025



1. **Floor and Ceiling Runners** – "J"-shaped runner, 2-1/2 in. wide with unequal legs of 1 in. and 2 in., fabricated from 24 MSG galv steel (min 20 MSG when Item 4B is used). Runners positioned with short leg toward finished side of wall. Fasteners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC.

2. **Steel Studs** – "C"-H"-shaped studs, 2-1/2 in. wide by 1-1/2 in. deep, fabricated from 25 MSG galv steel (min 20 MSG when Item 4B, 4D, or 4E is used). Cut to lengths 3/8 to 1/2 in. less than floor to ceiling height and spaced 24 in. or 600 mm OC (max 18 in. OC when Items 4B, 4D, 4E is used).

2A. **Steel Studs** – (Not shown) – "E"-shaped studs installed in place of "C"-H"-shaped studs (Item 2) to secure the closure liner panels at the ends of walls. Fabricated from 25 MSG galv steel (min 20 MSG when Item 4B, 4D, or 4E is used). 2-1/2 in. wide with one leg 1 in. long and two legs 3/4 in. long. Shorter legs 1 in. apart to engage gypsum liner panels. Cut to lengths 3/8 in. less than floor to ceiling height. Sill and lintel of opening formed with "J"-shaped runners (Item 1) secured to "E"-shaped studs with angle clips and steel screws.

3. **Gypsum Board*** – 1 in. thick gypsum wallboard liner panels, supplied in nom 24 in. or 600 mm (for metric spacing) widths. Panels cut 1 in. less in length than floor to ceiling height. Vertical edges inserted in "H"-shaped section of "C"-H"-stud. Free edge of end panels attached to long leg of "J"-runners with 1-5/8 in. long Type S steel screws spaced not greater than 12 in. OC.
CGC INC – Type SLX.

CERTAINTED GYPSUM INC – Type Shiftliner, LGFCSL

NATIONAL GYPSUM CO – FSW, FSW - 7

UNITED STATES GYPSUM CO – Type SLX

USG BORAL DRYWALL SFZ LLC – Type SLX

USG MEXICO S A DE C V – Type SLX

4. **Gypsum Board*** – 1/2 in. thick, 4 ft. or 1200 mm (for metric spacing) wide wallboard applied vertically in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC along the edges and in the field of the boards. Outer or face layer attached to studs and "J"-runners with 1-5/8 in. long Type S steel screws spaced 12 in. along the edges and in the field of the boards, staggered from screws in inner layer. Joints between inner and outer layers staggered. Outer layer joints covered with paper tape and joint compound. Exposed screw heads covered with joint compound.

As an alternate method, inner wallboard layer applied vertically, outer wallboard layer applied horizontally. Inner layer attached to studs with 1 in. Type S steel screws spaced 24 in. OC along vertical edges and in the field. Outer layer attached to the studs and "J" runners over the inner layer with 1-5/8 in.

long Type S steel screws spaced 12 in. OC in the field, along the vertical edges and to the floor and ceiling runners. Outer layer secured to inner layer wallboard with 1-1/2 in. long Type G steel screws located midway between studs and 1 in. from the horizontal joint.

AMERICAN GYPSUM CO – Types AG-C.

CABOT MANUFACTURING ULC – Type C

CERTAINTED GYPSUM INC – Type C

CGC INC – Type C, IP-X2, or WRC.

GEORGIA-PACIFIC GYPSUM L L C – Types 5, DAPC, TG-C.

NATIONAL GYPSUM CO – Types exP-C, FSK-C, FSW-C, FSMR-C.

PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM – Types PG-C.

SAINT-GOBAIN GYPROC MIDDLE EAST FZE – Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop MTECH, Gyproc FireStop ACTIVAir, Gyproc FireStop MR ACTIVAir, Gyproc FireStop MTECH ACTIVAir

THAI GYPSUM PRODUCTS PCL – Type C.

UNITED STATES GYPSUM CO – Type C, IP-X2 or WRC.

USG BORAL DRYWALL SFZ LLC – Type C

USG MEXICO S A DE C V – Type C, IP-X2 or WRC.

4A. **Gypsum Board*** – (As an alternate to Item 4) – 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Inner or base layer attached to studs with 1 in. long Type S or S-12 steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S or S-12 steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws or 8 in. OC when installed horizontally and staggered 8 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. Outer layer joints covered with paper tape and joint compound. Exposed screw heads covered with joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. When used in widths other than 48 in., gypsum panels to be installed horizontally.
CGC INC – Type AR, IP-AR, IP-X1, SCX, ULX, or WRC.

UNITED STATES GYPSUM CO – Type AR, FRX-G, IP-AR, IP-X1, SCX, ULX or WRC.

USG BORAL DRYWALL SFZ LLC – Type SCX

USG MEXICO S A DE C V – Type AR, IP-AR, IP-X1, SCX, ULX, or WRC.

4B. **Gypsum Board*** – (Not Shown) – May be used in lieu of Items 4 or 4A for the base layer – Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead bottom strips (Item 6) required behind vertical joints.
RAY-BAR ENGINEERING CORP – Type RB-LBG

4C. **Gypsum Board*** – (As an alternate to Item 4, 4A, 4B) – 5/8 in. thick. Two layers installed as described in Item 4.
NATIONAL GYPSUM CO – Type FSMR-C, FSW-C, FSK-C, exP-C.

4D. **Gypsum Board*** – (Not Shown) – May be used in lieu of Items 4 for the base layer – Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead bottom strips required behind vertical joints. To be used with Lead Bottom Strips (see Item 6B) or Lead Discs (see Item 6C).
MAYCO INDUSTRIES INC – Type X-Ray Shielded Gypsum

4E. **Gypsum Board*** – (Not Shown) – May be used in lieu of Items 4 for the base layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead bottom strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead bottom strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead bottom strips and discs to have a purity of 99.9% meeting the Federal Specification QQ-L-2010, Grade "C".
RADIATION PROTECTION PRODUCTS INC – Type RPP – Lead Lined Drywall

4F. **Gypsum Board*** – (As an alternate to Item 4) – 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Inner or base layer attached to studs with 1 in. long Type S or S-12 steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S or S-12 steel screws spaced 8 in. OC when installed vertically and staggered min. 8 in. from base layer screws or 8 in. OC when installed horizontally and staggered min. 8 in. from base layer screws. Horizontal joints between inner and outer layers need not be staggered. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. Outer layer joints covered with paper tape and joint compound. Exposed

screw heads covered with joint compound. When used in widths other than 48 in., gypsum panels to be installed horizontally.
CGC INC – Type ULUX.

UNITED STATES GYPSUM CO – Type ULUX.

4G. **Gypsum Board*** – 5/8 in. thick, 4 ft wide wallboard applied vertically in two layers. Inner or base layer attached to studs with 1 in. long Type S or S-12 steel screws spaced 24 in. OC along the edges and in the field of the boards. Outer or face layer attached to studs and "J"-shaped runners with 1-5/8 in. long Type S or S-12 steel screws spaced 12 in. along the edges and in the field of the boards, staggered from screws in inner layer. Joints between inner and outer layers staggered. Outer layer joints covered with paper or mesh tape and joint compound. Exposed screw heads covered with joint compound.

NATIONAL GYPSUM CO – exP-C, FSK, FSK-C, FSW, FSW-C, FSW-3, FSW-5, FSW-6

CERTAINTED GYPSUM INC – Type X-1

4I. **Gypsum Board*** – (As an alternate to Item 4) – For use with 1 in. Type FSW-7 gypsum board (Item 3) only. 5/8 in. thick, 4 ft wide, applied in two layers. Base layer attached vertically to studs and side "J" runners with 1 in. long Type S self-tapping steel screws spaced 16 in. OC. Face layer installed vertically to studs with "J" runners and attached with 1-5/8 in. long Type S self-tapping steel screws spaced 12 in. OC. Face layer vertical joints staggered minimum one stud cavity from base layer vertical joints. Face layer joints covered with paper tape and two coats of joint compound. Exposed screw heads covered with two coats of joint compound.

NATIONAL GYPSUM CO – Type FSLX

5. **Batts and Blankets*** – (Optional) – (Not shown) – Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt material bearing the UL Classification Marking as to Fire Resistance.

5A. **Fiber, Sprayed*** – As an alternate to Batts and Blankets (Item 5) – (100% Borate Formulation) – Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³ in accordance with the application instructions supplied with the product.
Applegate Greenfiber Acquisition LLC – Insulmax and SANCTUARY for use with wet or dry application.

5B. **Fiber, Sprayed*** – As an alternate to Batts and Blankets (Item 5) – Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC – Cellulose Insulation

5C. **Fiber, Sprayed*** – As an alternate to Batts and Blankets (Item 5) – Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³.
INTERNATIONAL CELLULOSE CORP – Celbar-RL

5D. **Fiber, Sprayed*** – As an alternate to Batts and Blankets (Item 5) – Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft³.

Applegate Greenfiber Acquisition LLC – Applegate Advanced Stabilized Cellulose Insulation

6. **Lead Batten Strips** – For Use with Item 4B – (Not Shown) – Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations. Strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-2010, Grade "C".

6A. **Lead Discs or Tabs** – (Not Shown) – Used in lieu of or in addition to the lead batten strips (Item 6) or optional at other locations – Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-2010, Grade "C".

6B. **Lead Batten Strips** – (Not shown, for use with Item 4B) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-2010, Grades "B, C or D". Lead bottom strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

6C. **Lead Discs** – (Not Shown, for use with Item 4B) Max 5/8 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.9% meeting the Federal Specification QQ-L-2010, Grades "B, C or D".

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2025-11-14

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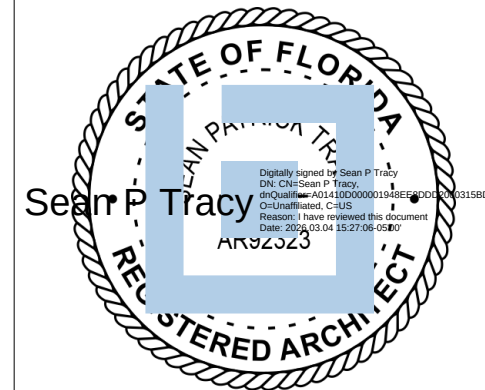
NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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ISSUE DATE
02/25/2026

REVISIONS
NO. REASON DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER

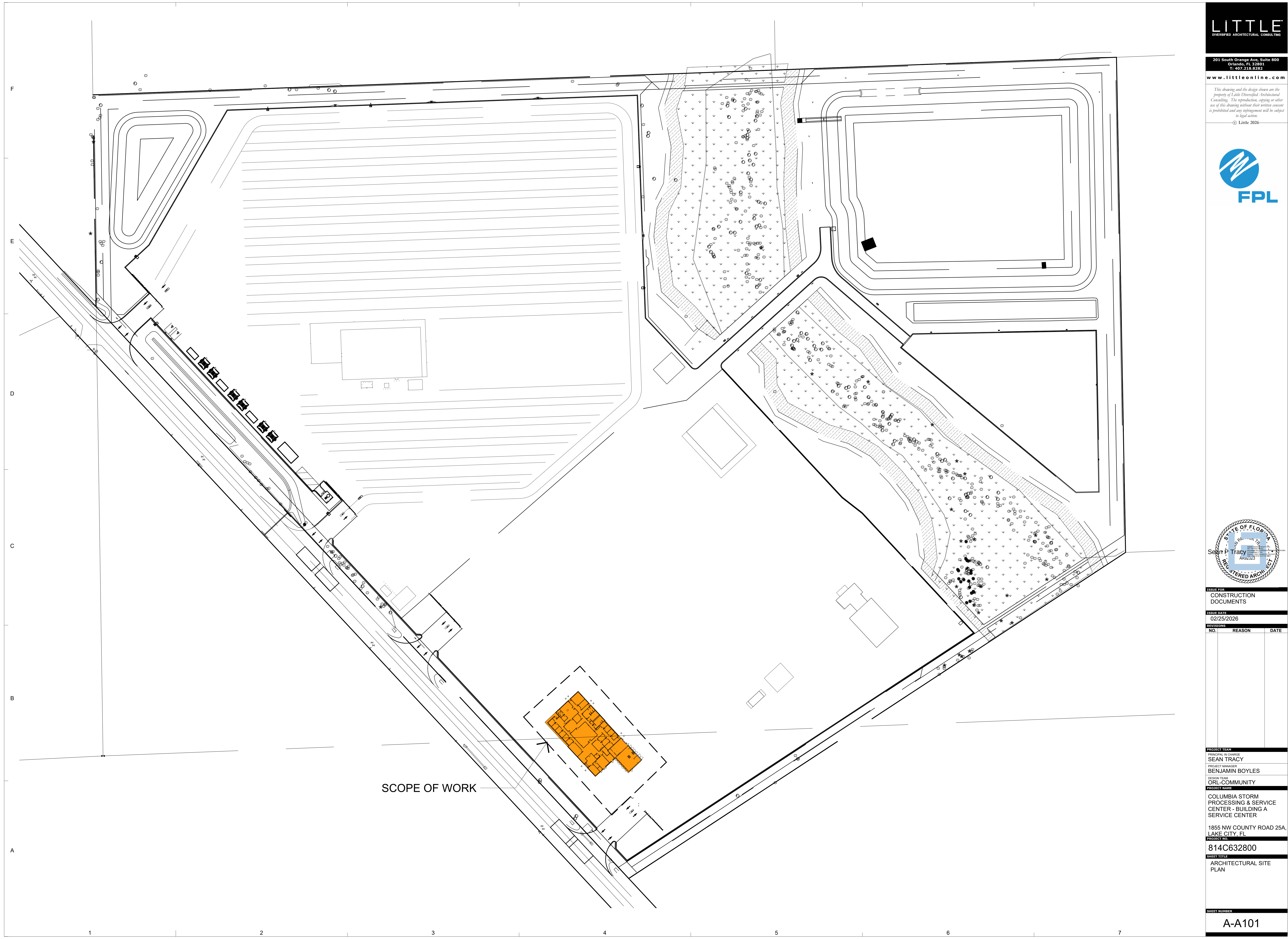
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE
UL ASSEMBLY INFORMATION

SHEET NUMBER

A-G124



SCOPE OF WORK

LITTLE

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STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

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NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE
SEAN TRACY

PROJECT MANAGER
BENJAMIN BOYLES

DESIGN TEAM
ORL-COMMUNITY

PROJECT NAME
COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

PROJECT NO.
814C632800

SHEET TITLE
ARCHITECTURAL SITE
PLAN

SHEET NUMBER
A-A101

F

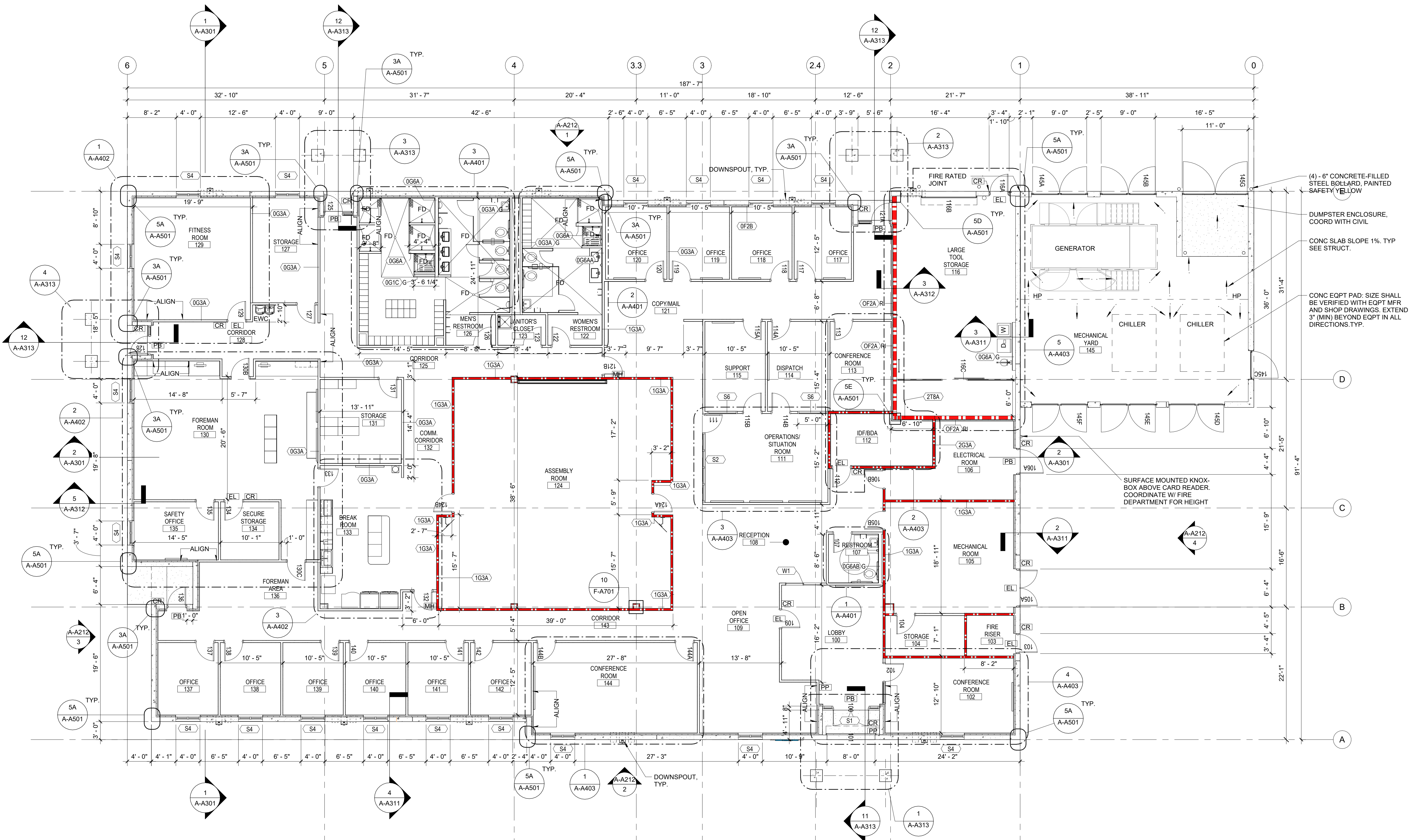
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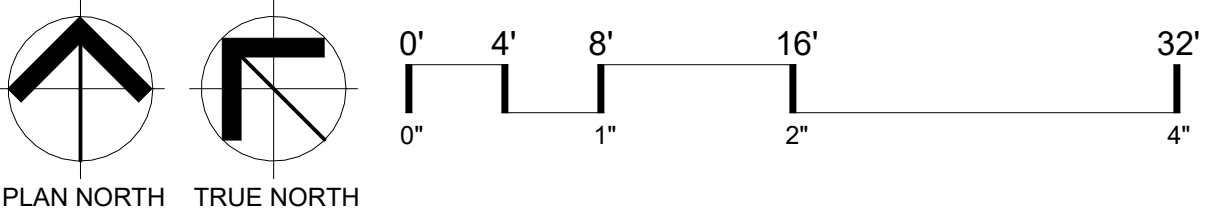
C

B

A



1 FLOOR PLAN
A-A111 1/8" = 1'-0"



RATED WALLS & PARTITIONS

FIRE BARRIER		SMOKE PARTITION	
1-HOUR		0-HOUR	
2-HOUR			
3-HOUR			

FIRE WALL		SMOKE BARRIER	
2-HOUR		1-HOUR	
3-HOUR			
4-HOUR			

ELECTRIC DOOR FUNCTIONS

CR	CARD READER	PB	PANIC BAR
DC	DOOR CONTACT	PO	POWERED OPERATOR
EL	ELECTRIC LOCK	PP	PUSH PAD OPERATOR
MH	MAGNETIC HOLDER	PTH	POWER TRANSFER HINGE
OS	OBSTRUCTION SENSOR	REX	REQUEST TO EXIT

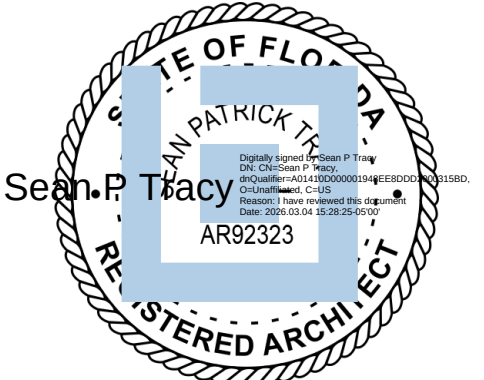
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ISSUE FOR CONSTRUCTION DOCUMENTS

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1	PLAN CHECK	02.25.26
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PROJECT TEAM	
PRINCIPAL IN CHARGE	SEAN TRACY
PROJECT MANAGER	BENJAMIN BOYLES
DESIGN TEAM	ORL-COMMUNITY
PROJECT NAME	COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER

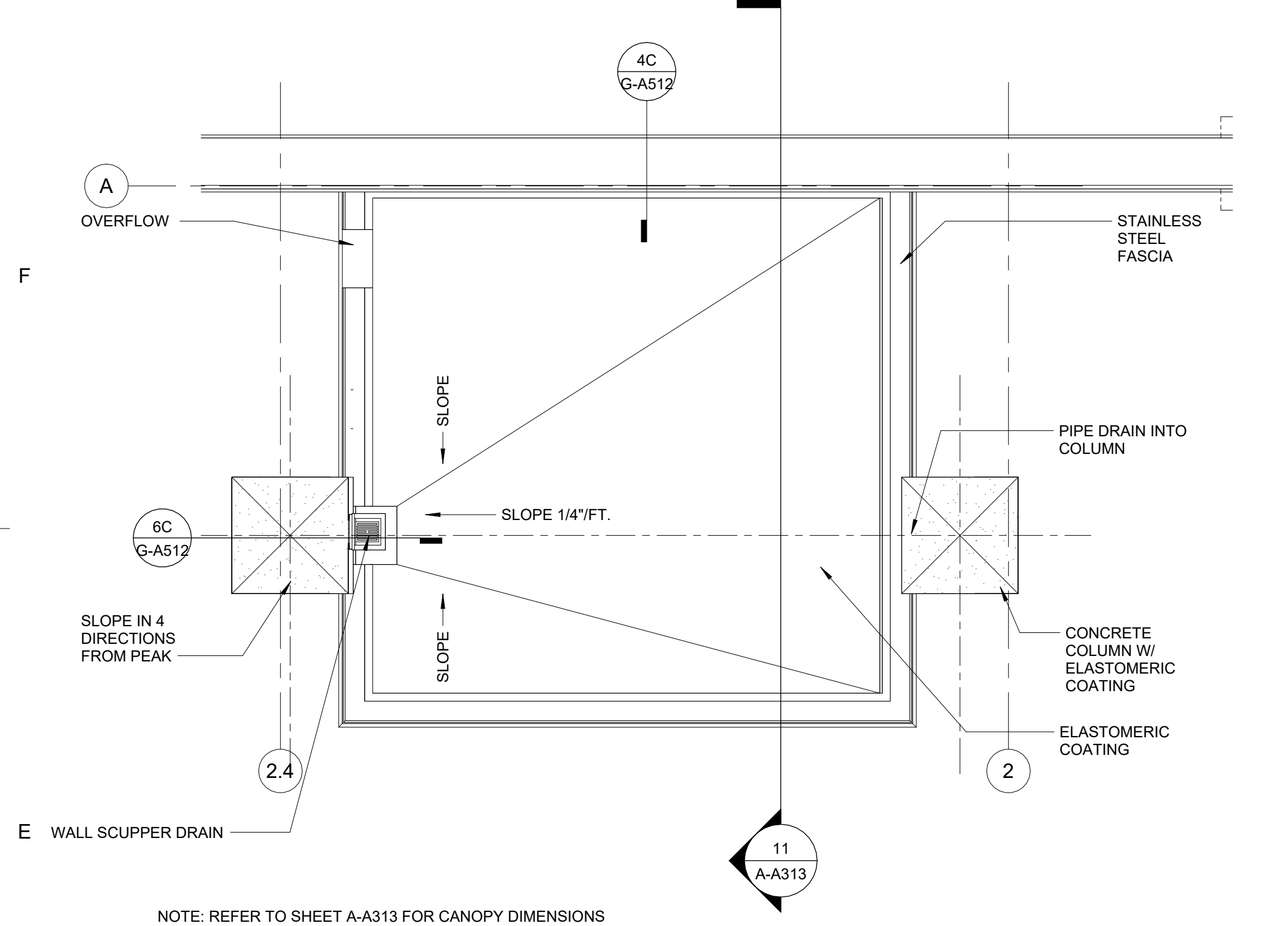
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE
FLOOR PLAN

SHEET NUMBER

A-A111



ROOF DRAIN TRIBUTARY AREA & DOWNSPOUT AND SCUPPER SIZE														
Tributary Area / DS.	DS. #	DS. (WxD) SCUP. (HxW)	Roof Area (S.F.)	V.A. (A)	V.A. (B)	V.A. (C)	V.A. (D)	Total Tributary Area	Rainfall Rate	Rainfall Flow Rate (GPM / 1 S.F.)	Min. Flow Rate Required (G.P.M.)	Flow Rate Provided (G.P.M.)	Gutter Size	Comments
C1		3"	90	32	0	0	0	122	5	0.052	6	92	-	CONCRETE CANOPY WITH 3" DIAM. LEADER IN CONCRETE COLUMN
C2		3"	61	19	0	0	0	80	5	0.052	4	92	-	CONCRETE CANOPY WITH 3" DIAM. LEADER IN CONCRETE COLUMN
C3		3"	48	18	0	0	0	66	5	0.052	3	92	-	CONCRETE CANOPY WITH 3" DIAM. LEADER IN CONCRETE COLUMN
C4		3"	48	17	0	0	0	65	5	0.052	3	92	-	CONCRETE CANOPY WITH 3" DIAM. LEADER IN CONCRETE COLUMN
TA 1	DS1	4"x4" 6"x12"	2,467	51	74	0	0	2,592	5	0.052	135	192	-	
TA 2	DS2	4"x4" 6"x12"	2,420	51	5	0	0	2,476	5	0.052	129	192	-	
TA 3	DS3	3"x3" 6"x12"	1,187	25	0	0	0	1,212	5	0.052	63	92	-	
TA 4	DS4	3"x3" 6"x12"	1,187	25	0	0	0	1,212	5	0.052	63	92	-	
TA 5	DS5	3"x3" 6"x12"	1,358	21	67	2	2	1,450	5	0.052	75	92	-	
TA 6	DS6	3"x3" 6"x12"	807	31	39	0	0	877	5	0.052	46	92	-	
TA 7	DS7	3"x3" 6"x12"	949	38	0	0	0	987	5	0.052	51	92	-	
TA 8	DS8	3"x3" 6"x12"	801	32	2	0	0	835	5	0.052	43	92	-	
TA 9	DS9	3"x3" 6"x12"	666	26	0	0	0	692	5	0.052	36	92	-	
TA 10	DS10	3"x3" 6"x12"	666	26	0	0	0	692	5	0.052	36	92	-	
TA 11	DS11	3"x3" 6"x12"	722	28	39	2	0	791	5	0.052	41	92	-	
									14,149					

- GENERAL NOTES - ROOF
- OVERFLOW SCUPPERS ON EACH EACH SIDE OF DOWNSPOUT, TYP SEE DETAIL 71A-512, U.O.N.
 - COORDINATE CRICKET AND HATCH LOCATION WITH STRUCTURE
 - MAXIMUM GUTTER LENGTH (WHEN PRESENT) TO BE SERVED BY A DOWNSPOUT IS 50'-0" PER SMOCA ASSM.
 - ALL CANOPIES TO BE CONNECTED TO SITE STORM SEWER SYSTEM REFER TO PLUMBING AND CIVIL DRAWINGS.
 - ALL TRIBUTARY AREAS INCLUDE THE VERTICAL AREAS PER FBC SECTION 1105.4
 - ALL SECONDARY (EMERGENCY OVERFLOW) SHALL BE SAME SIZE AS THE DRAIN WALL SCUPPER.
 - PROVIDE TRANSITION HUB FROM RECTANGULAR OR SQUARE DOWNSPOUTS CONNECTING TO S.S. PIPE SYSTEM.

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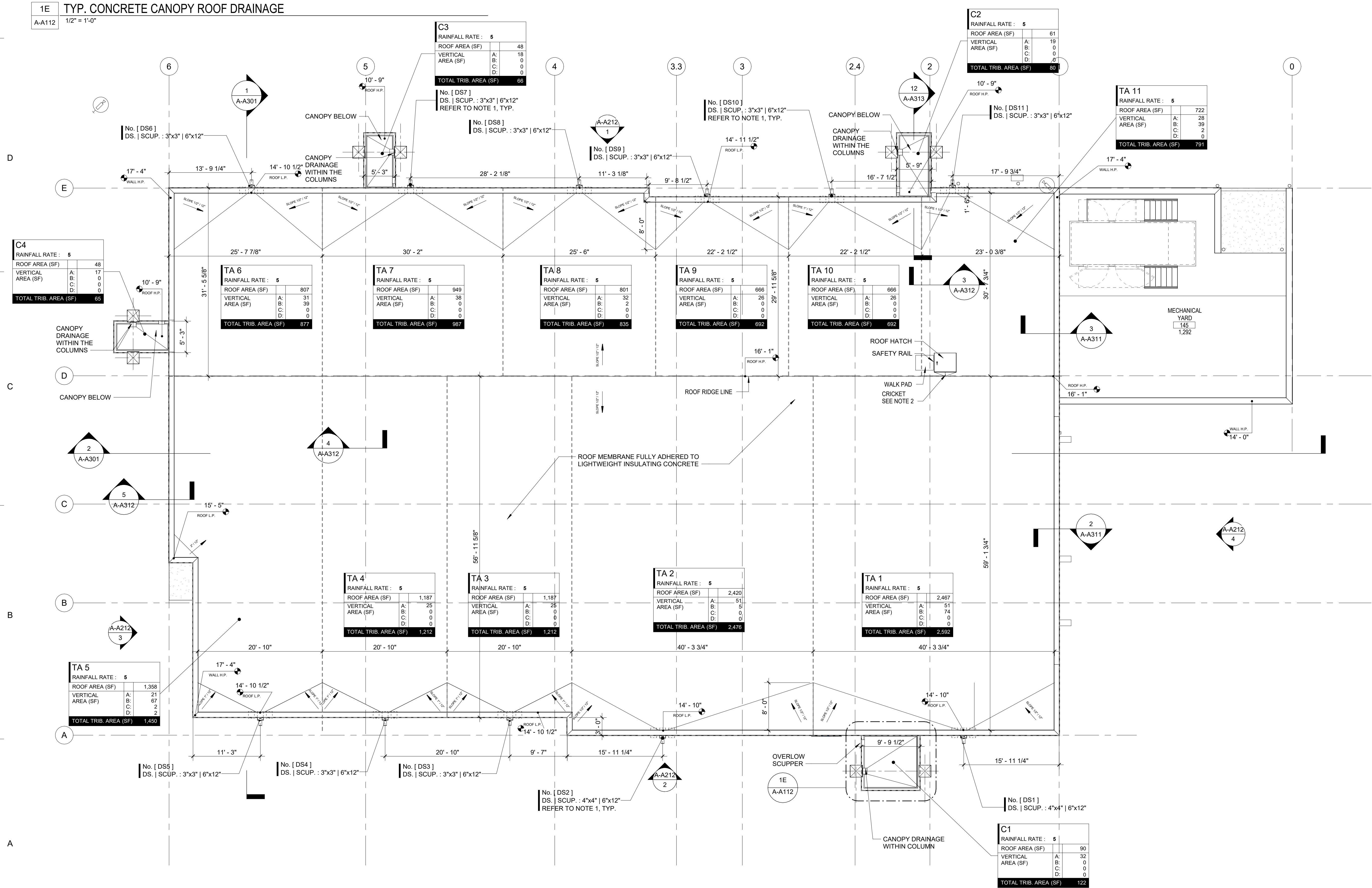
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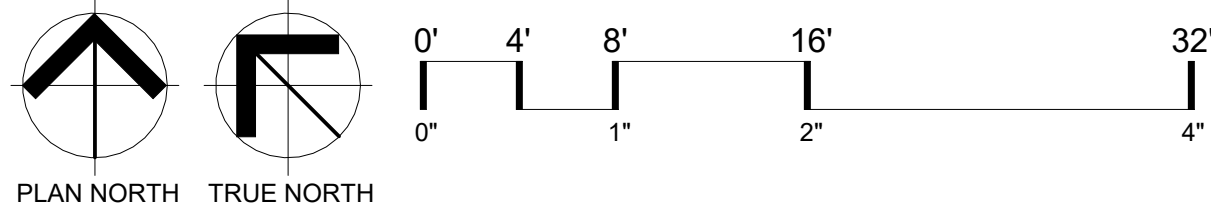
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1E TYP. CONCRETE CANOPY ROOF DRAINAGE
A-A112 1/2" = 1'-0"



1A ROOF DRAINAGE PLAN
A-A112 1/8" = 1'-0"



STATE OF FLORIDA
SEAN P. TRACY
REGISTERED ARCHITECT
AR25262

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PROJECT TEAM
PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME
COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL
PROJECT NO.
814C632800
SHEET TITLE
ROOF PLAN
SHEET NUMBER
A-A112

F

E

D

C

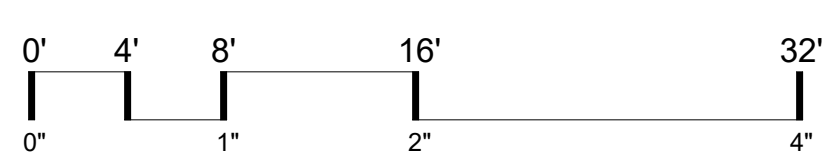
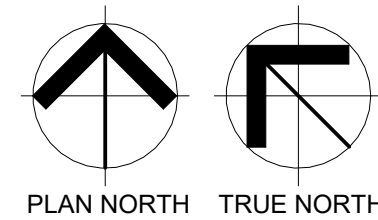
B

A

1
A-A121
1/8" = 1'-0"

CEILING PLAN

CEILING MOUNTED PARTITION STRUT SYSTEM.
B.O.D. : BLUNE
PROVIDE VERTICAL DROPS AT EACH
PARTITION PILASTER. BRACE Laterally TO
DECK IN BOTH DIRECTIONS (PARALLEL AND
PERPENDICULAR TO SLOTTED STRUT) MIN. 4
BRACINGS (2 IN EACH DIRECTION)



CEILING LEGEND

CEILING TYPES

- 2' X 2' APC
- GYPSUM CEILING/SOFFIT, P-5
(REFER TO CEILING DETAILS)
- OPEN TO DECK, P-6
- OPEN TO DECK, UNPAINTED
- 2 HR HORIZONTAL SHIRT WALL ASSEMBLY
HEIGHT TO UIS OF STRUCTURE, P-5
- SPRAY FOAM INSULATION W/ INTUMESCENT COATING
TO UNDERSIDE OF STRUCTURE, R5

LIGHT FIXTURES

- 2x4 TROFFER
- 2x4 TROFFER (EMERGENCY)
- 2x2 TROFFER
- 2x2 TROFFER (EMERGENCY)
- 1x4 TROFFER
- 1x4 TROFFER (EMERGENCY)
- 4" DOWNLIGHTS
- 4" DOWNLIGHTS (EMERGENCY)
- CANOPY
- 4" LINEAR
- 4" LINEAR
- LED WALLPACK
- LED WALLPACK (EMERGENCY)

ELECTRICAL DEVICES

- EXIT SIGNS
- CAMERA
- OCCUPANCY SENSOR
- FA SPEAKER STROBE - WALL MOUNT
- FA SMOKE DETECTOR
- SPEAKER
- WIRELESS ACCESS POINT

MECHANICAL

- CEILING GRILLE (RETURN)
- CEILING GRILLE (EXHAUST)
- CEILING SUPPLY DIFFUSER

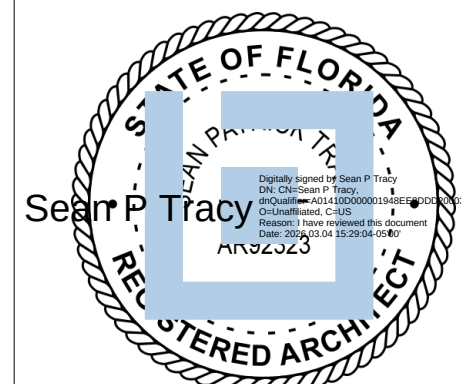
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1 PLAN CHECK 02/25/26

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PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

CEILING PLAN

SHEET NUMBER

A-A121

F

E

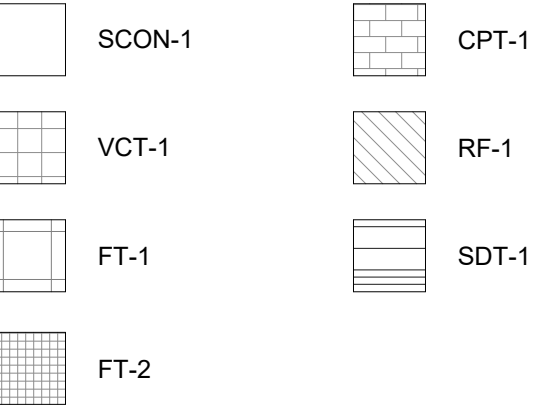
D

C

B

A

FINISH LEGEND



X SIGNAGE TYPE

FINISH PLAN KEY NOTES

01 PROVIDE FIRE RETARDANT PLYWOOD OVER GYPSUM WALL BOARD, FINISH AS SCHEDULED.

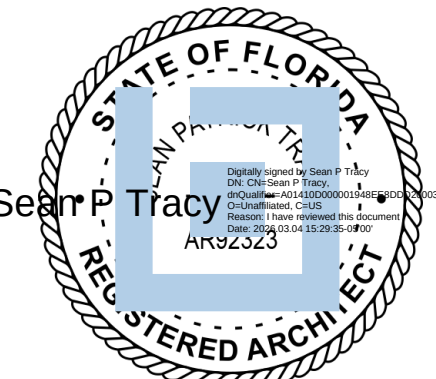
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ISSUE FOR
CONSTRUCTION
DOCUMENTS

ISSUE DATE
02/25/2026

REVISIONS
NO. REASON DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

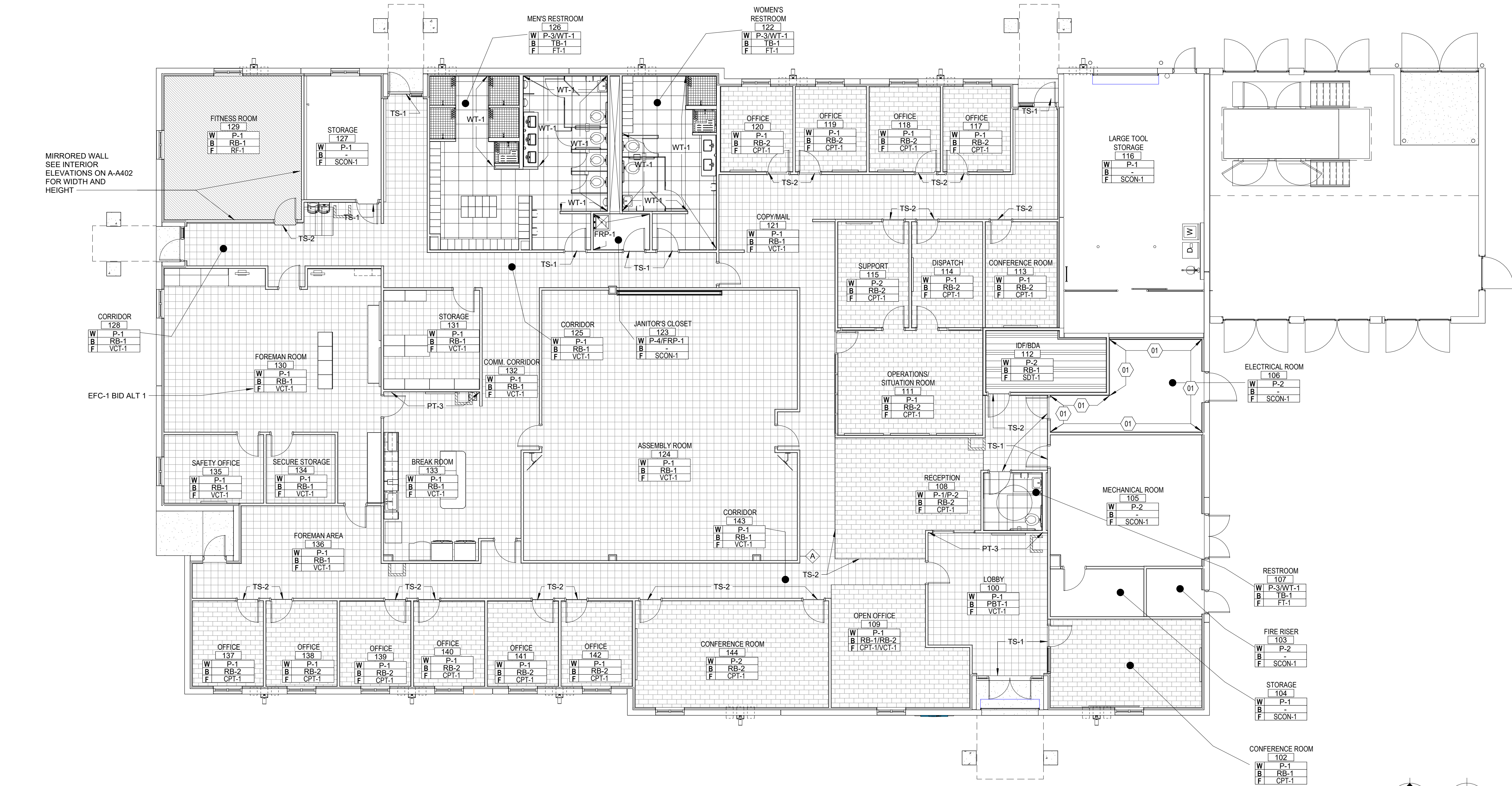
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

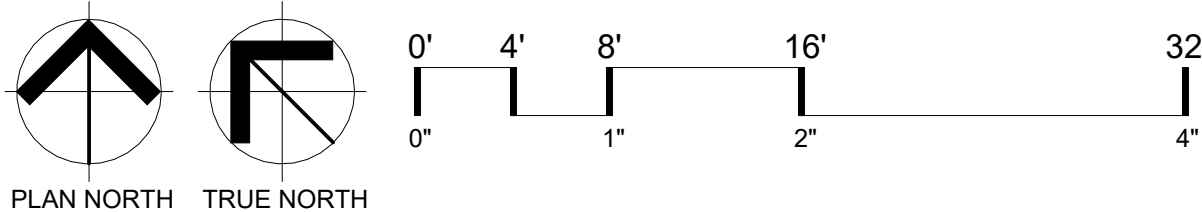
SHEET TITLE
FINISH/SIGNAGE PLAN

SHEET NUMBER

A-A131



1 FINISH PLAN
A-A131 1/8" = 1'-0"



F

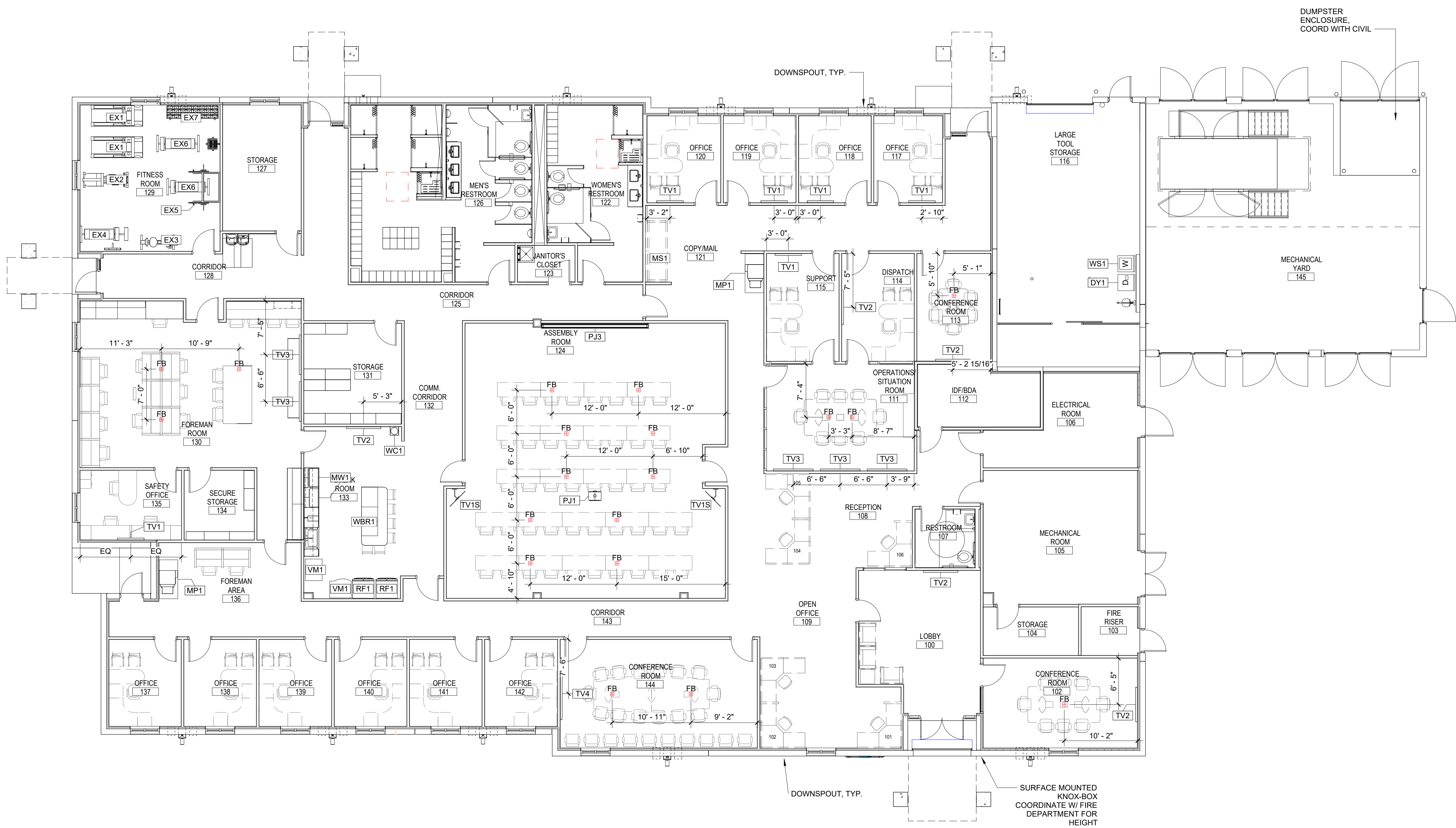
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D

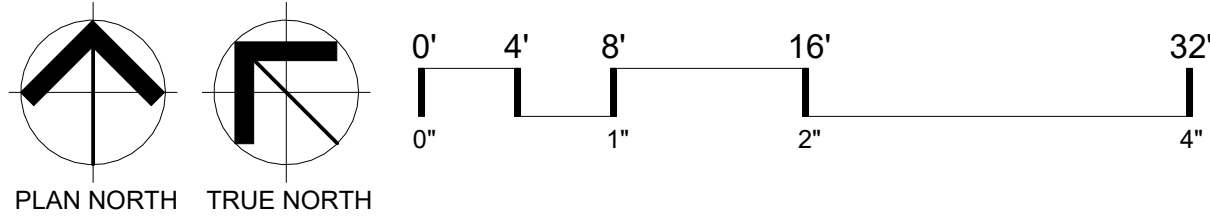
C

B

A



1 FURNITURE PLAN
A-A141 1/8" = 1'-0"



PROGRAM AREAS LEVEL 1			
Name	Area	Program Function	Count
IDF/BDA	138		1
LOBBY	311		1
MECHANICAL YARD	1,292		1
STORAGE	189		1
4	1,930		
CIRCULATION			
COMM. CORRIDOR	251	CIRCULATION	1
CORRIDOR	1,252	CIRCULATION	4
CIRCULATION: 5	1,503		
MEETING/GATHERING			
ASSEMBLY ROOM	1,389	MEETING/GATHERING	1
CONFERENCE ROOM	826	MEETING/GATHERING	3
LOBBY	0	MEETING/GATHERING	1
OPERATIONS/ SITUATION ROOM	302	MEETING/GATHERING	1
MEETING/GATHERING: 6	2,516		
SUPPORT SPACE			
BREAK ROOM	328	SUPPORT SPACE	1
COPY/MAIL	512	SUPPORT SPACE	1
DISPATCH	149	SUPPORT SPACE	1
ELECTRICAL ROOM	213	SUPPORT SPACE	1
FIRE RISER	52	SUPPORT SPACE	1
FITNESS ROOM	392	SUPPORT SPACE	1
IDF/BDA	0	SUPPORT SPACE	1
JANITOR'S CLOSET	40	SUPPORT SPACE	1
LARGE TOOL STORAGE	602	SUPPORT SPACE	1
MECHANICAL ROOM	392	SUPPORT SPACE	2
MEN'S RESTROOM	570	SUPPORT SPACE	1
RESTROOM	67	SUPPORT SPACE	1
SECURE STORAGE	93	SUPPORT SPACE	1
STORAGE	276	SUPPORT SPACE	2
WOMEN'S RESTROOM	295	SUPPORT SPACE	1
SUPPORT SPACE: 17	3,981		
WORK PLACES			
FOREMAN AREA	160	WORK PLACES	1
FOREMAN ROOM	748	WORK PLACES	1
OFFICE	1,198	WORK PLACES	10
OPEN OFFICE	545	WORK PLACES	1
RECEPTION	102	WORK PLACES	1
SAFETY OFFICE	135	WORK PLACES	1
SUPPORT	149	WORK PLACES	1
WORK PLACES: 16	3,037		
Grand total	12,987		

AREA SCHEDULE	
FIRST FLOOR GROSS SQUARE FOOTAGE	
13,057	

SYMBOL LEGEND

FB
FLOOR BOX

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STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

AKR2223

ISSUE FOR

CONSTRUCTION DOCUMENTS

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REVISIONS

NO.	REASON	DATE
-----	--------	------

PROJECT TEAM

PRINCIPAL IN CHARGE

SEAN TRACY

PROJECT MANAGER

BENJAMIN BOYLES

DESIGN TEAM

ORL-COMMUNITY

PROJECT NAME

COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

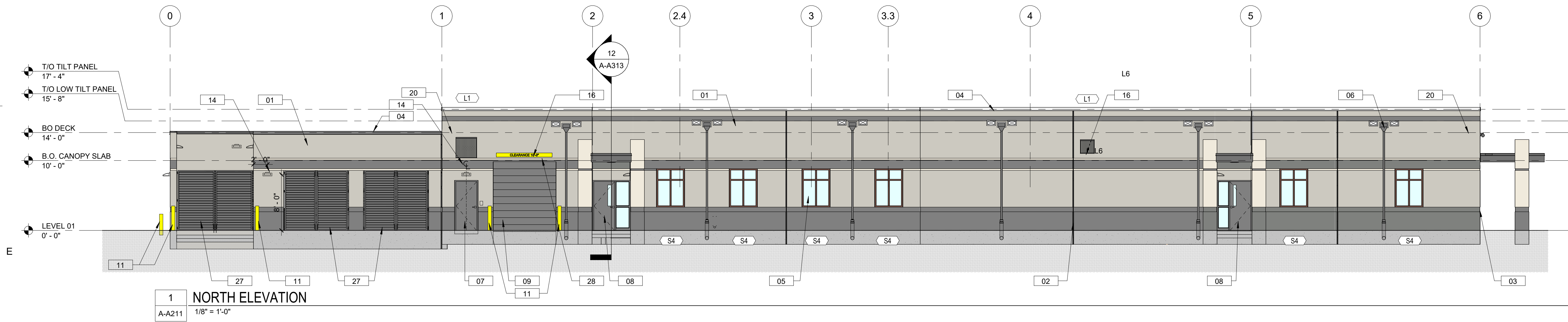
SHEET TITLE

FURNITURE PLAN

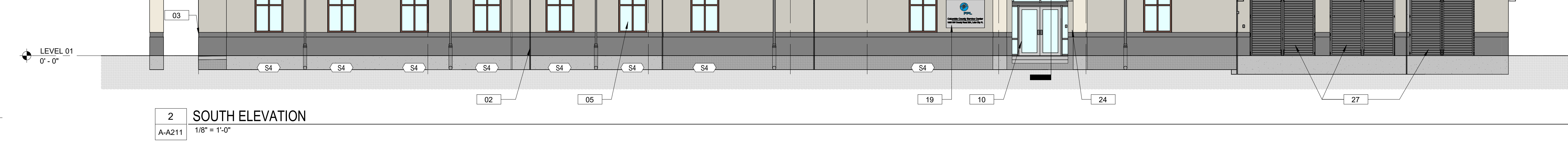
SHEET NUMBER

A-A141

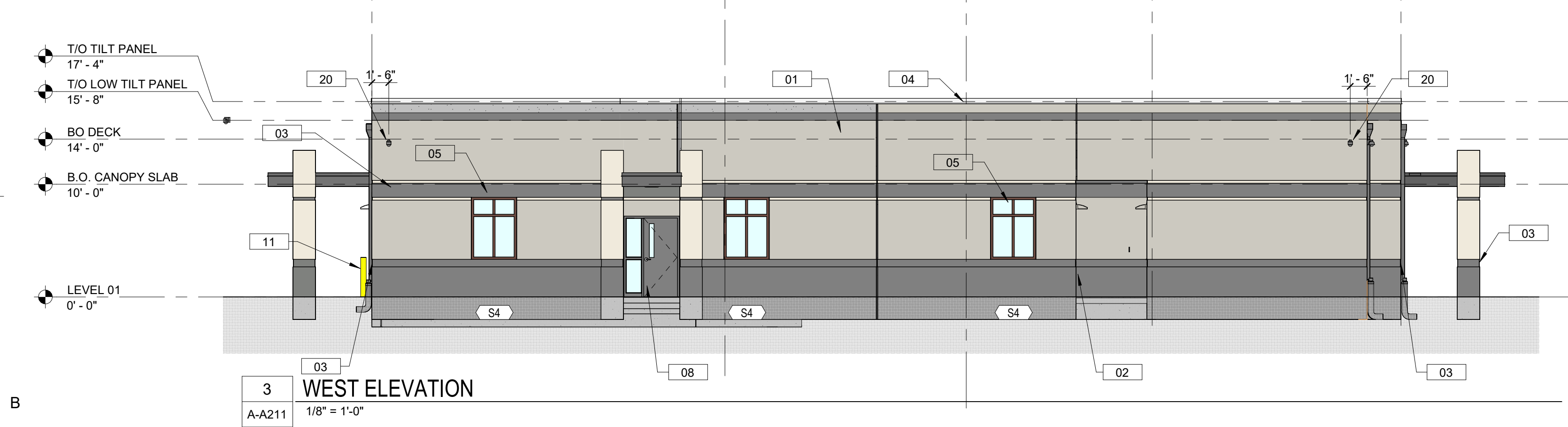
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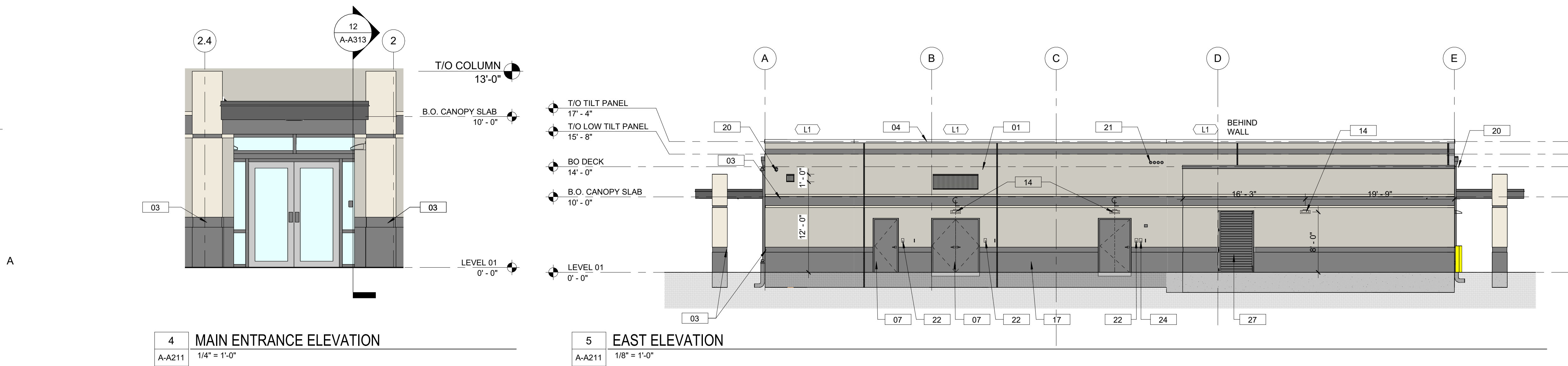
D



C



B



A

GENERAL NOTES - ELEVATIONS

- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
- PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS (STRUCTURAL AND DECORATIVE).
- SEE SHEET A-G12 FOR EXTERIOR WALL TYPES.
- SEE SHEET A-A300 FOR EXTERIOR GLAZING TYPES.
- TILT WALL RETURN JOINTS AND VERTICAL & HORIZONTAL JOINTS ADJACENT TO WINDOW WALL SYSTEM MUST BE CAULKED/SEALED PRIOR TO WINDOW WALL INSTALLATION.
- PROVIDE BOND BREAKER TAPE AT ALL T & F CLIPS, TYPICAL.
- STOREFRONT/FSP FRAMING IS INDICATED WITH DASHED LINES WHERE OBSCURED BY ELEMENTS IN THE ORTHOGRAPHIC ELEVATION VIEW.
- PROVIDE CONTROL/EXPANSION JOINTS AT EXTERIOR FINISH SYSTEMS AS RECD BY MANUF. CONFIRM LOCATION W/ ARCHITECT.

