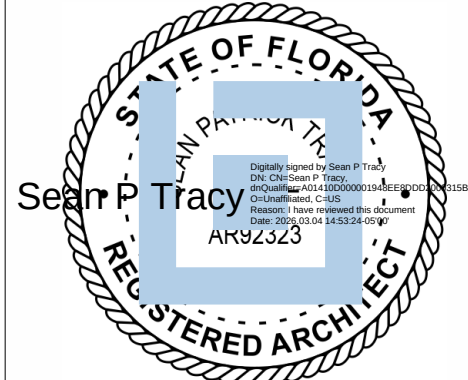


COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING D - TRUCK WASH

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

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D-E601	ELECTRICAL DETAILS, RISER DIAGRAM & PANEL BOARD



ISSUE FOR
CONSTRUCTION
DOCUMENTS

ISSUE DATE
02/25/2026

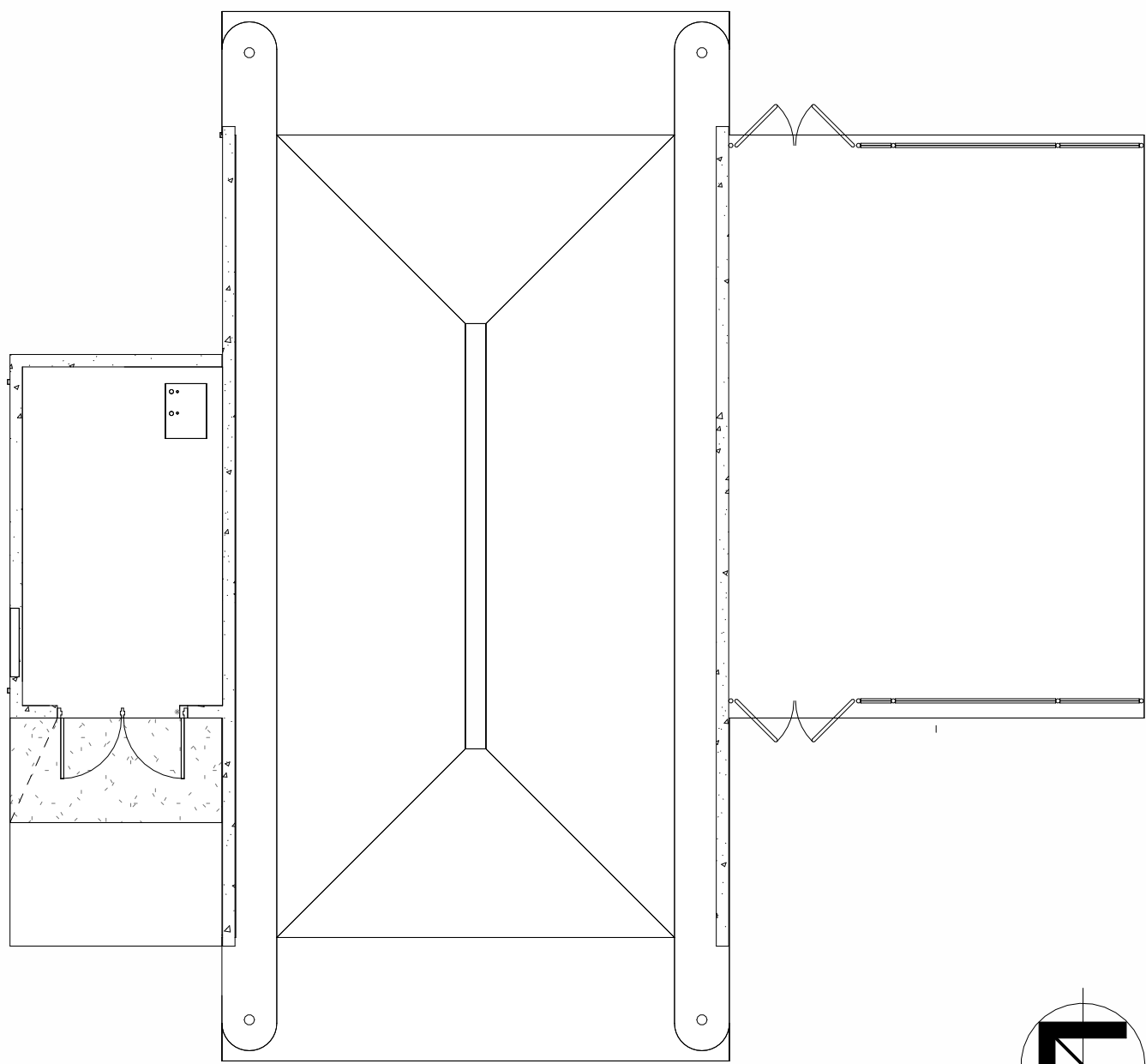
REVISIONS
NO. REASON DATE

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

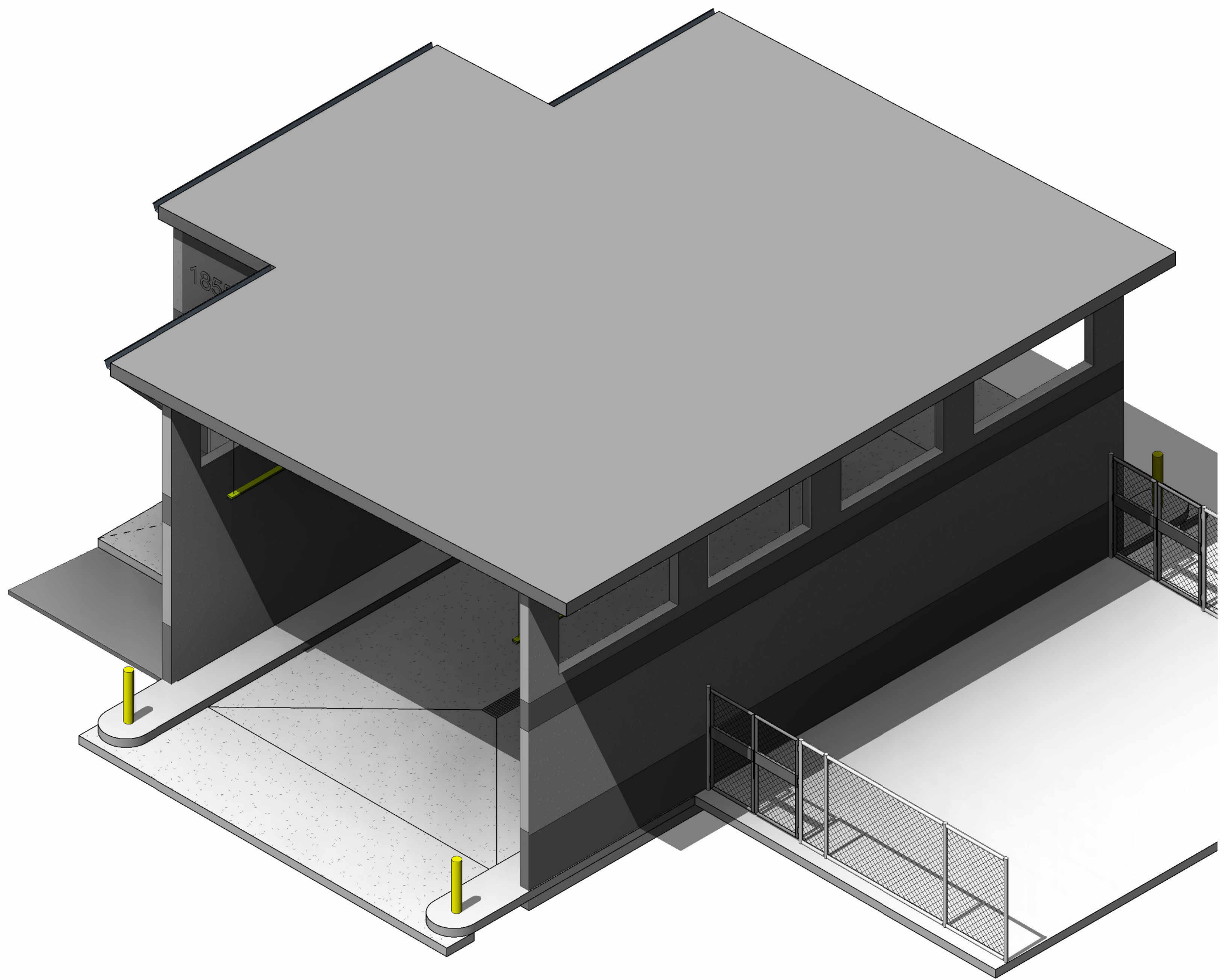
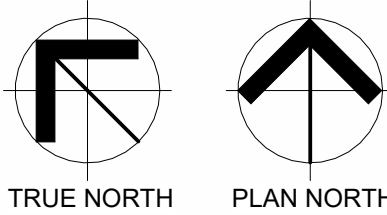
COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

PROJECT NO.
814C632800
SHEET TITLE
COVER SHEET

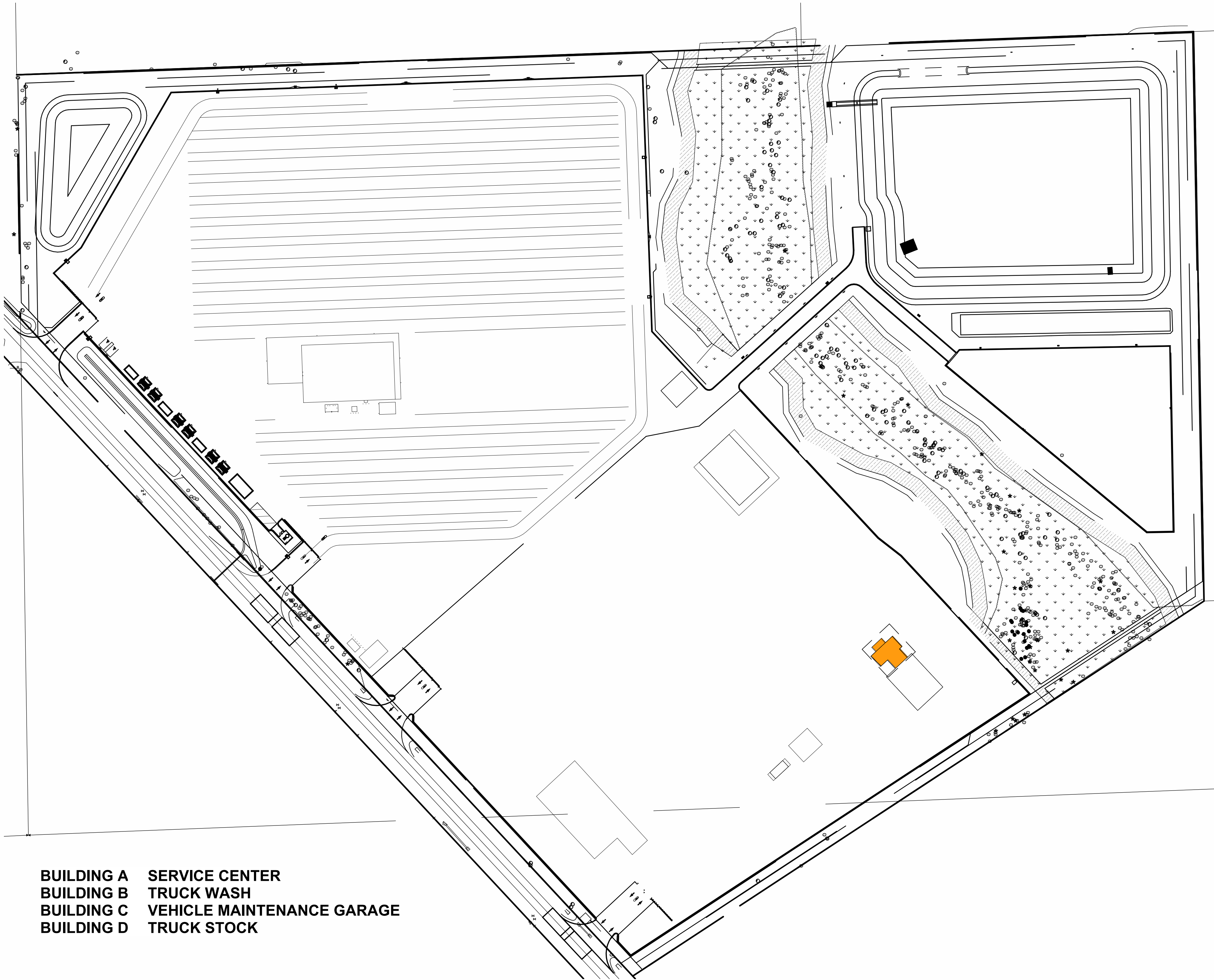
SHEET NUMBER
D-G000



KEY PLAN - BUILDING D



3D VIEW - BUILDING D



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
1655 S. FERDON BLVD.
CRESTVIEW, FL 32636
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JOEL JONES

ARCHITECTURE

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DAVID LITHGOW

F

E

D

C

B

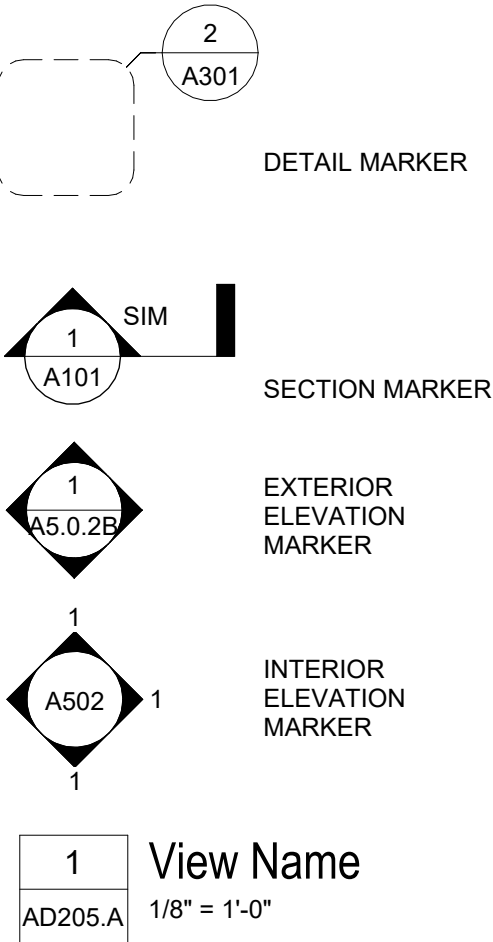
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SYMBOLS

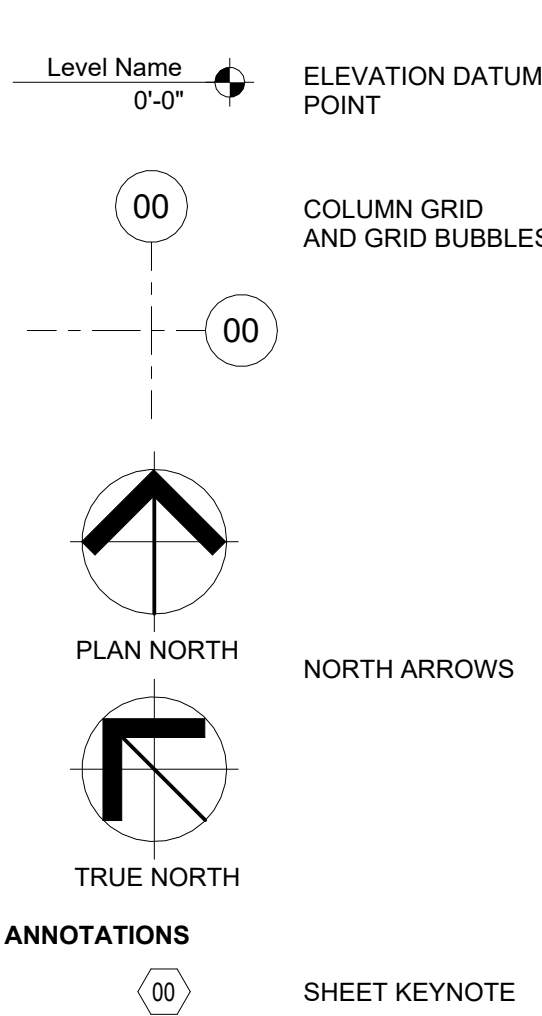
ARCHITECTURAL ELEMENTS

ROOM NAME 101	ROOM NAME ROOM NUMBER	ACT-1 +1'- 0"	CEILING TYPE FINISH ELEVATION
V00000	DOOR NUMBER		
0000A,XX	INTERIOR PARTITION TAG		
W1	WINDOW TAG		
S1	STOREFRONT TAG		
L1	LOUVER TAG		
X	TOILET ACCESSORIES TAG		
P-1	FINISH MATERIAL TAG		
E-1	EQUIPMENT TAG		
CR	ELECTRIC DOOR FUCTION		

VIEW ELEMENTS

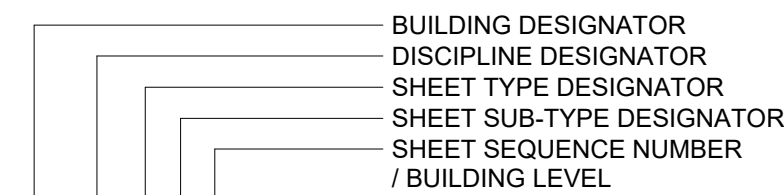


SITE & LOCATION ELEMENTS



SHEET NUMBERING LEGEND

SHEET NUMBER STRUCTURE



NOTE: REFER TO ARCHITECTURAL SITE PLAN FOR BUILDING DESIGNATIONS

DISCIPLINE DESIGNATORS

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

SHEET TYPE DESIGNATORS

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

ABBREVIATIONS

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

GENERAL NOTES: CONSTRUCTION

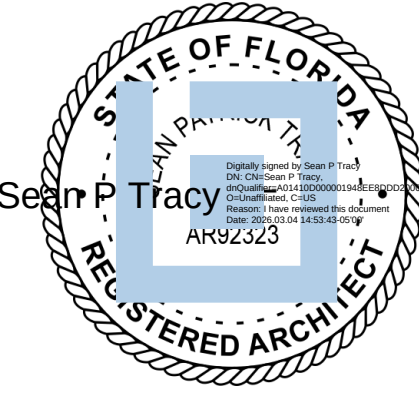
- CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SITE, FIELD AND BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS AND COMMENCING WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, CONFERENCE WITH CONSTRUCTION MANAGER AND ARCHITECT/ENGINEER FOR RESOLUTION.
- DO NOT SCALE DRAWINGS.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

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www.littleonline.com

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ISSUE FOR
CONSTRUCTION DOCUMENTS

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NO. REASON DATE

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

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

ABBREVIATIONS,
SYMBOLS, GENERAL
NOTES

SHEET NUMBER

D-G001

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

PROJECT INFORMATION

Name of Project: COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING F - TRUCK WASH
Address: COUNTY ROAD 25A, LAKE CITY, FL Zip Code: 32055
Proposed Use: BUSINESS
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

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Plumbing CARDINAL SCOTT RAYNOR 502-475-5945 sraynor@cesengineers.com
Sprinkler-Standpipe CARDINAL SCOTT RAYNOR 407-767-5188 sraynor@cesengineers.com
Structural JEZERINAC RONALD JEZERINAC 704-561-7561 rjezerinac@jezerinacgroup.com
Retaining Walls >5' High

CODE INFORMATION

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

BASIC BUILDING DATA

Construction Type: I-A I-B II-A II-B IV-HT V-A V-B
(Check all that apply)
Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Yes Class: II III Wet Dry
Fire District: No Yes (Primary) Flood Hazard Area: No Yes
Building Height: Feet: 17'-10"

Gross Building Area (SQ FT): 1142 SQ FT

STRUCTURAL DESIGN

THRESHOLD INSPECTIONS REQUIRED: Yes No

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

ALLOWABLE AREA / OCCUPANCY CLASSIFICATION

Occupancy(s):

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

Accessory Occupancy:

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

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
Laundry rooms over 100 square feet
Group I-3 cells equipped with padded surfaces
Group I-2 waste and linen collection rooms
Waste and linen collection rooms over 100 square feet
Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,000 pounds used for facility standby power, emergency power or uninterrupted power supplies
Rooms containing fire pumps
Group I-2 storage rooms over 100 square feet
Group I-2 commercial kitchens
Group I-2 laundries equal to or less than 100 square feet
Group I-2 rooms or spaces that contain fuel-fired heating equipment

Special Uses: 402 403 404 405 406 407 408 409 410 411 412
413 414 415 416 417 418 419 420 421 422 423 424 449
450 451 452 453 454 455 456 457 458 459 460 461 462
463 464 465 466 467 468 469 Ch. 30 3109

Special Provisions: 510.2 510.3 510.4 510.5 510.6 510.7 510.8 510.9

Mixed Occupancy:

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

Actual Area of Occupancy A + Actual Area of Occupancy B
Allowable Area of Occupancy A Allowable Area of Occupancy B ≤ 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	BUSINESS	1142 SF	23,000 SF	-	-	23,000 SF	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

*SPRINKLERED

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

SPECIAL APPROVALS

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

CODE SUMMARY

CODE SUMMARY - APPLICABLE BUILDING CODES

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

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

FLORIDA PRODUCT APPROVALS

FPA NUMBER	COMPONENT	RATING	MFR.	MODEL / SERIES NO.	DATE APPROVED	EXPIRATION DATE	TYPE
DOORS							
10356.1	FLUSH DOUBLE DOOR	WIND / STATIC PRESSURE	STEELCRAFT (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
47623.3	SERVICE WINDOW	-	QUIKSERV	BP-7241E-IP	01/15/2026	-	GLAZING
ROOF							
151101.1	ROOF HATCH	WIND / IMPACT INFILTRATION / STATIC PRESSURE	BILCO CO.	TYPE S-20	2/4/2025	-	ROOF
16758.3	TPO	WIND	JOHNS MANVILLE	JM TPO - 60 MIL	-	1/21/2028	ROOF
2037.1	ROOFING INSULATION	WIND / IMPACT / STATIC PRESSURE	CELCORE INC.	MF CELLULAR CONCRETE	01/01/2024	-	ROOF

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 504.3a)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type II-B		Type II-B	
Building Height in Feet	Feet 55'-0"		Feet 17'-10"	
Building Height in Stories	Stories 3		Stories 1	

*SPRINKLERED

FIRE PROTECTION REQUIREMENTS

Life Safety Plan Sheets: REFER TO G SERIES

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQD	RATING PROVIDED (w/REDUCTION)	CODE REF	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses							
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 602 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 908)		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 Alarms: No Yes
Smoke Detection Systems: No Yes
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 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 (1016) = 200'.
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							
BUSINESS (X OCCUPANTS)							
EDUCATION (X OCCUPANTS)							
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 0
Total Provided 0 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

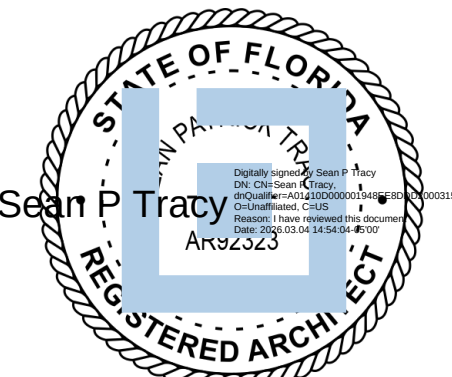
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NO. REASON DATE

PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

SHEET TITLE

BUILDING DATA AND
CODE SUMMARY

SHEET NUMBER

D-G002

PROJECT TEAM

PERSONAL IN CHARGE
SEAN TRACY

PROJECT MANAGER
BENJAMIN BOYLES

DESIGN TEAM
ORL-COMMUNITY

PROJECT NAME

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F

E

D

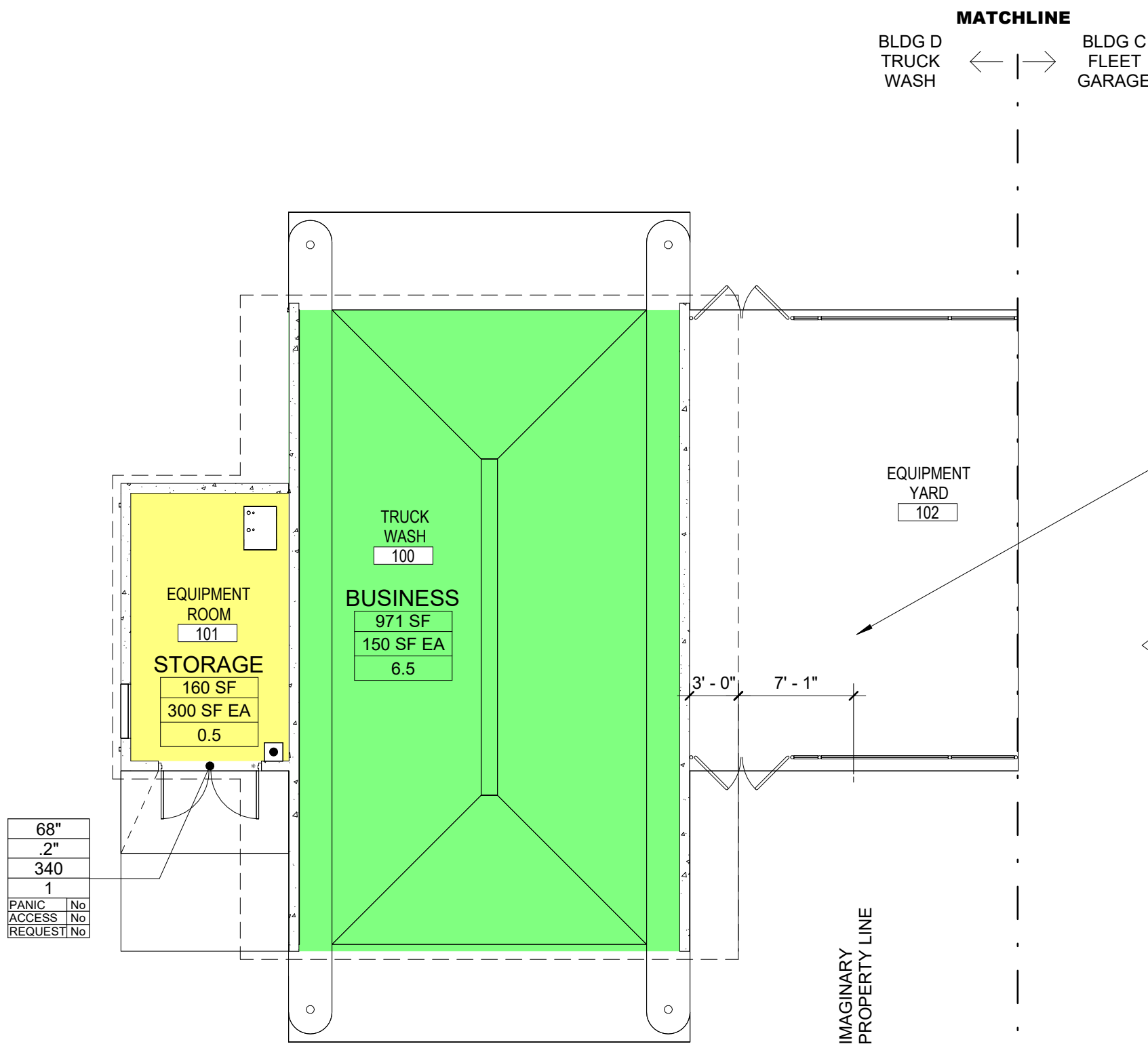
C

B

A

LEVEL 01 - OCCUPANT LOAD					
DESCRIPTION	FUNCTION (USE) OF SPACE	AREA	AREA PER OCCUPANT TEST	OCCUPANT LOAD	
B					
STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)	160 SF	300 SF	1	
BUSINESS	BUSINESS AREA (GROSS) - FLORIDA BUILDING CODE 2020	971 SF	150 SF	7	
LEVEL 01 OCCUPANT LOAD		1130 SF		8	

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	
.5	0.20	0.30	32"	0"	68"	0'-0"	1	1	



FBC TABLE 602 FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE
FIRE SEPARATION DISTANCE: 10' - 1"; IIR CONSTRUCTION TYPE:
OCCUPANCY B; FIRE RESISTANCE RATING REQ'D: 0 HRS / ACTUAL: 0 HRS

FBC TABLE 705.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION
FIRE SEPARATION DISTANCE 10' - 1"; UNPROTECTED / NONSPRINKLERED;
ALLOWABLE: 15% / ACTUAL: 14%

FBC TABLE 705.2 MINIMUM DISTANCE OF PROJECTION
FIRE SEPARATION DISTANCE: 10' - 1"; MINIMUM DISTANCE FROM LINE: 40 IN.
/ ACTUAL: 85 IN.

