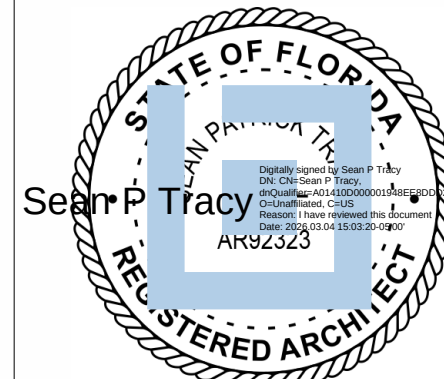


COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING B - TRUCK STOCK

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

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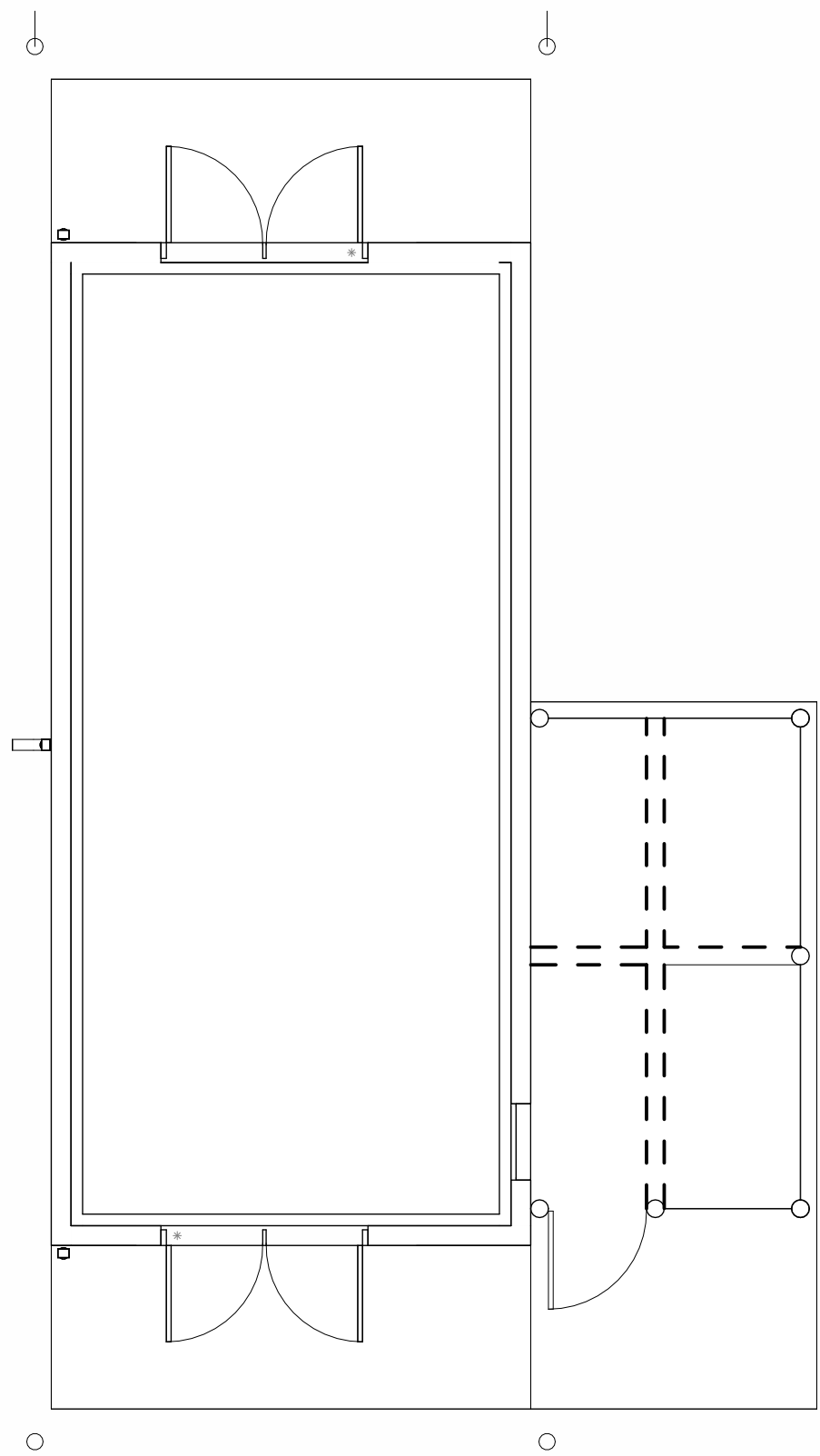
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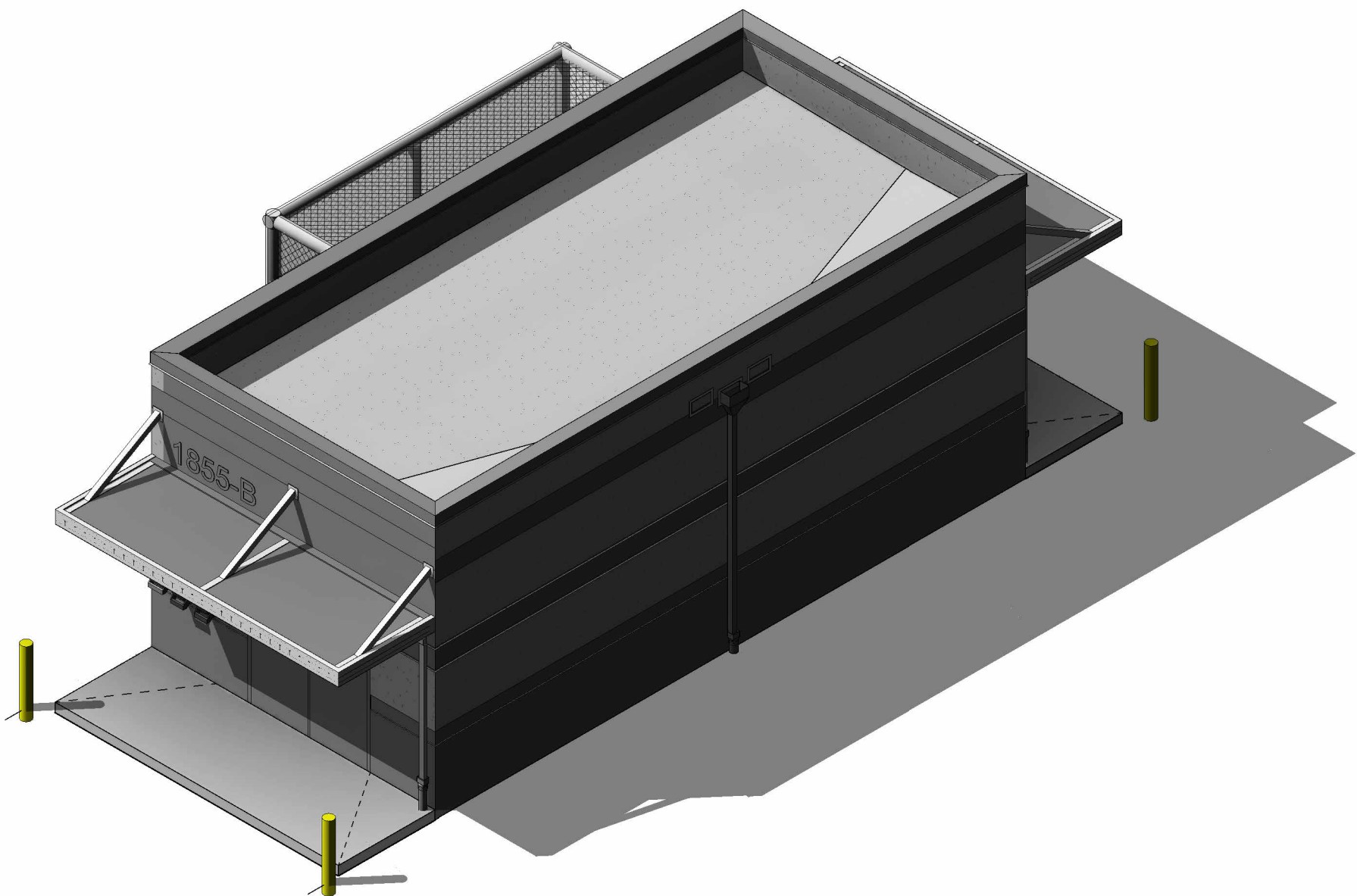
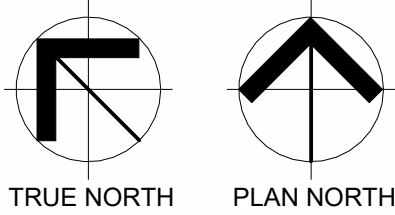
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COVER SHEET

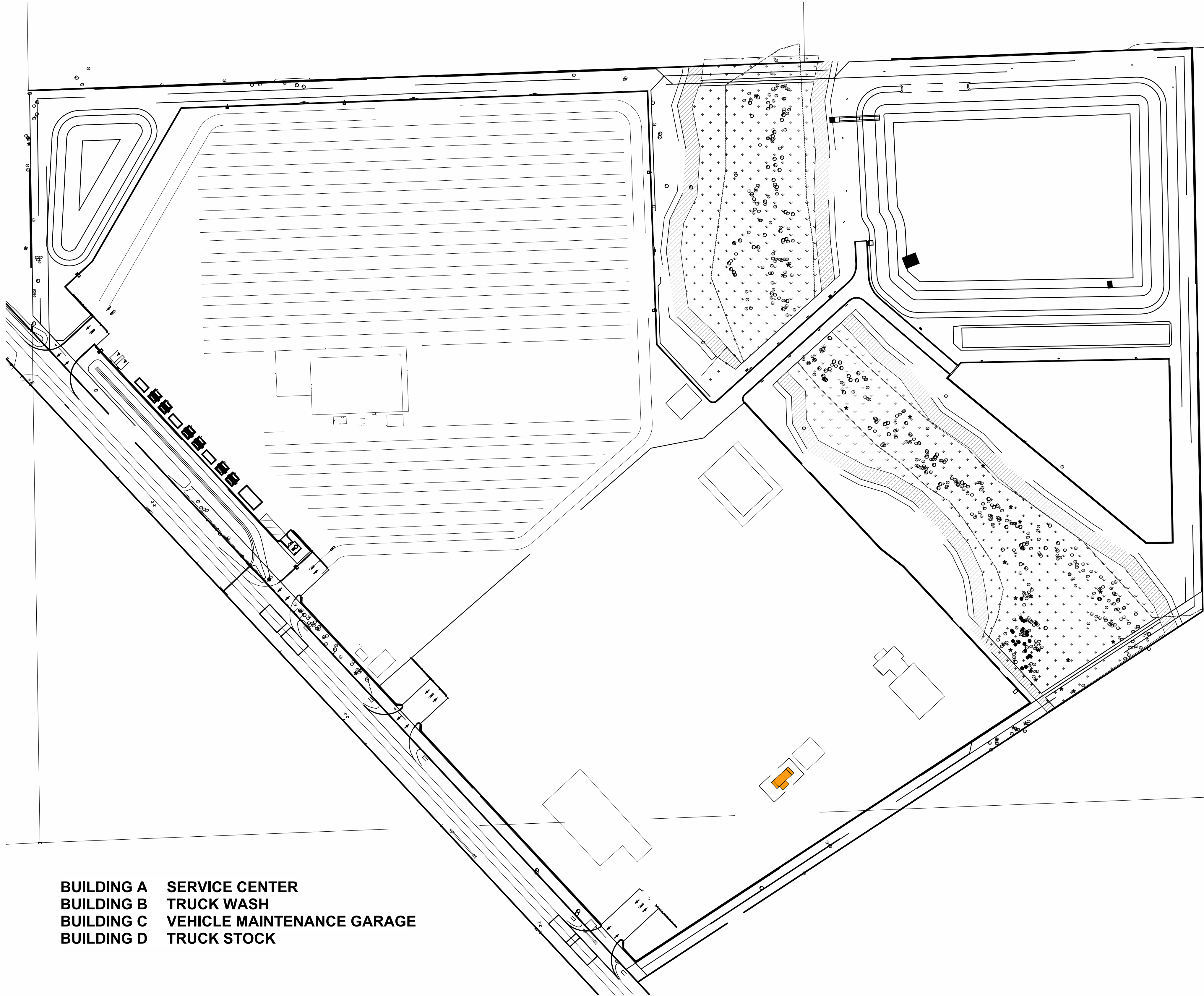
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B-G000



KEY PLAN - BUILDING B



3D VIEW - BUILDING B



BUILDING A SERVICE CENTER
BUILDING B TRUCK WASH
BUILDING C VEHICLE MAINTENANCE GARAGE
BUILDING D TRUCK STOCK

COVER SHEET PLAN
1" = 100'-0"

NOTE: REFER TO CIVIL DRAWINGS FOR SITE PERMIT DOCUMENTS.

OWNER

FLORIDA POWER & LIGHT COMPANY

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(561) 339-5349

JOEL JONES

ARCHITECTURE

LITTLE

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SEAN TRACY

CIVIL/LANDSCAPE

KIMLEY HORN

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CARDINAL ENGINEERING ASSOCIATES,
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(561) 746-6343

SCOTT RAYNOR

ELECTRICAL

CARDINAL ENGINEERING ASSOCIATES,
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PORT ST. LUCIE, FL 34986
(561) 746-6343

DAVID LITHGOW

SYMBOLS

ARCHITECTURAL ELEMENTS

[illegible]

SHEET NUMBERING LEGEND

SHEET NUMBER STRUCTURE

BUILDING DESIGNATOR
 DISCIPLINE DESIGNATOR
 SHEET TYPE DESIGNATOR
 SHEET SUB-TYPE DESIGNATOR
 SHEET SEQUENCE NUMBER
 / BUILDING LEVEL

DISCIPLINE DESIGNATORS

G	GENERAL / LIFE SAFETY	0	GENERAL INFORMATION
H	HAZARDOUS MATERIALS	1	PLANS
V	SURVEY / MAPPING	2	ELEVATIONS
B	GEO TECHNICAL	3	SECTIONS
C	CIVIL	4	ENLARGEMENTS
L	LANDSCAPE	5	DETAILS
A	ARCHITECTURE	6-9	(VARIES BY DISCIPLINE)
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	CP	CARPET	INCL	INCLUDE(D), (ING)	SHR	SHOWER
1	PLANS	CR	CARD READER	INSUL	INSULATED(D), (ING)	SHR	SIMILAR
2	ELEVATIONS	CRB	COVER RUBBER BASE	INT	INTERIOR	SPEC	SPECIFICATION(S)
3	SECTIONS	CT	CERAMIC OR PORCELAIN TILE			SSM	STAINLESS STEEL
4	ENLARGEMENTS	CTR	CENTER	JAN	JANITOR'S CLOSET	SSM	SOLID SURFACE MATERIAL
5	DETAILS	D	DRYER	JT	JOINT	ST	STONE
6-9	(VARIES BY DISCIPLINE)	DBL	DOUBLE	KIT	KITCHEN	STD	STANDARD
		DEG	DEGREE	KPL	KICK PLATE	STOR	STORAGE
		DEMO	DEMOLISH / DEMOLITION			STR	STRUCTURE
		DET, DTL	DETAIL	L	LENGTH	SUSP	SUSPENDED CEILING
		DR	DIAMETER	LAM	LAMINATE(D)	SUSP	SHEET VINYL
		DM	DIMENSION	LBL	LABEL	SYS	SYSTEM
		DR	DOOR	LCKR	LOCKER		
		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		
		EOS	EDGE OF SLAB	MFR	MANUFACTURE(R)	VB	VINYL BASE
		EP	EPOXY FLOORING	MIN	MINIMUM	VCT	VINYL COMPOSITE TILE
		EQ	EQUAL(LY)	MISC	MISCELLANEOUS	VERT	VERTICAL(LY)
		EQPT	EQUIPMENT	MP	METAL PANEL	VIF	VERIFY IN FIELD
		EW	EACH WAY	MTD	MOUNTED	VIN	VINYL
		EWC	ELECTRIC WATER COOLER	MTL	METAL	VT	VINYL TILE
		EXIST	EXISTING	MULL	MULLION	VWC	VINYL WALL COVERING
		EXP	EXPANSION	MWK	MILLWORK		
		EXT	EXTERIOR			W	WIDTH
				N	NORTH	W	WITH
		FAAP	FIRE ALARM ANNUNCIATOR PANEL	NIC	NOT IN CONTRACT	W/O	WITHOUT
		FACP	FIRE ALAM CONTROL PANEL	NO, #	NUMBER	WB	WOOD BASE
		FBO	FURNISHED BY OTHERS	NR	NOISE REDUCTION	WC	WATER CLOSET
		FBC	FIRE DEPARTMENT CONNECTION	NRC	NOISE REDUCTION COEFFICIENT	WD	WOOD
		FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	WGT	WEIGHT
		FEC	FIRE EXTINGUISHER CABINET			WIN	WINDOW
		FF	FINISH FLOOR	OC	ON CENTER	WM	WALK-OFF MAT/ FLOORING
		FIN	FINISH(ED)	OFF	OFFICE	WTW	WALL TO WALL
		FLR	FLOORING	OH	OPPOSITE HAND		
		FLUOR	FLUORESCENT	OPNG	OPENING		
		FO	FACE OF	OTD	OPEN TO DECK		
		FOB	FACE OF BRICK				

GENERAL NOTES: CONSTRUCTION

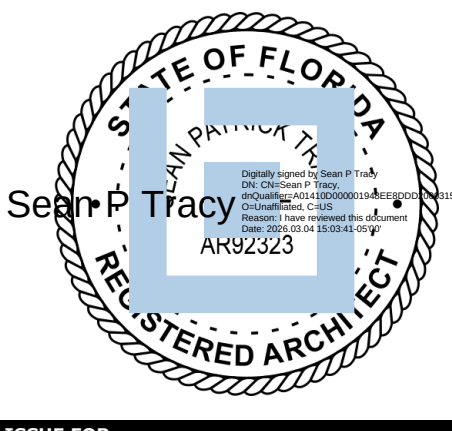
1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SITE, FIELD AND BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS AND COMMENCING WORK. DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS. CONFER WITH CONSTRUCTION MANAGER AND ARCHITECT/ENGINEER FOR RESOLUTION.
2. DO NOT SCALE DRAWINGS. ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES, DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON FLOOR PLANS. IN CASE OF CONFLICT, NOTIFY ARCHITECT. FIELD VERIFY ALL DIMENSIONS.
3. CONTRACTOR SHALL FURNISH ALL ADDITIONAL DATA, PARTS AND DOCUMENTATION TO SECURE ALL REQUIRED PERMITS AND SHALL COORDINATE THIS DATA AND DOCUMENTATION WITH THE CONSTRUCTION DOCUMENTS WHEN REQUIRED.
4. 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.
5. FIRE-RATED GYPSUM WALL ASSEMBLIES - THE CONTRACTOR SHALL PROVIDE FOR THE FOLLOWING:
 - a. A COMBUSTIBLE MATERIAL SHALL ABSOLUTELY NOT BE ALLOWED TO PENETRATE THE FIRE-RATED GYPSUM WALL MEMBRANE (ASSEMBLY). THIS INCLUDES PARTITIONS, STUDS OF NON-RATED PARTITIONS WITH FIRE-RATED PARTITIONS.
 - b. FIRE-RATED WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TESTING AGENCY SPECIFICATION SHOWN ON THESE DRAWINGS. NO DETAIL OR JOINT SHALL BE ALLOWED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT AND PERMITTING AGENCY.
 - c. STUD OR JOIST SPACING SHALL BE THE MINIMAL VALUES, IE: STUD OR JOIST SPACING CANNOT EXCEED THE TESTED ASSEMBLY SPECIFICATION. STUD AND JOISTS ARE MINIMUMS.
 - d. 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.
 - e. 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.
6. ANY DISTURBED OR NEWLY CONSTRUCTED FIRE-RATED WALL ASSEMBLIES SHALL BE IDENTIFIED AS FOLLOWS:
 - a. 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 1' 0" 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.
7. AROUND ALL EXPOSED PIPES, CONDUIT OR DUCTS, INSTALL ENCLOSURES OF THE SAME MATERIAL AND FINISH AS ADJACENT WORK, UNLESS NOTED OTHERWISE.
8. 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.
9. 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.
10. FINISHES SHOWN IN SCHEDULE TO EXTEND OVER, UNDER AND BEHIND CABINETS, COUNTERS, EQUIPMENT, FURNISHINGS, CHALK AND TACK BOARDS, RACKS, AND FIXTURES APPROXIMATELY 1" x 2", WALLS BEHIND SAME TO BE FILLED AND PRIMED.
11. WALL FINISHES SHALL INCLUDE ALL PROJECTIONS, RECESSES, COLUMNS, ENCLOSURES, BULKHEADS AND SOFFITS.
12. 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.
13. CEILING FINISHES SHALL INCLUDE ALL PROJECTIONS, BEAMS, BULK ENCLOSURES, BULKHEADS AND SOFFITS.
14. SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL VERTICAL AND HORIZONTAL MASONRY WALL REINFORCEMENT.
15. 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.
16. CONSULT PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND DESCRIPTION OF ACCESS PANELS, LOUVER OPENINGS, VENTILATORS, GRILLES, REGISTERS, PANELS, VALVE CABINETS, DRINKING FOUNTAINS, ETC.
17. 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 CALLED FOR BY WALL MOUNTING SHALL NOT BE INSTALLED ON, THROUGH OR INTO ANY OTHER EQUIPMENT UNLESS SPECIFICALLY INTENDED FOR. VERIFY MOUNTING HEIGHTS WITH ADA REQUIREMENTS.
18. 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 ALARMS, CONTROL PANELS, BUILDING MAINTENANCE SYSTEM AND BI-DIRECTIONAL AMPLIFIER (BDA) EMERGENCY RADIO SYSTEM.
19. 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.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

201 South Orange Ave, Suite 800

www.littleonline.com

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

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING B -
TRUCK STOCK

1855 NW COUNTY ROAD 25
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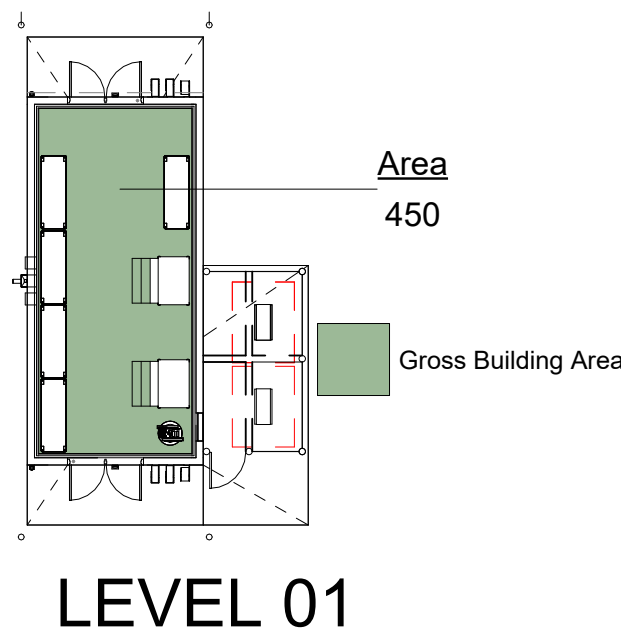
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ABBREVIATIONS,
SYMBOLS, GENERAL
NOTES

SHEET NUMBER

B-G001

F



E

D

C

B

A

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

PROJECT INFORMATION

Name of Project: COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING G - TRUCK STOCK
Address: COUNTY ROAD 25A, LAKE CITY, FL Zip Code: 32055
Proposed Use: S-2 (STORAGE)
Owner/Authorized Agent: JOEL JONES Phone #: 561.339.5349 E-mail: joel.jones@fpl.com
Owned By: ☐ City/County ☒ Private ☐ School Board ☐ State
Code Enforcement Jurisdiction: ☐ City ☒ County ☐ School Board ☐ State

DESIGN PROFESSIONAL INFORMATION

LEAD DESIGN PROFESSIONAL LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING
DESIGNER FIRM NAME LICENSE # PHONE # INCLUDE EXT. E-MAIL
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Electrical CARDINAL DAVID LITHGOW 502-326-3085 david@ceengineers.com
Fire Alarm CARDINAL 407-767-5188
Plumbing CARDINAL SCOTT RAYNOR rsnaynor@ceengineers.com
Mechanical CARDINAL 502-475-5945
Sprinkler-Standpipe JERZINAC RONALD JERZINAC 704-561-7561 rjzerinac@jezerinacgroup.com
Structural JERZINAC
Retaining Walls >6' 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): XXXX
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) ☐ No ☐ Yes
Building Height: Feet: 12' - 5' -

Gross Building Area (SQ FT): 450 SF

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
☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
Utility & Miscellaneous ☐ U

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
☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
Utility & Miscellaneous ☐ U

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:

Mixed Occupancy: ☐ 510.2 ☐ 510.3 ☐ 510.4 ☐ 510.5 ☐ 510.6 ☐ 510.7 ☐ 510.8 ☐ 510.9
☐ No ☐ Yes Separation: .../... 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.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

BUILDING #	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA	(C) AREA FOR FRONTAGE INCREASE ¹	(D) AREA FOR SPRINKLER INCREASE ²	(E) ALLOWABLE AREA OR UNLIMITED ³	(F) MAXIMUM BUILDING AREA ⁴
LEVEL 01	S-2 (STORAGE)	450 SF	26,000 SF	-	-	26,000 SF	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

¹SPRINKLERED

¹Frontage area increases from Section 506.2 are computed thus:

- Perimeter which fronts a public way or open space having 20 feet minimum with = _____ (F)
- Total Building Perimeter = _____ (P)
- Ratio (F/P) = _____ (F/P)
- W = Minimum with of public way = _____ (W)
- Percent of frontage increase I = (F/P + 0.25) x W/30 = _____ %

²The sprinkler increase per Section 506.3 is as follows:

- Multi-story building I = 200 percent
- 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

- 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 (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/2026	DOORS
10356.4	FLUSH DOUBLE DOOR WITH GLAZING	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/2026	DOORS
10356.2	FLUSH SINGLE DOOR	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/2022	DOORS
10356.3	FLUSH SINGLE DOOR WITH GLAZING	WIND / STATIC PRESSURE	STEELCRAFT (ALLLEGION-SCHLAGE)	-	2/11/2025	12/31/2022	DOORS
18375-R4	ROLL-UP DOOR	WIND / IMPACT	THE COOKSON COMPANY	ESD20	6/26/2024	4/24/2028	DOORS
GLAZING							
12926.2	STOREFRONT SYSTEMS	WIND	YKK AP AMERICA	YES 45 FI	10/14/2025	12/31/2026	GLAZING
47823.3	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	JOHN'S 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: 55'-0"	Feet: 12'-5"	
Building Height in Stories	Stories: 3	Stories: 1	

FIRE PROTECTION REQUIREMENTS

Life Safety Plan Sheets: REFER TO G SERIES

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REDO	RATING PROVIDED (w/...)*	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 (SEE TABLE 603 FOR FIRE SEPARATION DISTANCES)							
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 909)	NA	NA					
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, Level Two = G112

- 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) = **300'**
- Common path of travel distances (1006.2.1) = **100'**
- Common path of travel in assembly spaces = 30' max. from any seat to a choice of two exits (> 50 occupants)
- Dead end lengths (1020.4) = **20'** or **2.5 times the least 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 ¹	DRINKING FOUNTAINS
	MALE	FEMALE		MALE	FEMALE		
LEVEL 01	X	X		X	X		X
BUSINESS (X OCCUPANTS)							
EDUCATION (X OCCUPANTS)				X	X		
ASSEMBLED (X OCCUPANTS)							
STORAGE (X OCCUPANTS)							
LEVEL 02							
BUSINESS (X OCCUPANTS)							
EDUCATION (X OCCUPANTS)							
ASSEMBLED (X OCCUPANTS)							
STORAGE (X OCCUPANTS)							
Total Required	0	0	0	0	0	0	0
Total Provided	0	0	0	0	0	0	0

403.3 REQUIRED PUBLIC TOILET FACILITIES.

THERE ARE NO PUBLIC OR EMPLOYEES ASSOCIATED WITH STRUCTURE, THEREFORE, TOILET FACILITIES ARE NOT REQUIRED.

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

410.2 DRINKING FOUNTAINS - SMALL OCCUPANCES.

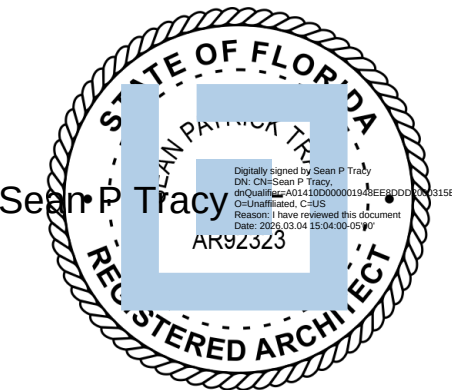
DRINKING FOUNTAINS SHALL NOT BE REQUIRED FOR AN OCCUPANT LOAD OF 15 OR FEWER

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ISSUE FOR
CONSTRUCTION
DOCUMENTS

ISSUE DATE

02/25/2026

REVISIONS

NO. REASON DATE

PROJECT NAME

PROJECT TEAM

PERSONAL IN CHARGE

SEAN TRACY

PROJECT MANAGER

BENJAMIN BOYLES

DESIGN TEAM

ORL-COMMUNITY

PROJECT NAME

COLUMBIA STORM

PROCESSING & SERVICE

CENTER - BUILDING B -

TRUCK STOCK

1855 NW COUNTY ROAD 25A,

LAKE CITY, FL

PROJECT NO.