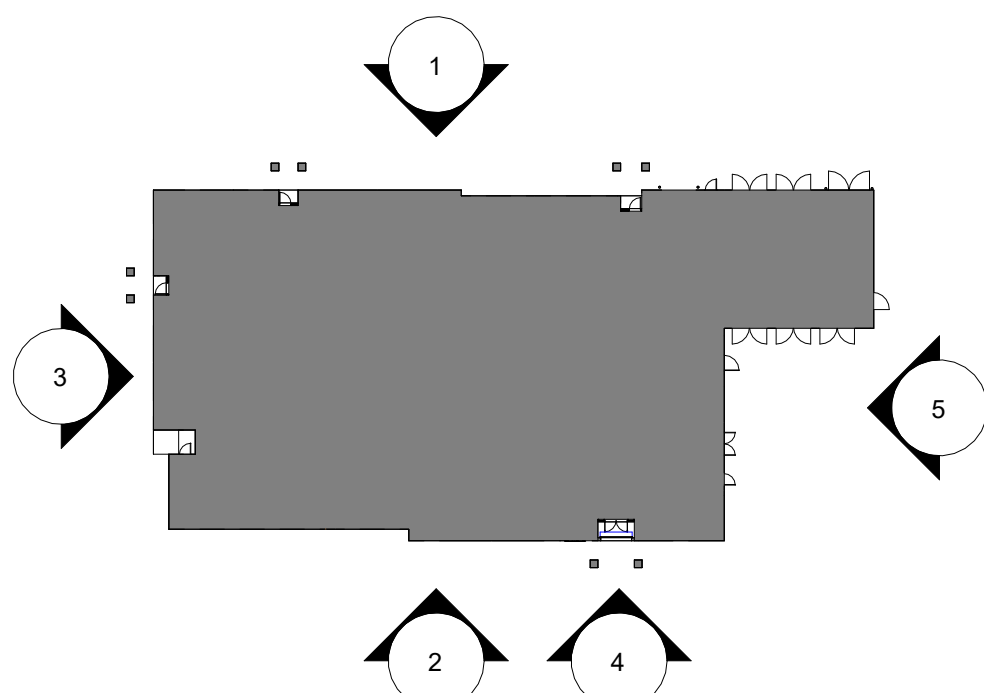
MATERIALS LEGEND

01	CONCRETE TILT-UP WALL (TYP.)
02	PANEL JOINT (TYP.)
03	CONCRETE REVEAL (TYP.)
04	PREFINISHED METAL COPING
05	ALUMINUM WINDOW (TYP.)
06	STAINLESS STEEL CONDUCTOR W/ DOWNSPOUT (TYP.)
07	HOLLOW METAL DOOR (TYP.)
08	HOLLOW METAL DOOR W/ SIDE LIGHT (TYP.)
09	OVERHEAD COLING DOOR
10	ALUMINUM STOREFRONT ENTRY SYSTEM
11	CONCRETE-FILLED STEEL ROLLARD, PAINTED SAFETY YELLOW (TYP.)
12	NOT USED
13	NOT USED
14	EXTERIOR LIGHTING FIXTURE, TYP. (REFER TO ELECTRICAL DRAWINGS)
15	CONDENSER (REFER TO MECHANICAL DRAWING FOR ANY PIPING PENETRATION)
16	EXHAUST DUCT CAP (REFER TO MECHANICAL DRAWINGS)
17	WALL HYDRANT (REFER TO PLUMBING DRAWINGS)
18	ELECTRICAL BELL (REFER TO FIRE PROTECTION DRAWINGS)
19	LOCATION OF BUILDING SIGNAGE ADJACENT TO MAIN ENTRANCE (TYPE 1)
20	CCTV SECURITY CAMERA (REFER TO ELECTRICAL DRAWINGS)
21	(H) RADIO ANTENNA SLEEVES (REFER TO ELECTRICAL DRAWINGS)
22	CARD READER
23	NOT USED
24	KNIX BOX, COORDINATE WITH FIRE DEPT. FOR MOUNTING LOCATION
25	ROOF ACCESS LADDER
26	COMPANY LOGO SIGNAGE
27	METAL GATES FOR MECHANICAL ENCLOSURE (AME/CO SHADOW 100)
28	7" x 8" HDPE CLEARANCE BAR MOUNTED TO WALL

COLOR LEGEND

COLOR	PAINT NAME	MANUFACTURER
COLOR 1- OFF WHITE	SW 6385, DOVER WHITE	
COLOR 2- LIGHT GRAY	SW 7015 REPOSE GRAY	
COLOR 3- DARK GRAY	SW 7067 CITYSCAPE	

KEY PLAN

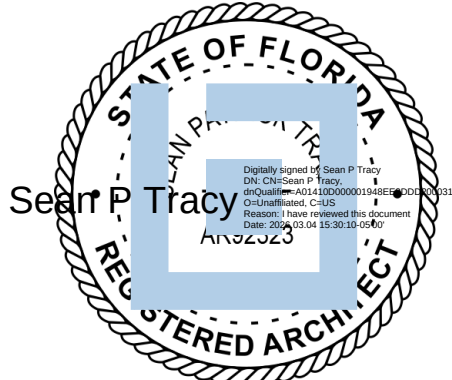


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PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY

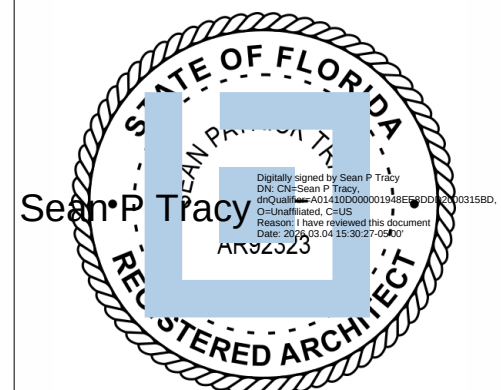
COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

PROJECT NO.
814C632800

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER
A-A211



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PROJECT TEAM
PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

PROJECT NO.
814C632800

SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER

A-A301

F

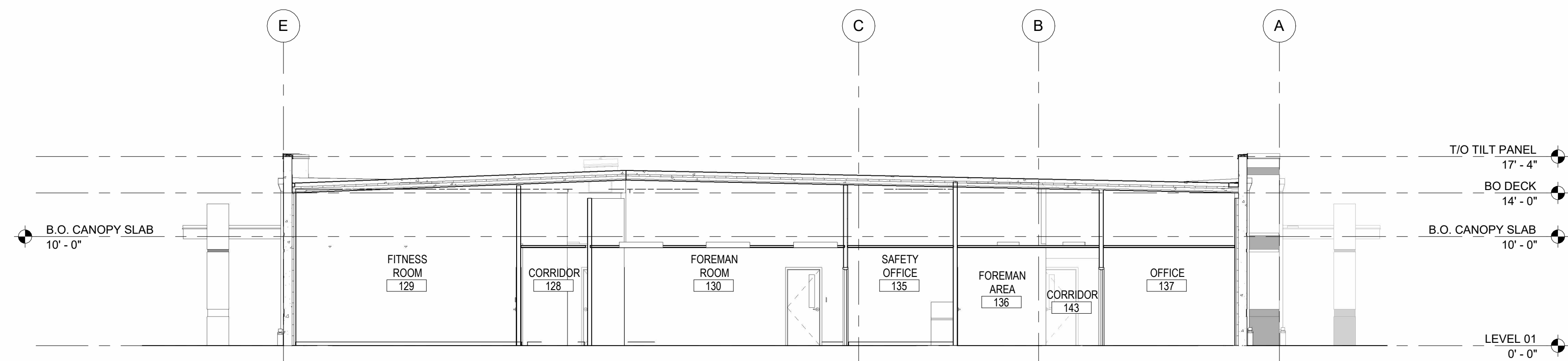
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D

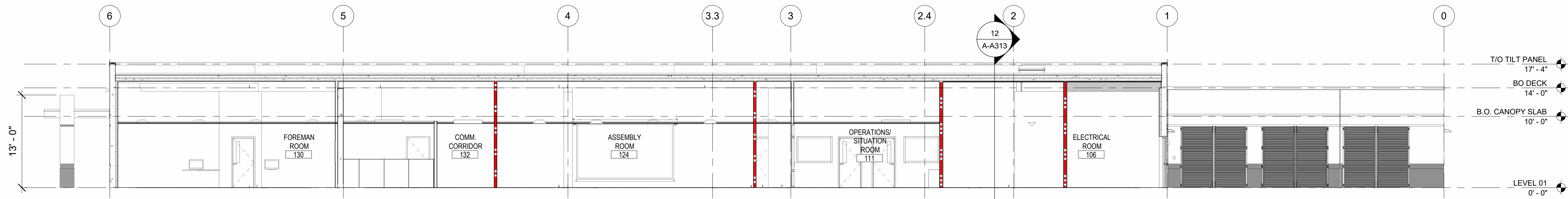
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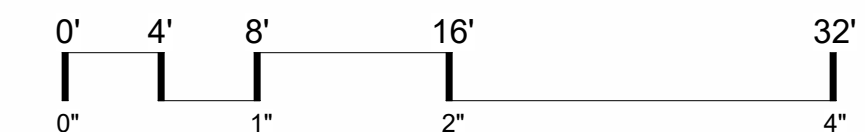
A



1 BUILDING SECTION N/S
A-A301 1/8" = 1'-0"



2 BUILDING SECTION E/W
A-A301 1/8" = 1'-0"



1

2

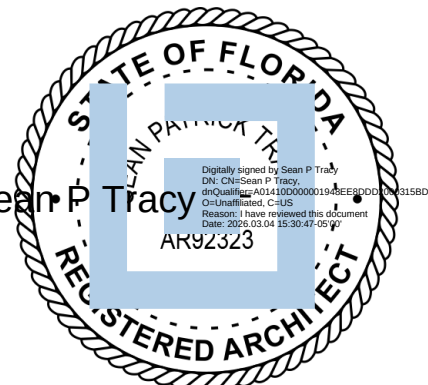
3

4

5

6

7



UE FOR
CONSTRUCTION
DOCUMENTS

EXPIRATION DATE
02/25/2026

DISPOSITIONS		
D.	REASON	DATE

[illegible]

PROJECT TEAM	
PRINCIPAL IN CHARGE	
KEAN TRACY	
PROJECT MANAGER	
BENJAMIN BOYLES	
DESIGN TEAM	
EARL-COMMUNITY	
PROJECT NAME	

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

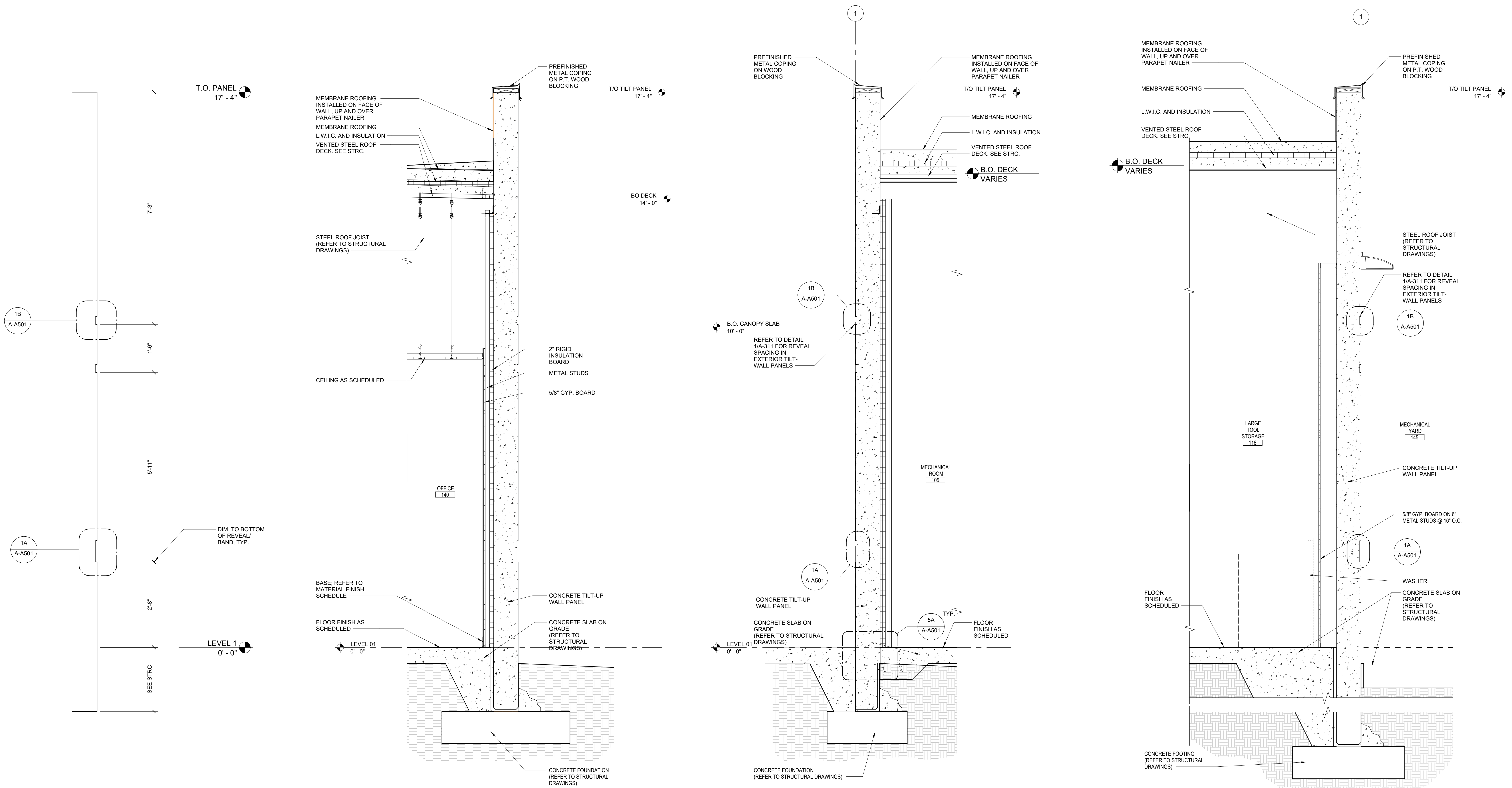
355 NW COUNTY ROAD 25A
LAKE CITY, FL

14C632800

WALL SECTIONS

ET NUMBER

A-A311



1	TYP. PANEL REVEALS
A-A311	3/4" = 1'-0"

4	WALL SECTION
A-A311	3/4" = 1'-0"

2	WALL SECTION
A-A311	3/4" = 1'-0"

3	WALL SECTION
A-A311	3/4" = 1'-0"

F

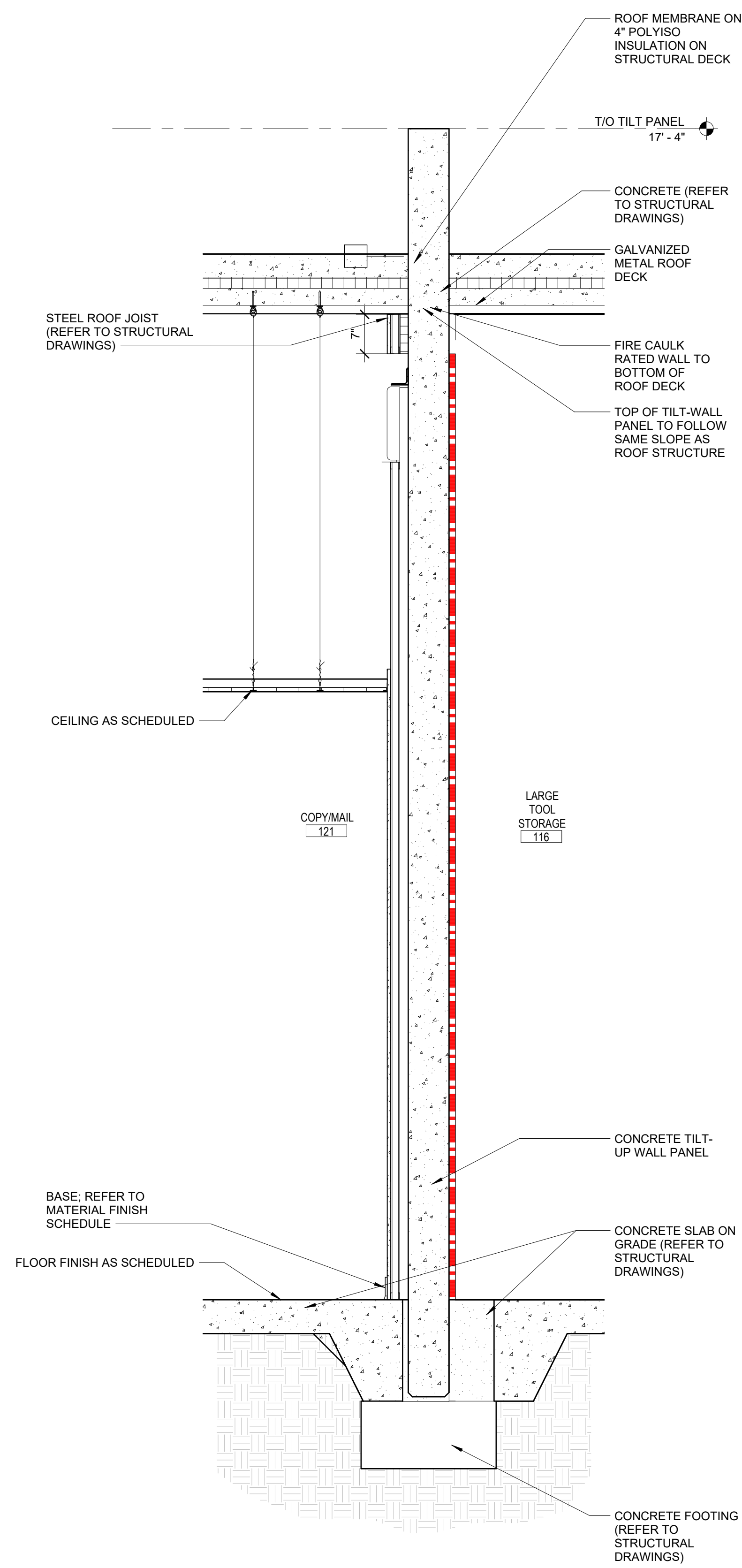
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D

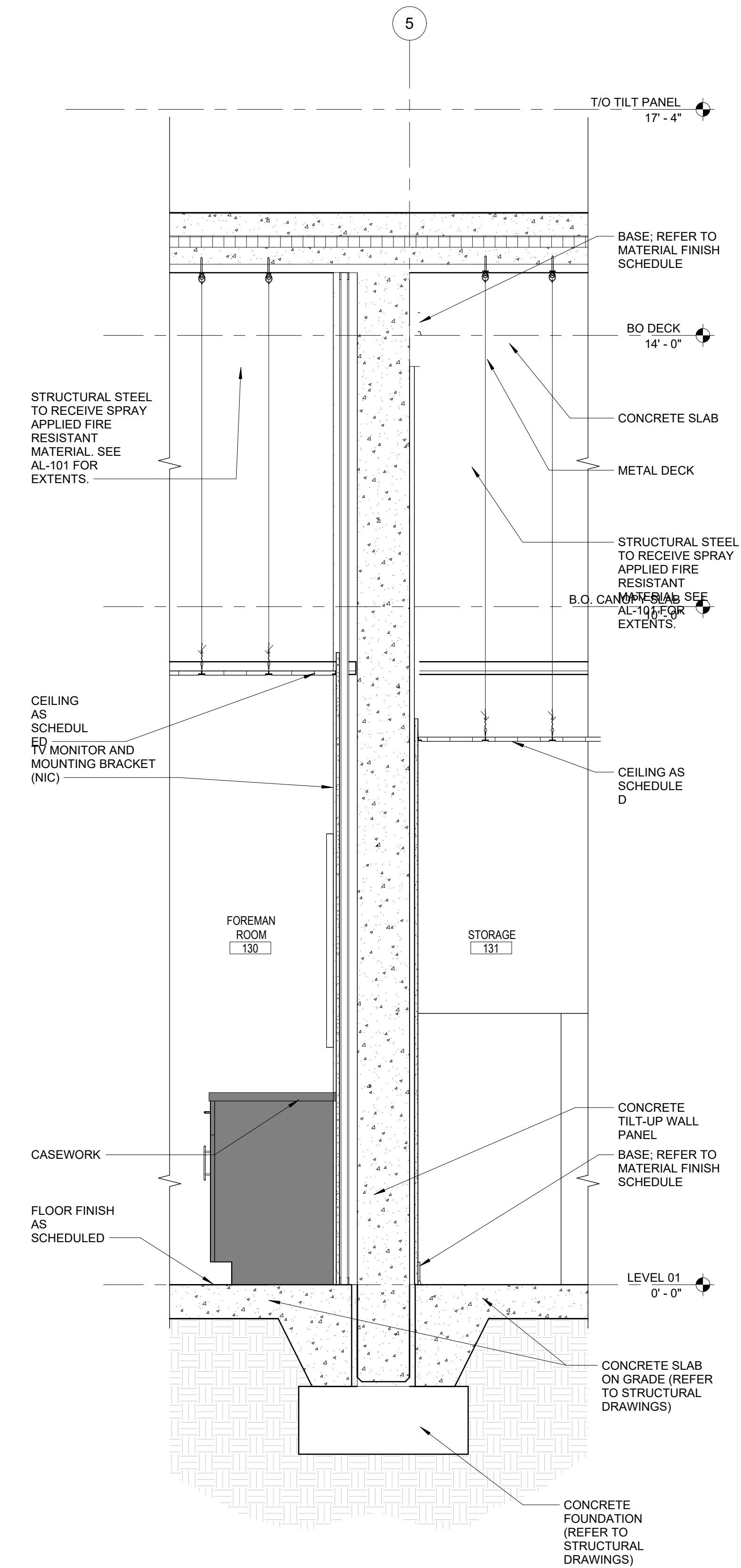
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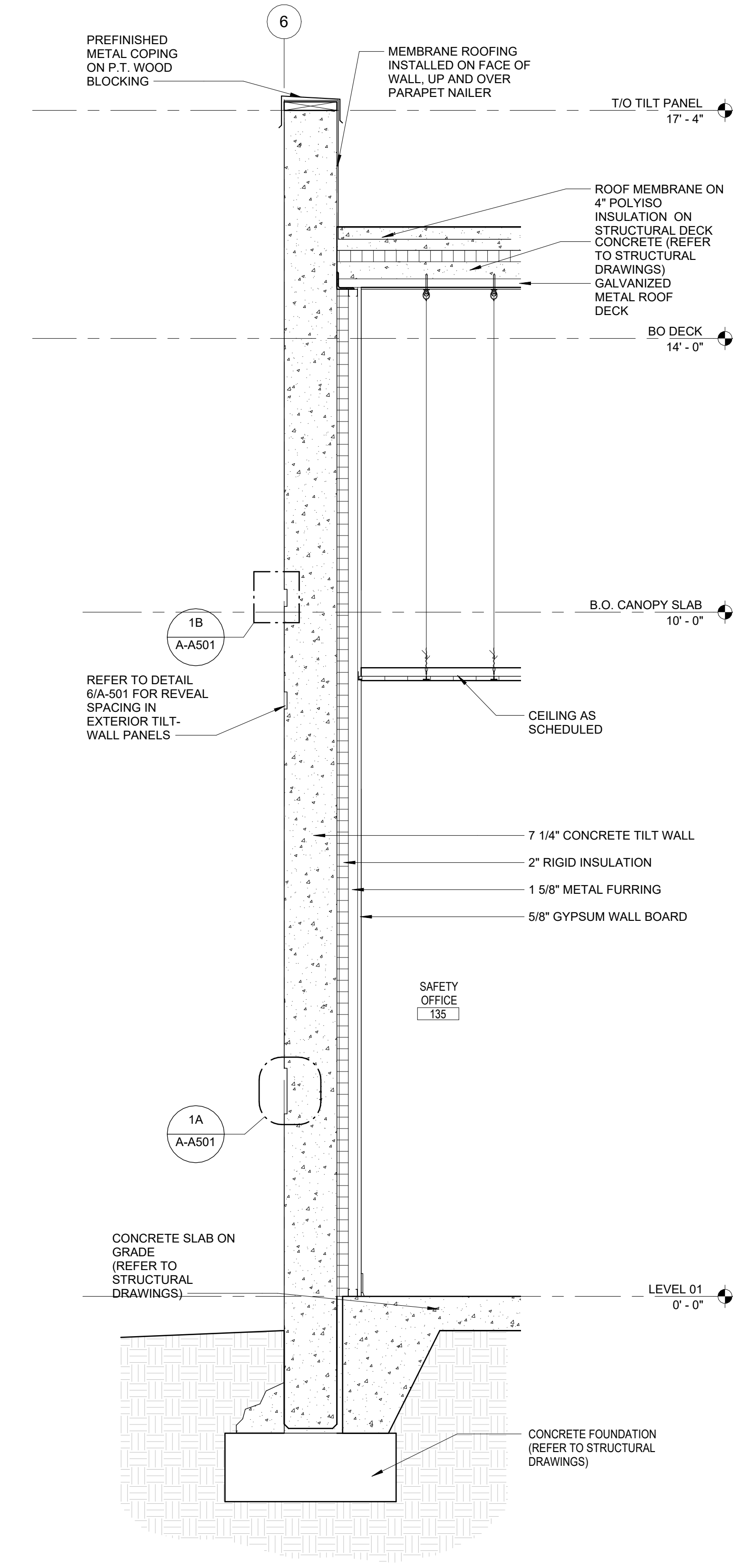
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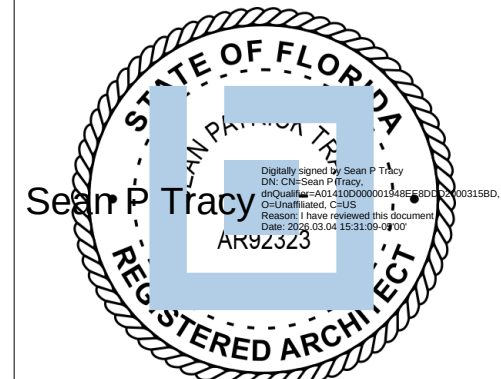
3 WALL SECTION
A-A312 3/4" = 1'-0"



4 WALL SECTION
A-A312 3/4" = 1'-0"



5 WALL SECTION
A-A312 3/4" = 1'-0"



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DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

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CENTER - BUILDING A
SERVICE CENTER

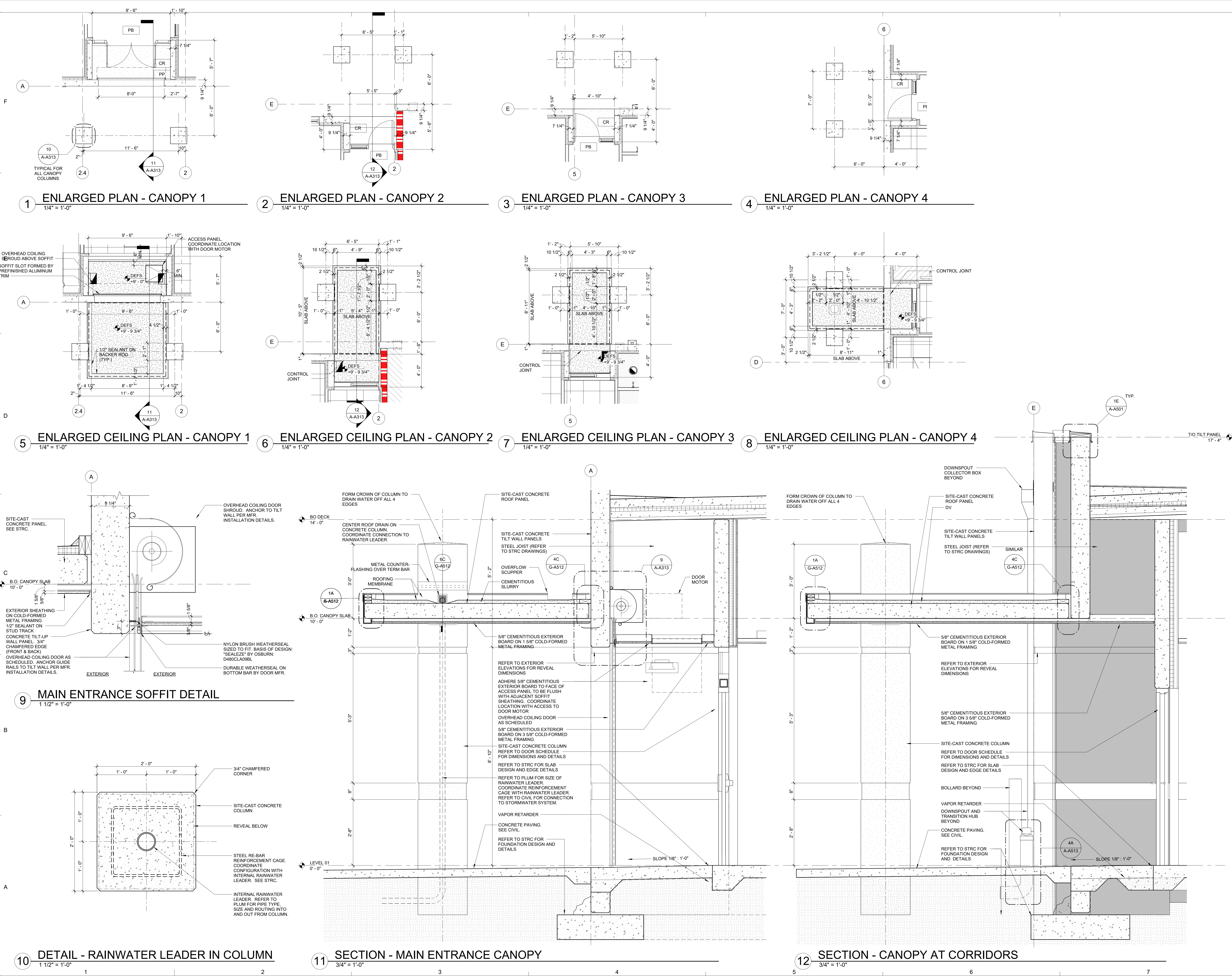
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

WALL SECTIONS

SHEET NUMBER

A-A312



NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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FPL

STATE OF FLORIDA

SEAN P. TRACY

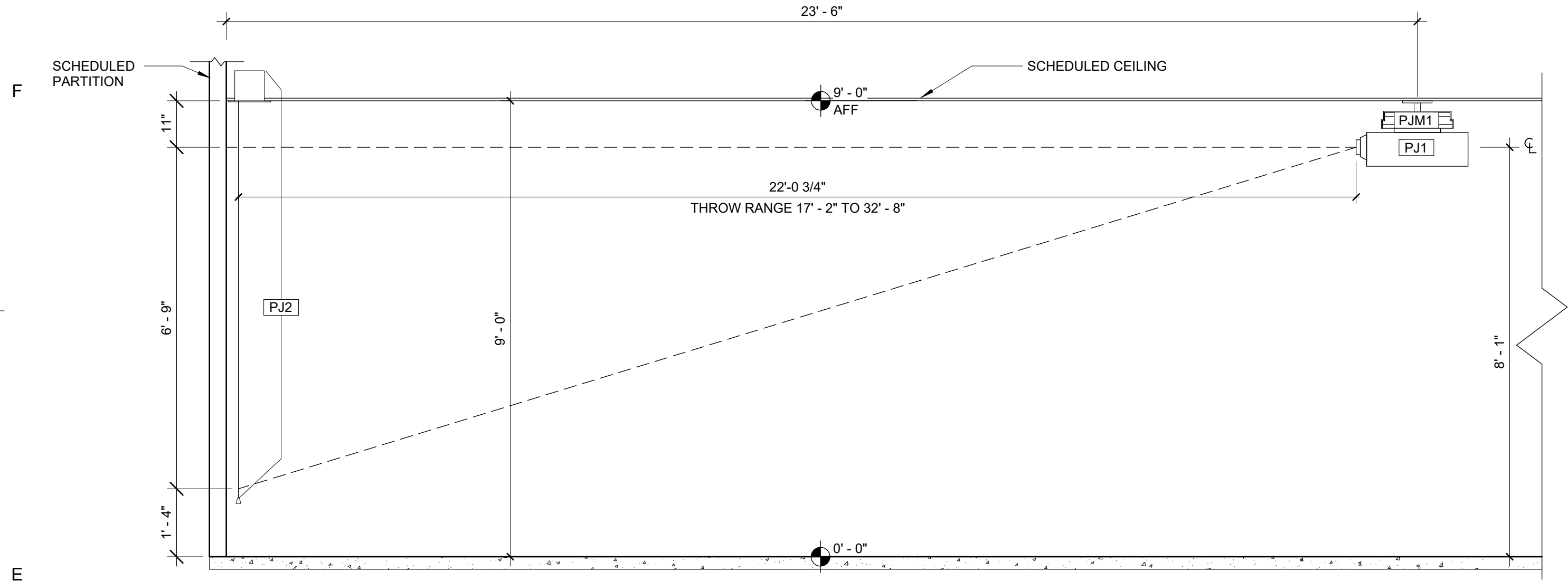
REGISTERED ARCHITECT

ISSUE FOR
CONSTRUCTION DOCUMENTS

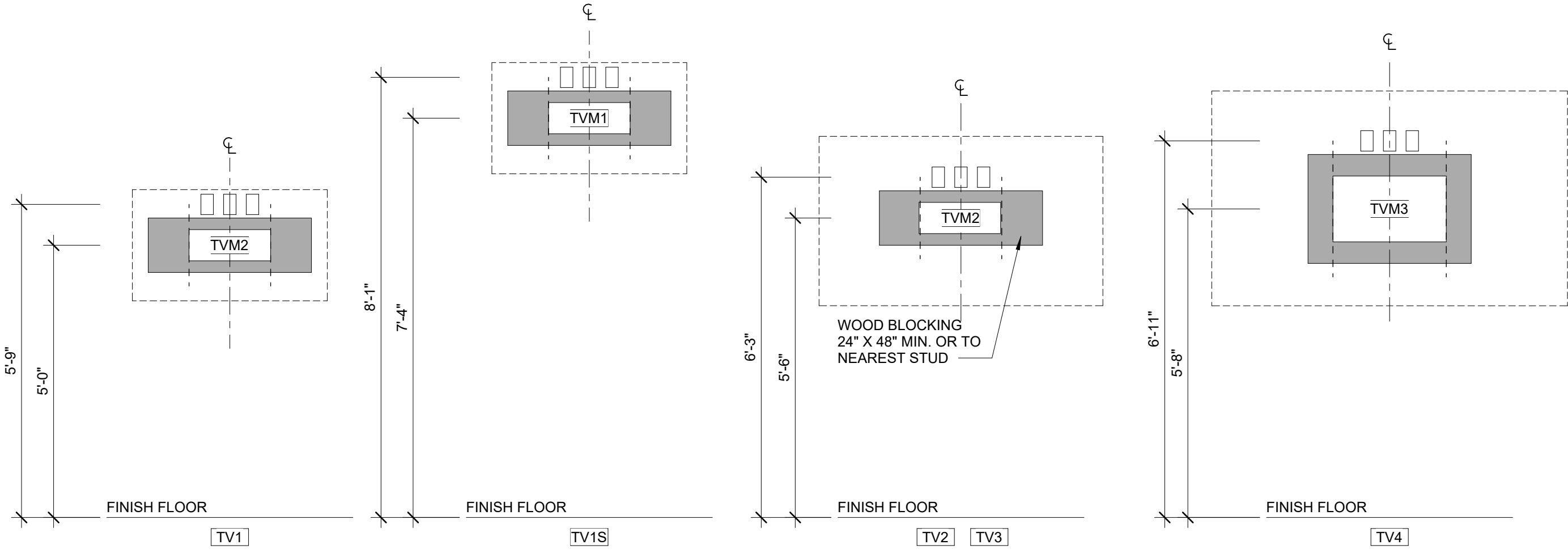
ISSUE DATE
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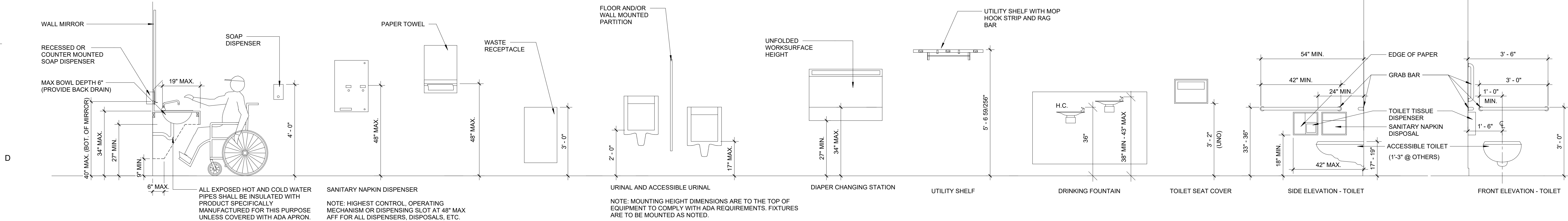
PROJECT TEAM
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PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME
COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL
PROJECT NO.
814C632800
SHEET TITLE
TYPICAL MOUNTING
DETAILS
SHEET NUMBER
A-A400



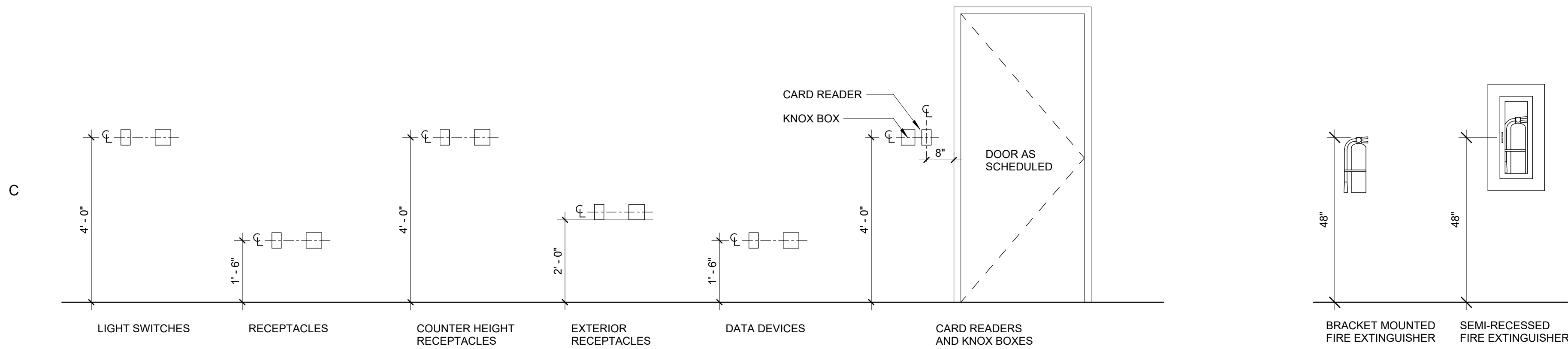
1 PROJECTOR AND SCREEN MOUNTING
A-A400 1/2" = 1'-0"



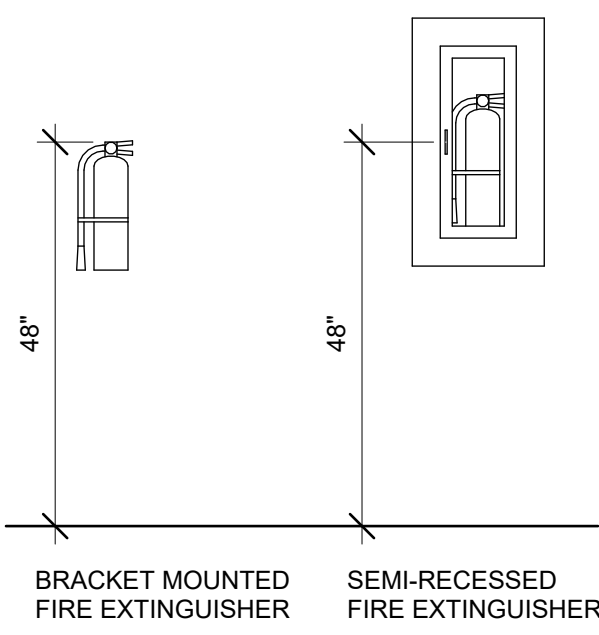
2 TYP. TV MOUNTING HEIGHTS
A-A400 1/2" = 1'-0" NOTE: REFER TO SHEET A-A800 FOR EQUIPMENT SCHEDULE



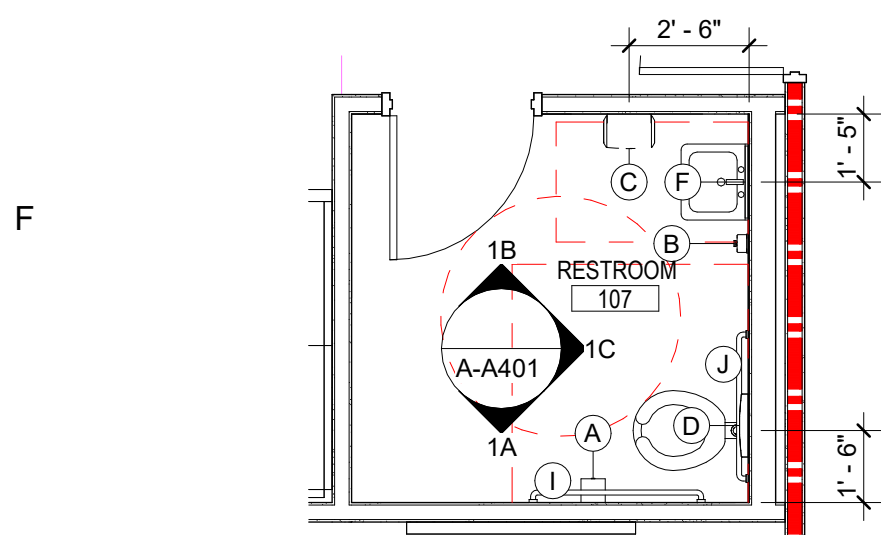
3 TYPICAL BATHROOM MOUNTING HEIGHTS
A-A400 1/2" = 1'-0"



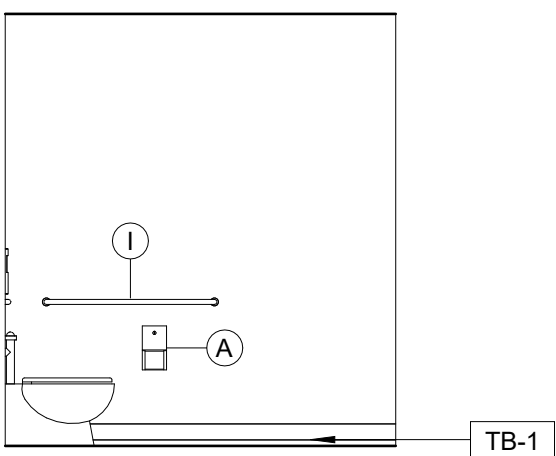
4 TYP. DEVICE MOUNTING HEIGHTS
A-A400 1/2" = 1'-0"



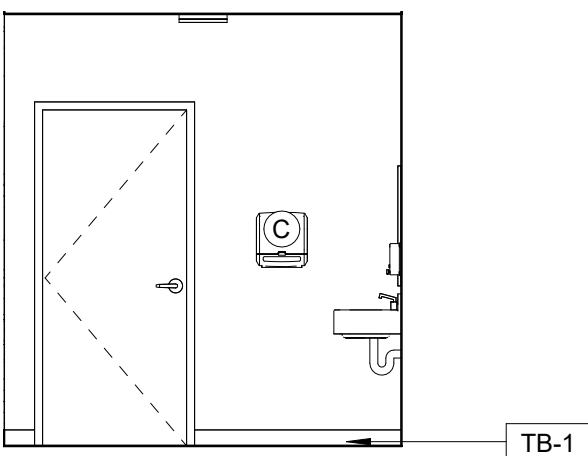
5 FIRE EXTINGUISHERS
A-A400 1/2" = 1'-0"



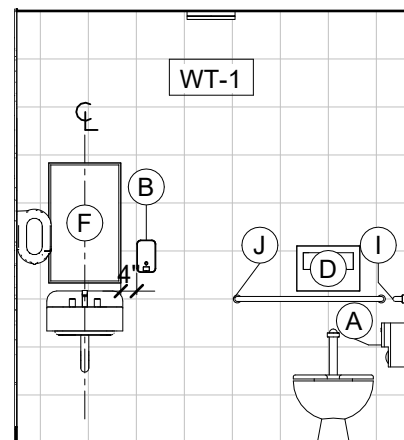
1 RESTROOM 107
A-A401 1/4" = 1'-0"



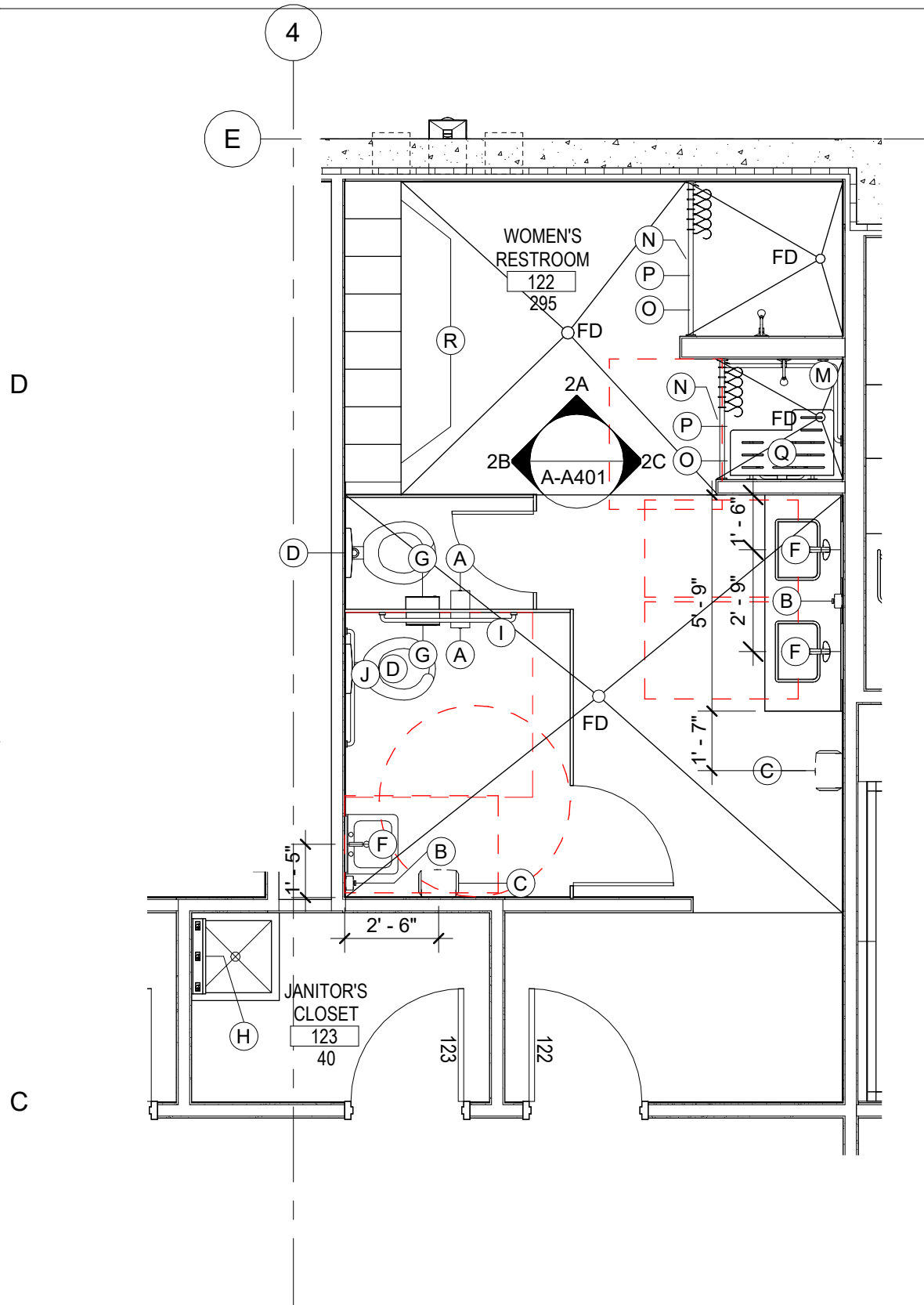
1A UNISEX RESTROOM 107 SOUTH ELEVATION
A-A401 1/4" = 1'-0"