1 LIFE SAFETY PLAN
D-G111 1/8" = 1'-0"

FUNCTION OF SPACE LEGEND

- ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (GROSS)
- BUSINESS AREA (GROSS)

LIFE SAFETY SYMBOLS LEGEND

- CLEAR OPENING WIDTH
- CLEAR WIDTH PER OCCUPANT
- OCCUPANT CAPACITY
- ACTUAL OCCUPANT LOAD
- PANIC HARDWARE
- ACCESS CONTROL DEVICE (E.G. CARD READER)
- REQUEST TO EXIT
- CLEAR STAIR WIDTH
- CLEAR WIDTH PER OCCUPANT
- OCCUPANT CAPACITY
- ACTUAL OCCUPANT LOAD
- TRAVEL DISTANCE SHOWN: 000'
- EXIT EGRESS DISTANCE
- EXIT EGRESS COMMON PATH
- TRAVEL DISTANCE SHOWN: 000'
- EXIT EGRESS DEAD END DISTANCE
- DIAGONAL DISTANCE: 14' - 0"
- OVERALL DIAGONAL DISTANCE
- DISTANCE BETWEEN EXITS: 14' - 0"
- EXIT REMOTENESS DISTANCE
- CARD READER
- Area Name
- 150 SF
- 100 SF EA
- AREA
- ILLUMINATED EXIT SIGN
- CLNG MTD
- WALL MTD
- SURFACE MOUNTED FIRE EXTINGUISHER
- SEMI-RECESSED FIRE EXTINGUISHER AND CABINET

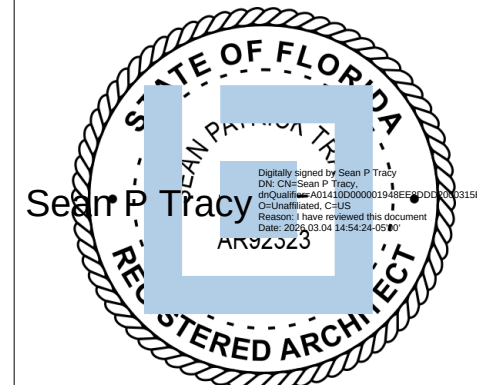
PARTITION TYPES

- FIRE BARRIER
- 1-HOUR
- 2-HOUR
- 3-HOUR
- FIRE & SMOKE BARRIER
- 1-HOUR
- 2-HOUR
- 3-HOUR
- FIRE WALL
- 2-HOUR
- 3-HOUR
- 4-HOUR
- FIRE PARTITION
- 0.5-HOUR
- 1-HOUR
- SMOKE PARTITION
- 0-HOUR
- 1-HOUR
- SMOKE BARRIER

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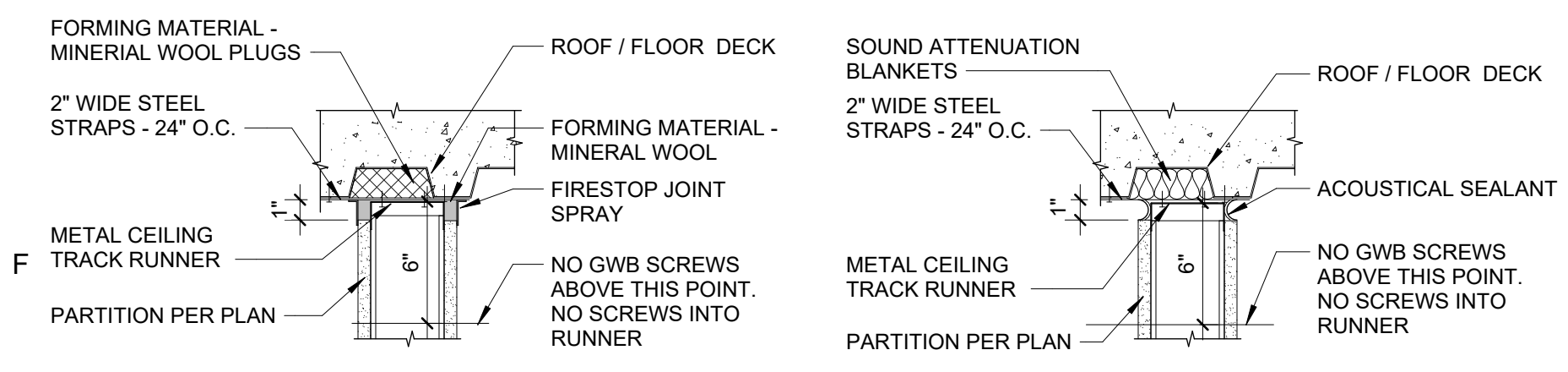
814C632800

SHEET TITLE
LIFE SAFETY

SHEET NUMBER

D-G111

GWB HEAD CONDITIONS



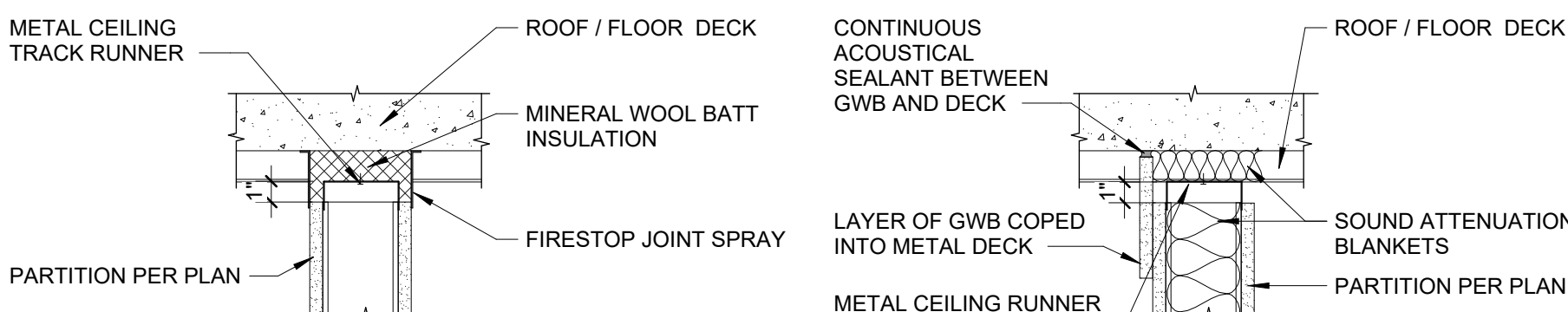
RATED HEAD CONDITION

NON RATED HEAD CONDITION

NON RATED HEAD CONDITION AT BEAM

HEAD - GWB - PARALLEL TO DECKING

1 1/2" = 1'-0"

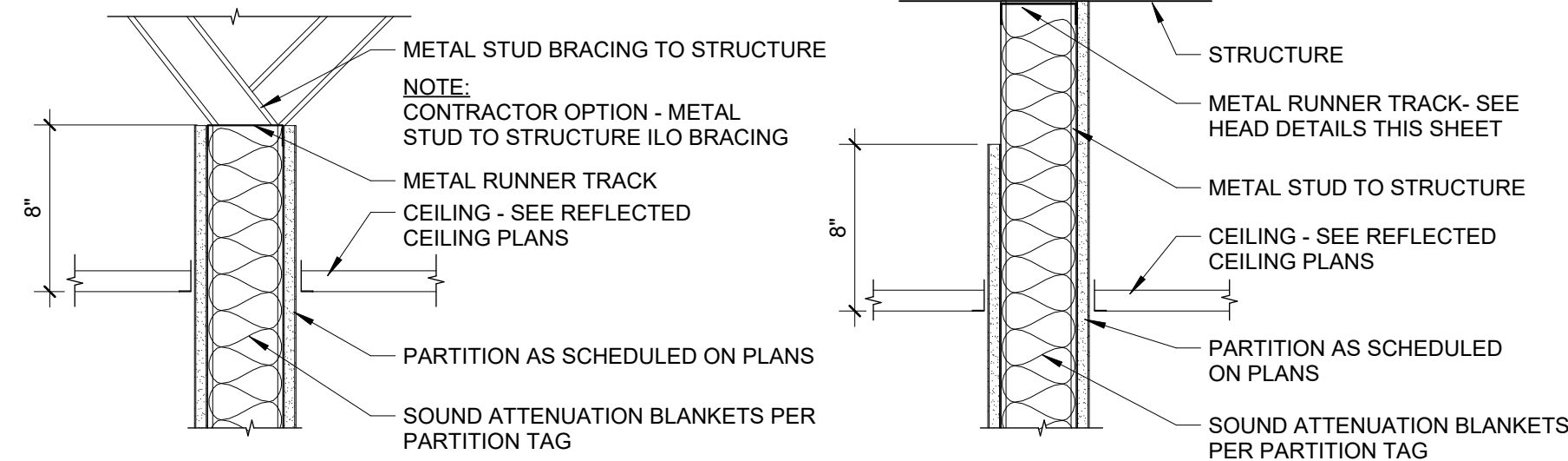


RATED CONDITION

NON - RATED CONDITION

HEAD - GWB - PERPENDICULAR TO DECK - COND. A

1 1/2" = 1'-0"



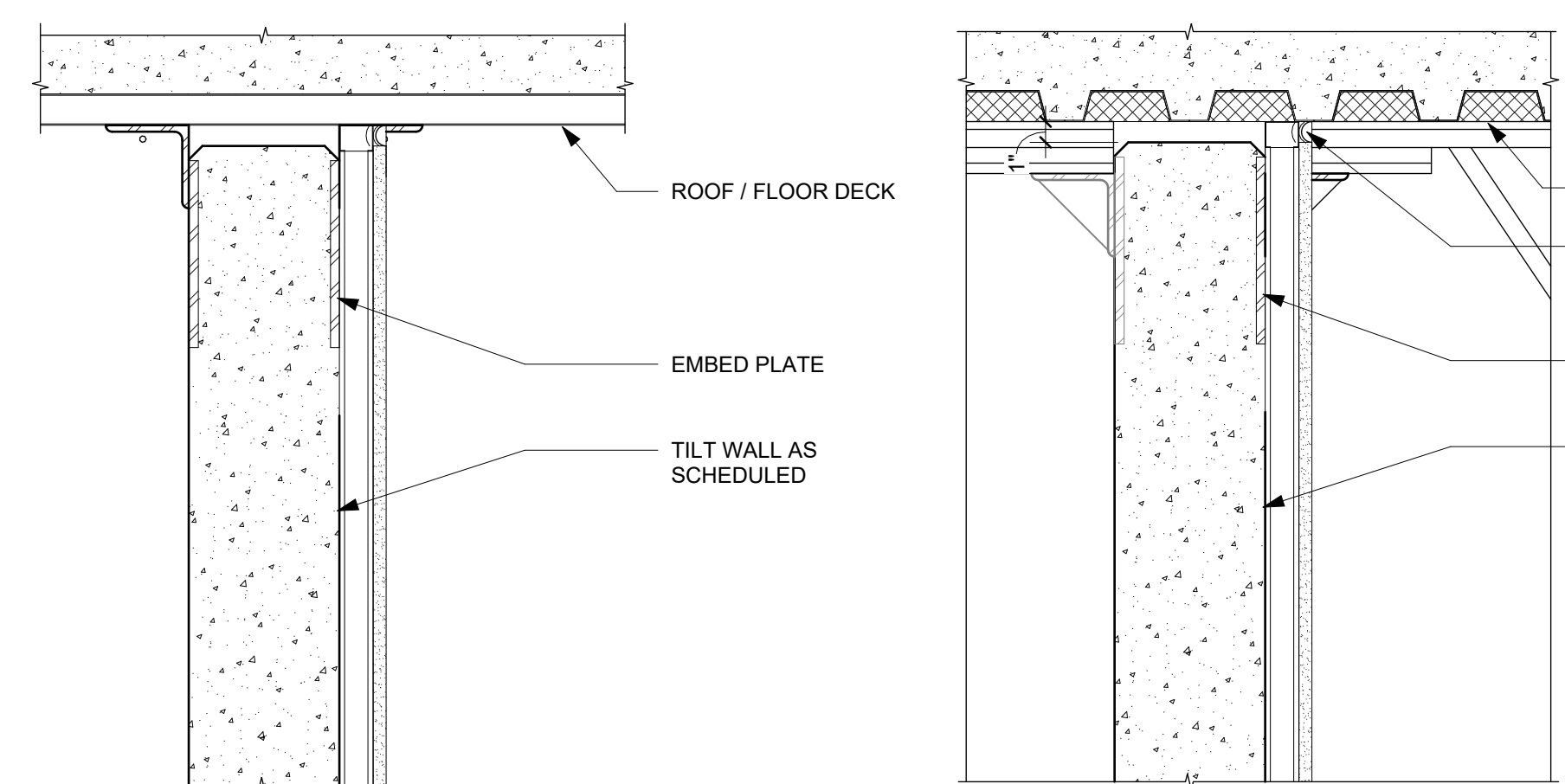
HEAD - GWB - COND. B(1)

1 1/2" = 1'-0"

HEAD - GWB - COND. B(2)

1 1/2" = 1'-0"

FURRING HEAD CONDITIONS



HEAD - FURRING - PERPENDICULAR DECK

1 1/2" = 1'-0"

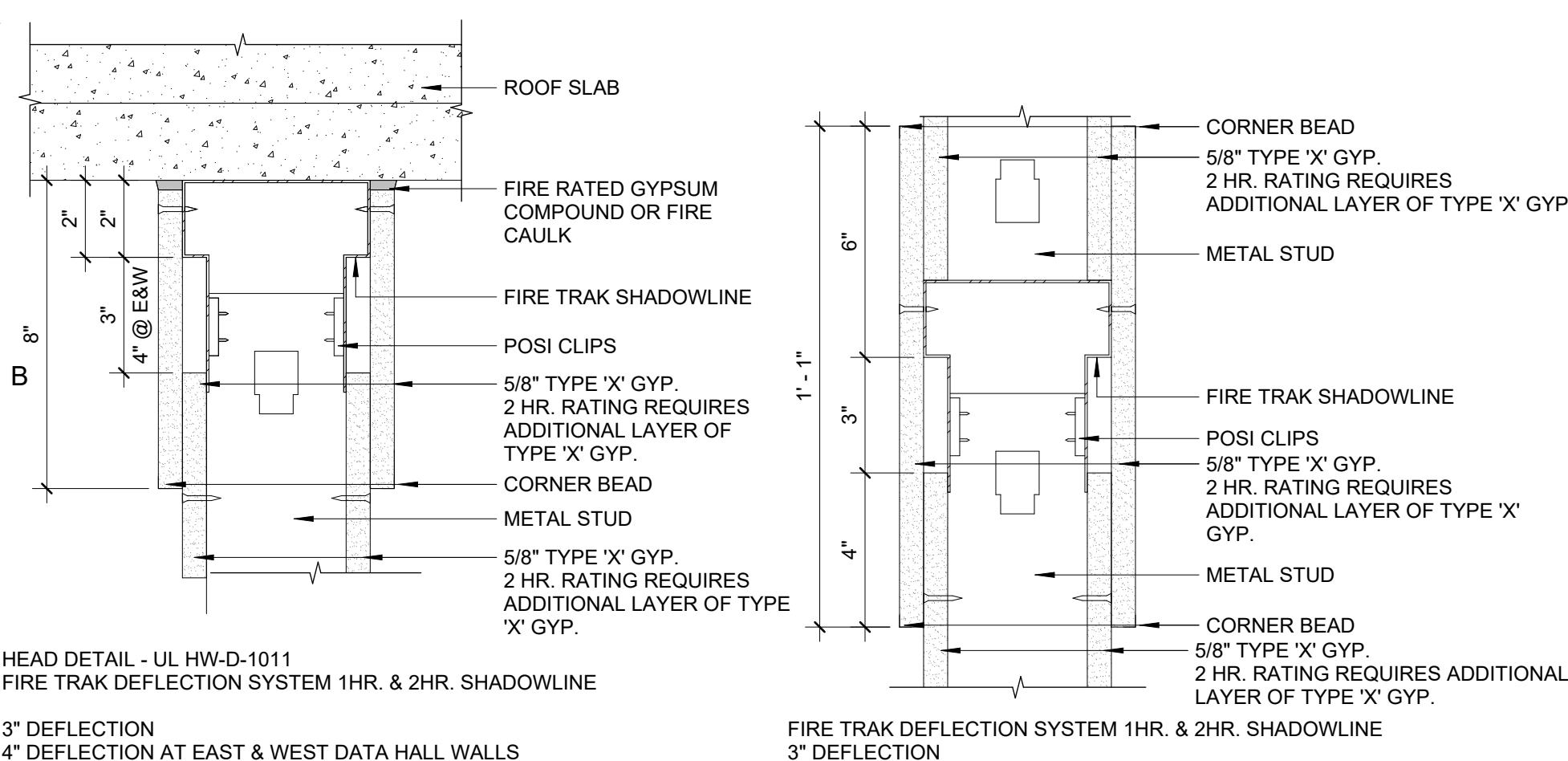
HEAD - FURRING - PARALLEL DECK

1 1/2" = 1'-0"

HEAD - FURRING - PARTIAL HEIGHT

1 1/2" = 1'-0"

HEAD DETAILS



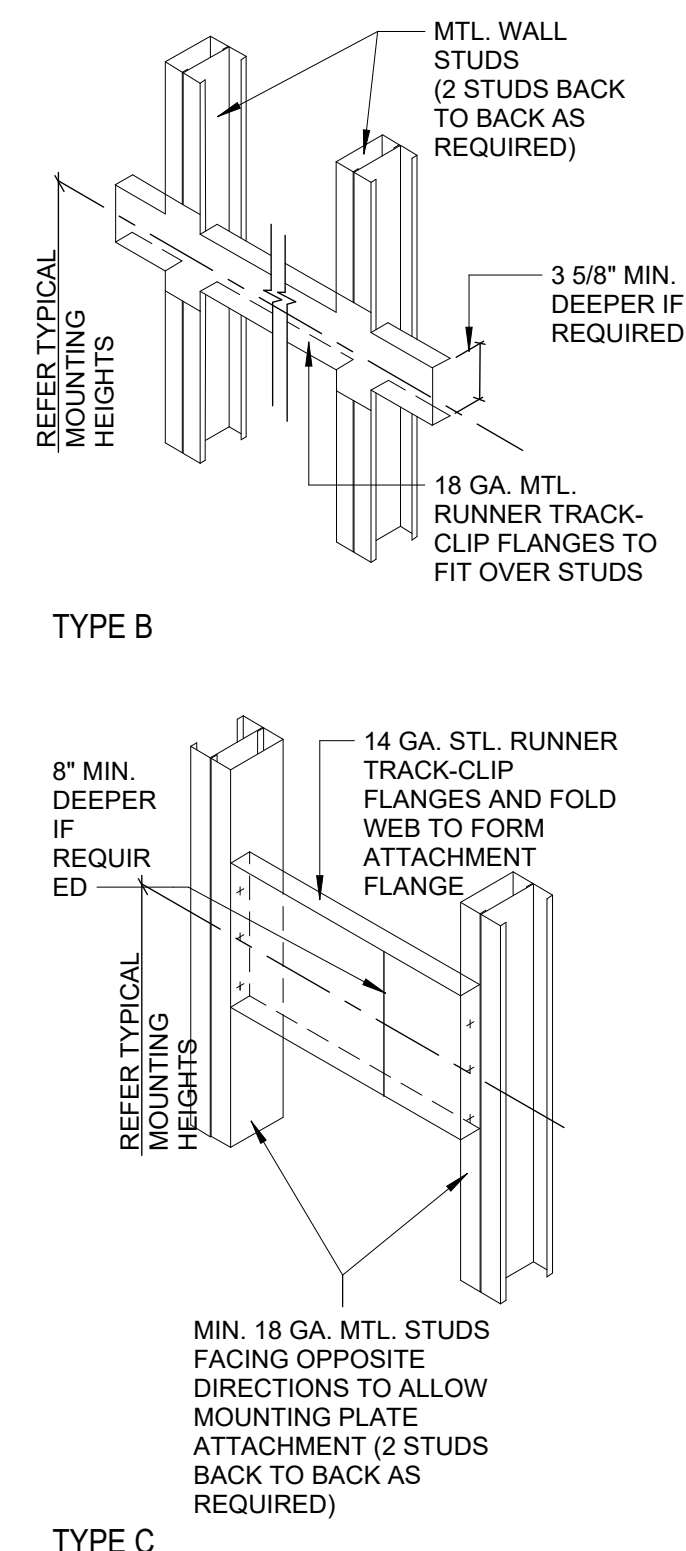
HEAD OF WALL DETAIL - DEFLECTION TRACK

3" = 1'-0"

HEAD OF WALL DETAIL - DEFLECTION TRACK

3" = 1'-0"

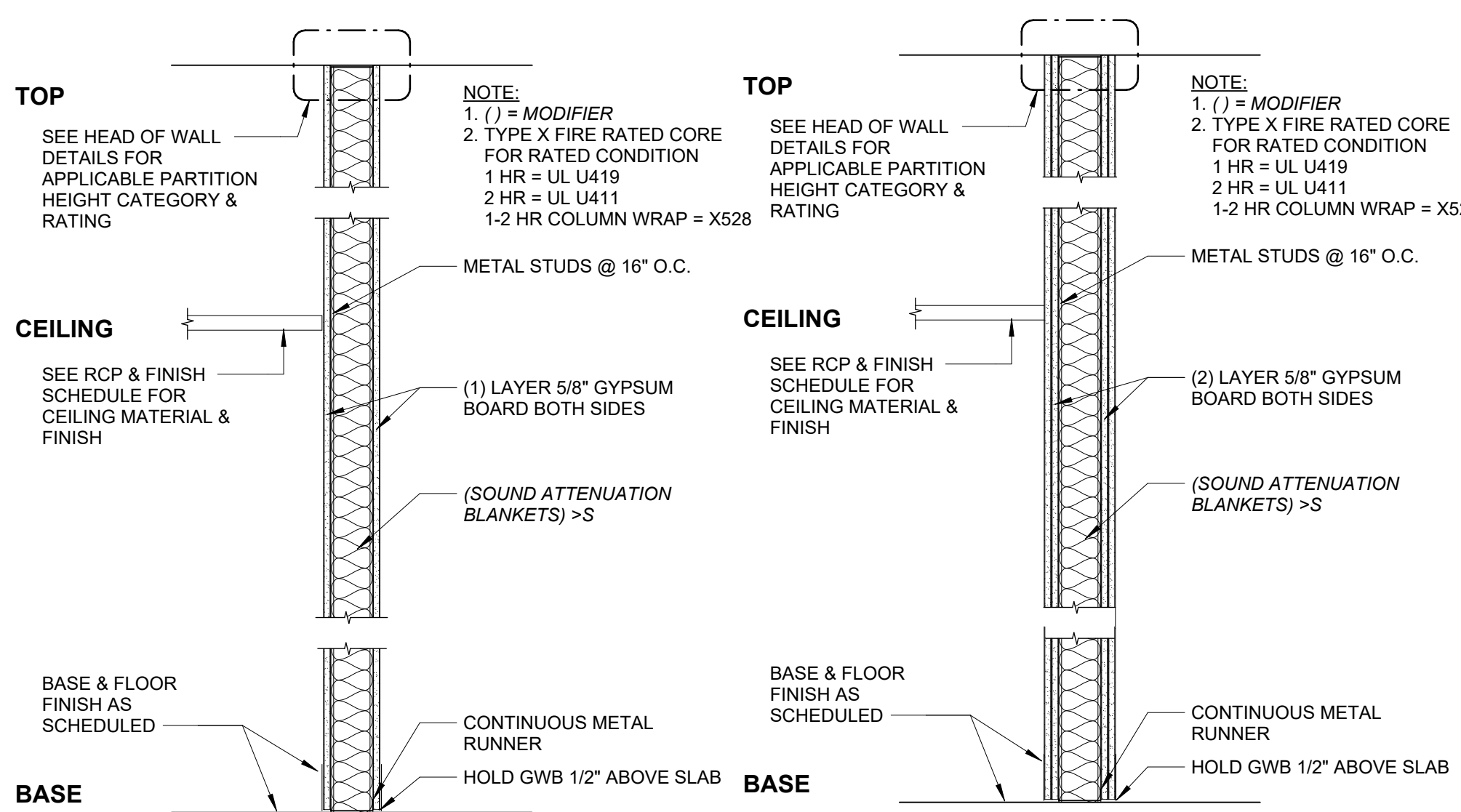
ACCESSORY/EQUIPMENT/KITCHEN BACKING



TYPE B

TYPE C

PARTITION TYPES



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

1" = 1'-0"