814C632803

SHEET TITLE

BUILDING DATA &

CODE SUMMARY

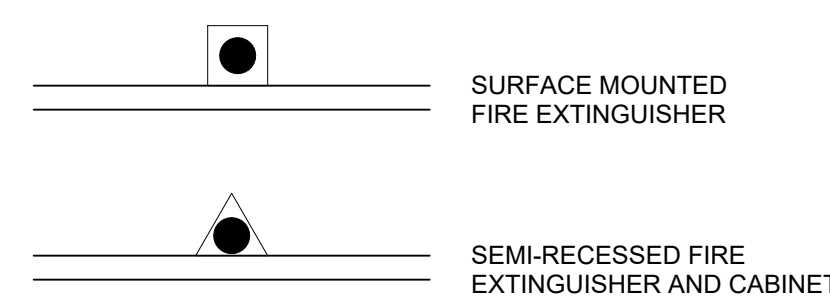
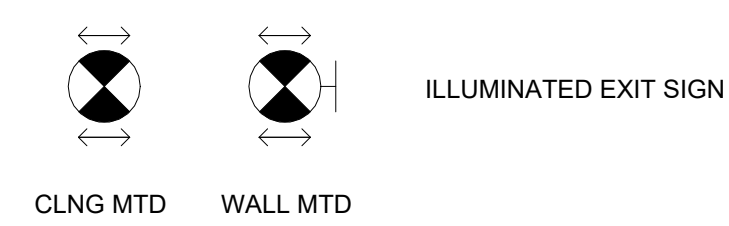
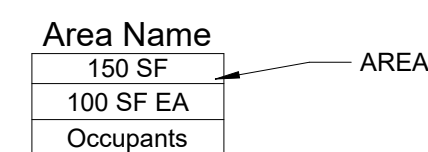
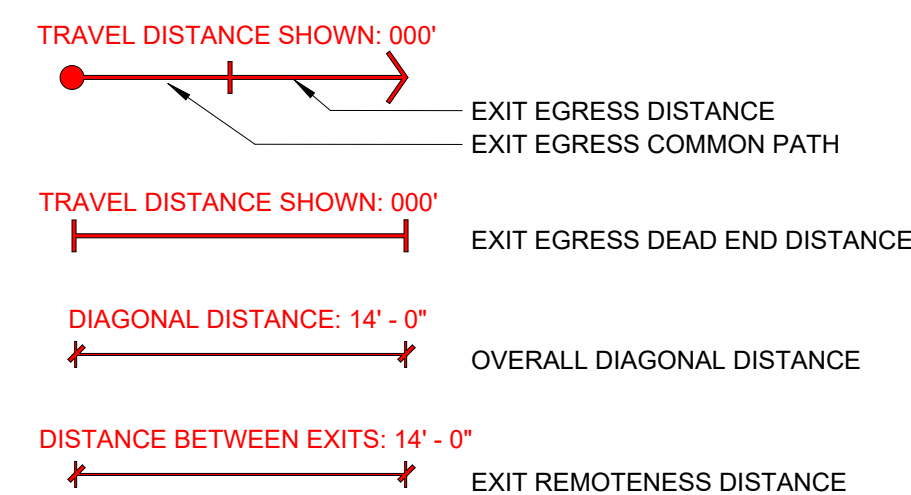
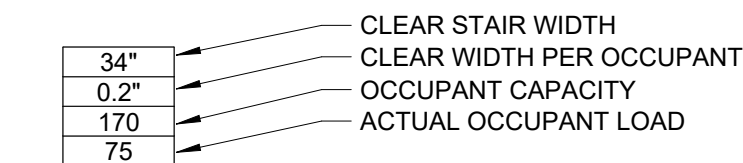
SHEET NUMBER

B-G002

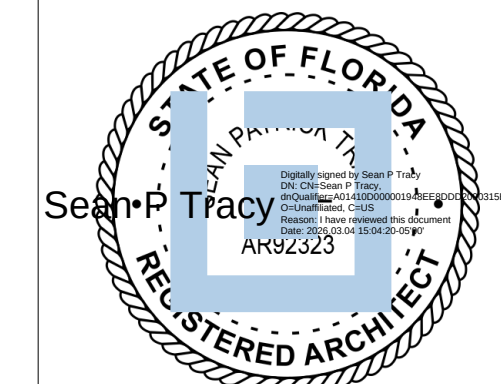
 MERCANTILE - STORAGE, STOCK, SHIPPING AREAS (GROSS)

34"	Yes	PANIC
0.2"	No	ACCESS
170	No	REQUEST
75	No	

CLEAR OPENING WIDTH
 CLEAR WIDTH PER OCCUPANT
 OCCUPANT CAPACITY
 ACTUAL OCCUPANT LOAD
 PANIC HARDWARE
 ACCESS CONTROL DEVICE
 (E.G. CARD READER)
 REQUEST TO EXIT



Barrier Type	Rating	Performance (Failures)
FIRE BARRIER	1-HOUR	3 failures
	2-HOUR	4 failures
	3-HOUR	5 failures
SMOKE PARTITION	0-HOUR	0 failures
FIRE WALL	2-HOUR	3 failures
	3-HOUR	4 failures
	4-HOUR	5 failures
SMOKE BARRIER	1-HOUR	6 failures



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REVISIONS		
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PROJECT TEAM
PRINCIPAL IN CHARGE SEAN TRACY
PROJECT MANAGER BENJAMIN BOYLES
DESIGN TEAM ORL-COMMUNITY
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COLUMBIA STORM
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CENTER - BUILDING B -
TRUCK STOCK

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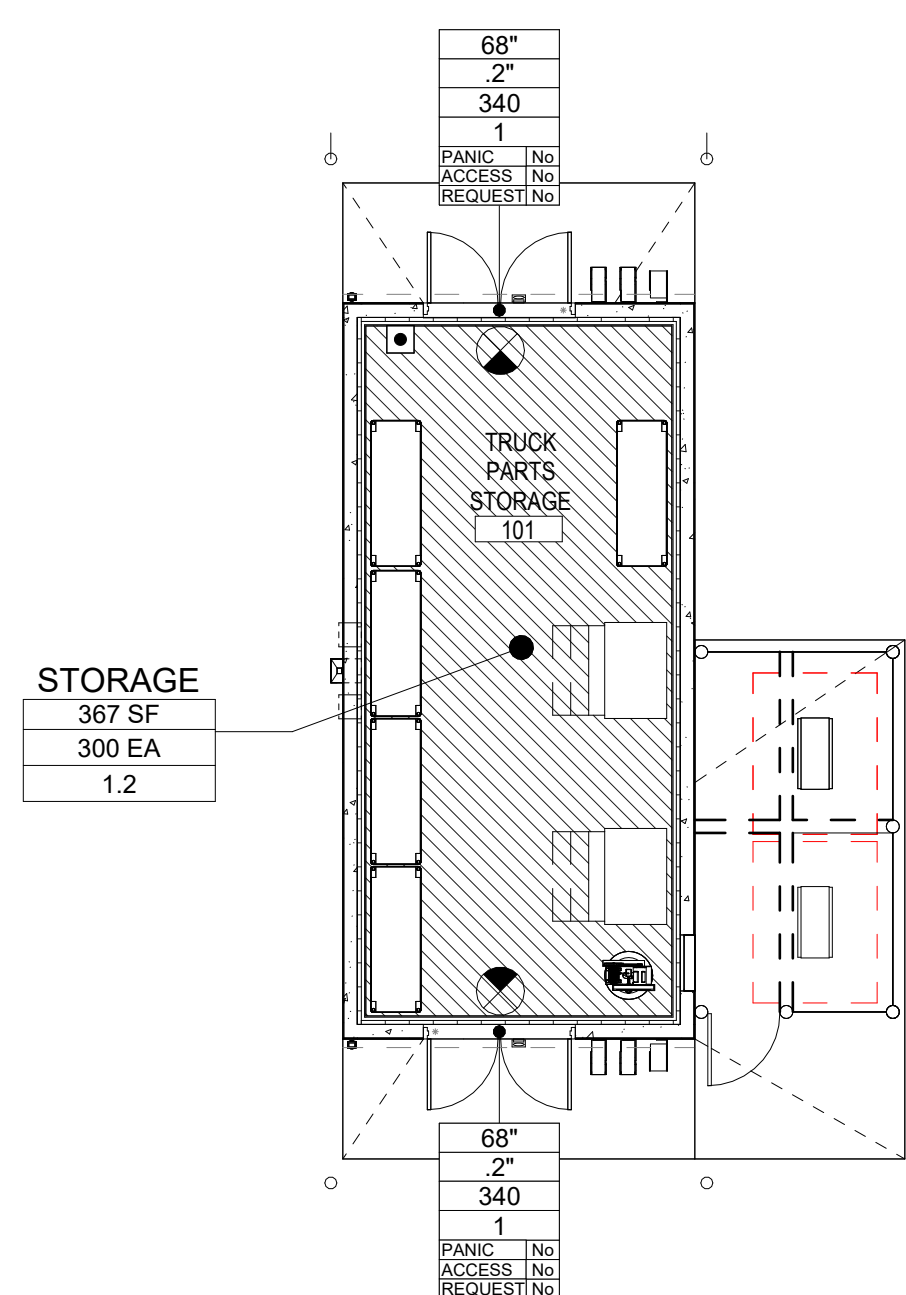
SHEET TITLE
LIFE SAFETY

SHEET NUMBER

B-G111

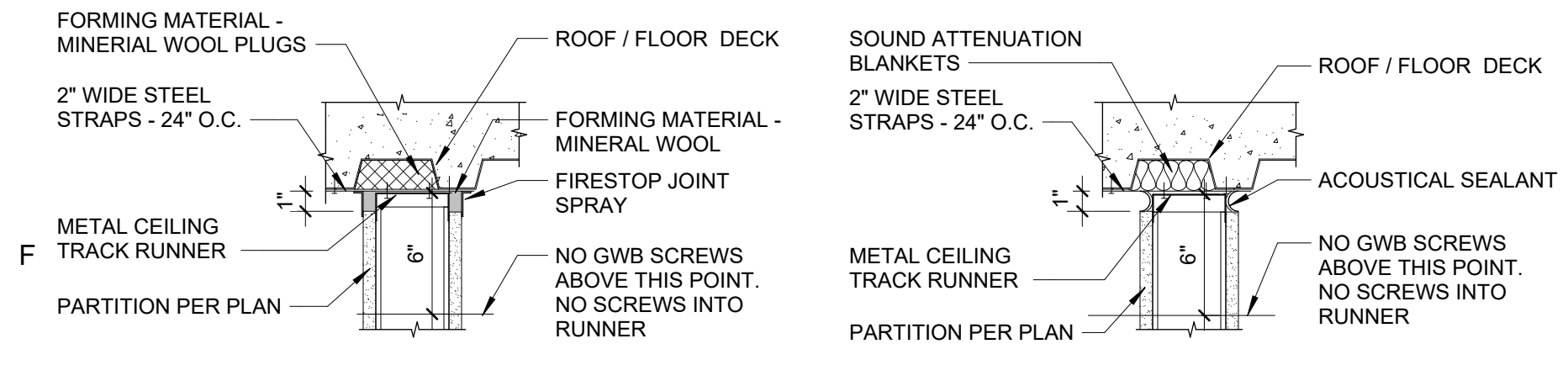
LEVEL 01 - OCCUPANT LOAD				
DESCRIPTION	FUNCTION (USE) OF SPACE	AREA	AREA PER OCCUPANT TEST	OCCUPANT LOAD
S-2				
STORAGE	MERCANTILE - STORAGE, STOCK, SHIPPING AREAS (GROSS)	367	300	2
LEVEL 01 OCCUPANT LOAD		367		2

LEVEL 01 - MEANS OF EGRESS SIZING1								
Occupant Load	EGRESS CAPACITY FACTOR		EXIT WIDTHS REQUIRED		EXIT WIDTHS PROVIDED		NUMBER OF EXITS	
	DOORS	STAIRS	DOORS	STAIRS	DOORS	STAIRS	REQUIRED	PROVIDED
2	0.20	0.30	34"	0"	136"	0"	1	1



1	LIFE SAFETY PLAN - LEVEL 01
B-G111	1/8" = 1'-0"

GWB HEAD CONDITIONS



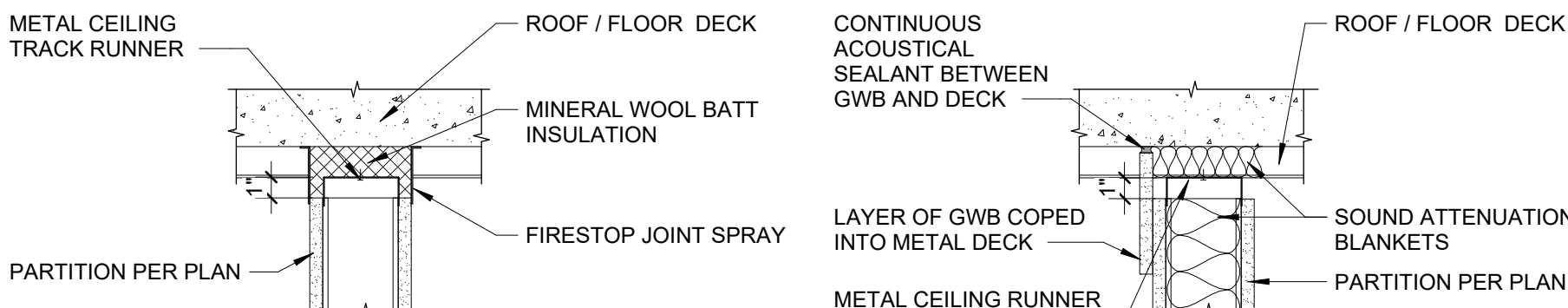
RATED HEAD CONDITION

NON RATED HEAD CONDITION

NON RATED HEAD CONDITION AT BEAM

HEAD - GWB - PARALLEL TO DECKING

1 1/2" = 1'-0"

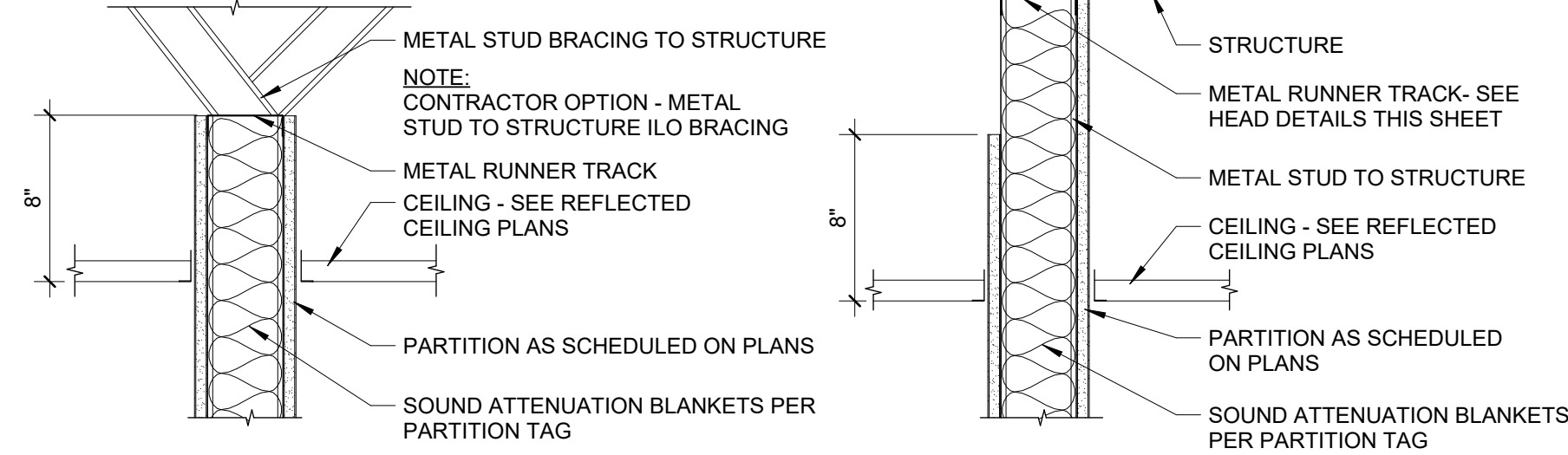


RATED CONDITION

NON - RATED CONDITION

HEAD - GWB - PERPENDICULAR TO DECK - COND. A

1 1/2" = 1'-0"



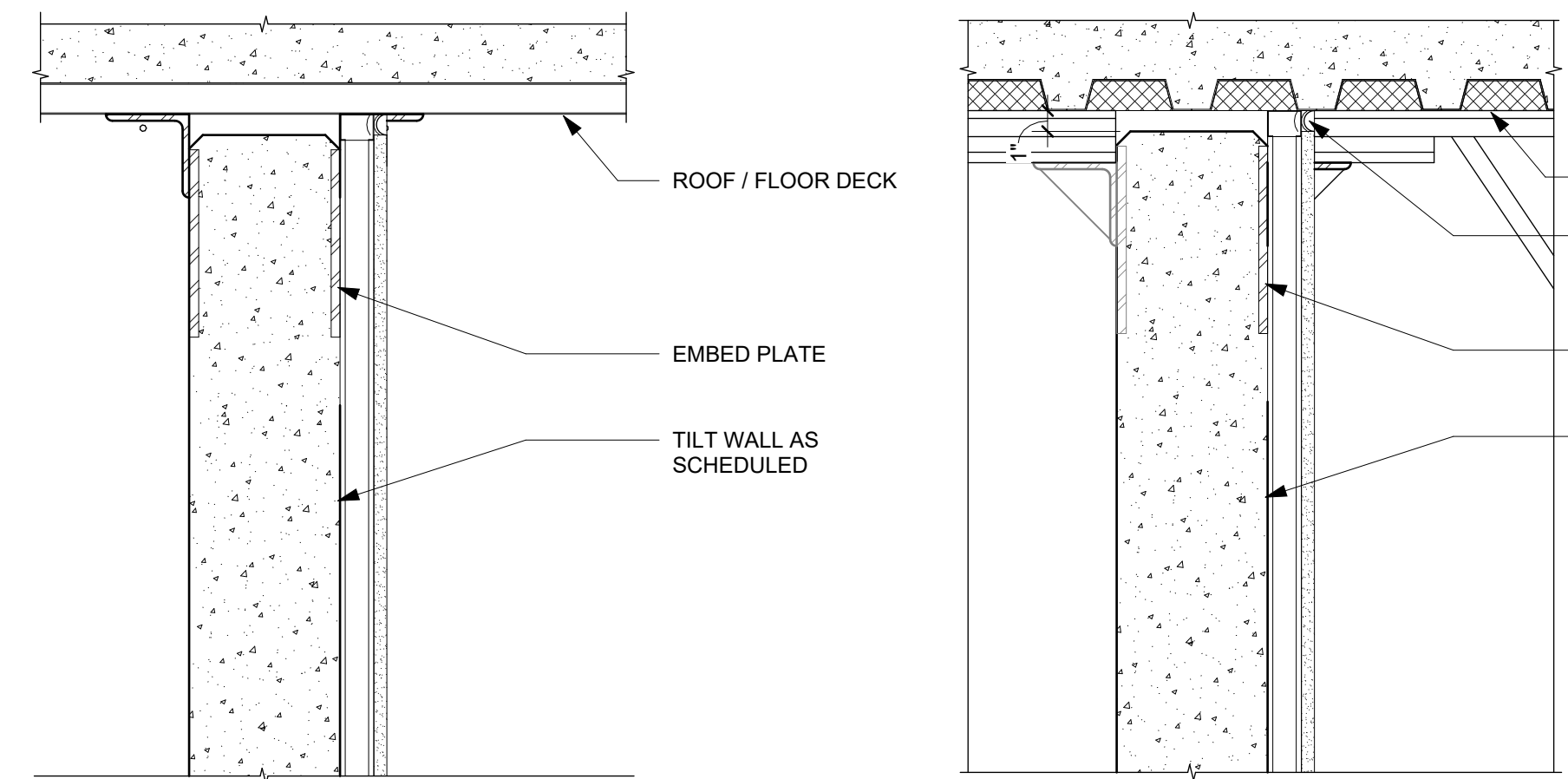
HEAD - GWB - COND. B(1)

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"

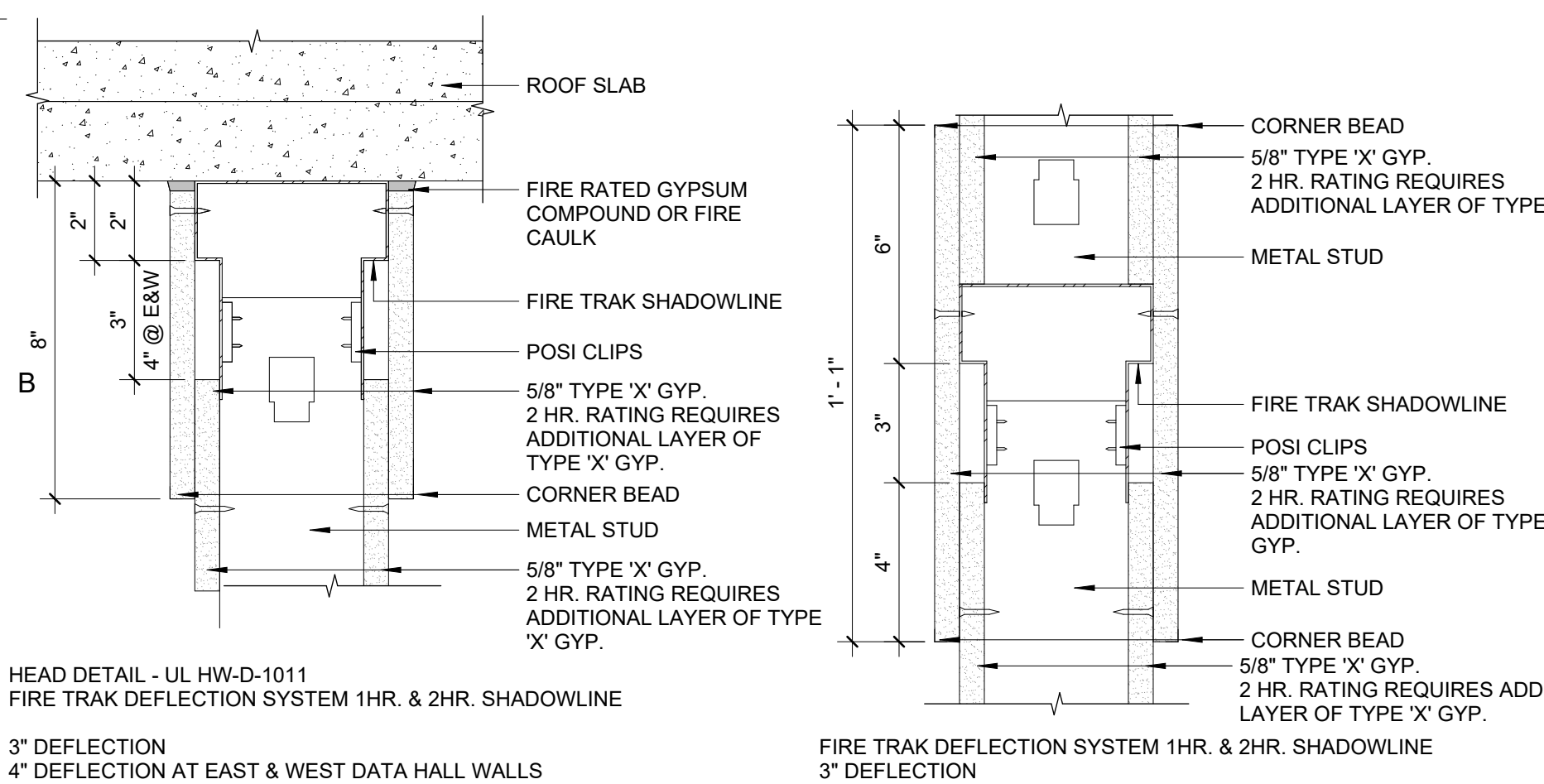
HEAD - FURRING - PARALLEL DECK

1 1/2" = 1'-0"

HEAD - FURRING - PARTIAL HEIGHT

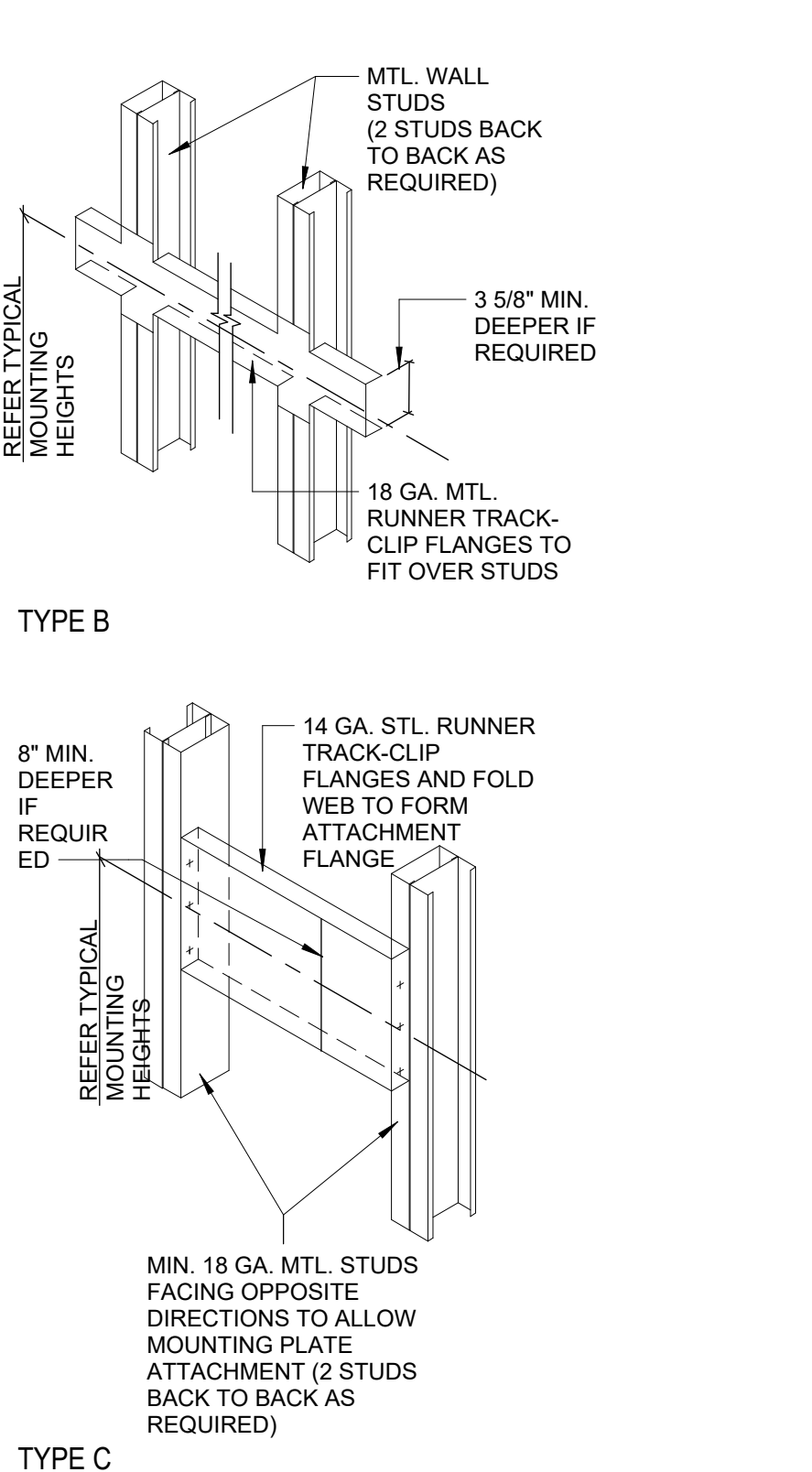
1 1/2" = 1'-0"

HEAD DETAILS



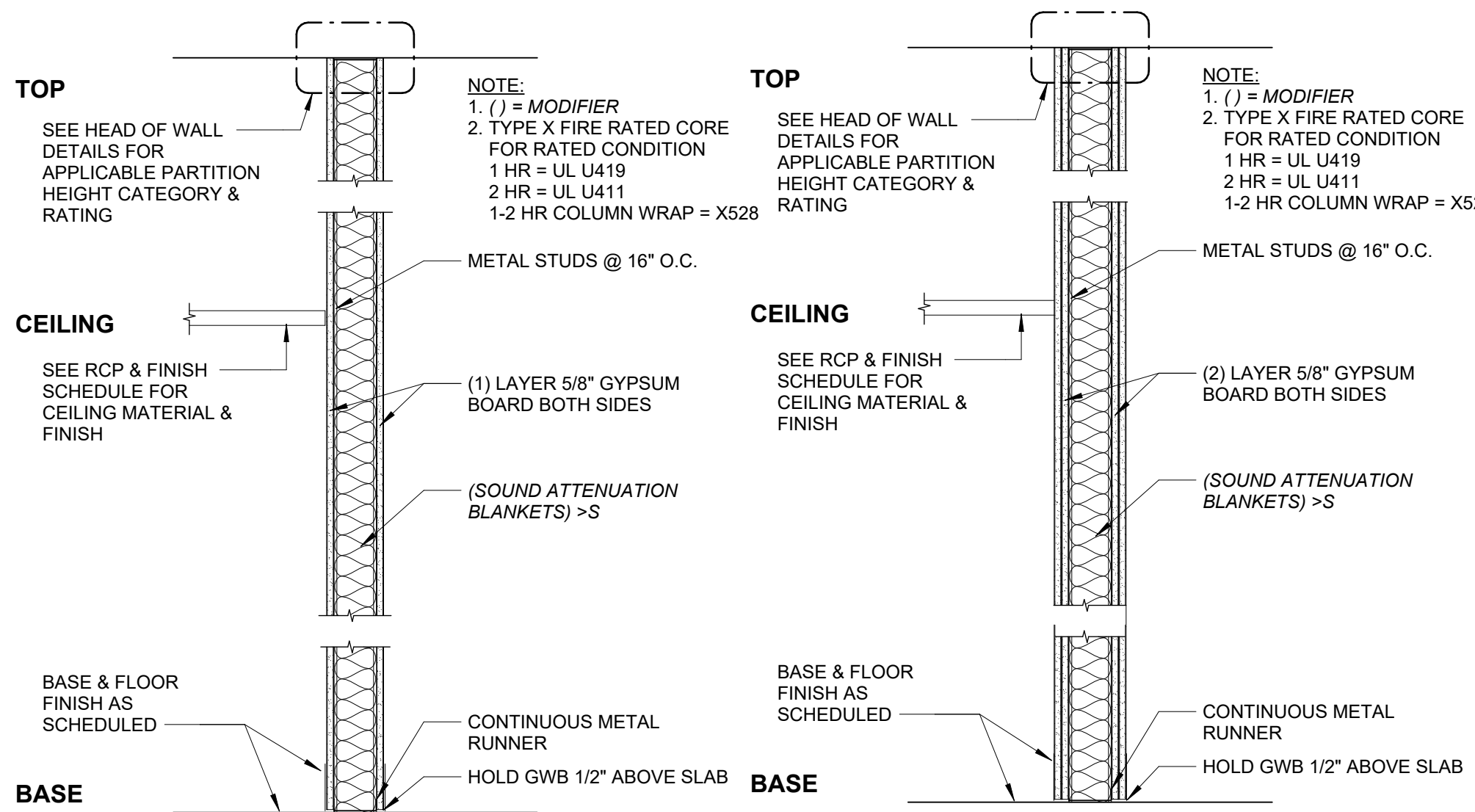
A

ACCESSORY/EQUIPMENT/KITCHEN BACKING



TYPE C

PARTITION TYPES

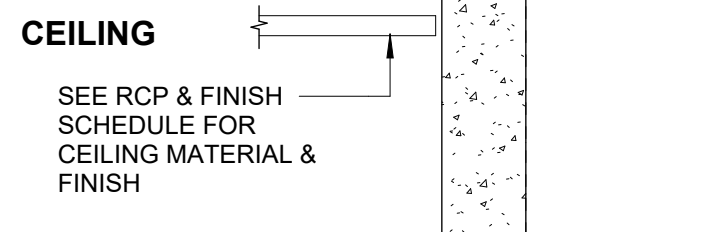
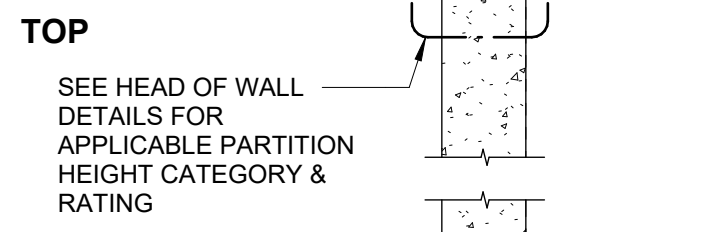


<XGXX> GWB - SLAB TO DECK (0-1HR)

1" = 1'-0"

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

1" = 1'-0"

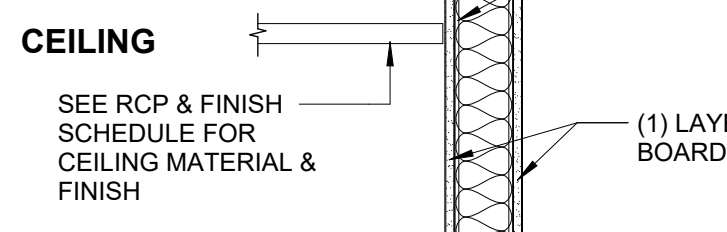
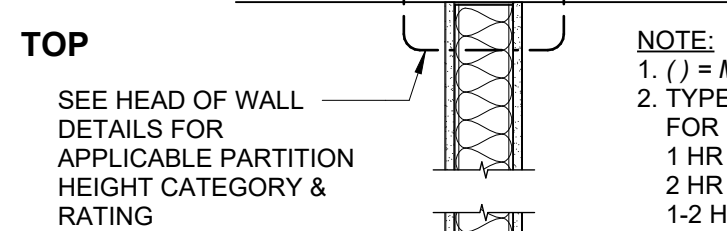


<XTXX> TILT WALL - SLAB TO DECK

1" = 1'-0"

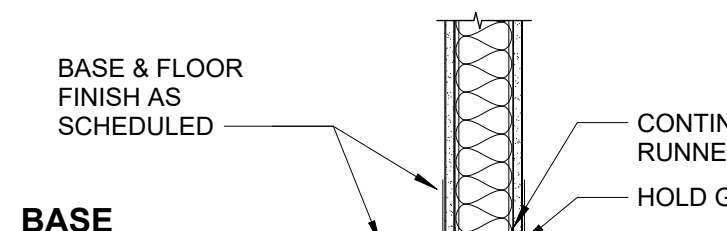
<XXXX>RI FURRING (INSULATED) - SLAB TO DECK

1" = 1'-0"



(UNCONDITIONED)

(CONDITIONED)