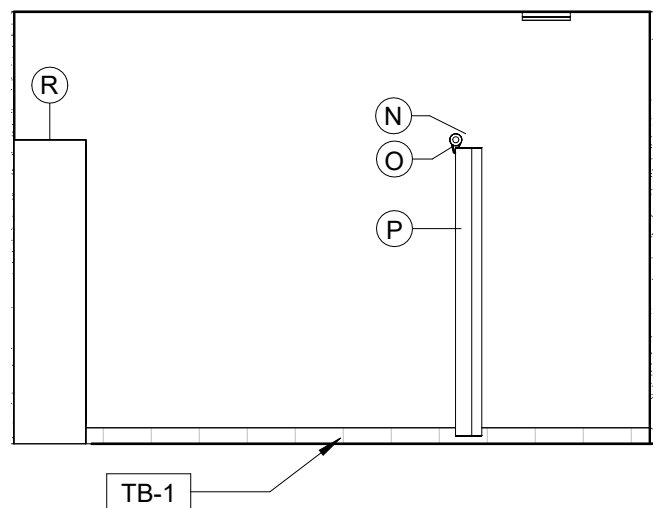
1B UNISEX RESTROOM 107 NORTH ELEVATION
A-A401 1/4" = 1'-0"



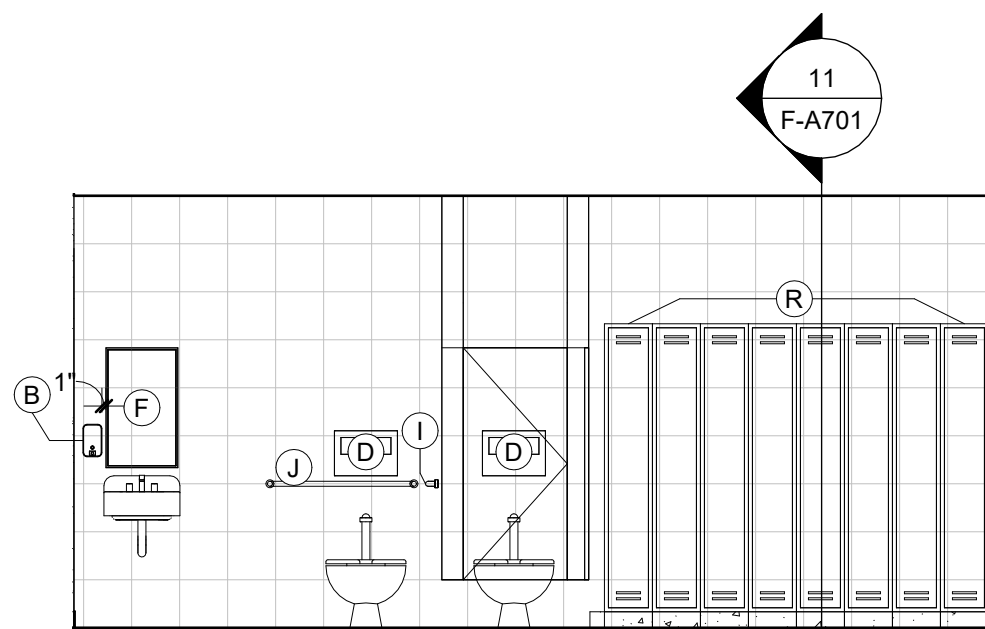
1C UNISEX RESTROOM 107 WEST ELEVATION
A-A401 1/4" = 1'-0"



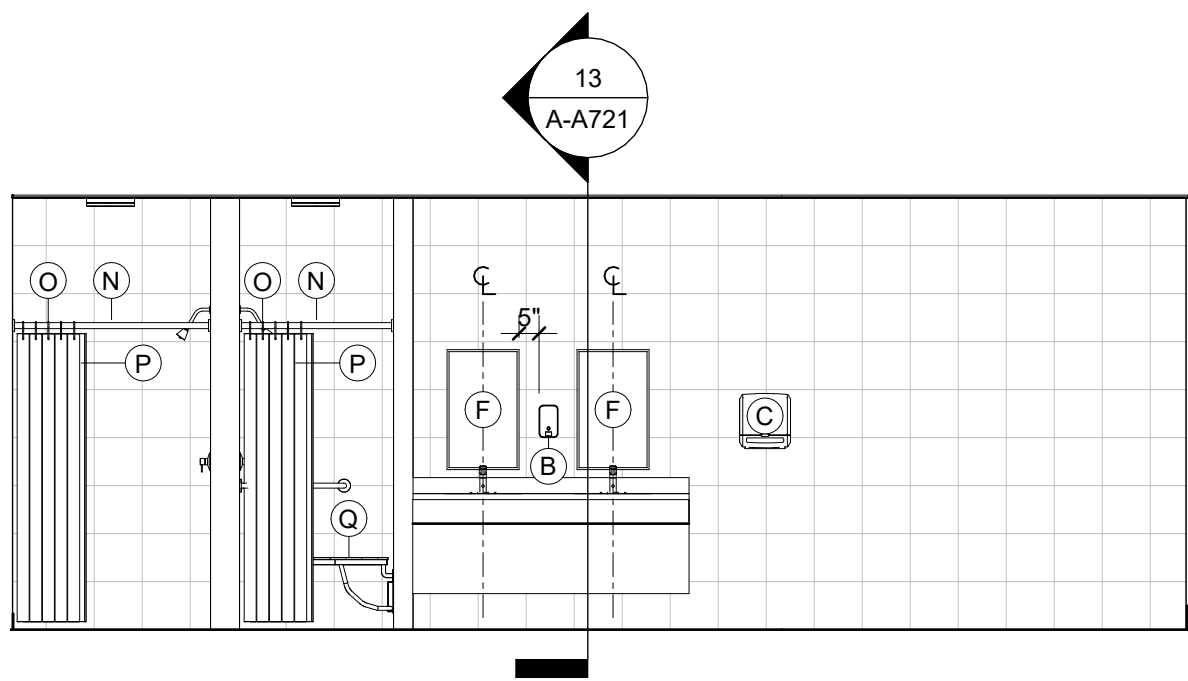
2 WOMEN'S RESTROOM 121/ JANITOR'S CLOSET 123
A-A401 1/4" = 1'-0"



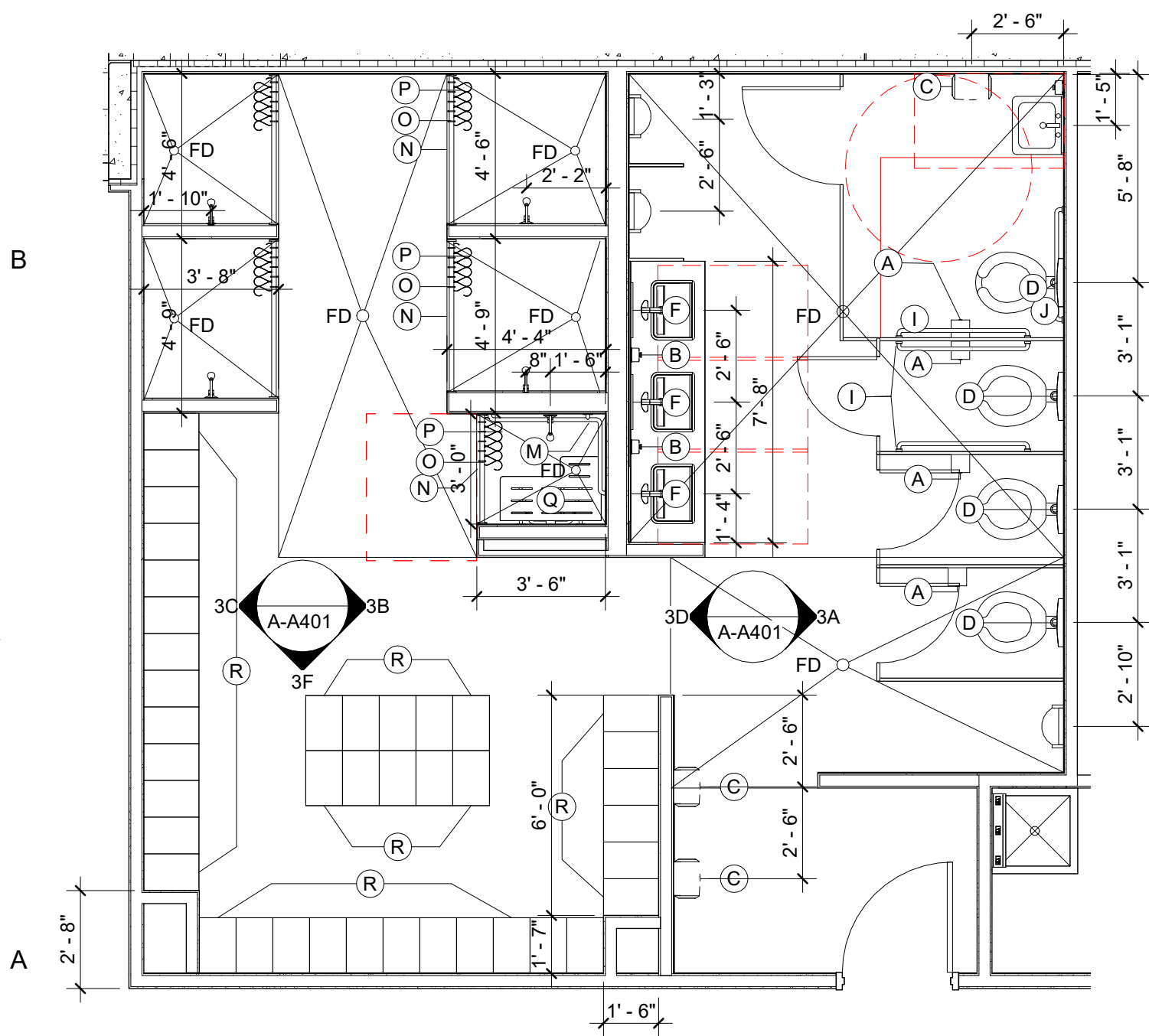
2A WOMEN'S RESTROOM 121 NORTH ELEVATION
A-A401 1/4" = 1'-0"



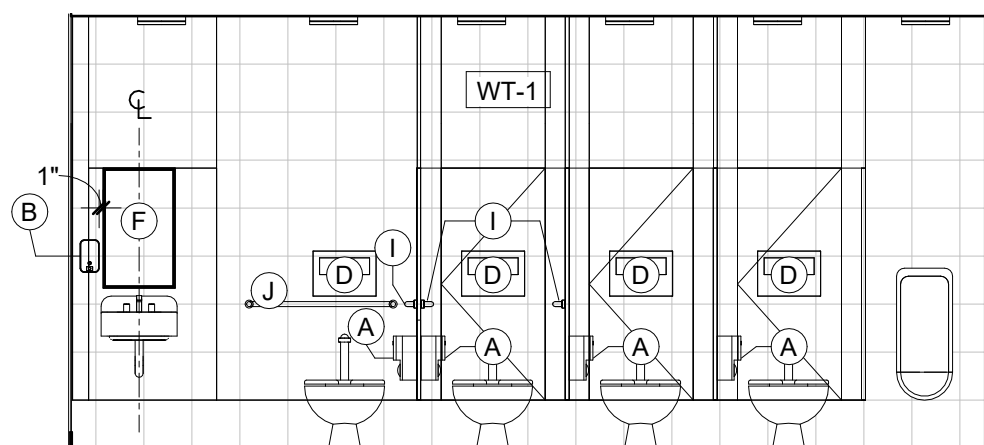
2B WOMEN'S RESTROOM 121 EAST ELEVATION
A-A401 1/4" = 1'-0"



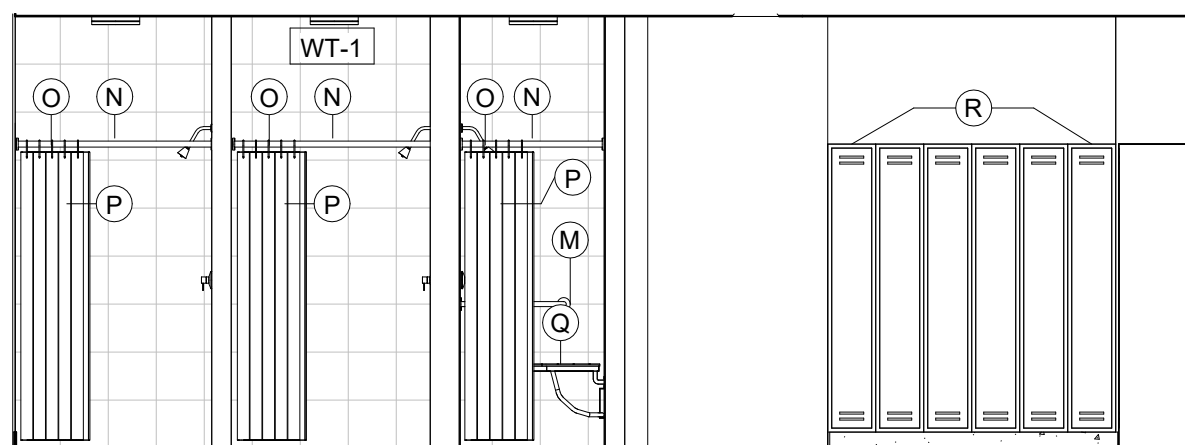
2C WOMEN'S RESTROOM 121 WEST ELEVATION
A-A401 1/4" = 1'-0"



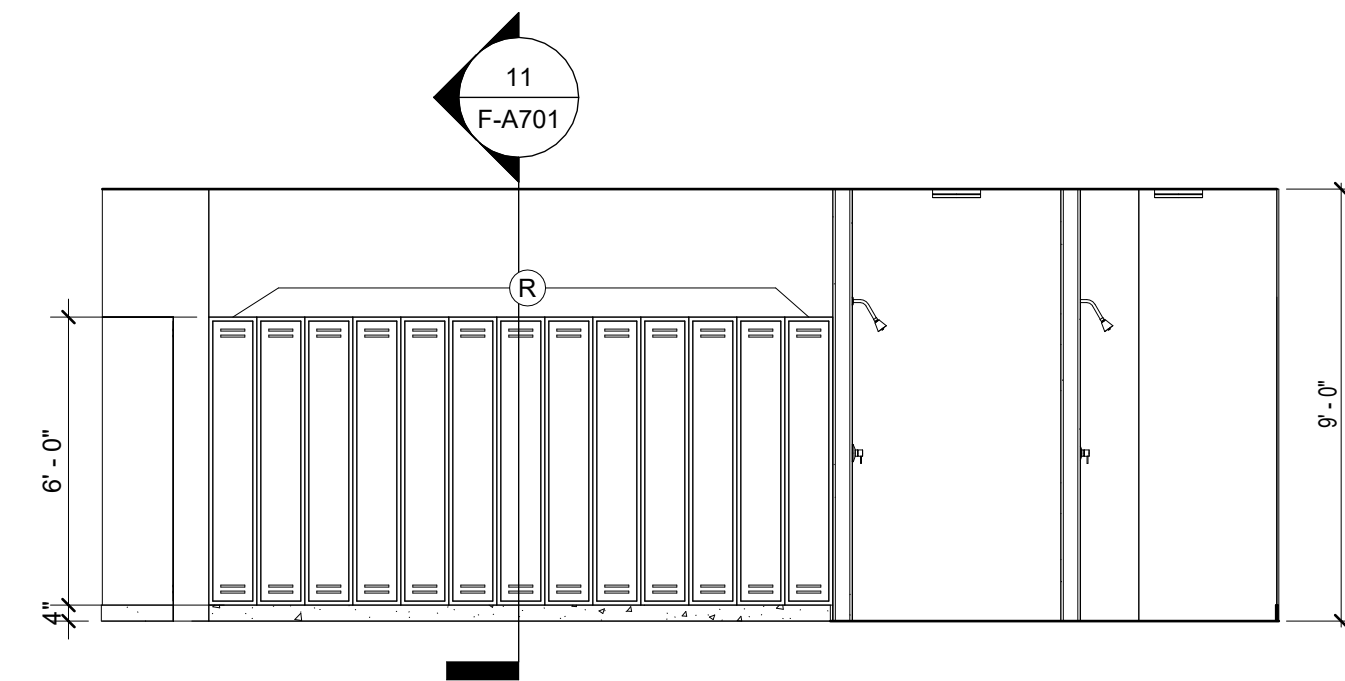
3 MEN'S RESTROOM 122
A-A401 1/4" = 1'-0"



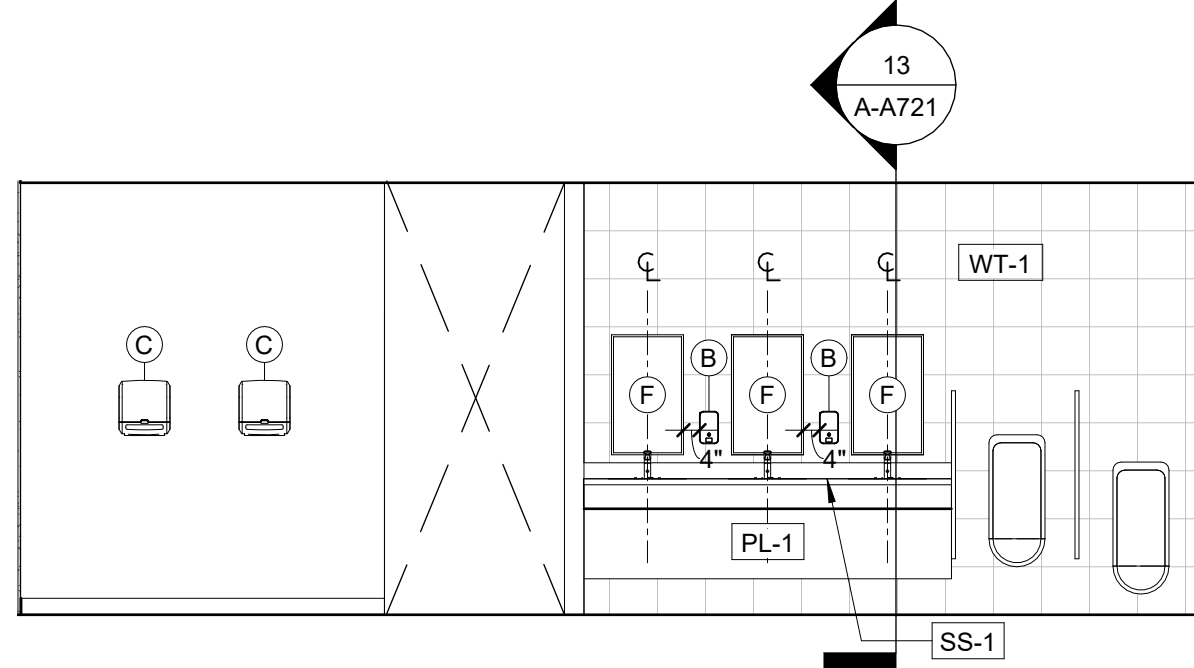
3A MEN'S RESTROOM 122 WEST ELEVATION
A-A401 1/4" = 1'-0"



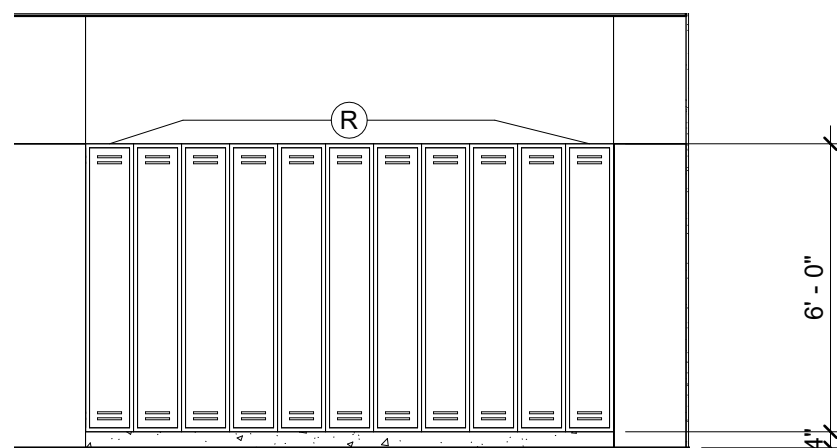
3B MEN'S RESTROOM 122 WEST ELEVATION
A-A401 1/4" = 1'-0"



3C MEN'S RESTROOM 122 EAST ELEVATION
A-A401 1/4" = 1'-0"



3D MEN'S RESTROOM 122 EAST ELEVATION
A-A401 1/4" = 1'-0"



3F MEN'S RESTROOM 122 SOUTH ELEVATION
A-A401 1/4" = 1'-0"

TOILET ACCESSORIES LEGEND

Key	Accessory	Make	Model	Furnish/Install
A	Multi-Roll Toilet Tissue Dispenser	Bobrick	B-4288	CFCI
B	Automatic Soap Dispenser	Coastwide Professional	J Series # CWJAS U-SA112-21-2000	CFCI
C	Automated Touchless Roll Towel Dispenser	Georgia-Pacific	Black 55498A	CFCI
D	Toilet Seat Cover Dispenser	Bobrick	B-4221	CFCI
E	NOT USED			
F	18"x30" Glass Mirror with Stainless Steel Frame	Bobrick	B-165 1830	CFCI
G	Surface Mounted Sanitary Napkin Disposal	Bobrick	B-254	CFCI
H	24" Wide Mop/Broom Holder w/ (3) Holders	Bobrick	B223x24	CFCI
I	Grab Bar - 42"	Bobrick	B-5806 x 42	CFCI
J	Grab Bar - 36"	Bobrick	B-5806 x 36	CFCI
K	Grab Bar - 24"	Bobrick	B-5806 x 24	CFCI
L	Grab Bar - 18" Vertical	Bobrick	B-5806 x 18	CFCI
M	Grab Bar - Two Wall	Bobrick	B-58616	CFCI
N	Shower Rod	Bobrick	B-207 x 36, 48, 72	CFCI
O	Shower Curtain Hooks	Bobrick	204-1	CFCI
P	Shower Curtain	Bobrick	204-3	CFCI
Q	Reversible Shower Seat	Bobrick	B-5181	CFCI
R	Lockers	List Industries	Heavy-Duty Ventilated KD, 12"x18"x72", Hollowell Gray	CFCI

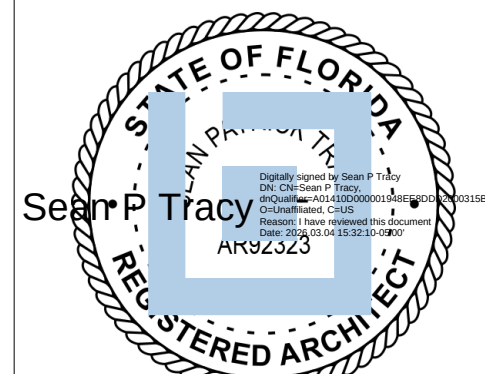
ABBREVIATIONS

OF - OWNER FURNISHED
OI - OWNER INSTALLED
CF - CONTRACTOR FURNISHED
CI - CONTRACTOR INSTALLED



201 South Orange Ave, Suite 800
Orlando, FL 32801
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PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

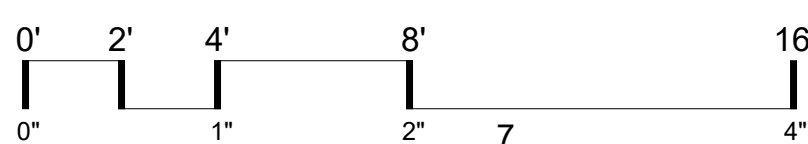
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

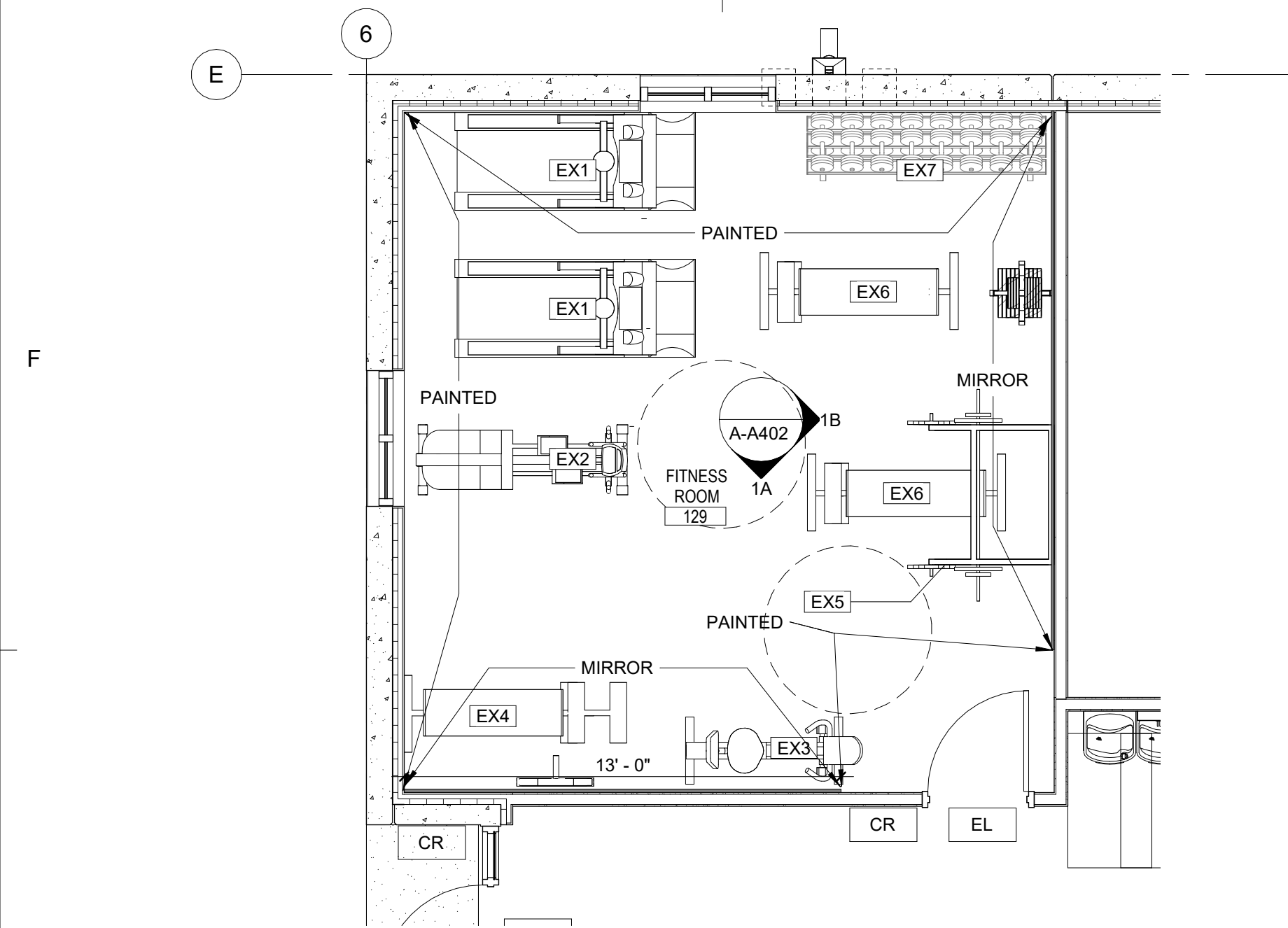
814C632800

SHEET TITLE
ENLARGED TOILET
PLANS AND
ELEVATIONS

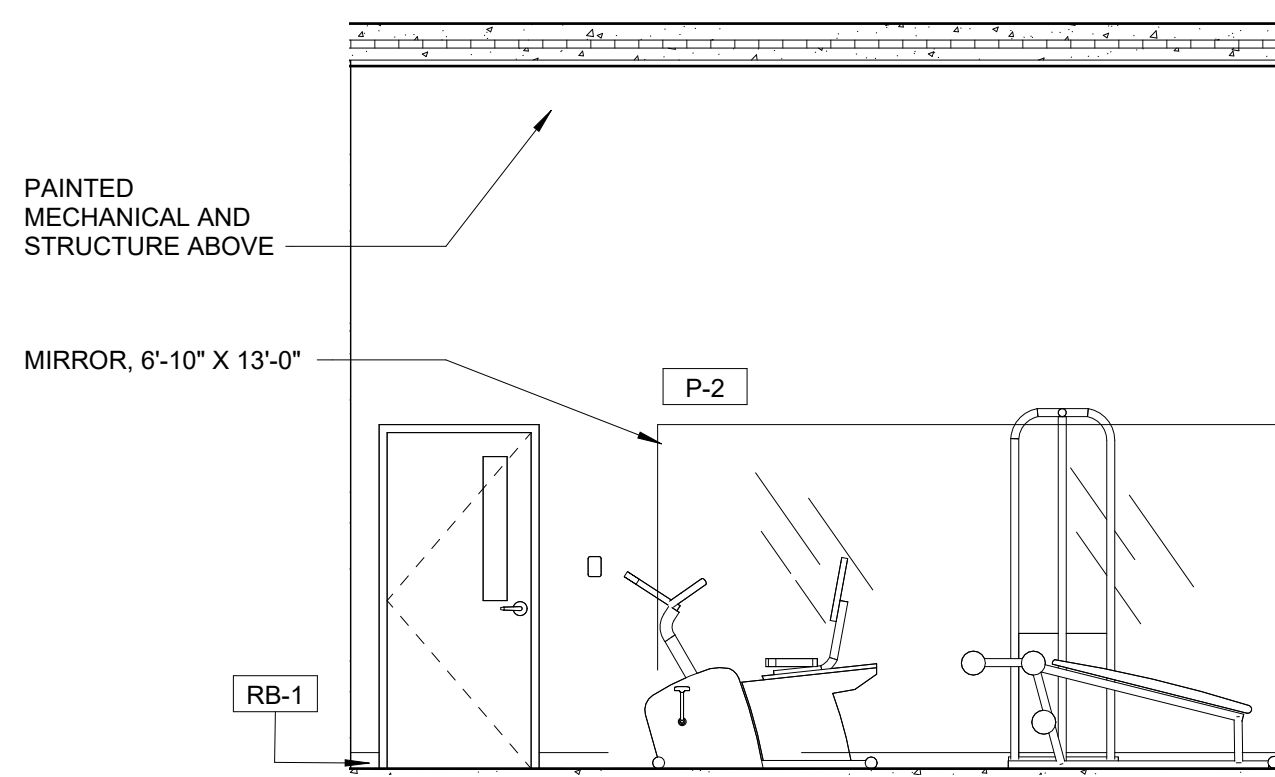
SHEET NUMBER

A-A401

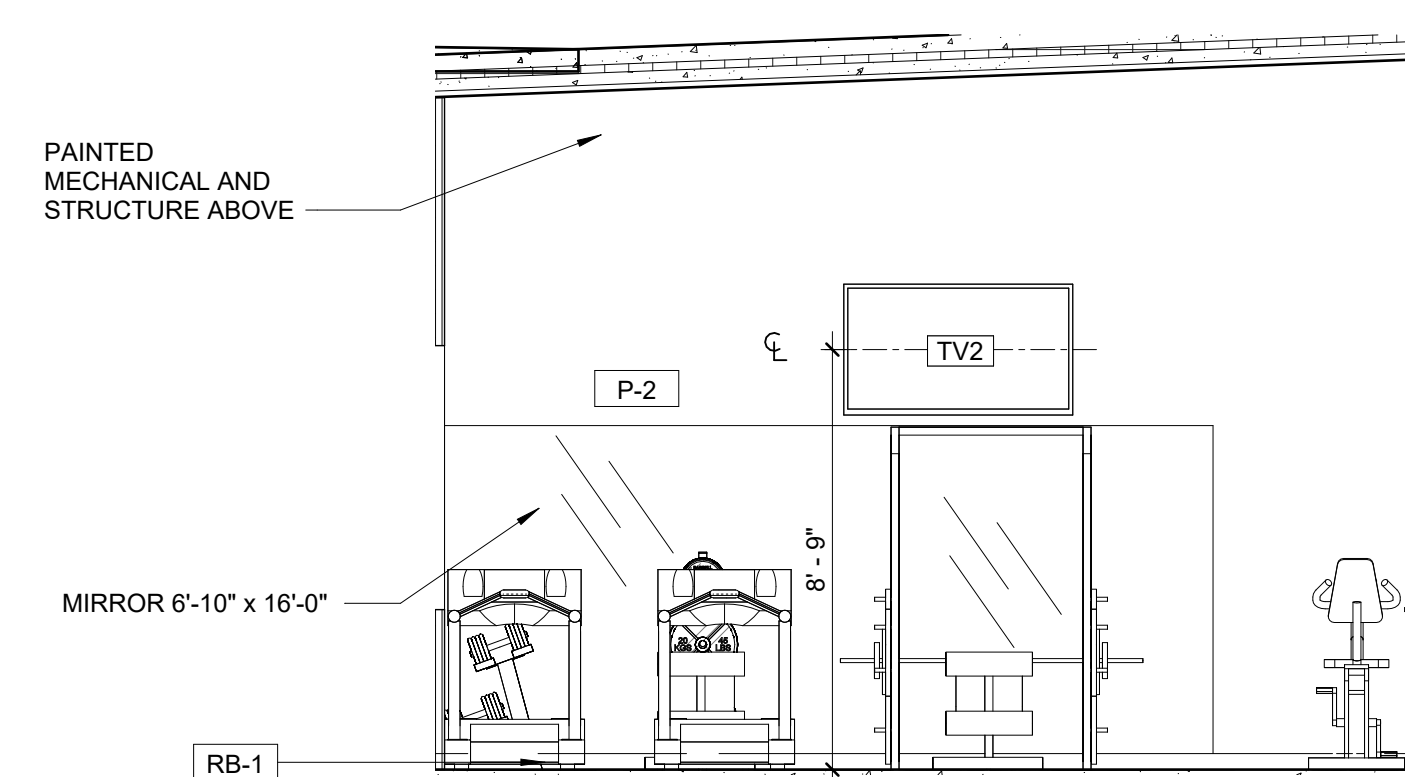




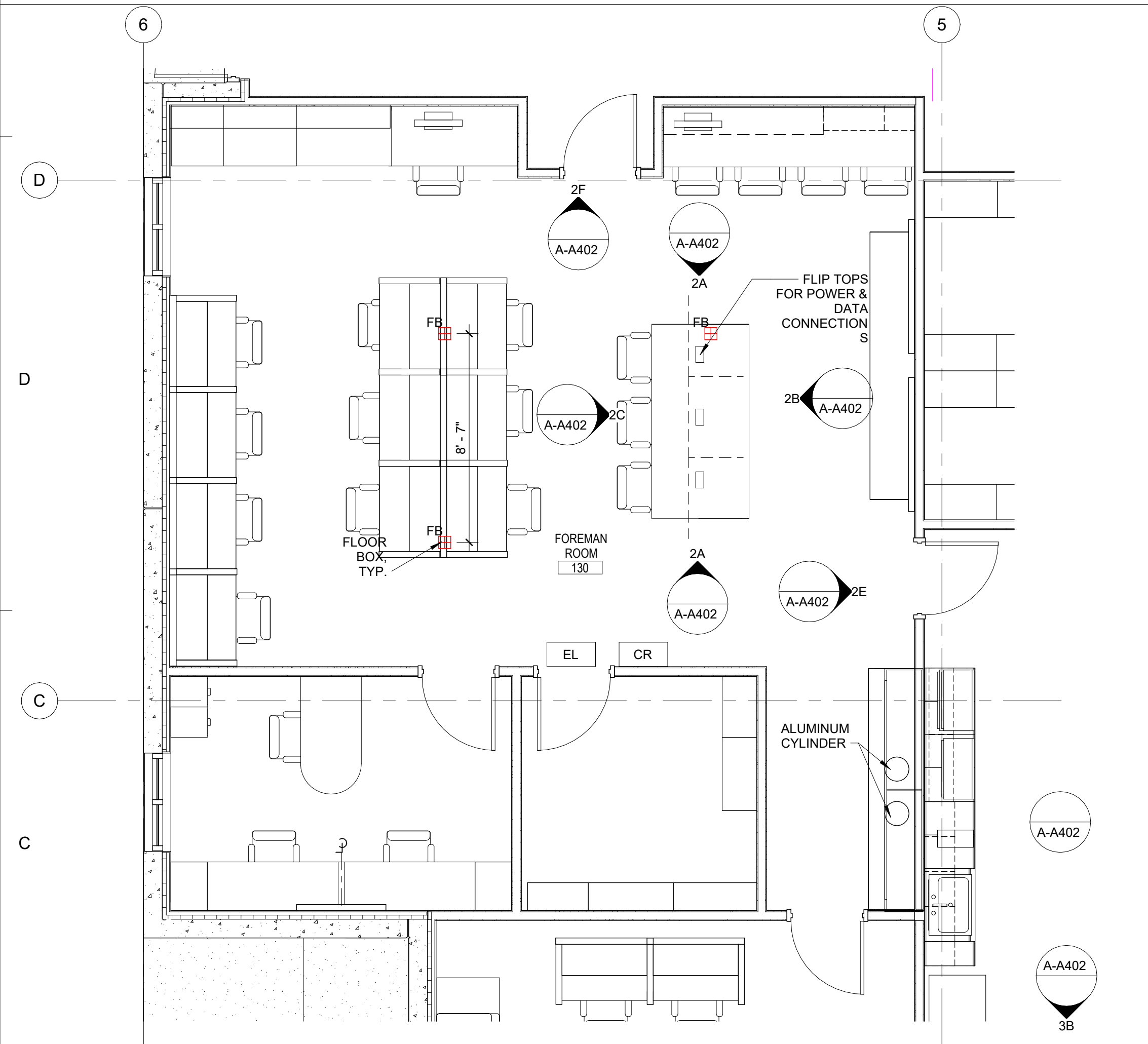
1 FITNESS CENTER 129
A-A402 1/4" = 1'-0"



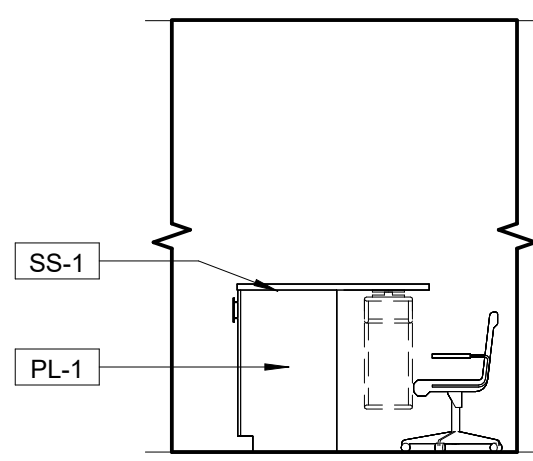
1A FITNESS CENTER - A
A-A402 1/4" = 1'-0"



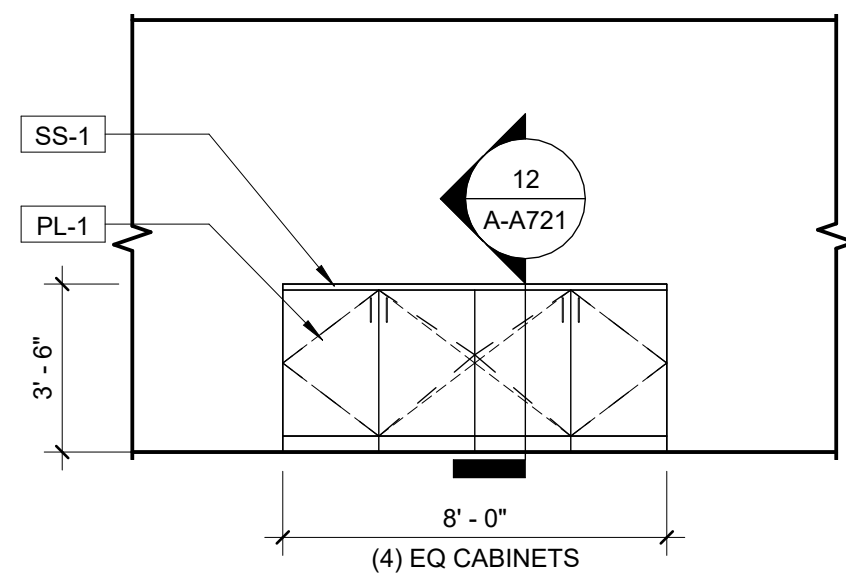
1B FITNESS CENTER - B
A-A402 1/4" = 1'-0"



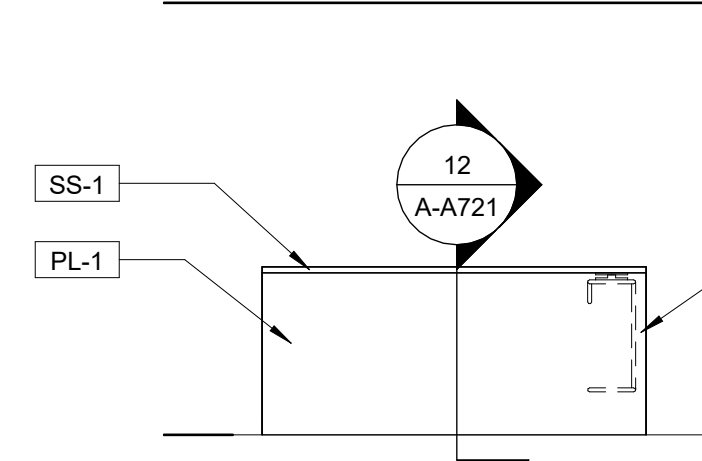
2 FOREMAN ROOM 130
A-A402 1/4" = 1'-0"



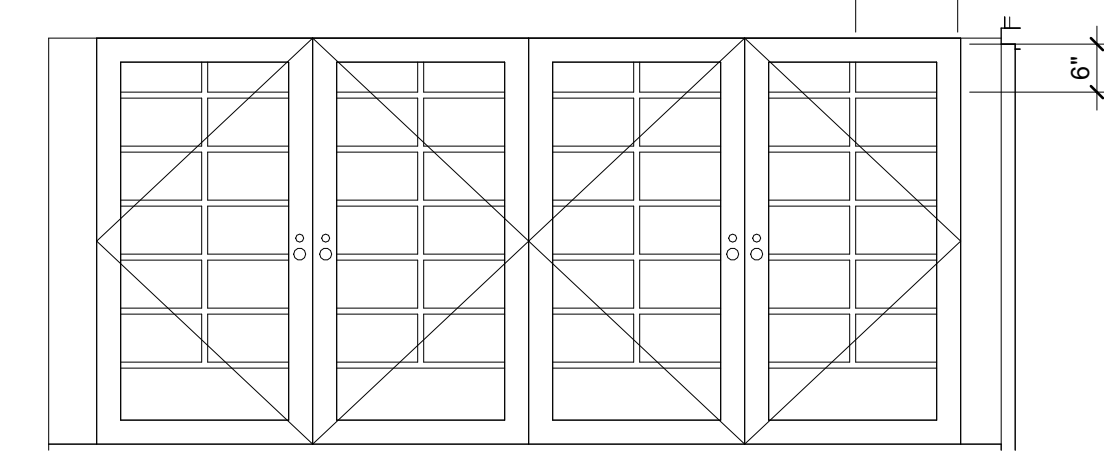
2A FOREMAN ROOM - COUNTER ELEV.
A-A402 1/4" = 1'-0"



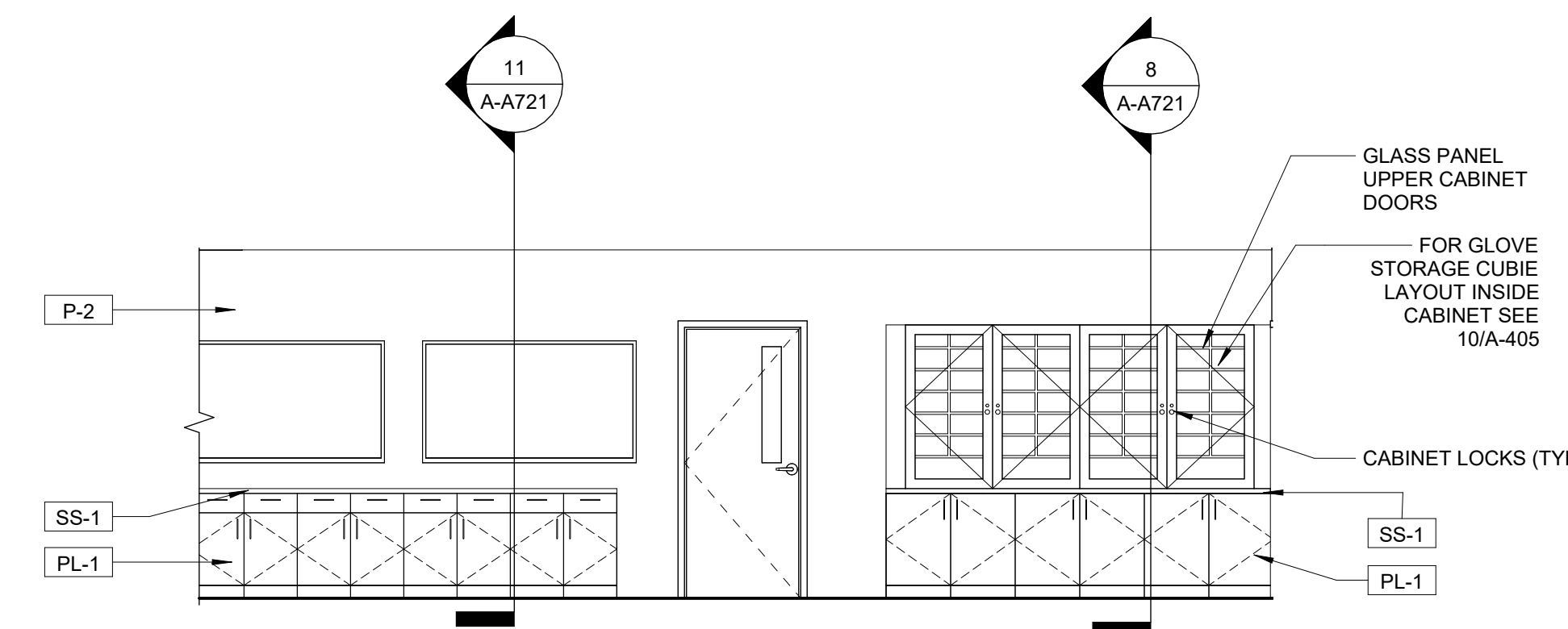
2B FOREMAN ROOM - COUNTER ELEV.
A-A402 1/4" = 1'-0"



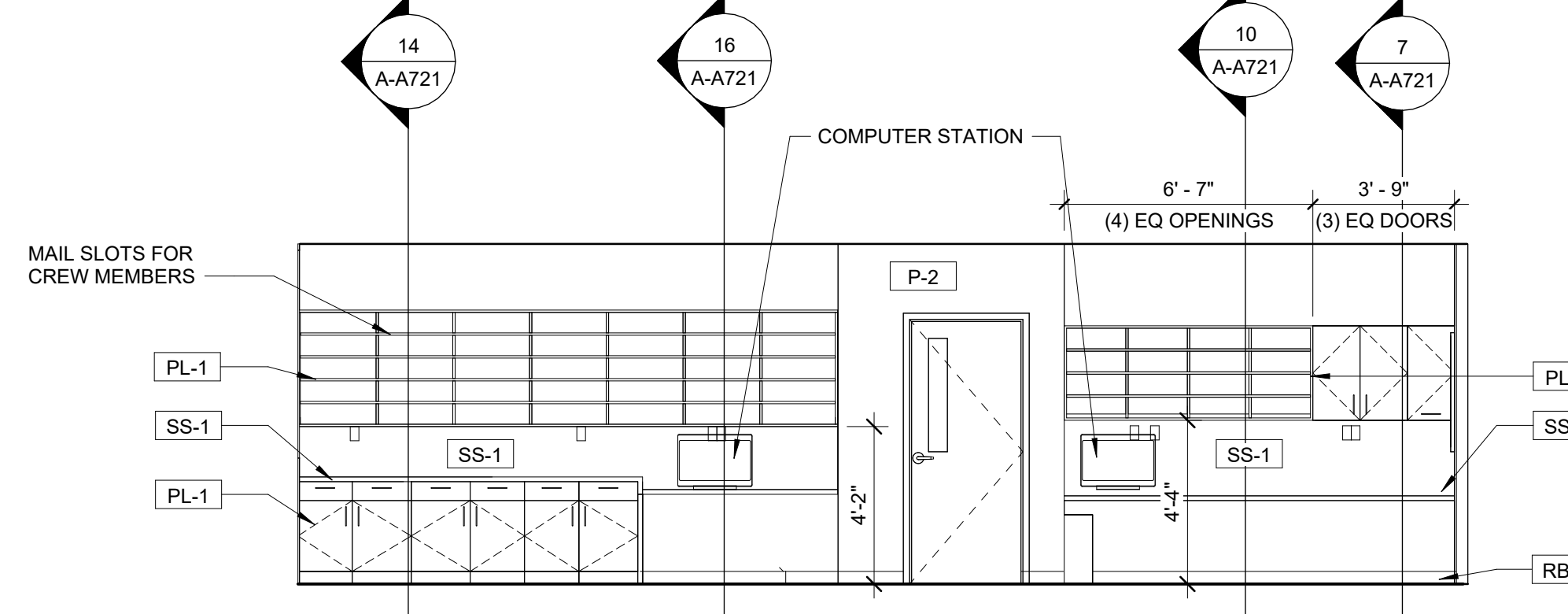
2C FOREMAN ROOM - COUNTER ELEV.
A-A402 1/4" = 1'-0"



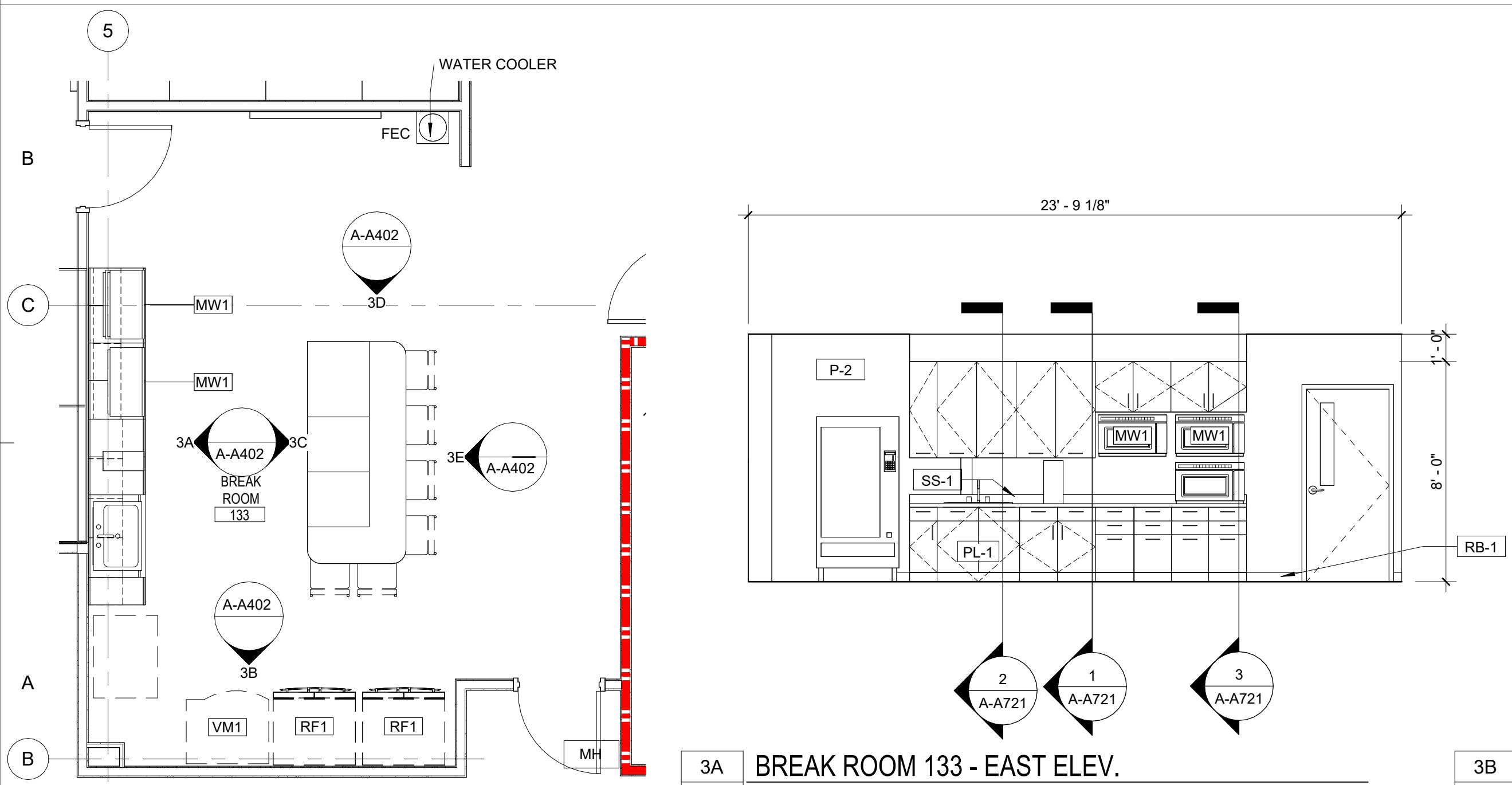
2D GLOVE STORAGE ELEV.
A-A402 1/2" = 1'-0"