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

1" = 1'-0"



CEILING

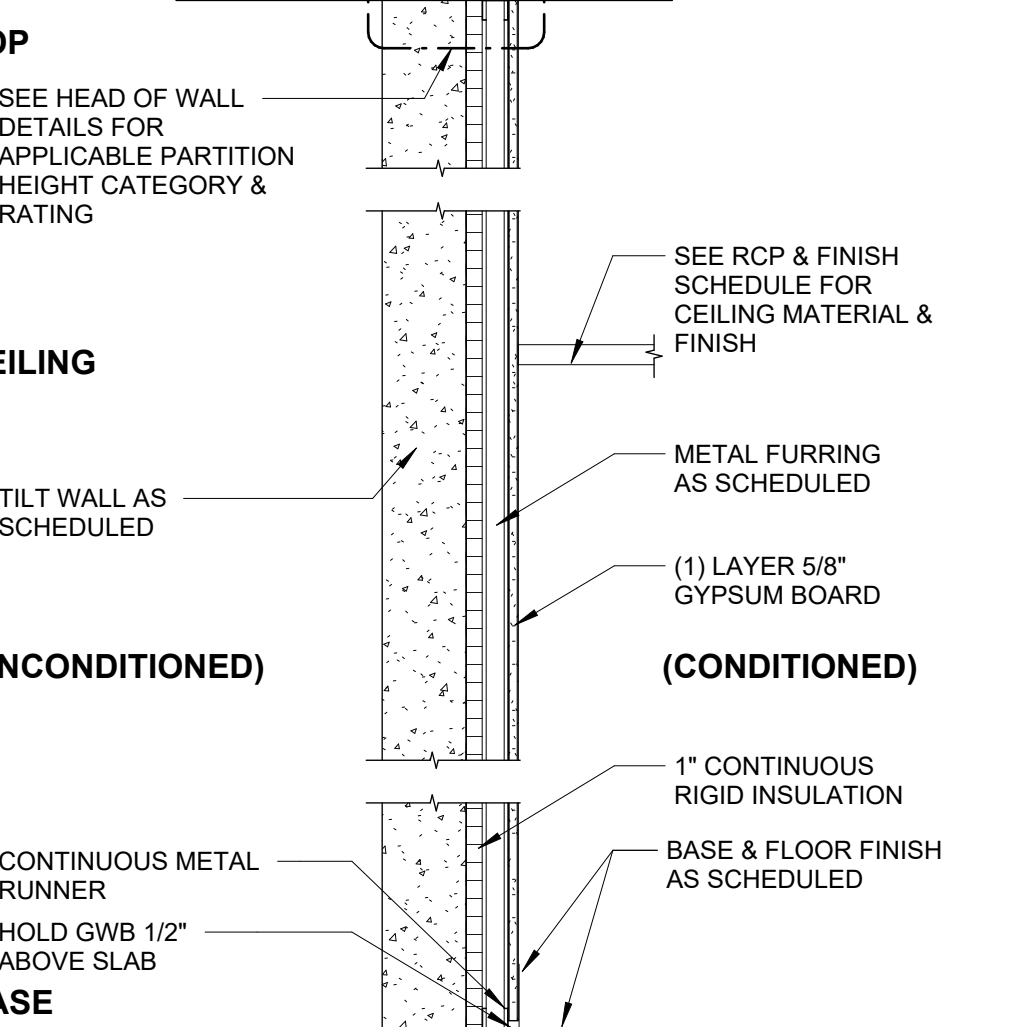
SEE RCP & FINISH SCHEDULE FOR CEILING MATERIAL & FINISH

BASE

BASE & FLOOR FINISH AS SCHEDULED

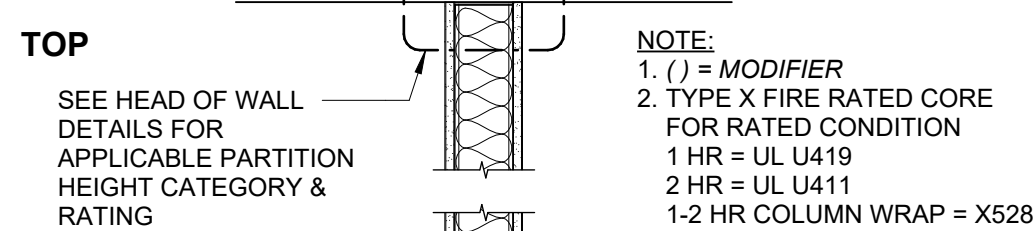
<XTXX> TILT WALL - SLAB TO DECK

1" = 1'-0"



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

1" = 1'-0"



TOP

SEE HEAD OF WALL DETAILS FOR APPLICABLE PARTITION HEIGHT CATEGORY & RATING

CEILING

SEE RCP & FINISH SCHEDULE FOR CEILING MATERIAL & FINISH

(UNCONDITIONED)

BASE & FLOOR FINISH AS SCHEDULED

BASE

BASE & FLOOR FINISH AS SCHEDULED

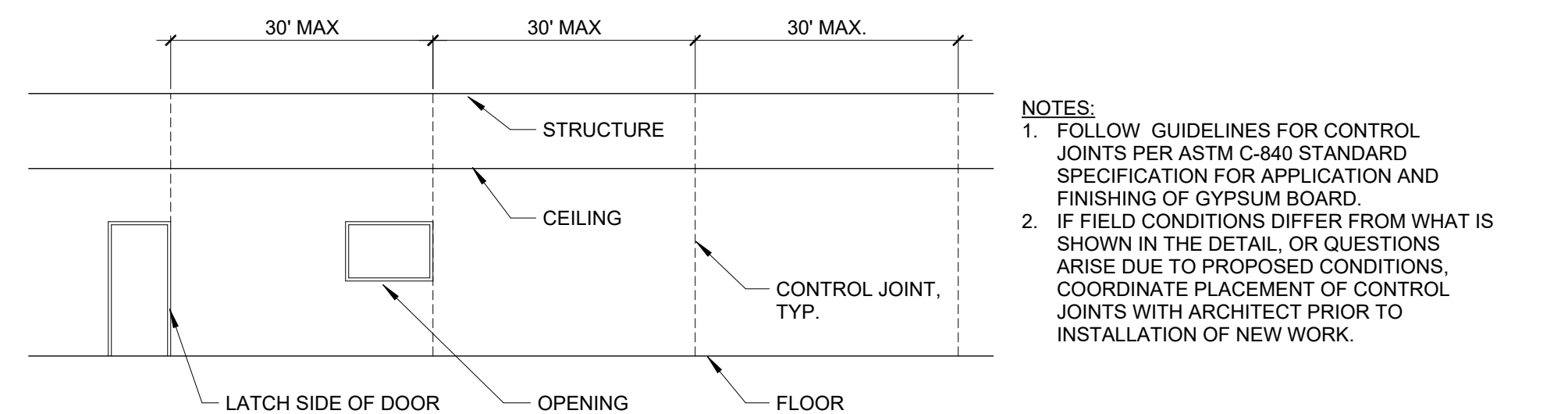
<XGXX>W GWB - SLAB TO DECK (0-1HR)

1" = 1'-0"

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

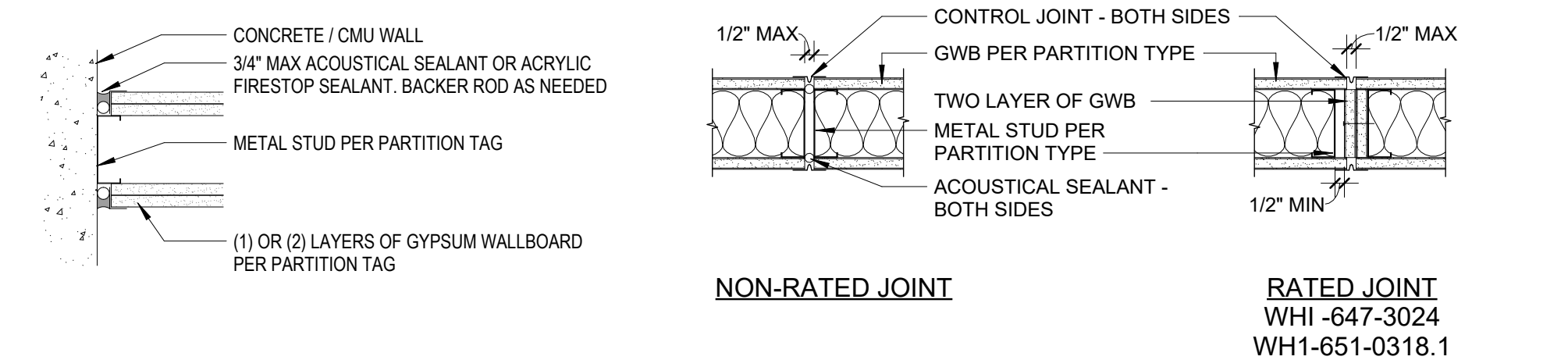
1" = 1'-0"

GWB CONTROL JOINTS

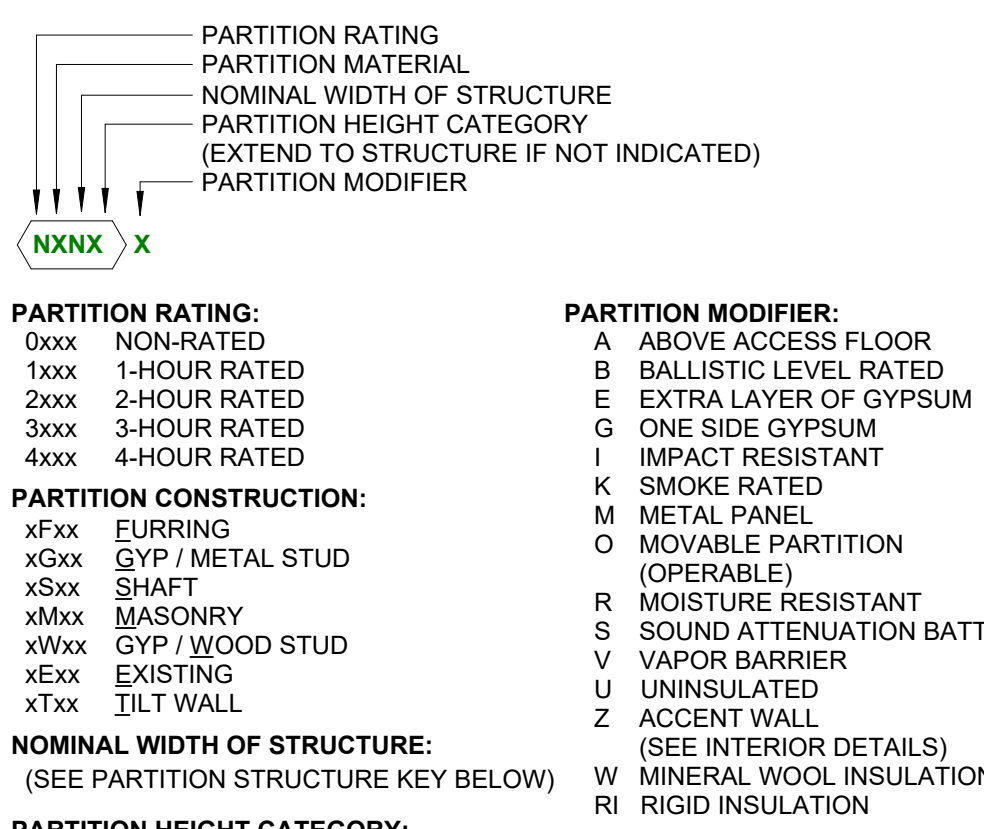


TYPICAL GWB CONTROL JOINT DIAGRAM - ELEVATION

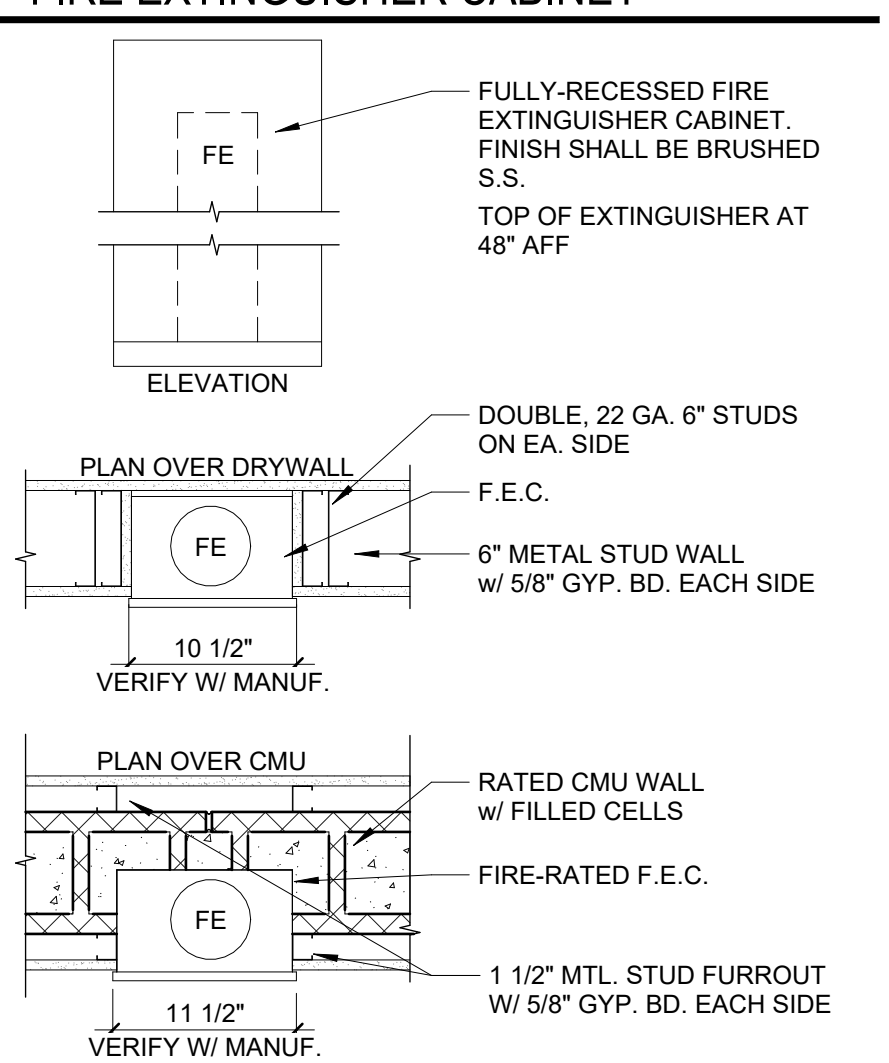
1/8" = 1'-0"



PARTITION LEGEND AND STRUCTURE KEY



FIRE EXTINGUISHER CABINET



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

GENERAL NOTES - PARTITIONS

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

LIMITING HEIGHTS - STEEL STUDS

	DEFLECTION LIMIT OF L/240	DEFLECTION LIMIT OF L/360
WALL HEIGHT	WITHOUT SHELVING	WITH SHELVING
<10'	362S125-18 16" O.C.	362S125-18 16" O.C.
<12'	362S125-18 16" O.C.	362S125-18 16" O.C.
<14'	362S125-18 16" O.C.	362S125-33 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')
600 (S) (162) - (64)

FLANGE WIDTH (1-5/8" = 1.625" = 162 x 1/100')
162 (S) (162) - (64)

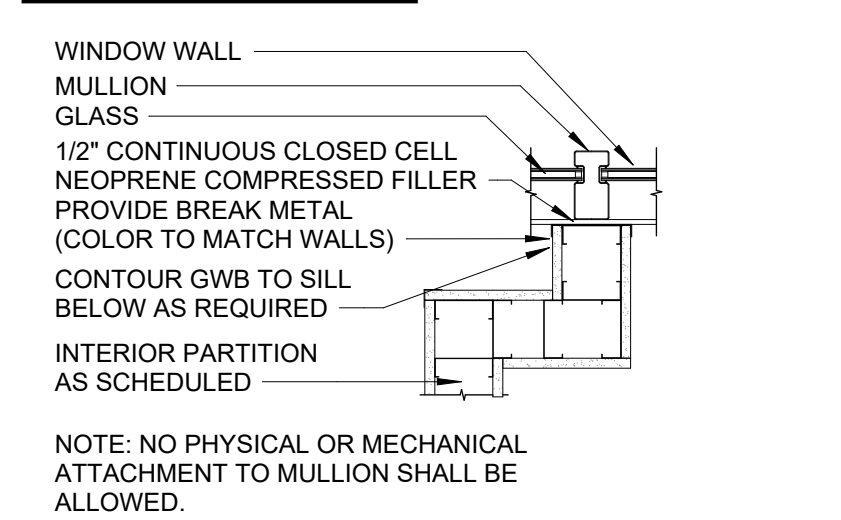
MIL THICKNESS (0.054" = 54 MILS; 1 MIL = 1/1000")
54 MILS = 25 GA
27 MIL = 22 GA
30 MIL = 20 GA (DRYWALL)
33 MIL = 20 GA (STRUCTURAL)
43 MIL = 18 GA
54 MIL = 16 GA
68 MIL = 14 GA

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

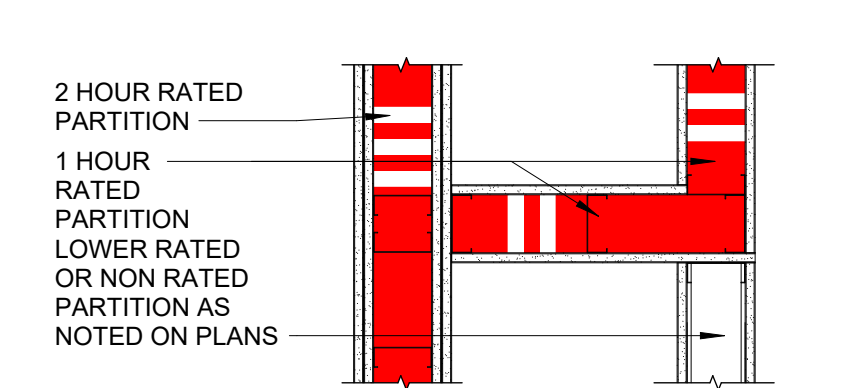
VERIFY WITH STRUCTURAL

PARTITION HIERARCHY

PARTITION TO MULLION



RATING HIERARCHY



LITTLE
OVERSEEN ARCHITECTURAL CONSULTING

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Orlando, FL 32801
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FPL

STATE OF FLORIDA
REGISTERED ARCHITECT
SEAN P. TRACY

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02/25/2026

REVISIONS
NO. REASON DATE

PROJECT NAME
COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING D - TRUCK WASH

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

PARTITION TYPES AND DETAILS

SHEET NUMBER
D-G121

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.

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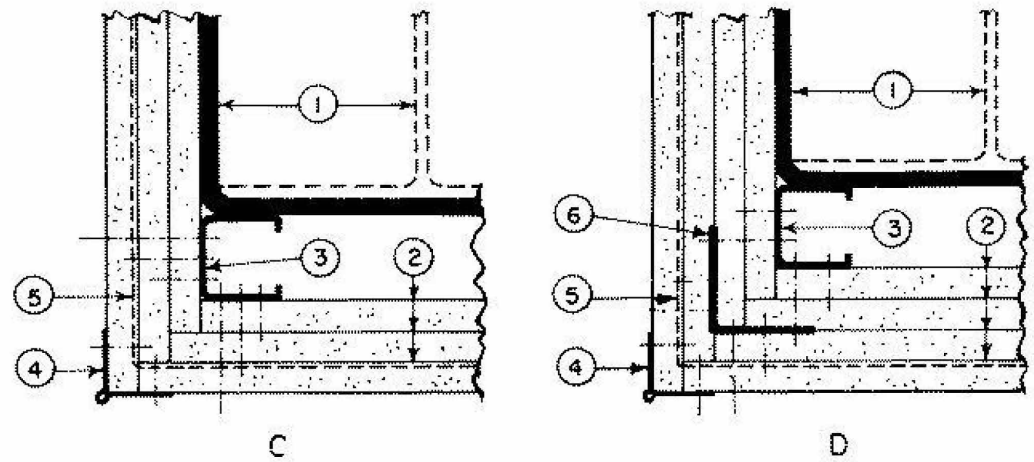
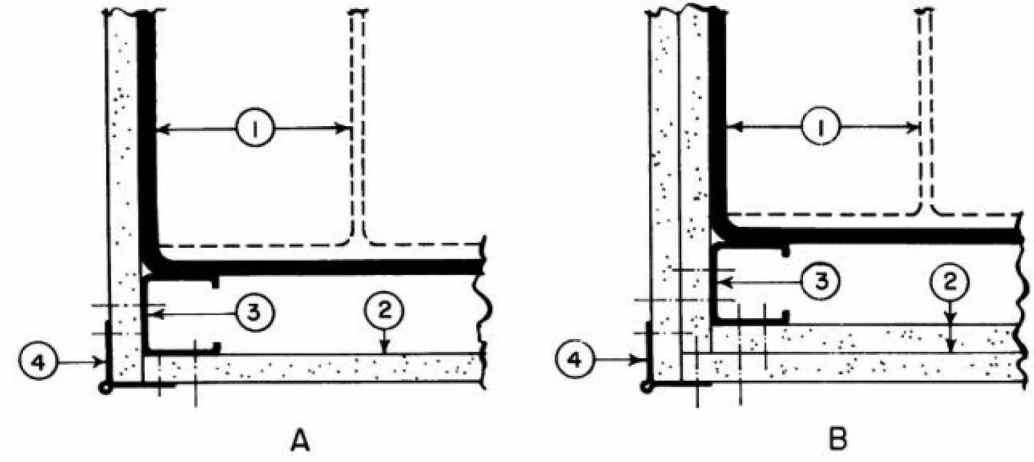
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See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
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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, 0512 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						
by0.188	1	1-3/4	2-5/8	B	C	D
TS 8 by 8						
by 0.250	5/8	1-1/2	2-1/4	A	C	D

AMERICAN GYPSUM CO (View Classification) – CNKX.R14196
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) – CNKX.R19374
CABOT MANUFACTURING ULC (View Classification) – CNKX.R23730

CERTAINTED GYPSUM INC (View Classification) – CNKX.R3660
CGC INC (View Classification) – CNKX.R19751
GEORGIA-PACIFIC GYPSUM L L C (View Classification) – CNKX.R2717
NATIONAL GYPSUM CO (View Classification) – exP-C, CNKX.R3501
PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM (View Classification) – CNKX.R7094
PANEL REV S A (View Classification) – CNKX.R21795
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) – CNKX.R19262
THAI GYPSUM PRODUCTS PCL (View Classification) – CNKX.R21757
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO (View Classification) – CNKX.R40305
UNITED STATES GYPSUM CO (View Classification) – CNKX.R1319
USG BORAL DRYWALL SFZ LLC (View Classification) – CNKX.R38438
USG MEXICO S A DE C V (View Classification) – CNKX.R165089

2A. **Gypsum Board*** – As an alternate to Item 2- 3/4 in. thick gypsum wallboard. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints.

CGC INC – Type IP-X3 or ULTRACODE
UNITED STATES GYPSUM CO – Type IP-X3 or ULTRACODE
USG BORAL DRYWALL SFZ LLC – Type ULTRACODE
USG MEXICO S A DE C V – Type IP-X3 or ULTRACODE

2B. **Gypsum Board*** – (As an alternate to Items 2 and 2A) – Nominal 5/8 in. thick panels. One of the layers of **Gypsum Board** (Item 2) used to obtain the minimum required thickness in Item 2 may be substituted with one layer and secured as described in Item 2.

PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM – Type QuietRock ES

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

PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM – Type QuietRock OR

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

CERTAINTED GYPSUM INC – Type C

2E. **Gypsum Board*** – (As an alternate to Item 2) – 1/2 in. or 5/8 in. thick, installed as described in Item 2. For single layer systems, horizontal joints spaced minimum 8 ft apart. For multi-layer systems, horizontal joints in adjacent layers staggered min 12 in. from previous layer.

CERTAINTED GYPSUM INC – 1/2 or 5/8 in. thick Type C, 5/8 in. thick Types GlasRoc, X-1, SilentFX, LWTX

2F. **Gypsum Board*** – (As an alternate to Item 2) – 3/4 in. thick. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints. Not applicable to TS 4 by 4 by 0.188 Tube Shaped Column.

National Gypsum Co – Type UltraShield

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

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

JOHN WAGNER ASSOCIATES INC, DBA GRABBER – Types CB, CB/Clips.

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

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

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

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

6. **Screws** – For attaching first layer of wallboard to steel studs, and third layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) 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 (25 Ga) 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.

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Last Updated on 2025-10-09

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UL U438 - FIRE-RESISTANCE RATINGS

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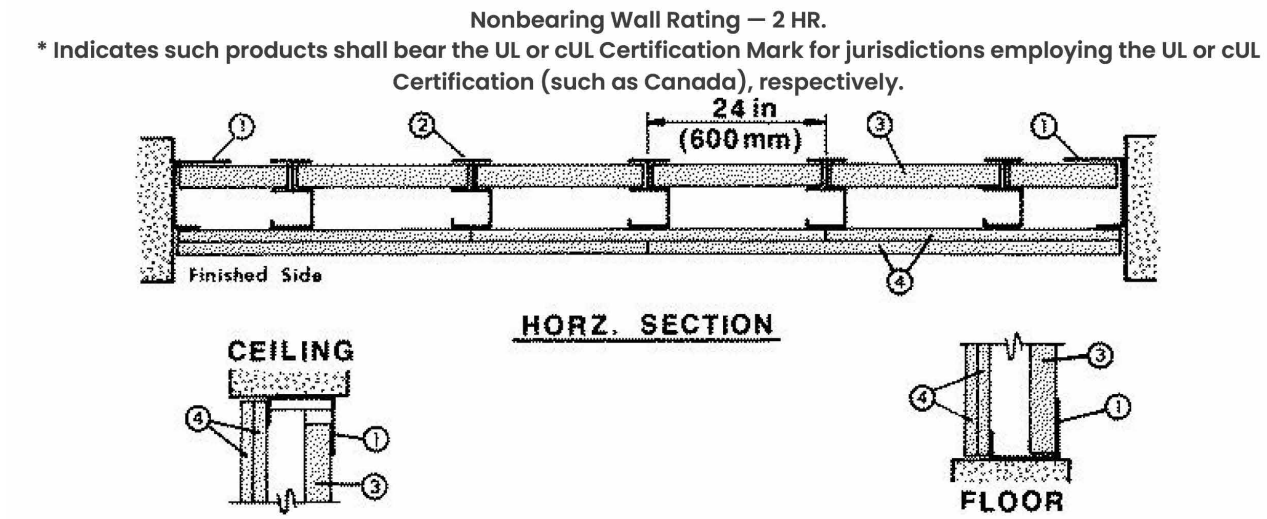
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See General Information for Fire-Resistance Ratings - ANSI/UL 283 Certified for United States
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-Resistance Ratings - CAN/ULC-S101 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 end panels attached to long leg of "J"-runners with 1-5/8 in. long Type S steel screws spaced not greater than 12 in. OC.