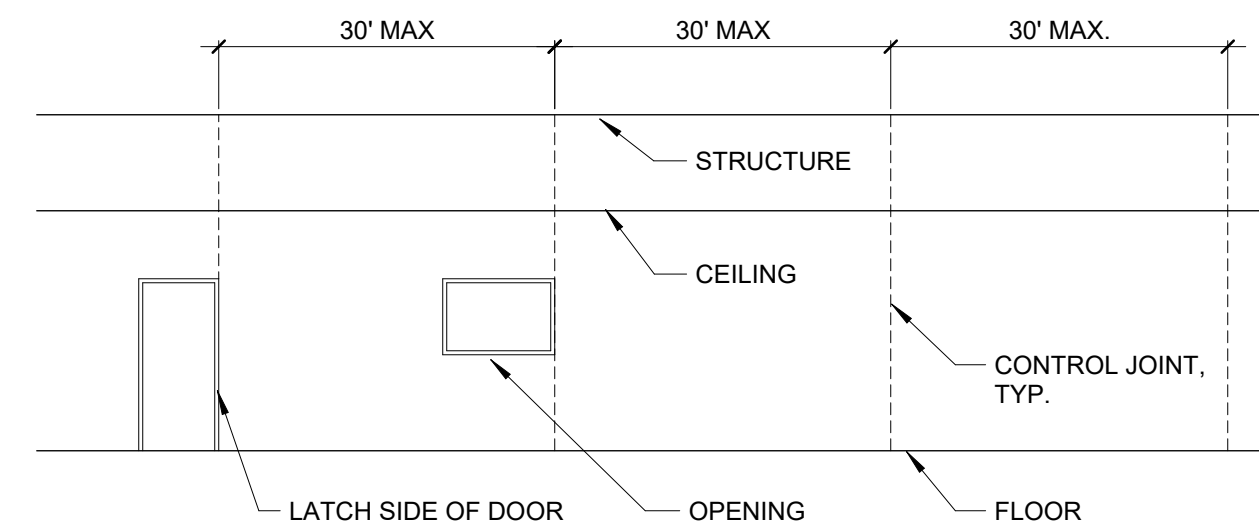
<XGXX>W GWB - SLAB TO DECK (0-1HR)

1" = 1'-0"

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

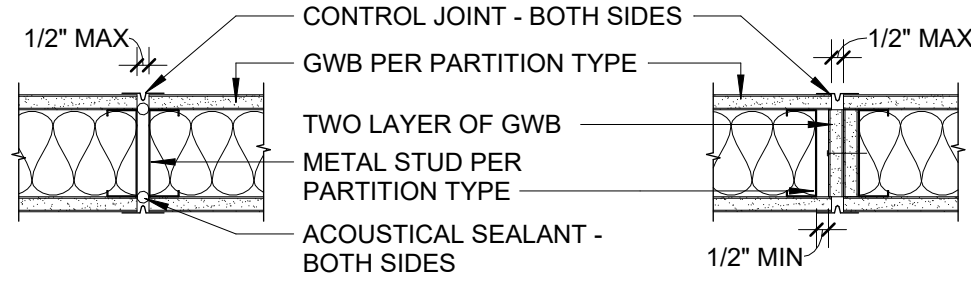
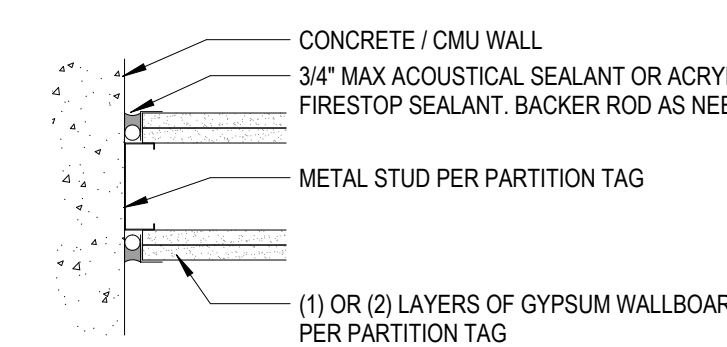
1" = 1'-0"

GWB CONTROL JOINTS



TYPICAL GWB CONTROL JOINT DIAGRAM - ELEVATION

1/8" = 1'-0"

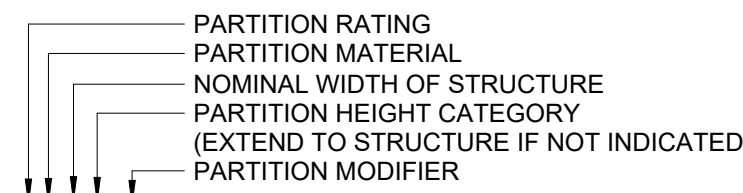


NON-RATED JOINT

RATED JOINT

WH1-647-3024
WH1-651-0318.1

PARTITION LEGEND AND STRUCTURE KEY



PARTITION RATING:

0xxx NON-RATED
1xxx 1-HOUR RATED
2xxx 2-HOUR RATED
3xxx 3-HOUR RATED
4xxx 4-HOUR RATED

PARTITION CONSTRUCTION:

xPxx FURRING
xGxx GYP / METAL STUD
xSxx SHAPED PARTITION
xMxx MASONRY
xWxx GYP / WOOD STUD
xEXx EXISTING
xTxx TILT WALL

NOMINAL WIDTH OF STRUCTURE:

(SEE PARTITION STRUCTURE KEY BELOW)

PARTITION HEIGHT CATEGORY:

xxxA EXTEND TO STRUCTURE ABOVE
xxxB TERMINATE ABOVE CEILING
xxxC TERMINATE AT CEILING
xxxP PARTIAL HEIGHT PARTITIONS

NON STRUCTURAL METAL FRAMING

xG1x 1-5/8" METAL STUD
xG2x 2-1/2" METAL STUD
xG3x 3-5/8" METAL STUD
xG4x 4" METAL STUD
xG6x 6" METAL STUD
xG8x 8" METAL STUD

METAL FURRING CHANNELS

xF0x 1/2" FURRING CHANNEL
xF1x 7/8" FURRING CHANNEL
xF2x 1-1/2" FURRING CHANNEL

NON STRUCTURAL SHAFT FRAMING

xS2x 2-1/2" C-H STUD W/ 1" GYP SHAFT LINER
xS4x 4" C-H STUD W/ 1" GYP SHAFT LINER
xS6x 6" C-H STUD W/ 1" GYP SHAFT LINER

PARTITION MODIFIER:

A ABOVE ACCESS FLOOR
B BALLISTIC LEVEL RATED
E EXTRA LAYER OF GYPSUM
G ONE SIDE GYPSUM
I IMPACT RESISTANT
K SMOKE RATED
M METAL PANEL
O MOVABLE PARTITION (OPERABLE)
R MOISTURE RESISTANT
S SOUND ATTENUATION BATTS
V VAPOR BARRIER
U UNINSULATED
Z ACCENT WALL (SEE INTERIOR DETAILS)
W MINERAL WOOL INSULATION
RI RIGID INSULATION

CONCRETE MASONRY UNIT (CMU)

xM4x 4" CMU
xM6x 6" CMU
xM8x 8" CMU
xM12x 12" CMU

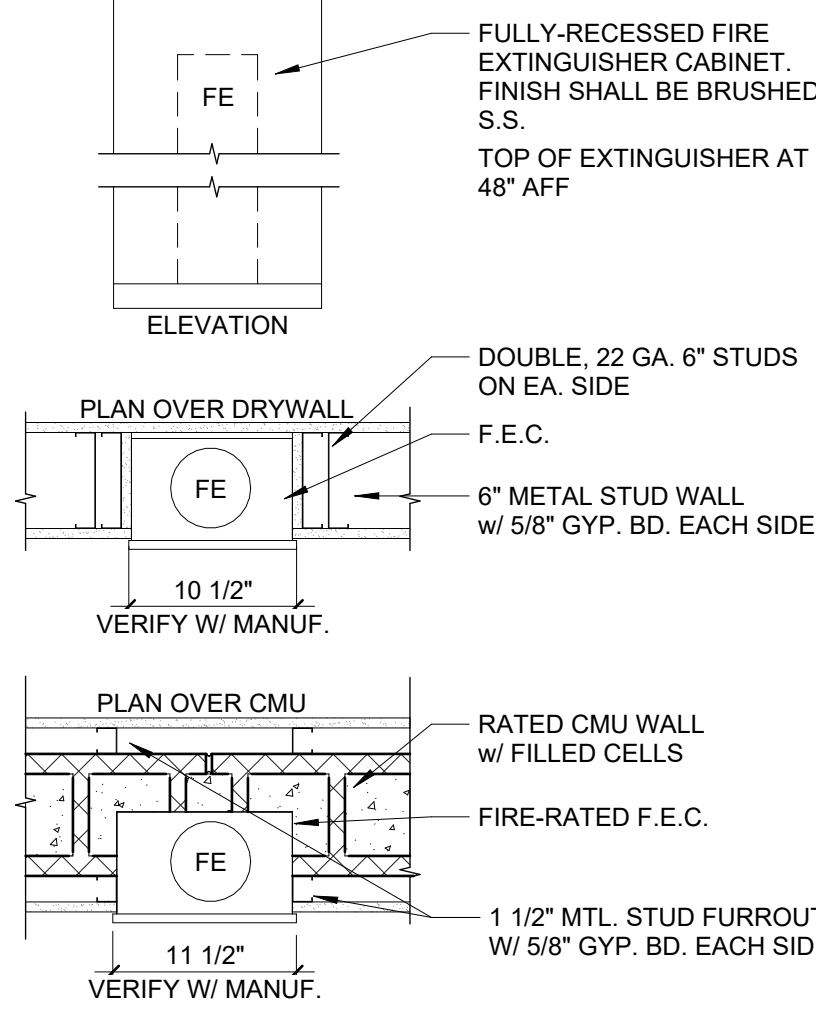
WOOD FRAMING

xW4x 2X4 WOOD FRAMING
xW6x 2X6 WOOD FRAMING
xW8x 2X8 WOOD FRAMING

STRUCTURAL TILT PANEL

xT8x 7-1/2" TILT PANEL
xT12x 11-1/2" TILT PANEL

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.	362S125-33 16" O.C.
<16'	362S125-33 16" O.C.	362S125-54 16" O.C.
<18'	362S125-43 16" O.C.	600S125-33 16" O.C.
<20'	362S125-68 16" O.C.	600S125-33 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")

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

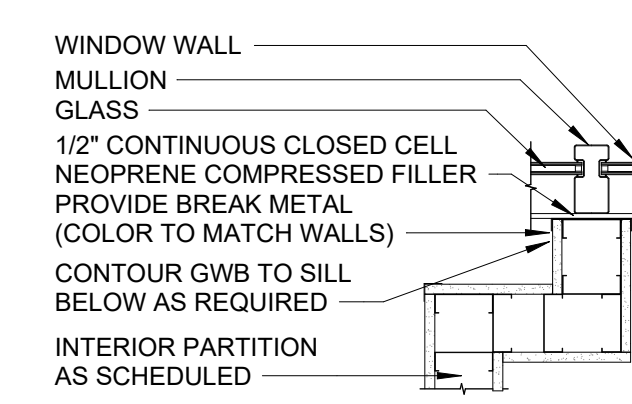
STYLE
S = STUD OR JOIST SECTION
T = TRACK SECTIONS
U = CHANNEL SECTIONS
F = FURRING CHANNEL SECTIONS

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

VERIFY WITH STRUCTURAL

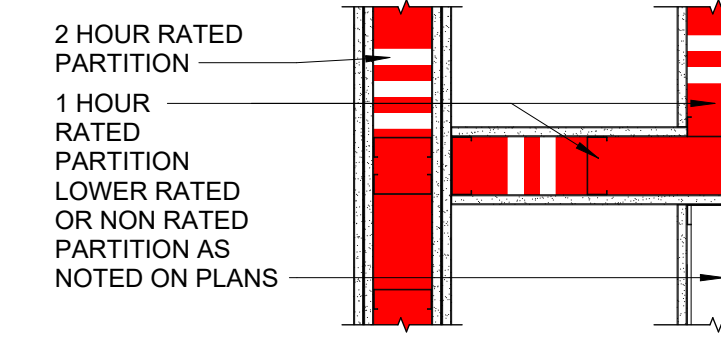
PARTITION HIERARCHY

PARTITION TO MULLION



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

RATING HIERARCHY

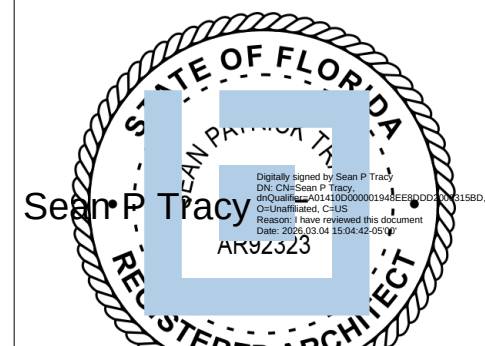


LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

201 South Orange Ave, Suite 800
Orlando, FL 32801
T: 407.218.3922

www.littleonline.com

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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 B - TRUCK STOCK

PROJECT NO.
814C632800

SHEET TITLE
PARTITION TYPES AND DETAILS

SHEET NUMBER
B-G121

UL U419 - FIRE-RESISTANCE RATINGS



Product iQ®

Design/System/Construction/Assembly Usage Disclaimer

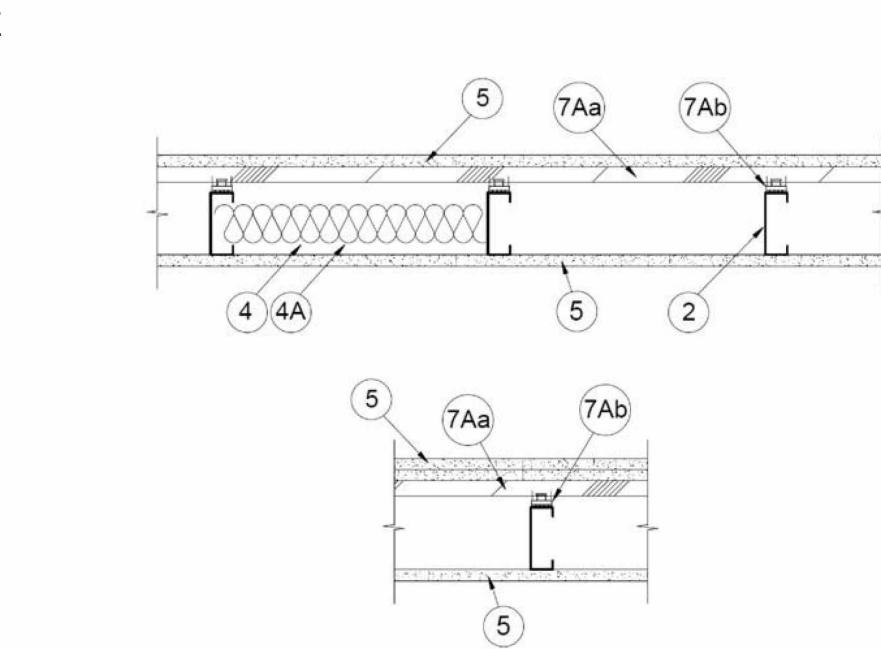
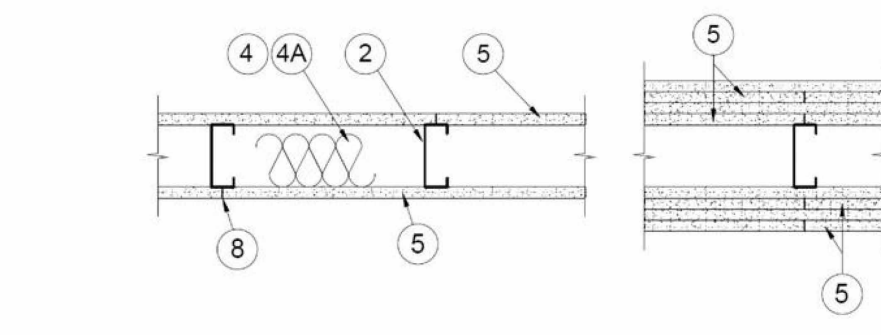
Authorities having jurisdiction should be consulted in all cases as to the particular requirements concerning the installation and use of UL Classified products, equipment, system, devices, and materials. Authorities having jurisdiction should be consulted before construction. Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always identify every construction nuance encountered in the field. When field issues arise, it is recommended that 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 specific concerning alternate materials and alternate methods of construction. Only products which bear UL's Mark are considered Certified.

XLVU - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
XLVU7 - 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. U419

December 15, 2025

Nonbearing Wall Studs - 1, 2, 3, or 4 in. (See Items 4 & 5 through 5)
*** 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 Runners - (Not Shown) - For use with Item 2 - Channel shaped, fabricated from min 25 MS60 corrosion-protected steel, min depth to accommodate stud size, with min 1/4 in. long legs, attached to floor and ceiling with fasteners spaced 24 in. OC max.

18. Framing Members* - Floor and Ceiling Runners - (Not Shown) - In lieu of Item 1 - For use with Item 28, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CEMCO, LLC - Viper25® Track
CRACO MFG INC - SmartStud25®
MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper25® Track
IMPERIAL MANUFACTURING GROUP INC - Viper25® Track

18. Framing Members* - Floor and Ceiling Runner - (Not Shown) - In lieu of Item 1 - For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC - Viper20® Track
MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20® Track
IMPERIAL MANUFACTURING GROUP INC - Viper20® Track

1C. Framing Members* - Floor and Ceiling Runners - (Not Shown) - In lieu of Item 1 - Channel shaped, attached to floor and ceiling with fasteners spaced 24 in. OC max.
ALLISTE & O'RYN PRODUCTS INC - Type SUPREME D24/30/60 and Type SUPREME D20
CONSOLIDATED FABRICATORS CORP., BUILDING PRODUCTS DIV - Type SUPREME D24/30/60 and Type SUPREME D20

SCAFOLD STEEL BUILDING MATERIALS INC - Type SUPREME D24/30/60 and Type SUPREME D20
STEEL CONSTRUCTION SYSTEMS INC - Type SUPREME D24/30/60 and Type SUPREME D20
UNITED INDUSTRIES LLC - Type SUPREME D24/30/60 and Type SUPREME D20
QUAIL RAIL BUILDING MATERIALS INC - Type SUPREME D24/30/60 and Type SUPREME D20
SCAFOLD STEEL BUILDING MATERIALS INC - Type SUPREME D24/30/60 and Type SUPREME D20
STEEL CONSTRUCTION SYSTEMS INC - Type SUPREME D24/30/60 and Type SUPREME D20
UNITED INDUSTRIES LLC - Type SUPREME D24/30/60 and Type SUPREME D20

1C. Framing Members* - Floor and Ceiling Runners - (Not Shown) - In lieu of Item 1 - Channel shaped, fabricated from min 25 MS60 corrosion-protected galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CLARKDITTRICH BUILDING SYSTEMS - CROSTUD®
DECAWELLS LLC - PROFITRAK
MBA METAL COMPANY - PROFITRAK
RAM SALES LLC - Ram PROFITRAK
STEEL STRUCTURAL PRODUCTS LLC - Tri-S PROFITRAK
THE MILL STEEL COMPANY - PROFITRAK

1C. Framing Members* - Floor and Ceiling Runner - (Not Shown) - In lieu of Item 1 - For use with Item 2C, proprietary channel shaped runners, minimum width to accommodate stud size, with 1-1/8 in. long legs fabricated from min 0.018 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC - Viper20® Track
SUPER STUD BUILDING PRODUCTS - The Edge

1C. Framing Members* - Floor and Ceiling Runner - (Not Shown) - In lieu of Item 1 - For use with Item 2C, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners spaced 24 in. OC max.
STUCCO BUILDING SYSTEMS - CROSTUD Track

18. Framing Members* - Floor and Ceiling Runners - (Not Shown) - Channel shaped, fabricated from min 0.021 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.
MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20® Track VITD0
IMPERIAL MANUFACTURING GROUP INC - Viper20® Track VITD0

18. Framing Members* - Floor and Ceiling Runners - (Not Shown) - As an alternate to Item 1 - For use with Item 2C, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
TELLING INDUSTRIES LLC - TRUE-STUD®

18. Framing Members* - Floor and Ceiling Runner - (Not Shown) - In lieu of Item 1 - For use with Item 2C, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CEMCO, LLC - Viper25® Track
CRACO MFG INC - SmartStud25®
MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper25® Track
IMPERIAL MANUFACTURING GROUP INC - Viper25® Track

18. Framing Members* - Floor and Ceiling Runner - (Not Shown) - In lieu of Item 1 - For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC - Viper20® Track
MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper20® Track
IMPERIAL MANUFACTURING GROUP INC - Viper20® Track

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TELLING INDUSTRIES LLC - TRUE-STUD®

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IRONLINE METALS LLC - Bantam Stud

3. Wood Structural Panel Sheathing - (Optional, for use with Item 2 Only) - (Not Shown) - 4 in. wide, 7/16 in. thick oriented strand board (OSB) or 19/32 in. thick structural sheathing (plywood) complying with DOC H1 or P12, or APA Standard RP-301, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered over studs and staggered one stud space from wallboard joints. Attached to studs with self-drilling tapping screws with a min. head diam. of 0.293 in. (min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max. **CEMCO, LLC** - Viper25® Track

4. Bolts and Blankets* - (Required as indicated under Item 5) - Mineral wool bolts, friction fitted between studs and runners. Min. min thickness as indicated under Item 5.

See Bolts and Blankets (BKN or BZJ) Categories for names of Classified companies.

4A. Bolts and Blankets* - (Optional - as an alternate to Item 4) - Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as a Floor-Building Characteristics and/or Fire Resistance.

See Bolts and Blankets (BKN or BZJ) Categories for names of Classified companies.

4B. Fiber, Sprayfoam* - (Optional - as an alternate for Item 4 or 4A, for use with Item 10) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 lb/cu ft to completely fill the stud cavity in accordance with the application instructions supplied with the product. **See Fiber, Sprayfoam (CCZ).**
AMERICAN ROCKWOOL MANUFACTURING CO. - Type Rockwool Premium Plus

4C. Foamed Plastic* - (As an alternate for Item 4A or 4A, for use with Item 5) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2-hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MS60 steel thickness.

CARLISLE SP-FOAM INSULATION - Type SealTite One, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OC, SealTite Pro 11m, SealTite Pro One Zero, Foamulose Closed Cell, Foamulose CCX, Foamulose 70, and Foamulose HFC

4D. Foamed Plastic* - (As an alternate for Item 4A or 4A, for use with Item 5) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2-hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MS60 steel thickness.

4E. Foamed Plastic* - (As an alternate to Item 4 for use with Item 5) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2-hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MS60 steel thickness.

5. Gypsum Board* - Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite side of studs. Vertical joints in adjacent bays (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite side of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent bays (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent bays (multilayer systems) with Type ULX need not be staggered. The thickness and number of layers for the 1/2, 3/4, 3/8, 3/4 and 4/8 ratings are as follows:

Gypsum Board Protection on Each Side of Wall			
Rating, Hr	Min Stud Depth, In.	No. of Layers & Thickness of Panel	Min Thickness of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	1-5/8	2 layers, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CEMCO, LLC - Viper25® Track
CRACO MFG INC - SmartStud25®
MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper25® Track
IMPERIAL MANUFACTURING GROUP INC - Viper25® Track

UNITED STATES O'RYN - Type SUPREME D24/30/60 and Type SUPREME D20
CONSOLIDATED FABRICATORS CORP., BUILDING PRODUCTS DIV - Type SUPREME D24/30/60 and Type SUP

UL X528 - FIRE-RESISTANCE RATINGS

Product iQ®

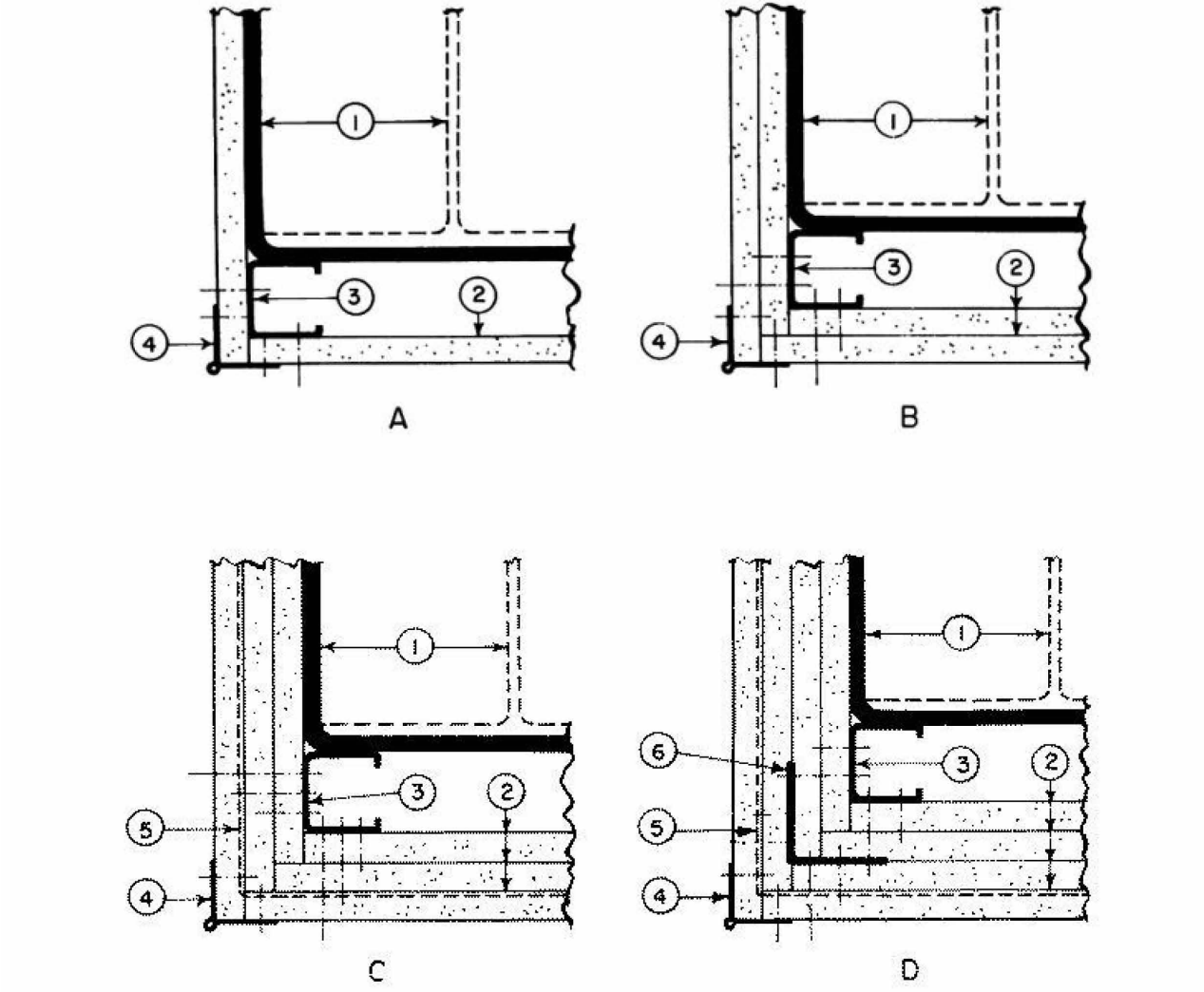
Design/System/Construction/Assembly Usage Disclaimer

- 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
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada

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						
byOJ88	1	1-3/4	2-5/8	B	C	D
TS 8 by 8						
byO250	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

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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 REV'S A (View Classification) — CNKX.R21795
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CNKX.R19262
THAI GYPSUM PRODUCTS PCL (View Classification) — CNKX.R2197
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.R16589

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. 2B 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. 2B 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 Go) 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 Go) 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

UL U438 - FIRE-RESISTANCE RATINGS

Product iQ®

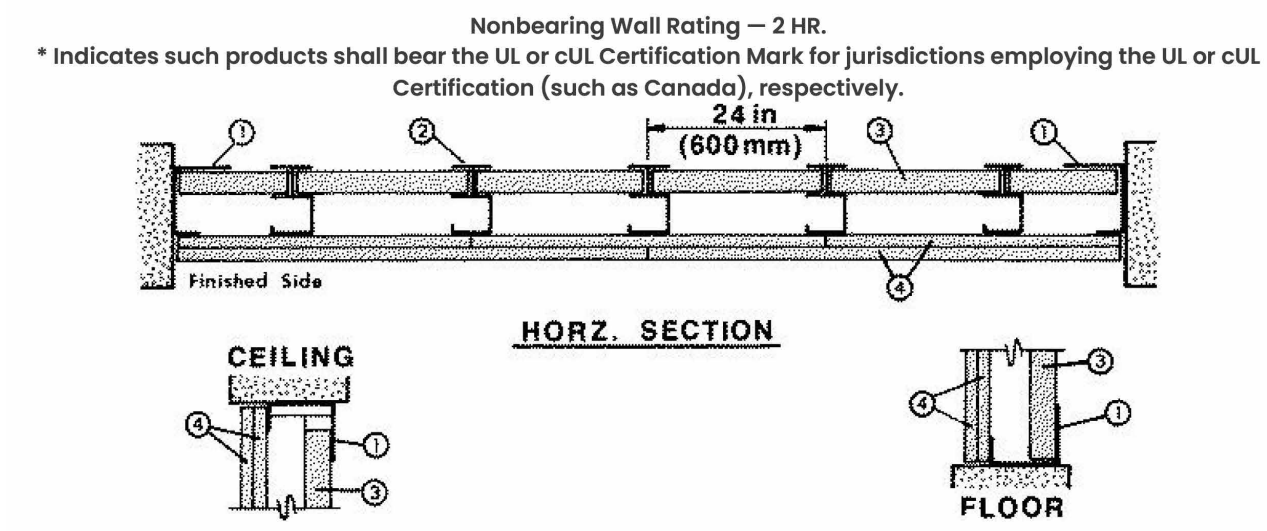
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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information 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
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada

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. Runners 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 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 and side "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

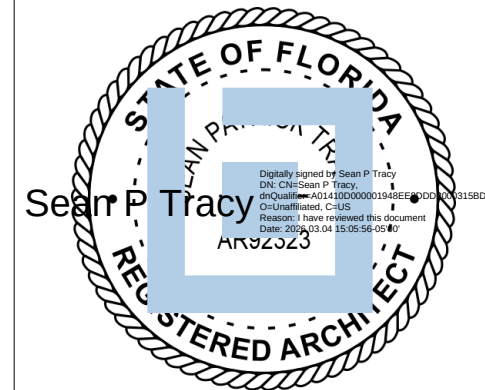
NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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ISSUE 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 B -
TRUCK STOCK

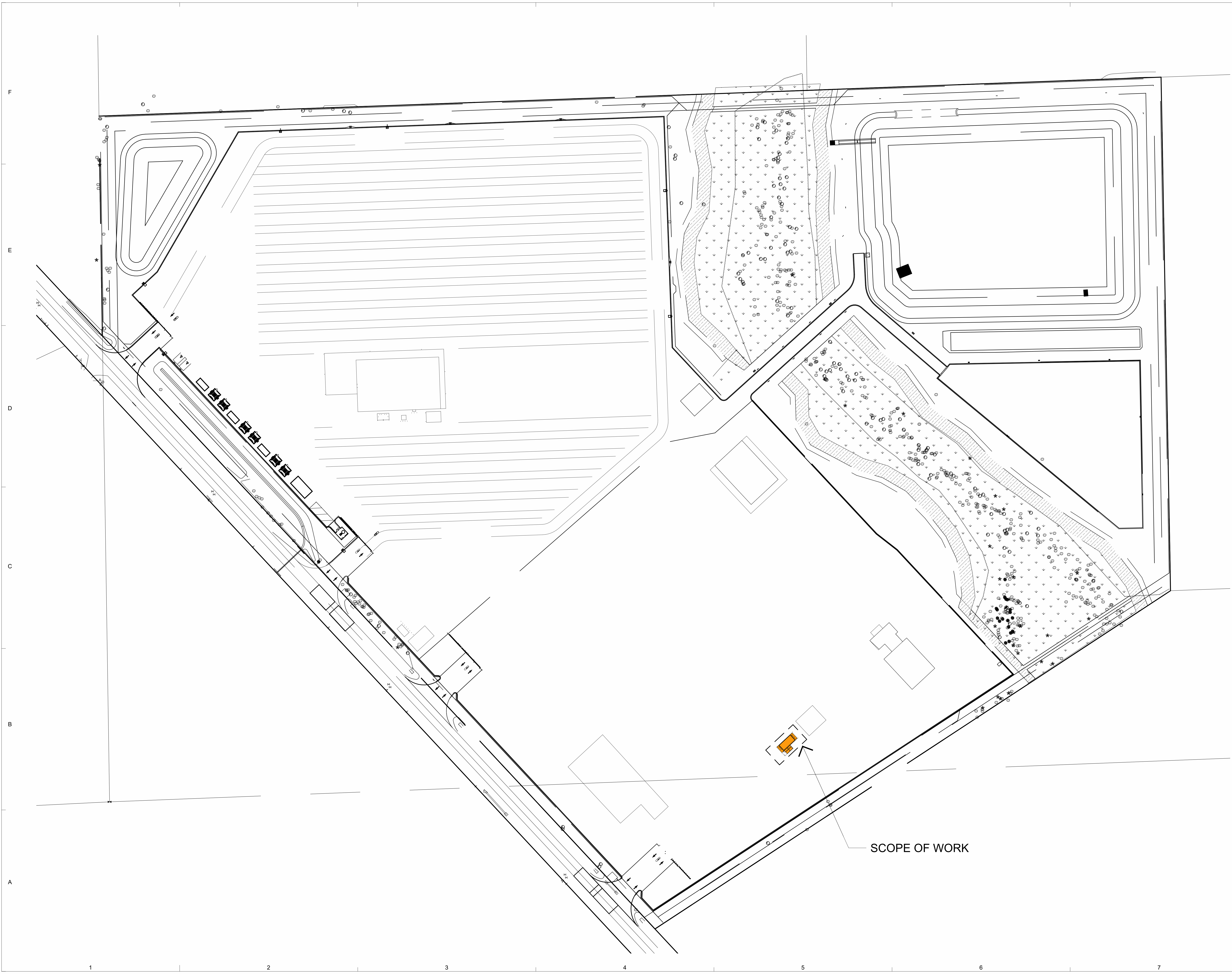
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE
UL ASSEMBLY
INFORMATION