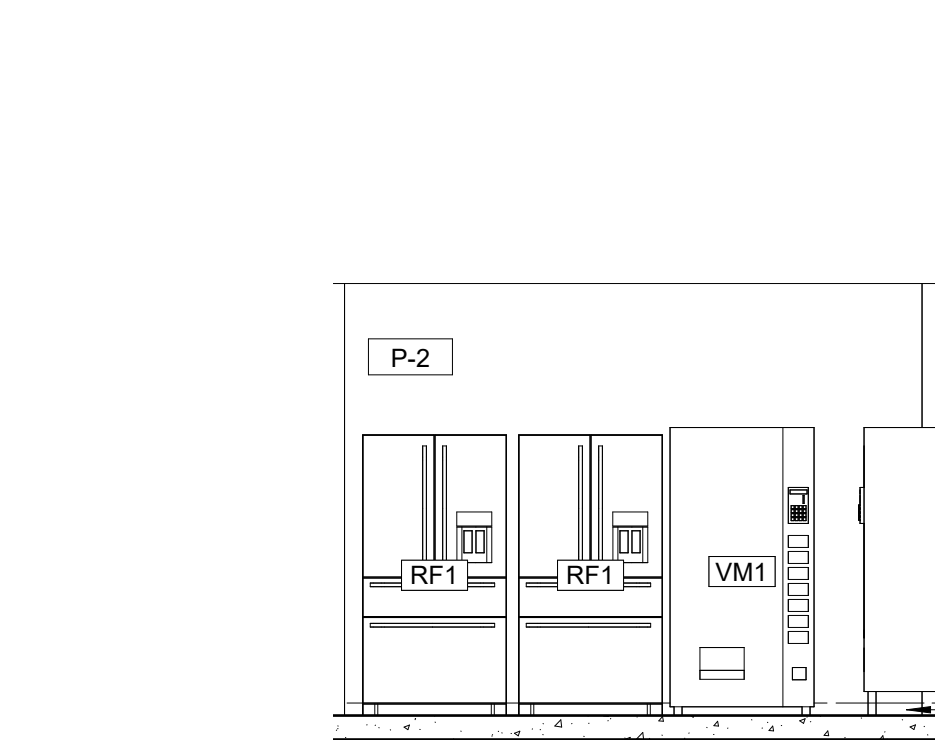
2E FOREMAN ROOM - WEST ELEV.
A-A402 1/4" = 1'-0"



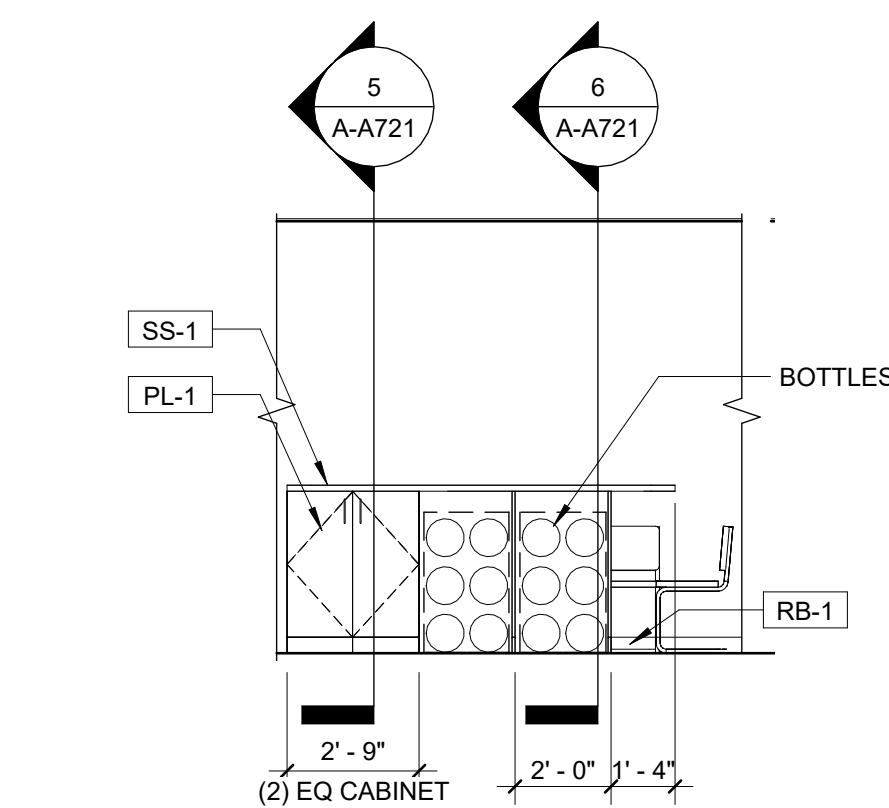
2F FOREMAN ROOM - SOUTH ELEV.
A-A402 1/4" = 1'-0"



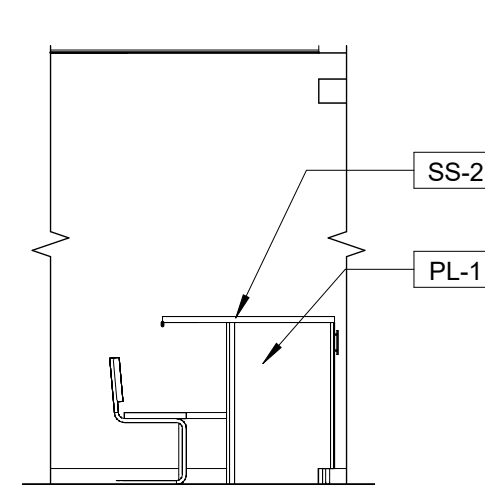
3 BREAK ROOM 133
A-A402 1/4" = 1'-0"



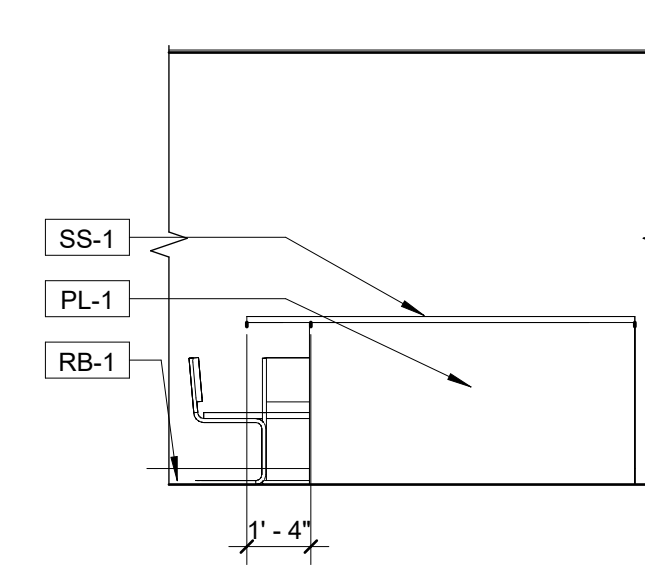
3B BREAK ROOM 133 - SOUTH ELEVATION
A-A402 1/4" = 1'-0"



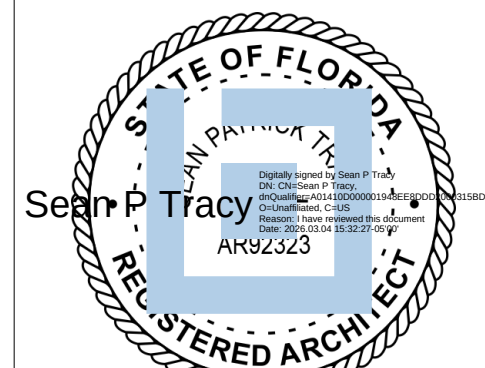
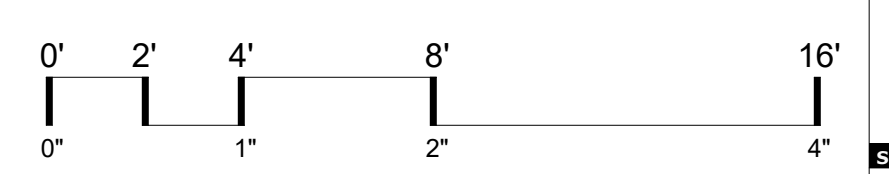
3C BREAK ROOM 133 - COUNTER ELEV.
A-A402 1/4" = 1'-0"



3D BREAK ROOM 133 - COUNTER ELEV.
A-A402 1/4" = 1'-0"



3E BREAK ROOM 133 - COUNTER ELEV.
A-A402 1/4" = 1'-0"



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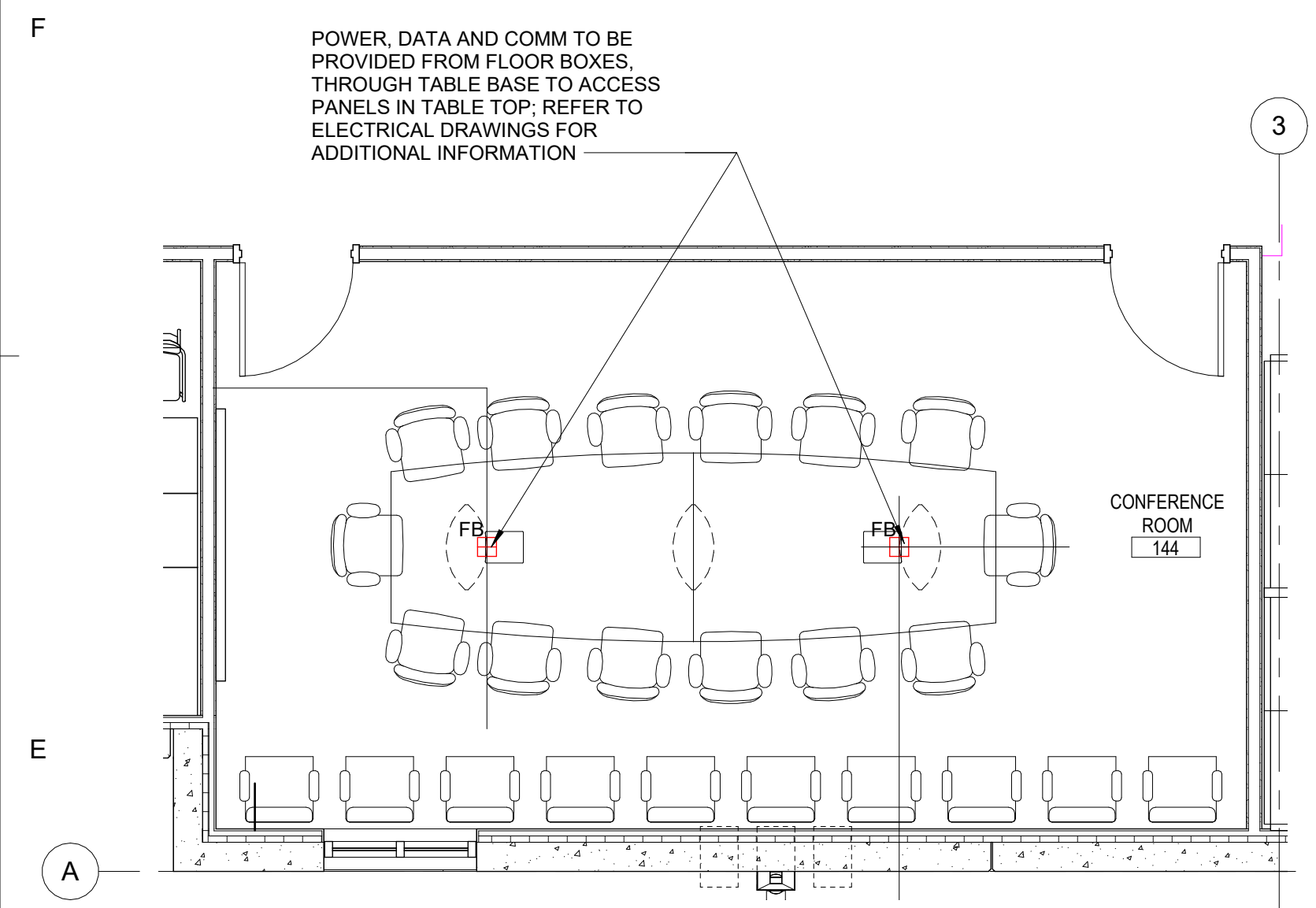
COLUMBIA STORM
PROCESSING & SERVICE
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SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

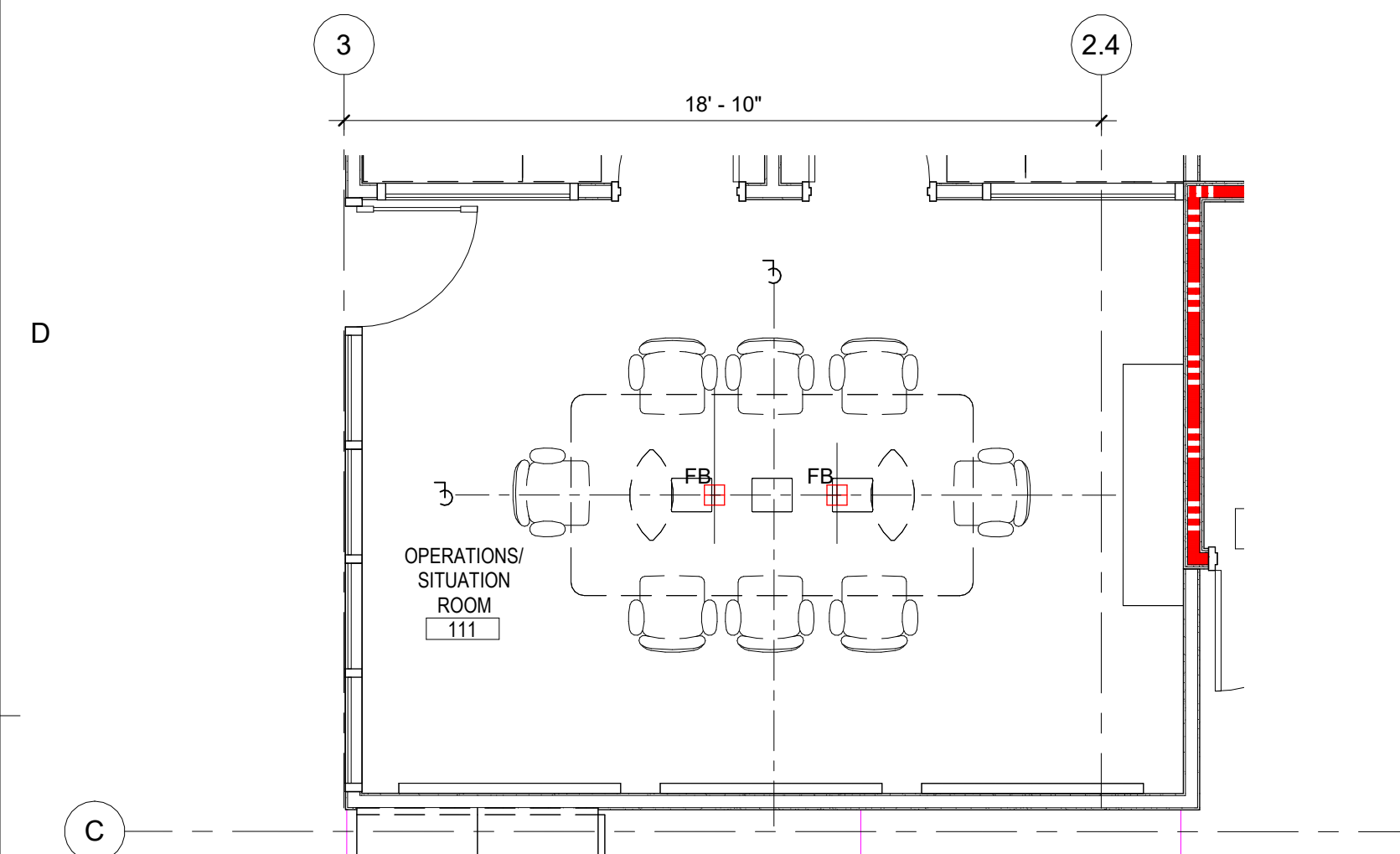
814C632800

ENLARGED PLANS AND
INTERIOR ELEVATIONS

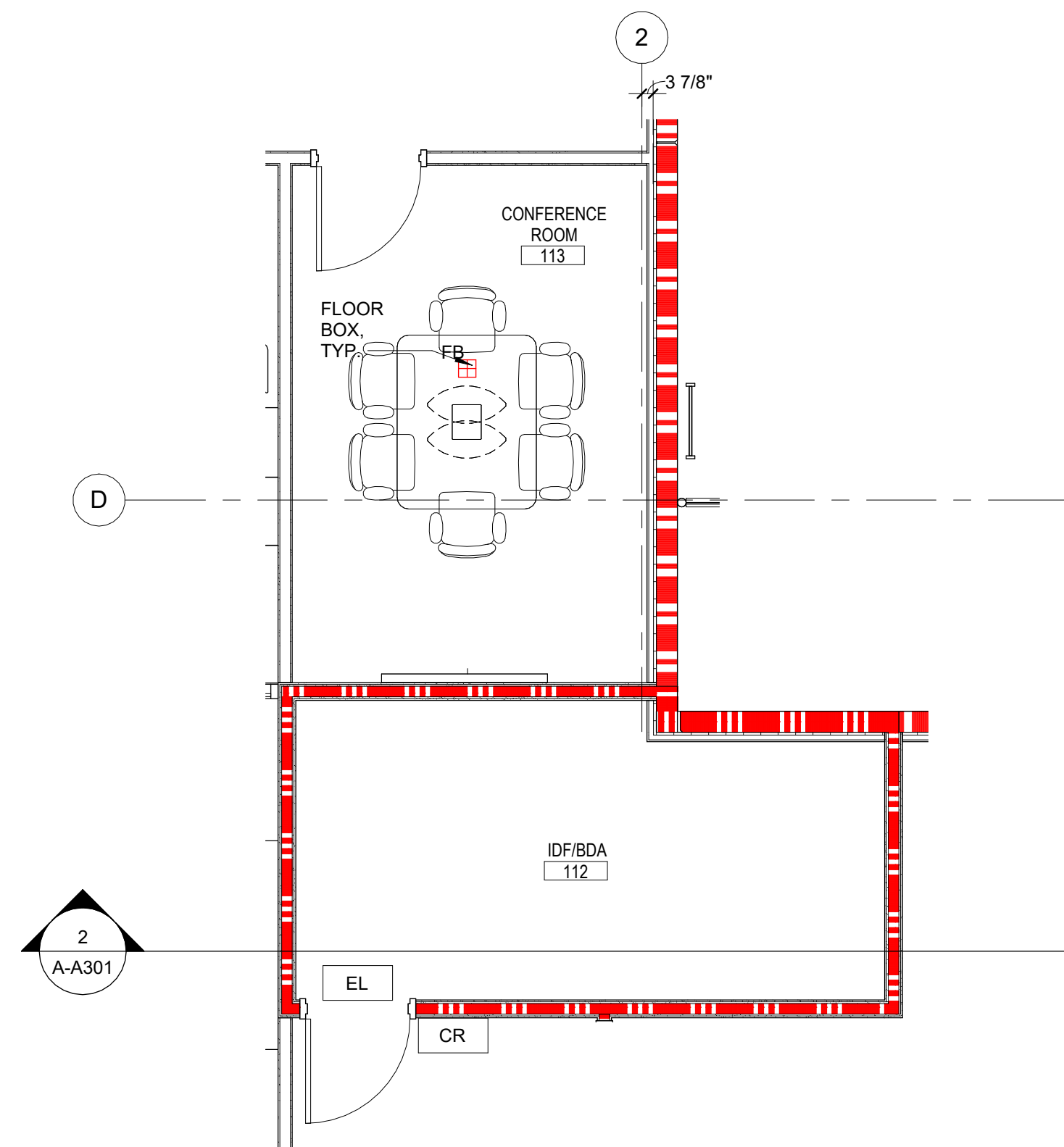
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A-A402



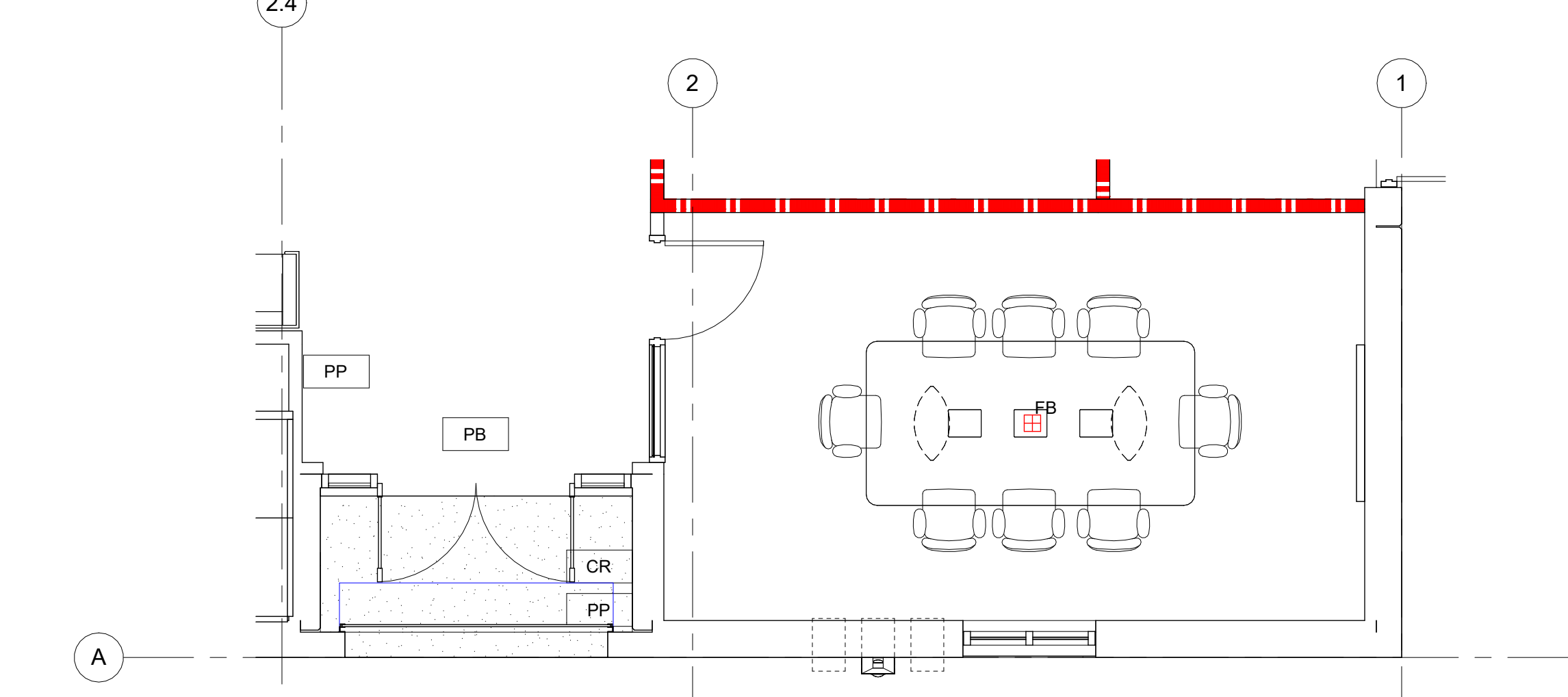
1 CONFERENCE ROOM 144
A-A403 1/4" = 1'-0"



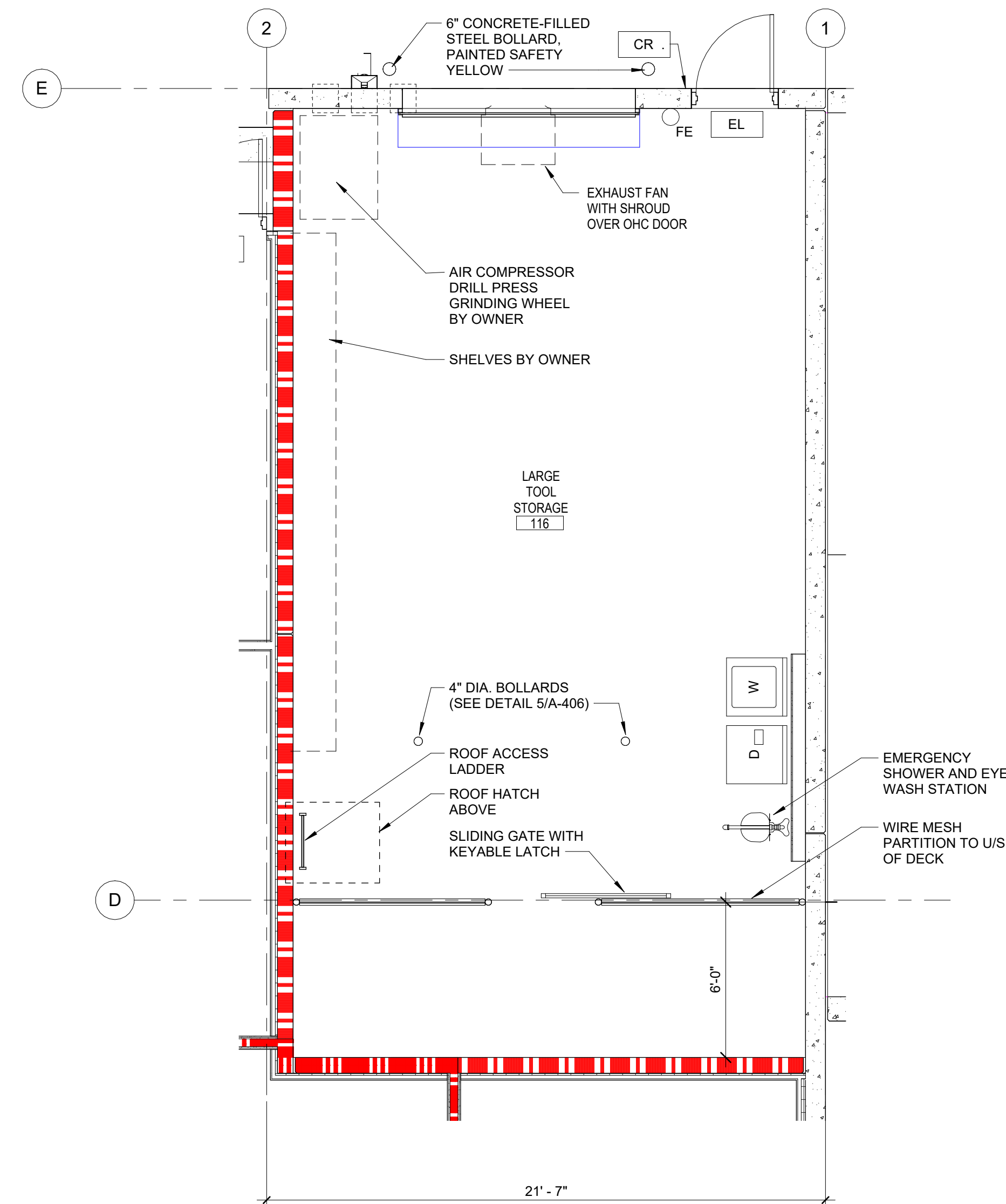
3 OPERATIONS/SITUATION ROOM 111
A-A403 1/4" = 1'-0"



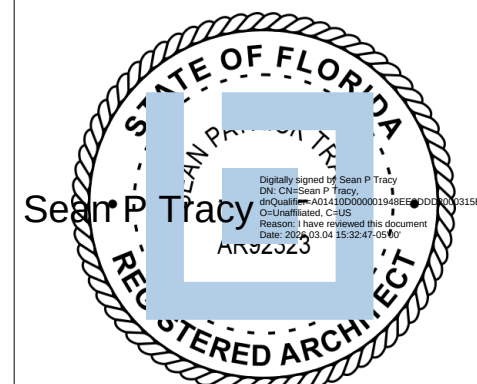
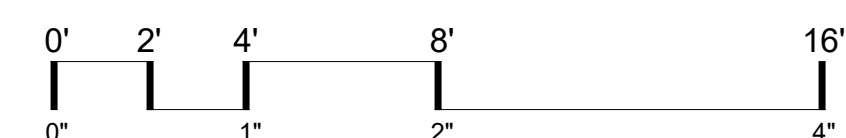
2 CONFERENCE ROOM 113/IDF 112
A-A403 1/4" = 1'-0"



4 CONFERENCE ROOM 102
A-A403 1/4" = 1'-0"



5 LARGE TOOL STORAGE ROOM 116
A-A403 1/4" = 1'-0"



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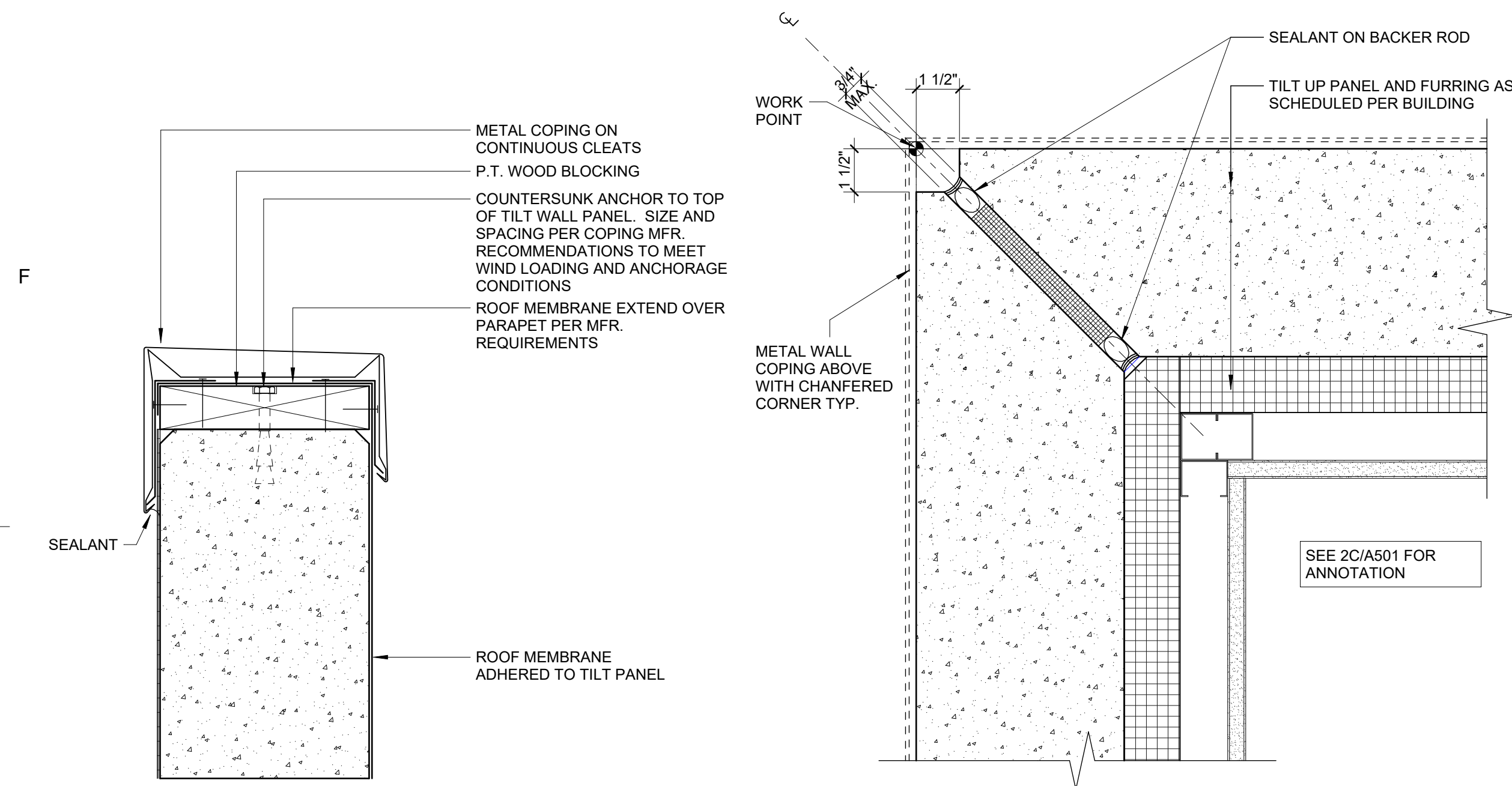
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

PROJECT NO.
814C632800

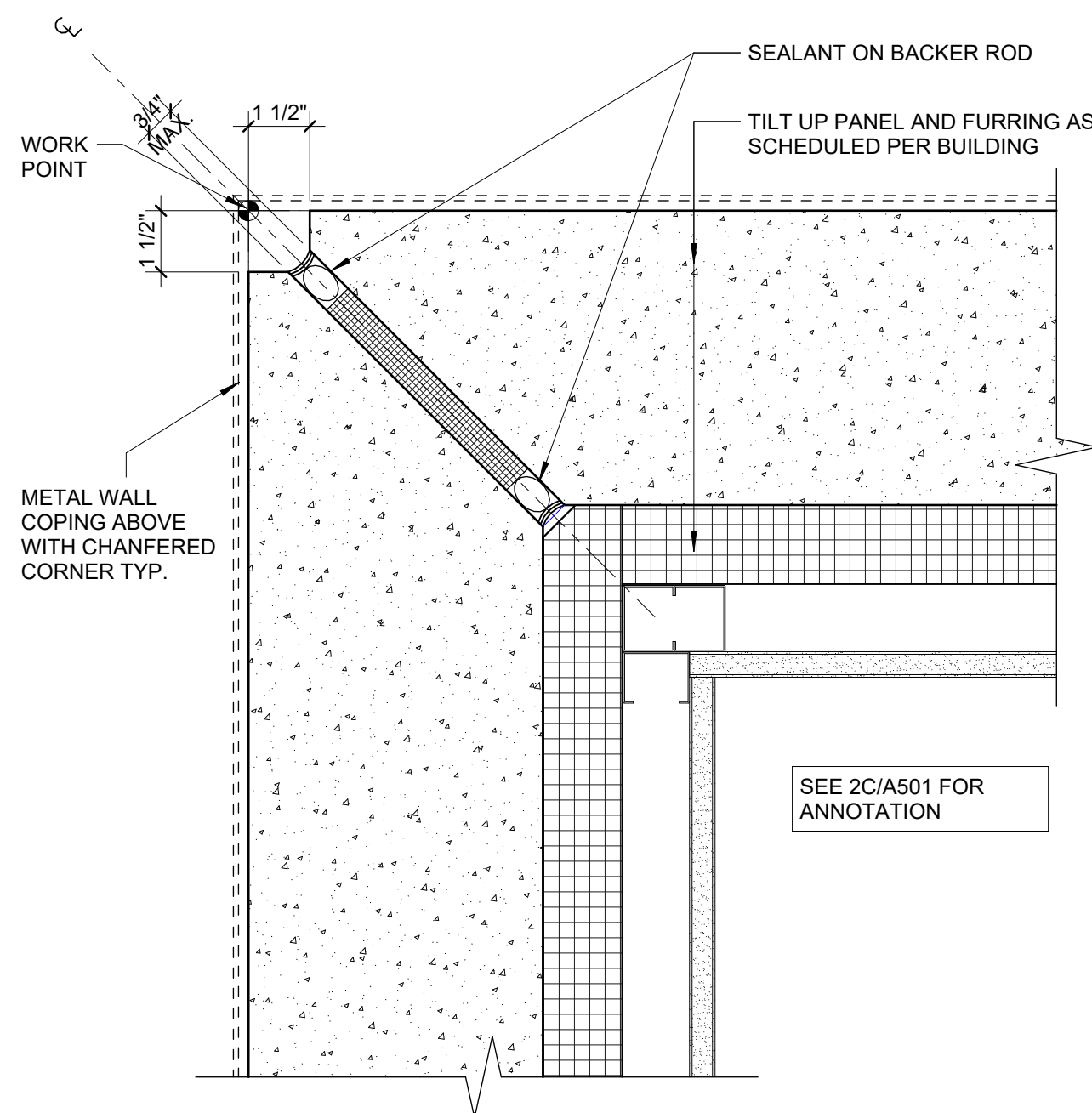
SHEET TITLE
ENLARGED PLANS AND
INTERIOR ELEVATIONS

SHEET NUMBER

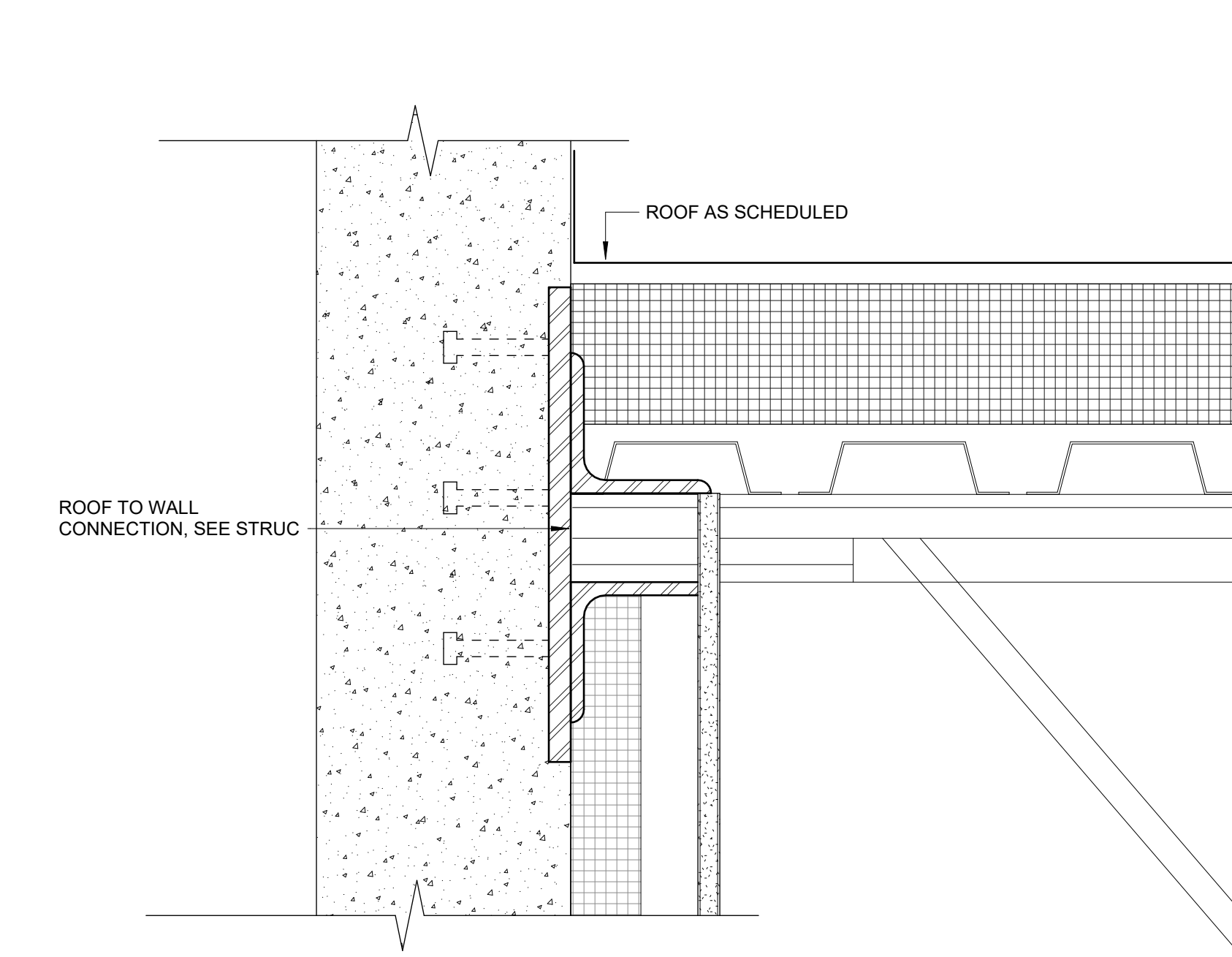
A-A403



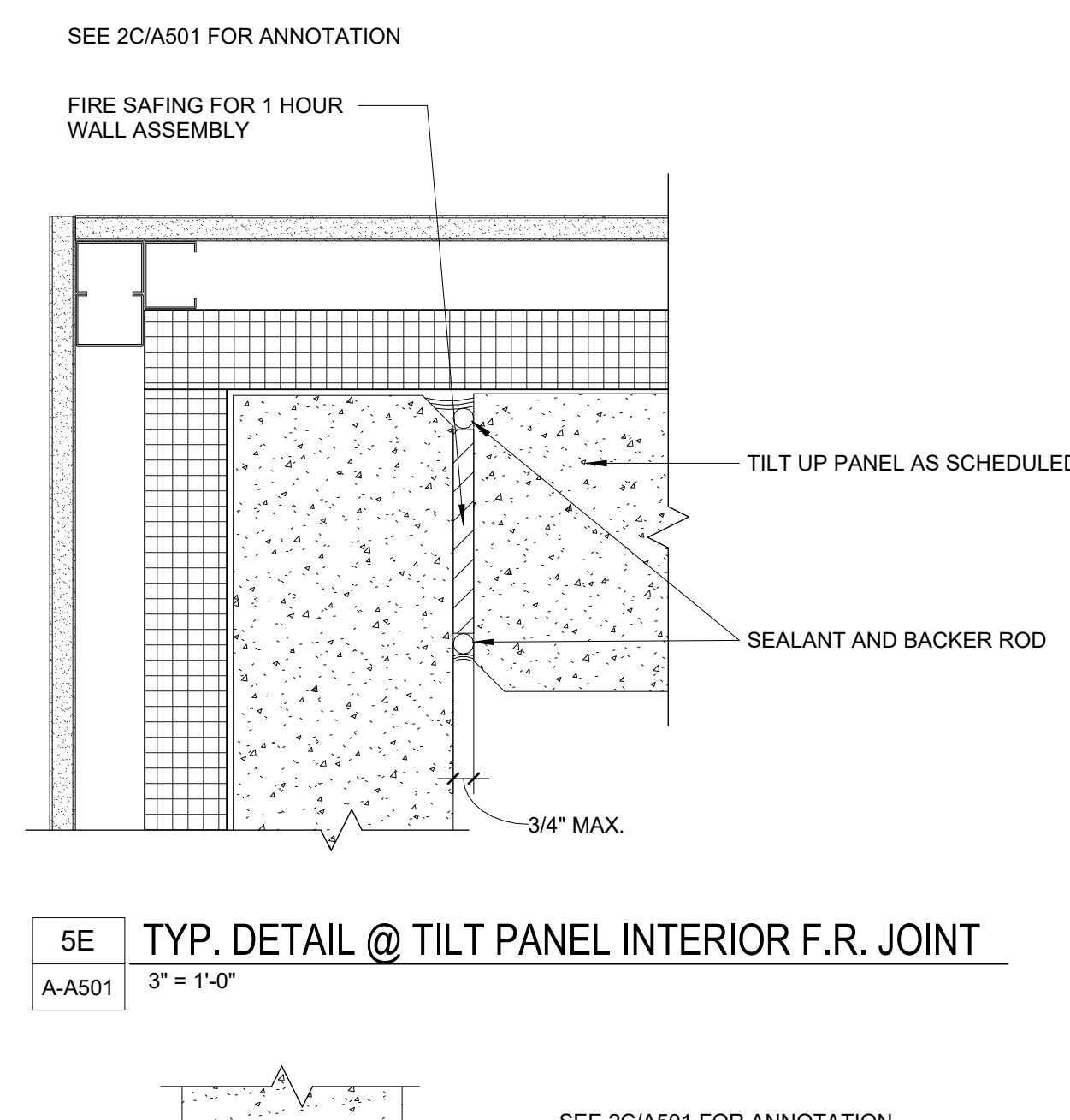
1E TYP. DETAIL @ TILT PANEL PARAPET
A-A501 3" = 1'-0"



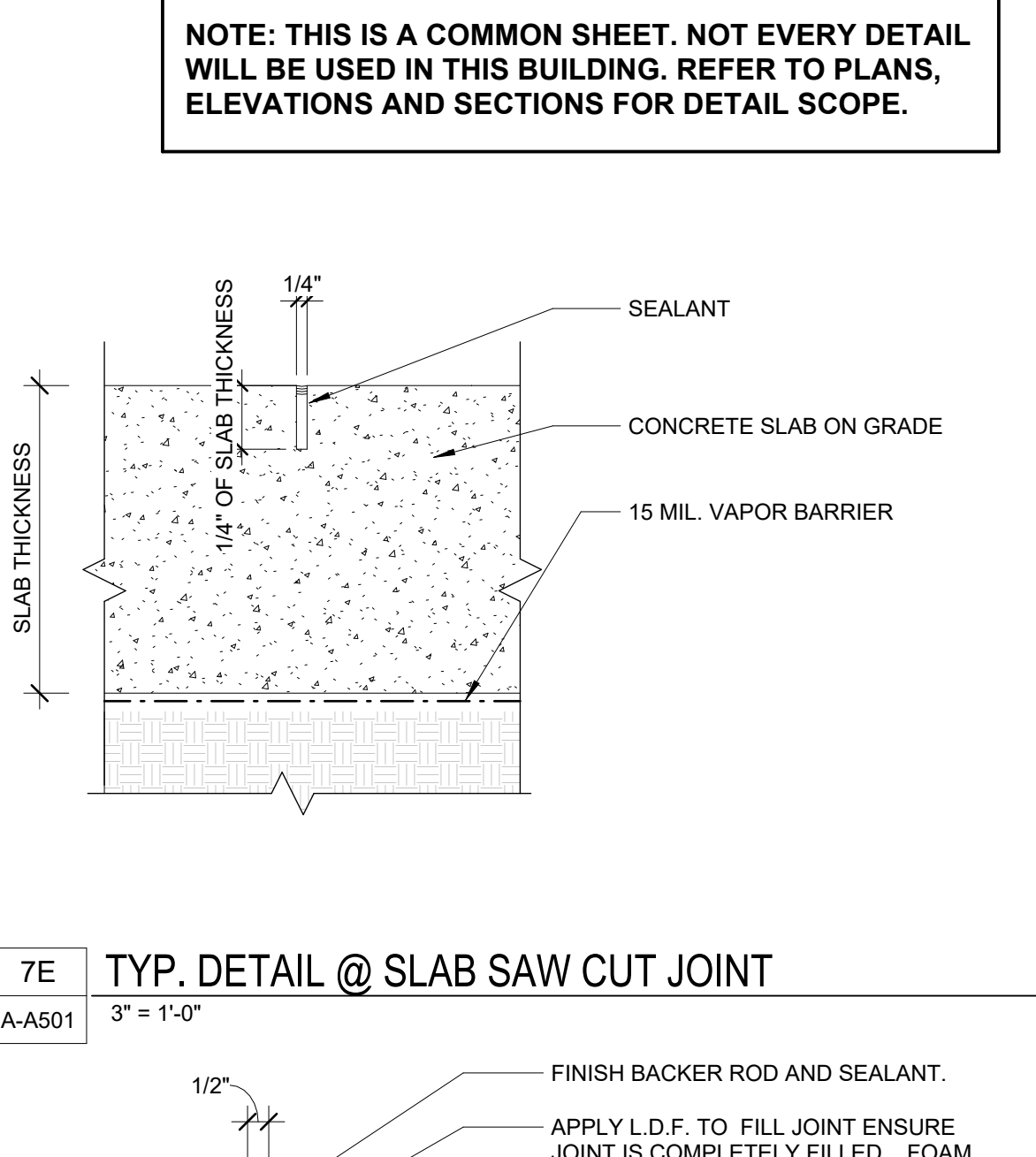
2E TYP. DETAIL @ MITERED OUTSIDE CORNER
A-A501 3" = 1'-0"



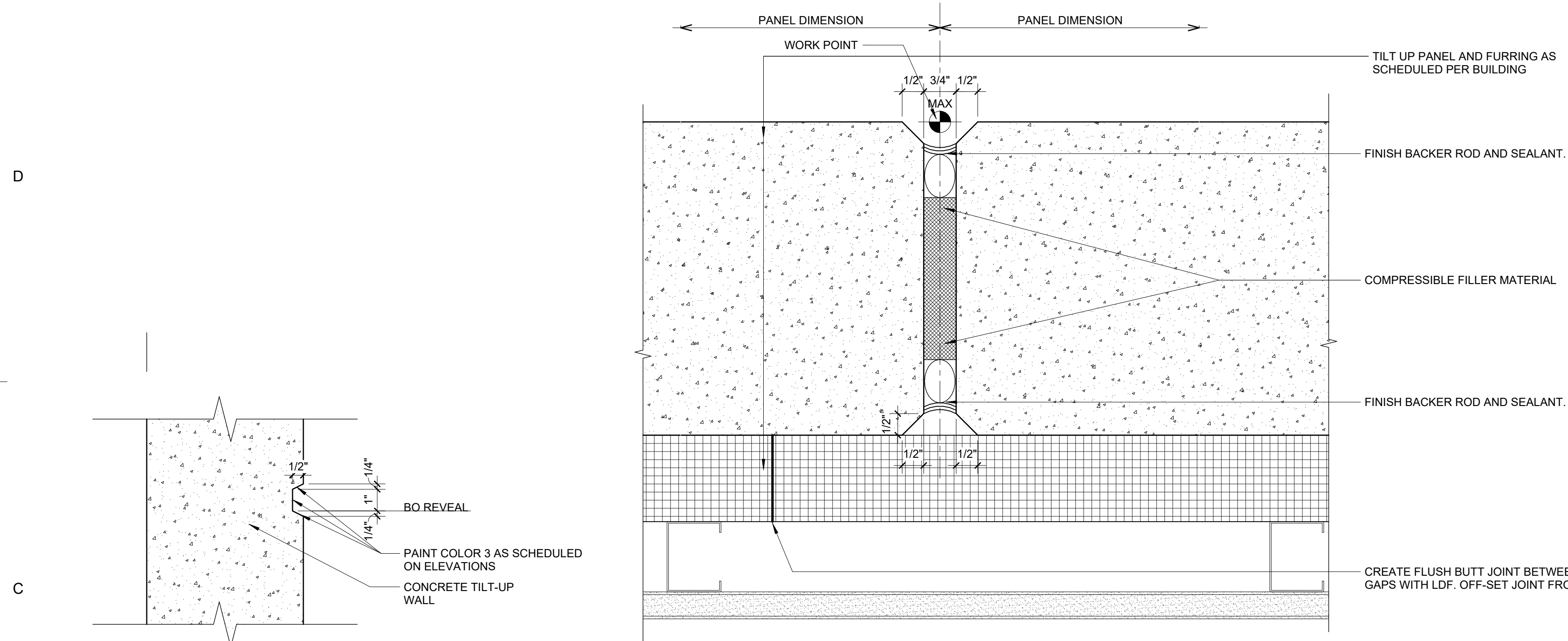
3E TYP. DETAIL @ TILT PANEL TO WALL
A-A501 3" = 1'-0"