CGC INC – Type SLX

CERTAINTED GYPSUM INC – Type Shiftliner, LGFCSL

NATIONAL GYPSUM CO – FSW, FSW - 7

UNITED STATES GYPSUM CO – Type SLX

USG BORAL DRYWALL SFZ LLC – Type SLX

USG MEXICO S A DE C V – Type SLX

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

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

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

AMERICAN GYPSUM CO – Types AG-C.

CABOT MANUFACTURING ULC – Type C

CERTAINTED GYPSUM INC – Type C

CGC INC – Type C, IP-X2, or WRC.

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

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

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

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

THAI GYPSUM PRODUCTS PCL – Type C.

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

USG BORAL DRYWALL SFZ LLC – Type C

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

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

CGC INC – Type AR, IP-AR, IP-X1, SCX, ULX or WRC.

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

USG BORAL DRYWALL SFZ LLC – Type SCX

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

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

RAY-BAR ENGINEERING CORP – Type RB-LBG

4C. **Gypsum Board*** – (As an alternate to Item 4, 4A, 4B) – 5/8 in. thick. Two layers installed as described in Item 4.

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

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

MAYCO INDUSTRIES INC – Type X-Ray Shielded Gypsum

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

RADIATION PROTECTION PRODUCTS INC – Type RPP – Lead Lined Drywall

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

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

CGC INC – Type ULUX.

UNITED STATES GYPSUM CO – Type ULUX.

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

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

CERTAINTED GYPSUM INC – Type X-1

4I. **Gypsum Board*** – (As an alternate to Item 4) – For use with 1 in. Type FSW-7 gypsum board (Item 3) only. 5/8 in. thick, 4 ft wide, applied in two layers. Base layer attached vertically to studs and side "J" runners with 1 in. long Type S self-tapping steel screws spaced 16 in. OC. Face layer installed vertically to studs with 1 in. long Type S 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".

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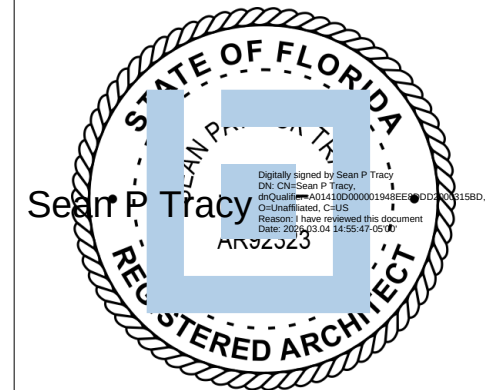
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ISSUE FOR
CONSTRUCTION DOCUMENTS

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 D -
TRUCK WASH

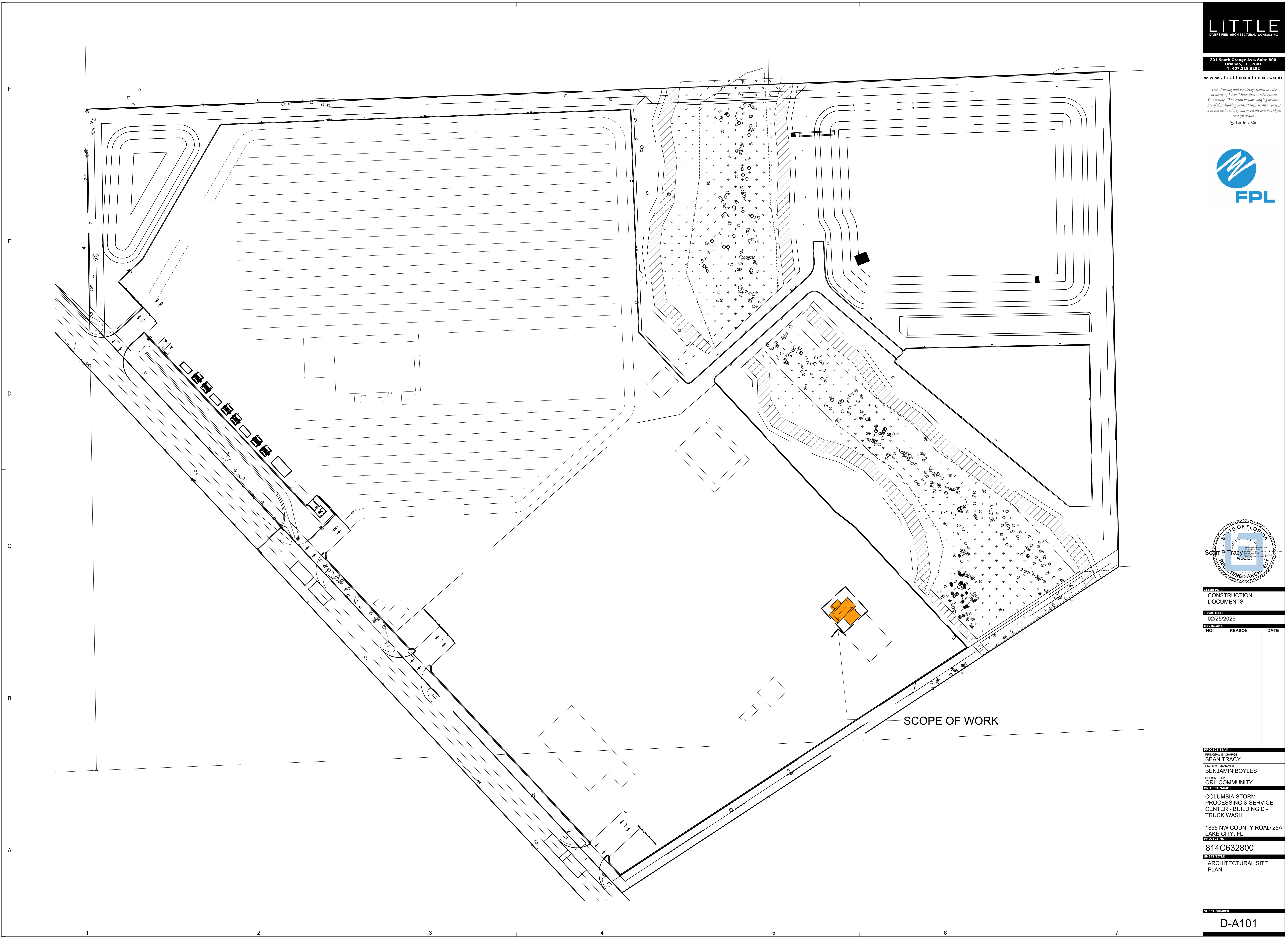
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

UL ASSEMBLY
INFORMATION

SHEET NUMBER

D-G124



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FPL

Sean P. Tracy
REGISTERED ARCHITECT

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PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

PROJECT NO.
814C632800

SHEET TITLE
ARCHITECTURAL SITE
PLAN

SHEET NUMBER
D-A101

F

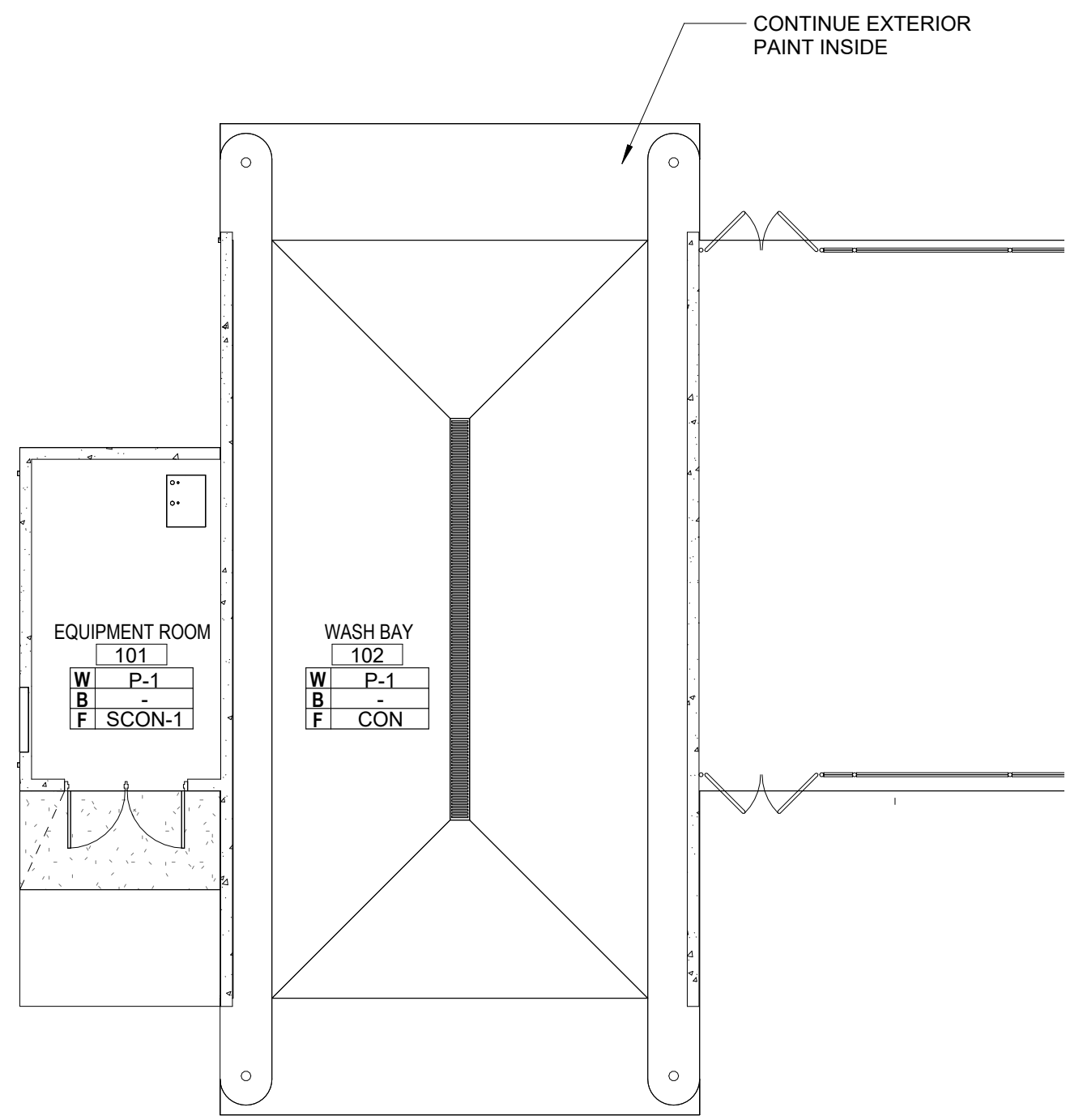
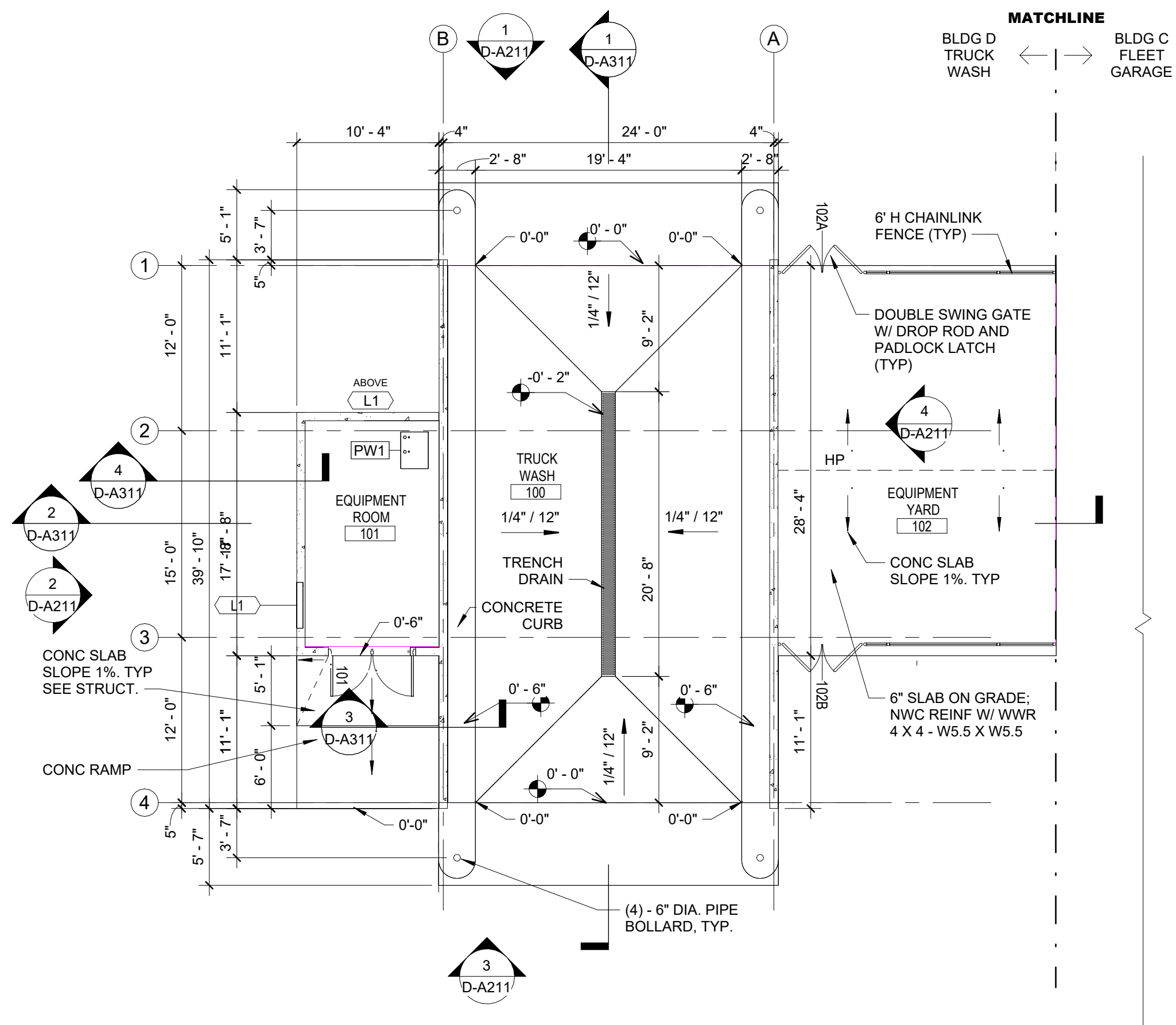
E

D

C

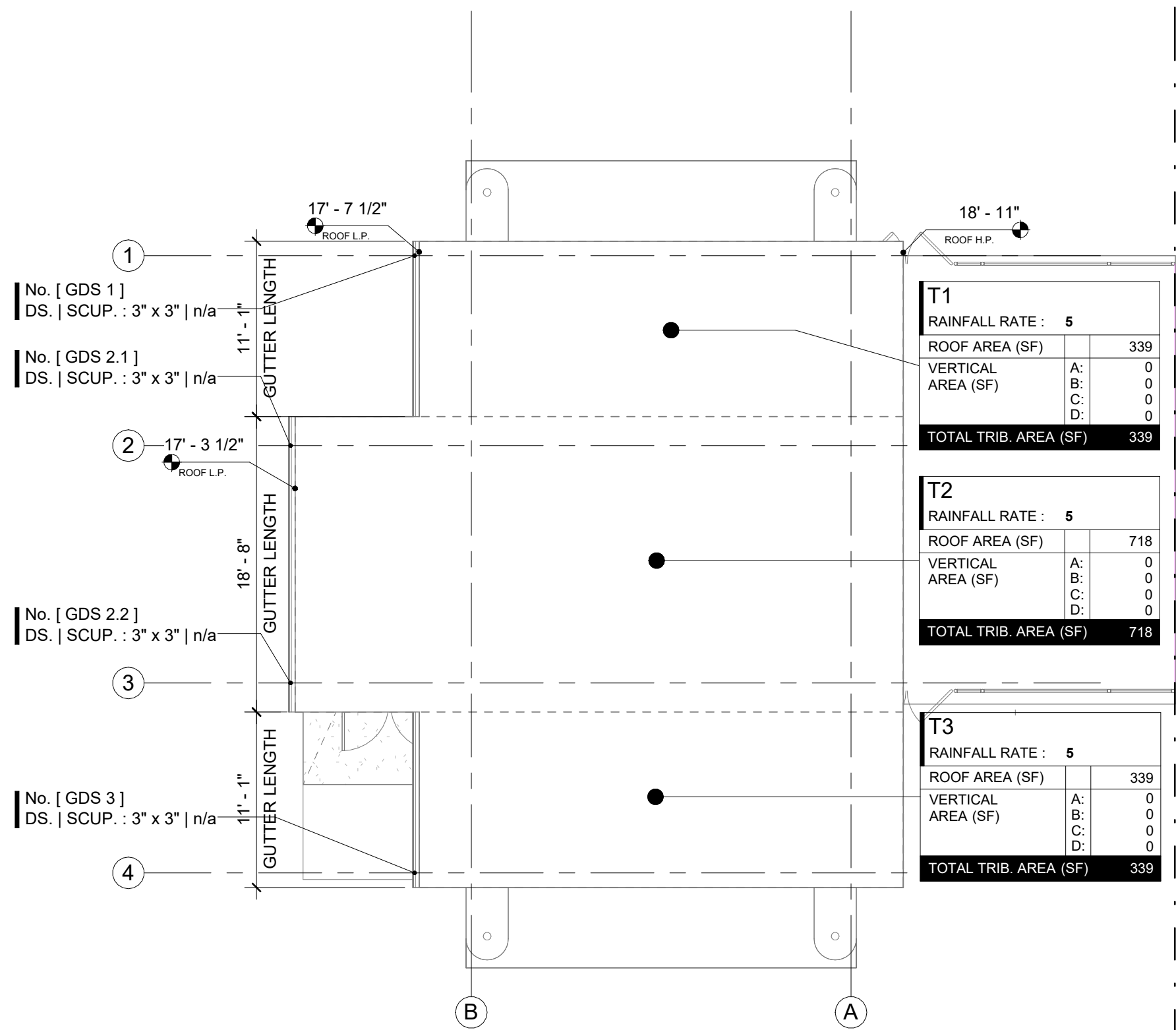
B

A

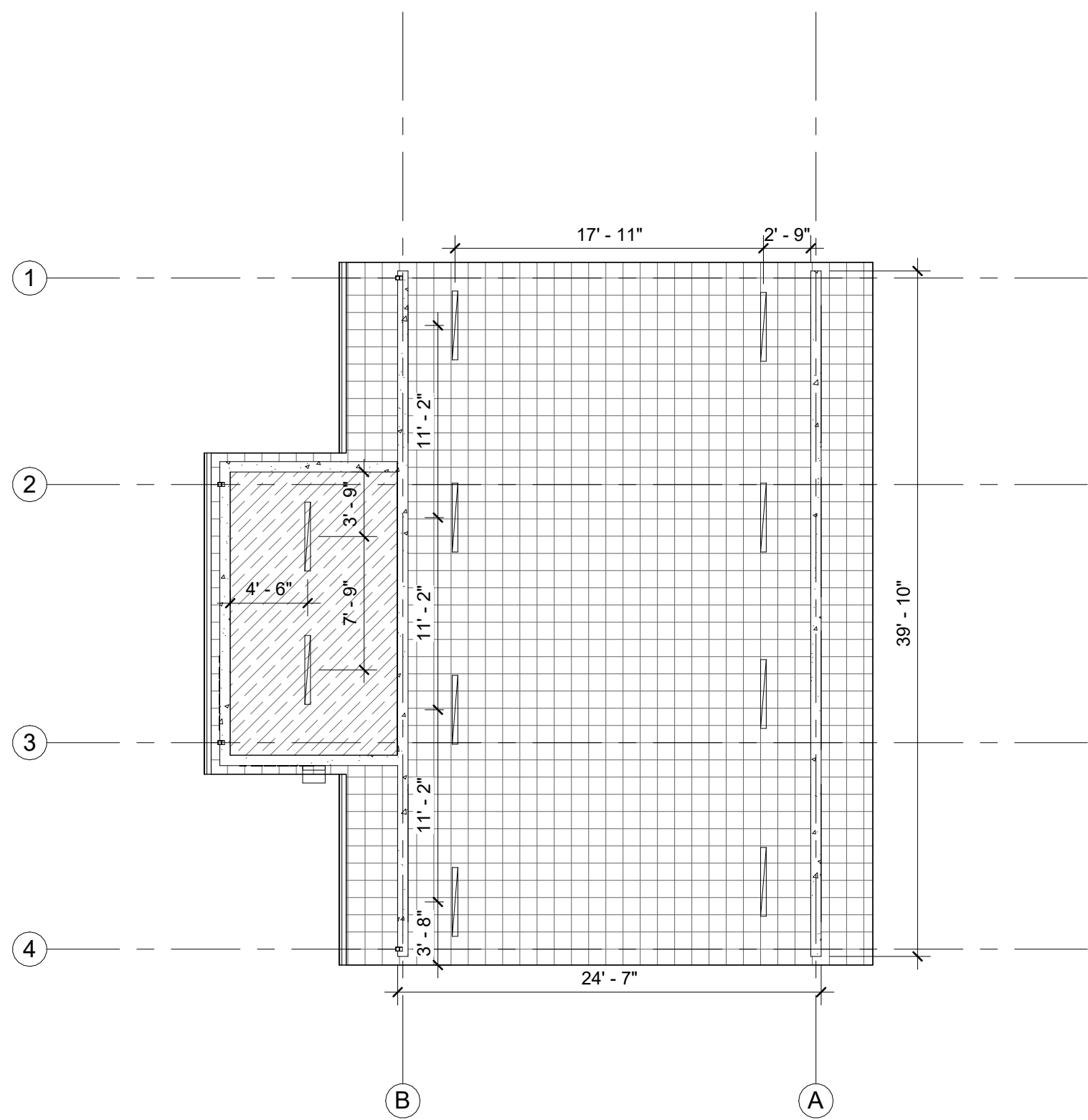


1 FLOOR PLAN
D-A111 1/8" = 1'-0"

2 FINISH/SIGNAGE PLAN
D-A111 1/8" = 1'-0"

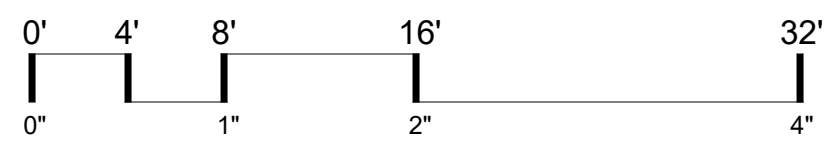


3 ROOF PLAN
D-A111 1/8" = 1'-0"

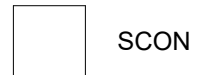


4 CEILING PLAN
D-A111 1/8" = 1'-0"

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 EA. (G.P.M.)	Gutter Size	Comments
T1	GSD1	3" X 3" n/a	339	0	0	0	0	339	5	0.052	18	92	4" X 4"	
T2	GSD2.1 / GSD2.2	3" X 3" n/a	718	0	0	0	0	718	5	0.052	37	92	4" X 4"	
T3	GSD3	3" X 3" n/a	339	0	0	0	0	339	5	0.052	18	92	4" X 4"	
1,396														

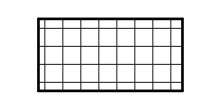


FINISH PLAN LEGEND

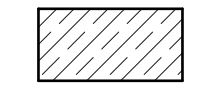


CEILING LEGEND

CEILING TYPES

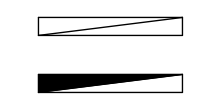


OPEN TO DECK, P-9

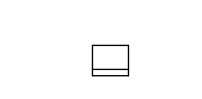


OPEN TO DECK, P-10

LIGHT FIXTURES



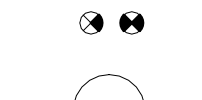
4' LINEAR



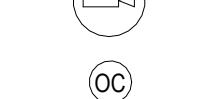
4' LINEAR



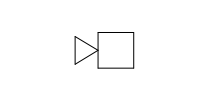
LED WALLPACK



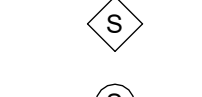
LED WALLPACK (EMERGENCY)



EXIT SIGNS



CAMERA



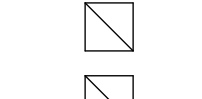
OCCUPANCY SENSOR



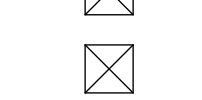
FA SPEAKER STROBE - WALL MOUNT



FA SMOKE DETECTOR



SPEAKER



WIRELESS ACCESS POINT



CEILING GRILLE (RETURN)



CEILING GRILLE (EXHAUST)



CEILING SUPPLY DIFFUSER

GUTTER AND DOWNSPOUT SIZING

Project Name: FPL - COLUMBIA - BLDG D AREA - T1

Rainfall Intensity (in/hr): 5
Rainfall Intensity manually entered by user

Roof Rainfall Design Area (ft²): 339.00
Area of Largest Roof Serving a Single Gutter System
Design Area manually entered by user

Gutter in Lineal Ft: 11.083333
** Length at Largest Roof Serving a Single Gutter System*

Gutter Length Serving Single DS (ft.): 12
**Assumption: downspouts are equally spaced*
***Maximum gutter length to be served by a downspout is 50ft per SMACNA ASMM*

M (depth to width ratio): 1.00

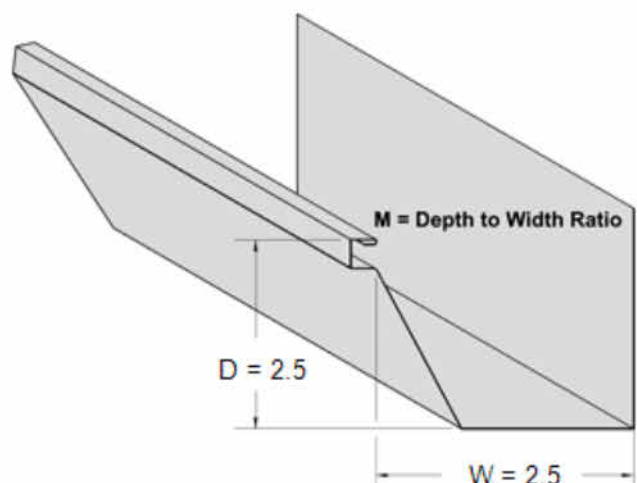
Min. Gutter Width (in.): 2.5 [Rectangular]