SHEET NUMBER

B-G124



F
E
D
C
B
A

1 2 3 4 5 6 7

SCOPE OF WORK

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Sean P. Tracy
REGISTERED ARCHITECT
STATE OF FLORIDA
No. AR32622

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ORL-COMMUNITY

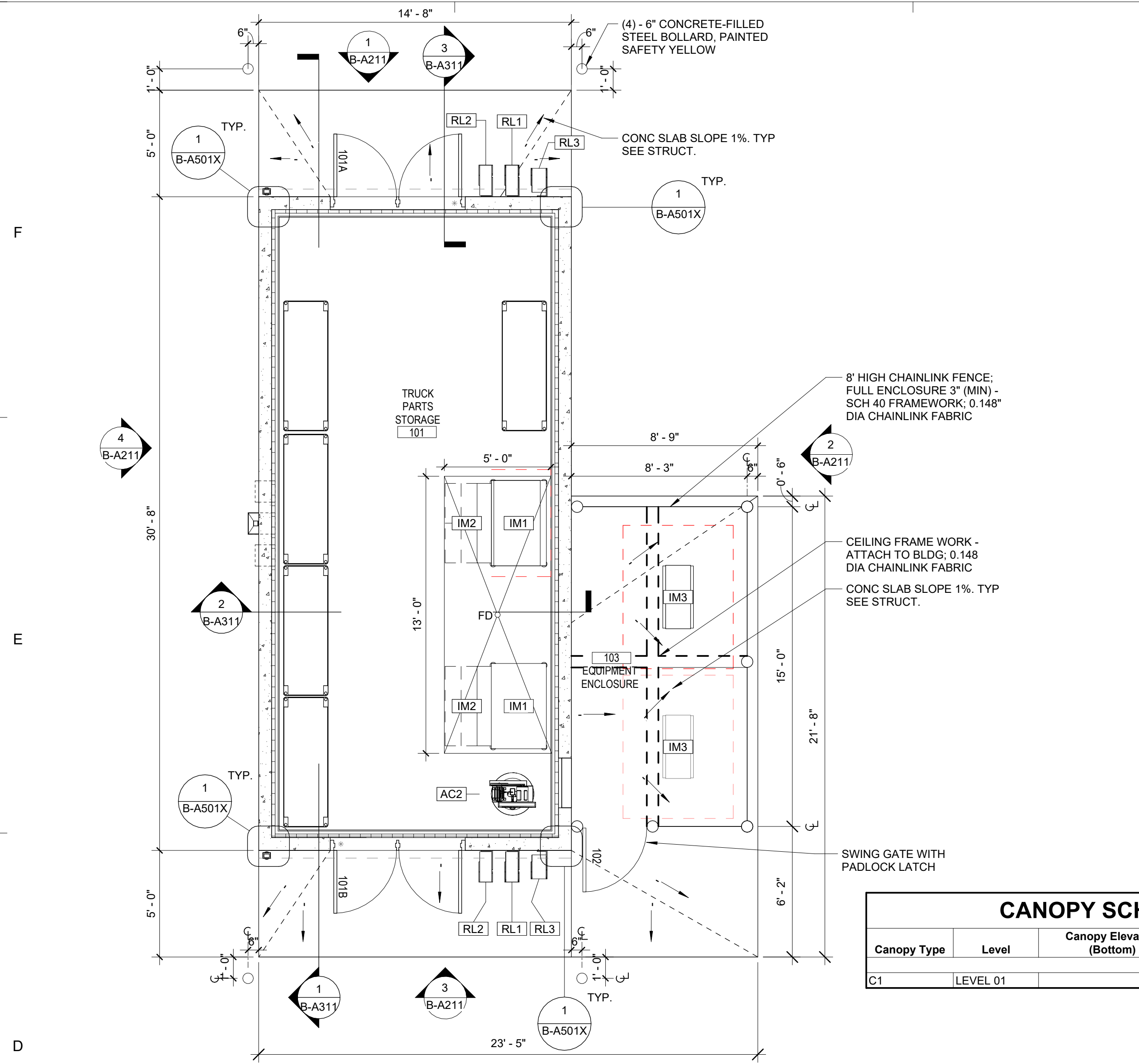
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PROCESSING & SERVICE
CENTER - BUILDING B -
TRUCK STOCK

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

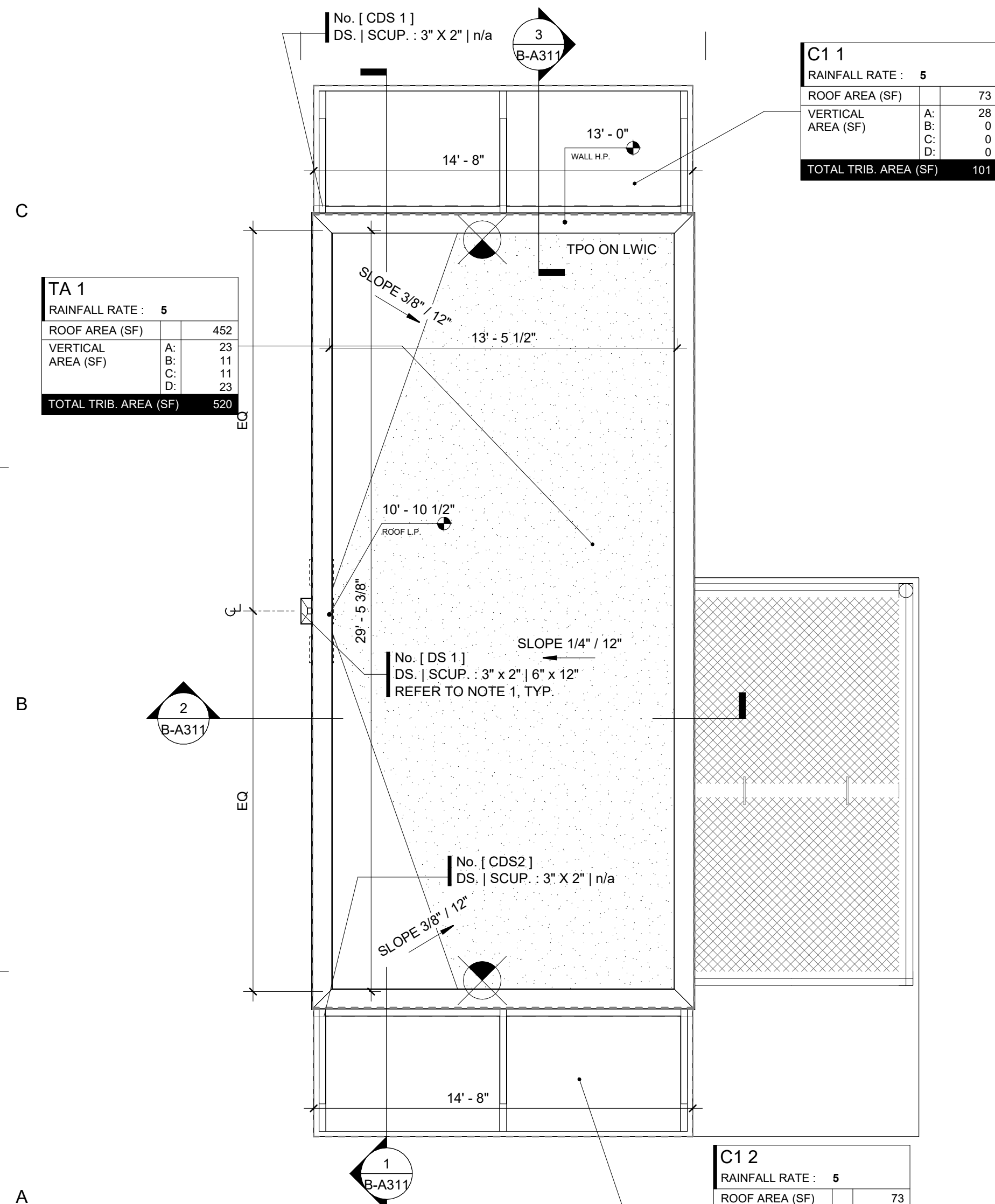
PROJECT NO.
814C632803

SHEET TITLE
ARCHITECTURAL SITE
PLAN

SHEET NUMBER
B-A101



1 FLOOR PLAN
B-A111 1/4" = 1'-0"

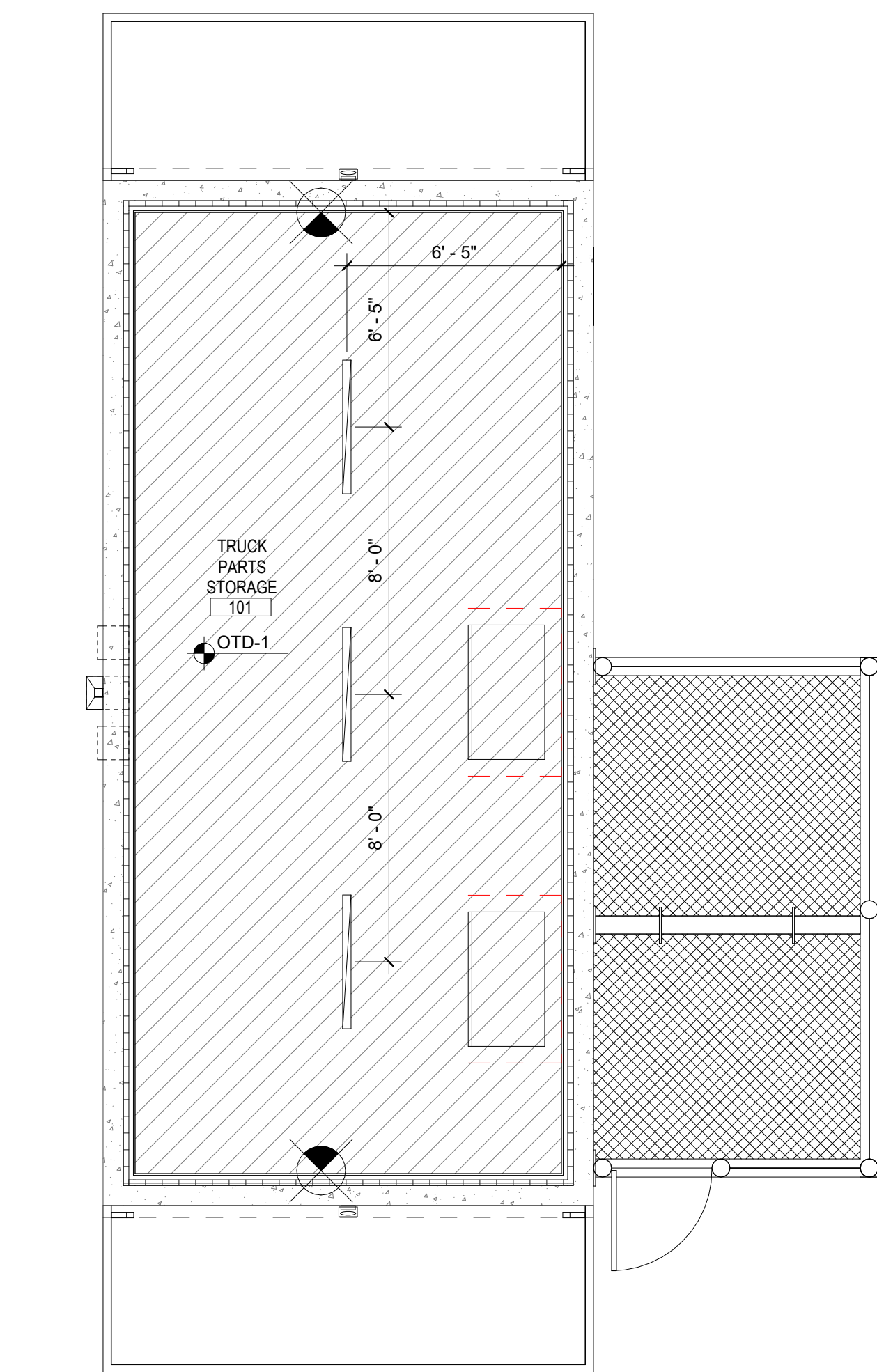


3 ROOF
B-A111 1/4" = 1'-0"

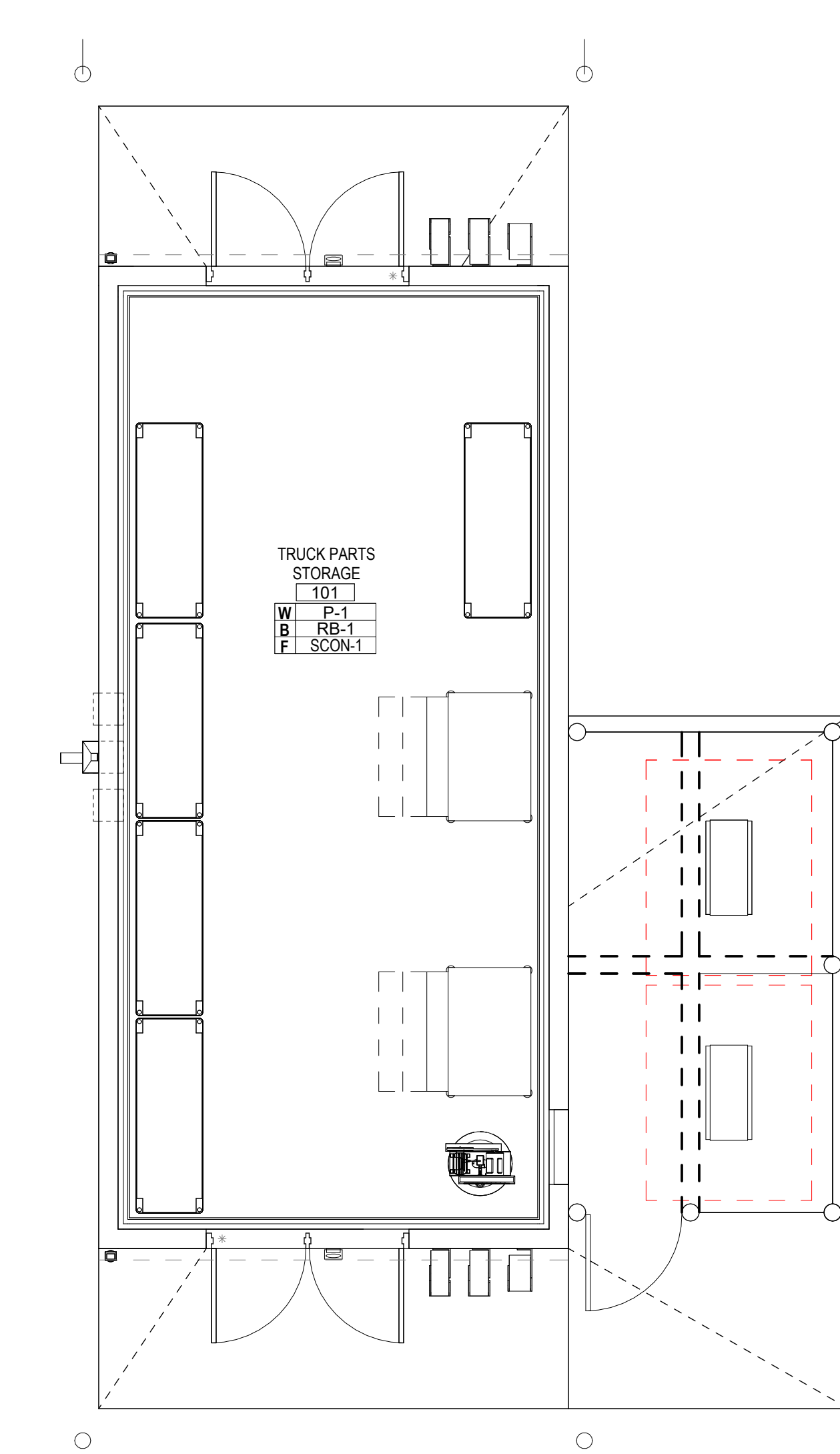
CANOPY SCHEDULE				
Canopy Type	Level	Canopy Elevation (Bottom)	Width	Projection
C1	LEVEL 01	8' - 0"	14' - 8"	5' - 0"

CANOPY SCHEDULE				
Canopy Type	Level	Canopy Elevation (Bottom)	Width	Projection
C1	LEVEL 01	8' - 0"	14' - 8"	5' - 0"

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
C11	CDS1	3" x 2" / n/a	73	28	0	0	0	101	5	0.52	52	92		
C12	CDS2	3" x 2" / n/a	73	28	0	0	0	101	5	0.052	5	92		
TA1	DS1	3" x 3" / 6" x 12"	452	23	11	11	23	520	5	0.052	27	92		



2 REFLECTED CEILING PLAN
B-A111 1/4" = 1'-0"



4 FINISH PLAN
B-A111 1/4" = 1'-0"



RATED WALLS & PARTITIONS

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

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

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

CEILING PLAN LEGEND

CEILING TYPES	
[Symbol]	OPEN TO DECK, P-6
LIGHT FIXTURES	
[Symbol]	4' LINEAR
[Symbol]	4' LINEAR
[Symbol]	LED WALLPACK
ELECTRICAL DEVICES	
[Symbol]	EXIT SIGNS
[Symbol]	CAMERA
[Symbol]	OCCUPANCY SENSOR
[Symbol]	FA SPEAKER STROBE - WALL MOUNT
[Symbol]	FA SMOKE DETECTOR
[Symbol]	SPEAKER
[Symbol]	WIRELESS ACCESS POINT
MECHANICAL	
[Symbol]	CEILING GRILLE (RETURN)
[Symbol]	CEILING GRILLE (EXHAUST)
[Symbol]	CEILING SUPPLY DIFFUSER

GENERAL NOTES - ROOF

- OVERFLOW SCUPPERS ON EACH EACH SIDE OF DOWNSPOUT, TYP SEE DETAIL 7/A-502, 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 ASM.
- 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.

FINISH PLAN LEGEND

[Symbol] SCOR

FINISH KEY LEGEND

Key Name	DESCRIPTION
FLOORING	
SCOR-1	SEALED CONCRETE
CEILING	
P-2	PAINT
WALL	
P-1	PAINT
BASE	
RB-1	RUBBER BASE
DOOR	
P-3	PAINT
P-4	PAINT

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SEAN P. TRACY

REGISTERED ARCHITECT

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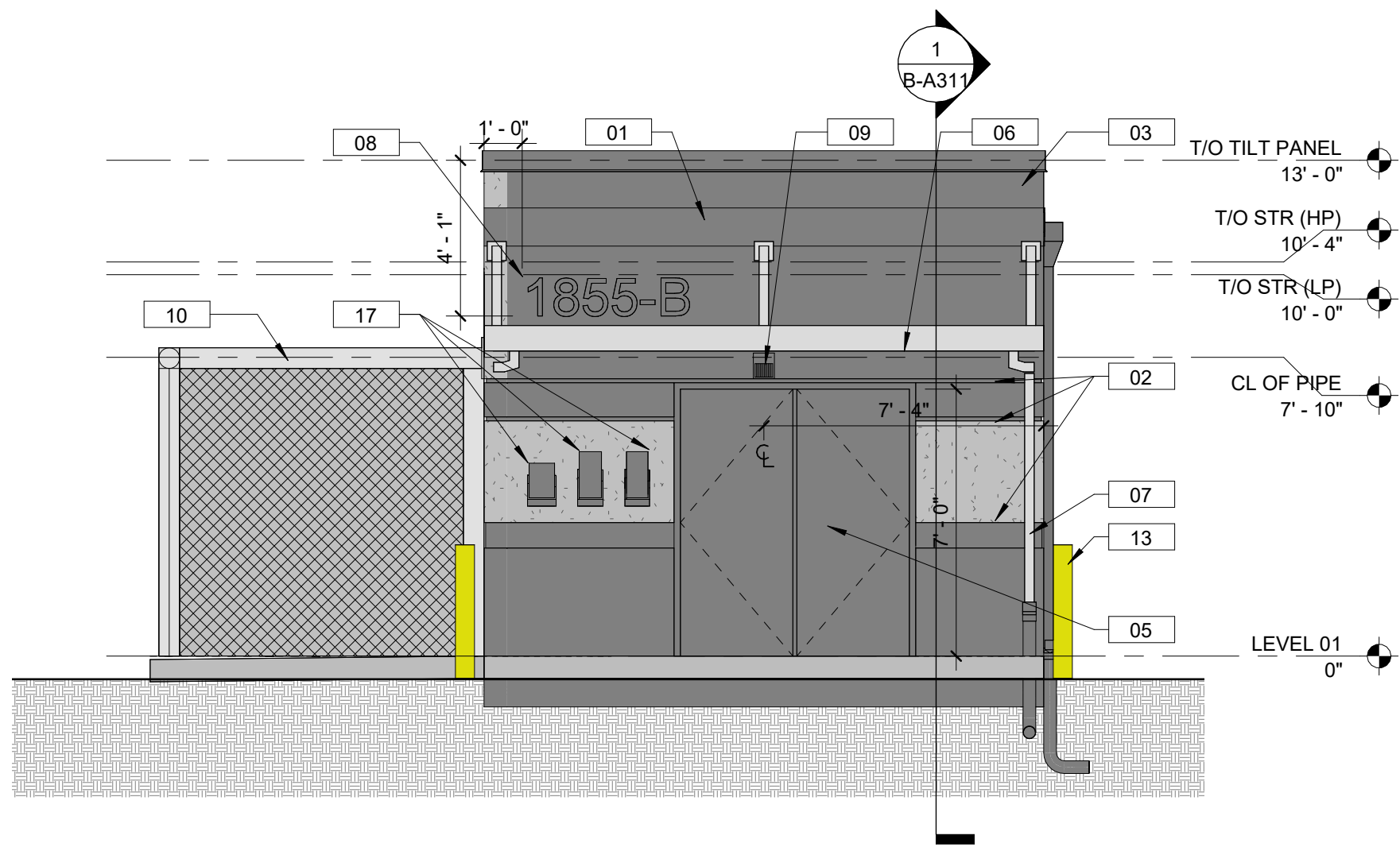
REVISIONS

NO. REASON DATE

PROJECT TEAM

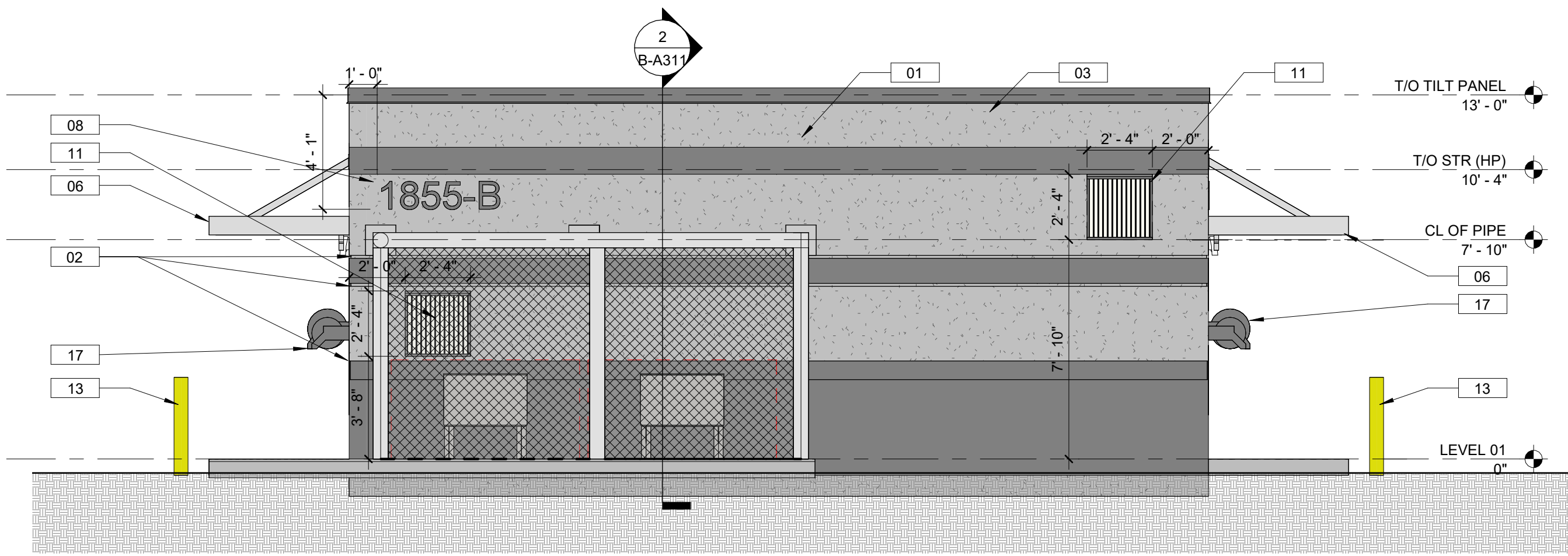
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PROJECT MANAGER
BENJAMIN BOYLES
DESIGN TEAM
ORL-COMMUNITY
PROJECT NAME
COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING B - TRUCK STOCK
1855 NW COUNTY ROAD 25A, LAKE CITY, FL
PROJECT NO.
814C632803
SHEET TITLE
FLOOR PLANS
SHEET NUMBER
B-A111

F



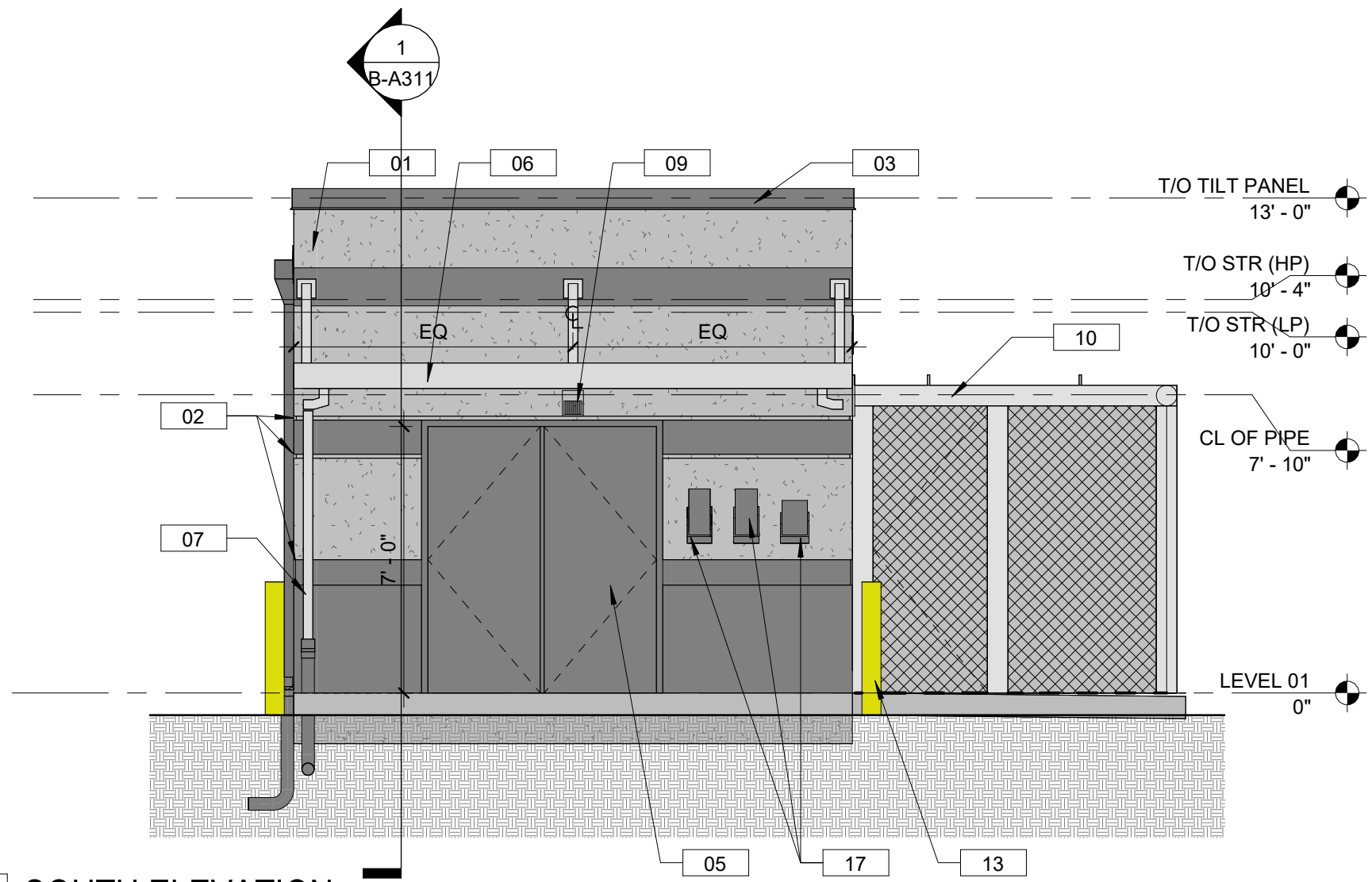
1 NORTH ELEVATION
B-A211 1/4" = 1'-0"

E



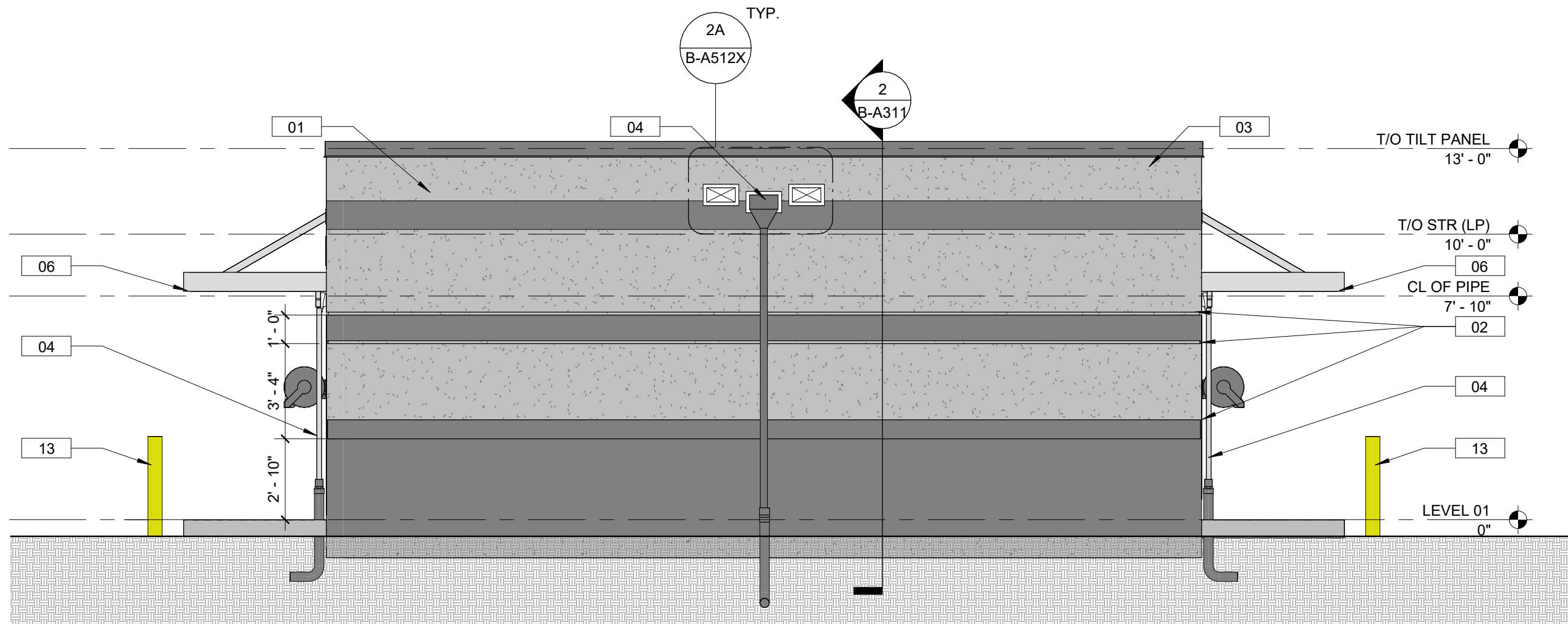
2 EAST ELEVATION
B-A211 1/4" = 1'-0"

D



3 SOUTH ELEVATION
B-A211 1/4" = 1'-0"

C



4 WEST ELEVATION
B-A211 1/4" = 1'-0"

B

A

GENERAL NOTES

- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWINGS SHALL APPLY TO BOTH HALVES OF DRAWINGS.
- PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS (STRUCTURAL AND DECORATIVE).
- SEE SHEET 814C632803 FOR EXTERIOR WALL TYPES.
- SEE SHEET 814C632803 FOR EXTERIOR GLAZING TYPES.
- TIPT-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.
- REFERENCE M.E.P. & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- STOREFRONT/SP FRAMING IS INDICATED WITH DASHED LINES WHERE OBSERVED BY ELEMENTS IN THE ORTHOGRAPHIC ELEVATION VIEW.
- PROVIDE CONTROL/EXPANSION JOINTS AT EXTERIOR FINISH SYSTEMS AS REQ'D BY MANUF. CONFIRM LOCATION W/ ARCHITECT.