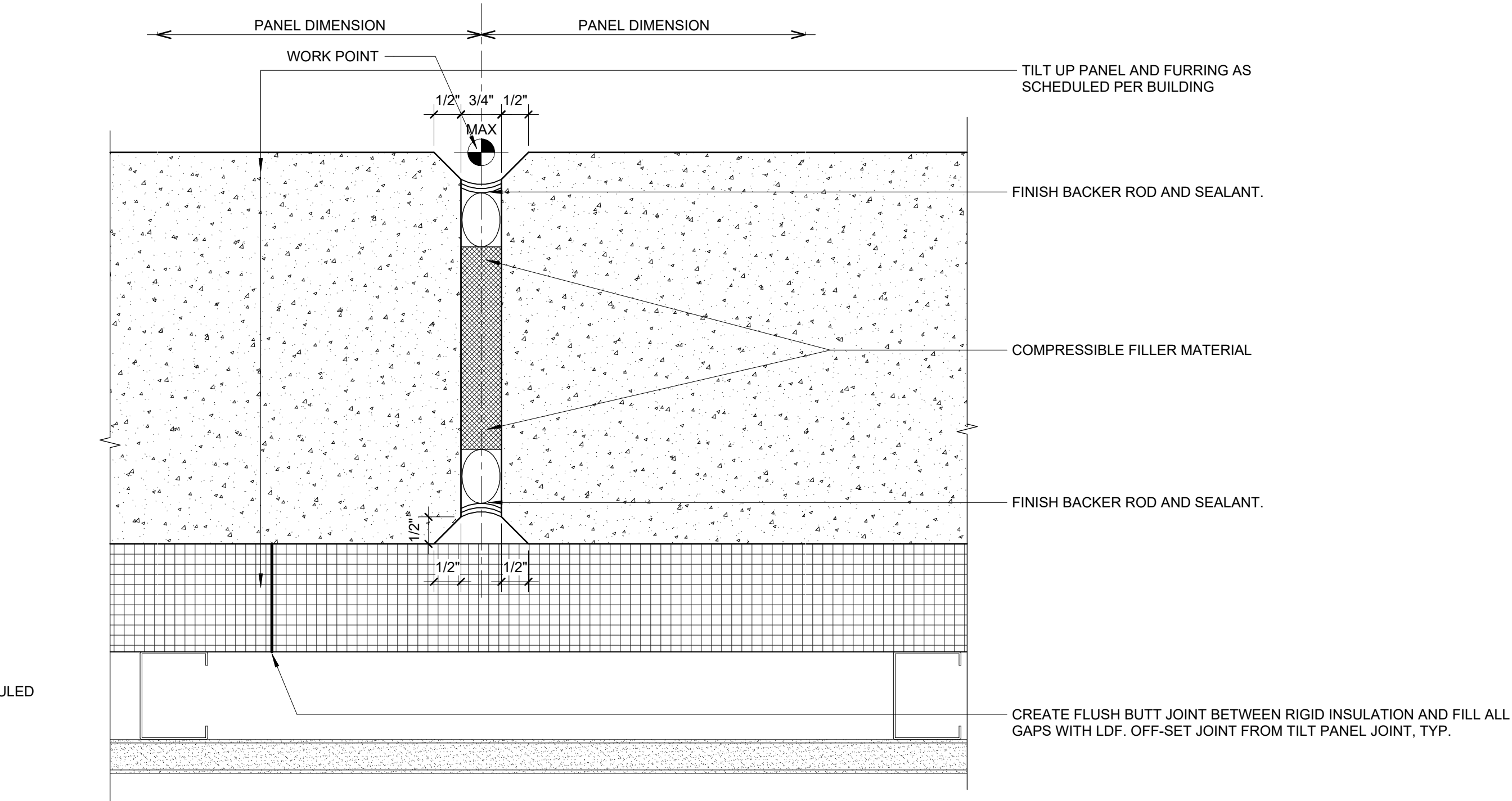
5E TYP. DETAIL @ TILT PANEL INTERIOR F.R. JOINT
A-A501 3" = 1'-0"



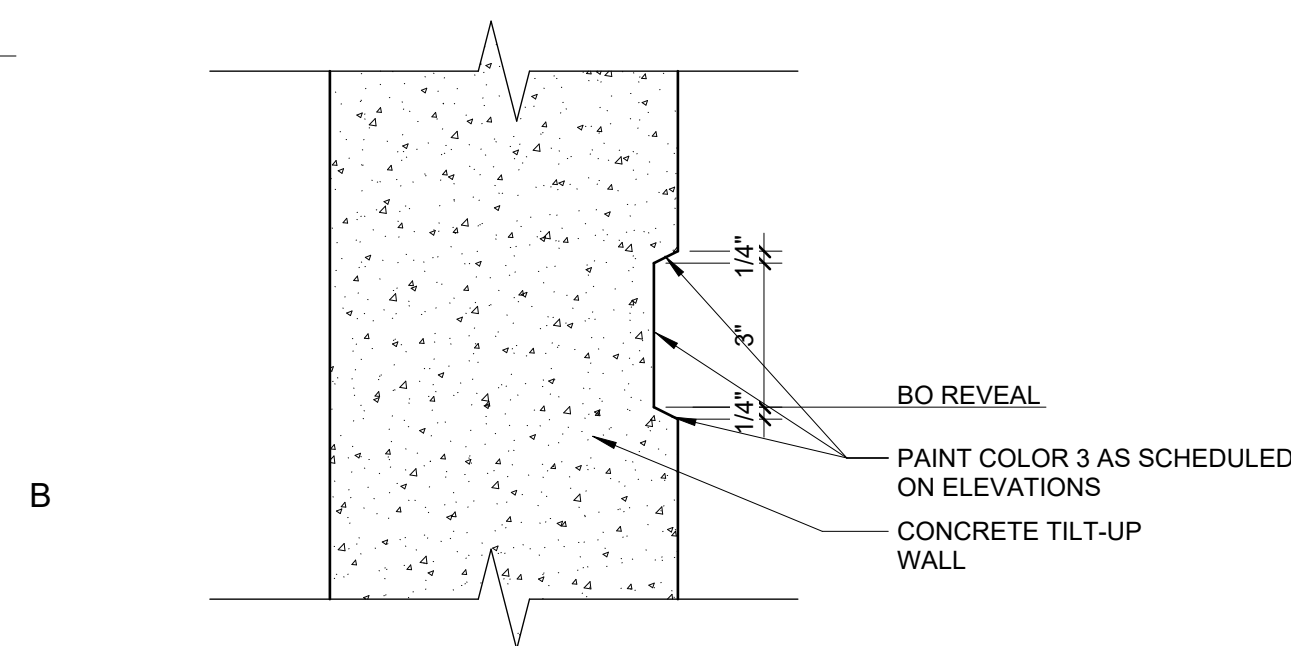
7E TYP. DETAIL @ SLAB SAW CUT JOINT
A-A501 3" = 1'-0"



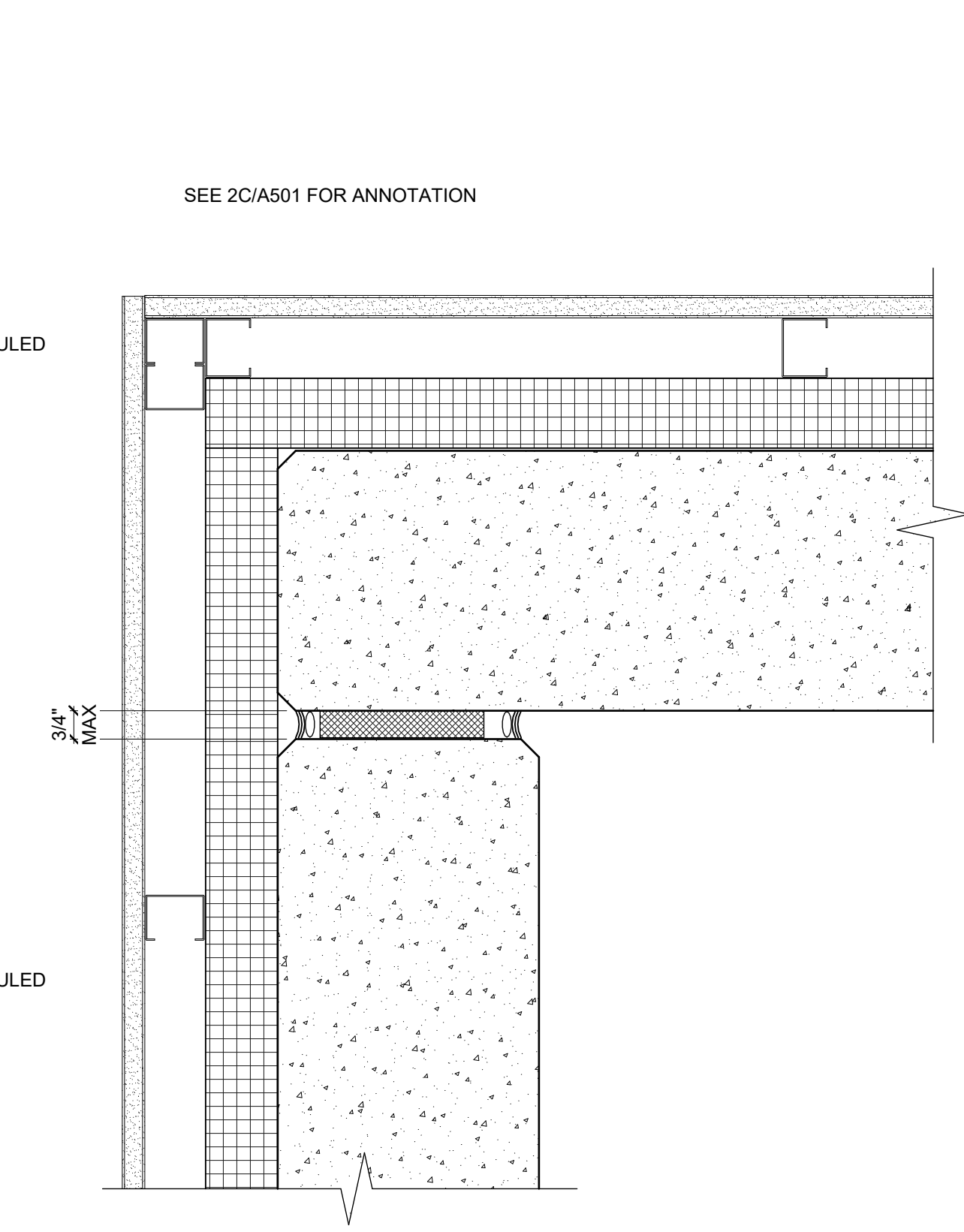
1C CONC. PANEL 1" REVEAL
A-A501 3" = 1'-0"



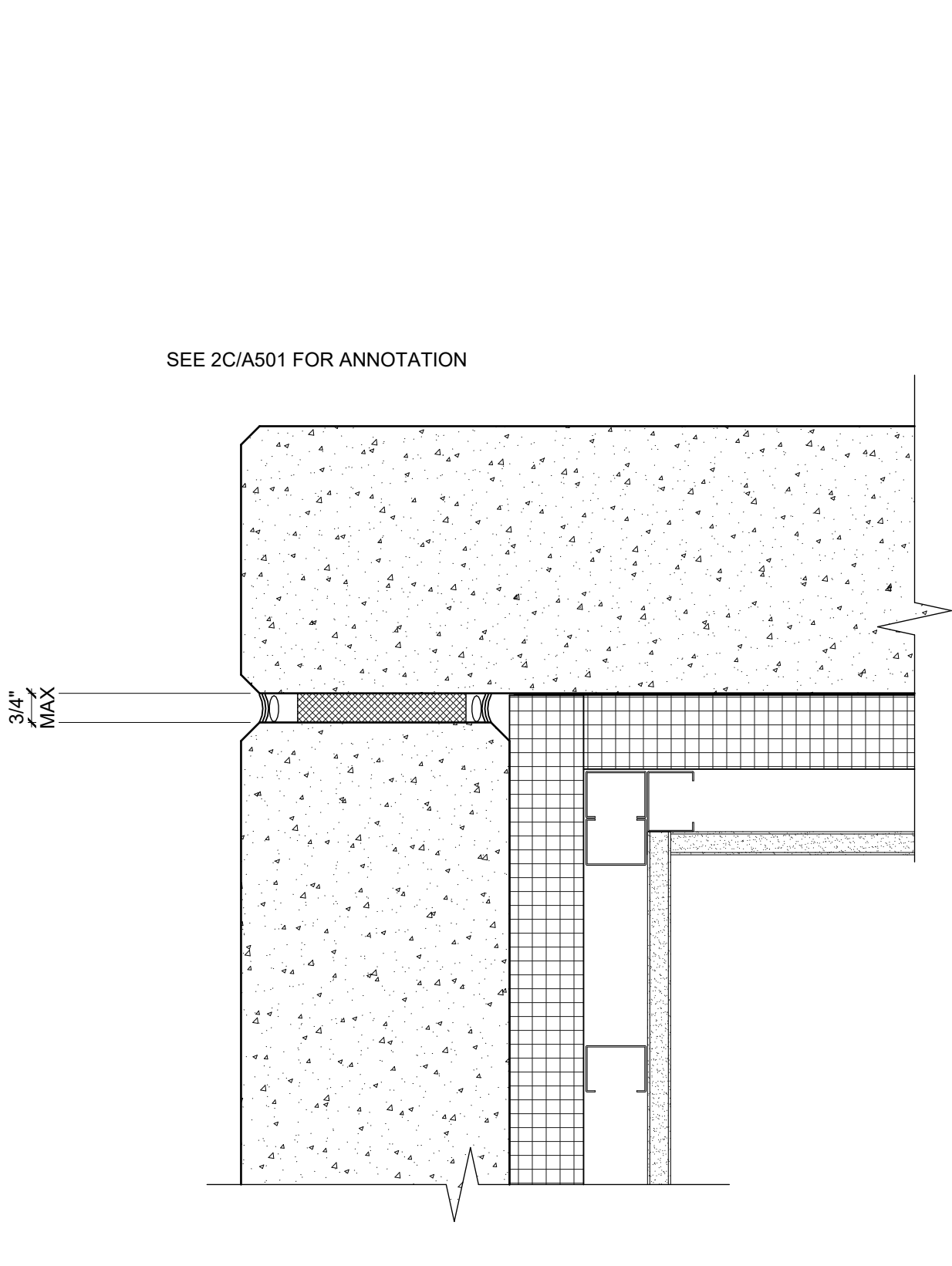
2C TYP. DETAIL @ TILT PANEL JOINTS
A-A501 6" = 1'-0"



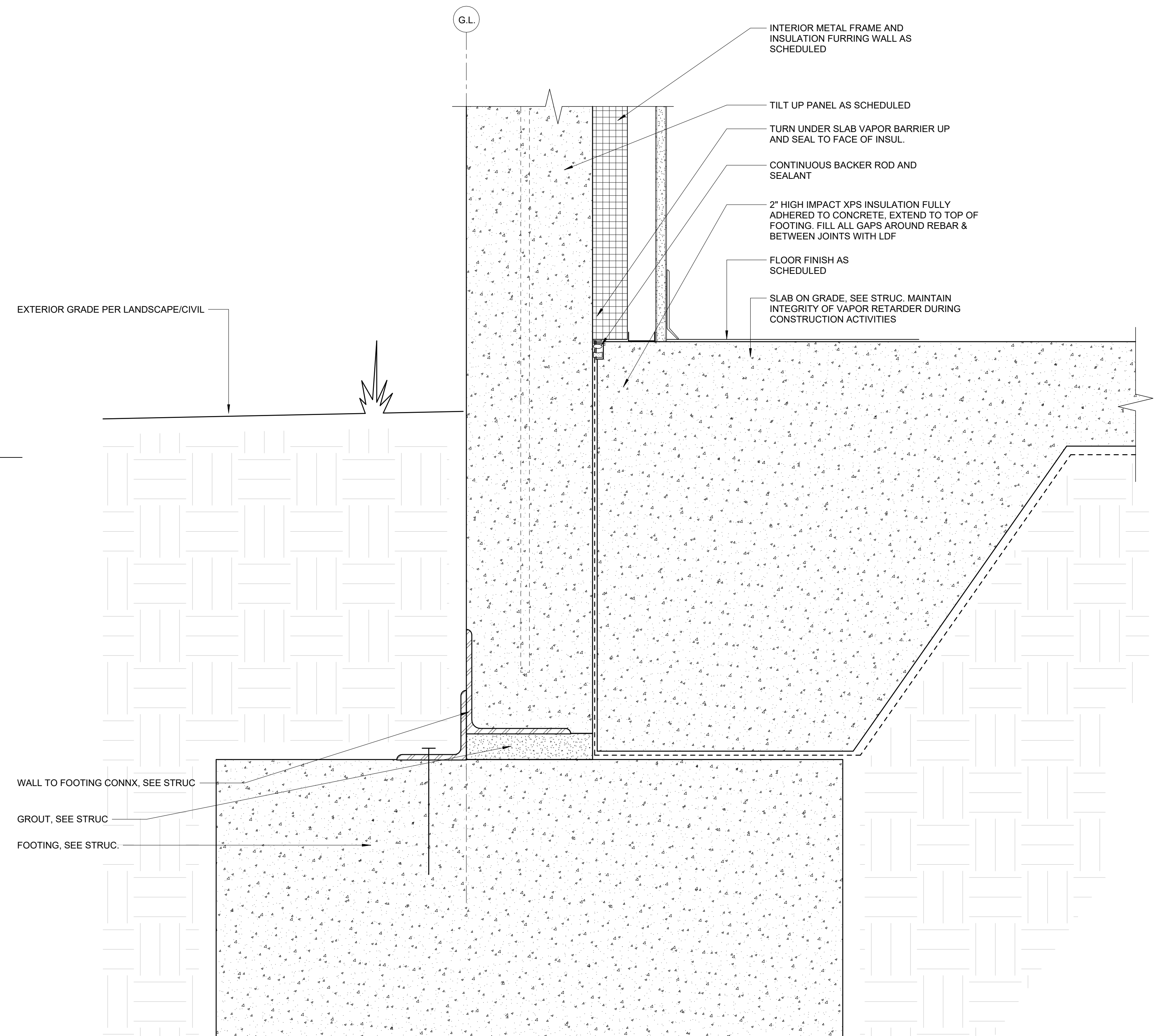
1B CONC. PANEL 3" REVEAL
A-A501 3" = 1'-0"



2A TYP. DETAIL @ TILT PANEL INSIDE CORNER
A-A501 3" = 1'-0"

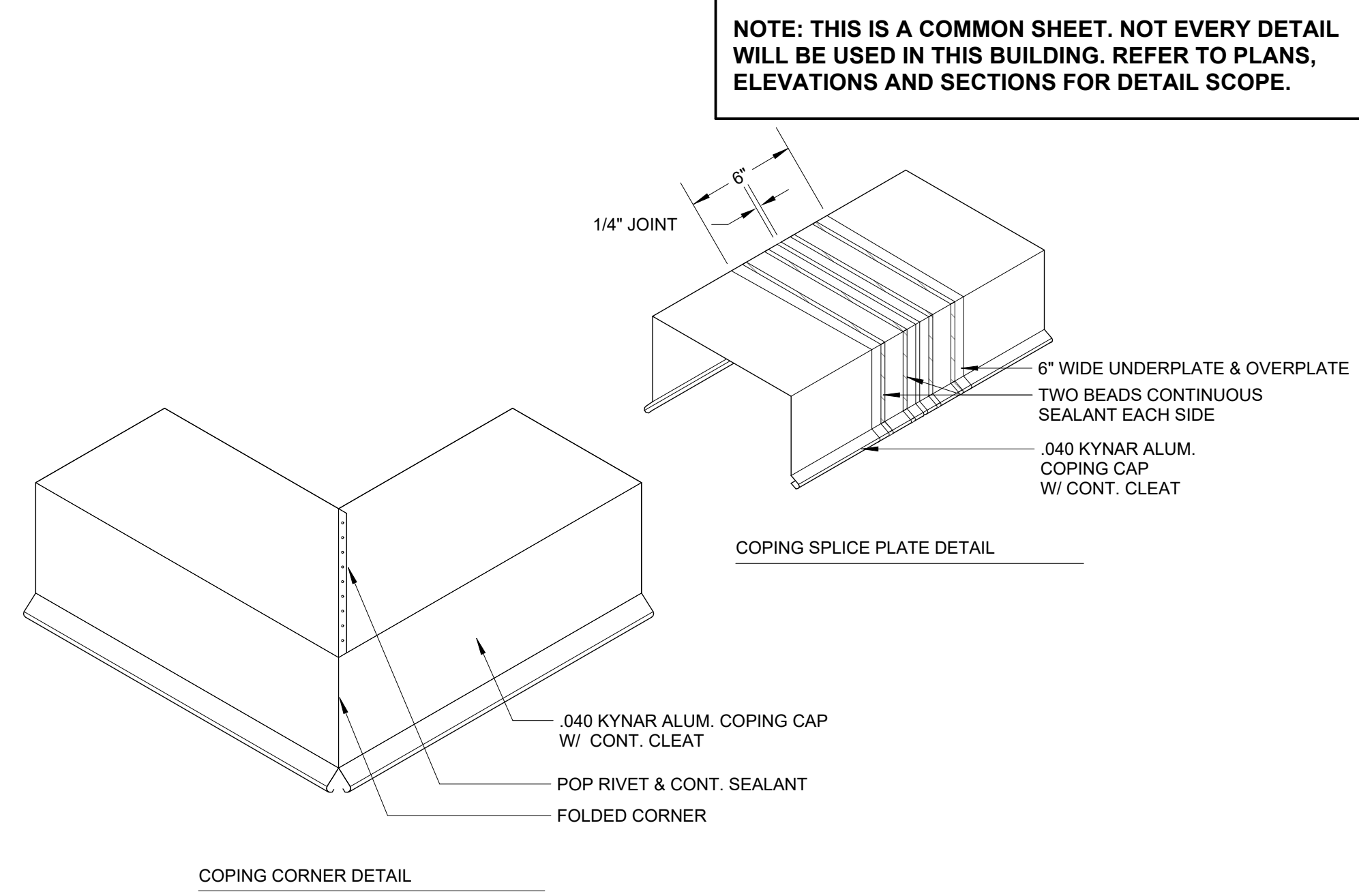
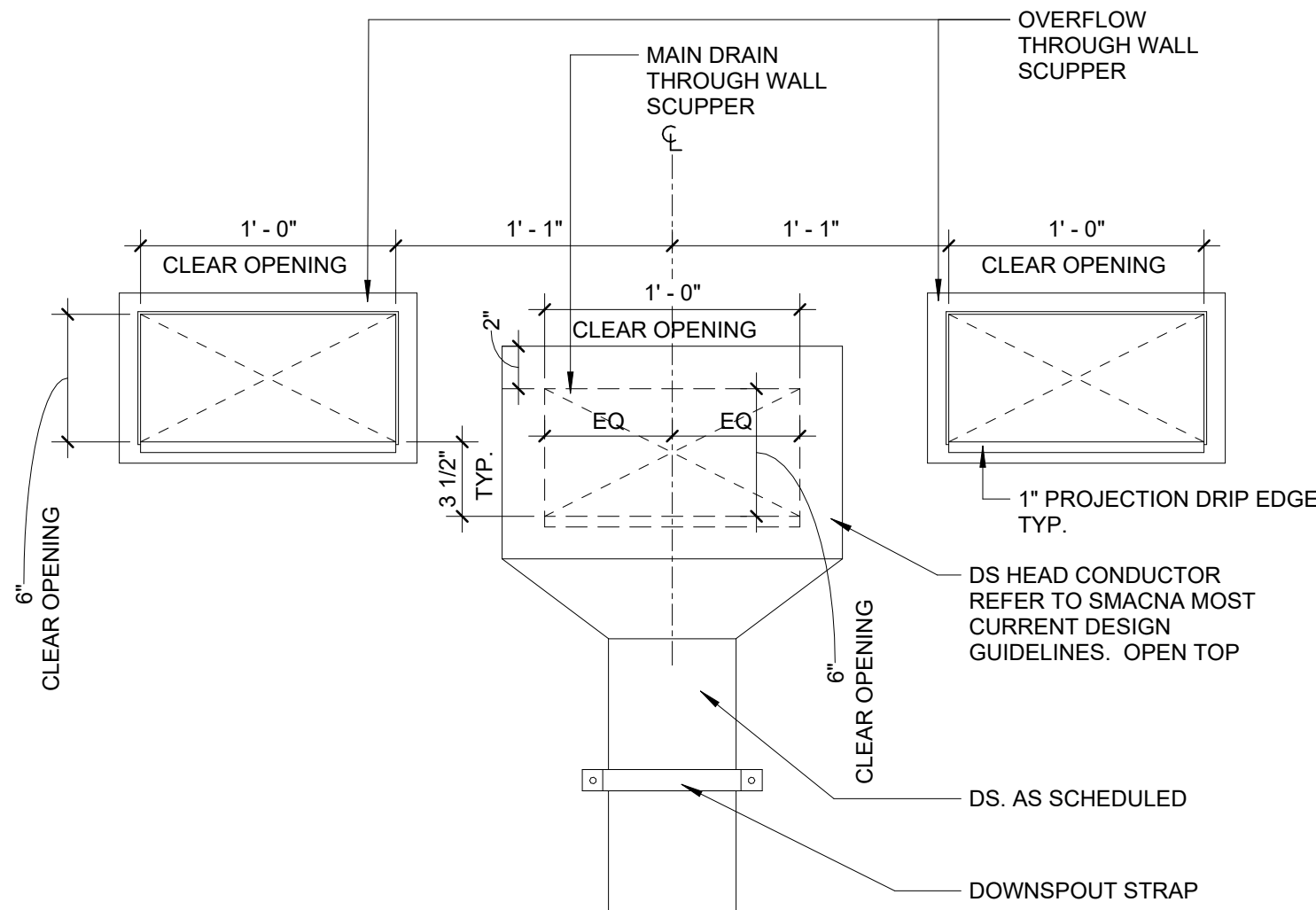
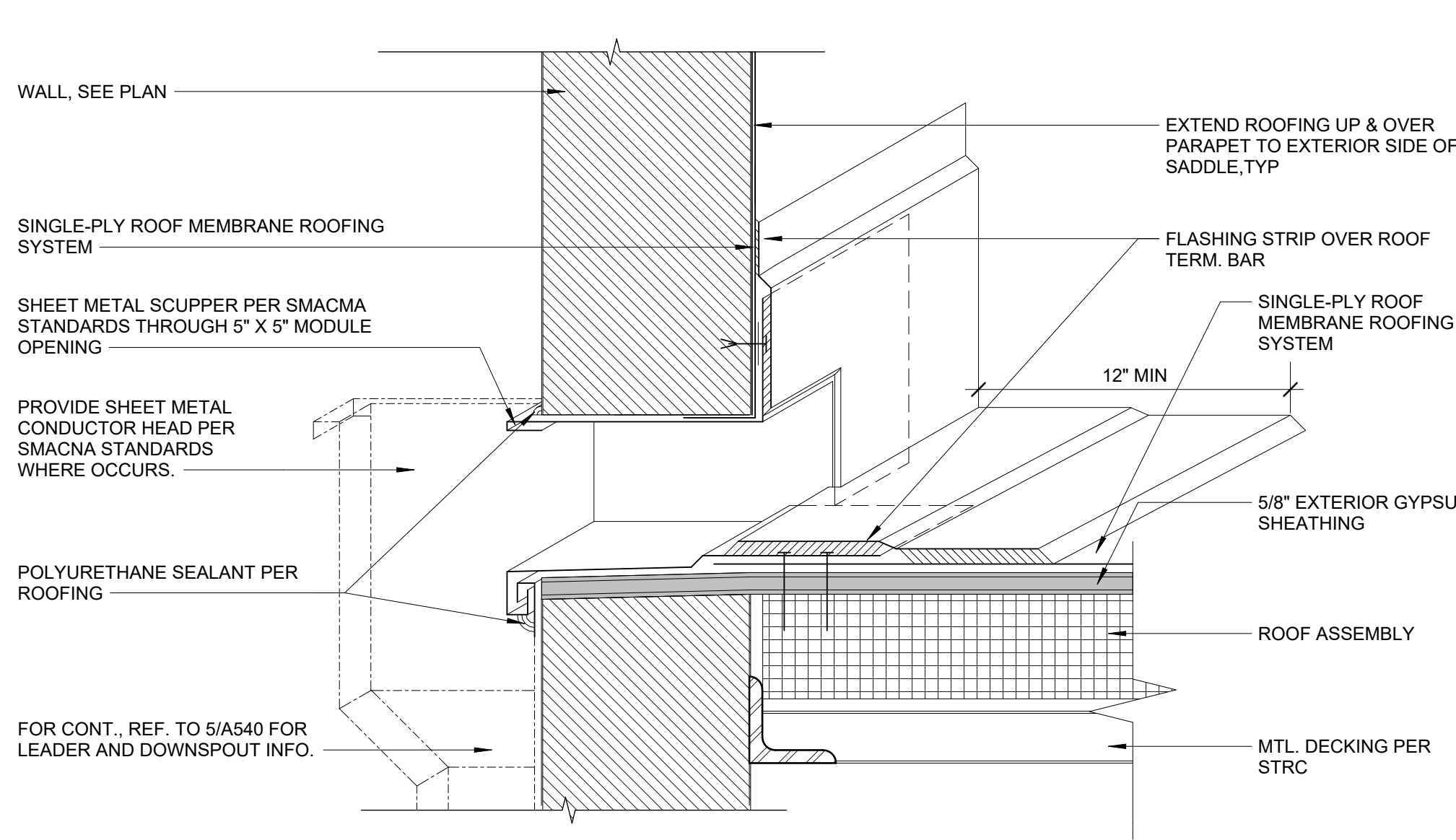
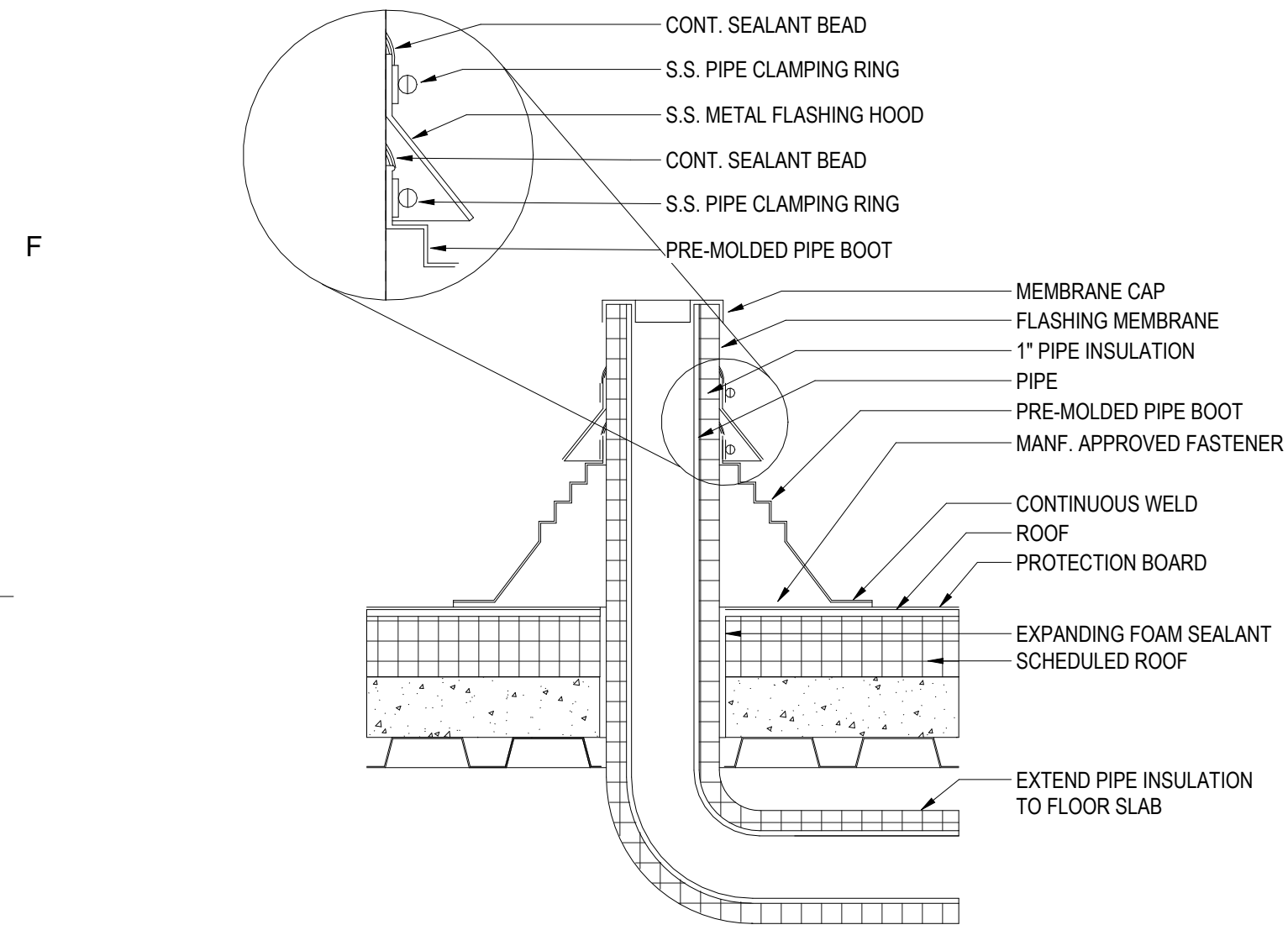


3A TYP. DETAIL @ TILT PANEL OUTSIDE CORNER
A-A501 3" = 1'-0"



5A FLOOR SLAB TO WALL PANEL
A-A501 3" = 1'-0"

NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

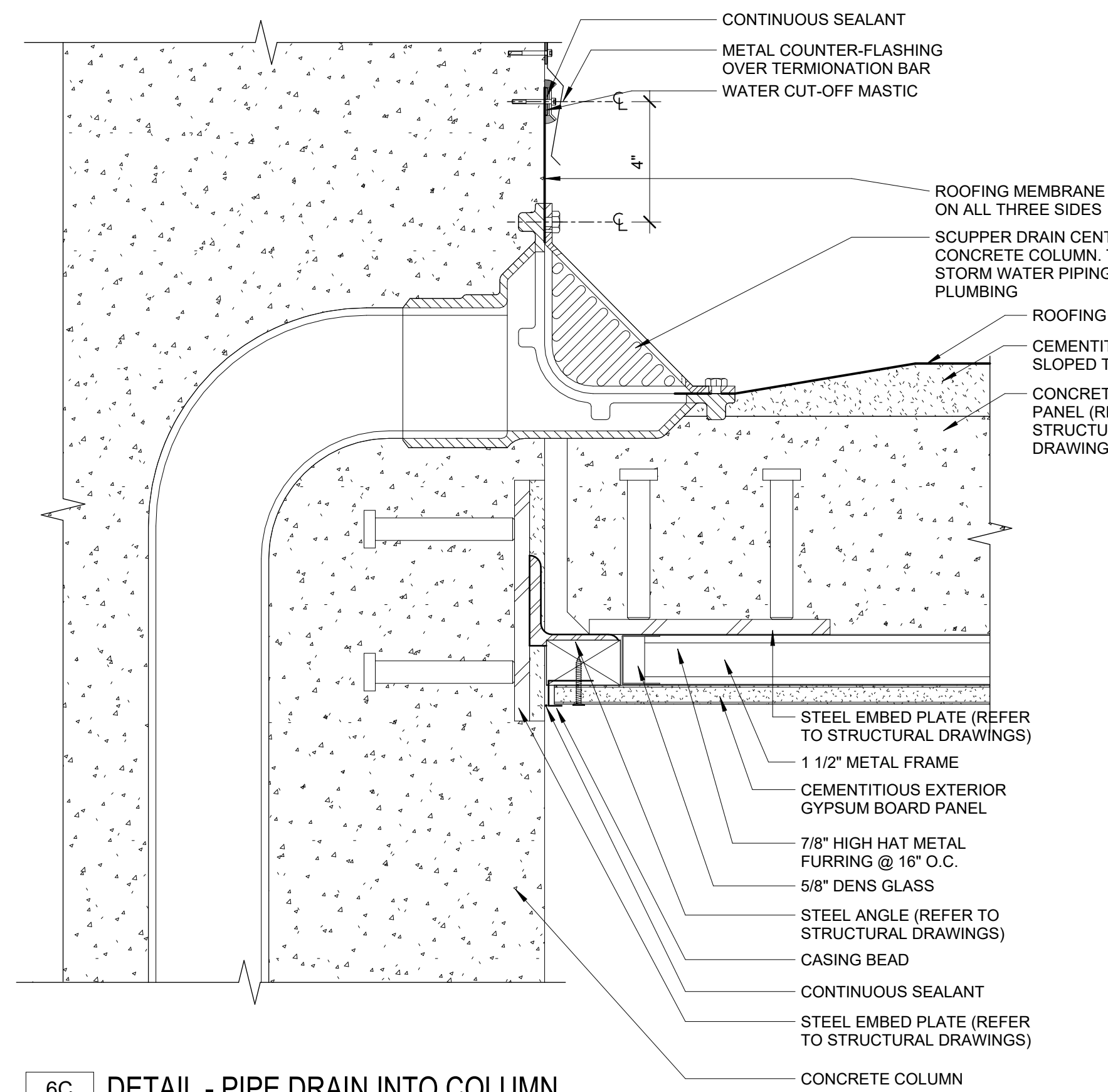
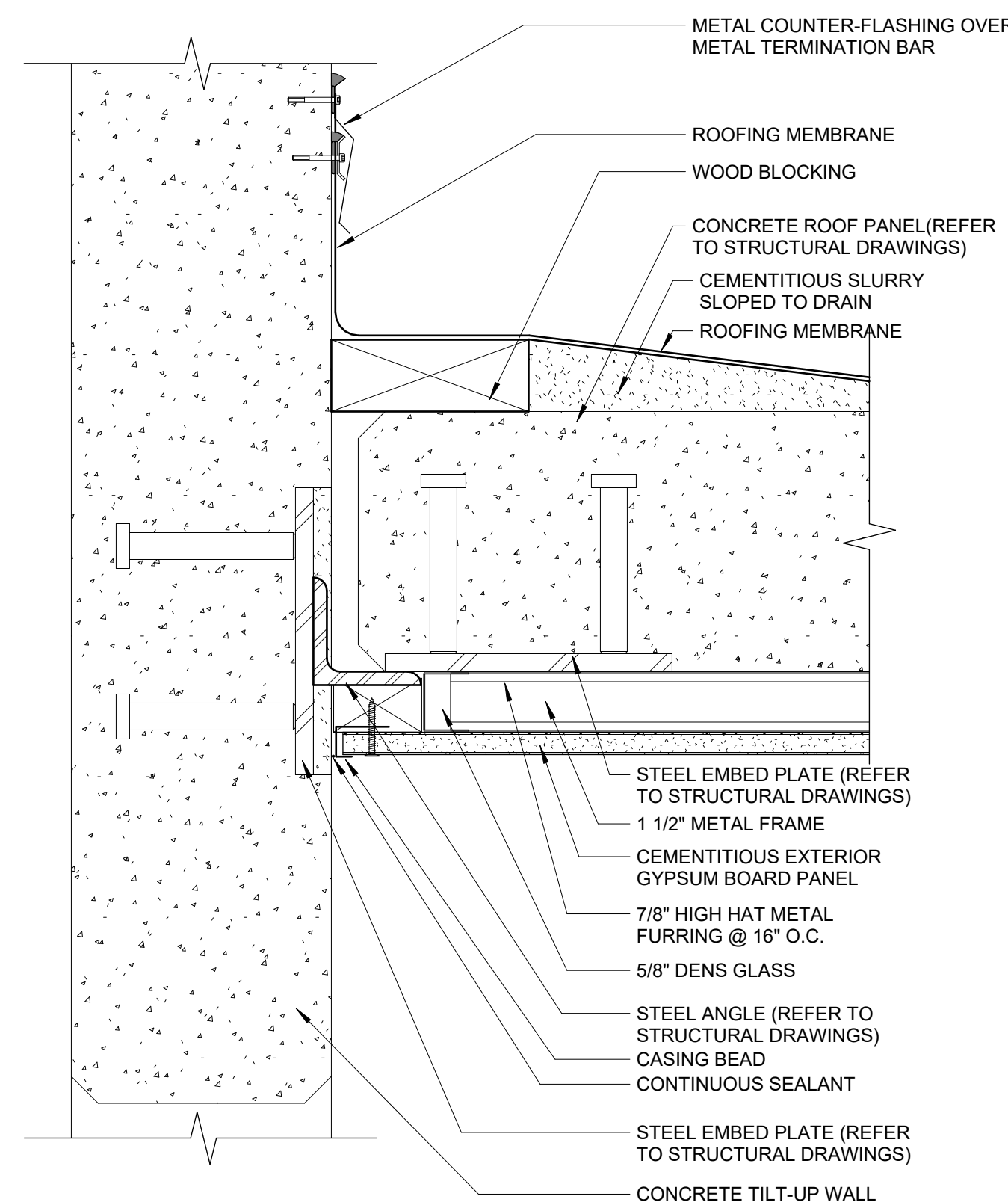
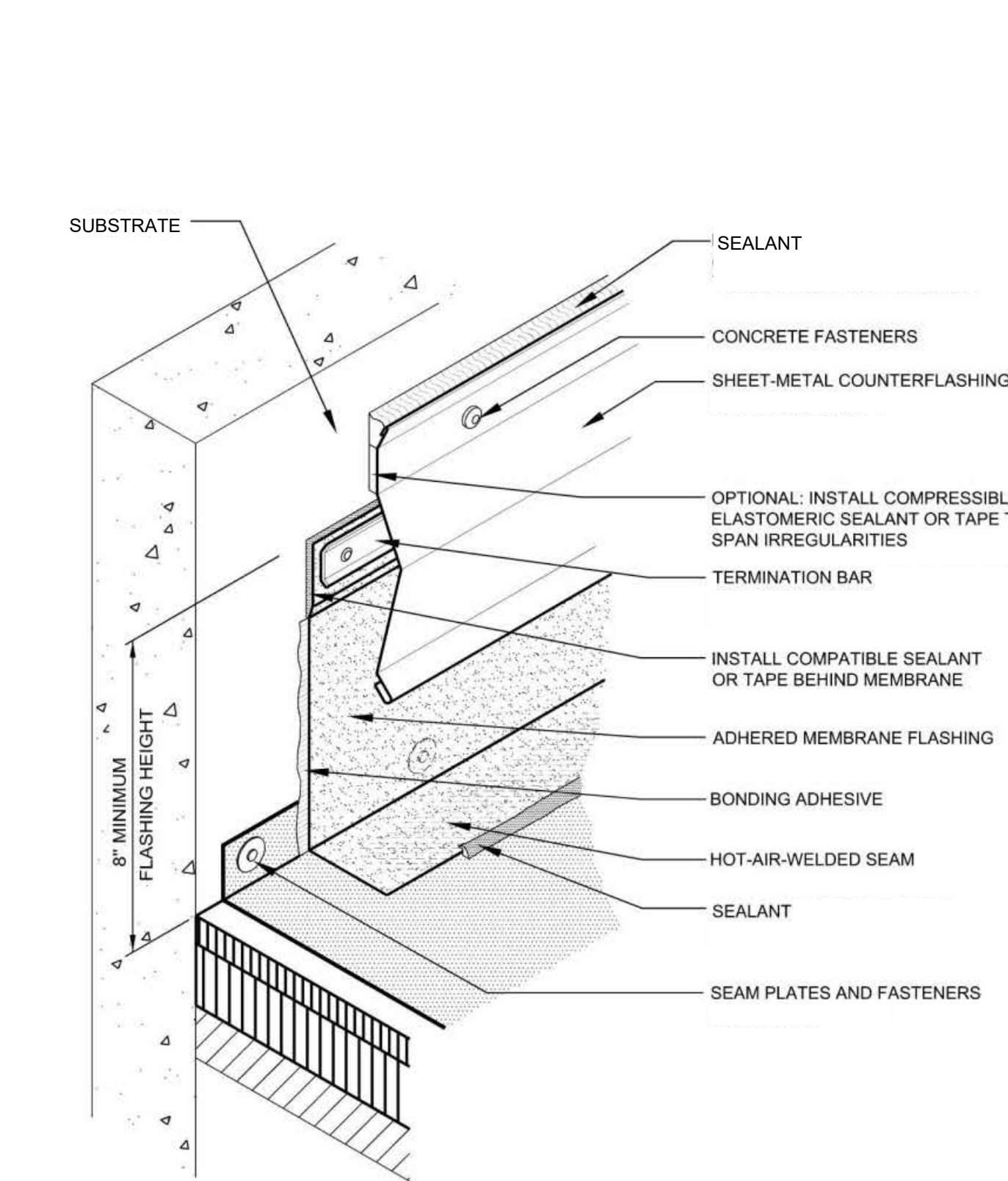
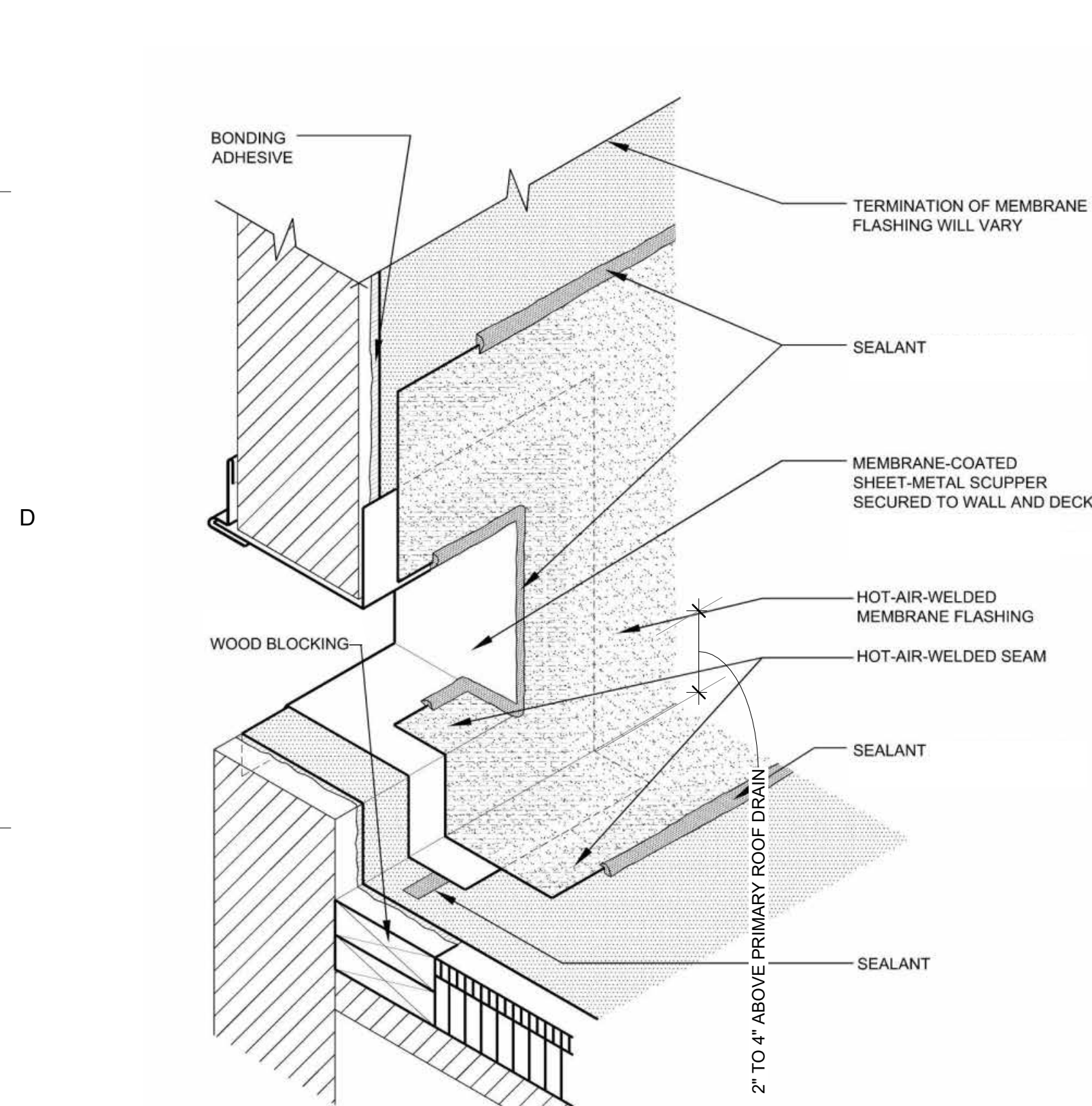


1E TYP. PENETRATION THROUGH ROOF
A-A512 12\"/>

2E TYP SCUPPER THROUGH WALL DETAIL
A-A512 3\"/>

4E SCUPPER AND CONDUCTOR HEAD ELEVATION
A-A512 1 1/2\"/>

6E ROOF DETAIL - TYP. COPING CAP
A-A512 3\"/>

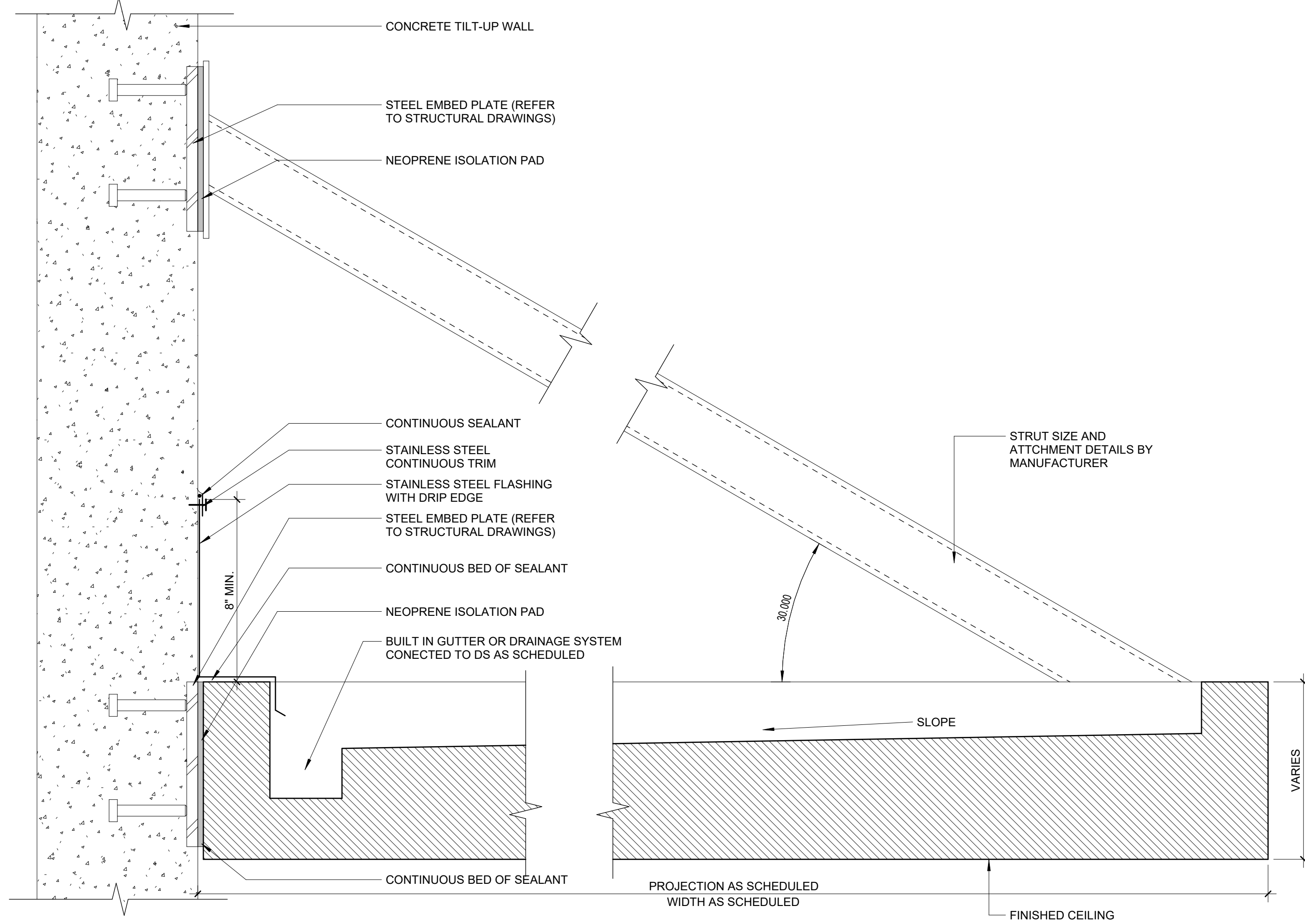
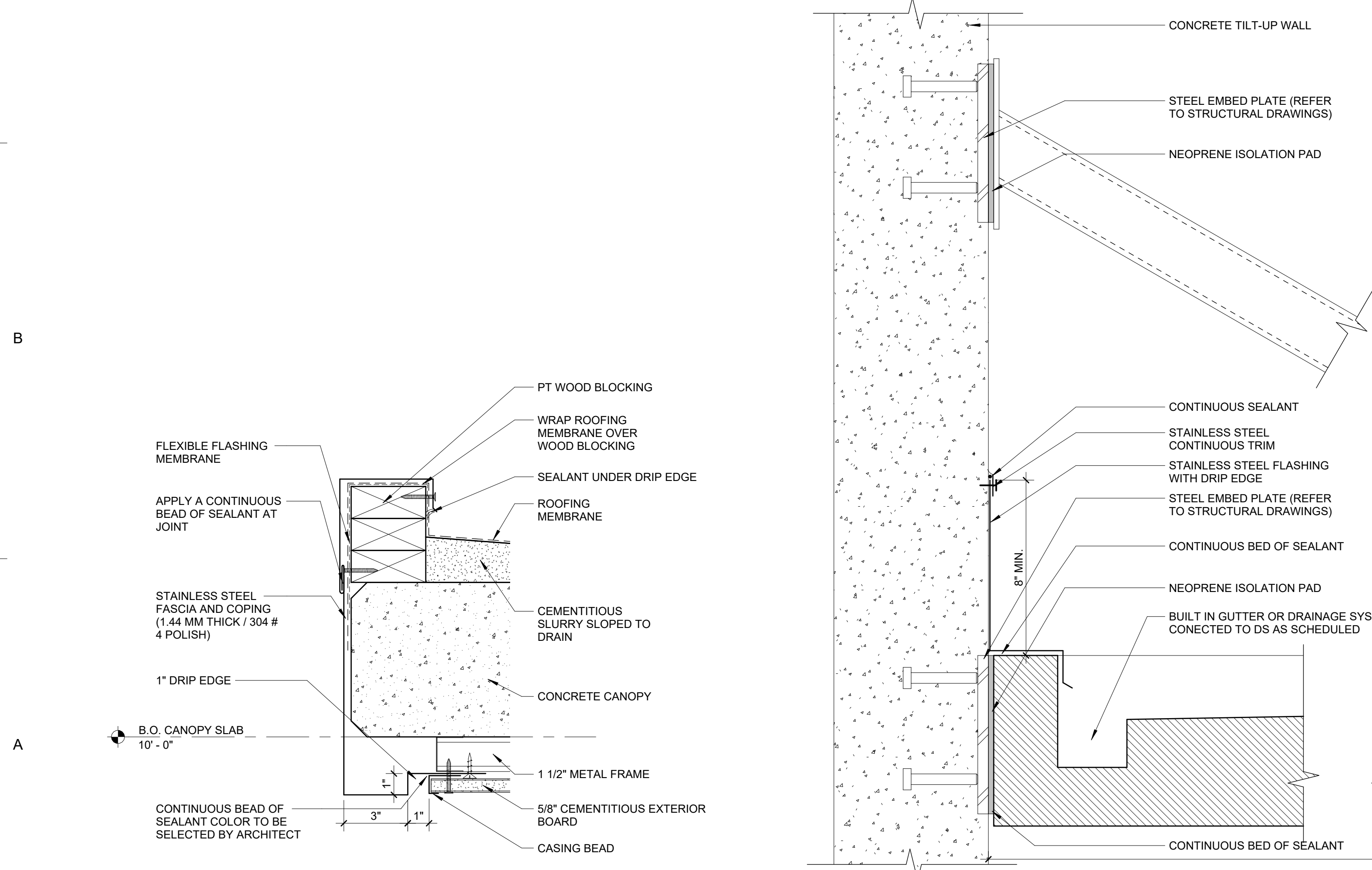