Min. Gutter Depth (in.): 2.5

of Downspouts: 1

Min. Area per DS (in²): 1.47

Min. DS Size (in): 1.75 x 2.25 [Plain Rectangular]
**Per Table 1-3 on page 1.4 of SMACNA ASMM*



Calculations are derived using the 7th Edition of SMACNA's Architectural Sheet Metal Manual

Project Name: FPL - COLUMBIA - BLDG D AREA - T2

Rainfall Intensity (in/hr): 5
Rainfall Intensity manually entered by user

Roof Rainfall Design Area (ft²): 718.00
** Area of Largest Roof Serving a Single Gutter System*
Design Area manually entered by user

Gutter in Lineal Ft: 18.66666
** Length at Largest Roof Serving a Single Gutter System*

Gutter Length Serving Single DS (ft.): 10
**Assumption: downspouts are equally spaced*
***Maximum gutter length to be served by a downspout is 50ft per SMACNA ASMM*

M (depth to width ratio): 1.00

Min. Gutter Width (in.): 3 [Rectangular]

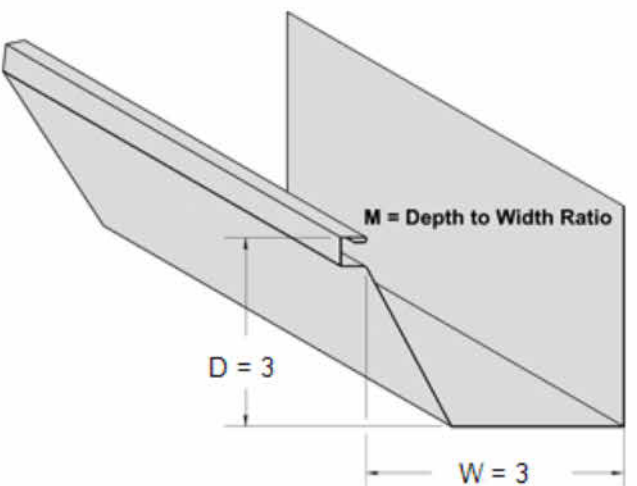
Min. Gutter Depth (in.): 3

of Downspouts: 2

Additional Downspouts: 1
**to reduce size of gutter and downspouts additional downspouts can be added*

Min. Area per DS (in²): 1.55

Min. DS Size (in): 1.75 x 2.25 [Plain Rectangular]
**Per Table 1-3 on page 1.4 of SMACNA ASMM*



Project Name: FPL - COLUMBIA - BLDG D AREA - T3

Rainfall Intensity (in/hr): 5
Rainfall Intensity manually entered by user

Roof Rainfall Design Area (ft²): 339.00
** Area of Largest Roof Serving a Single Gutter System*
Design Area manually entered by user

Gutter in Lineal Ft: 11.083333
** Length at Largest Roof Serving a Single Gutter System*

Gutter Length Serving Single DS (ft.): 12
**Assumption: downspouts are equally spaced*
***Maximum gutter length to be served by a downspout is 50ft per SMACNA ASMM*

M (depth to width ratio): 1.00

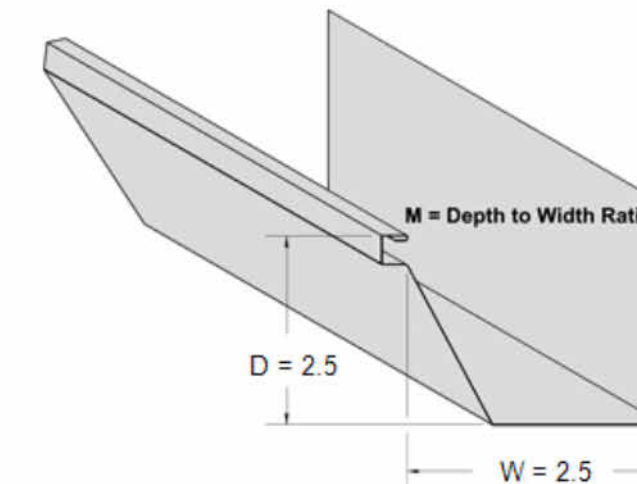
Min. Gutter Width (in.): 2.5 [Rectangular]

Min. Gutter Depth (in.): 2.5

of Downspouts: 1

Min. Area per DS (in²): 1.47

Min. DS Size (in): 1.75 x 2.25 [Plain Rectangular]
**Per Table 1-3 on page 1.4 of SMACNA ASMM*



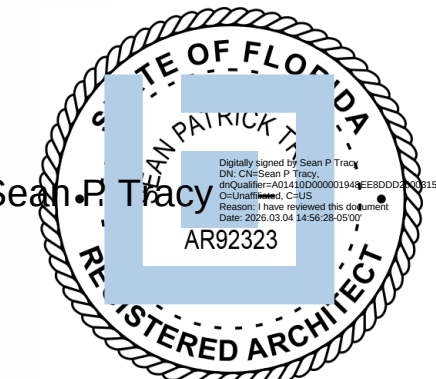
Calculations are derived using the 7th Edition of SMACNA's Architectural Sheet Metal Manual

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PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

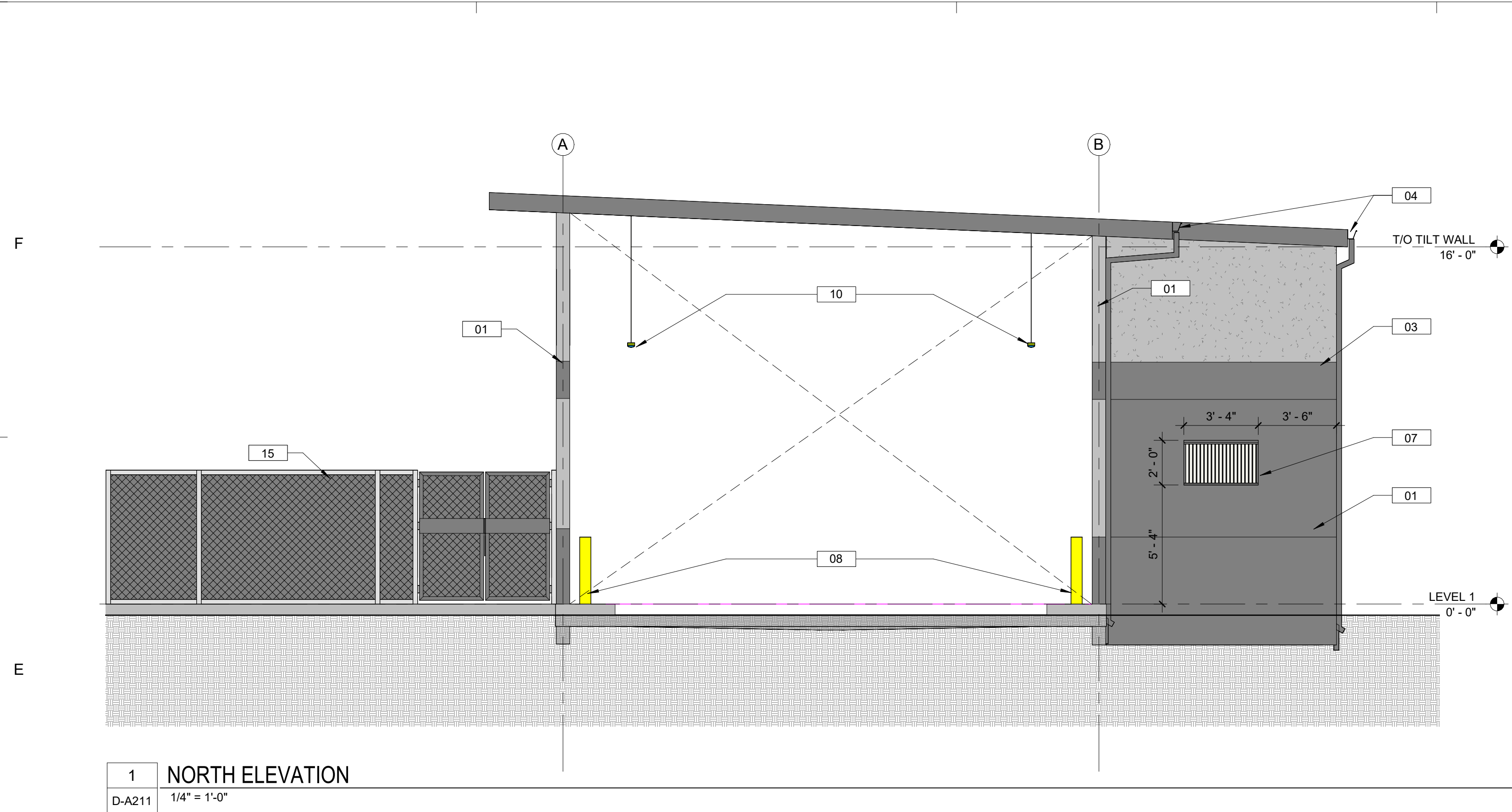
1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

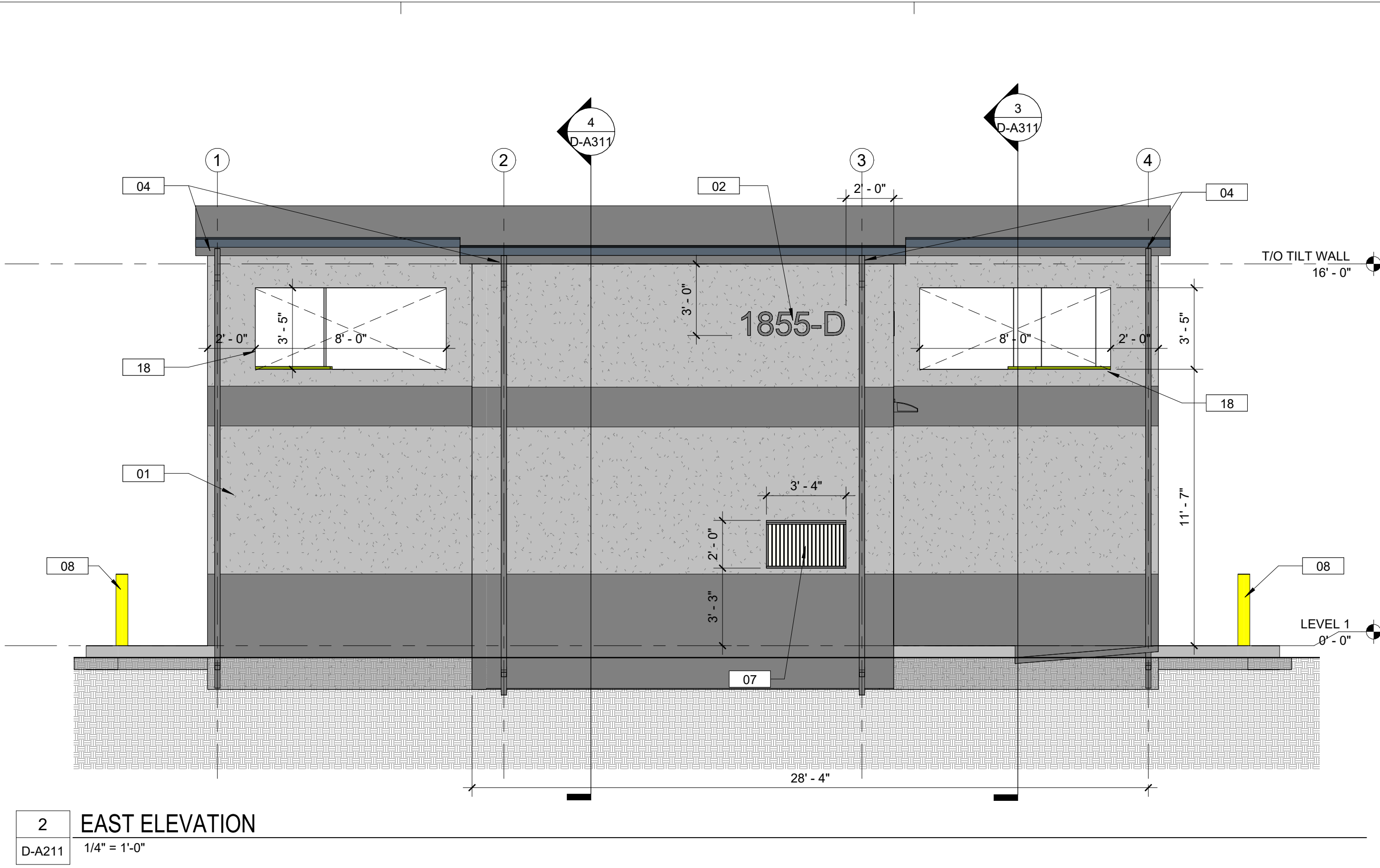
SHEET TITLE
FLOOR, ROOF, FINISH
AND SIGNAGE, AND
CEILING PLANS

SHEET NUMBER

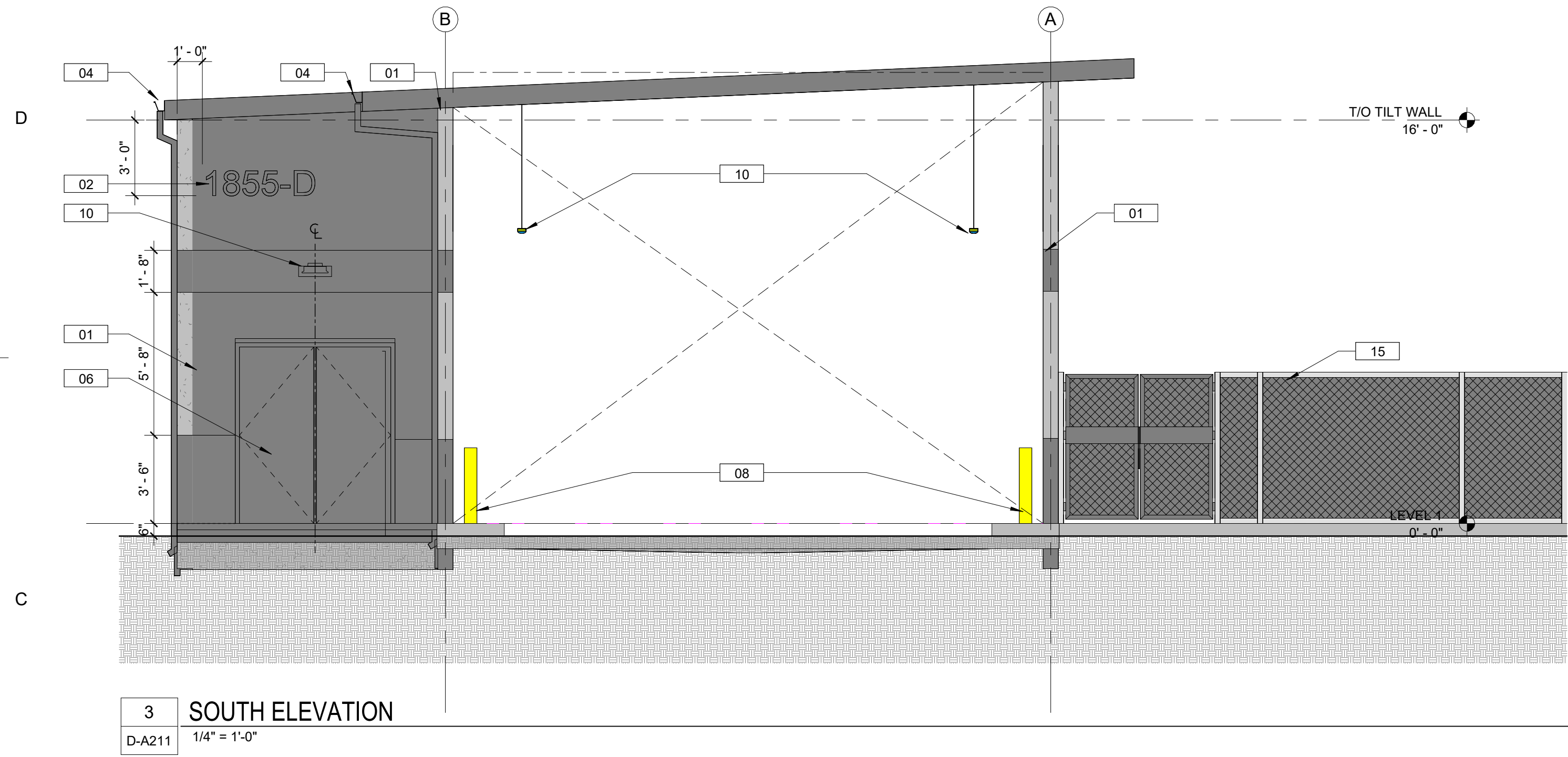
D-A111



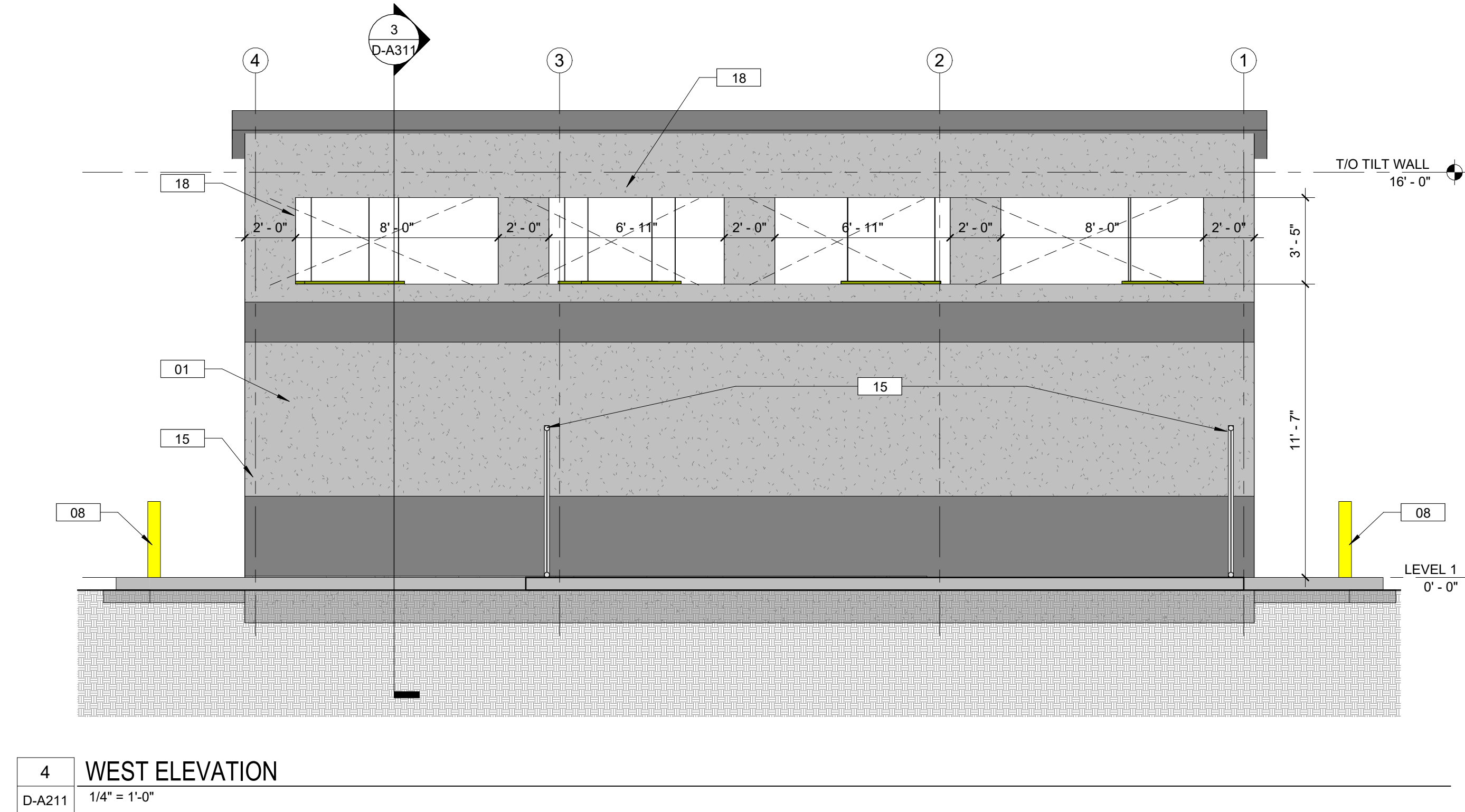
1 NORTH ELEVATION
D-A211 1/4" = 1'-0"



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



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



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

GENERAL NOTES - ELEVATIONS

- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
- PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS (STRUCTURAL AND DECORATIVE).
- SEE SHEET <K-G12> FOR EXTERIOR WALL TYPES.
- SEE SHEET <K-A900> FOR EXTERIOR GLAZING TYPES.
- TILT-WALL RETURN JOINTS AND VERTICAL & HORIZONTAL JOINTS ADJACENT TO WINDOW WALL SYSTEM MUST BE CAULKED/SEALED PRIOR TO WINDOW WALL INSTALLATION.
- PROVIDE BOND BREAKER TAPE AT ALL T & F CLIPS. TYPICAL.
- REFERENCE M.E.P. & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- STOREFRONT/FSP FRAMING IS INDICATED WITH DASHED LINES WHERE OBSCURED BY ELEMENTS IN THE ORTHOGRAPHIC ELEVATION VIEW.
- PROVIDE CONTROL/EXPANSION JOINTS AT EXTERIOR FINISH SYSTEMS AS REQ'D BY MANUF. CONFIRM LOCATION W/ ARCHITECT.

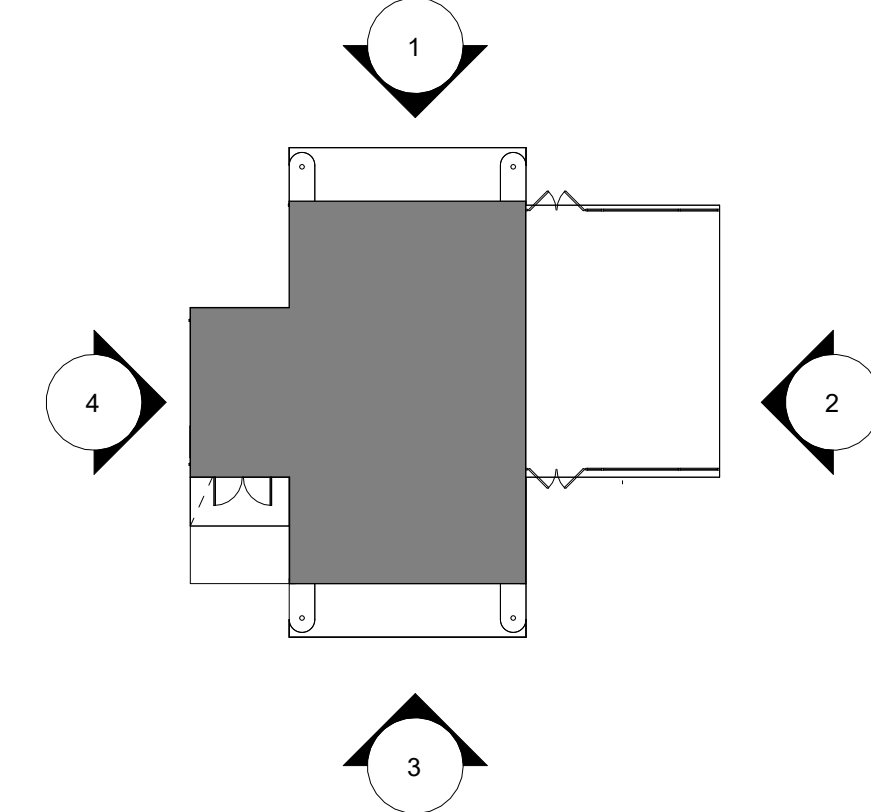
MATERIALS LEGEND

01	CONCRETE TILT-UP WALL (TYP.)
02	BUILDING ADDRESS SIGNAGE
03	NOT USED
04	STAINLESS STEEL GUTTER AND DOWNSPOUT
05	NOT USED
06	HOLLOW METAL DOOR (TYP.)
07	LOUVERED VENT
08	CONCRETE-FILLED STEEL BOLLARD, PAINTED SAFETY YELLOW (TYP.)
09	NOT USED
10	EXTERIOR LIGHTING FIXTURE, 10'-0" AFF TYP. (REFER TO ELECTRICAL DRAWINGS)
11	ELECTRICAL RELL (REFER TO FIRE PROTECTION DRAWINGS)
12	NOT USED
13	(4) RADIO ANTENNA SLEEVES (REFER TO ELECTRICAL DRAWINGS)
14	NOT USED
15	CHAINLINK FENCE / GATE
16	KNOX BOX, COORDINATE WITH FIRE DEPT. FOR MOUNTING LOCATION
17	DISCONNECT
18	TILT WALL OPENING