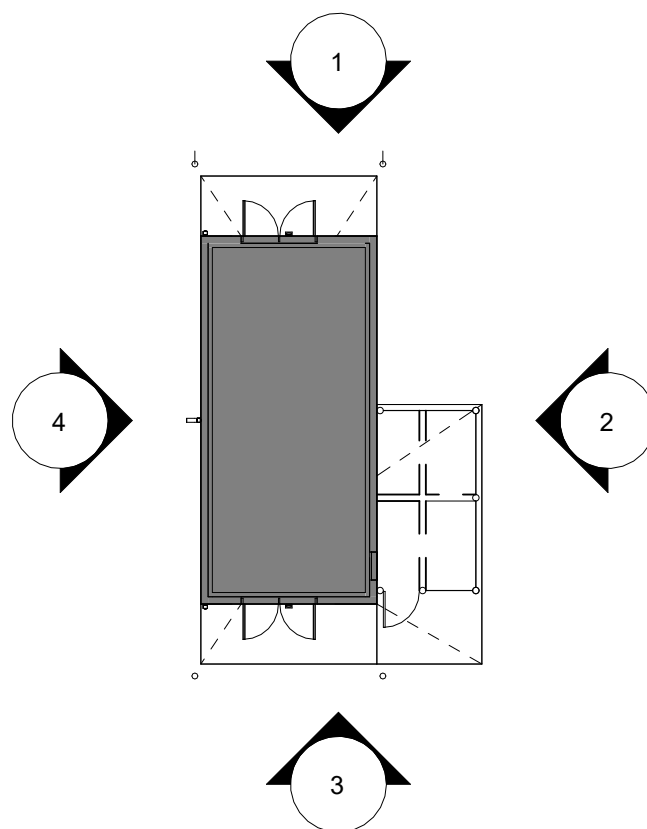
ELEVATION KEY NOTES

- 01 CONCRETE TILT-UP WALL (TYP.)
- 02 CONCRETE REVEAL (TYP.)
- 03 PREFINISHED METAL COPING
- 04 STAINLESS STEEL CONDUCTOR HEAD, DOWNPOUT, & ADJACENT OVERFLOW SCUPPERS
- 05 HOLLOW METAL DOOR (TYP.)
- 06 ALUMINUM CANOPY
- 07 DOWNPOUT
- 08 BUILDING ADDRESS SIGNAGE (TO BE DETERMINED BY OWNER)
- 09 EXTERIOR LIGHTING FIXTURE, 7'-8" AFF TYP. (REFER TO ELECTRICAL DRAWINGS)
- 10 FENCED EQUIPMENT YARD
- 11 MECHANICAL LOUVER
- 12 NOT USED
- 13 STEEL BOLLARD, 3'-6" HIGH ABOVE FINISHED GRADE TYP., PAINTED
- 14 NOT USED
- 15 NOT USED
- 16 DISCONNECT
- 17 (B) REELS (WATER / GAS / ELEC.)

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 7007 CITYSCAPE

KEY PLAN



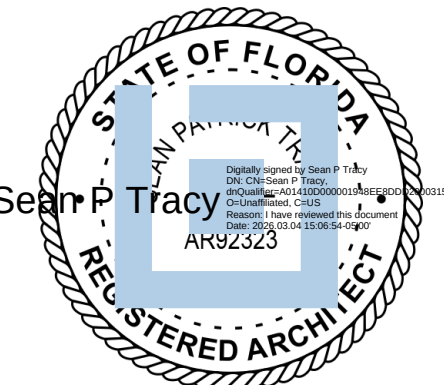
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ORL-COMMUNITY

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CENTER - BUILDING B -
TRUCK STOCK

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

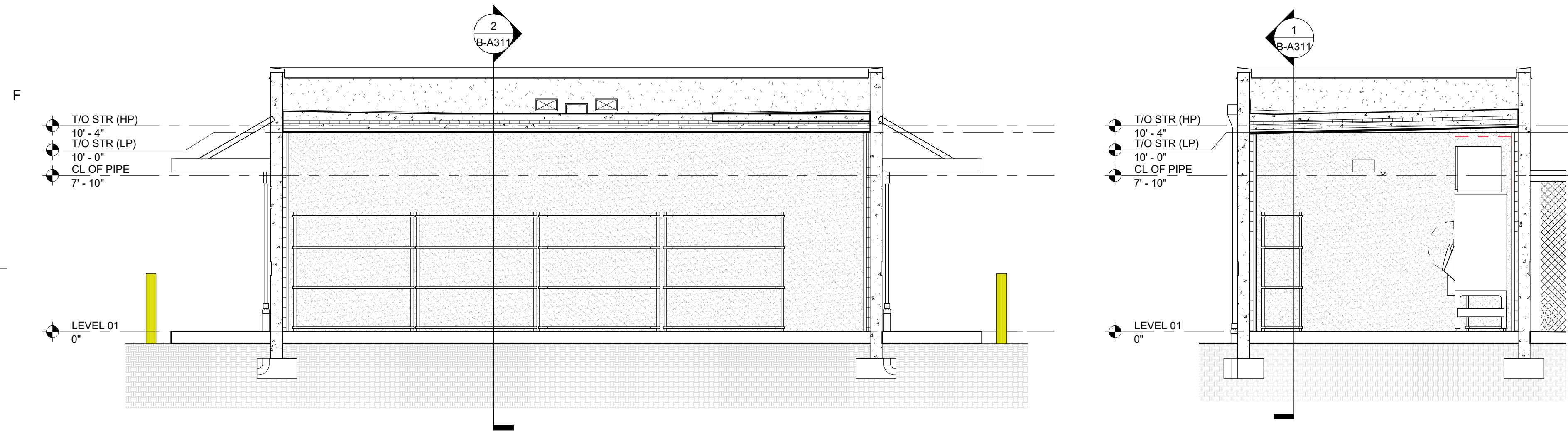
PROJECT NO.
814C632803

SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

B-A211



1

BUILDING SECTION 1

B-A311 1/4" = 1'-0"

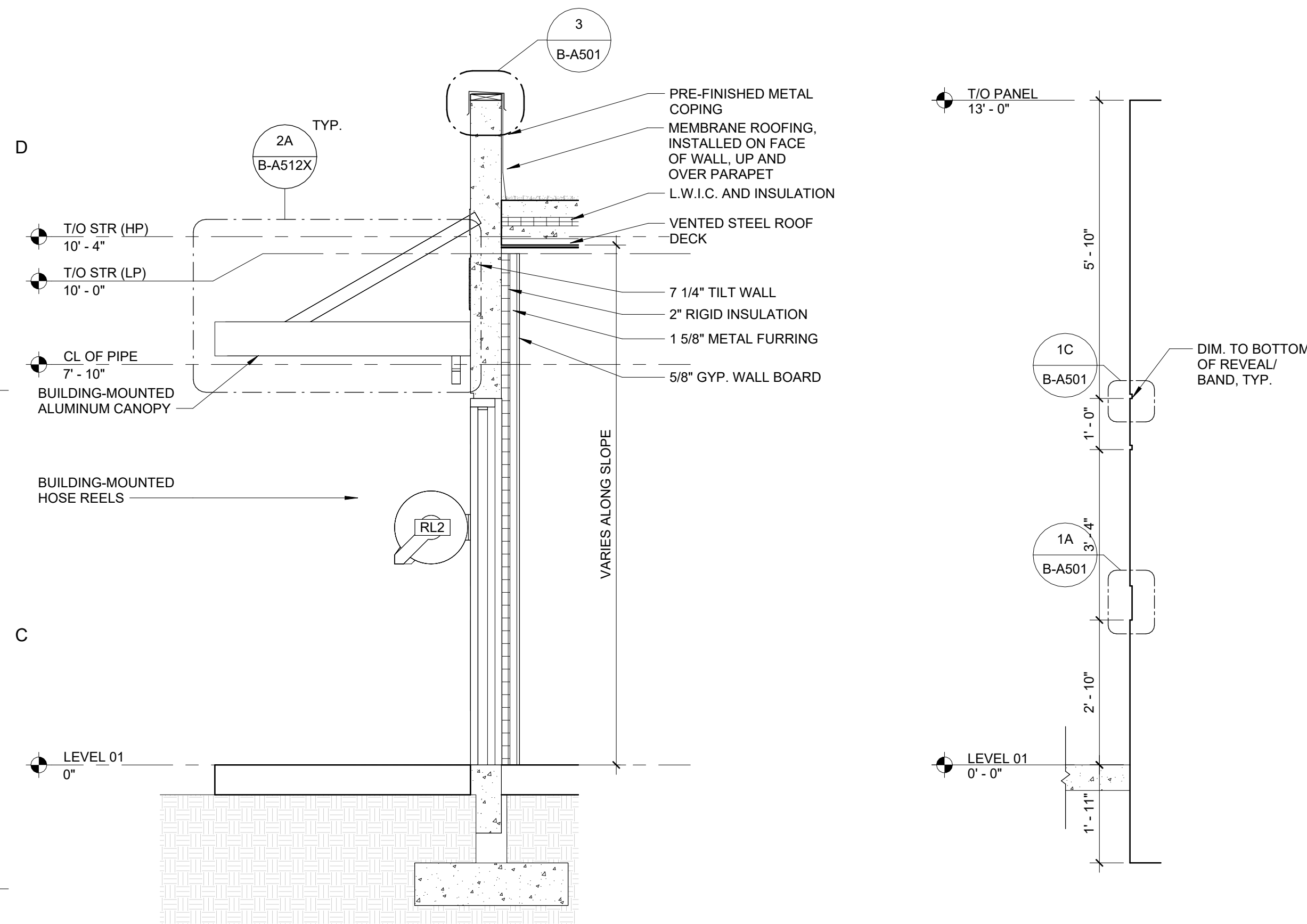
2

BUILDING SECTION 2

B-A311 1/4" = 1'-0"

0' 2' 4' 8' 16'

0" 1" 2" 4"



3

WALL SECTION

B-A311 1/2" = 1'-0"

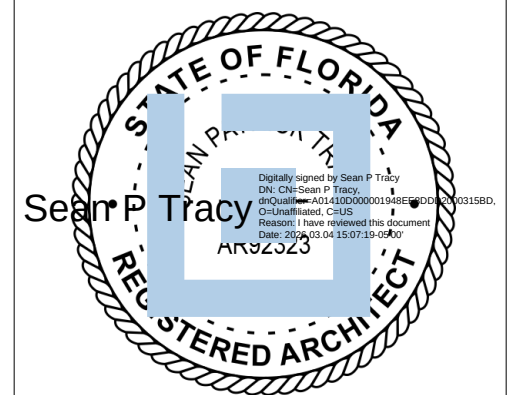
4

TYP. PANEL REVEALS

B-A311 1/2" = 1'-0"

0' 1' 2' 4' 8'

0" 1" 2" 4"



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CENTER - BUILDING B -
TRUCK STOCK

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

PROJECT NO.
814C632803

SHEET TITLE
BUILDING AND WALL
SECTIONS

SHEET NUMBER

B-A311

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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STATE OF FLORIDA

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1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE

TYPICAL MOUNTING DETAILS

SHEET NUMBER

B-A400

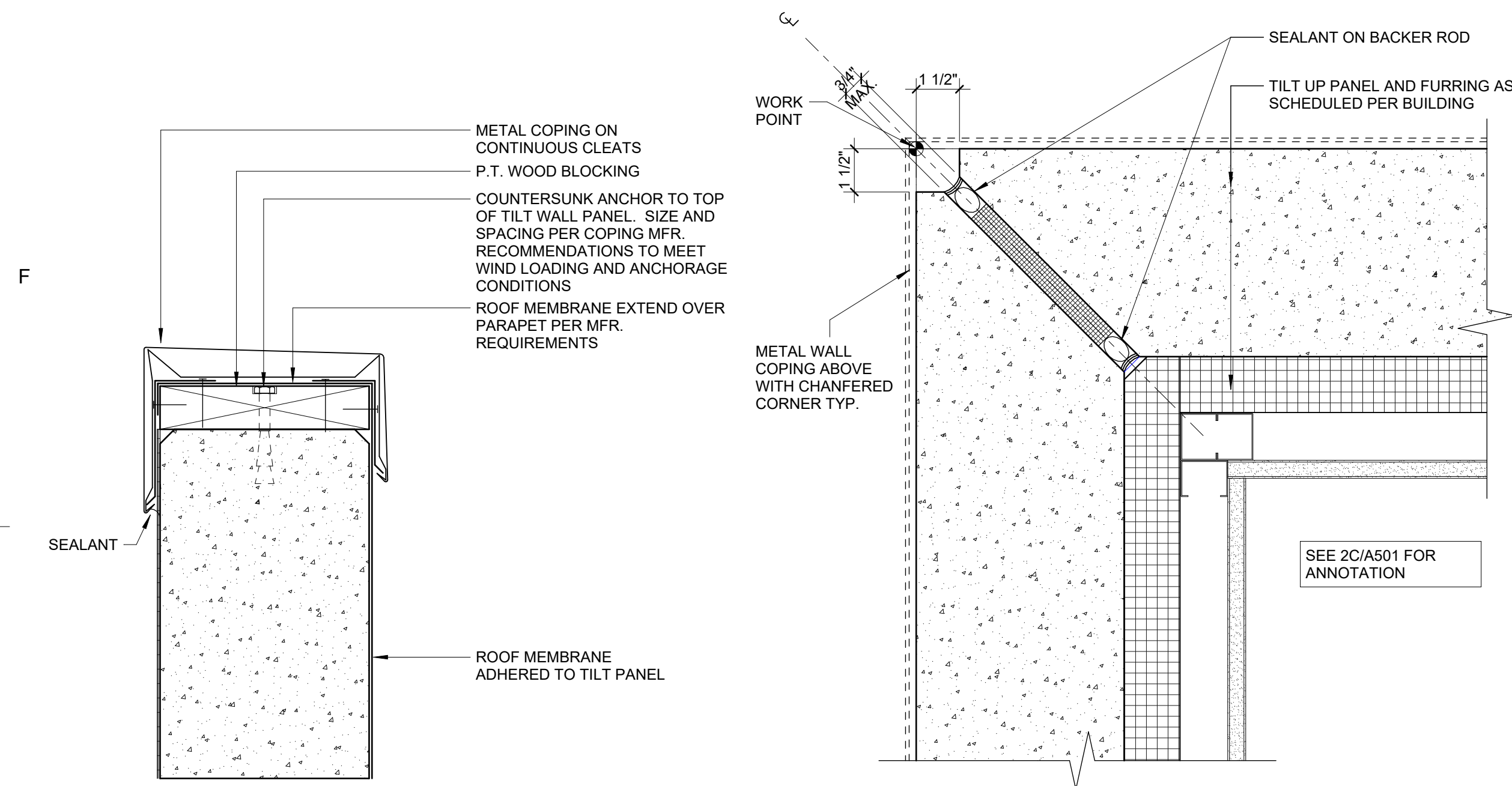
1 PROJECTOR AND SCREEN MOUNTING
1/2" = 1'-0"

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

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

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

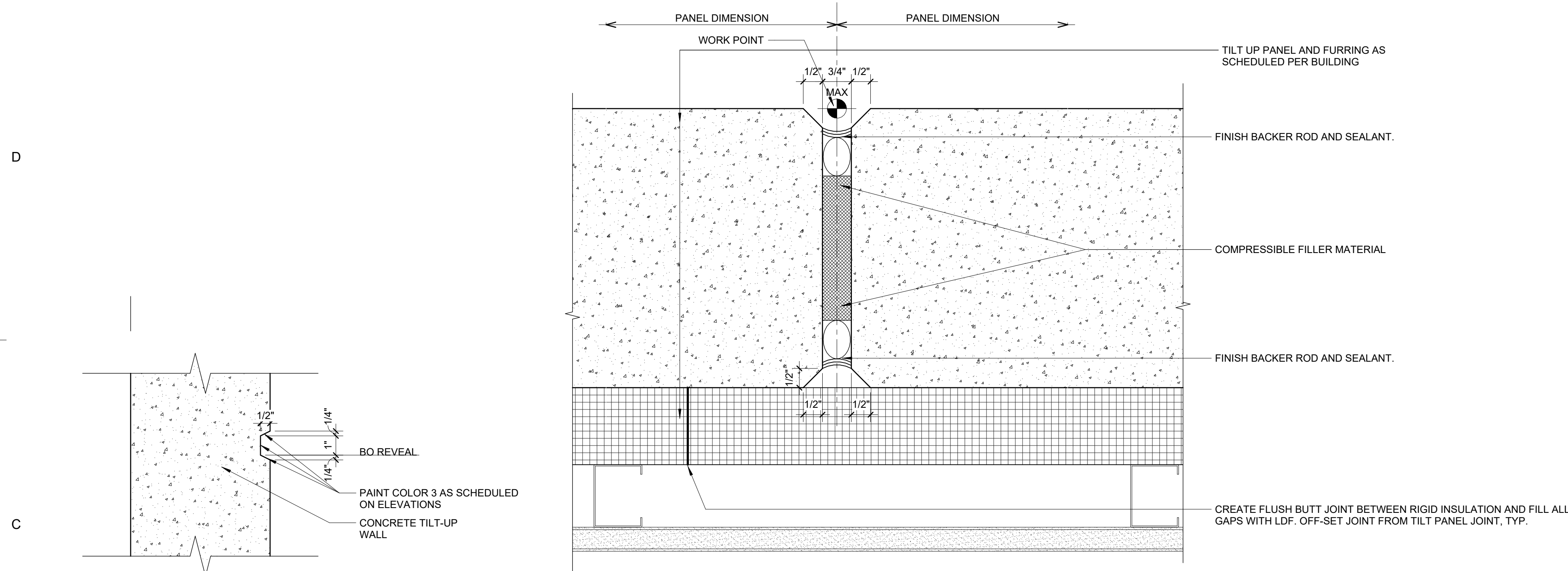
5 FIRE EXTINGUISHERS
1/2" = 1'-0"



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

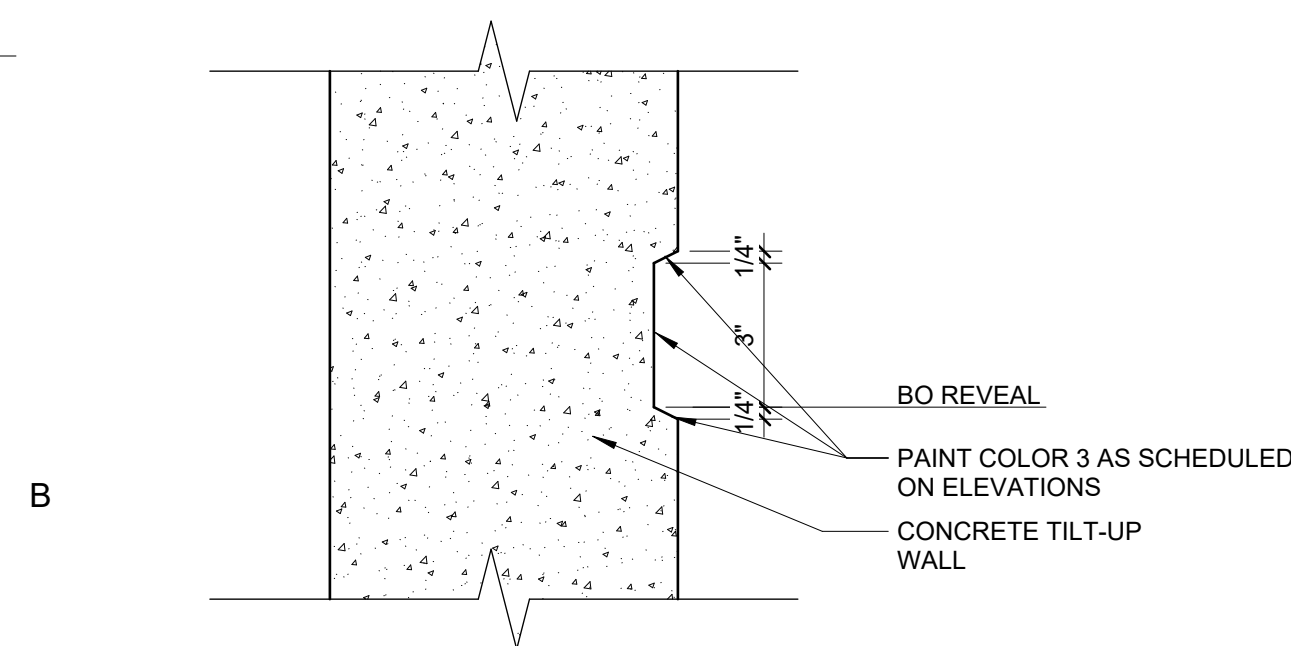
2E TYP. DETAIL @ MITERED OUTSIDE CORNER
B-A501 3" = 1'-0"

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

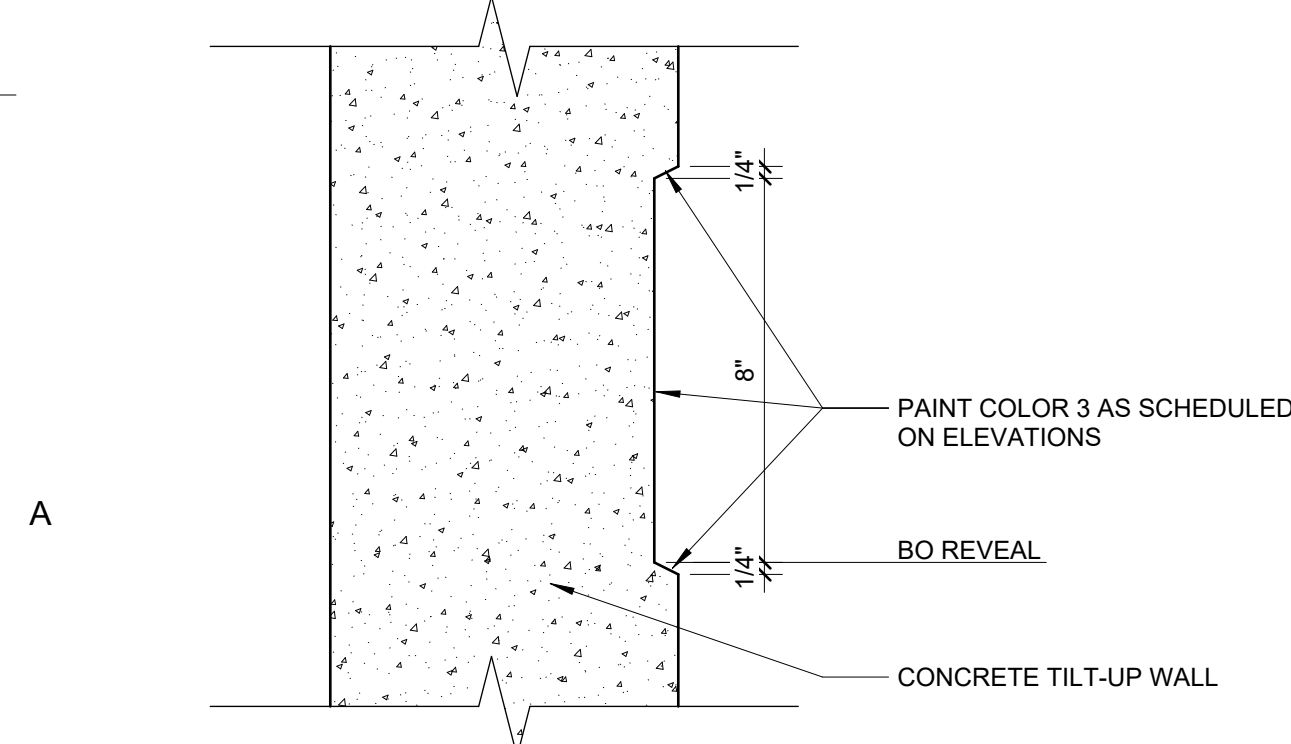


1C CONC. PANEL 1" REVEAL
B-A501 3" = 1'-0"

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



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

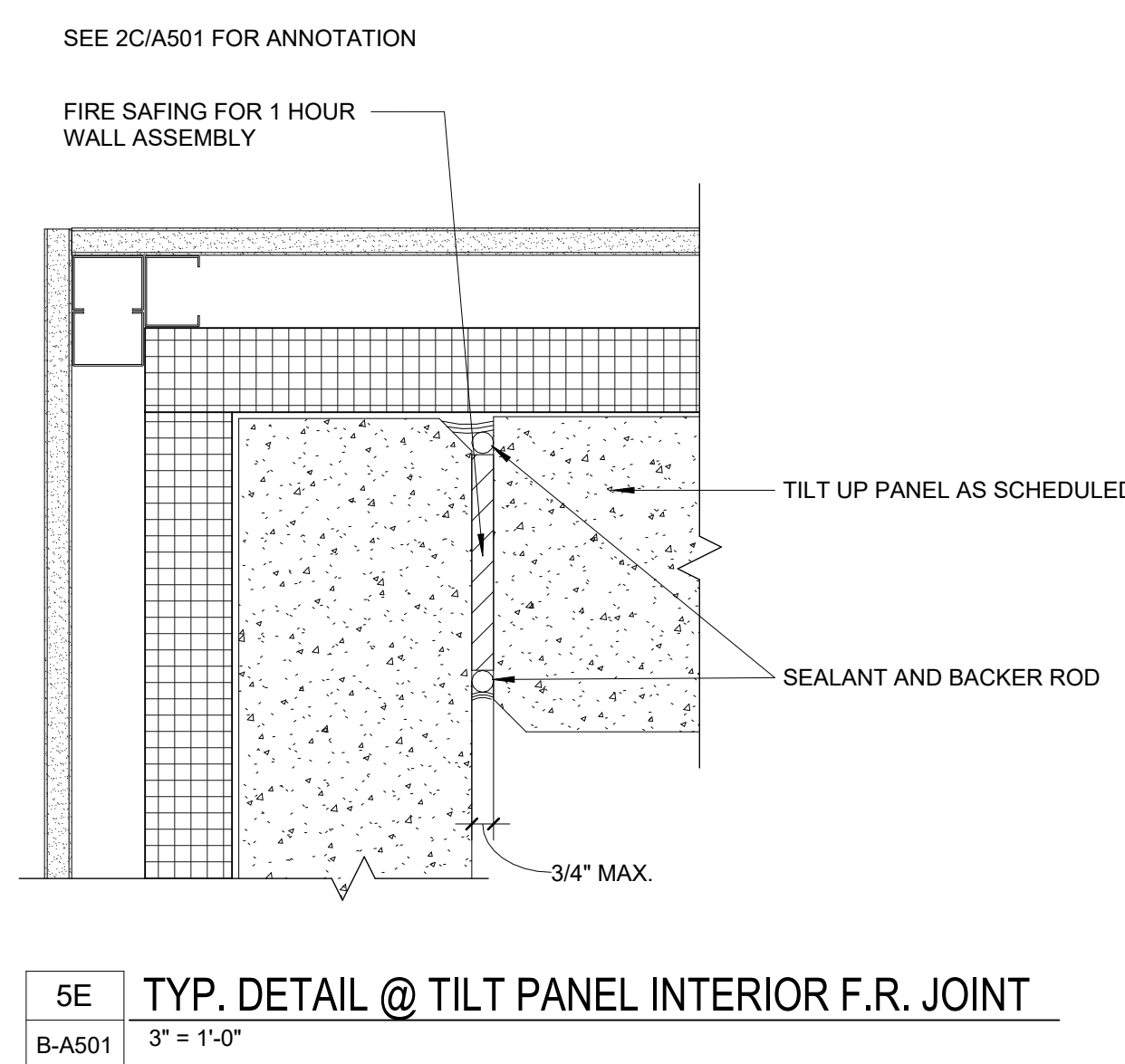
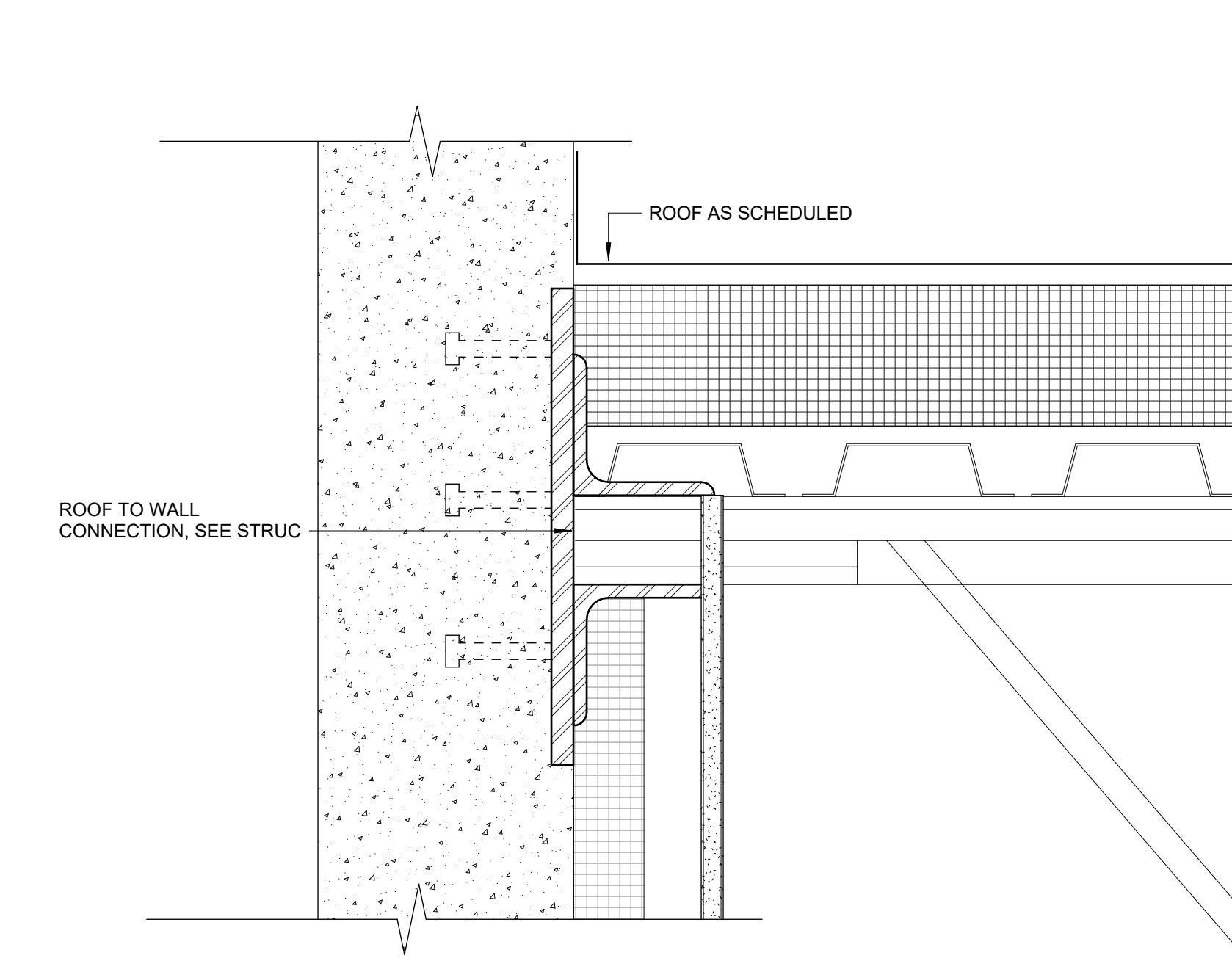


1A CONC. PANEL 8" REVEAL
B-A501 3" = 1'-0"