1C BASE FLASHING AT OVERFLOW SCUPPER
A-A512 1\"/>

2C TERMINATION BAR DETAIL
A-A512 1\"/>

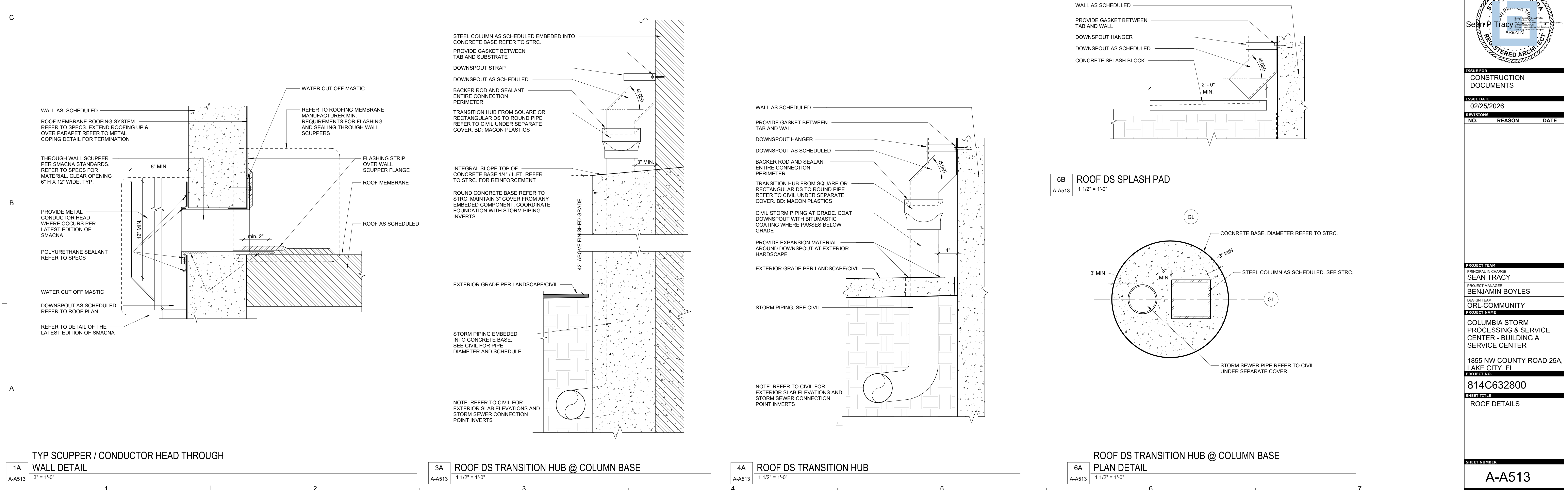
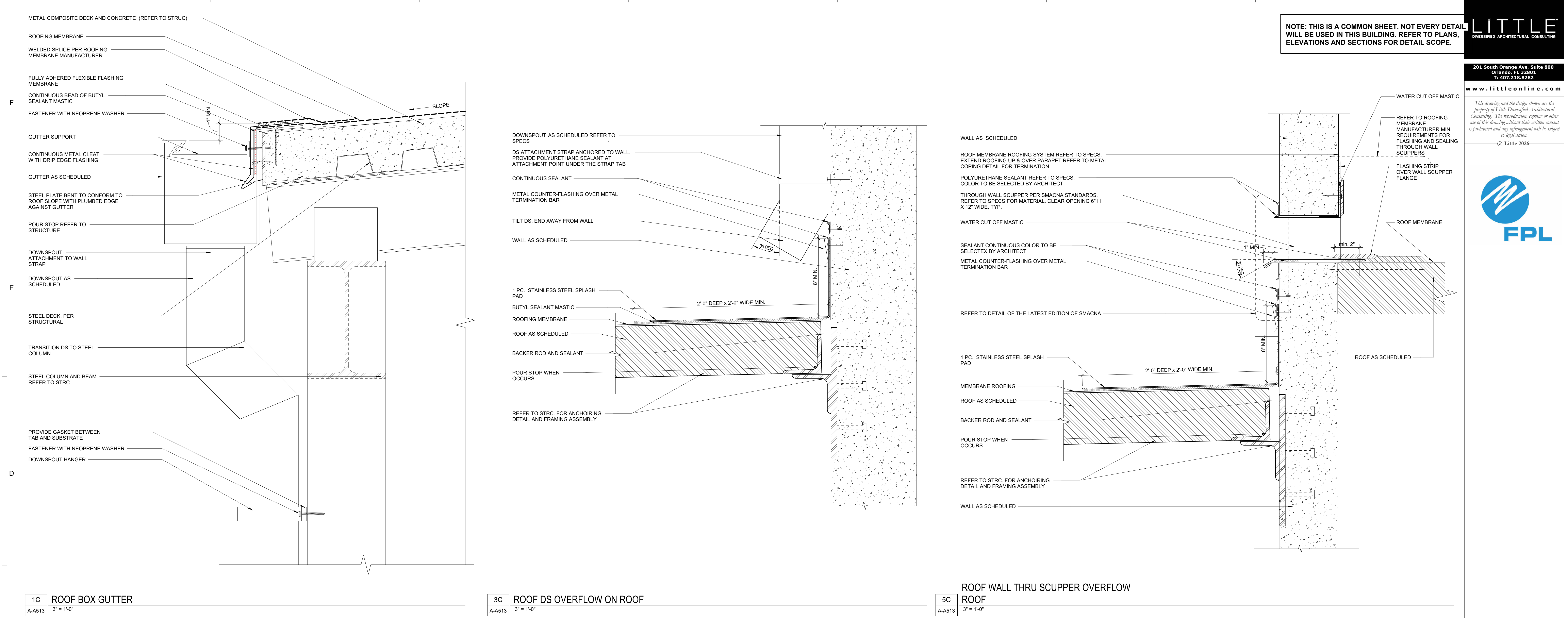
4C DETAIL - CONCRETE TILT WALL CANOPY
A-A512 3\"/>

6C DETAIL - PIPE DRAIN INTO COLUMN
A-A512 3\"/>

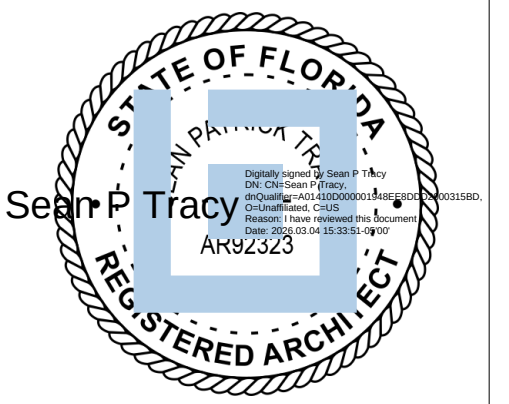


1A DETAIL - CONCRETE CANOPY FASCIA
A-A512 3\"/>

2A DETAIL - ALUMINUM CANOPY TYP DETAIL
A-A512 3\"/>



NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.



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DESIGN TEAM
ORL COMMUNITY
PROJECT NAME

COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER

1855 NW COUNTY ROAD 25A, LAKE CITY, FL

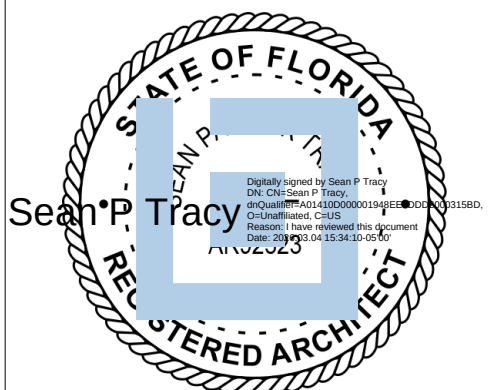
814C632800

SHEET TITLE
ROOF DETAILS

SHEET NUMBER

A-A513

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SERVICE CENTER

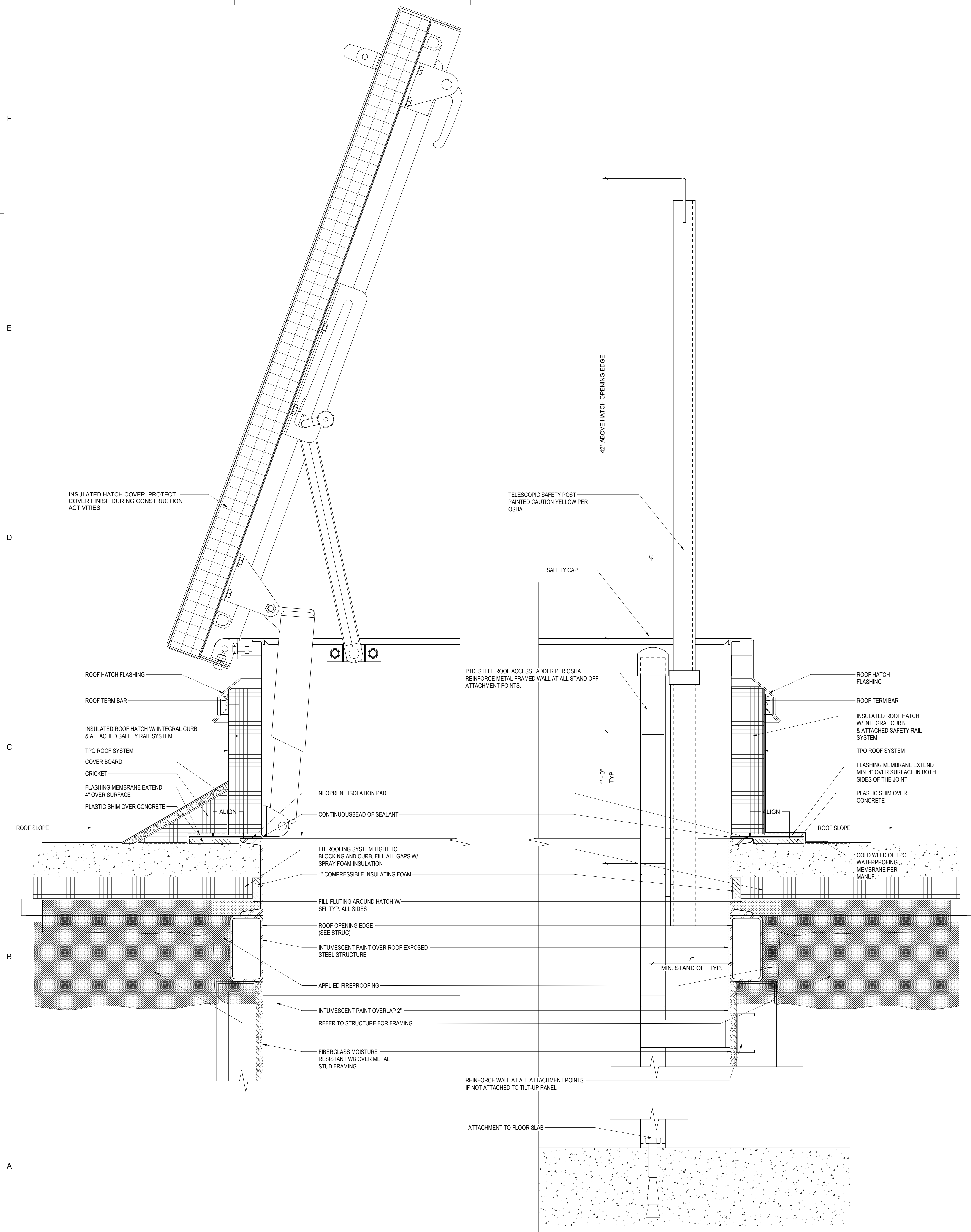
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE
ROOF DETAILS

SHEET NUMBER

A-A514



1A SECTION DTL @ ROOF HATCH
3" = 1'-0"

F

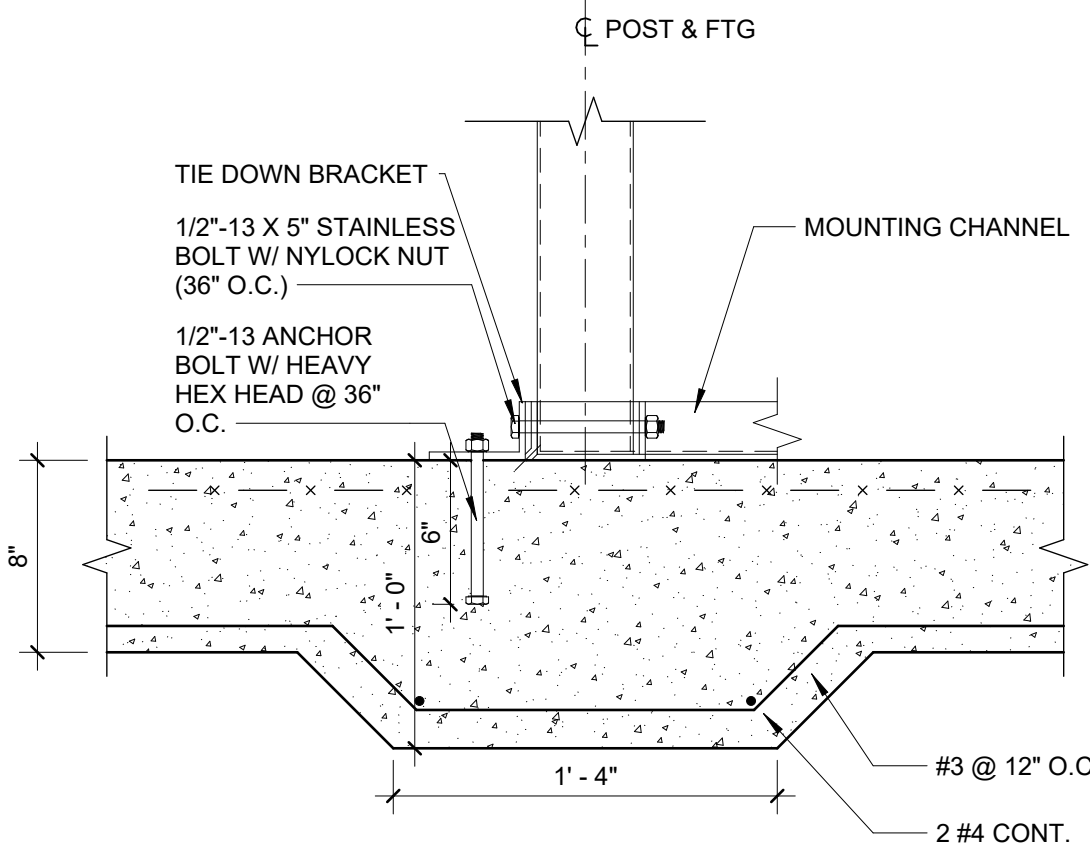
E

D

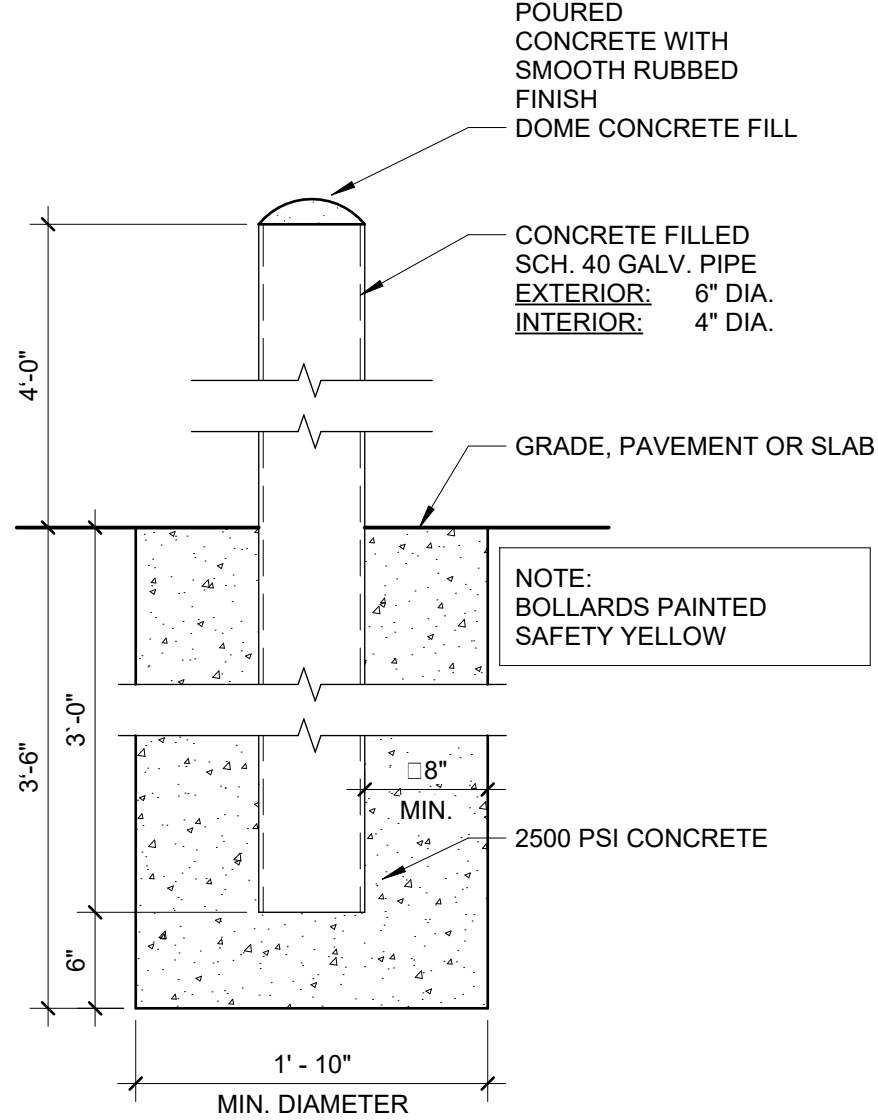
C

B

A



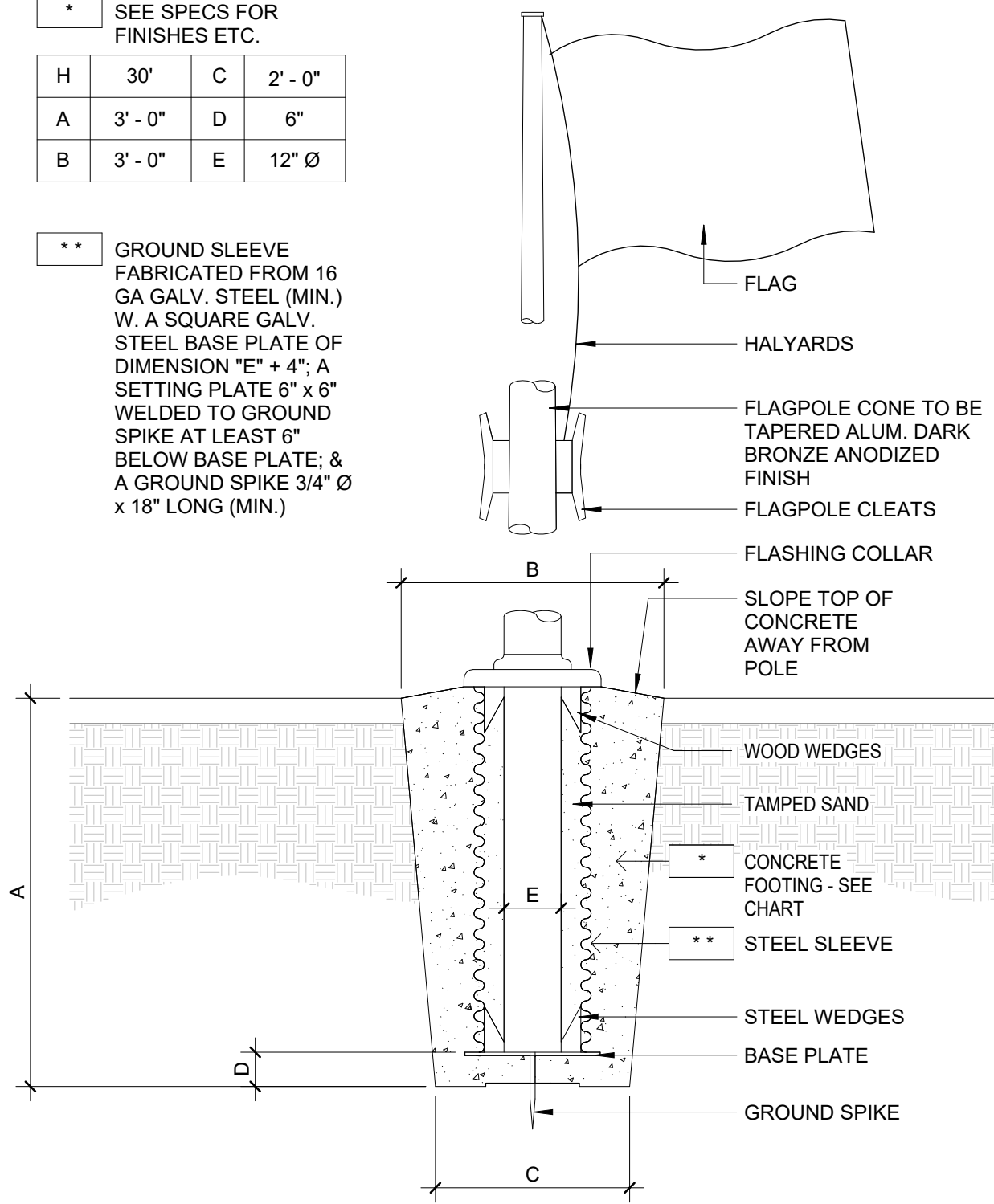
9 GENERATOR ATTACHMENT DETAIL
A-A521 1 1/2" = 1'-0"



10 CONCRETE-FILLED STEEL BOLLARD
A-A521 1" = 1'-0"

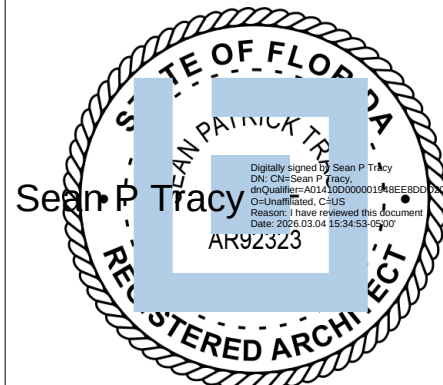
* SEE SPECS FOR FINISHES ETC.			
H	30"	C	2' - 0"
A	3' - 0"	D	6"
B	3' - 0"	E	12" Ø

** GROUND SLEEVE FABRICATED FROM 16 GA GALV. STEEL (MIN.) W/ A SQUARE GALV. STEEL BASE PLATE OF DIMENSION "E" x 4"; A SETTING PLATE 6" x 6" WELDED TO GROUND SPIKE AT LEAST 6" BELOW BASE PLATE; & A GROUND SPIKE 3/4" Ø x 18" LONG (MIN.)



11 FLAG POLE DETAIL
A-A521 1/2" = 1'-0"

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DESIGN TEAM ORL-COMMUNITY		
PROJECT NAME COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER		
1855 NW COUNTY ROAD 25A, LAKE CITY, FL		
PROJECT NO. 814C632800		
SHEET TITLE SITE DETAILS		
SHEET NUMBER A-A521		

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SIGNAGE NOTES

1. CHARACTERS & SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUNDS. EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
2. ALL MECHANICAL ATTACHMENTS TO BE CONCEALED.
3. IF THE ACTIVE LEAF OF THE DOOR SWINGS OUT INTO THE CLEAR AREA REQUIRED IN FRONT OF THE SIGN, PROVIDE A 90 DEGREE MAXIMUM INHIBITOR TYPE CLOSER.
4. LOCATE SIGN OUTSIDE OF DOOR ENTERING ROOM ADJACENT TO THE LATCH SIDE OF THE DOOR PER PLAN.
5. FINAL VERBIAGE OF SIGNAGE TO BE APPROVED BY TENANT EXCEPT WHERE DICTATED BY CODES OR GUIDELINES.
6. ALL SIGNAGE SHALL MEET OR EXCEED FLORIDA ACCESSIBILITY CODE SECTIONS 216 AND 703 GUIDELINES.
7. FDC SIGNAGE TO BE PLACED AT ALL FIRE DEPARTMENT CONNECTIONS.
8. CONTRACTOR TO VERIFY FINAL QUANTITY AND LOCATION OF SIGNAGE AS REQUIRED BY TENANT'S PROGRAM REQUIREMENTS.
9. FINAL GRAPHICS FOR EVACUATION MAP SIGNAGE TO BE COORDINATED WITH ARCHITECT AND LIFE SAFETY DRAWINGS
10. CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL ALL CODE REQUIRED SIGNAGE AND/OR LABELING OF SPACES, ROOMS AND DEVICES INCLUDING ITEMS ON SHEET A-700 AND A-601 DOOR SCHEDULE
11. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION ONLY OF FPL NAME PLATE SIGNAGE (ROOM NAME OR SEAT NUMBER) FOR INDIVIDUAL WORKSTATIONS, CONFERENCE ROOMS, OFFICES, MISC. ROOMS, ECT. THAT ARE INCLUDED IN THE SPACE AND MADE PART OF THE PROJECT. THE OWNER WILL PROVIDE THE FPL NAME PLATE SIGNAGE FOR CONTRACTORS INSTALLATION.

BRAILLE NOTES

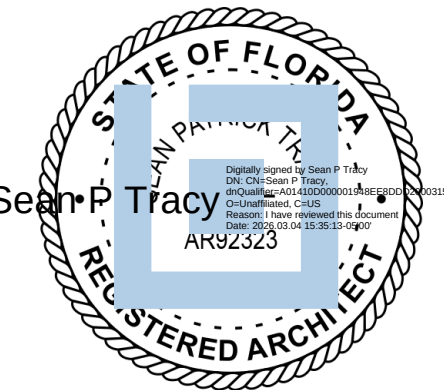
1. CHARACTER TYPE AND SIZE:
CHARACTERS ON SIGNS SHALL BE RAISED 1/32". UPPER CASE. SANS SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE II BRAILLE. RAISE CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NOT HIGHER THAN 2".
2. LITERARY BRAILLE STANDARD DIMENSIONS:
GRADE II BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED. INDIVIDUAL BRAILLE DOTS SHALL EACH BE DISTINCT AND SEPARATE. EACH DOT SHALL BE ROUNDED OR DOMED AND SHALL COMPLY WITH TABLE 703.3.1 FLORIDA ACCESSIBILITY CODE.
3. FINISH AND CONTRAST:
CHARACTERS, SYMBOLS, AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH AND CONTRAST 70% MIN. WITH THEIR BACKGROUNDS.
CHARACTERS, SYMBOLS, & FRAME - 'APCO' COLOR #A02 BLACK
BACKGROUND - 'APCO' COLOR #A89 SILVER
4. PROPORTIONS:
CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 PERCENT OF THE HEIGHT OF THE UPPERCASE LETTER "I" - 703.2.4 (FAC)
5. CONTRACTOR TO SUBMIT A SCHEDULE TO VERIFY ALL PERMANENT NUMBERS AND TEXT PRIOR TO FABRICATION.

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ISSUE FOR
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DOCUMENTS

ISSUE DATE
02/25/2026

REVISIONS

NO. REASON DATE

PLAN CHECK 02/25/26

PROJECT TEAM
PRINCIPAL IN CHARGE
SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

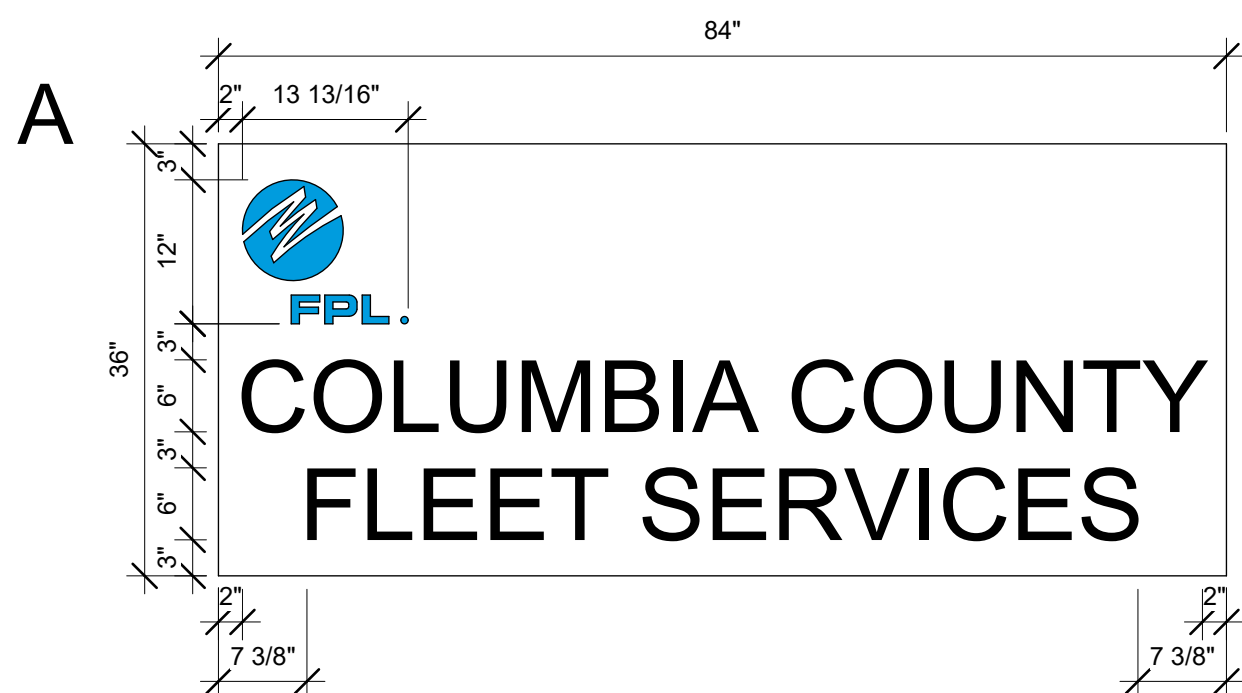
SHEET TITLE
SIGNAGE DETAILS

SHEET NUMBER

A-A601

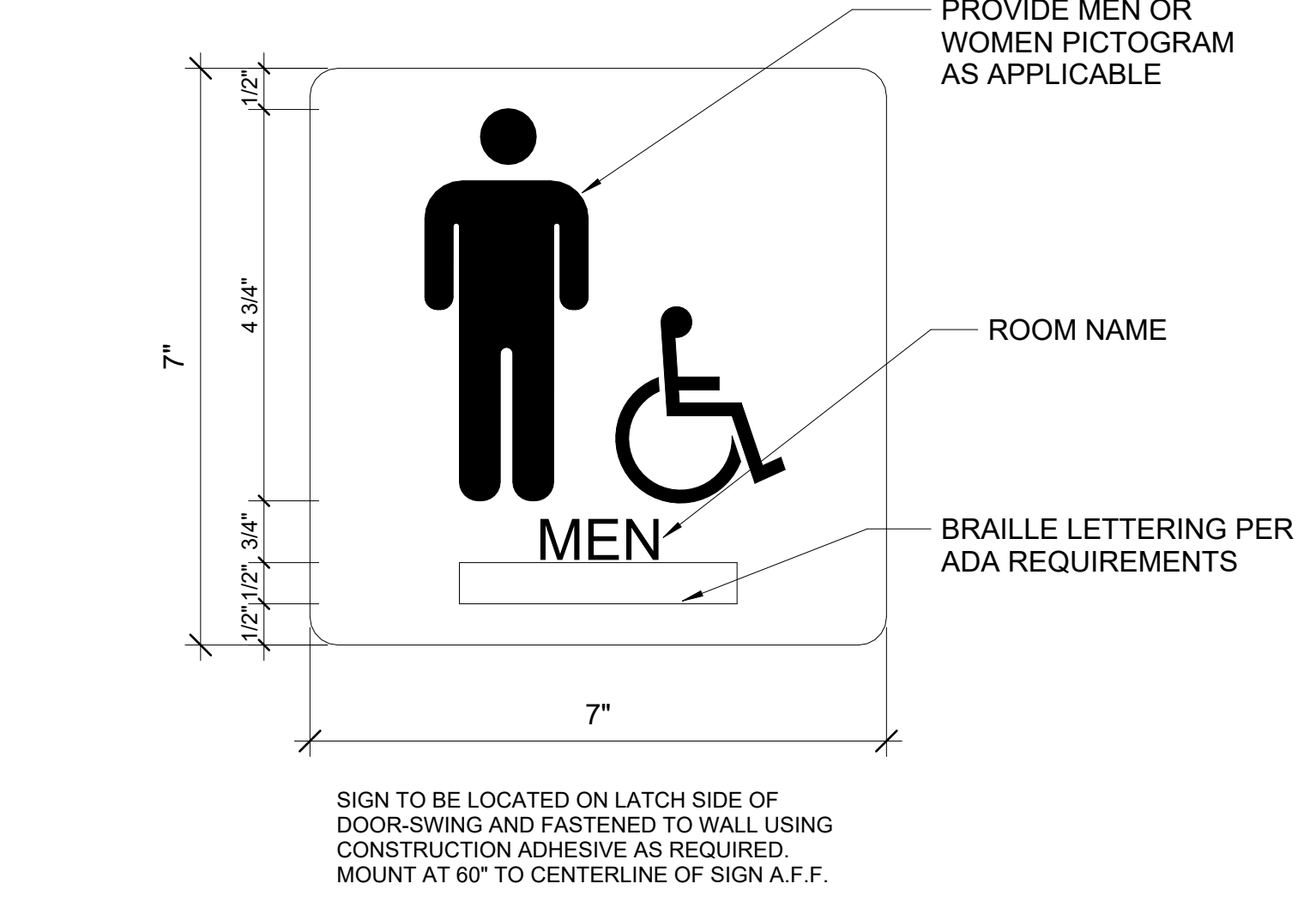
FLUSH MOUNTED

1 ADDRESS NUMBERS MOUNTING DETAIL
A-A601 NOT TO SCALE

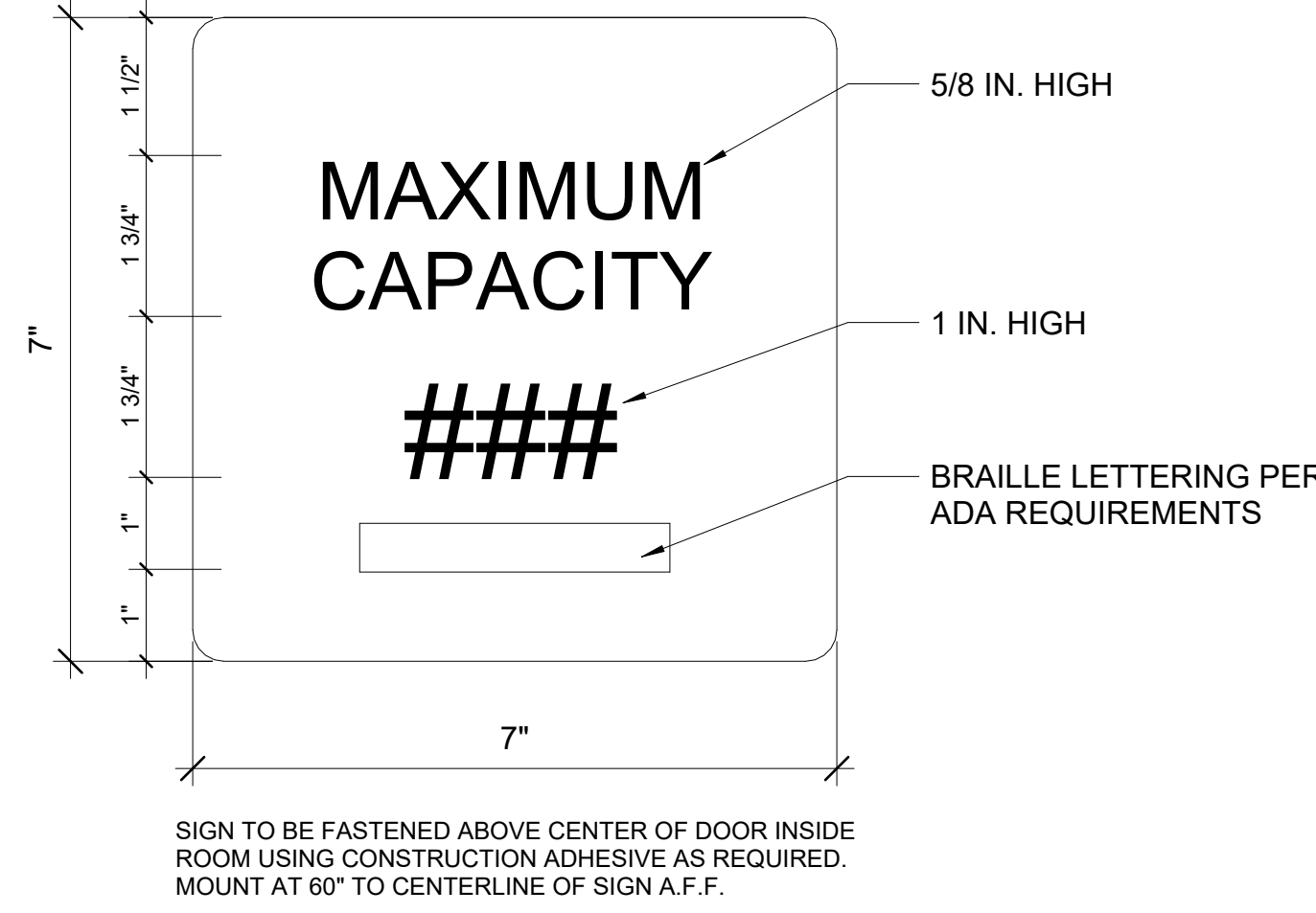


3 BUILDING SIGNAGE TYPE 2X - BUILDING DESIGNATION
A-A601 3/4" = 1'-0"

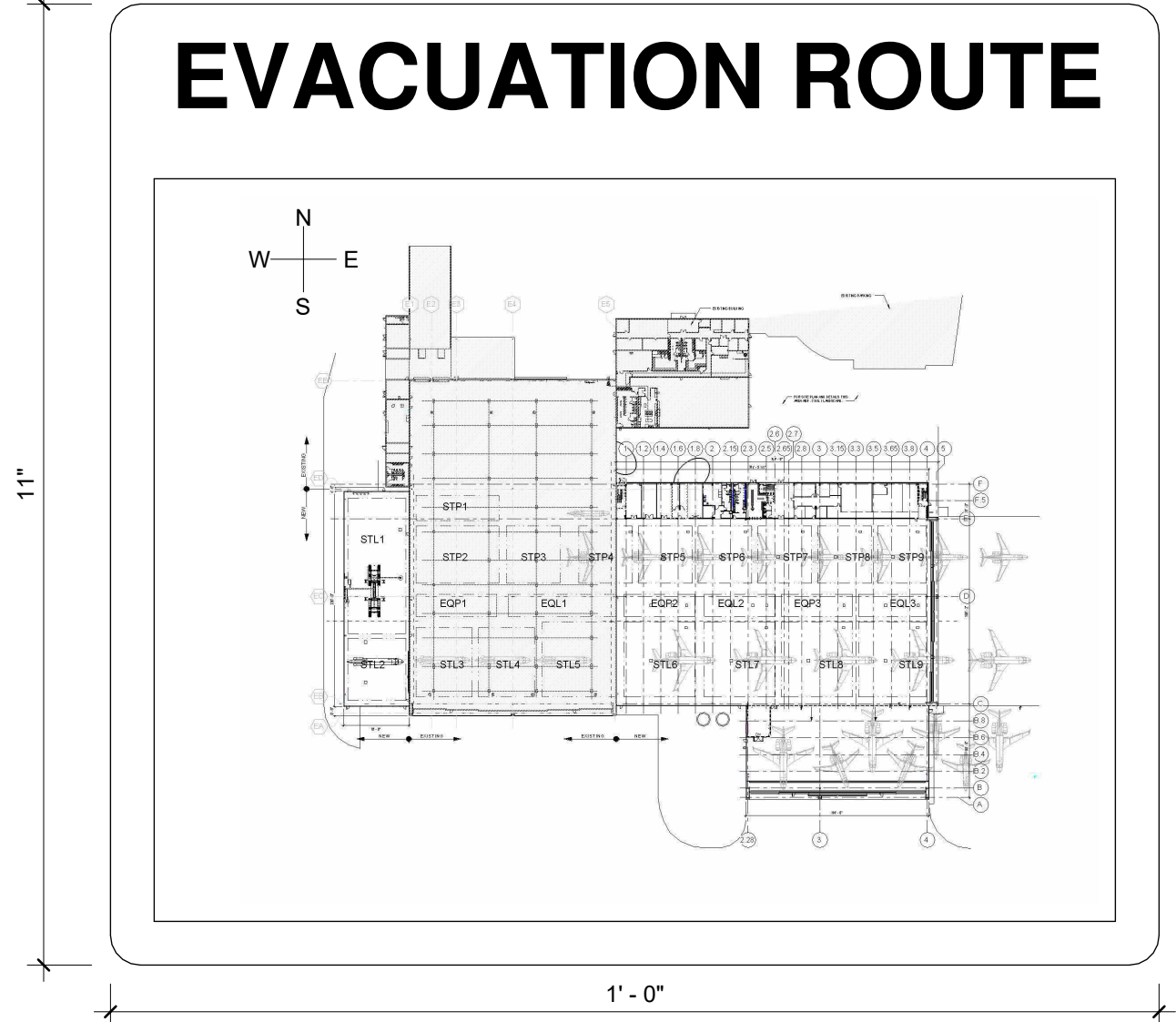
4 SIGNAGE PLACEMENT
A-A601 NOT TO SCALE



6 DOOR SIGNAGE TYPE B - RESTROOM DOOR
A-A601 NOT TO SCALE

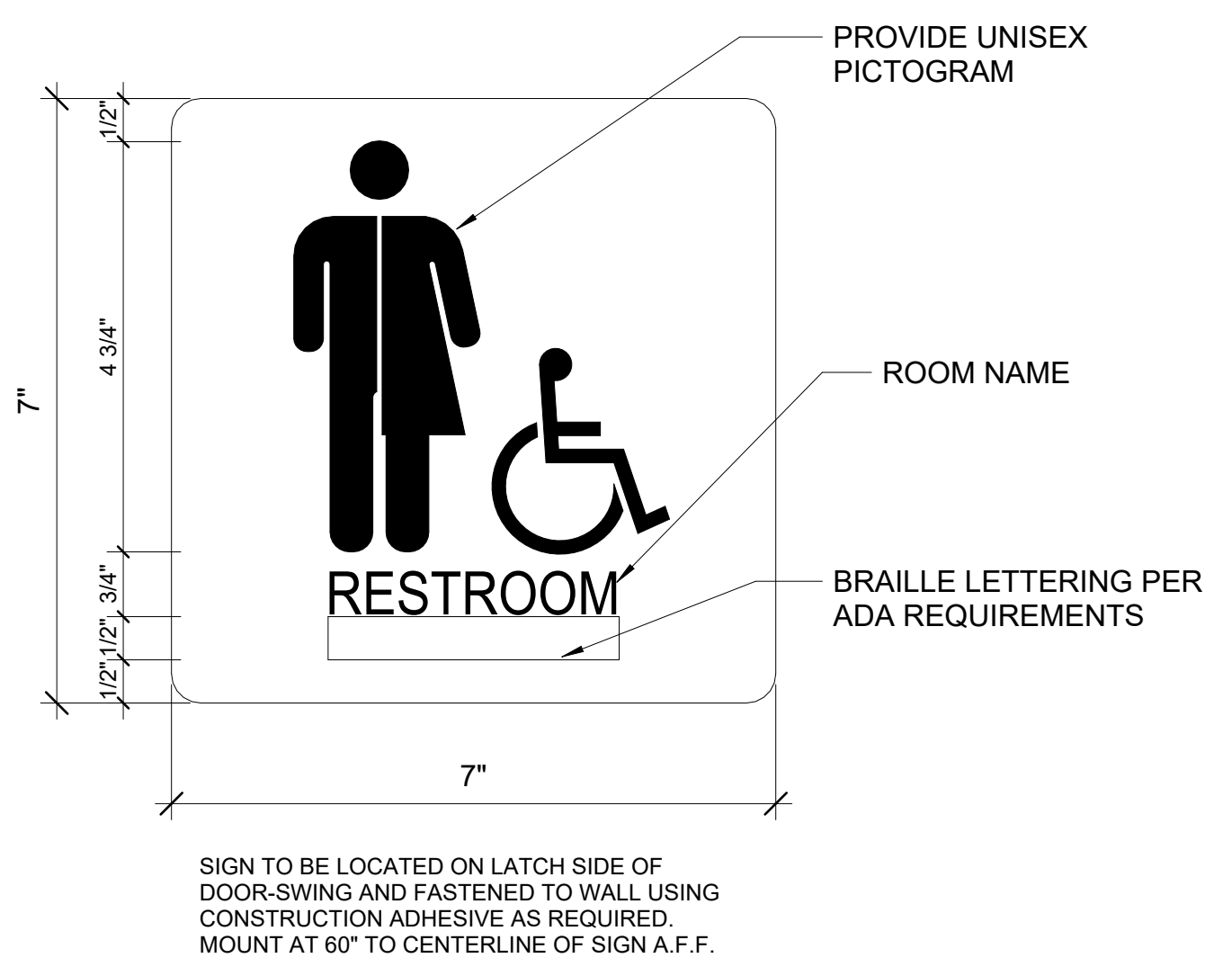


8 DOOR SIGNAGE TYPE D - MAX. OCCUPANCY
A-A601 NOT TO SCALE

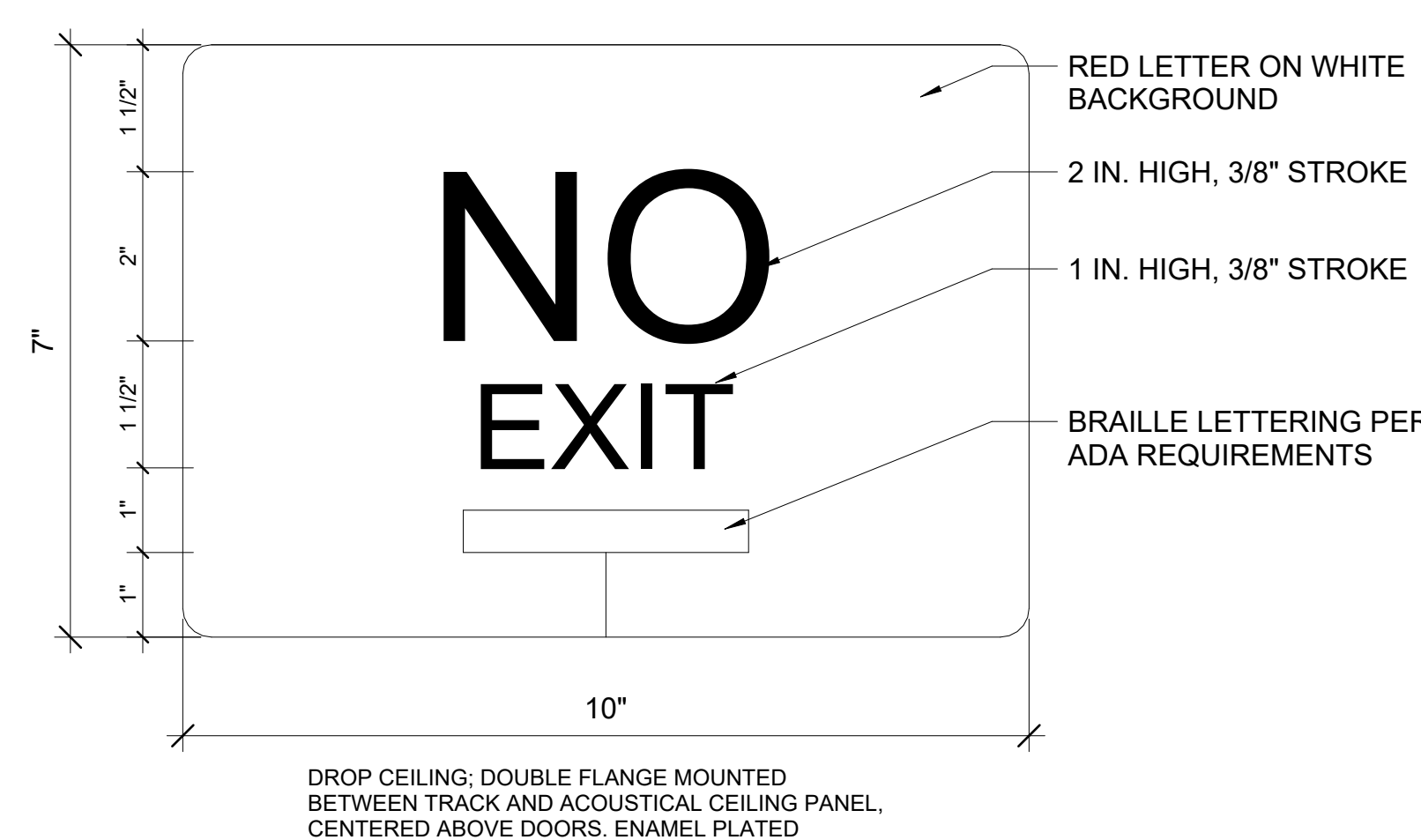


10 DOOR SIGNAGE TYPE F - EVACUATION ROUTE
A-A601 NOT TO SCALE

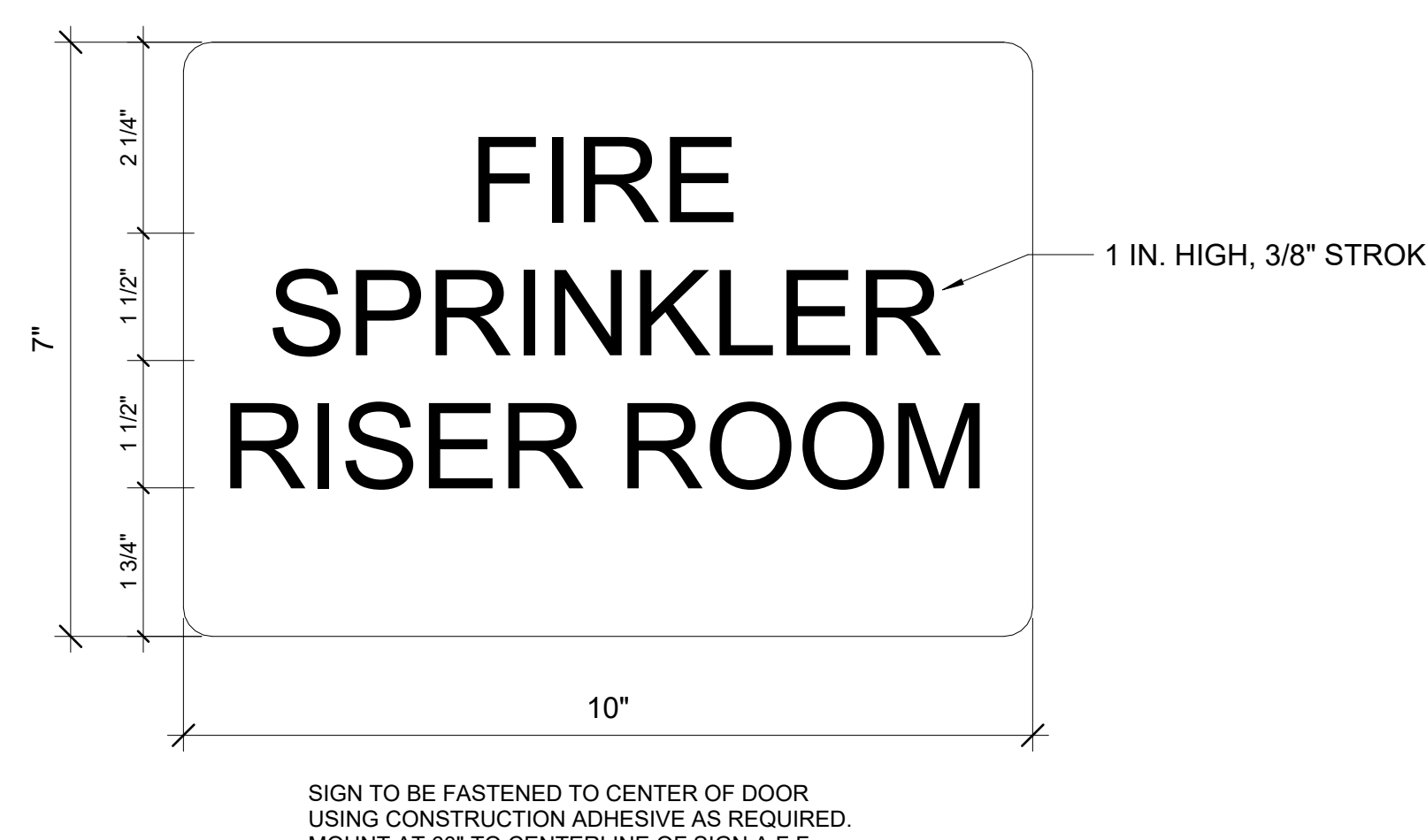
5 DOOR SIGNAGE TYPE A - TYP.
A-A601 NOT TO SCALE