COLOR LEGEND

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

KEY PLAN



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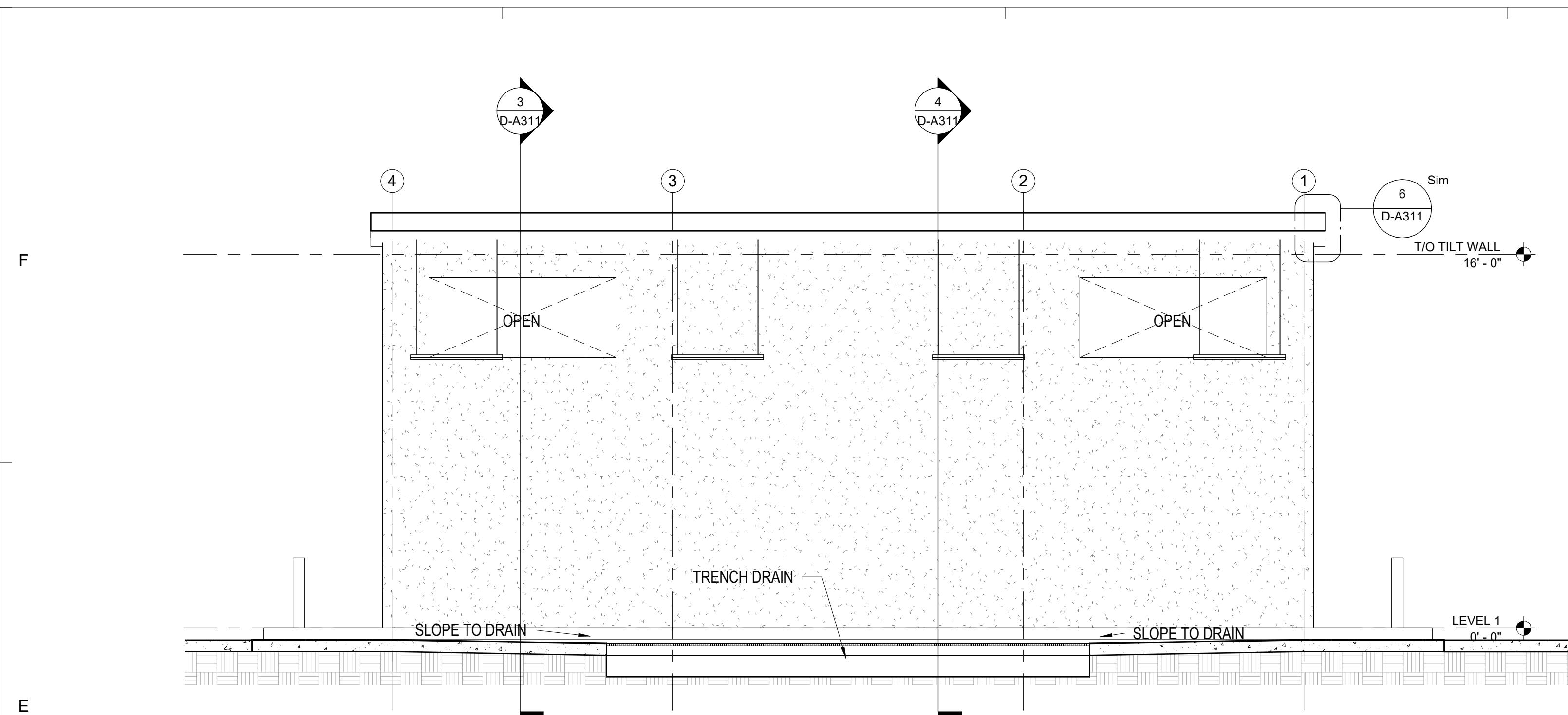
FPL

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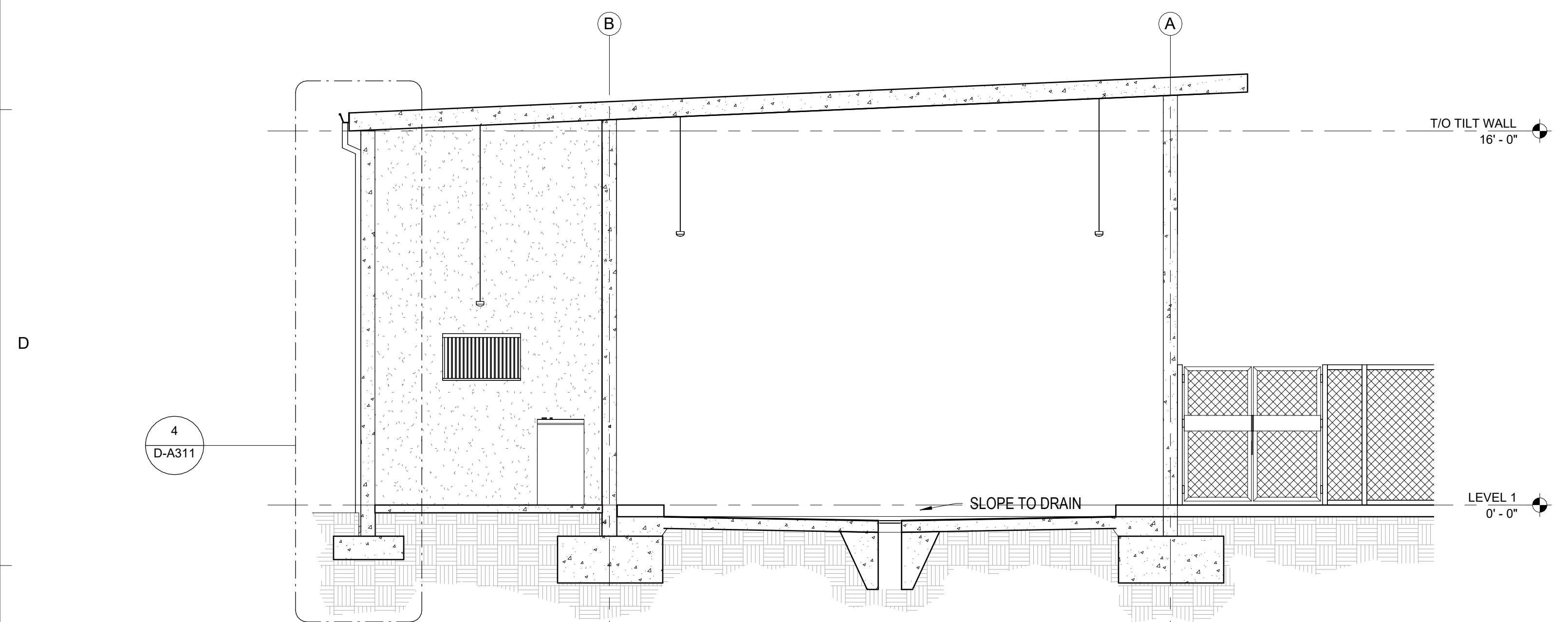
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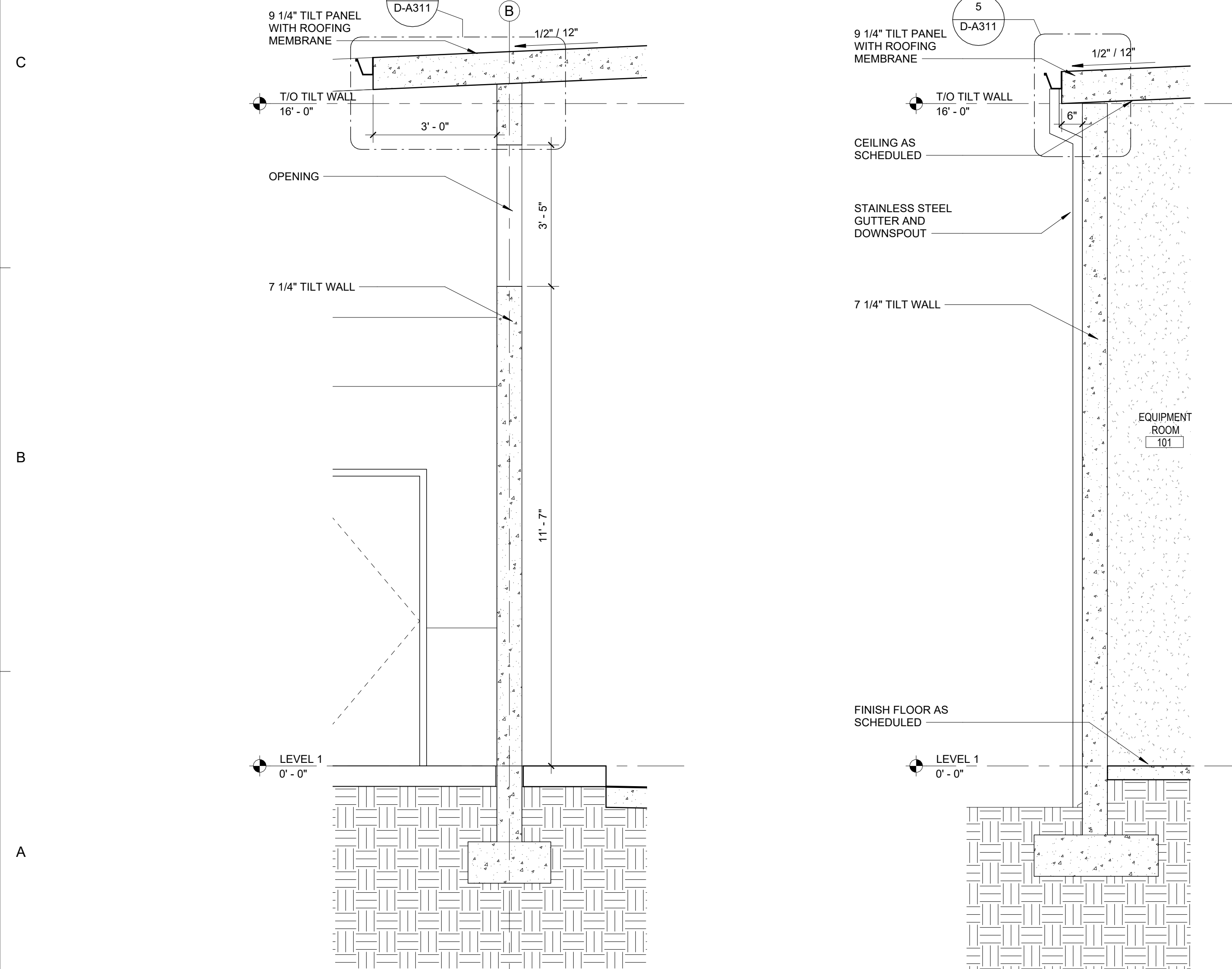
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TRUCK WASH
1855 NW COUNTY ROAD 25A,
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PROJECT NO.
814C632800
SHEET TITLE
EXTERIOR
ELEVATIONS
SHEET NUMBER
D-A211



1 BUILDING SECTION E/W
D-A311 1/4" = 1'-0"

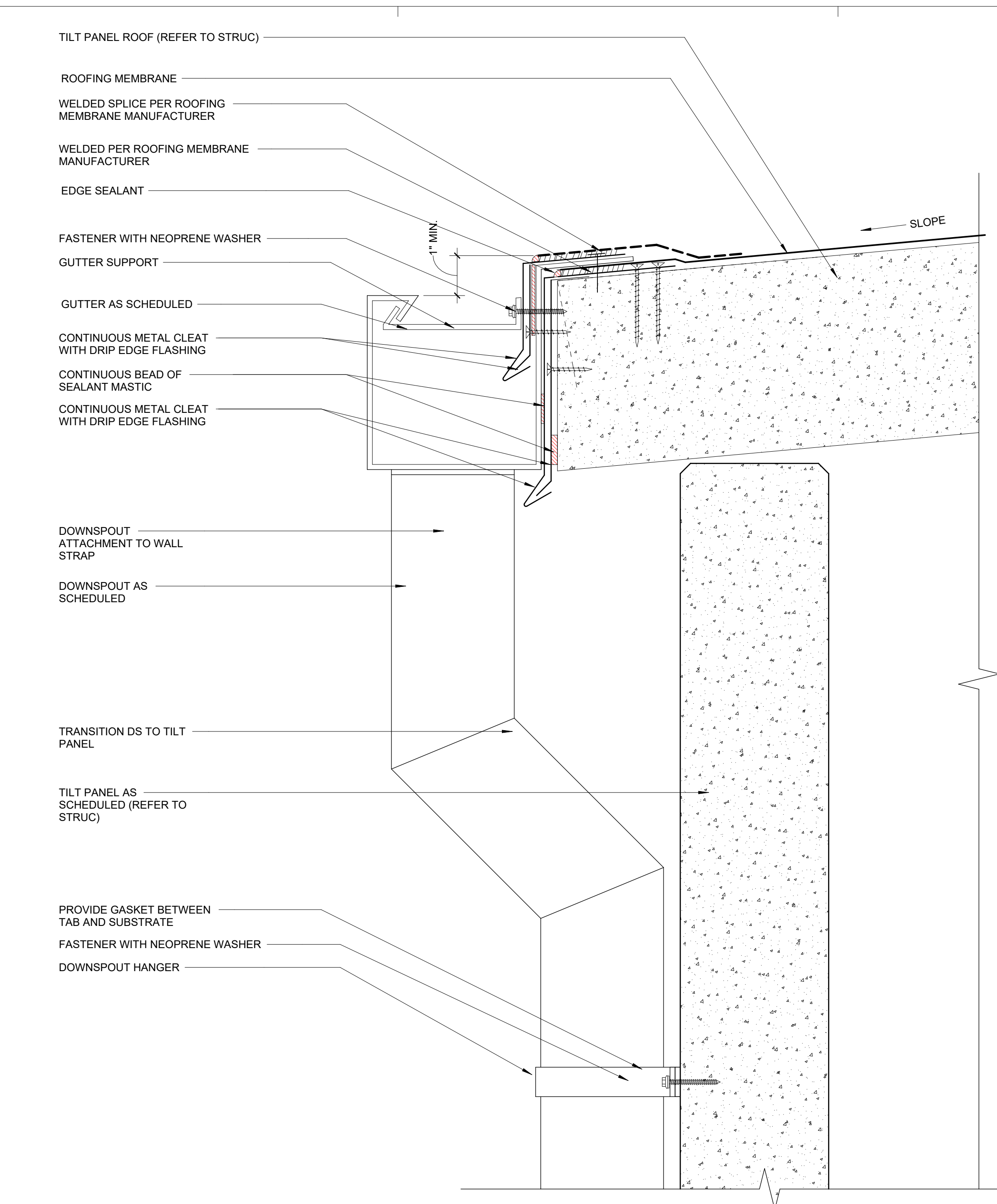


2 BUILDING SECTION N/S
D-A311 1/4" = 1'-0"

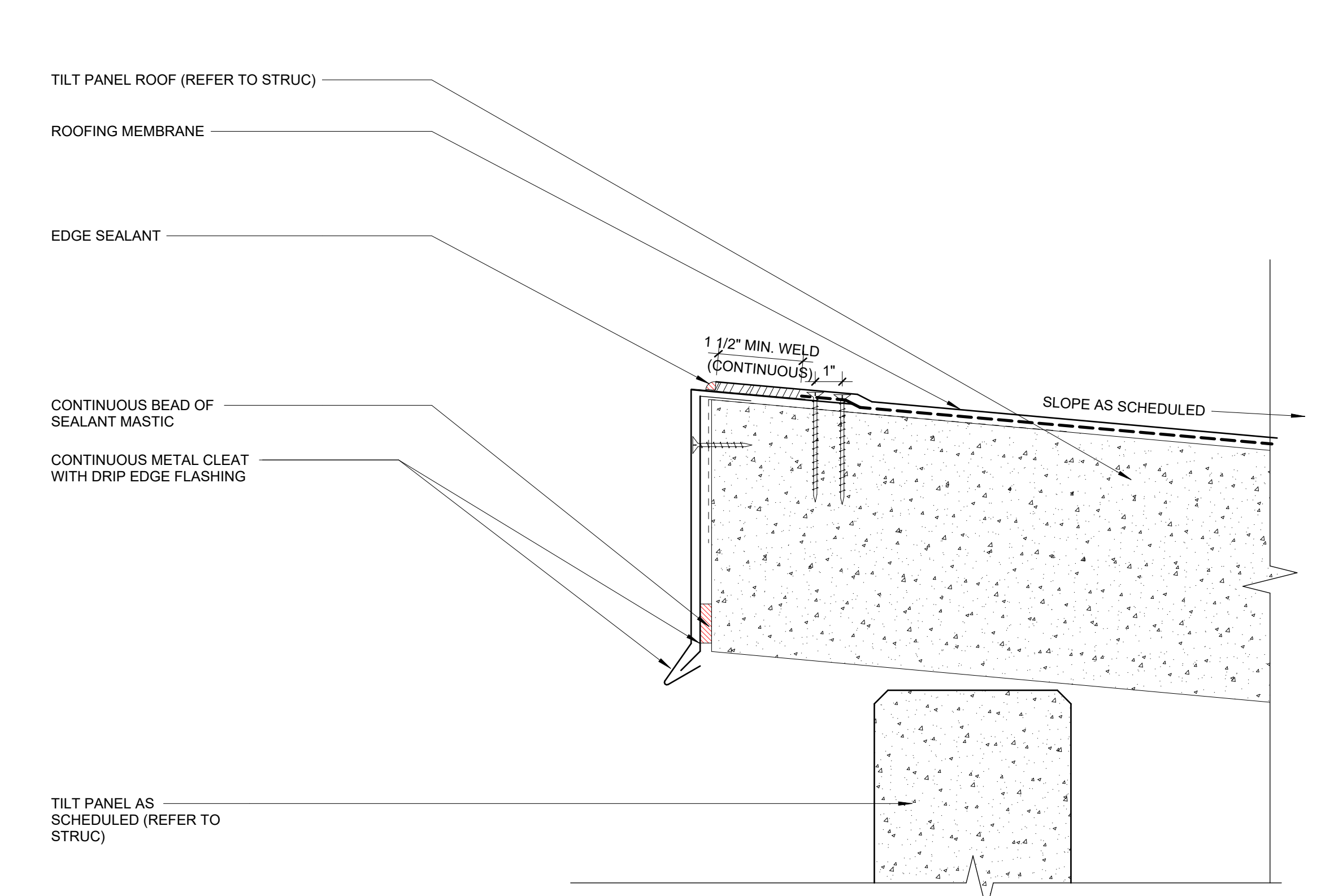


3 WALL SECTION 1
D-A311 1/2" = 1'-0"

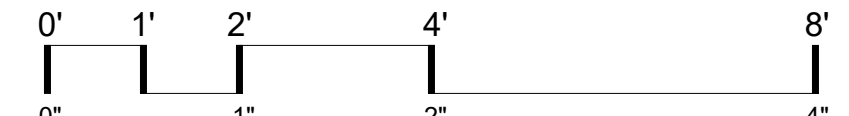
4 WALL SECTION 2
D-A311 1/2" = 1'-0"



5 ROOF BOX GUTTER
D-A311 3" = 1'-0"



6 ROOF EDGE
D-A311 3" = 1'-0"



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STATE OF FLORIDA

SEAN P. TRACY

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TRUCK WASH

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

BUILDING AND WALL
SECTIONS

SHEET NUMBER

D-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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ORL-COMMUNITY

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1855 NW COUNTY ROAD 25A, LAKE CITY, FL

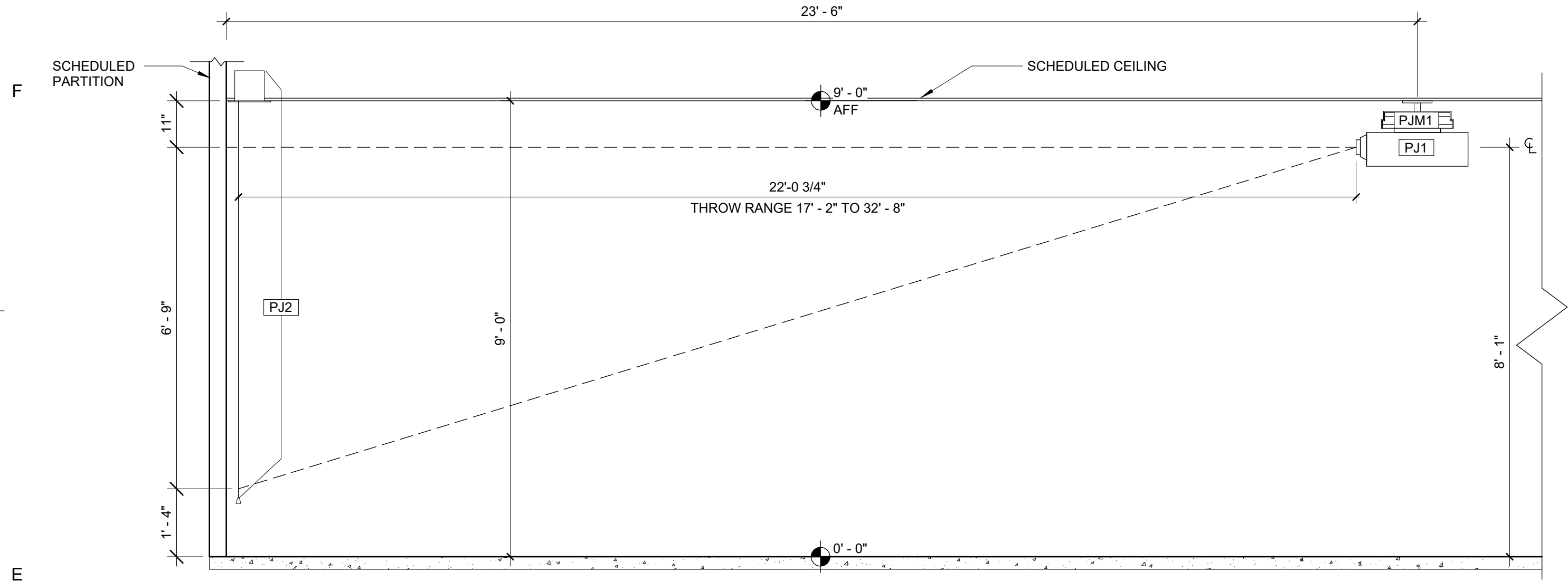
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SHEET TITLE

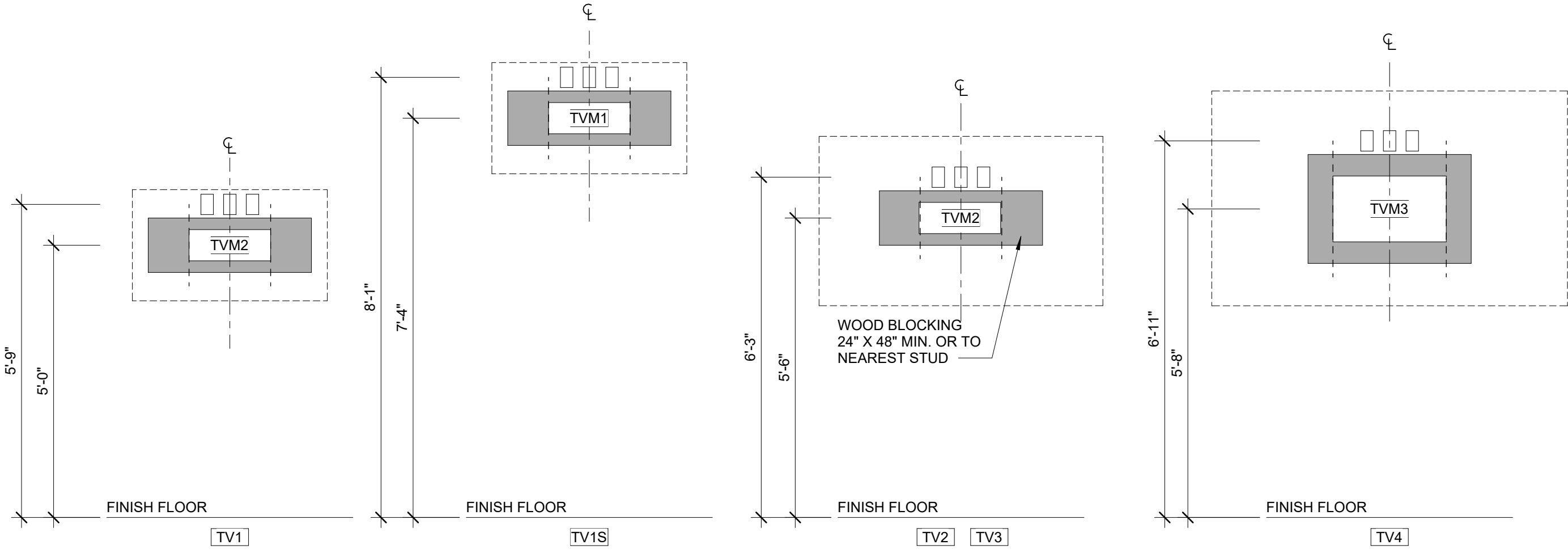
TYPICAL MOUNTING DETAILS

SHEET NUMBER

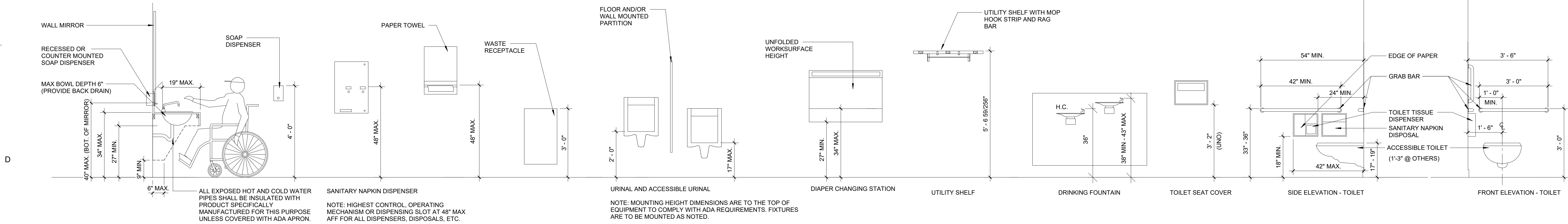
D-A400



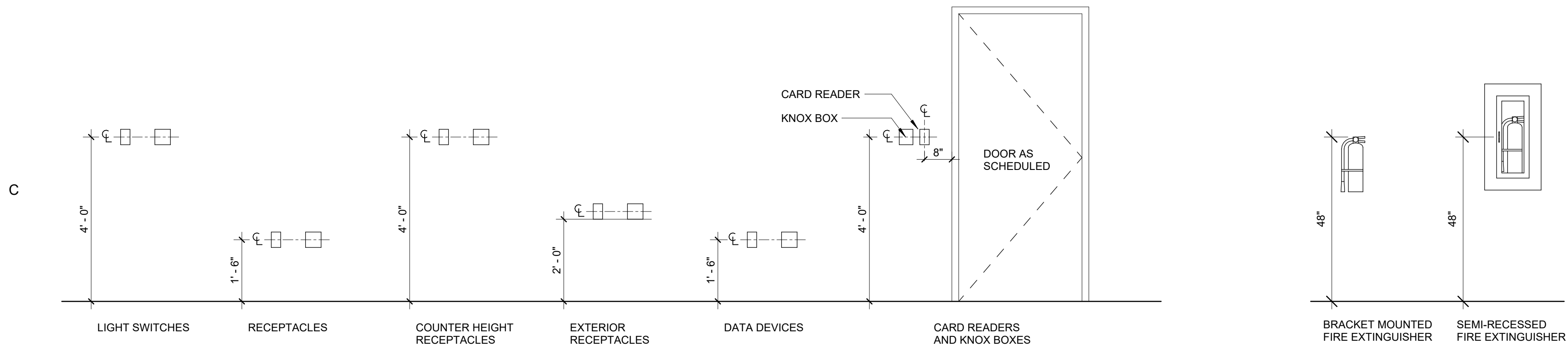
1 PROJECTOR AND SCREEN MOUNTING
D-A400 1/2" = 1'-0"