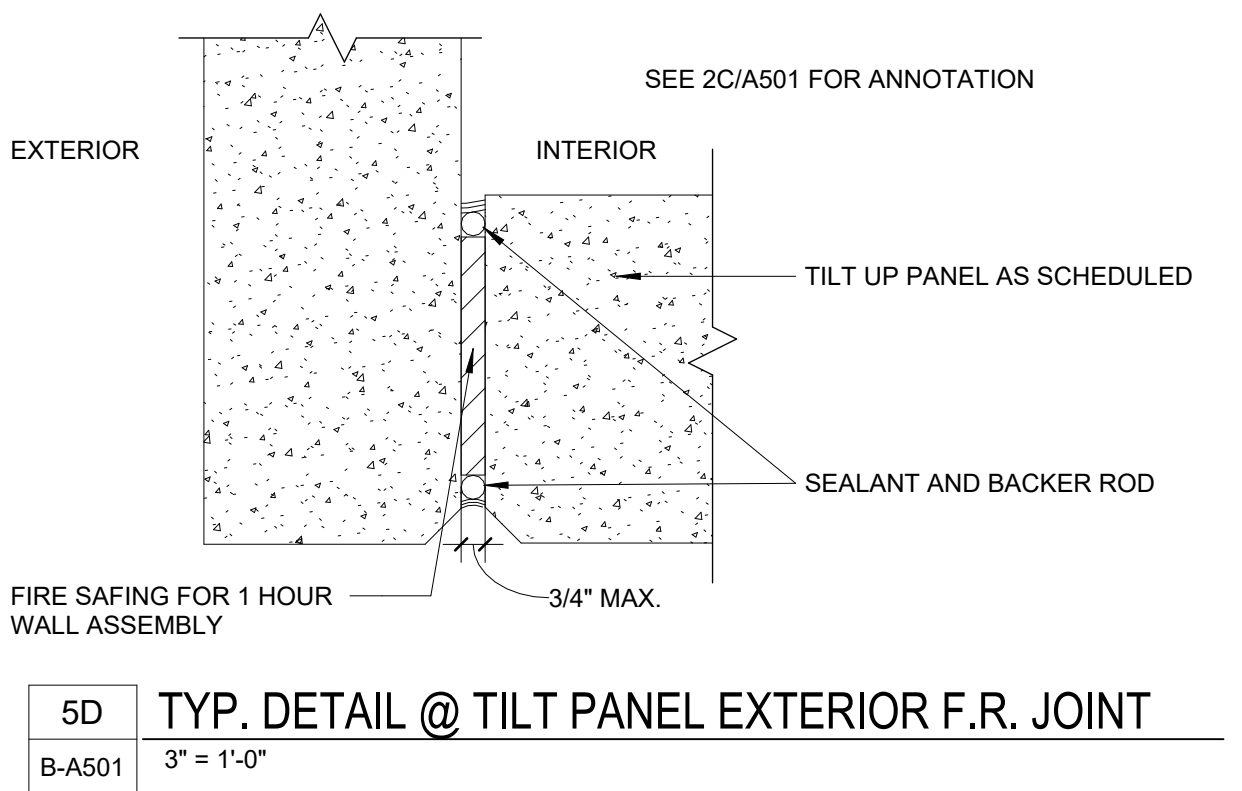
2A TYP. DETAIL @ TILT PANEL INSIDE CORNER
B-A501 3" = 1'-0"

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

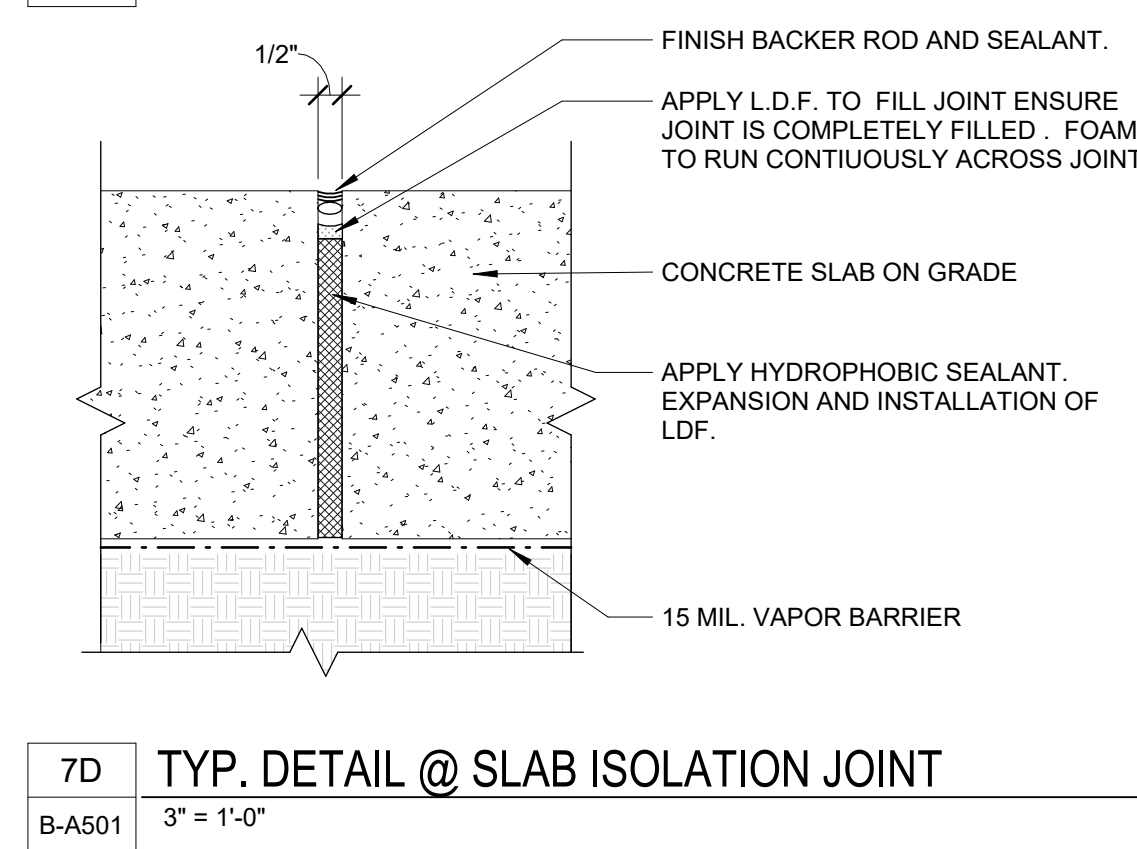
5A FLOOR SLAB TO WALL PANEL
B-A501 3" = 1'-0"



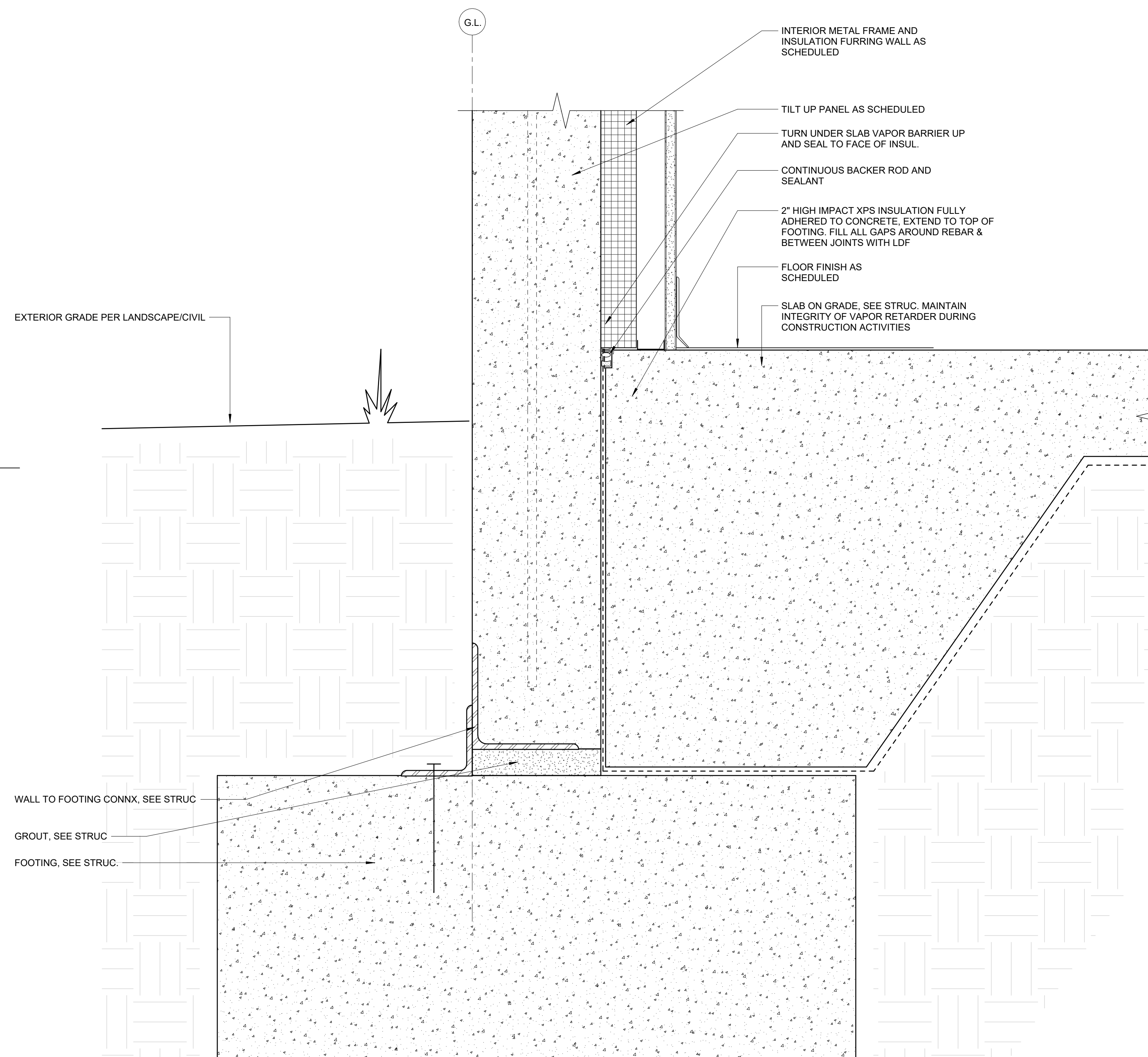
7E TYP. DETAIL @ SLAB SAW CUT JOINT
B-A501 3" = 1'-0"



5D TYP. DETAIL @ TILT PANEL EXTERIOR F.R. JOINT
B-A501 3" = 1'-0"

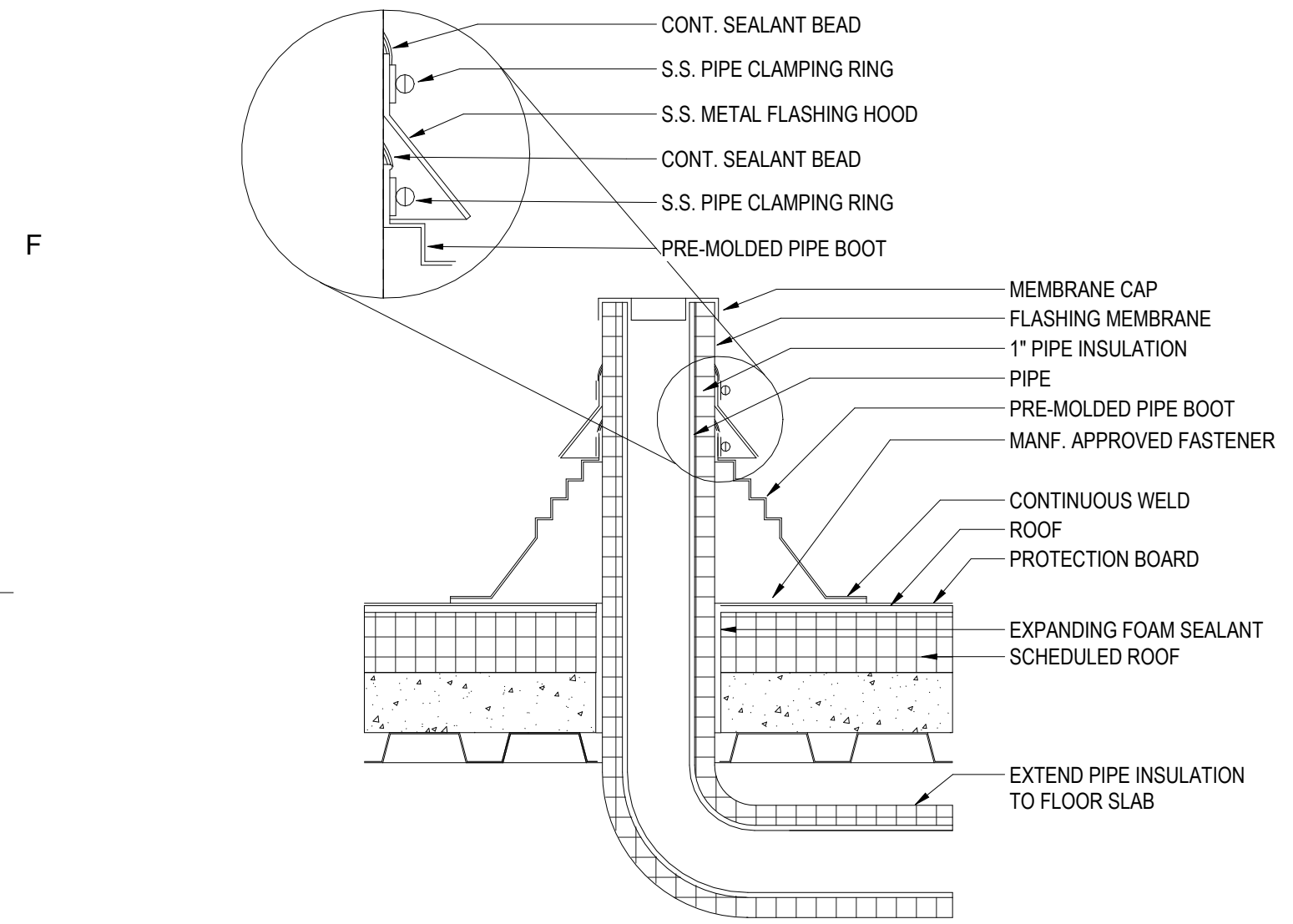


7D TYP. DETAIL @ SLAB ISOLATION JOINT
B-A501 3" = 1'-0"

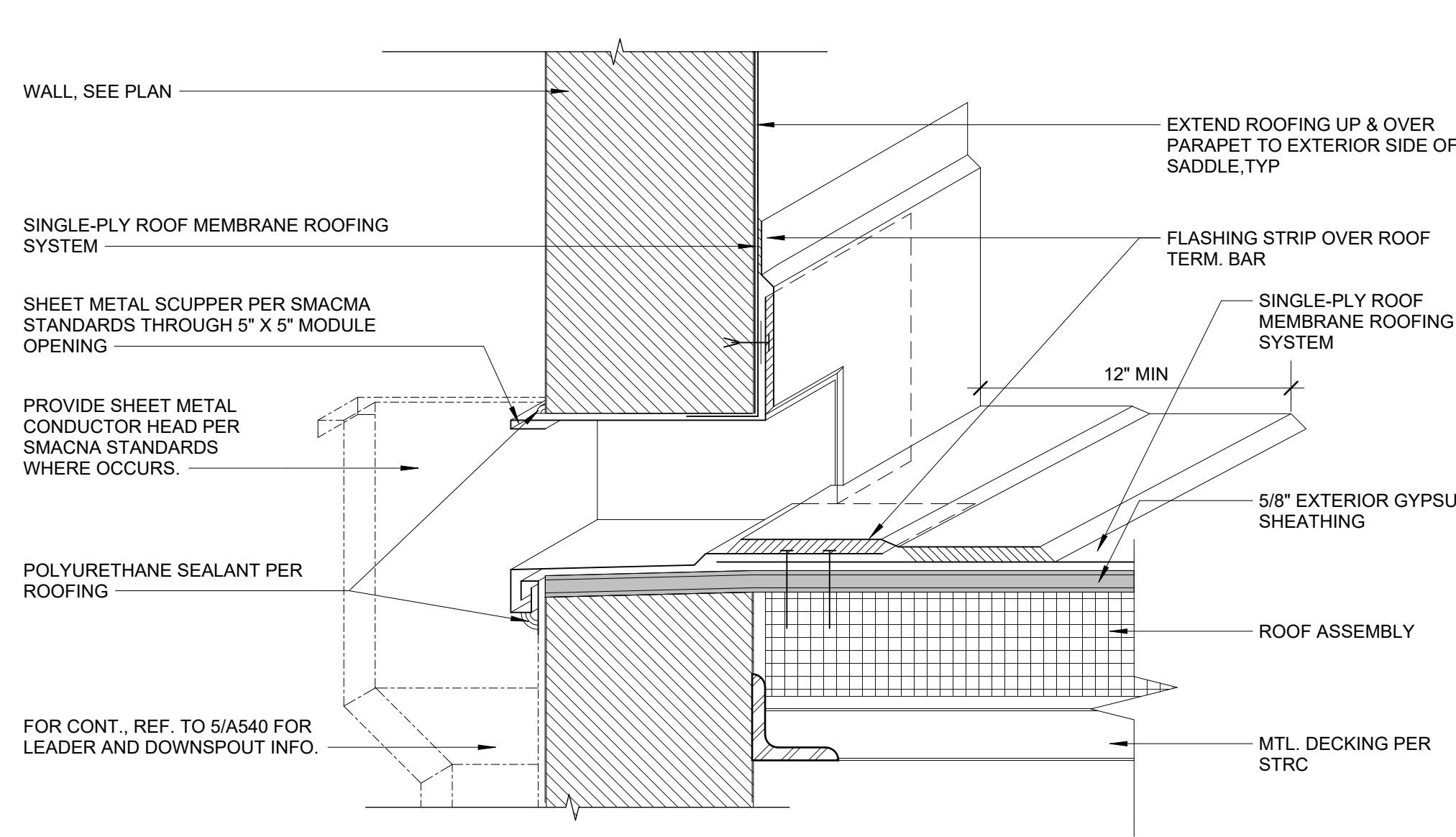


WALL TO FOOTING CONNX. SEE STRUC.
GROUT. SEE STRUC.
FOOTING. SEE STRUC.

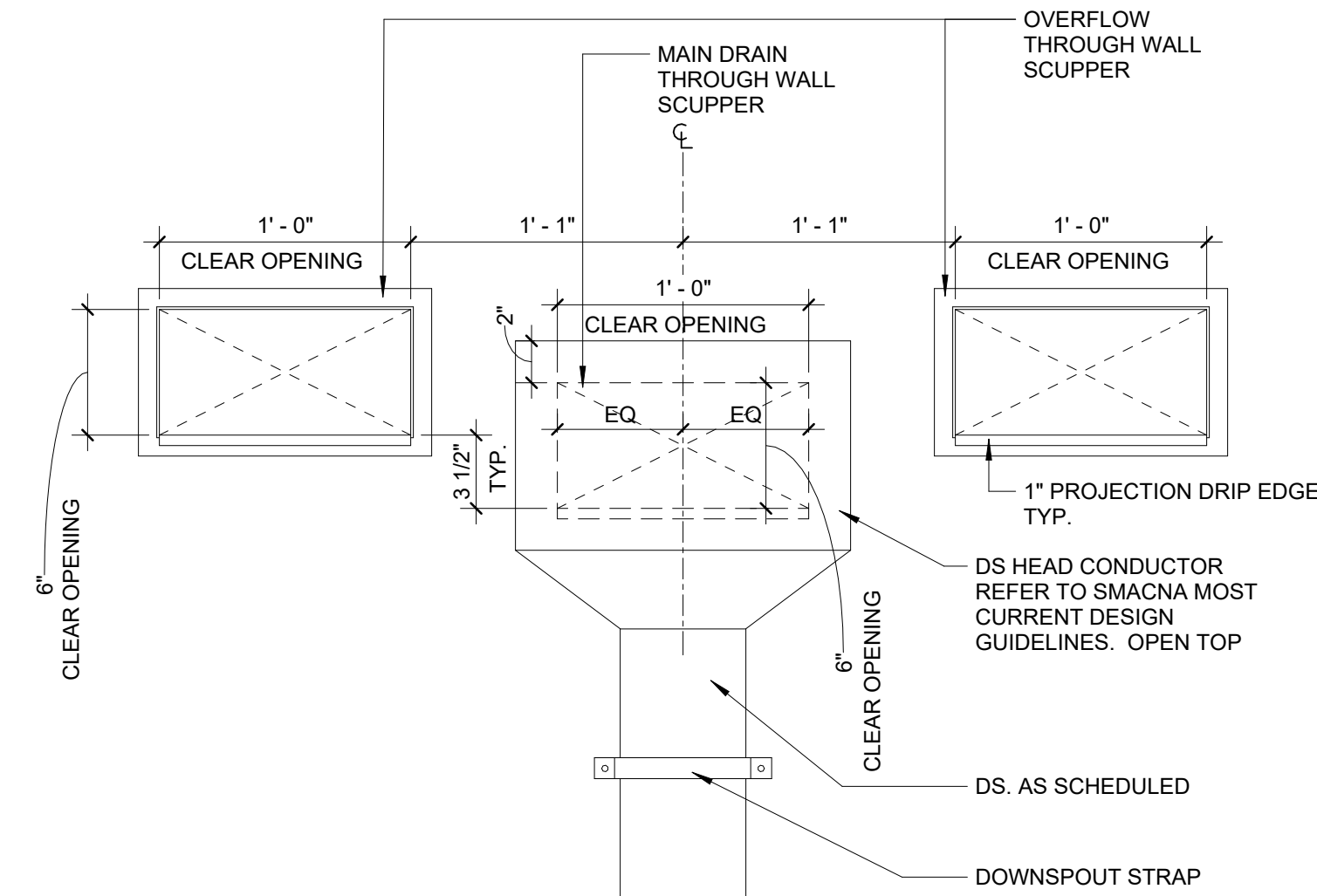
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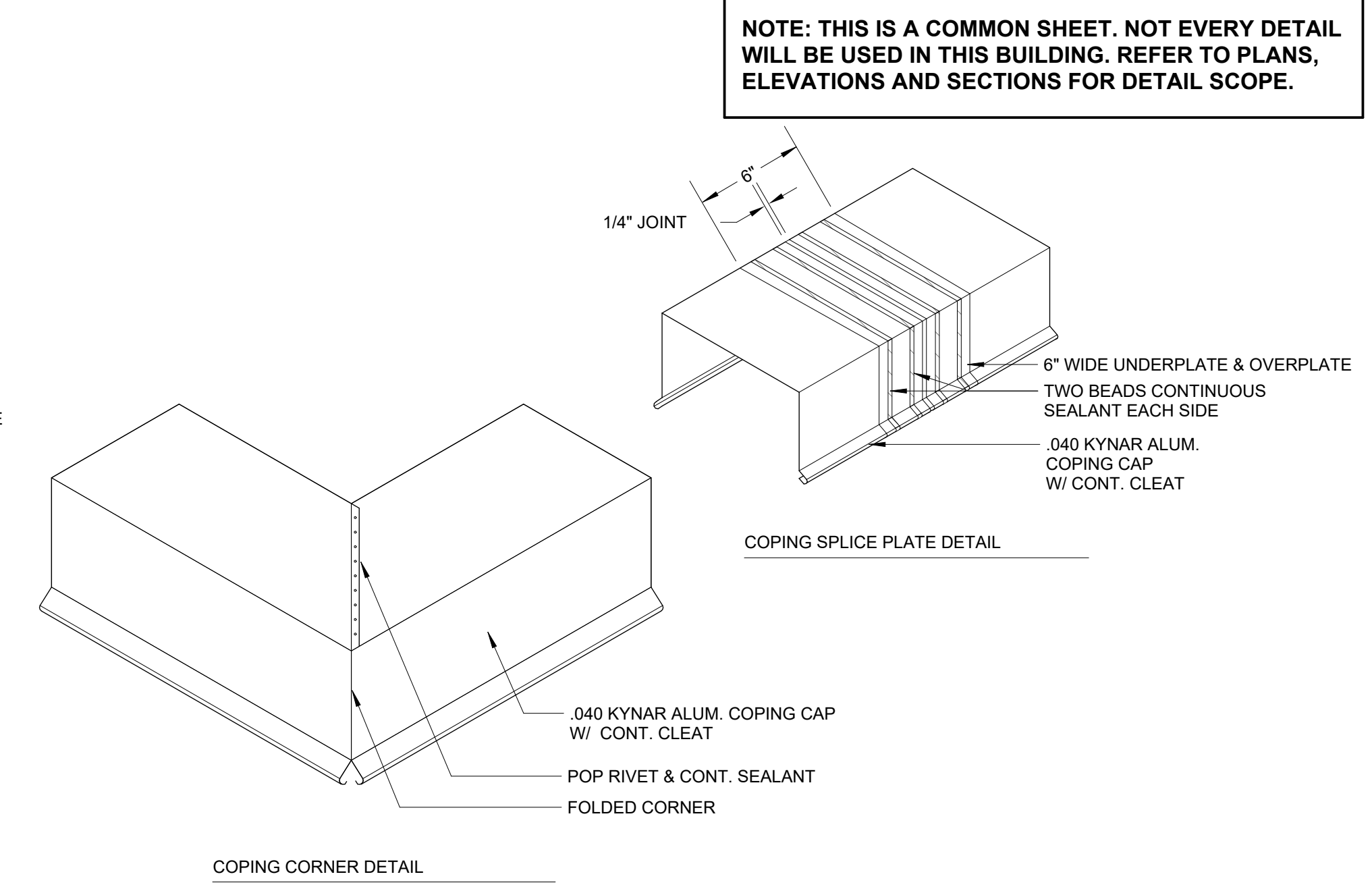
1E TYP. PENETRATION THROUGH ROOF
B-A512 12" = 1'-0"



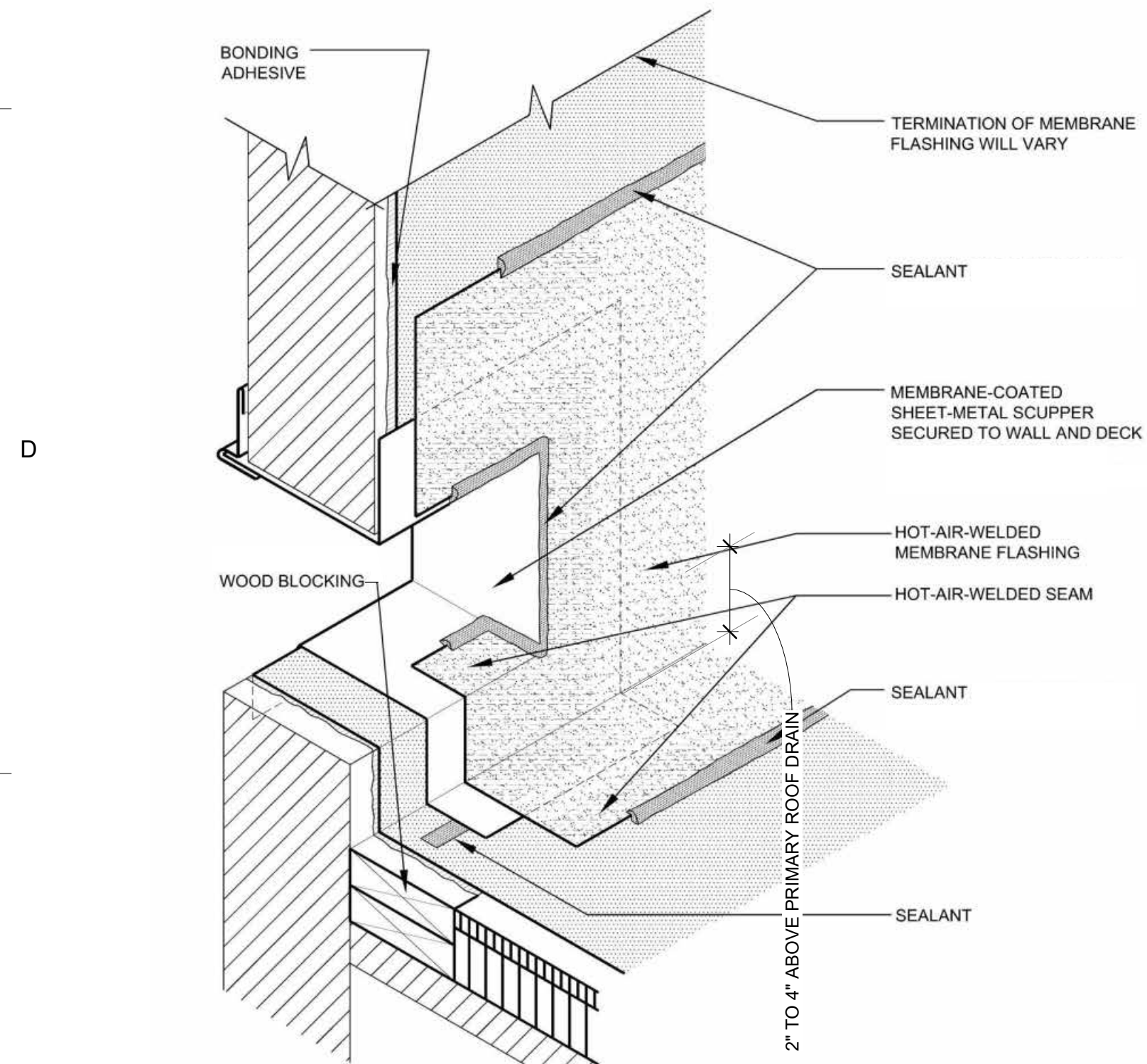
2E TYP SCUPPER THROUGH WALL DETAIL
B-A512 3\"/>



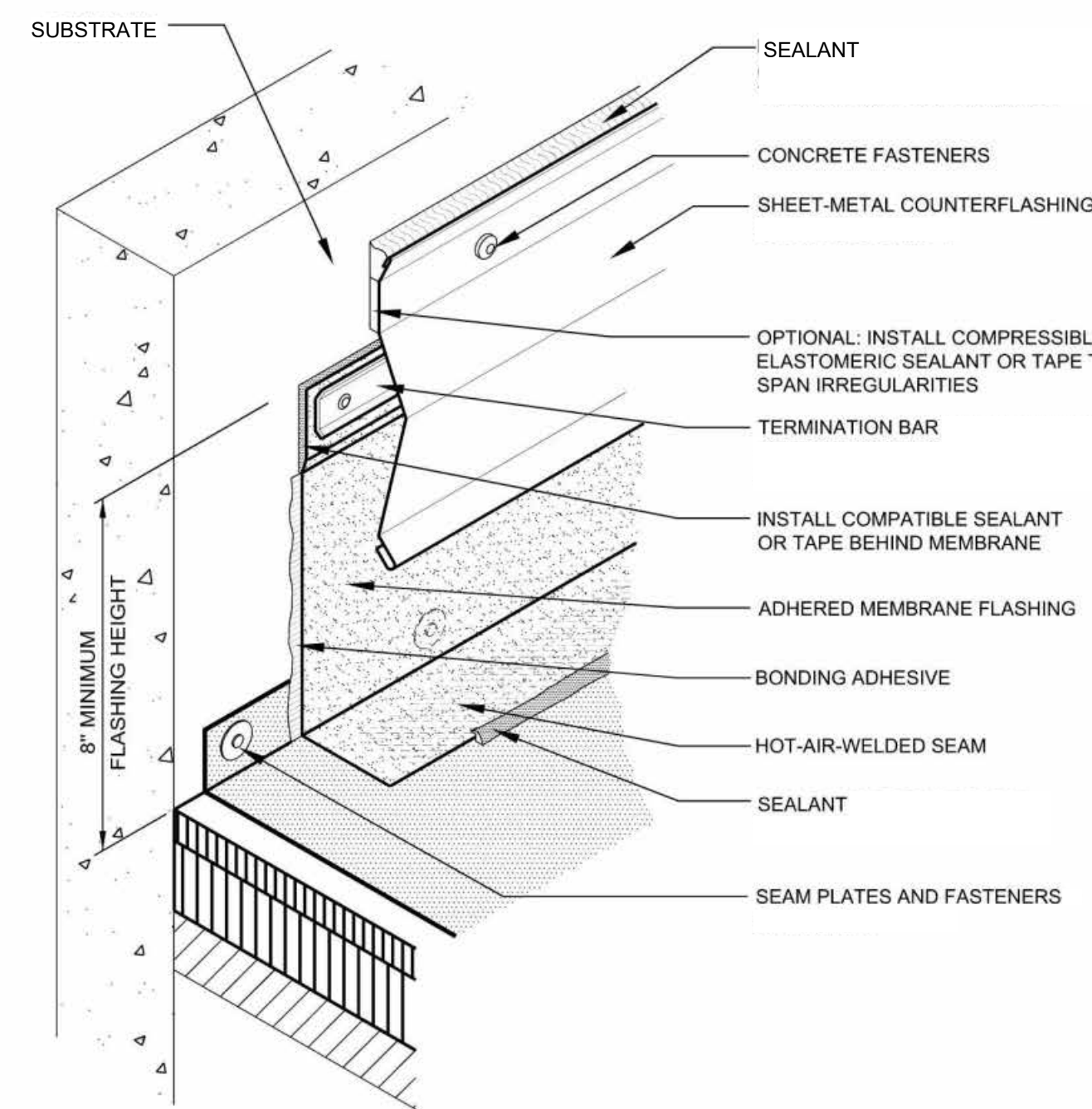
4E SCUPPER AND CONDUCTOR HEAD ELEVATION
B-A512 1 1/2\"/>