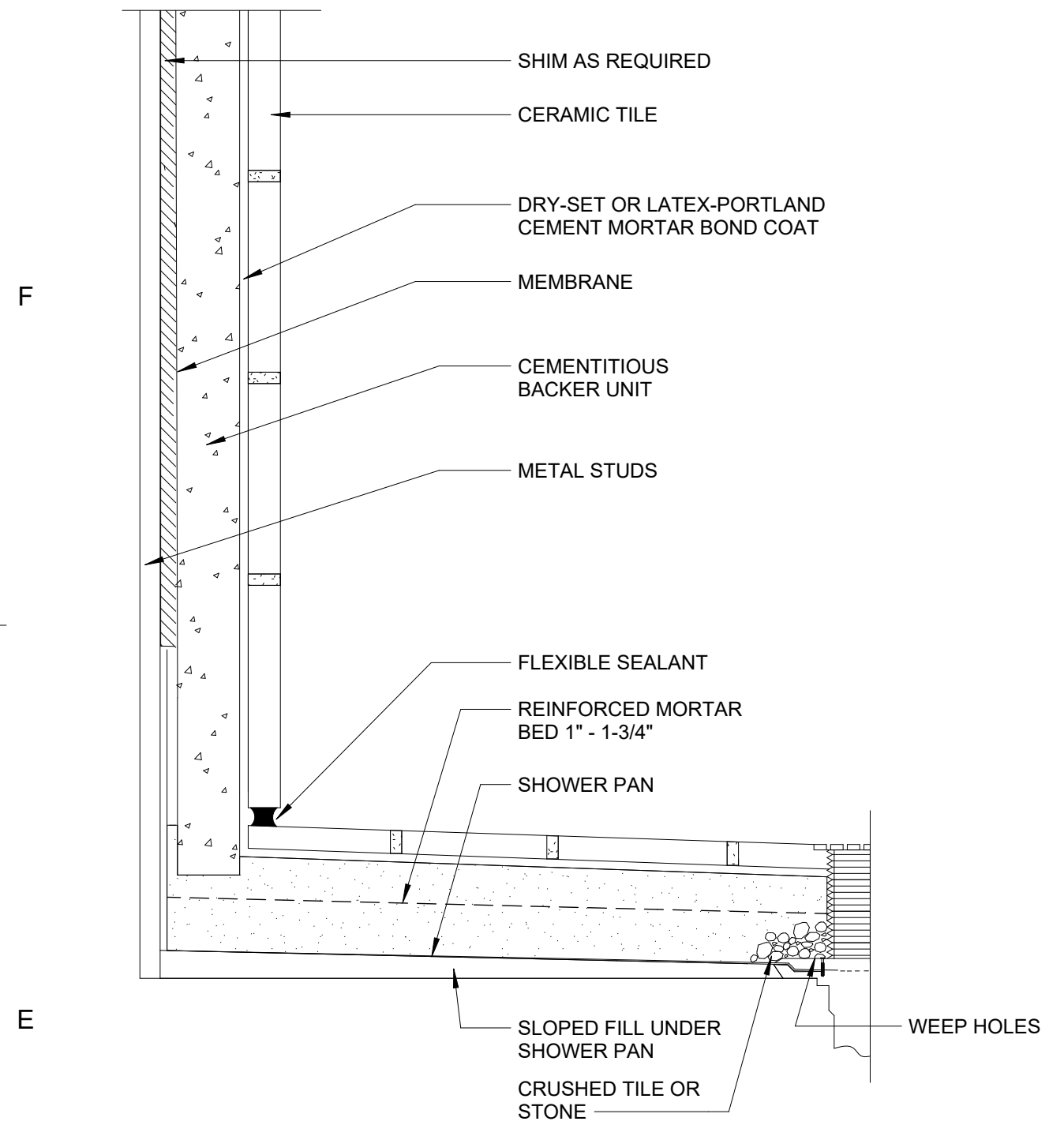
7 DOOR SIGNAGE TYPE C - RESTROOM DOOR
A-A601 NOT TO SCALE



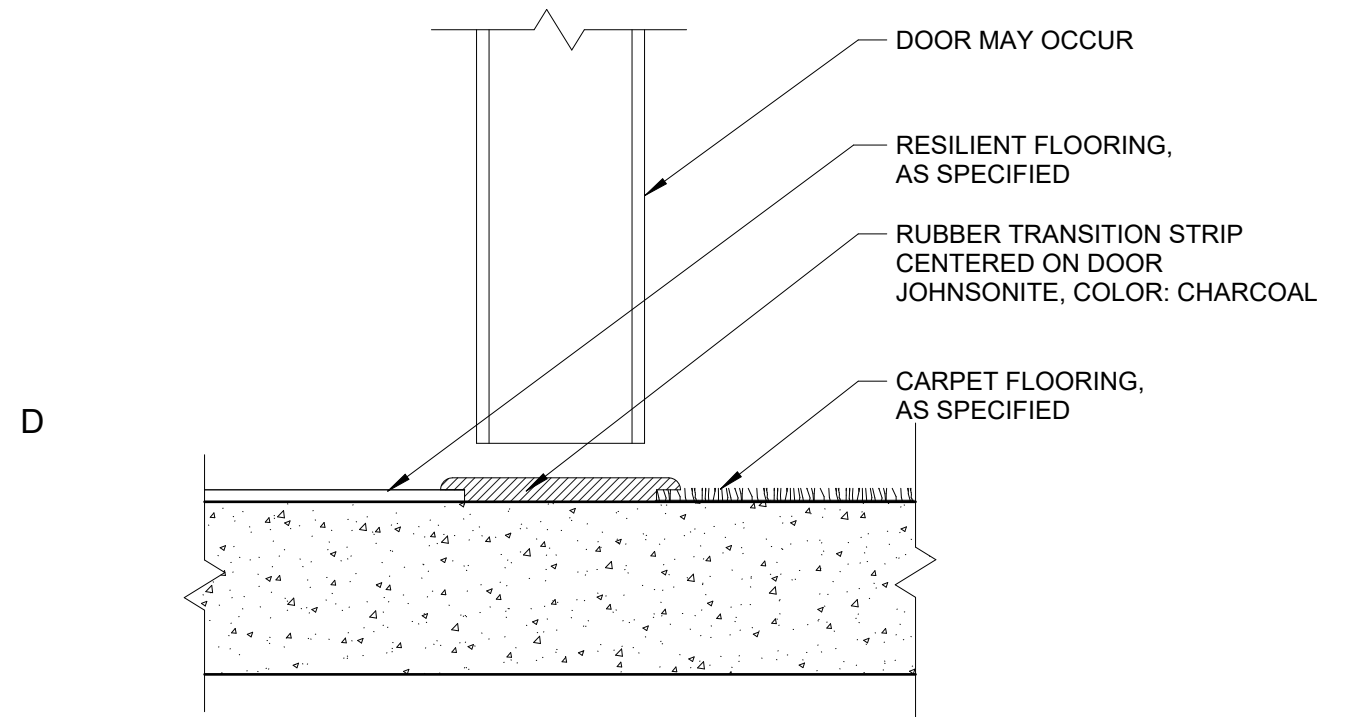
9 DOOR SIGNAGE TYPE E - NO EXIT
A-A601 NOT TO SCALE



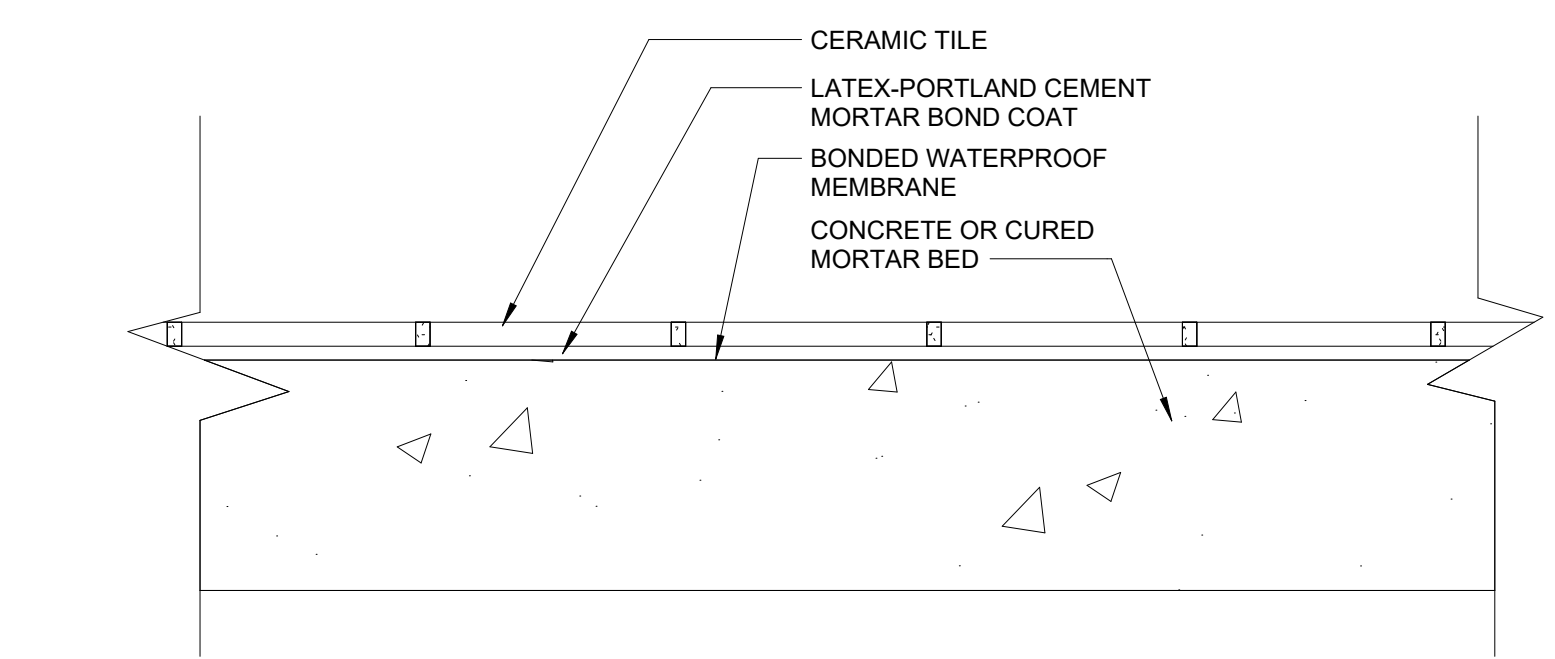
11 DOOR SIGNAGE TYPE G - FIRE RISER ROOM
A-A601 NOT TO SCALE



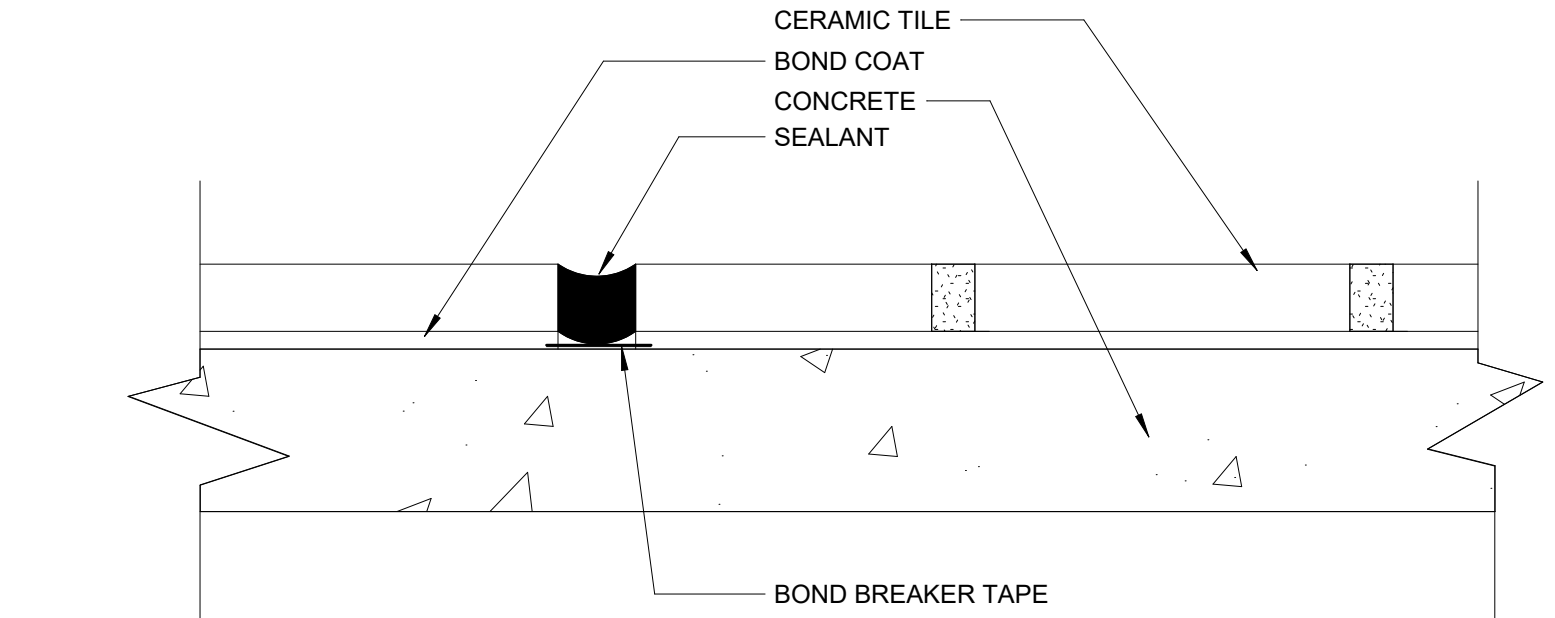
1 TYP. SHOWER DETAIL - SHOWER RECEPTORS- CEMENTITIOUS BACKER
A-A701 3/4" = 1'-0"



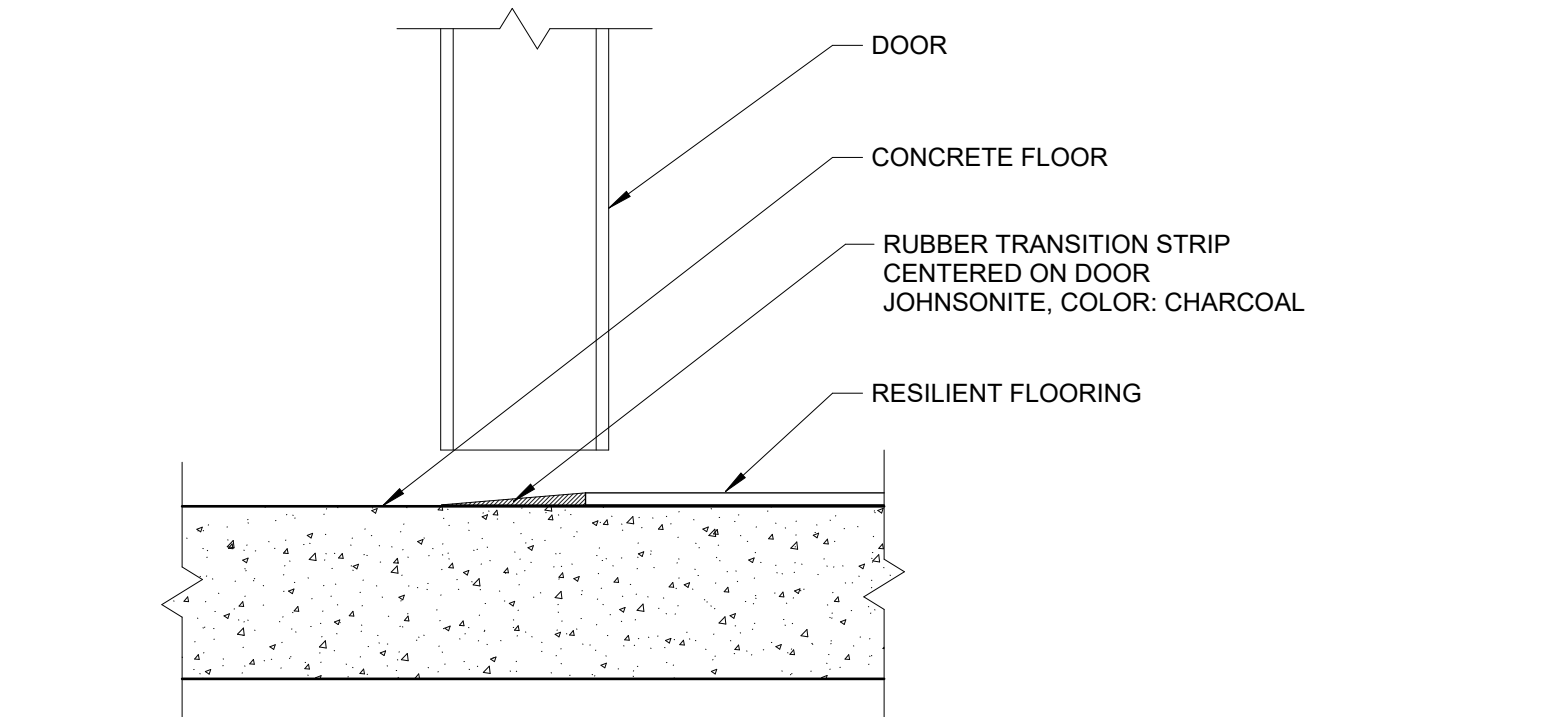
4 FLOORING TRANSITION - RESILIENT FLOORING TO CARPET
A-A701 6" = 1'-0"



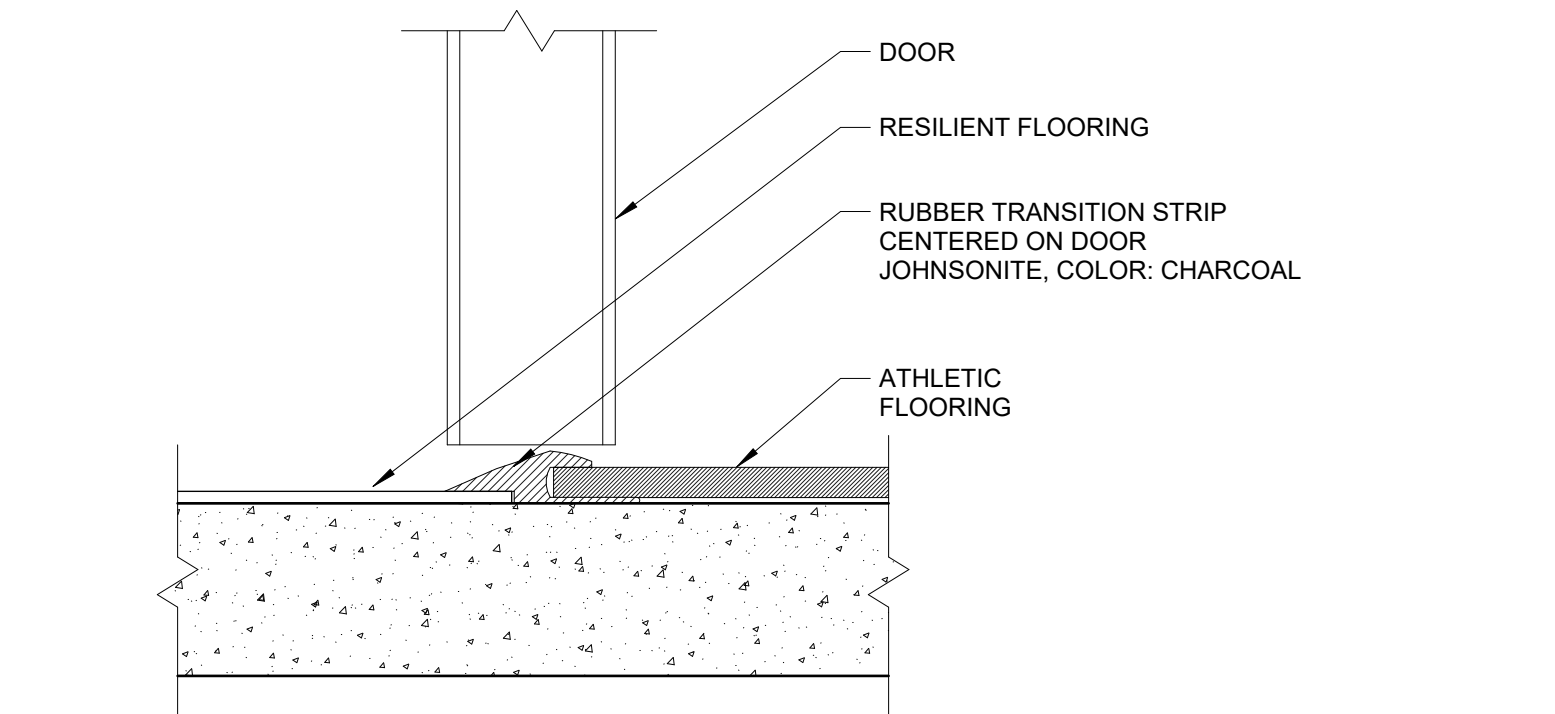
2 TYP. SHOWER FLOOR DETAIL Copy 1
A-A701 3/4" = 1'-0"



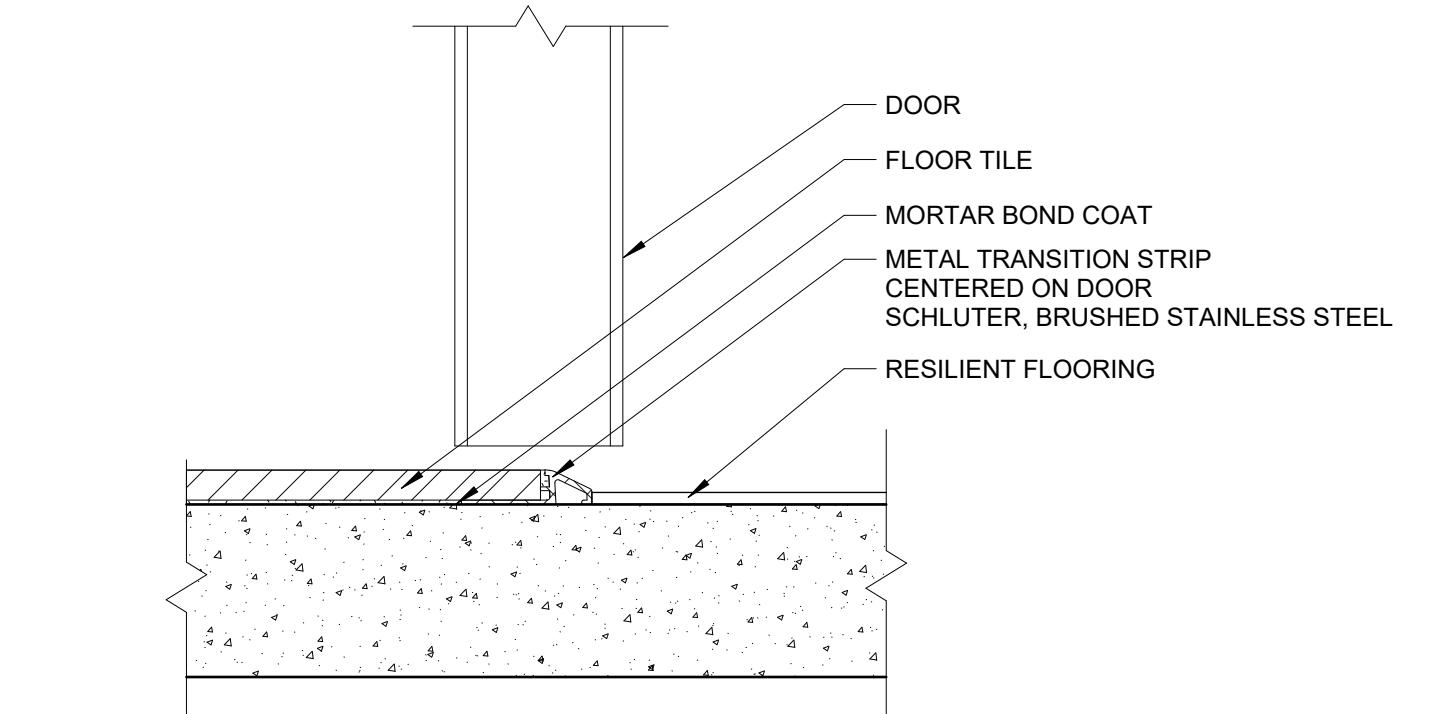
3 TYP. SHOWER DETAIL - VERTICAL & HORIZONTAL MOVEMENT JOINTS
A-A701 3/4" = 1'-0"



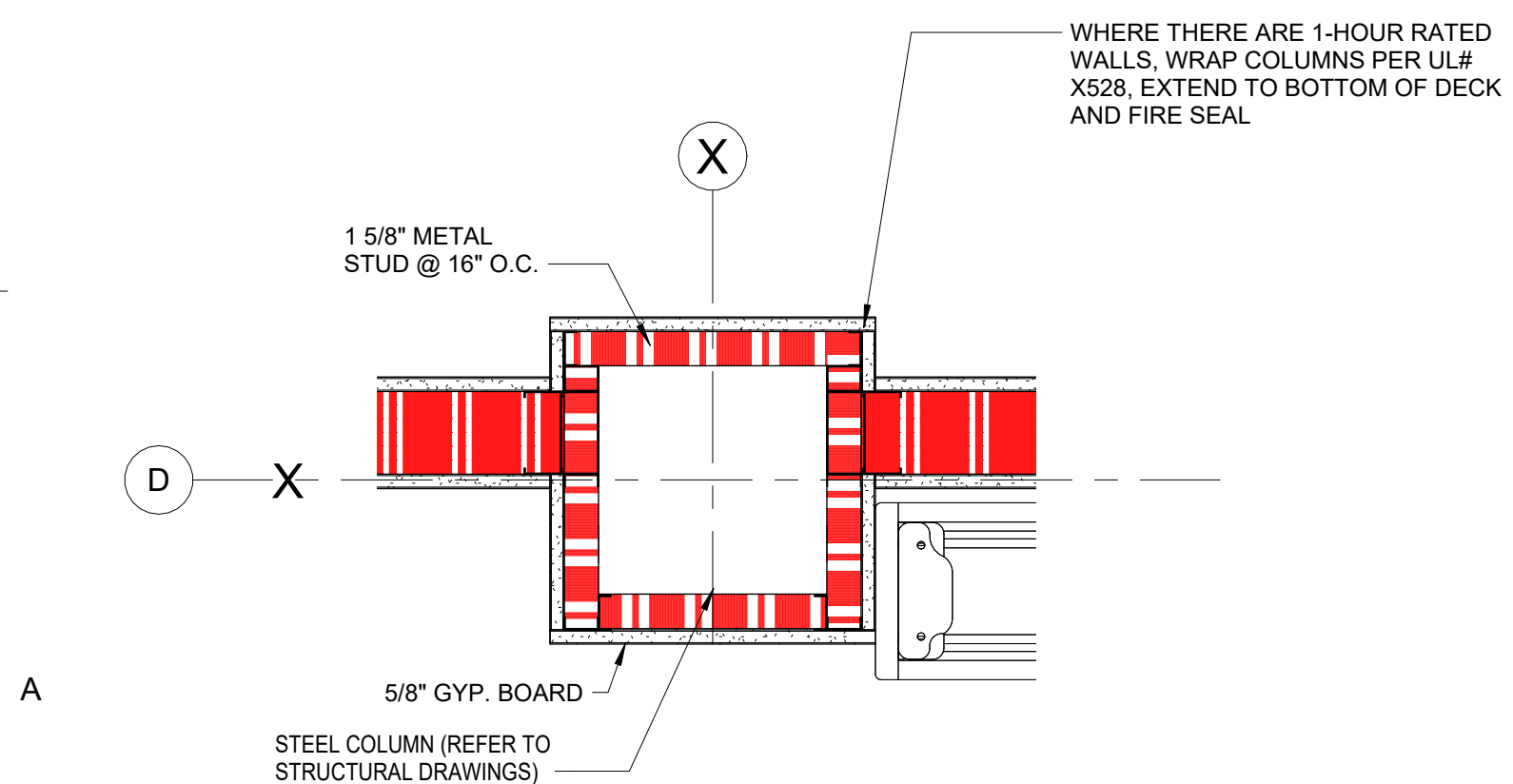
5 FLOORING TRANSITION - CONCRETE TO RESILIENT FLOORING
A-A701 6" = 1'-0"



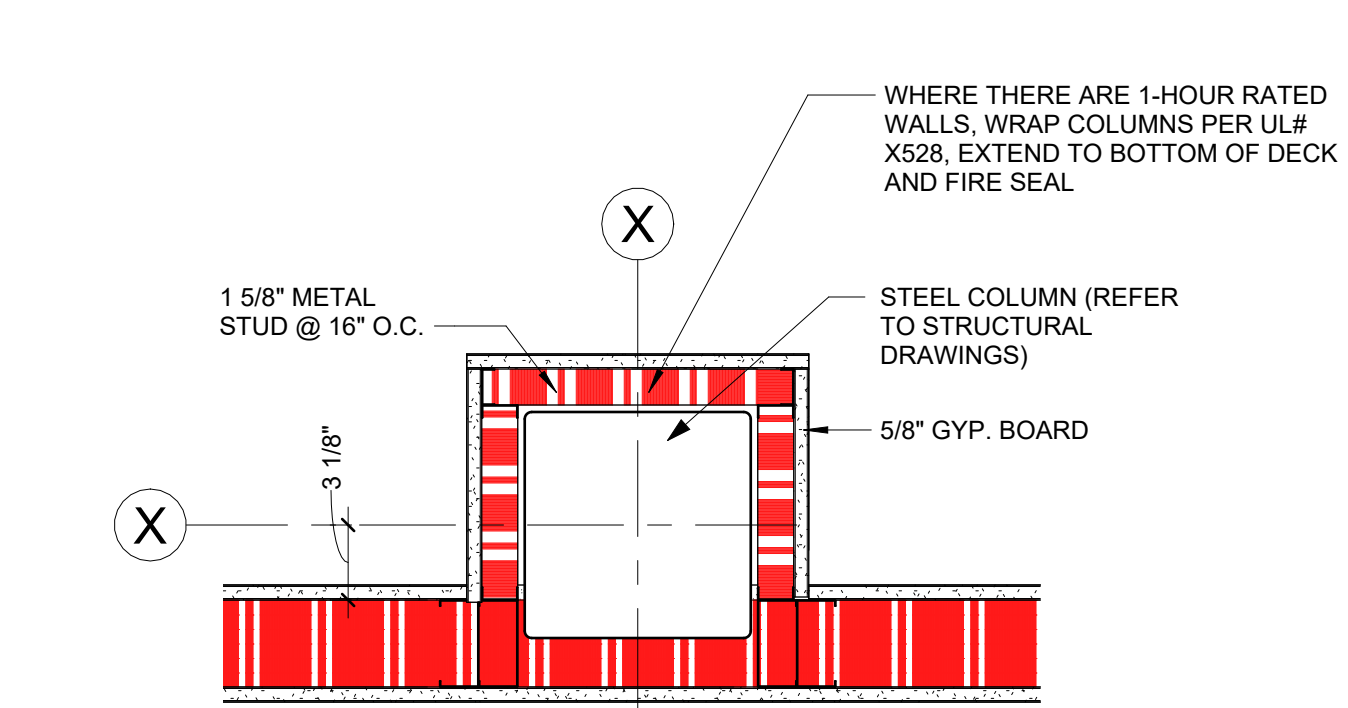
7 FLOORING TRANSITION - ATHLETIC TO RESILIENT FLOORING
A-A701 6" = 1'-0"



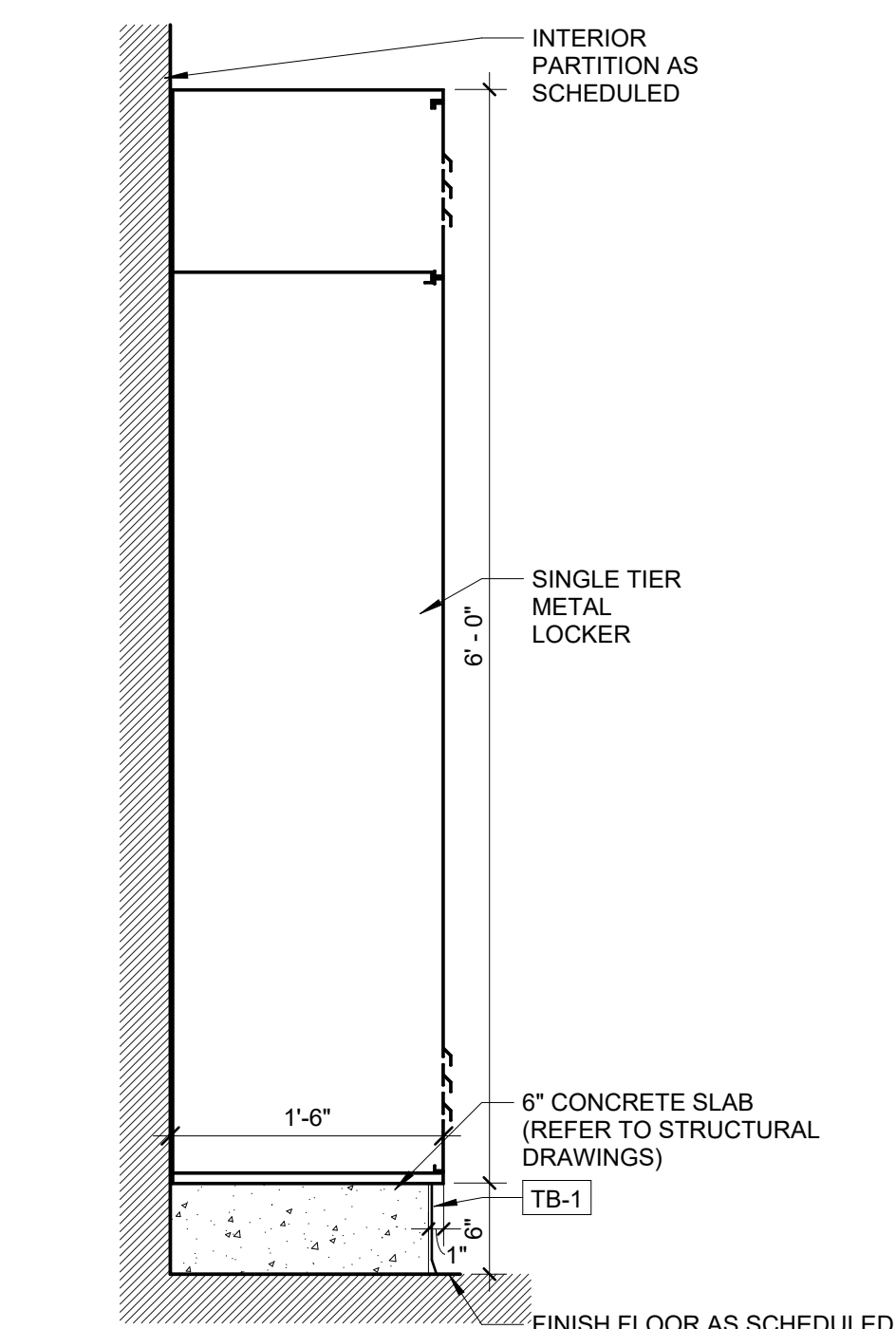
8 FLOORING TRANSITION - RESILIENT FLOORING TO FLOOR TILE
A-A701 6" = 1'-0"



9 DETAIL
A-A701 1 1/2" = 1'-0"



10 DETAIL
A-A701 1 1/2" = 1'-0"



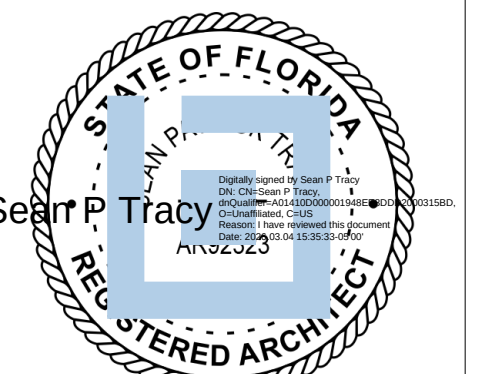
11 TYPICAL LOCKER
A-A701 1" = 1'-0"

NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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SEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY

PROJECT NAME
COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING A SERVICE CENTER

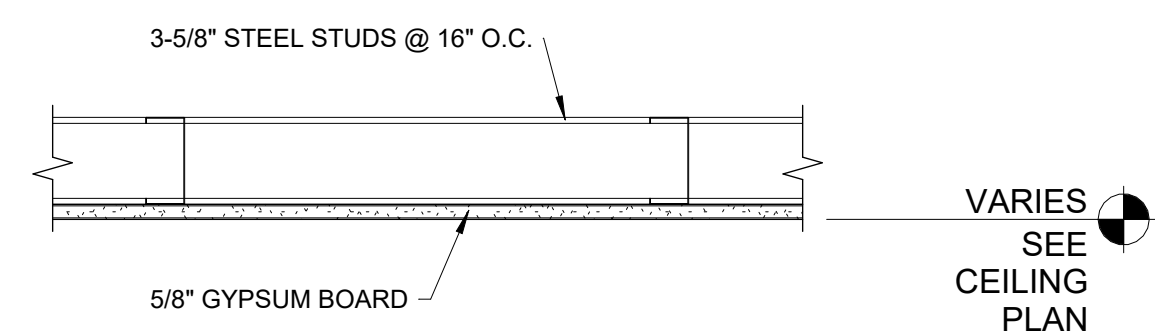
1855 NW COUNTY ROAD 25A, LAKE CITY, FL

PROJECT NO.
814C632800

SHEET TITLE
INTERIOR DETAILS

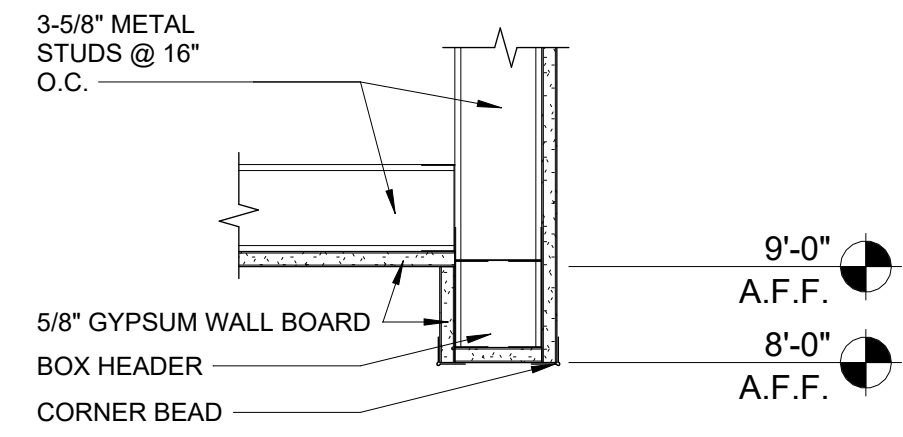
SHEET NUMBER

A-A701



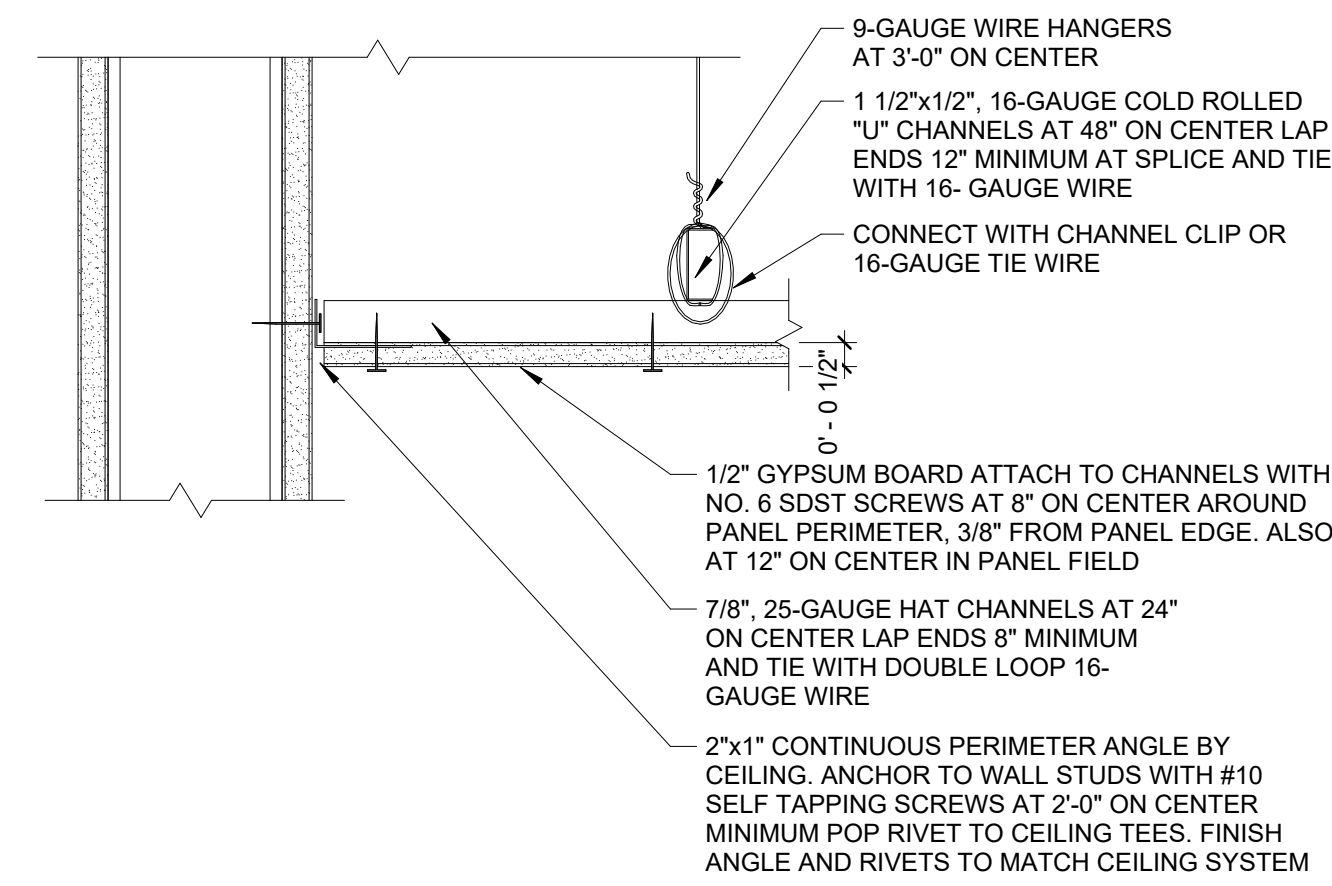
F

11	TYP. GYP. BD. CEILING
A-A711	1 1/2" = 1'-0"



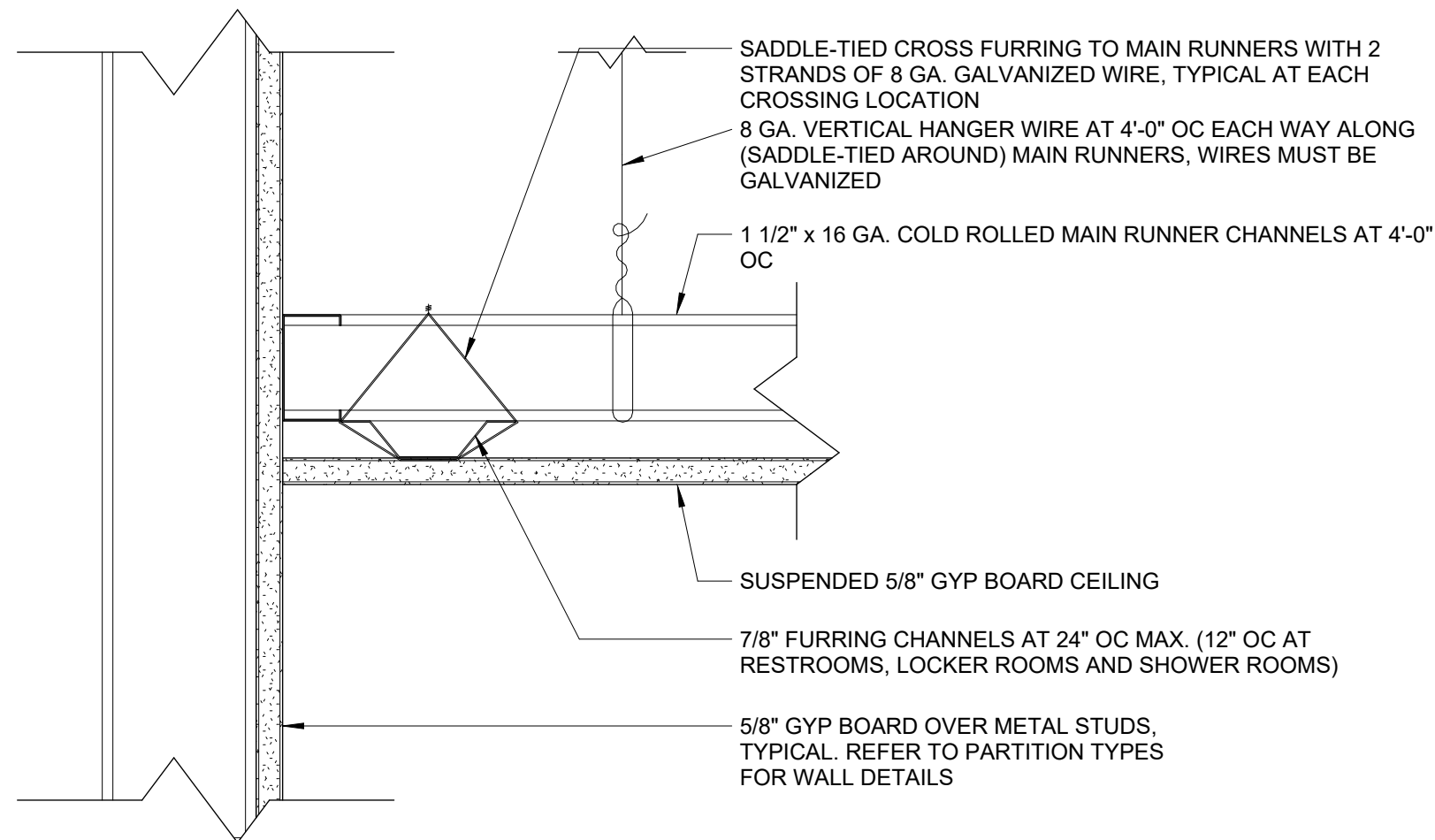
E

7	9'-0" CEILING HEADER DETAIL
A-A711	1 1/2" = 1'-0"



D

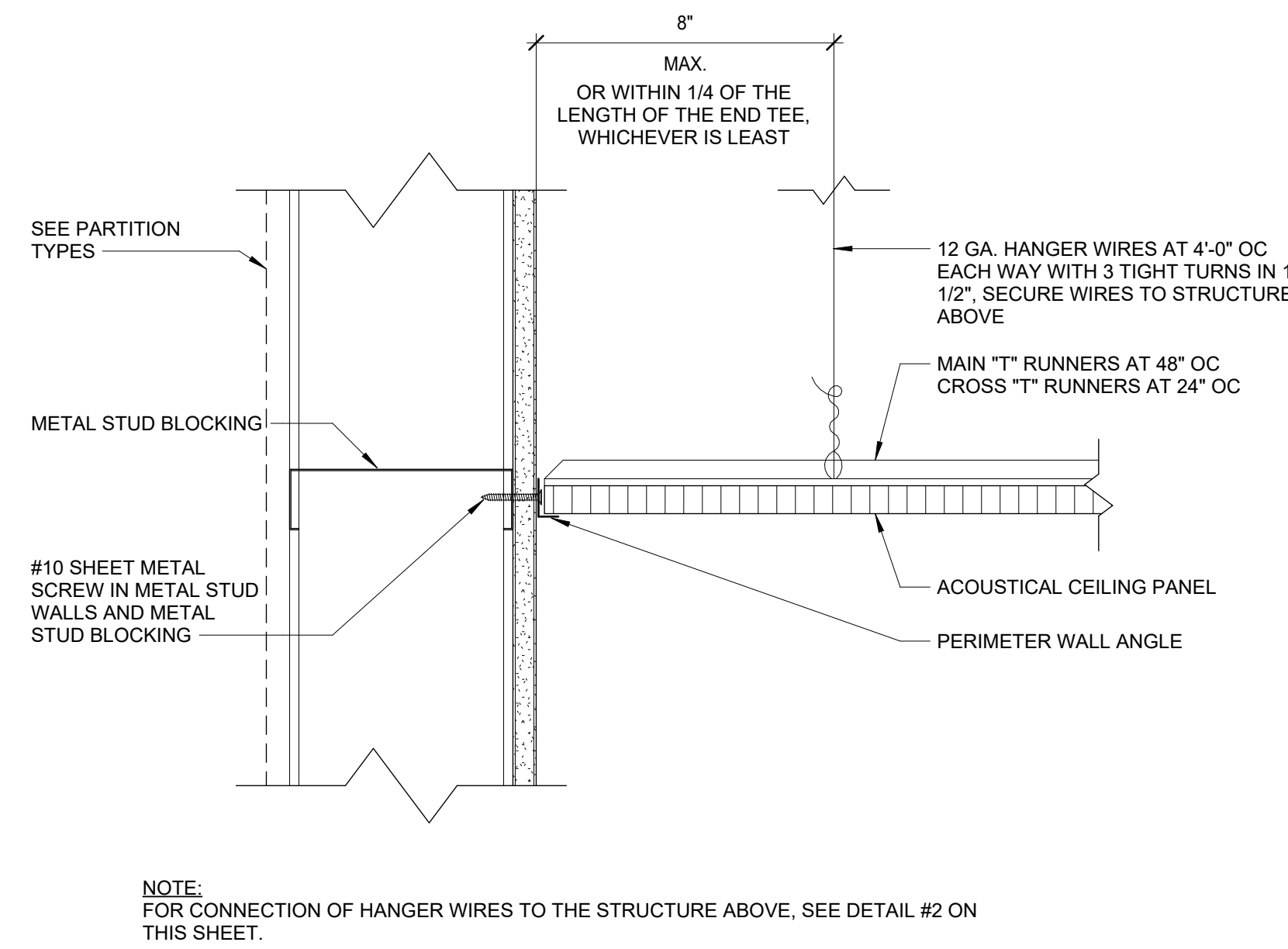
12	CEILING - GYPSUM BOARD AT WALL
A-A711	3" = 1'-0"



NOTE:
FOR CONNECTION OF HANGER WIRES TO THE STRUCTURE ABOVE, SEE DETAIL #2 ON THIS SHEET.