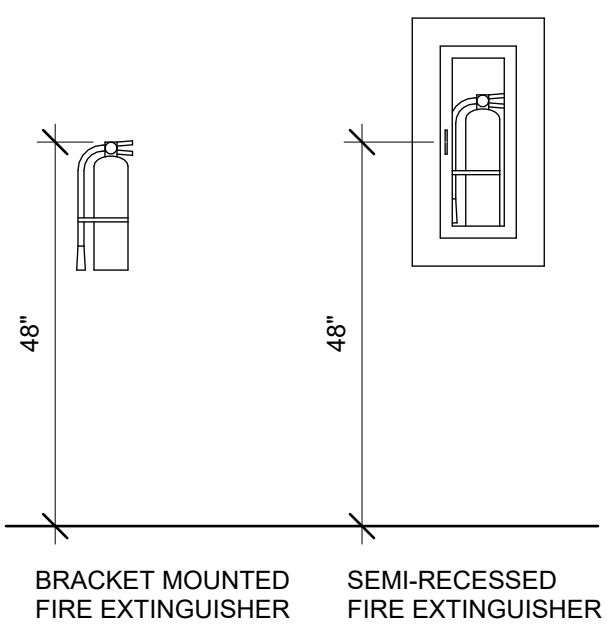
2 TYP. TV MOUNTING HEIGHTS
D-A400 1/2" = 1'-0" NOTE: REFER TO SHEET A-A800 FOR EQUIPMENT SCHEDULE



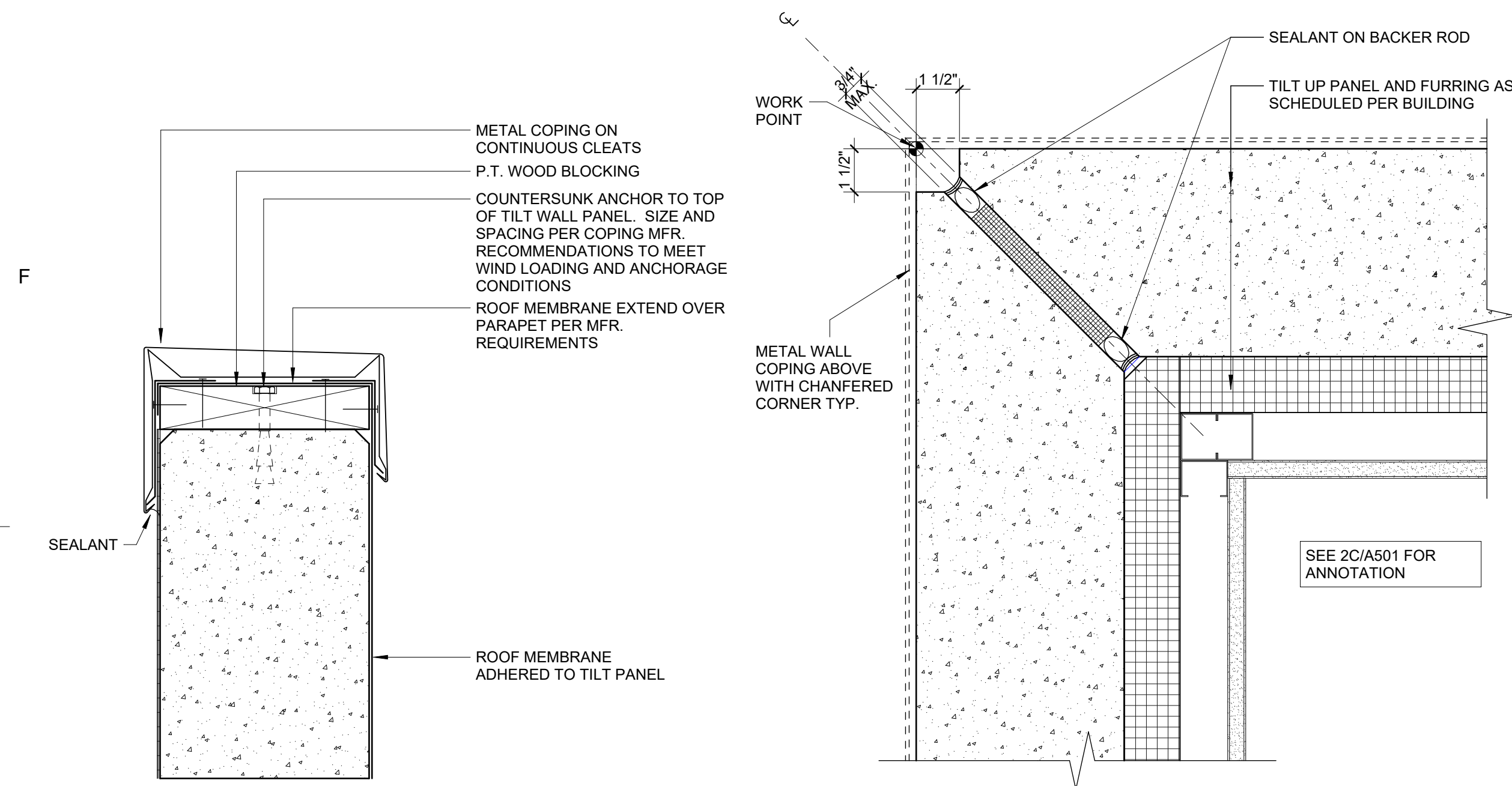
3 TYPICAL BATHROOM MOUNTING HEIGHTS
D-A400 1/2" = 1'-0"



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



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

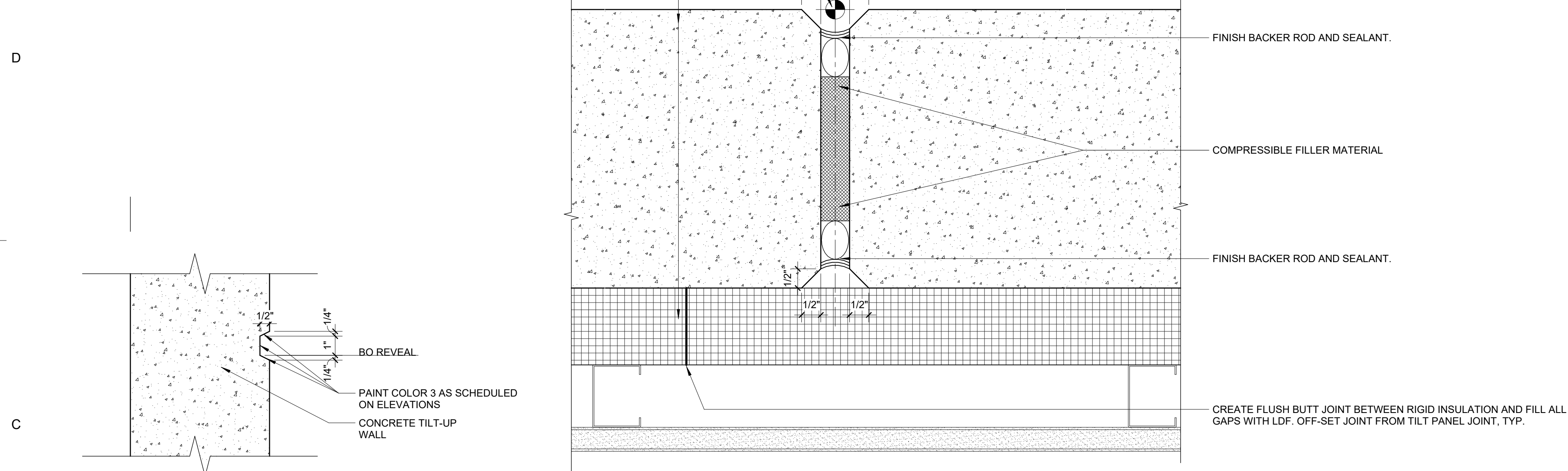


1E TYP. DETAIL @ TILT PANEL PARAPET
D-A501 3" = 1'-0"

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

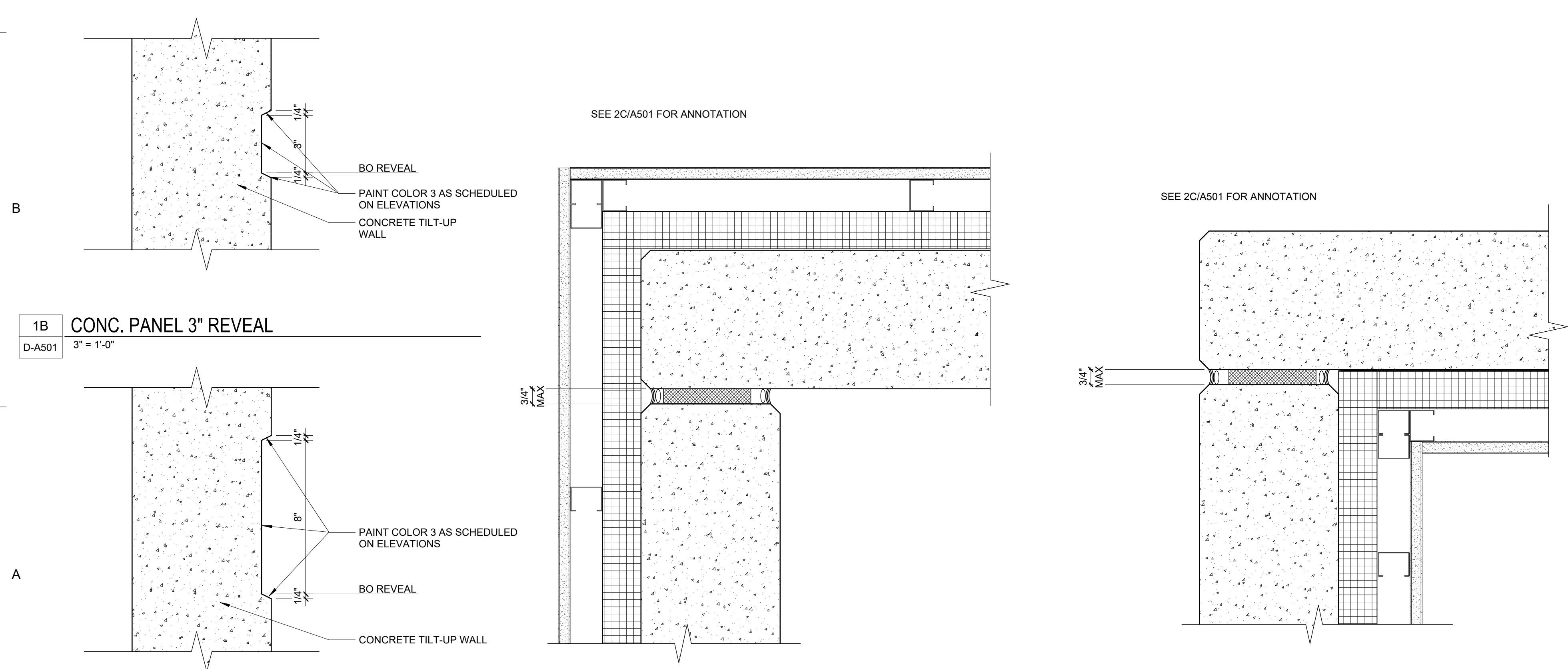


3E TYP. DETAIL @ TILT PANEL TO WALL
D-A501 3" = 1'-0"



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

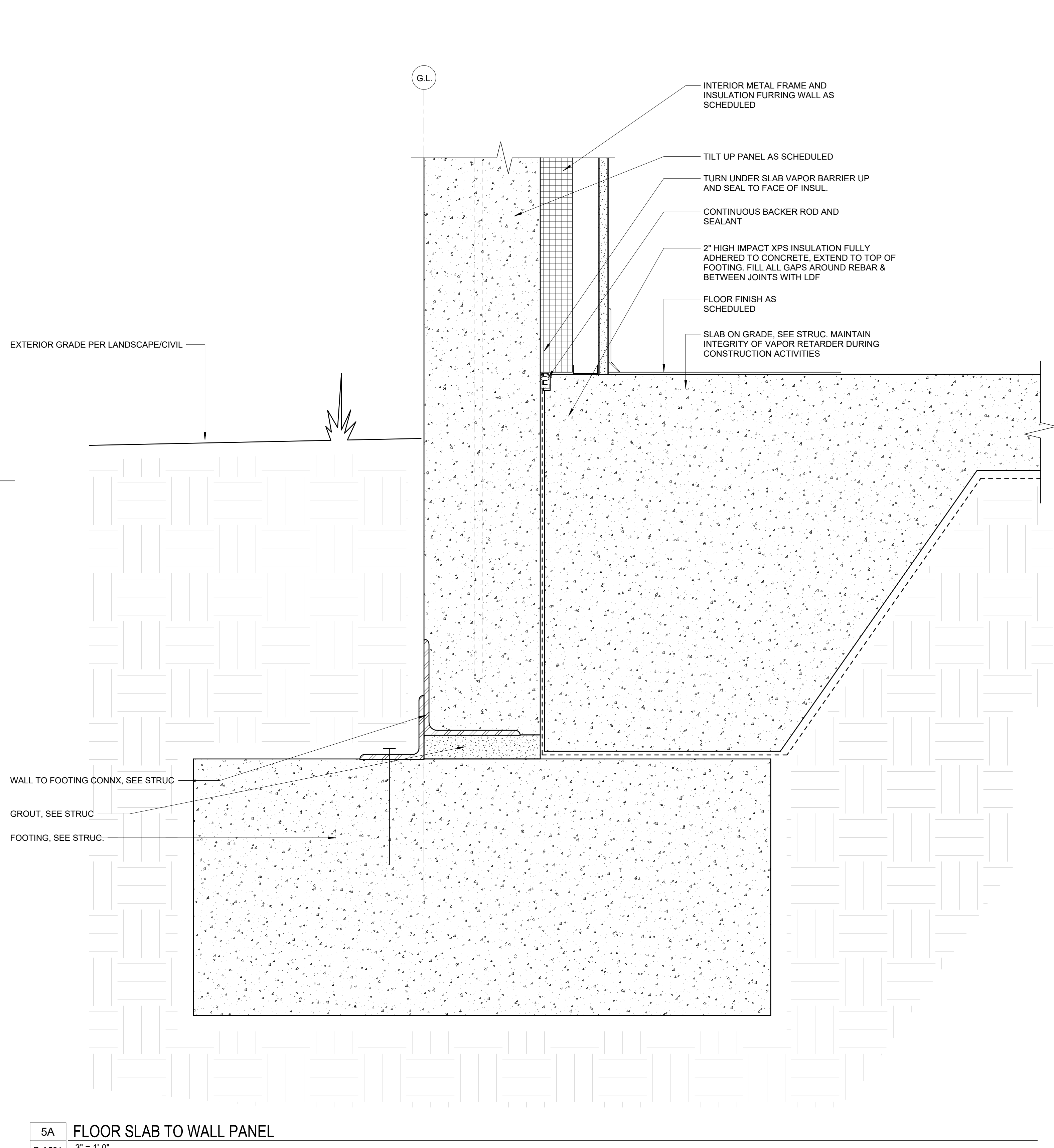
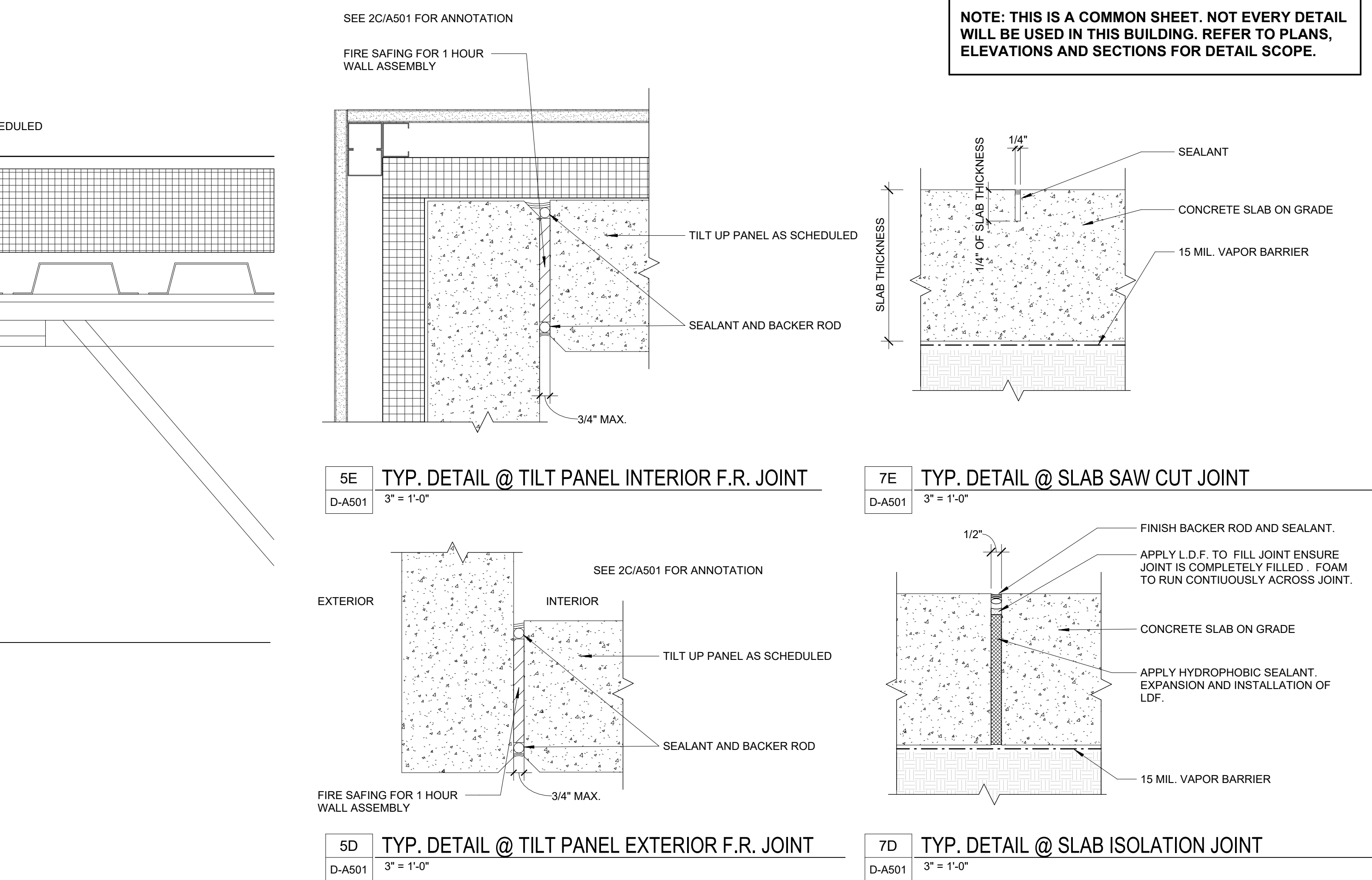
2C TYP. DETAIL @ TILT PANEL JOINTS
D-A501 6" = 1'-0"



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

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

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



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

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STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

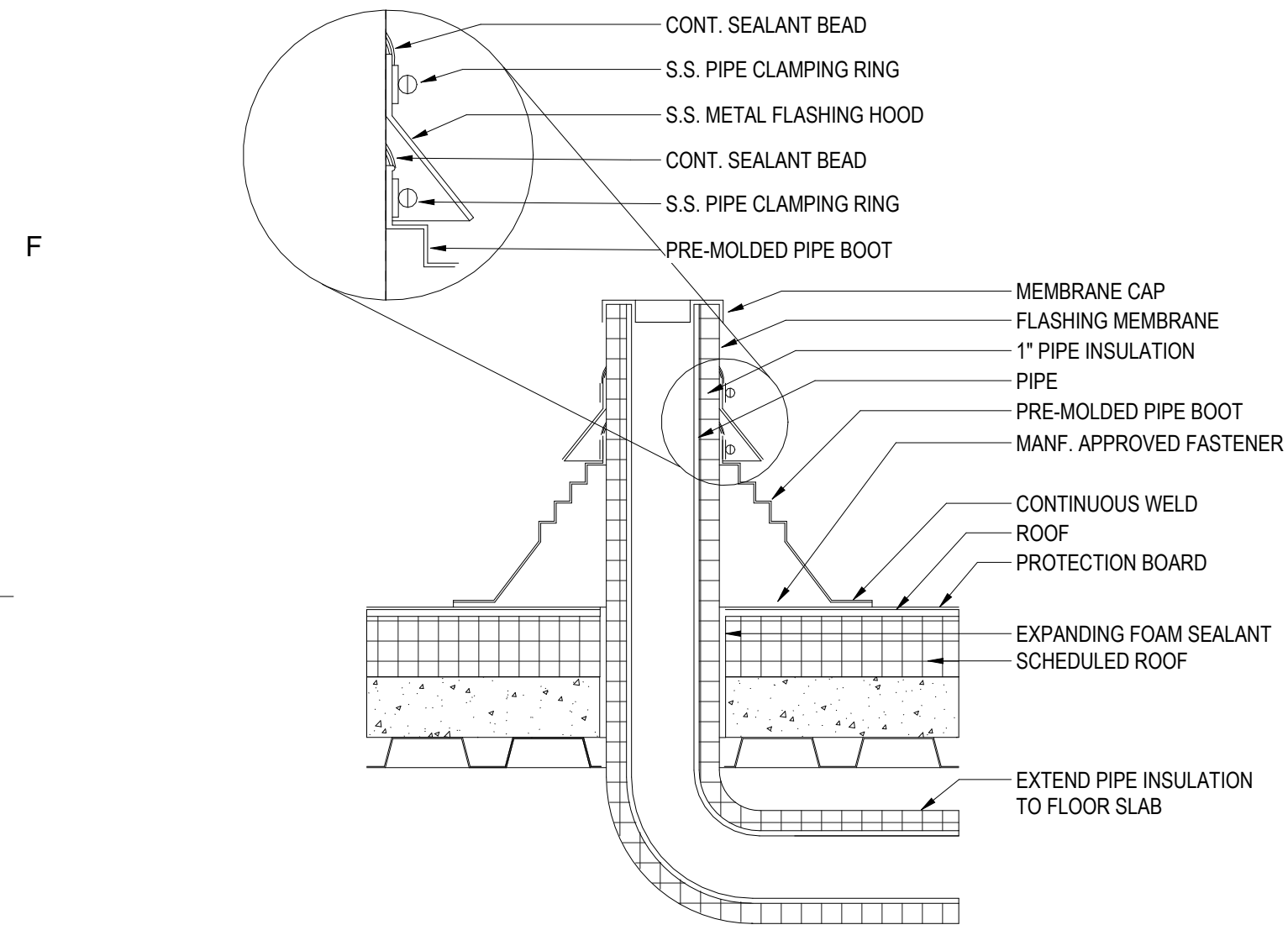
ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02/25/2026