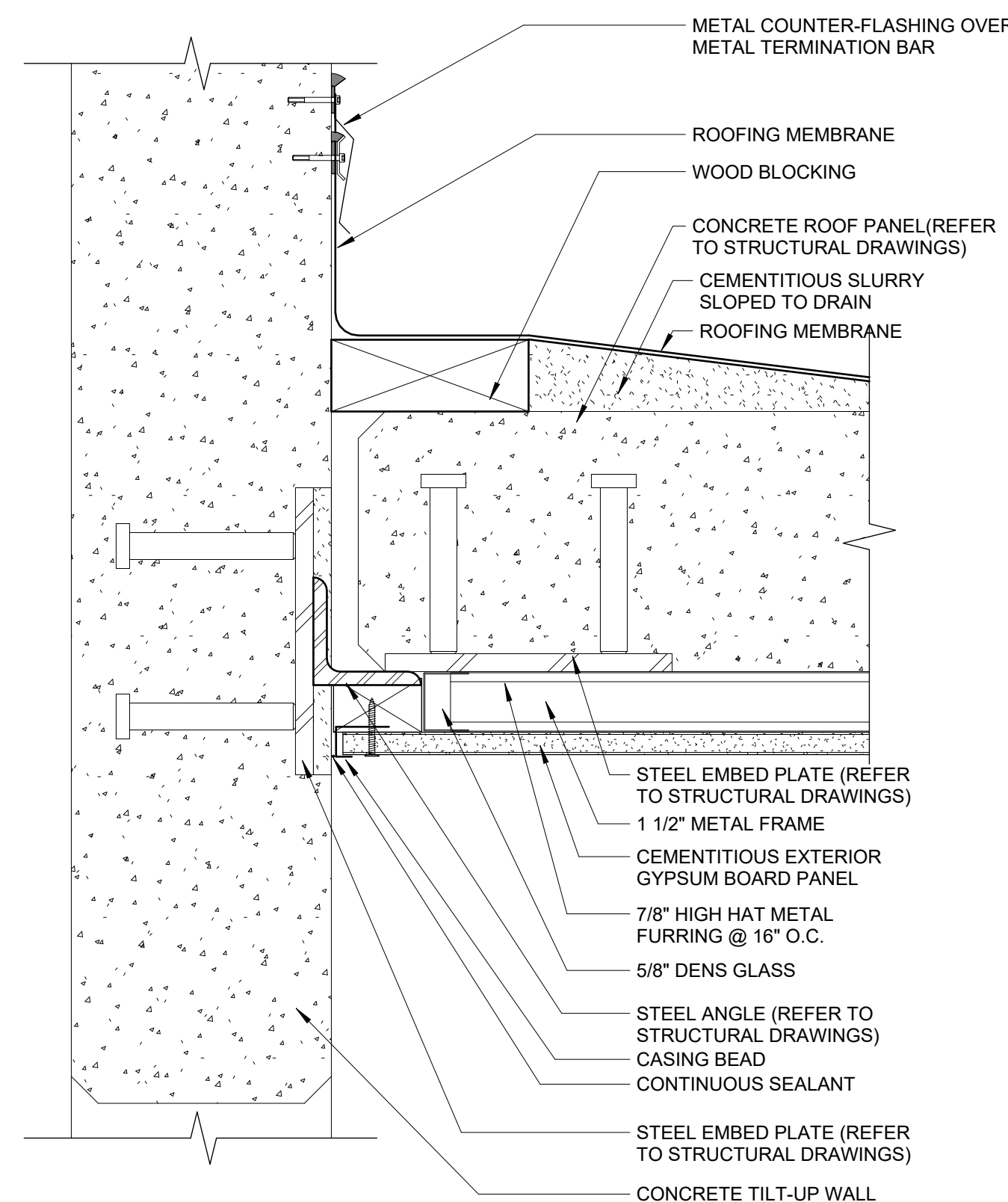
6E ROOF DETAIL - TYP. COPING CAP
B-A512 3\"/>



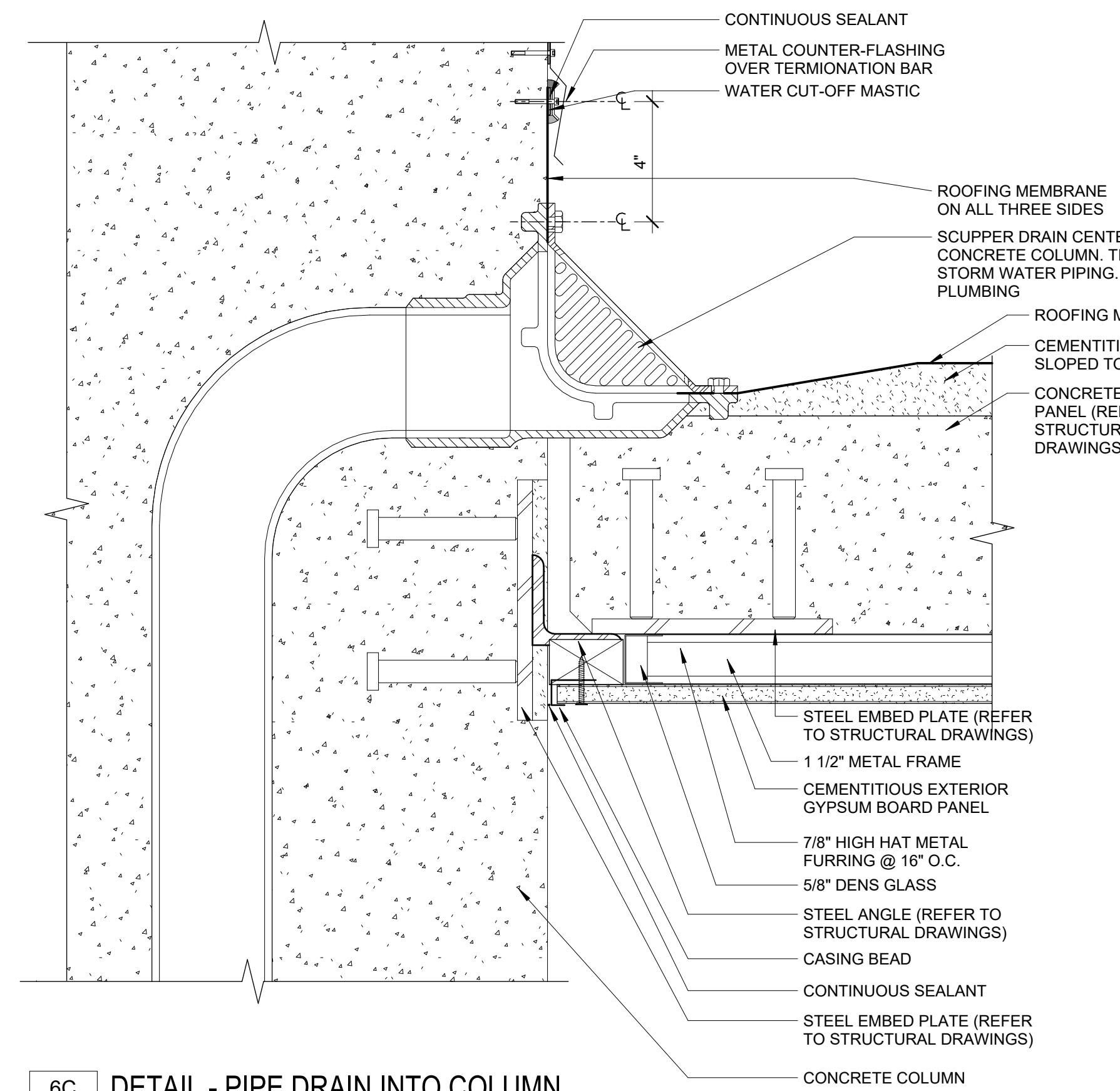
1C BASE FLASHING AT OVERFLOW SCUPPER
B-A512 1\"/>



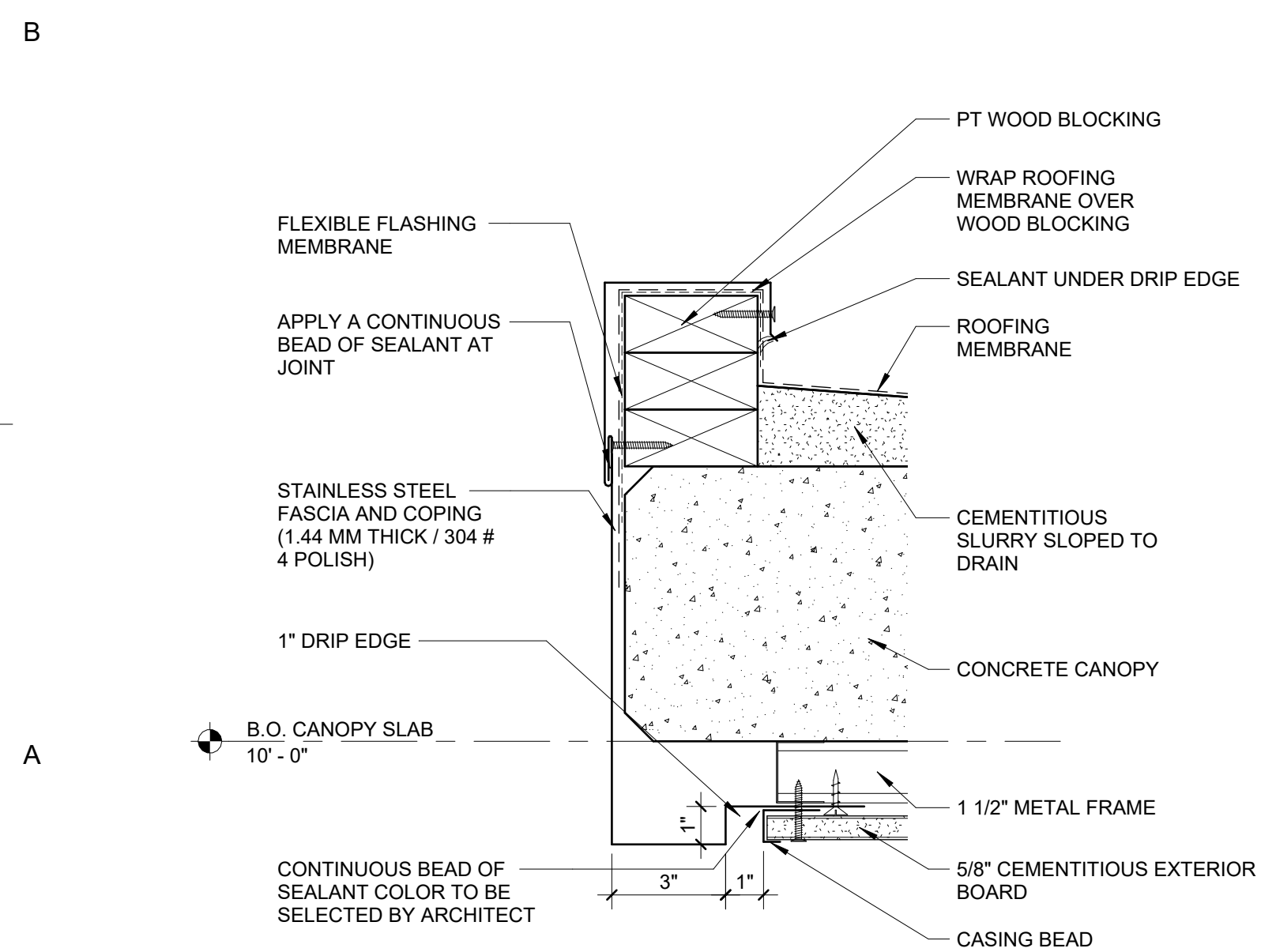
2C TERMINATION BAR DETAIL
B-A512 1\"/>



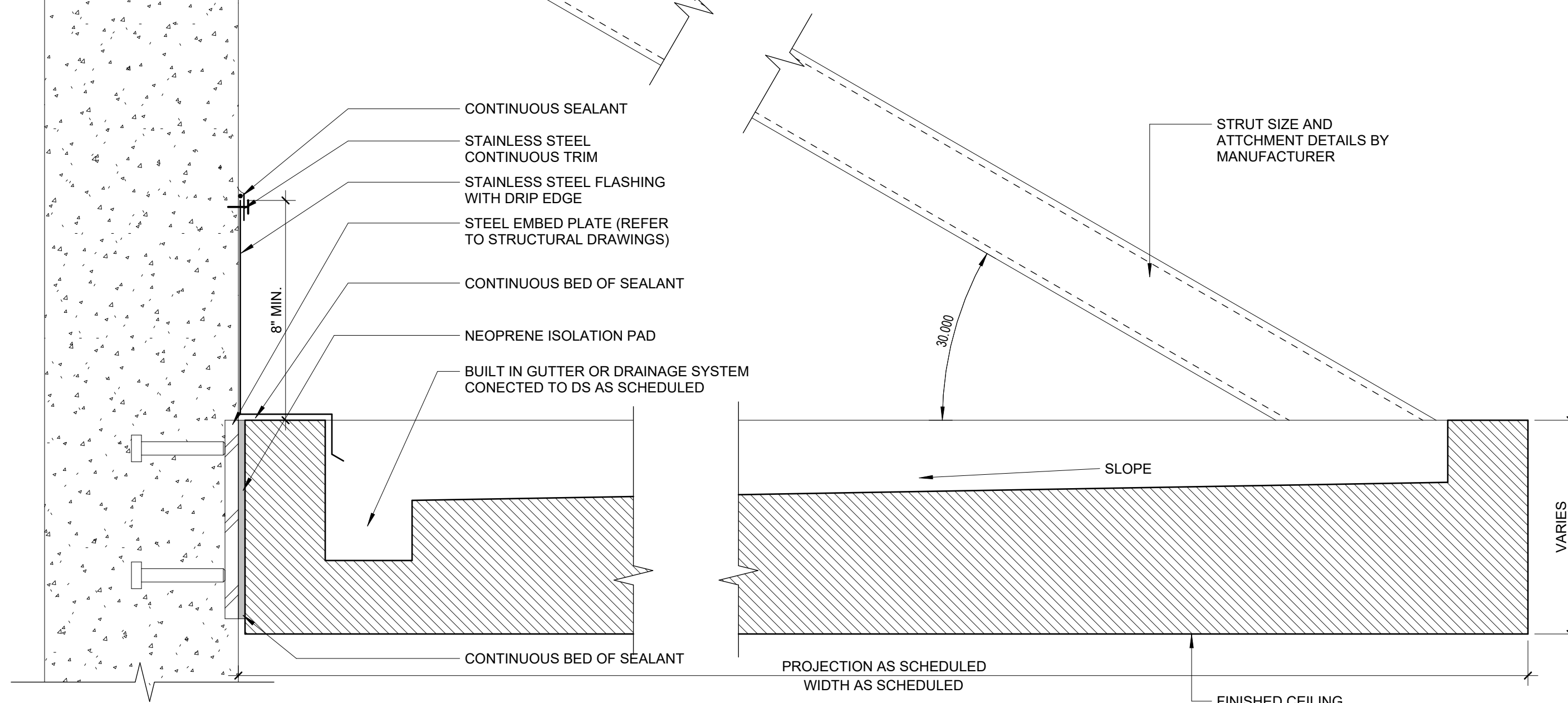
4C DETAIL - CONCRETE TILT WALL CANOPY
B-A512 3\"/>



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



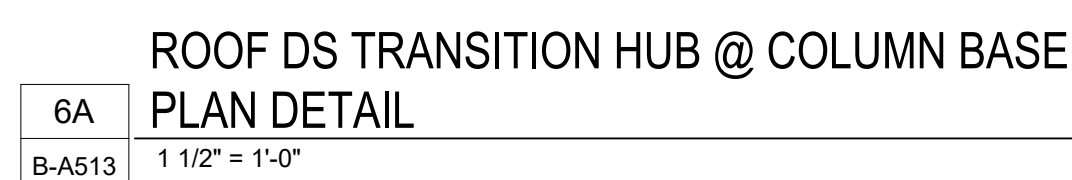
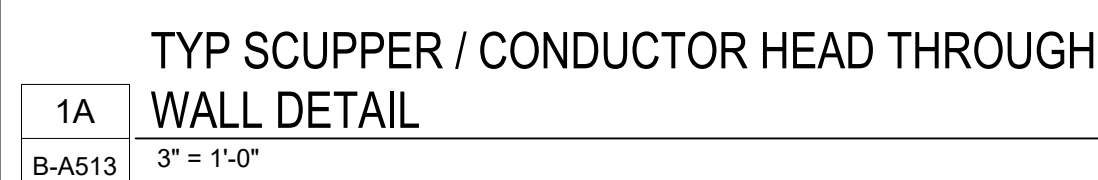
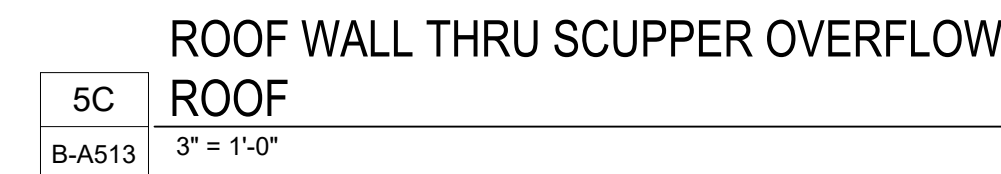
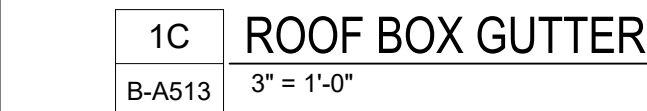
1A DETAIL - CONCRETE CANOPY FASCIA
B-A512 3\"/>



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

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F

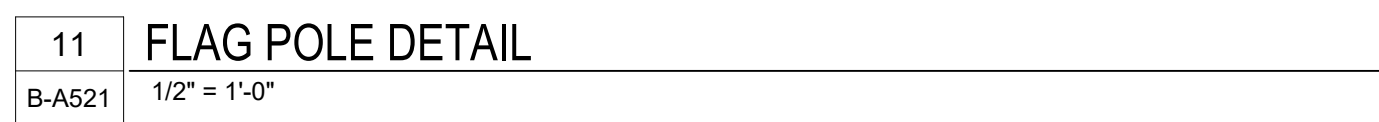
E

D

C

B

A



* SEE SPECS FOR

H	30°	C	2° - 0°
A	3° - 0°	D	6"
B	3° - 0°	E	12" Ø

★ ★ GROUND SLEEVE
FABRICATED FOR

GROUND SLEEVE
FABRICATED FROM 16
GA GALV. STEEL (MIN.)
W. A SQUARE GALV.
STEEL BASE PLATE OF
DIMENSION "E" + 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.)

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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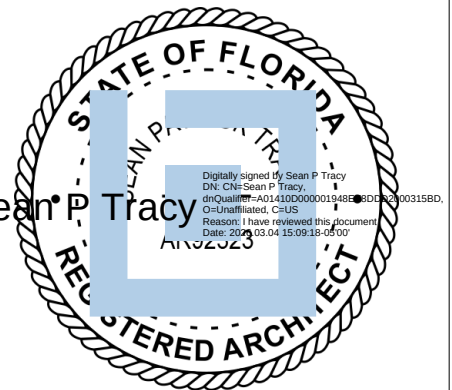
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Little 2026



CONSTRUCTION DOCUMENTS

EXPIRATION DATE
02/25/2026

QUESTIONS		
Q. NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE
KEAN TRACY

PROJECT MANAGER
BENJAMIN BOYLES

SIGN TEAM
PL COMMUNITY

PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE CO.

PROCESSING & SERVICE
CENTER - BUILDING B -
TRUCK STOCK

355 NW COUNTY ROAD 25A,
LAKE CITY, FL

14C633800

14C632800
ET TITLE

SITE DETAILS

ET NUMBER

B-A521

1

2

3

4

5

6

7

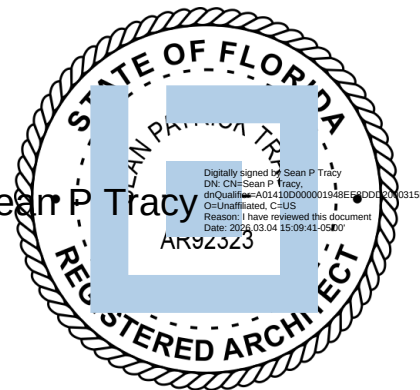
NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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.



ISSUE FOR
CONSTRUCTION
DOCUMENTS

ISSUE DATE
02/25/2026

REVISIONS
NO. REASON DATE

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 B -
TRUCK STOCK

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

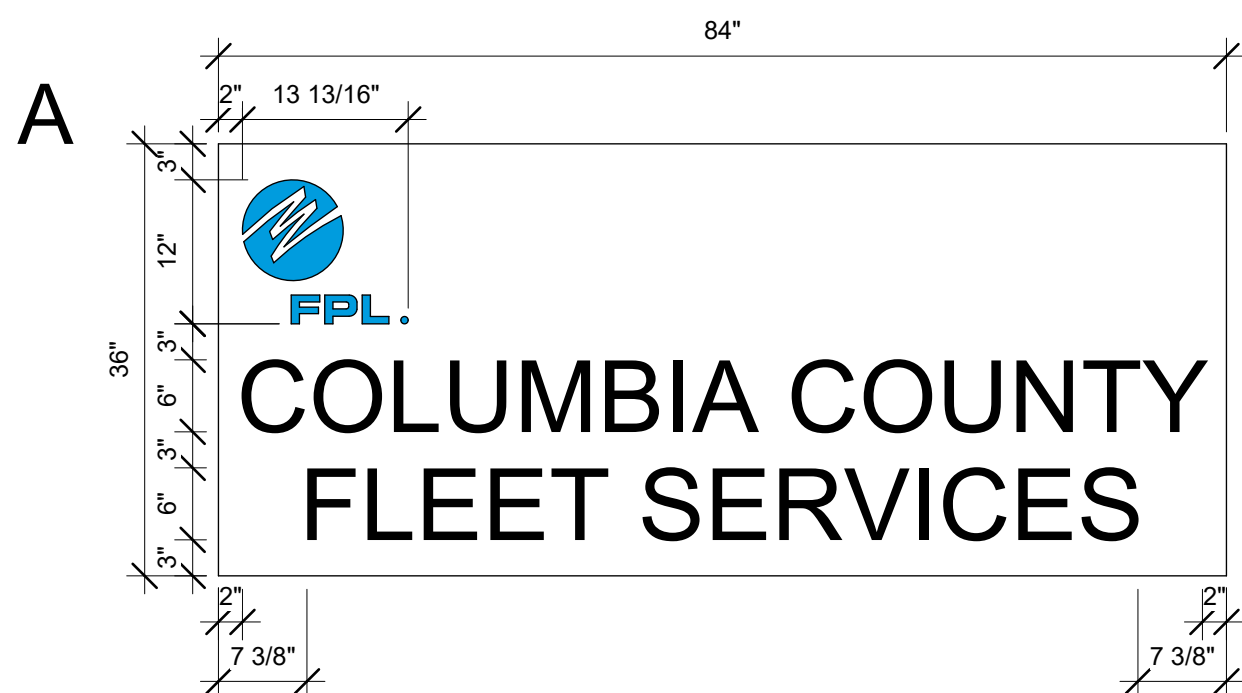
SHEET TITLE
SIGNAGE DETAILS

SHEET NUMBER

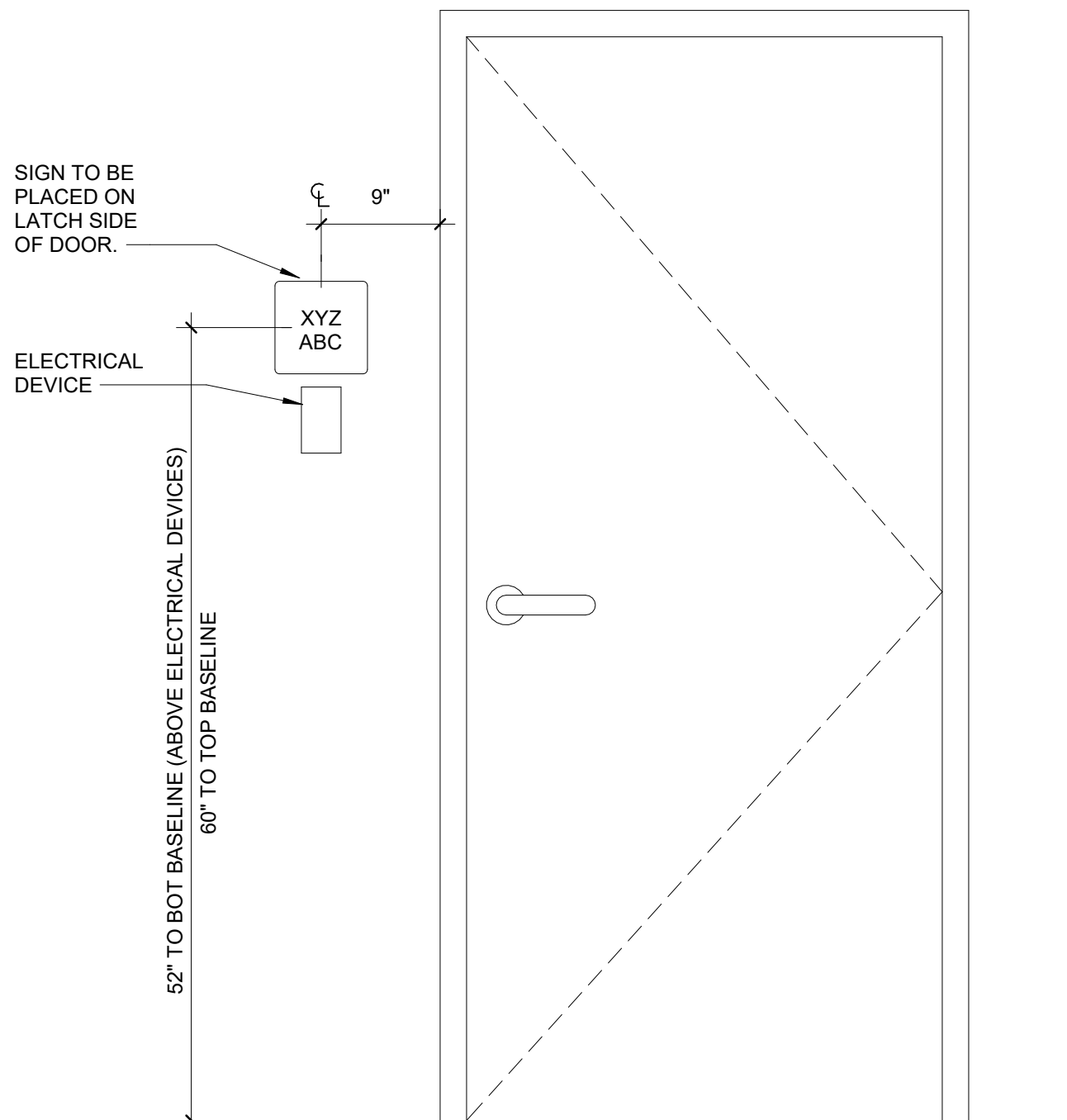
B-A601

FLUSH MOUNTED

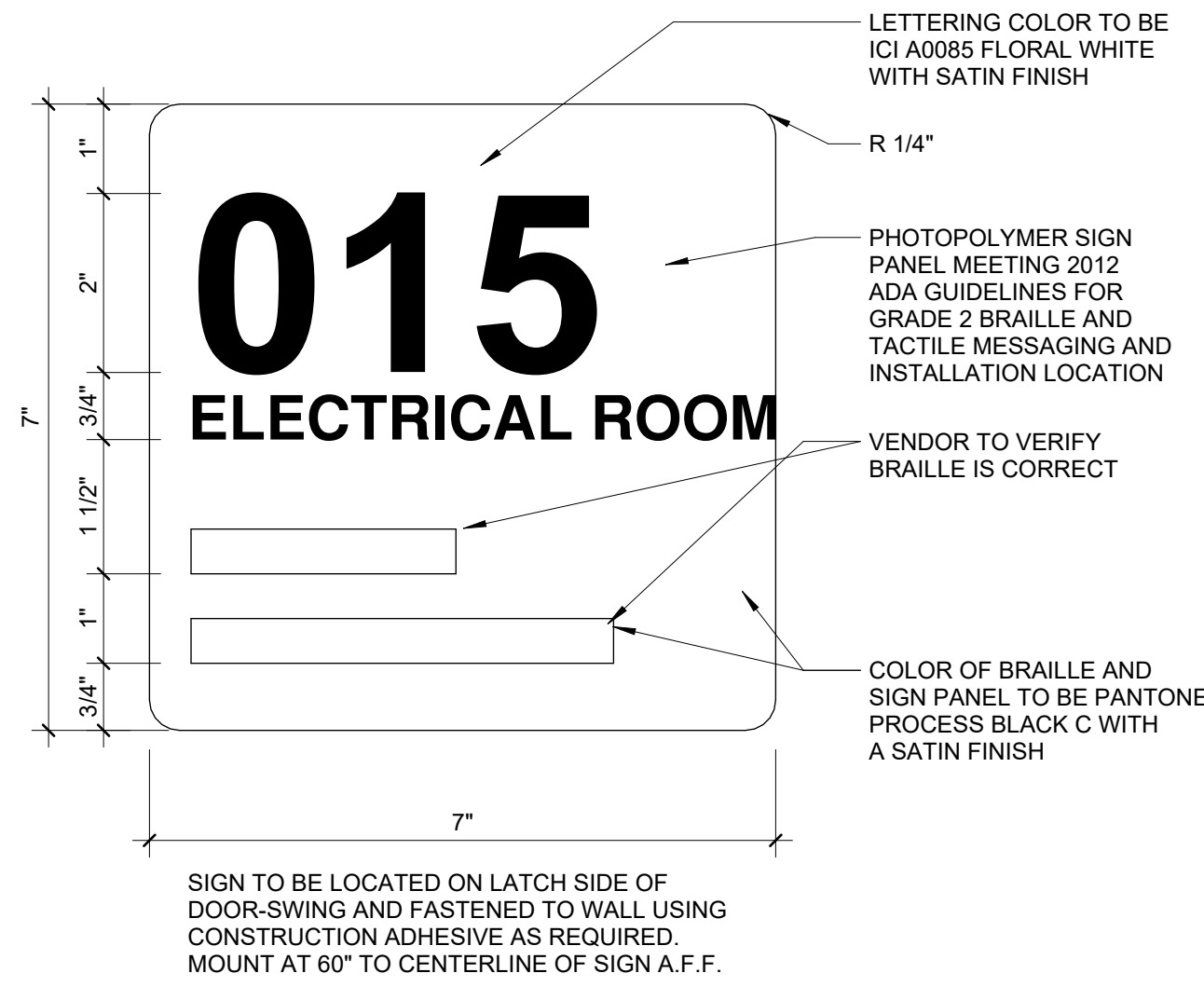
1 ADDRESS NUMBERS MOUNTING DETAIL
B-A601 NOT TO SCALE