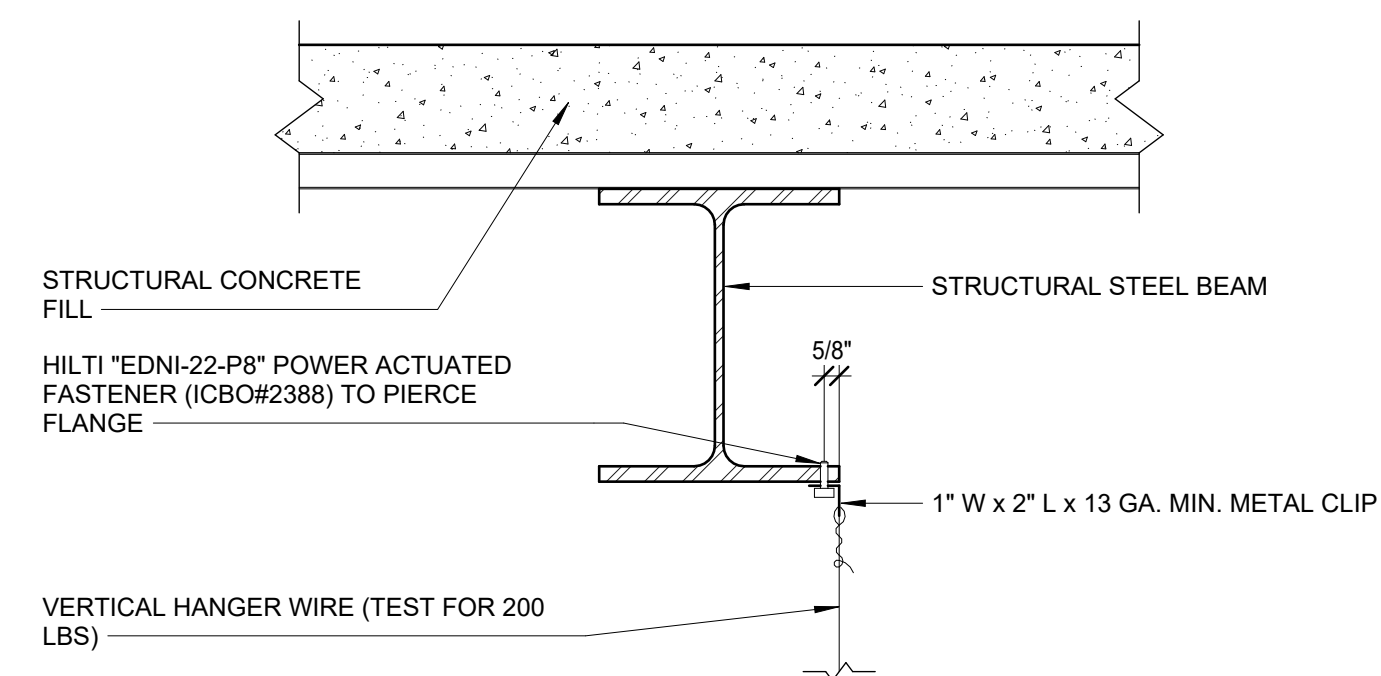
4	GYP BD CEILING AT PERIMETER WALL
A-A711	3" = 1'-0"

B



NOTE:
FOR CONNECTION OF HANGER WIRES TO THE STRUCTURE ABOVE, SEE DETAIL #2 ON
THIS SHEET.

3	ACOUSTICAL CEILING AT PERIMETER WALL
A-A711	3" = 1'-0"



8	WIRE CONNECTION AT STRUCTURAL BEAMS
A-A711	1 1/2" = 1'-0"

A

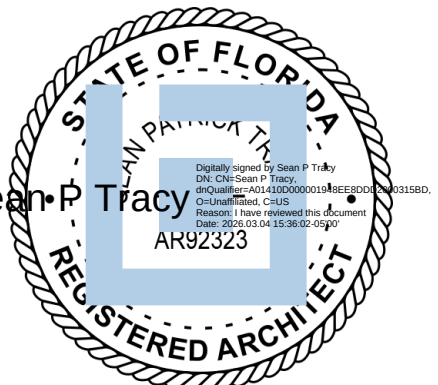
NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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USE FOR CONSTRUCTION DOCUMENTS

2/25/2026

DISPOSITIONS		
NO.	REASON	DATE

--	--	--

PROJECT TEAM

Principal in Charge
EAN TRACY

PROJECT MANAGER
BENJAMIN BOYLES

DESIGN TEAM

PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING A
SERVICE CENTER

55 NW COUNTY ROAD 25A,
LAKE CITY, FL

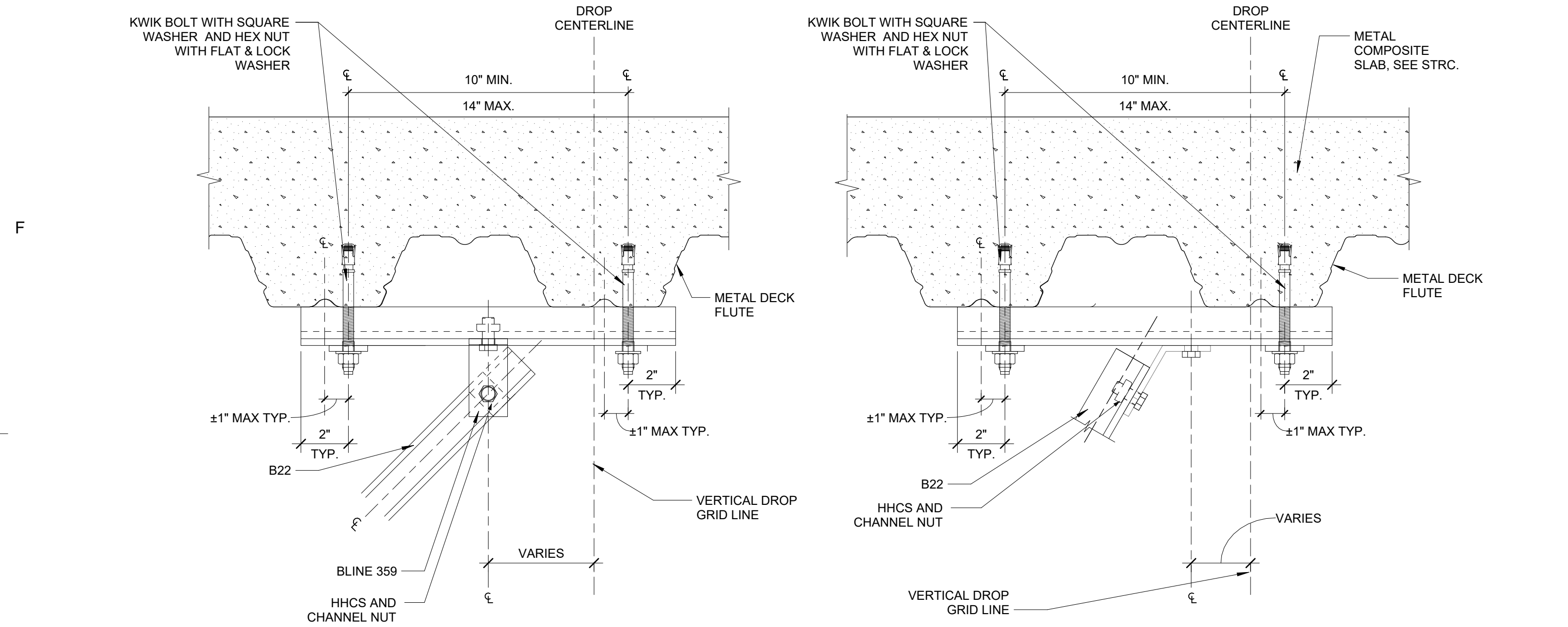
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14C632800

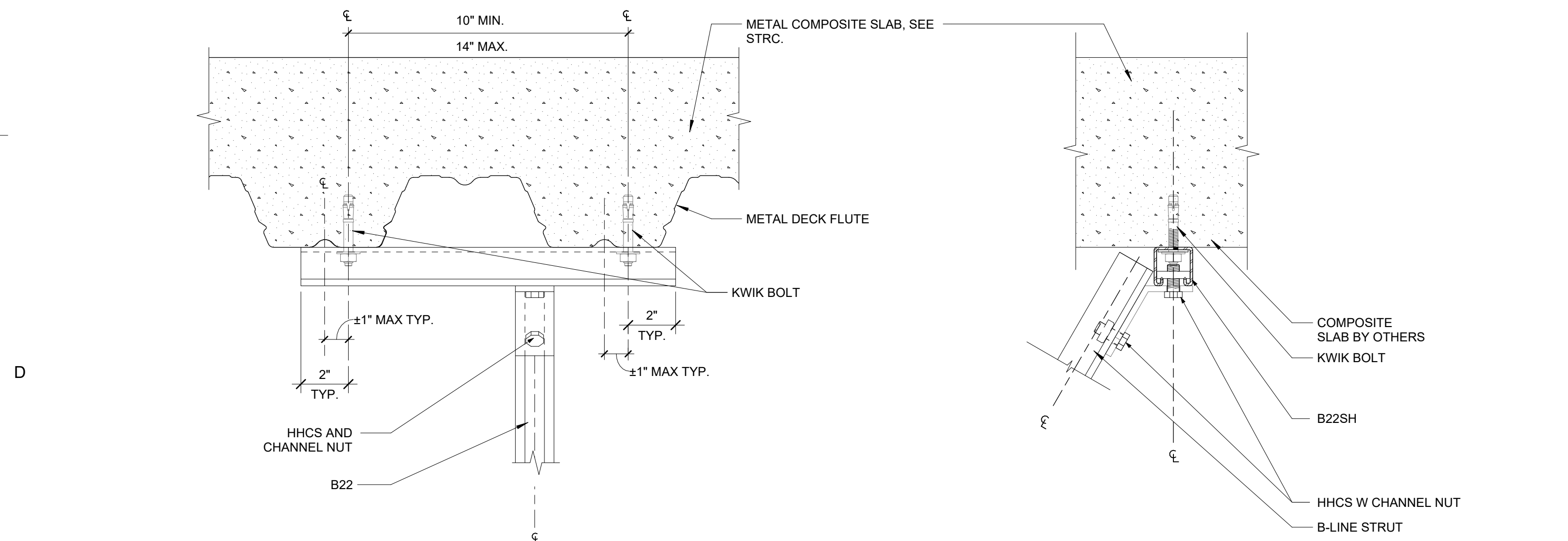
CEILING DETAILS

ET NUMBER

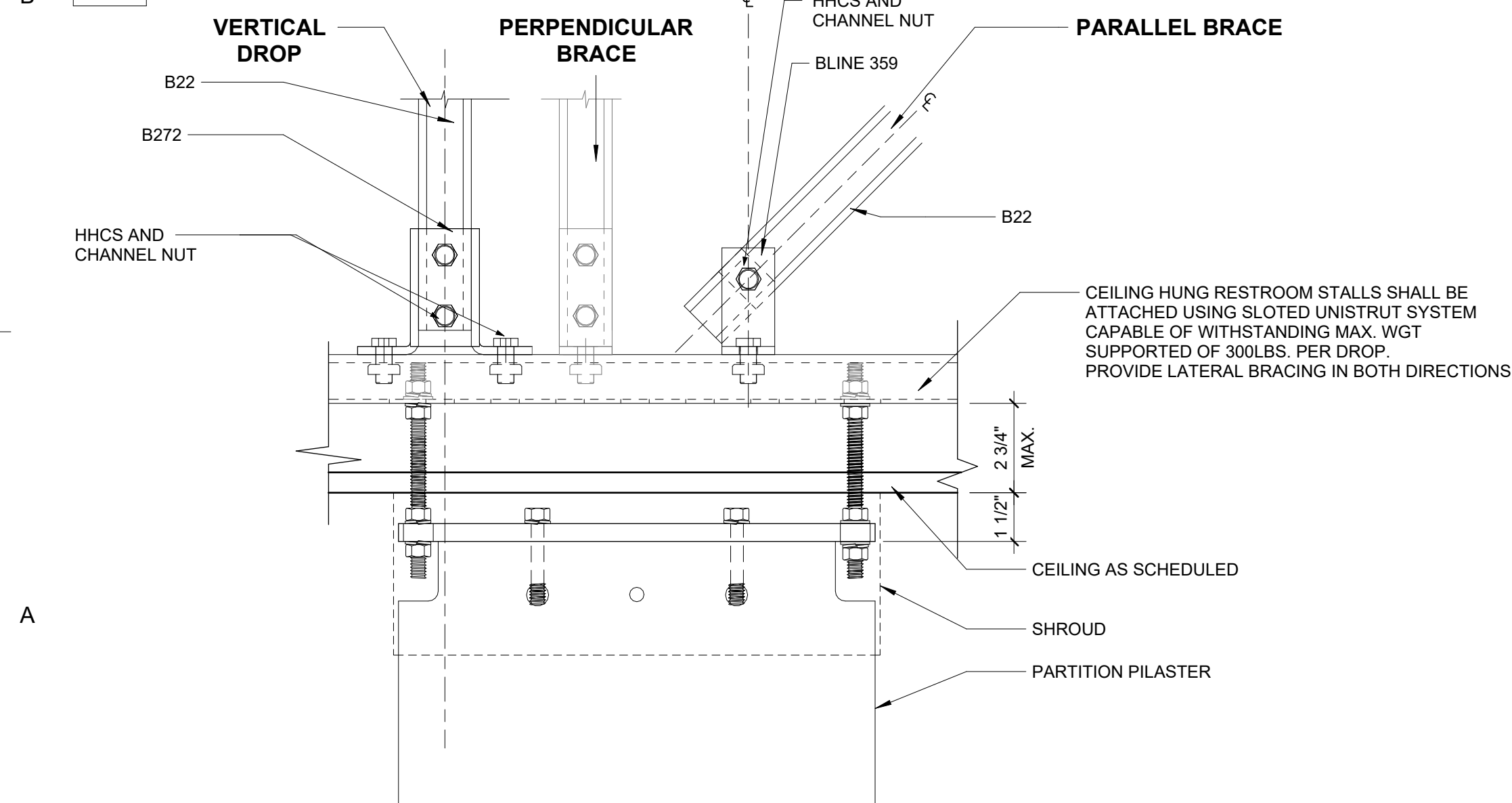
A-A711



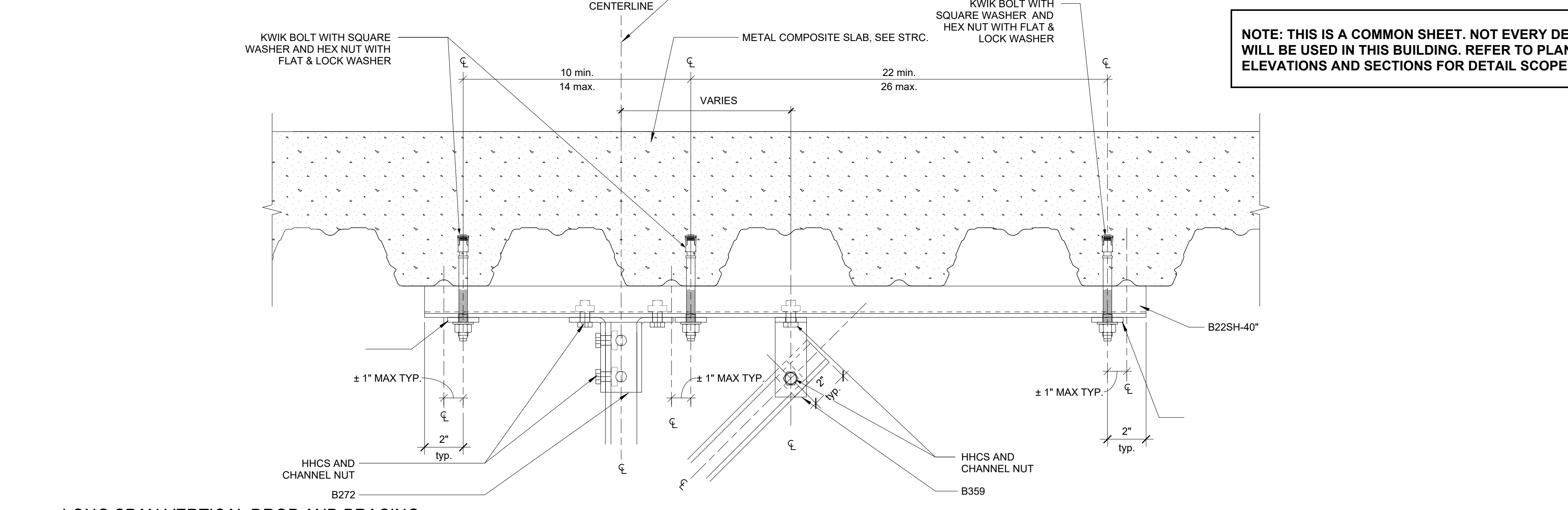
1F DUAL ANCHOR BRACE INLINE CONNECTION
A-A712 3" = 1'-0"



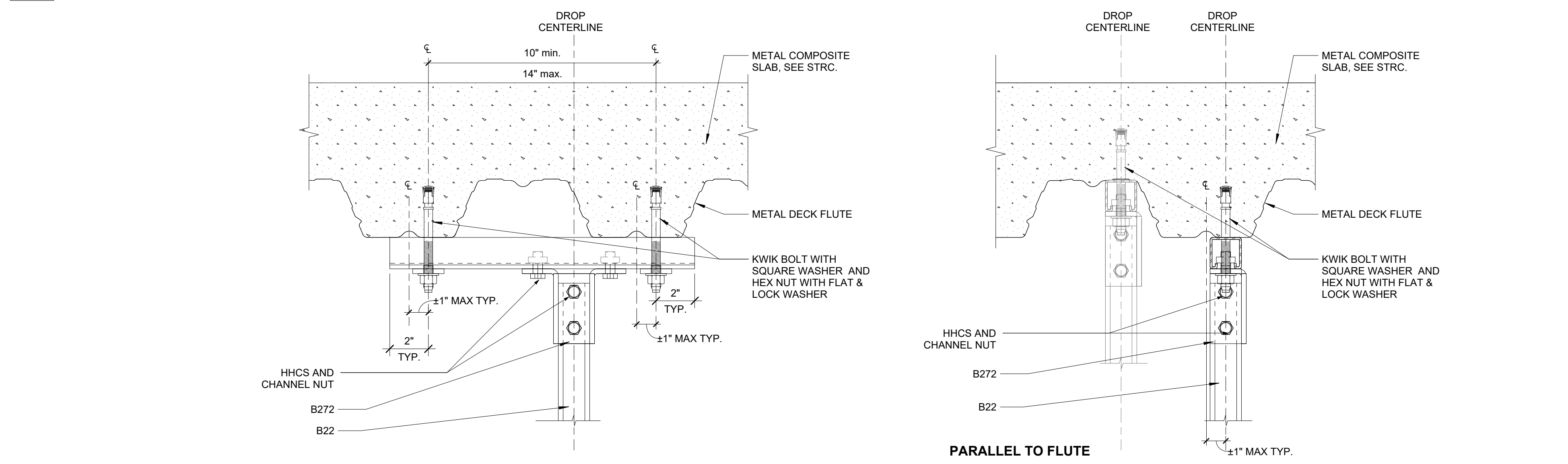
1B DUAL ANCHOR BRACE CONNECTION
A-A712 3" = 1'-0"



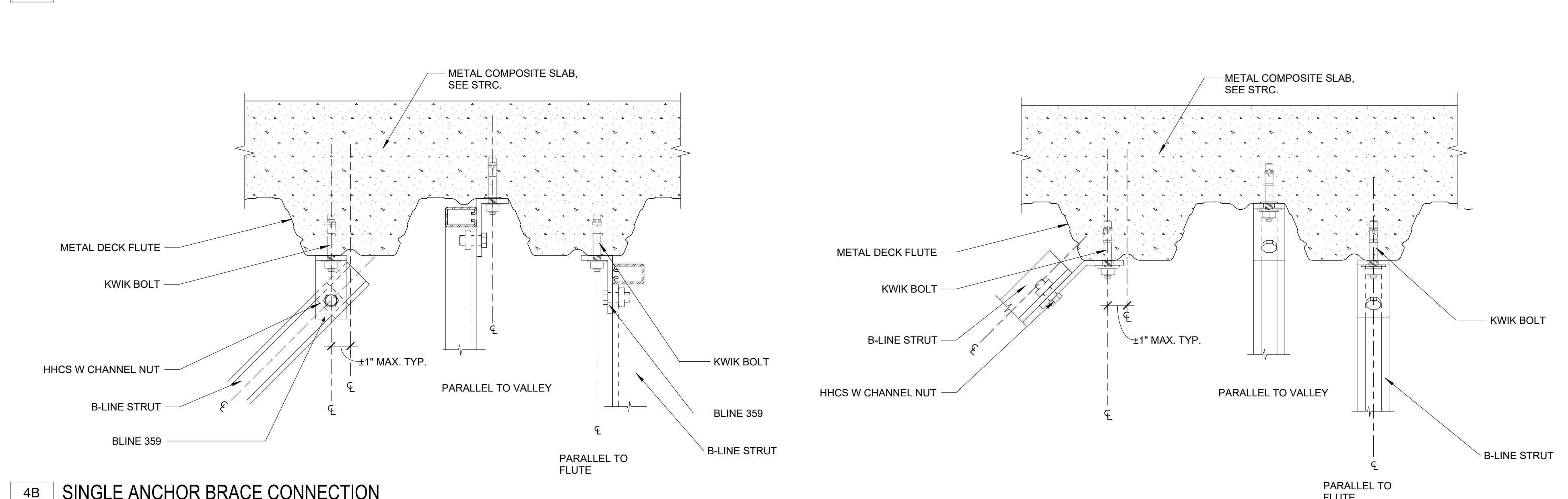
1A CEILING HUNG TOILET PARTITION
A-A712 3" = 1'-0"



4E LONG SPAN VERTICAL DROP AND BRACING CONNECTION
A-A712 3" = 1'-0"



4D DUAL ANCHOR VERTICAL SUPPORT CONNECTION
A-A712 3" = 1'-0"



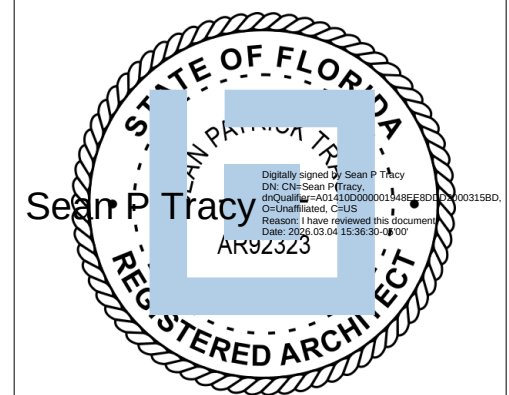
4B SINGLE ANCHOR BRACE CONNECTION
A-A712 3" = 1'-0"

NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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PROCESSING & SERVICE
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SERVICE CENTER

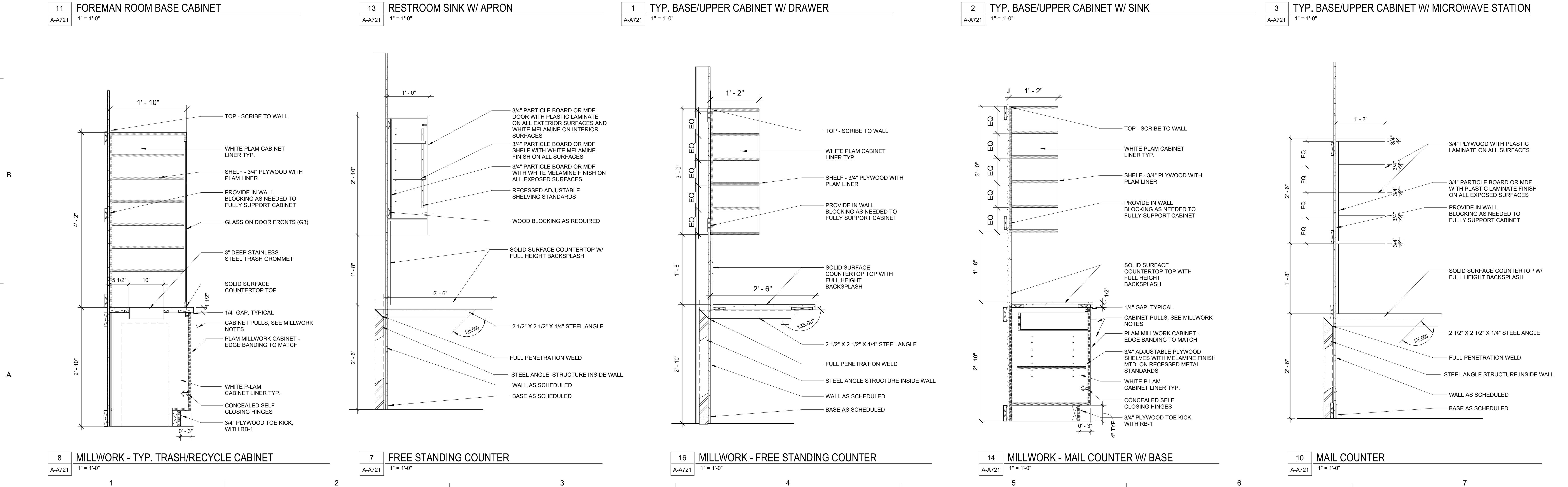
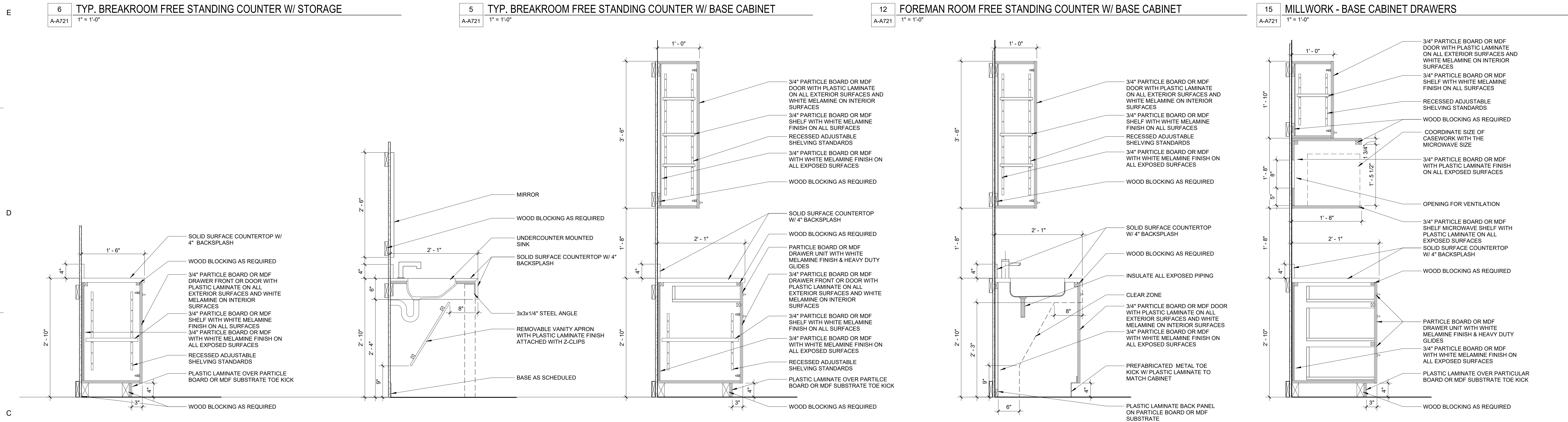
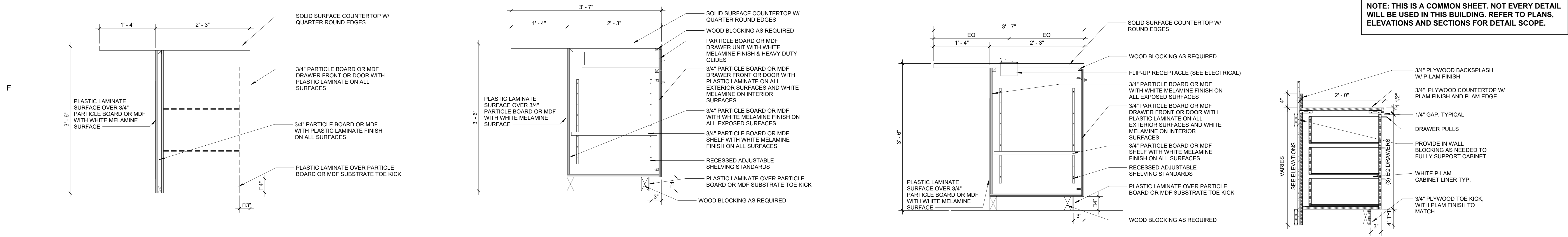
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE
CEILING MOUNTED
TOILET PARTITIONS
DETAILS

SHEET NUMBER

A-A712



DOOR SCHEDULE - BUILDING A																			
DOOR NUMBER	DOOR TYPE	NOMINAL OPENING		DOOR				FIRE RATING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME GLASS TYPE	FRAME DETAILS			ELECTRONIC FUNCTION	HDWE SET	REMARKS	
		WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	CORE MATERIAL	DOOR FINISH						DOOR GLASS TYPE	HEAD	JAMB				SILL
LEVEL 01																			
100	FG2	6' - 0"	7' - 0"	1 3/4"	AL/GL	--	FF	G1	--	S1	AL	FF	G4	SCHEDULE NOTE #3	SCHEDULE NOTE #3	SCHEDULE NOTE #3	PP, CR, PB, DC, PTH, REX	01A	FAIL SECURE
101	OH	8' - 0"	8' - 10"		STL	IC	FF	--	--	MFR	STL	FF (GALV)	--	9/A-313	DJ3	DS3	SCHEDULE NOTE #6	34	SCHEDULE NOTE #2
102	FG1	3' - 0"	7' - 0"	1 3/4"	AL/GL	--	FF	G3	--	S3	AL	FF	G3	SCHEDULE NOTE #3	SCHEDULE NOTE #3	SCHEDULE NOTE #3		10	
103	F	3' - 0"	7' - 0"	1 3/4"	HM	IC	P-8	--	--	1	HM	P-8	--	DH2	DJ2	DS2	CR, EL, DC, PTH, REX	05A	FAIL SECURE
104	F	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	--	--	1	HM	P-8	--	DH1	DJ1	DS1		19	
105A	F	6' - 0"	7' - 0"	1 3/4"	HM	IC	P-8	--	--	2	HM	P-8	--	DH2	DJ2	DS2	CR, EL, DC, PTH, REX	02A	FAIL SECURE
105B	F	3' - 0"	7' - 0"	1 3/4"	WD	MC	WV	--	45 MIN	1	HM	P-8	--	DH1	DJ1	DS1		19	
106A	F	4' - 0"	7' - 0"	1 3/4"	HM	IC	P-8	--	--	1	HM	P-8	--	DH2	DJ2	DS2	CR, PB, DC, PTH, REX	05A	FAIL SECURE
106B	F	3' - 0"	7' - 0"	1 3/4"	WD	MC	WV	--	45 MIN	1	HM	P-8	--	DH1	DJ1	DS1		18	
107	F	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	--	--	1	HM	P-8	--	DH1	DJ1	DS1		22	
109	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1	CR, EL, DC, PTH, REX	12	FAIL SAFE
111	FG1	3' - 0"	7' - 0"	1 3/4"	AL/GL	--	FF	G3	--	S2	AL	FF	G1	SCHEDULE NOTE #3	SCHEDULE NOTE #3	SCHEDULE NOTE #3		10	
112	F	3' - 0"	7' - 0"	1 3/4"	WD	MC	WV	--	90 MIN	1	HM	P-8	--	DH1	DJ1	DS1	CR, EL, DC, PTH, REX	13	FAIL SECURE
113	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		31	
114A	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		29	
114B	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		30	
115A	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		29	
115B	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		30	
116A	F	3' - 0"	7' - 0"	1 3/4"	HM	IC	WV	--	--	1	HM	P-8	--	DH2	DJ2	DS2	CR, EL, DC, PTH, REX	05A	FAIL SECURE
116B	OH	9' - 0"	10' - 0"		STL	IC	FF	--	--	MFR	STL	FF (GALV)	--	DH4	DJ4	DS4	SCHEDULE NOTE #6	34	SCHEDULE NOTE #2
116C	MG	4' - 0"	7' - 0"		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
117	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		29	
118	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		29	
119	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		29	
120	N	3' - 0"	7' - 0"	1 3/4"	WD	PC	WV	G3	--	1	HM	P-8	--	DH1	DJ1	DS1		29	
121A	N	3' - 0"	7' - 0"	1 3/4"	HM	IC	P-8	G1	--	4	HM	P-8	G1	SCHEDULE NOTE #4	SCHEDULE NOTE #4	SCHEDULE NOTE #4	CR, PB, DC, PTH, REX	05A	FAIL SECURE
121B	N	3' - 0"	7' - 0"	1 3/4"	WD	MC													

G1 - INSULATED GLASS UNIT (3/4" THICK)
LOW-E INSULATING / LAMINATED GLAZING UNIT
(12% LIGHT REFLECTANCE, 33% VISIBLE LIGHT TRANSMITTANCE)
BASIS OF DESIGN: VIRAIRON GREY TINTED

G2 - FIRE-RATED GLASS (3/16" CLEAR CERAMIC)
FIRE-RATED / NON-IMPACT

G3 - TEMPERED GLASS (1/4" CLEAR)

G4 - INSULATED GLASS UNIT (1" THICK)
LOW-E INSULATING / LAMINATED GLAZING UNIT
(12% LIGHT REFLECTANCE, 33% VISIBLE LIGHT TRANSMITTANCE)
BASIS OF DESIGN: VIRAIRON GREY TINTED

1. PROVIDE SIGNAGE, SEE A-A131 FOR SIGNAGE PLACEMENT AND O-A601 FOR SIGNAGE DETAIL.
2. MANUFACTURER'S STANDARD THICKNESS AND ANCHORAGE DETAILS.
3. REFER TO STOREFRONT ELEVATIONS FOR PERIMETER DETAILS.
4. REFER TO FRAME ELEVATIONS FOR PERIMETER DETAILS.
5. ALL HOLLOW METAL DOOR LEAFS SHALL HAVE A CLOSER.
6. POWERED MOTOR OPERATOR (PO) WITH OBSTRUCTION SENSOR BAR (OS) AT BOTTOM.
7. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR HOLLOW METAL DOOR AND FRAME PAINT COLORS.

1. SEAL ALL FRAMES TO EXTERIOR WALLS AND HARD FLOORS.
2. CAULK ALL FRAMES TO INTERIOR PARTITIONS.
3. DOORS SHALL BE RECESSED 4" FROM EXTERIOR FACE OF EXTERIOR WALLS UNLESS OTHERWISE NOTED.
4. ALL DOORS SHALL HAVE AN UNDERCUT OF 3/4", UNLESS NOTED OTHERWISE REFER TO MECH PLANS FOR ADDITIONAL UNDERCUTS REQUIRED FOR AIR AND SOUND REQUIREMENTS. REGARDLESS:
FIRE-RATED DOORS: MAXIMUM UNDERCUT SHALL BE 3/4".
NON-FIRE-RATED DOORS: MAXIMUM UNDERCUT SHALL BE 1".

1. ALL HOLLOW METAL DOORS SHALL RECEIVE CLOSERS.
2. ALL DOORS SHALL RECEIVE BUILDING STANDARD DOME DOOR STOP IN BRUSHED CHROME, UNLESS NOTED OTHERWISE.
3. INSTALL DIAMOND PLATE ARMOR GUARD ON PUSH SIDE OF DOOR LEAF AS SCHEDULED.

CR	CARD READER	PB	PANIC BAR
DC	DOOR CONTACT	PO	POWERED OPERATOR
EL	ELECTRIC LOCK	PP	PUSH PAD OPERATOR
MH	MAGNETIC HOLDER	PTH	POWER TRANSFER HINGE
OS	OBSTRUCTION SENSOR	REX	REQUEST TO EXIT

CORE MATERIALS		DOOR MATERIALS		GENERAL	
MC	MINERAL CORE	WD	WOOD	MFR	MANUFACTURER
IC	INSULATED CORE	AL	ALUMINUM	FF	FACTORY FINISH
PC	PARTICLE CORE	GL	GLAZED	GALV	GALVANIZED
		HM	HOLLOW METAL	WV	GALVANIZED

[illegible][illegible]

Diagram illustrating the dimensions and components of a window unit:

- PANEL JOINT**
- REVEAL**
- PAINT COLOR VARIES (SEE EXTERIOR ELEVATIONS)**
- 1/4 1/2"**
- 1' 4 1/2"**
- TYP. 2' 0 1/2"**
- ROUGH OPENING**
- GLAZING PER SCHEDULE**
- DOOR PER SCHEDULE**
- 1/2" PER FRAME TYPE 1/2"**
- ROUGH OPENING**

The diagram also includes a circular detail showing the window head profile with dimensions: 3/4" x 3/4" and 1/2" x 3/4".

[illegible]

Diagram illustrating the components and dimensions of a Sliding Window:

- Dimensions:**
 - Overall Width: 6" - 4"
 - Overall Height: 3' - 0"
 - Sliding Panel Glazing G3: 4' - 0"
 - Package Width: WH1
 - Package Height: 4' - 0"
- Components:**
 - Sliding Panel Glazing G3
 - Fixed Panel Glazing G3
 - WJ1 (Window Jamb)
 - Solid Surface Counter
 - Solid Surface Trim
 - WS1 (Window Sill)
 - W1 (Window Unit)

PER ELEVATION

LH1

PER ELEVATION

LJ1

LJ1

FLOOR LEVEL

VARIES SEE EXTERIOR ELEVATION

L1

The image contains three architectural cross-section drawings of window or door thresholds, labeled LH1, LJ1, and LS1. Each drawing shows the interior and exterior views with various components like aluminum attachment, concrete tilt wall panel, metal louver, and sealant. A legend at the bottom explains the reference numbers.

Legend:

1. REFER TO MECH DRAWINGS FOR MODELS, SIZES AND PERFORMANCE.
2. REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND DIMENSIONAL LOCATIONS WITHIN TILT WALL PANELS.

INTERIOR **FH1** **EXTERIOR**

CONCRETE TILT-UP WALL PANEL
REFER TO FLOOR PLANS FOR APPLICATION OF INTERIOR PARTITIONS
CONTINUOUS SEALANT ON BACKER ROD (EACH SIDE)
HOLLOW METAL FRAME (AS SCHEDULED) GROUT SOLID, EXTERIOR: PRIMED AND PAINTED / INTERIOR: MASTIC COATING, PRIOR TO GROUTING SOLID
HM GLAZING STOP AND SETTING STRIP
GLAZING AS SCHEDULED

INTERIOR **FJ1** **EXTERIOR**

GLAZING AS SCHEDULED
HM GLAZING STOP AND SETTING STRIP
HOLLOW METAL FRAME (AS SCHEDULED) GROUT SOLID, EXTERIOR: PRIMED AND PAINTED / INTERIOR: MASTIC COATING, PRIOR TO GROUTING SOLID
CONTINUOUS SEALANT ON BACKER ROD (EACH SIDE)
JAMB ANCHORS EACH SIDE, COUNTERSUNK INTO DIMPLED DOOR FRAME

INTERIOR **FS1** **EXTERIOR**

CONCRETE SLAB, REFER TO FINISH PLAN FOR FINISH
GLAZING AS SCHEDULED
HM GLAZING STOP AND SETTING STRIP
HOLLOW METAL FRAME WITH CLOSURE PLATE BY MFR, FILL SOLID WITH GROUT
SEALANT ON BACKER ROD (BOTH SIDES), WEEP @ 1/2"
CONCRETE PAVING
CONTINUOUS SEALANT ON 1/2" COMPRESSIBLE FILLER
ALUMINUM SILL PAN W/ FULLY SOLDERED UP, TURNED BACK AND ENDS AND HEMMED FRONT EDGE

The image contains three cross-sectional diagrams of architectural thresholds, labeled DH1, DJ1, and DS1.

- DH1:** A door threshold. It shows a double metal stud header with a metal stud wall on each side, each 5/8" thick gypsum board. A door frame with a double bend at the throat is shown. The door is labeled "DOOR PER SCHEDULE". The frame is wrapped around the metal. Dimensions include 2" for the metal stud wall, 2" for the gypsum board, and 6" for the total width.
- DJ1:** A door jamb threshold. It shows a double metal stud jamb with a door frame wrapped around the metal. The door is labeled "DOOR PER SCHEDULE". The frame is wrapped around the metal. Dimensions include 6" for the total width.
- DS1:** A door sill threshold. It shows a concrete slab with a marble threshold (as scheduled) on top. The door is labeled "DOOR PER SCHEDULE". The concrete slab is labeled "CONCRETE SLAB, REFER TO FINISH PLAN FOR FLOORING". Dimensions include 6" for the total width.

ELEC	ELECTRICAL
MFR	MANUFACTURER
P.T.	PRESSURE-TREATED
SATM	SELF-ADHERING TRANSITION MEMBRANE
SS	STAINLESS STEEL
SSM	SOLID SURFACE MATERIAL
STRC	STRUCTURAL

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D

CONCRETE TILT WALL PANEL - CHAMFER EDGES 3/4"

RAIL ANCHORAGE

DOOR MFR.

DOOR GUIDE RAILS

WEATHER STRIP SWEEPS

OVERHEAD COILING DOOR

OPENING WIDTH AS SCHEDULED

EXTERIOR

DJ3

INTERIOR

CONCRETE TILT WALL PANEL BEYOND

CONCRETE PAVING

SLOPE

OVERHEAD COILING DOOR

SENSOR BAR AND GASKET SEAL

DOOR GUIDE RAILS BEYOND

EXTERIOR

DJ3

INTERIOR

OH COILING DOORS

CONCRETE TILT-UP WALL PANEL

REFER TO FLOOR PLANS FOR APPLICATION OF INTERIOR PARTITIONS

CONTINUOUS SEALANT ON BACKER ROD (EACH SIDE)

HOLLOW METAL FRAME (AS SCHEDULED) GROUT SOLID, EXTERIOR: PRIMED AND PAINTED / INTERIOR: MASTIC COATING, PRIOR TO GROUTING SOLID.

HOLLOW METAL DOOR (AS SCHEDULED)

12"

2"

2" 2" 2"

6"

INTERIOR

DH2

EXTERIOR

HOLLOW METAL DOOR (AS SCHEDULED)

HOLLOW METAL FRAME (AS SCHEDULED) GROUT SOLID, EXTERIOR: PRIMED AND PAINTED / INTERIOR: MASTIC COATING, PRIOR TO GROUTING SOLID.

CONTINUOUS SEALANT ON BACKER ROD (EACH SIDE)

JAMB ANCHORS EACH SIDE. COUNTERSUNK INTO DIMPLED DOOR FRAME

4"

6"

1 1/2"

W/ TRANSOM

GLAZED ALUMINUM STOREFRONT SYSTEM
ALUMINUM BREAK-METAL PANEL BY STOREFRONT MFR. (FRONT & BACK)
STEEL TUBE LINTEL (ENGINEERING BY STOREFRONT MFR.)
GLAZED ALUMINUM ENTRANCE DOOR AND GLAZING PER SCHEDULE.

SEALANT ON BACKER ROD (BOTH SIDES)
MINERAL WOOL INSULATION
ANCHORAGE BY STOREFRONT MFR.

EXTERIOR **SHX1** **INTERIOR**

GLAZED ALUMINUM ENTRANCE DOOR AND GLAZING PER SCHEDULE.
ADA-COMPLIANT ALUMINUM THRESHOLD WITH WEATHERSTRIPPING. SET IN FULL BED OF SEALANT WITH COUNTERSUNK FASTENERS CHAMFERED EDGE.

WALL BEYOND JAMB BEYOND
FINISHED FLOOR (PER SCHEDULE) ON CONCRETE SLAB

EXTERIOR **SSX1** **INTERIOR**

SHN1

- EQ, EQ
- 5/8" GYPSUM BOARD ON METAL STUDS PER PARTITION TYPE DEFINITION
- METAL CORNER BEAD (TYP.)
- CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM
- GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE
- 4 1/2"

SHN2

- 4 1/2"
- GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE
- GLAZED ALUMINUM ENTRANCE SYSTEM, GLAZING PER SCHEDULE

SJN1

- 4 1/2"
- GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE
- CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM
- 5/8" GYPSUM BOARD ON METAL STUDS PER PARTITION TYPE DEFINITION
- 4 7/8"

SJN2

- 4 1/2"
- GLAZED ALUMINUM ENTRANCE SYSTEM, GLAZING PER SCHEDULE
- GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE
- CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM
- METAL CORNER BEAD (TYP.)
- 5/8" GYPSUM BOARD ON METAL STUDS PER PARTITION TYPE DEFINITION
- 4 7/8"

INTERIOR **DH4** **EXTERIOR**

INTERIOR **DJ4** **EXTERIOR**

INTERIOR **DS4** **EXTERIOR**

[illegible]

EXTERIOR STOREFRONTS

The image contains two architectural drawings of exterior storefronts, labeled **SJX3** and **SSY3**.

Top Drawing (SJX3): This drawing shows a cross-section of a storefront. The left side is labeled **INTERIOR** and the right side is labeled **EXTERIOR**. A dimension of **8"** is indicated for the width of the top section. On the interior side, labels point to the **CAULKING CONT. METAL CORNER BEAD** and the **INSERT SILL PAN FLASHING INTO JOINT A SLAB EDGE BELOW**. On the exterior side, labels point to the **FLASHING INTO JOINT A SLAB EDGE BELOW**, **REFER TO DETAIL SJX2 FOR TYPICAL COMPONENTS FOR JAM DETAIL**, and the **TILT-UP CONCRETE WALL**. The drawing shows a concrete wall with a window opening, with various flashing and sealant details.

Bottom Drawing (SSY3): This drawing shows a cross-section of a storefront. The left side is labeled **INTERIOR** and the right side is labeled **EXTERIOR**. A dimension of **8"** is indicated for the width of the top section. On the interior side, labels point to the **FACE OF BACK SIDE OF TILT WALL WITHIN STUD CAVITY**, **GLAZED ALUMINUM STOREFRONT SYSTEM GLASS PER SCHEDULE**, **INSERT SILL PAN FLASHING INTO JOINT A SLAB EDGE BELOW**, **CHAMFERED EDGE (SEE DETAIL SSX1)**, **CONCRETE PAVING**, and **URETHANE SEALANT ALONG CONTINUOUS COMPRESSIBLE FILLER**. On the exterior side, labels point to the **FACE OF BACK SIDE OF TILT WALL WITHIN STUD CAVITY**, **GLAZED ALUMINUM STOREFRONT SYSTEM GLASS PER SCHEDULE**, **INSERT SILL PAN FLASHING INTO JOINT A SLAB EDGE BELOW**, **CHAMFERED EDGE (SEE DETAIL SSX1)**, **CONCRETE PAVING**, and **URETHANE SEALANT ALONG CONTINUOUS COMPRESSIBLE FILLER**. The drawing shows a concrete wall with a window opening, with various flashing and sealant details.

SSN1

STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE

CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM

CONCRETE SLAB. REFER TO FINISH PLAN FOR FLOORING.

GLAZED ALUMINUM ENTRANCE, DOOR AND GLAZING PER SCHEDULE.

SADDLE THRESHOLD PER HARDWARE SETS

CONCRETE SLAB. REFER TO FINISH PLAN FOR FLOORING.

INTERIOR SSN3 INTERIOR

SSN2

SETTING BLOCK (TYP. AT SILLS)

GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE

CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM

5/8" GYPSUM BOARD ON METAL STUDS PER PARTITION TYPE DEFINITION

METAL CORNER BEAD (TYP.)

CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM

GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE

5/8" GYPSUM BOARD ON METAL STUDS PER PARTITION TYPE DEFINITION

SJN3

CONTINUOUS SEALANT ON BACKER ROD (BOTH SIDES) AT 1/4" SHIM

METAL CORNER BEAD (TYP.)

5/8" GYPSUM BOARD ON METAL STUDS PER PARTITION TYPE DEFINITION

GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE

GLAZED ALUMINUM ENTRANCE, GLAZING PER SCHEDULE

SJN4

EXTERIOR

METAL CORNER BEAD

EXTRUDED ALUMINUM SILL PAN BY STOREFRONT MFR. ANCHOR TO SUBSTRATE PER FPA TEST REPORT.

END DAM OF SILL PAN BEYOND CONT. P. T. WOOD BLOCKING. ANCHORAGE PER FPA TEST REPORT

S.A.T.M. RUNS CONTINUOUS TO WRAP OPENING. ENSURE SUBSTRATE IS PRIMED AND MEMBRANE IS APPLIED PER MANUF. REQUIREMENTS REGARDING THE USE OF A WEIGHTED ROLLER

INTEGRAL WEEP HOLES BY STOREFRONT MFR. DO NOT BLOCK WITH SEALANT.

SEALANT ON BACKER ROD CONT. (BOTH SIDES)

BREAK-METAL ALUMINUM SILL PAN SET IN FULL BED OF BUTYL SEALANT. HEM FRONT EDGE AND SLOPE EDGE OUTWARD TO EXTERIOR

AIR BARRIER SEALANT (CONT. ALONG EDGE OF S.A.T.M.)

INTERIOR

INSIDE FACE OF TILT WALL BEYOND

GLAZED ALUMINUM STOREFRONT SYSTEM. GLAZING AS INDICATED ON EXTERIOR STOREFRONT TYPES.

BREAK-METAL ALUMINUM SILL PAN WITH TURNED-UP BACK AND ENDS. SEAL ALL SPLICES AND CORNERS.

CAULKING CONT. AROUND STOOL PERIMETER

SSM STOOL WITH 1/8" EASED EDGE

2x4 P.T. PL-WOOD BLOCKING. ALIGN TOP WITH TILT WALL OPENING

CAULKING CONT.

3 5/8" METAL STUD FRAMING AT PERIMETER OF ALL OPENINGS

1 5/8" VERTICAL METAL STUDS BEYOND

S.A.T.M. WRAPS TILT PANEL OPENING

SSX2

EXTERIOR

INTERIOR

GENERAL NOTE:
REFER TO DOOR AND WINDOW MANUFACTURERS' "FLORIDA PRODUCT APPROVAL" TEST REPORTS FOR ASSEMBLIES AND ANCHORAGE DETAIL REQUIREMENTS.

GENERAL NOTE:
REFER TO DOOR AND WINDOW MANUFACTURERS' "FLORIDA PRODUCT APPROVAL"
TEST REPORTS FOR ASSEMBLIES AND ANCHORAGE DETAIL REQUIREMENTS.