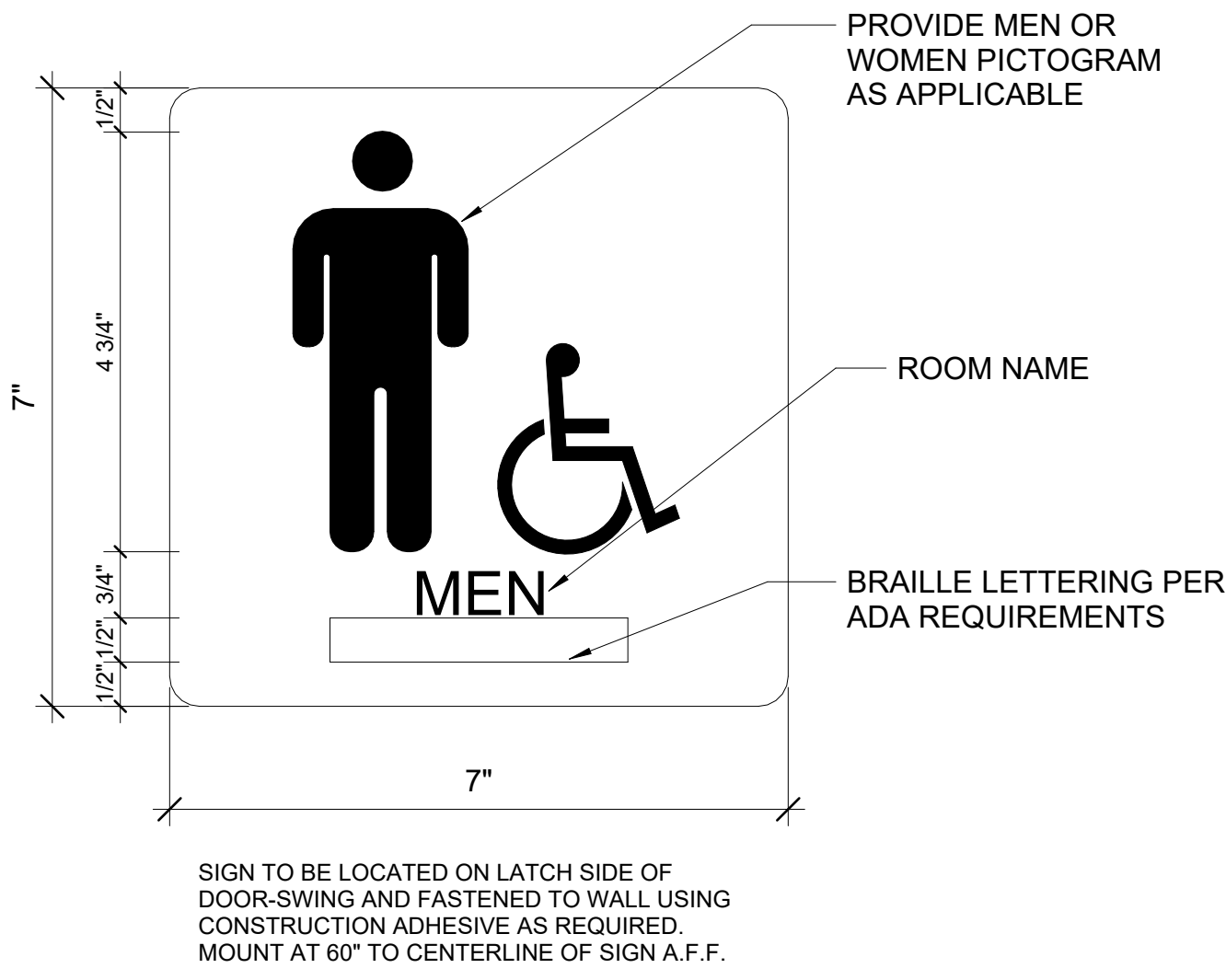
3 BUILDING SIGNAGE TYPE 2X - BUILDING DESIGNATION
B-A601 3/4" = 1'-0"



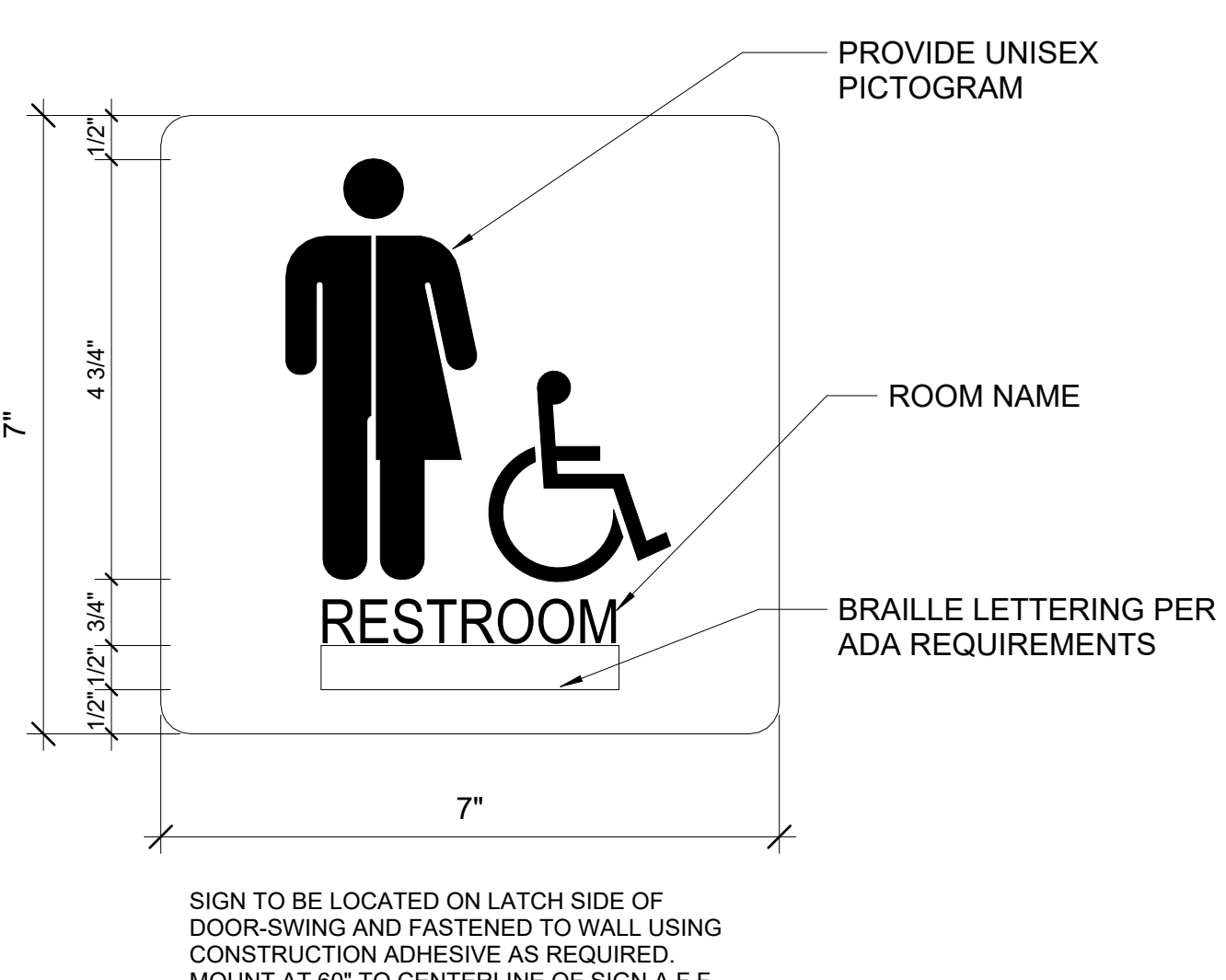
4 SIGNAGE PLACEMENT
B-A601 NOT TO SCALE



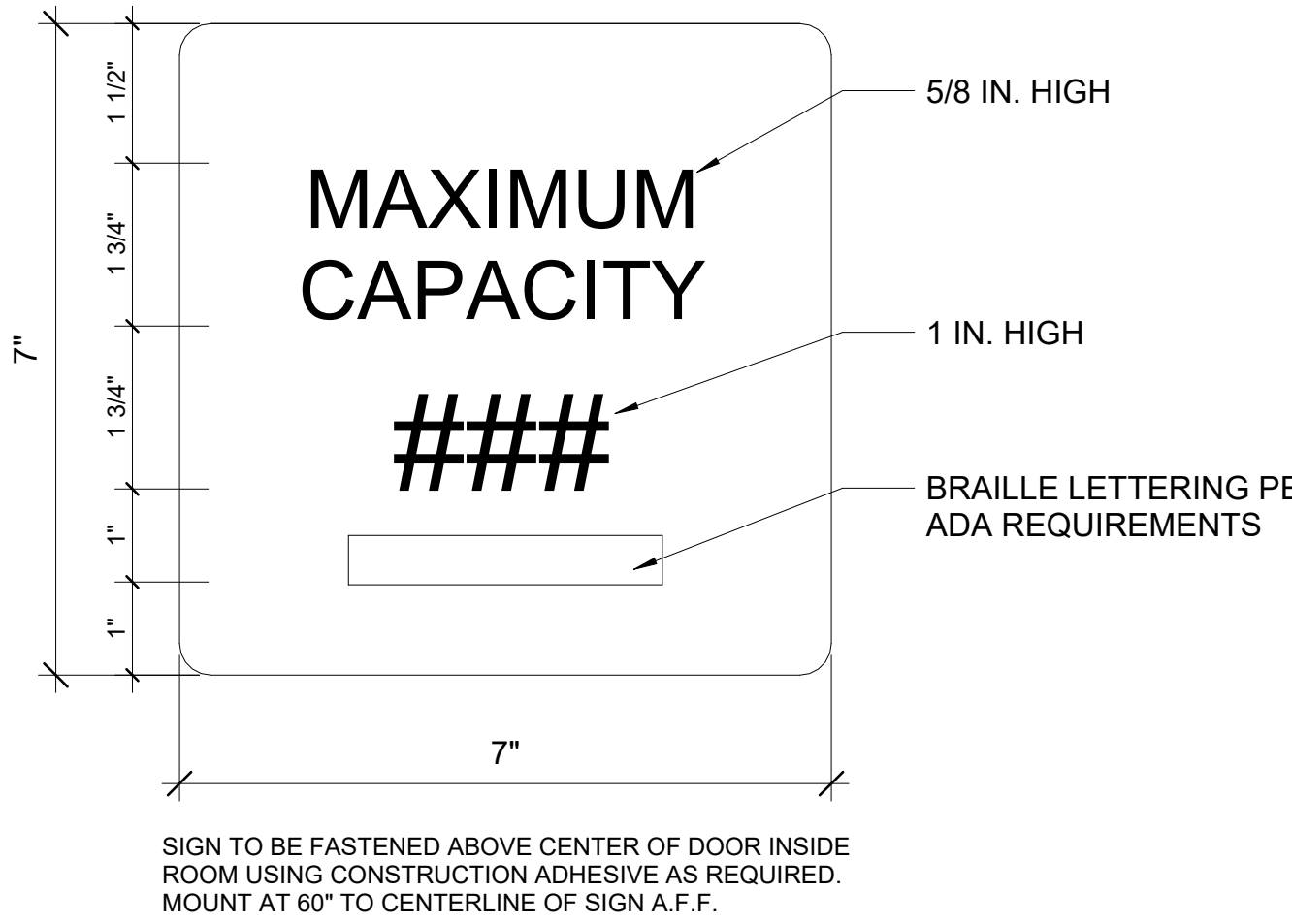
5 DOOR SIGNAGE TYPE A - TYP.
B-A601 NOT TO SCALE



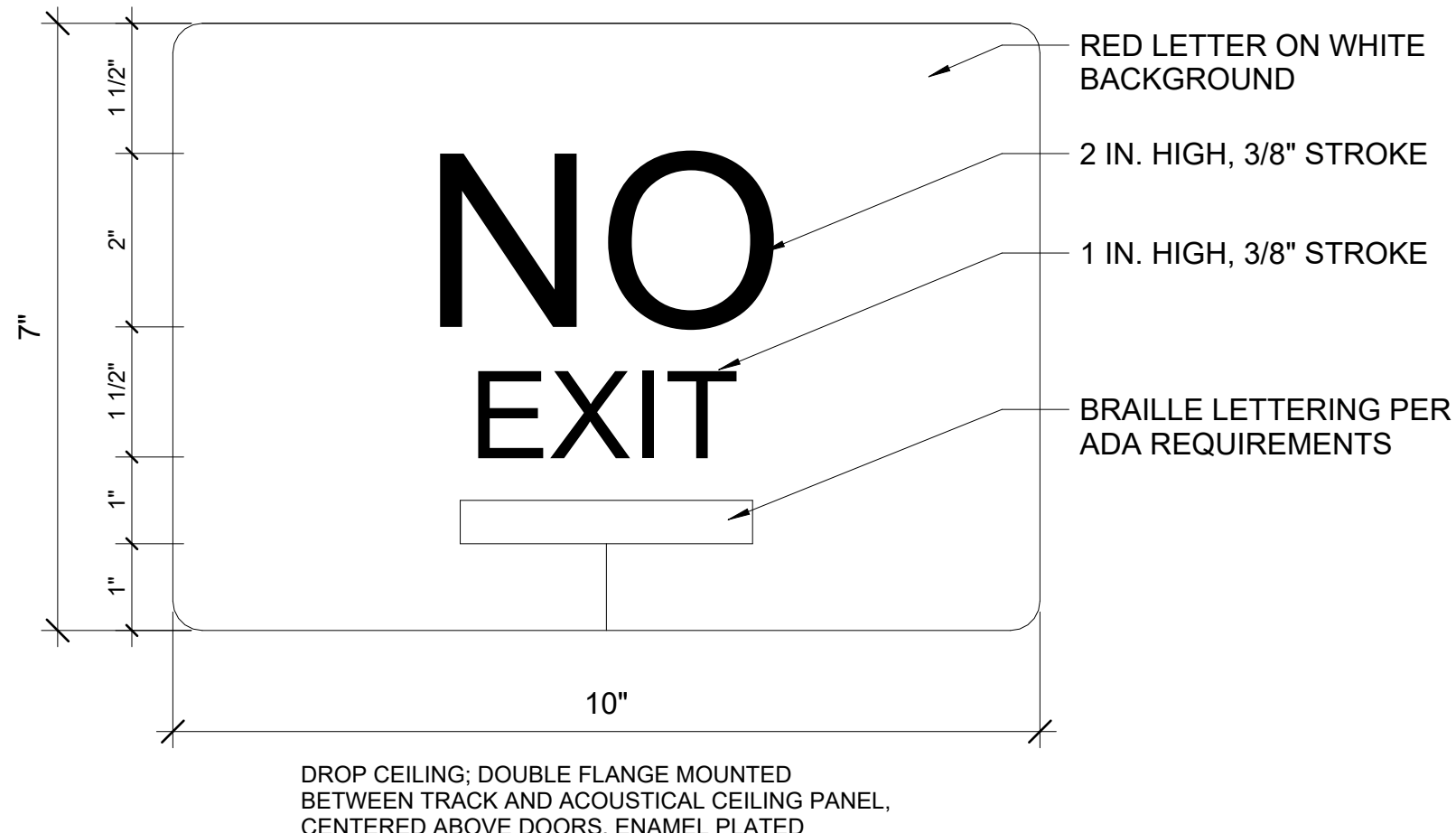
6 DOOR SIGNAGE TYPE B - RESTROOM DOOR
B-A601 NOT TO SCALE



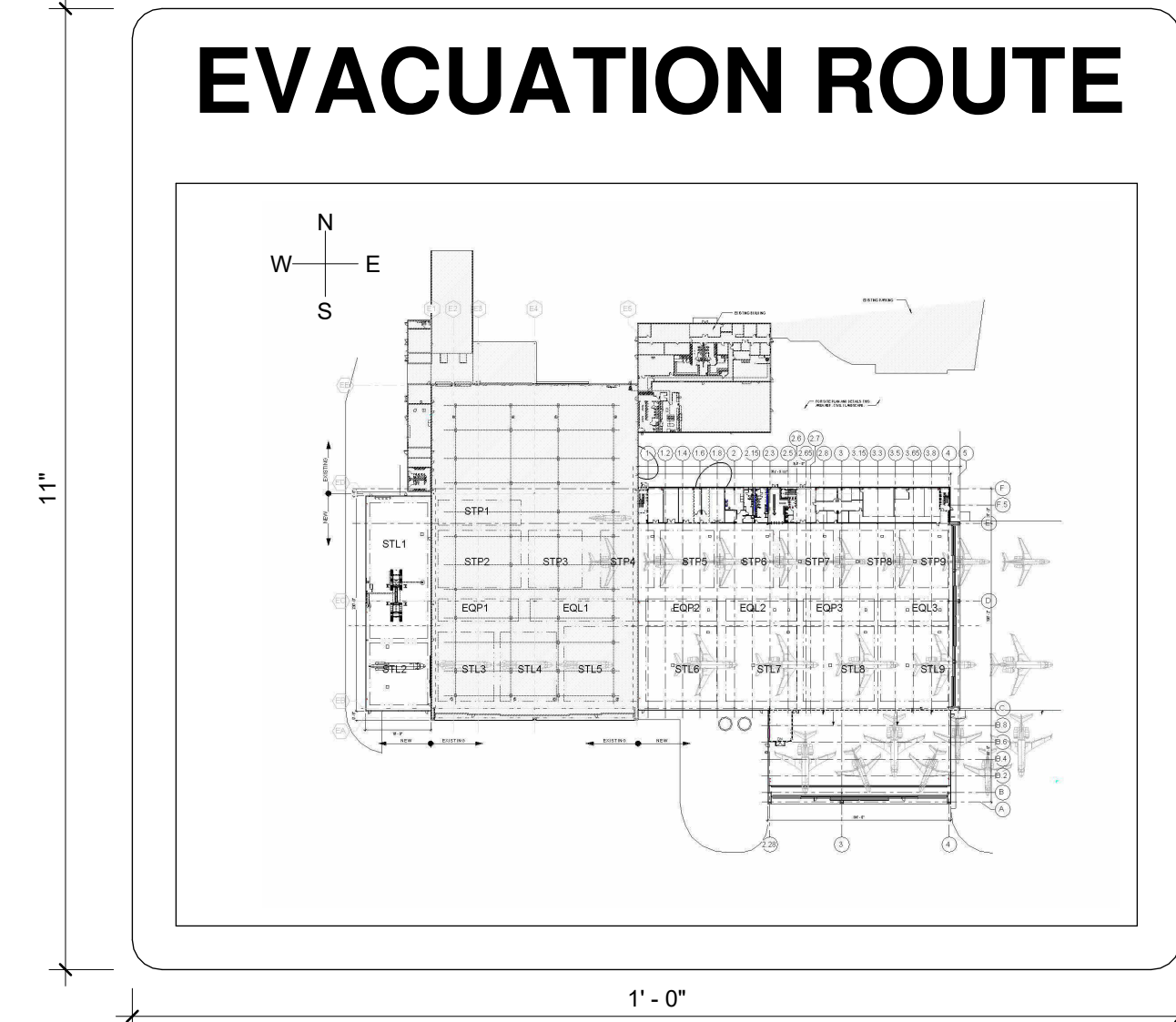
7 DOOR SIGNAGE TYPE C - RESTROOM DOOR
B-A601 NOT TO SCALE



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



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



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



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

DOOR SCHEDULE - BUILDING B																		
DOOR NUMBER	DOOR TYPE	NOMINAL OPENING		DOOR					FIRE RATING	FRAME			FRAME DETAILS			ELECTRONIC FUNCTION	HDWE SET	REMARKS
				THICKNESS	DOOR MATERIAL	CORE MATERIAL	DOOR FINISH	DOOR GLASS TYPE					HEAD	JAMB	SILL			
		WIDTH	HEIGHT															
LEVEL 01																		
101A	F	6' - 0"	7' - 0"	1 3/4"	HM	IC	PT	--	--	2	HM	PT	--	DH2	DJ2	DS2	03A	
101B	F	6' - 0"	7' - 0"	1 3/4"	HM	IC	PT	--	--	2	HM	PT	--	DH2	DJ2	DS2	03A	
102	CL3	3' - 0"	7' - 6 1/2"	1 3/4"	STL	-	VC				MFR	STL	VC	MFR	MFR	MFR	33	SCHEDULE NOTE #2

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

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

G3 - TEMPERED GLASS (1/4" CLEAR TEMPERED)

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

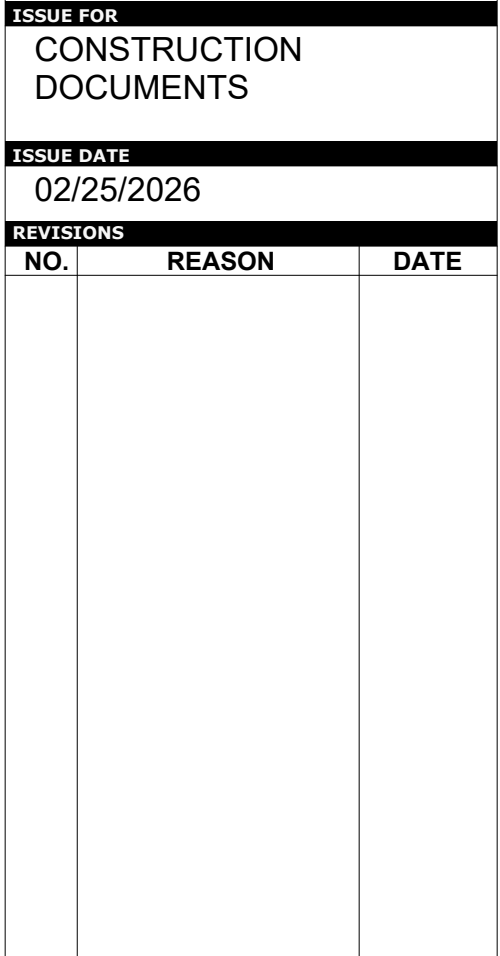
1. PROVIDE SIGNAGE, SEE A-131F FOR SIGNAGE PLACEMENT AND 0-A601 FOR SIGNAGE DETAIL.
2. MANUFACTURER'S STANDARD THICKNESS AND ANCHORAGE DETAILS.
3. REFER TO STOREFRONT ELEVATIONS FOR PERIMETER DETAILS.
4. REFER TO FRAME ELEVATIONS FOR PERIMETER DETAILS.
5. ALL HOLLOW METAL DOOR LEAFS SHALL HAVE A CLOSER.
6. MOTORIZED OPERATOR WITH SENSOR BAR 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 AIRFLOW 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	
CMC	MINERAL CORE	WD	WOOD	MFR	MANUFACTURER
IC	INSULATED CORE	AL	ALUMINUM	FF	FACTORY FINISH
PC	PARTICLE CORE	GL	GLAZED	GALV	GALVANIZED
		HM	HOLLOW METAL		
		STL	STEEL		



SHEET NUMBER

B-A900



The image contains three technical drawings of exterior wall panels, labeled LH1, LJ1, and LS1. Each drawing shows a cross-section of the panel assembly, including the interior and exterior faces, and the connection to the floor.

- LH1:** Shows a panel with a concrete tilt wall panel, a metal louver (ref to mech), and a concrete sealant on a backer rod. The interior face is labeled "INTERIOR" and the exterior face is labeled "EXTERIOR".
- LJ1:** Shows a panel with a concrete tilt wall panel, a metal louver (see mech), a concrete sealant on a backer rod, and a concrete s.s. flashing set in full bed of sealant. The interior face is labeled "INTERIOR" and the exterior face is labeled "EXTERIOR".
- LS1:** Shows a panel with a concrete tilt wall panel, a metal louver (see mech), a concrete sealant on a backer rod, and a concrete s.s. flashing set in full bed of sealant. The interior face is labeled "INTERIOR" and the exterior face is labeled "EXTERIOR".

Common labels across the drawings include "ALUMINUM ATTACHMENT ANGLE AROUND PERIMETER CONT.", "REFER TO FLOOR PLANS FOR APPLICATION OF INTERIOR PARTITIONS", "CONCRETE TILT WALL PANEL", "CONT. S.S. DRIP", "CONT. SEALANT ON BACKER ROD", "METAL LOUVER (REF TO MECH)", and "CHAMFERED EDGES".

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 FH1

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 FJ1

EXTERIOR

CONCRETE SLAB. REFER TO FINISH PLAN FOR FLOORING
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). WEAP @ 12" OC
CONCRETE PAVING
CONTINUOUS SEALANT ON 1/2" COMPRESSIBLE FILLER
ALUMINUM SIL PAN W/ FULLY SOLDERED UP, TURNED BACK AND ENDS AND HEMMED FRONT EDGE

The image contains three architectural cross-section diagrams of door thresholds, labeled DH1, DJ1, and DS1. Each diagram shows a side view of a door frame assembly with various components labeled and dimensions indicated.

DH1: This diagram shows a door threshold assembly. The top part is a METAL STUD WALL WITH 5/8" GYPSUM BOARD EACH SIDE. SEE WALL TYPES FOR THROAT WIDTHS. Below this is a DOUBLE METAL STUD HEADER. The door frame is WRAP AROUND METAL FRAME WITH DOUBLE BEND AT THROAT (TYPICAL). The door is labeled DOOR PER SCHEDULE. The total width of the assembly is 6", with 2" on each side of the central 2" section. The door is shown in a closed position.

DJ1: This diagram shows a door threshold assembly. The top part is a METAL STUD WALL WITH 5/8" GYPSUM BOARD EACH SIDE. SEE WALL TYPES FOR THROAT WIDTHS. Below this is a DOUBLE METAL STUD JAMB. The door frame is WRAP AROUND METAL FRAME. The door is labeled DOOR PER SCHEDULE. The total width of the assembly is 6", with 2" on each side of the central 2" section. The door is shown in a closed position.

DS1: This diagram shows a door threshold assembly. The top part is a METAL STUD WALL WITH 5/8" GYPSUM BOARD EACH SIDE. SEE WALL TYPES FOR THROAT WIDTHS. Below this is a DOUBLE METAL STUD JAMB. The door frame is WRAP AROUND METAL FRAME. The door is labeled DOOR PER SCHEDULE. The total width of the assembly is 6", with 2" on each side of the central 2" section. The door is shown in a closed position. The threshold is labeled MARBLE THRESHOLD (AS SCHEDULED). The concrete slab is labeled CONCRETE SLAB, REFER TO FINISH PLAN FOR FLOORING.

Technical drawing of a window head detail. The drawing shows a cross-section of the window frame and the wall assembly. Key components and dimensions are labeled:

- 5/8" GYP BD ON METAL STUDS PER PARTITION TYPE DEFINITION**: Points to the top horizontal section of the wall.
- CONTINUOUS CAULKING (BOTH SIDES)**: Points to the caulk applied to the top of the window frame.
- HORIZONTAL SLIDING SERVICE WINDOW**: Points to the window frame.
- FACE OF WALL BELOW**: Points to the vertical wall surface below the window.
- SSM SHELF BELOW**: Points to the shelf below the window frame.
- 5/8" GYP BD ON METAL STUDS PER PARTITION TYPE DEFINITION**: Points to the bottom horizontal section of the wall.
- 2"**: Dimension for the distance from the face of the wall to the center of the window frame.
- 1 1/2"**: Dimension for the distance from the face of the wall to the center of the window frame.
- SSM WITH 1/8" RADIUS EDGES**: Points to the shelf below the window frame.
- SSM FACE TRIM**: Points to the trim on the shelf below the window frame.
- HORIZONTAL SLIDING SERVICE WINDOW**: Points to the window frame.
- CONTINUOUS CAULKING (BOTH SIDES)**: Points to the caulk applied to the top of the window frame.
- PLYWOOD**: Points to the horizontal section of the wall.
- 5/8" GYP BD ON METAL STUDS PER WALL TYPE DEFINITION**: Points to the bottom horizontal section of the wall.
- 8"**: Dimension for the distance from the face of the wall to the center of the window frame.
- 3/4"**: Dimension for the thickness of the plywood.

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

1A

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

SHIM GAP AND
ANCHORAGE PER
PTA TEST REPORT

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

SAWCUT CONT. DRIP EDGE

2" 3/8" 3/4" 3/4" 1/2"

SEALANT ON BACKER ROD
(BOTH SIDES)

CONTINUOUS ALUM. CLOSURE PLATE
SHALL PROVIDE SUPPORT FOR BACKER
ROD. OVERLAP & SEAL ALL TRANSITIONS
& JOINTS BETWEEN PLATES. CORNERS
AND EDGES TO PREVENT AIR
INFILTRATION.

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

2" 1 5/8" 5/8"

BUILDING INSULATION
(CONTINUOUS)

1 5/8" VERTICAL METAL
STUDS BEYOND

RETURN GYPSUM BOARD TO
FACE OF TILT WALL. ALIGN
FACE WITH TILT WALL
OPENING.

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

METAL CORNER BEAD

ROLLERSHADE AS SCHEDULED

WALL OPENING BEYOND

INSIDE FACE OF TILT WALL
BEYOND

1/2"

EXTERIOR

SHX2

INTERIOR

1A

SEALANT ON BACKER ROD CONT.

3/8" 3/4"

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

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D

CONCRETE TILT WALL PANEL - CHAMFER EDGES 3/4"

RAIL ANCHORAGE TO DOOR MFR.

DOOR GUIDE RAILS

WEATHER STRIP SWEEPS

OVERHEAD COILING DOOR

OPENING WIDTH AS SCHEDULED

EXTERIOR

DJ3

INTERIOR

OVERHEAD COILING DOOR

SENSOR BAR AND GASKET SEAL

DOOR GUIDE RAILS BEYOND

CONCRETE TILT WALL PANEL BEYOND

CONCRETE PAVING

SLOPE

C

EXTERIOR

DS3

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)

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

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

INTERIOR

SSX1

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

4 1/2"

GLAZED ALUMINUM STOREFRONT SYSTEM, GLAZING PER STOREFRONT ELEVATION TYPE

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"

The image contains three technical drawings of door pocket details, labeled B, A, and 1.

- Detail B (DH4):** Shows a cross-section of a door pocket. The interior view on the left shows a "CONCRETE TILT WALL PANEL" and a "STEEL CHANNEL PAINT TO MATCH TILT WALL BASE COLOR". The exterior view on the right shows the "OVERHEAD COILING DOOR HOOD ASSEMBLY", "WEATHER SEAL SWEEP", "OVERHEAD COILING DOOR", and "DOOR GUIDE RAILS".
- Detail A (DJ4):** Shows a cross-section of a door pocket. The interior view on the left shows a "STEEL CHANNEL BEYOND PAINT TO MATCH TILT WALL BASE COLOR" and an "OPENING WIDTH AS SCHEDULED". The exterior view on the right shows the "CONCRETE TILT WALL PANEL", "RAIL ANCHORAGE BY DOOR MFR.", "DOOR GUIDE RAILS", "WEATHER STRIP SWEEP", and "OVERHEAD COILING DOOR".
- Detail 1 (DS4):** Shows a cross-section of a door pocket. The interior view on the left shows a "SLAB RECESS" and "COORDINATE DOOR POCKET DIMENSIONS WITH DOOR MFR.". The exterior view on the right shows the "OVERHEAD COILING DOOR", "SAFETY EDGE BOTTOM BAR", "FINISHED FLOOR", and "EMBEDDED STEEL ANGLE AROUND INTERIOR PERIMETER OF DOOR POCKET. REFER TO STRC."

Each drawing has a label "INTERIOR" on the left and "EXTERIOR" on the right. The model numbers "DH4", "DJ4", and "DS4" are prominently displayed in the center of each drawing.

DS1

INTERIOR

6"

2" 2" 2"

CONCRETE SLAB. REFER TO FINISH PLAN FOR FLOORING

THRESHOLD PER HARDWARE SETS. SET IN FULL BED OF SEALANT. EXTEND OVER PAVING JOINT.

POURABLE SEALANT ALONG 1/2" COMPRESSIBLE FILLER

CONCRETE PAVING

HOLLOW METAL DOOR AND HARDWARE AS SCHEDULED

EXTERIOR

DS2

INTERIOR

6"

2" 2" 2"

CAULKING JOINT.

METAL CORNER HEAD

GYPSON BOARD ON 1/2" METAL Furring CHANNELS

METAL CORNER HEAD

THRESHOLD BELOW

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

POURABLE SEALANT ALONG 1/2" COMPRESSIBLE FILLER

TILT-UP CONCRETE WALL

BUILDING INSULATION

EXTERIOR

DS3

INTERIOR

6"

2" 2" 2"

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.

HOLLOW METAL DOOR AND HARDWARE AS SCHEDULED

EXTERIOR

[illegible]

Diagram illustrating the cross-section of a window or door threshold assembly for a STOREFRONT ELEVATION TYPE.

Labels and components shown:

- 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

SSN2

Diagram illustrating the cross-section of a window or door threshold assembly for a STOREFRONT ELEVATION TYPE.

Labels and components shown:

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

SJN3

Diagram illustrating the cross-section of a window or door threshold assembly for a STOREFRONT ELEVATION TYPE.

Labels and components shown:

- 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

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

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 B -
TRUCK STOCK

1855 NW COUNTY ROAD 25A
LAKE CITY, FL

814C632800

OPENING DETAILS

10. *Journal of the American Medical Association*, 2000; 283: 2689-2694.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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10. *Journal of the American Medical Association*, 2000; 283: 2689-2694.

10. *Journal of the American Medical Association*, 2000; 283: 2689-2694.

SHEET NUMBER

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