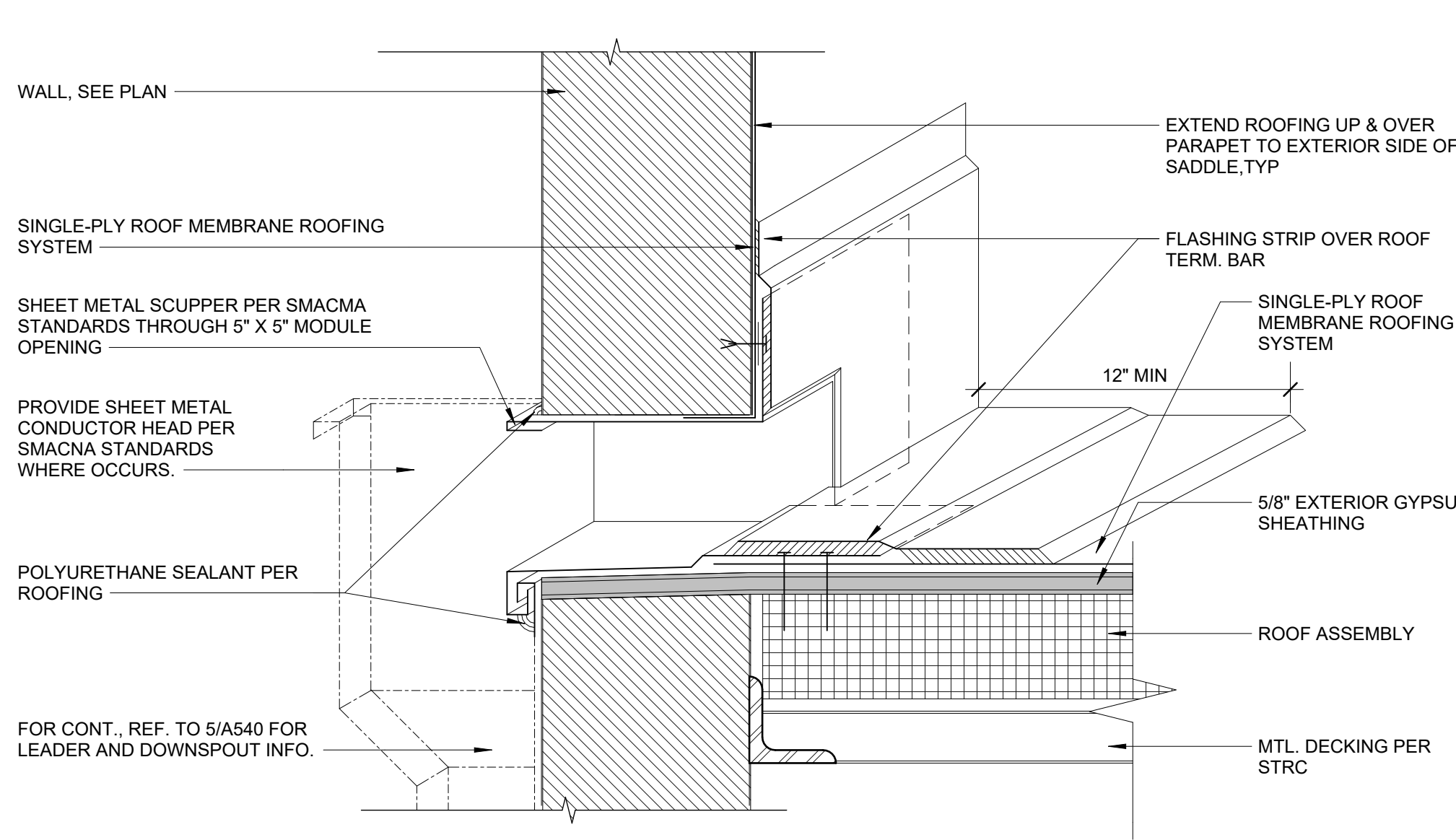
REVISIONS
NO. REASON DATE

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

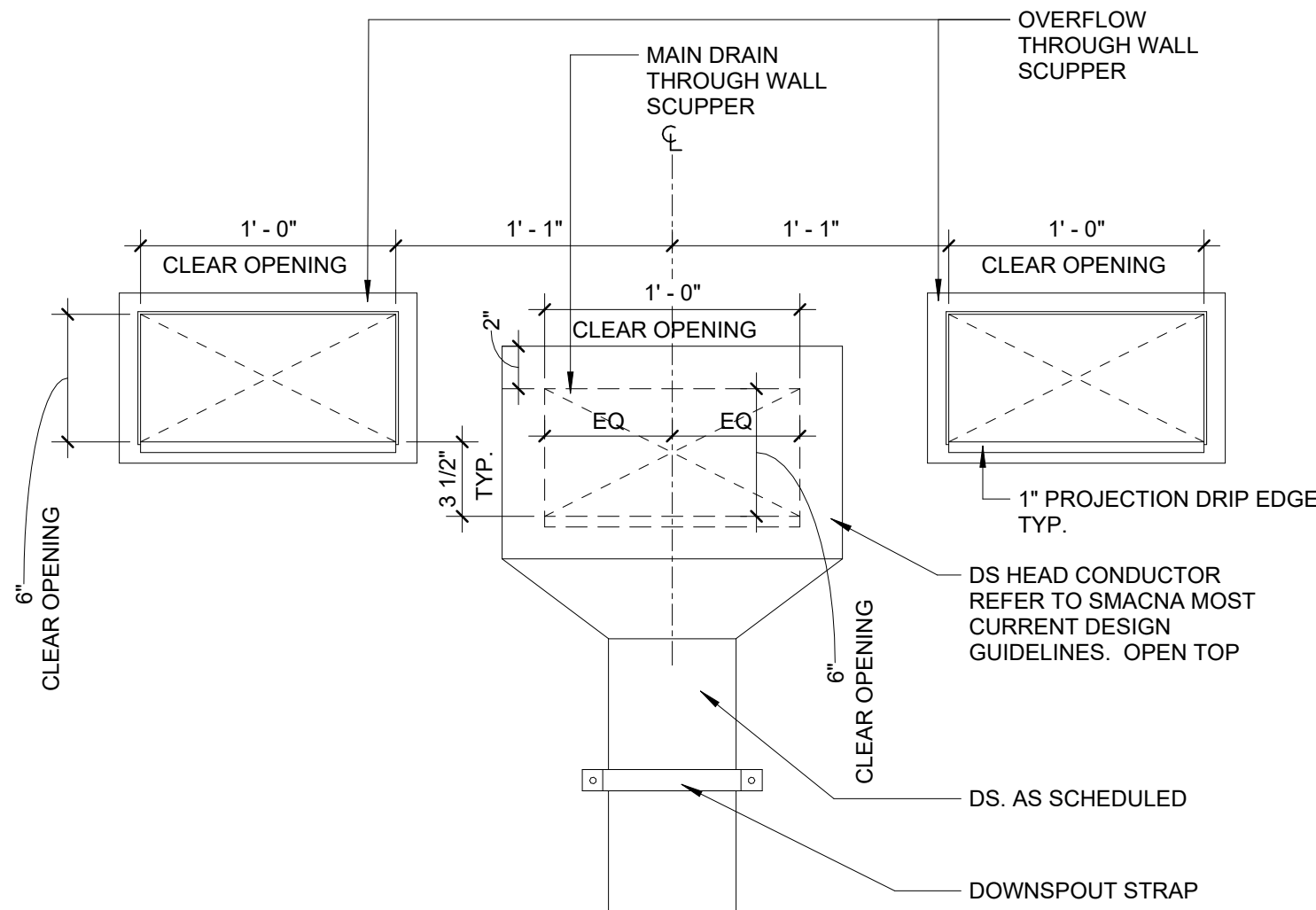
ISSUE NUMBER
D-A501



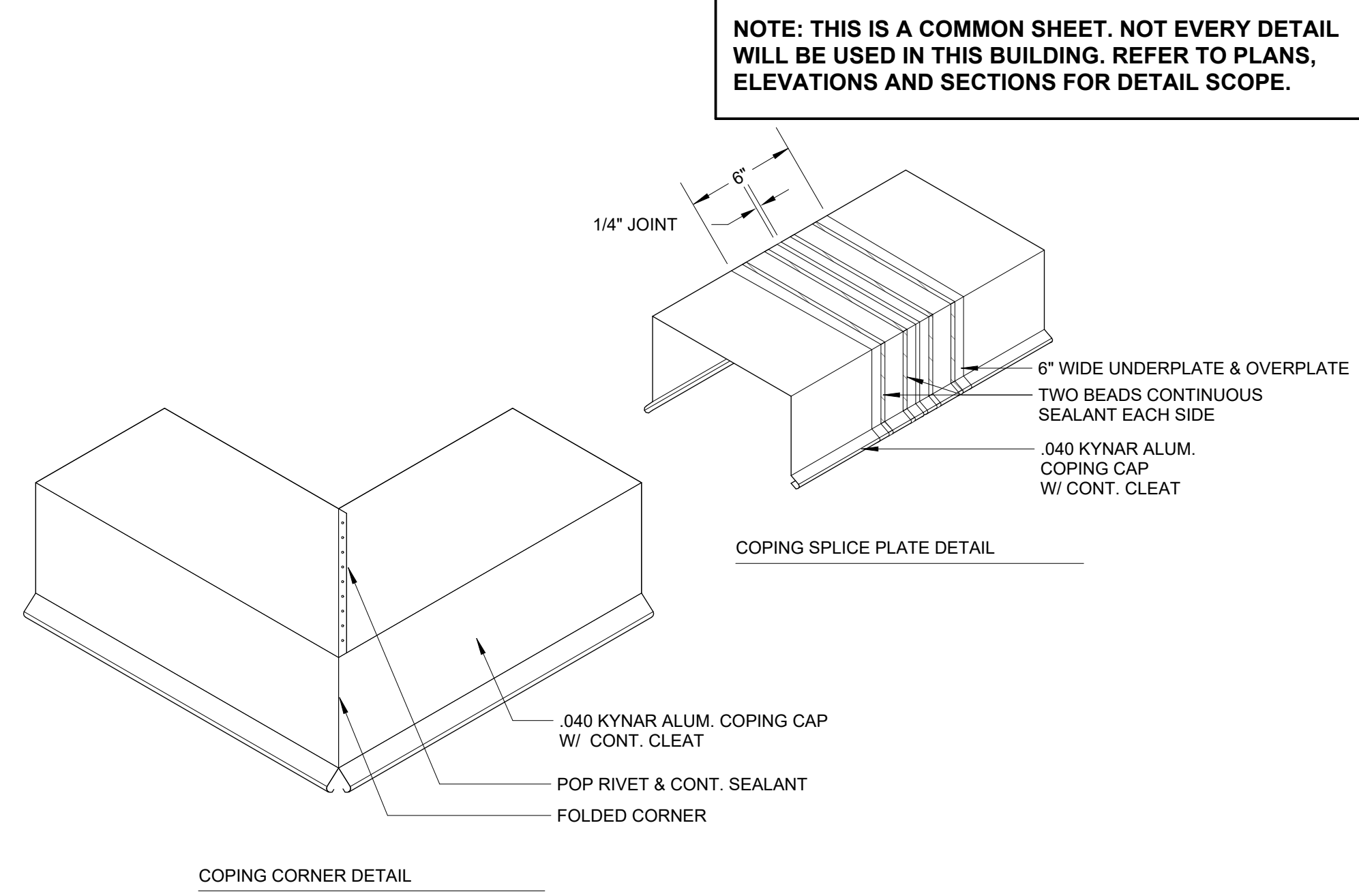
1E TYP. PENETRATION THROUGH ROOF
D-A512 12" = 1'-0"



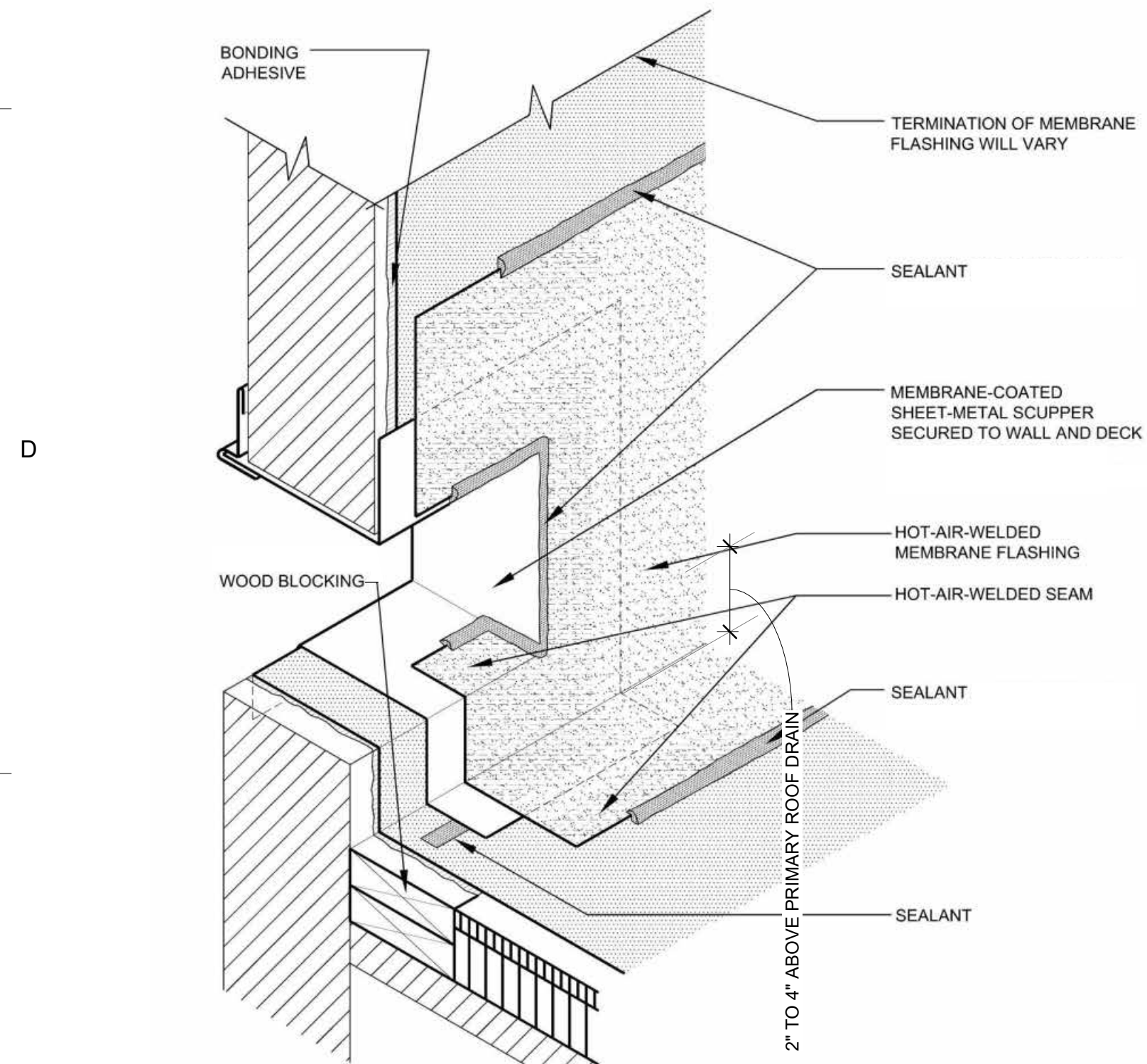
2E TYP SCUPPER THROUGH WALL DETAIL
D-A512 3" = 1'-0"



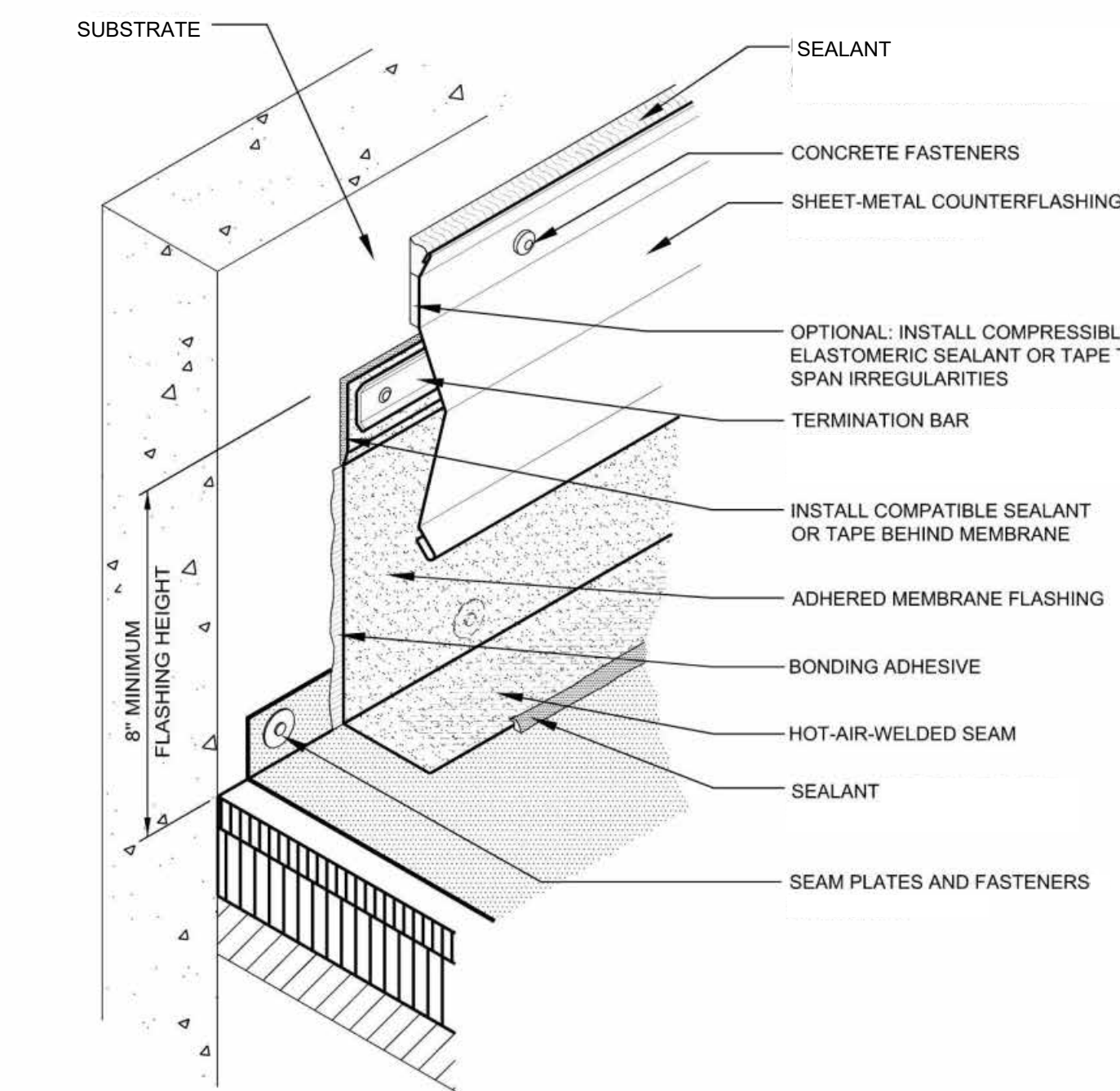
4E SCUPPER AND CONDUCTOR HEAD ELEVATION
D-A512 1 1/2" = 1'-0"



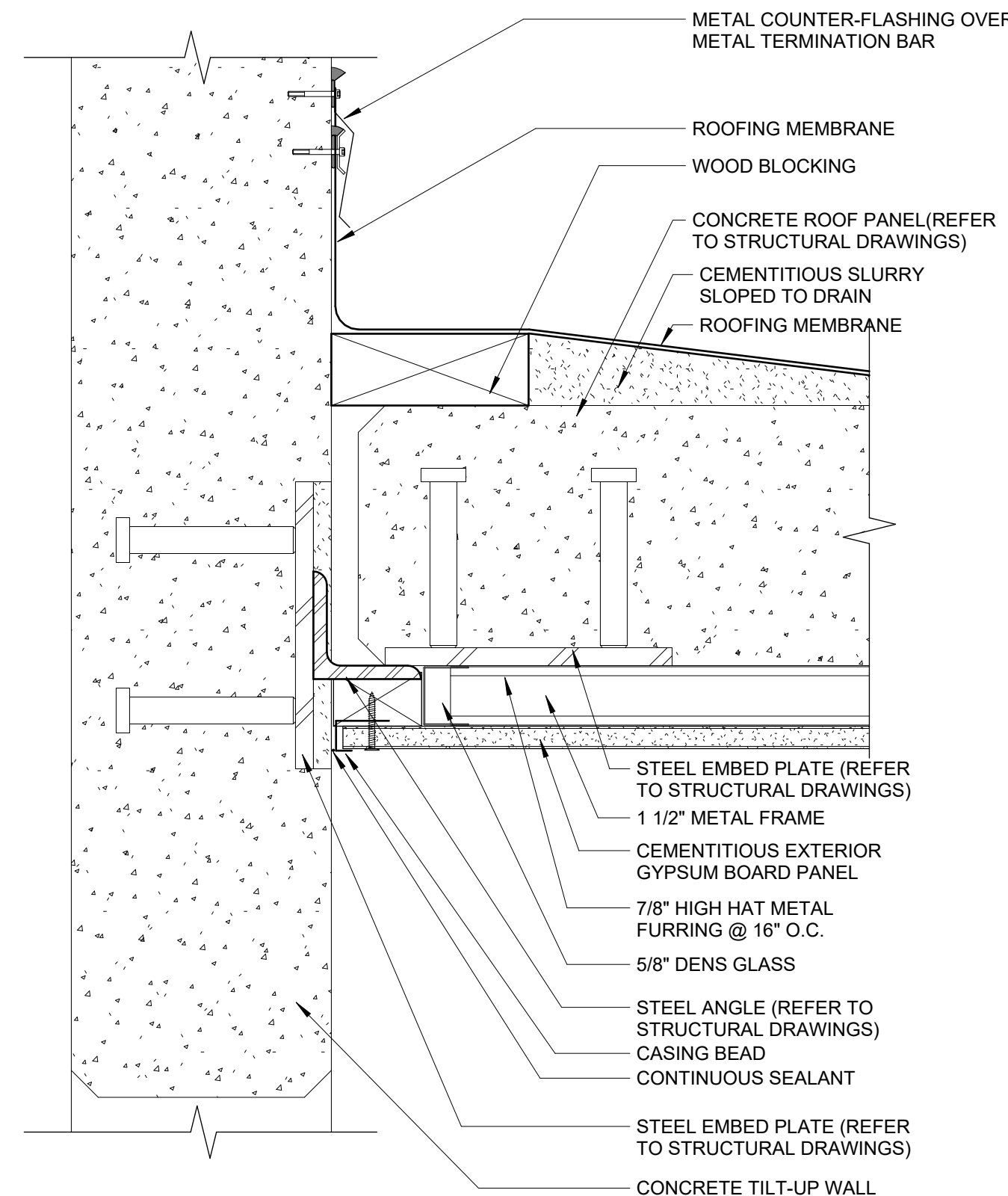
6E ROOF DETAIL - TYP. COPING CAP
D-A512 3" = 1'-0"



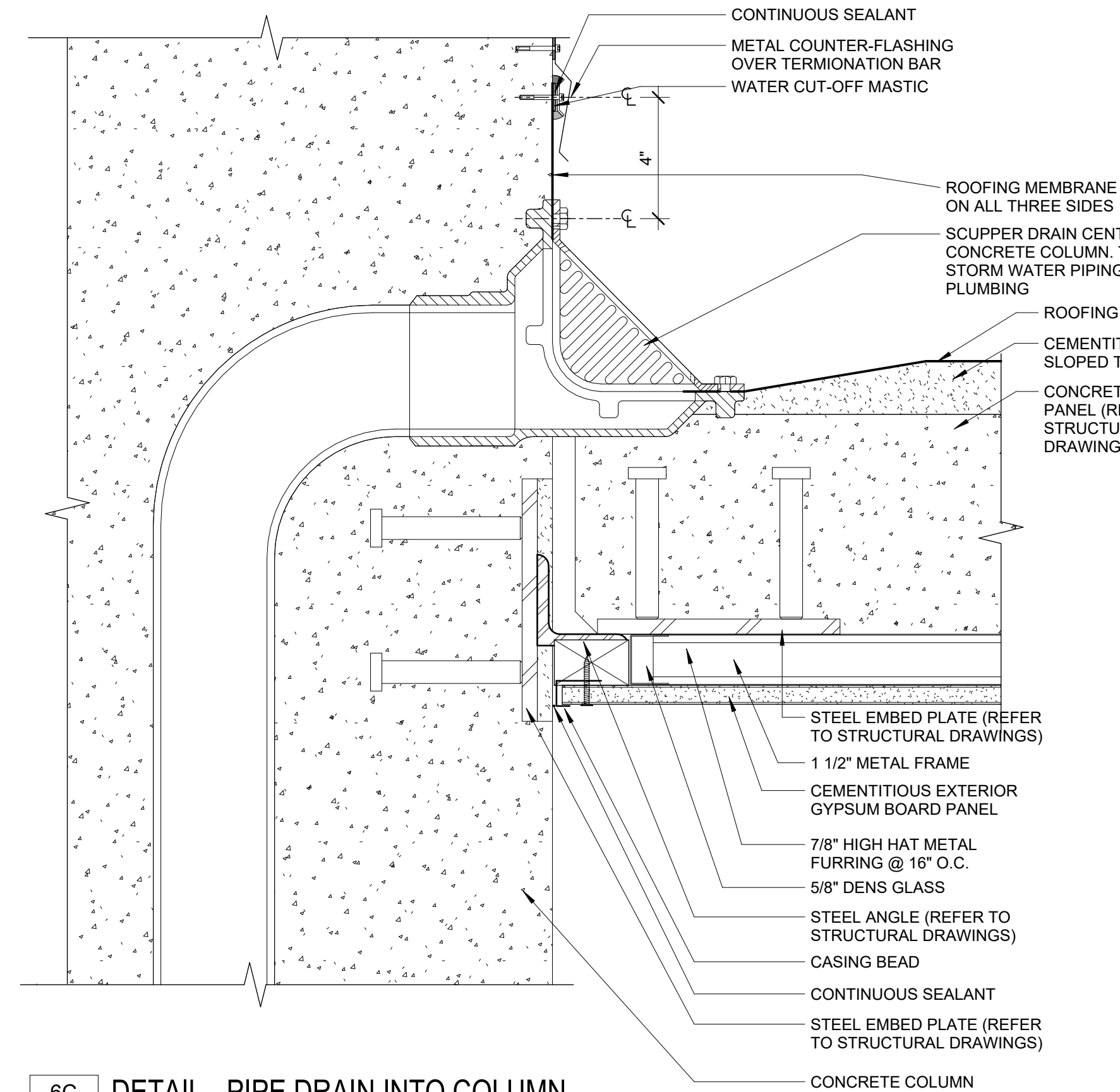
1C BASE FLASHING AT OVERFLOW SCUPPER
D-A512 1" = 1'-0"



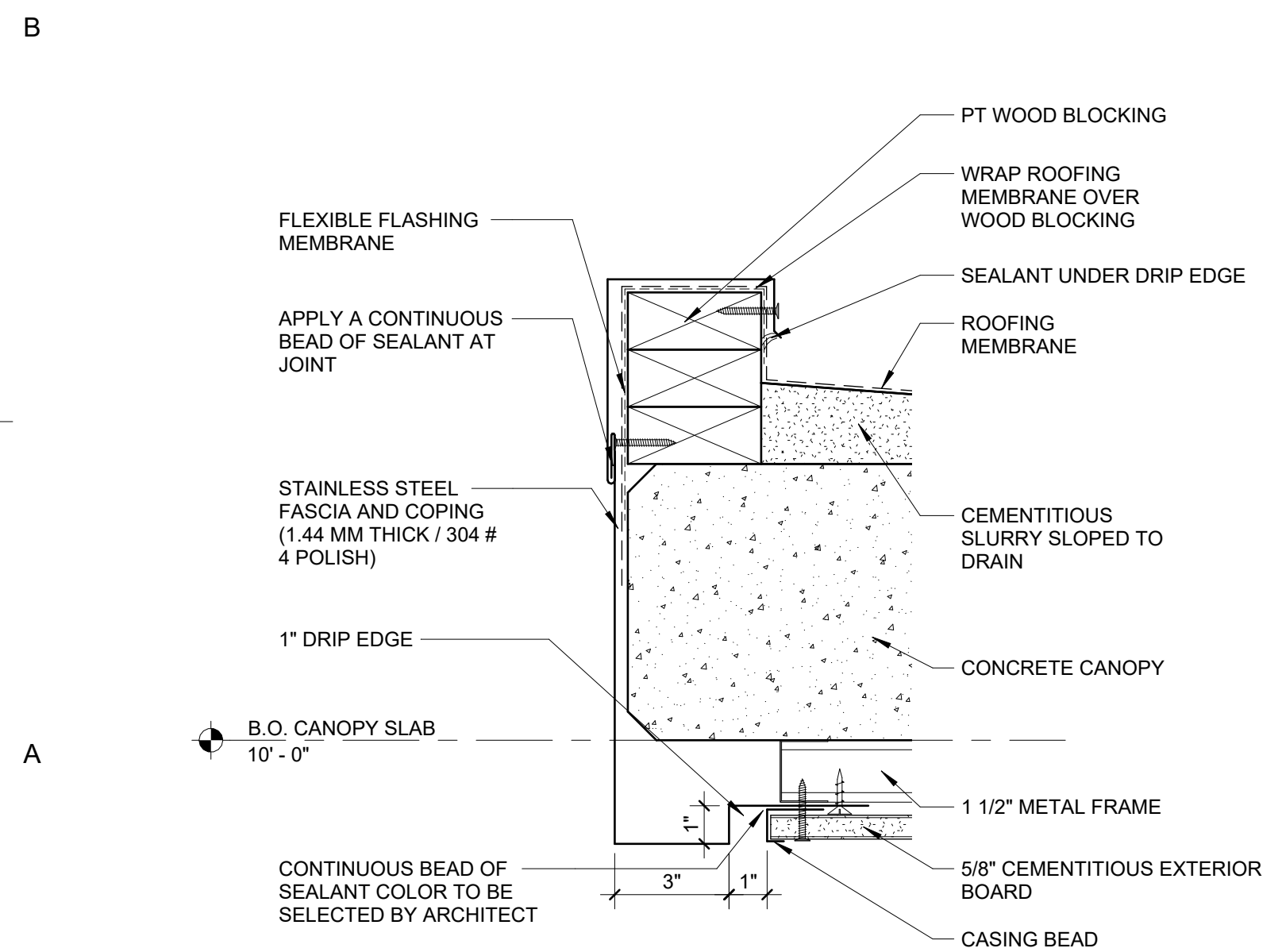
2C TERMINATION BAR DETAIL
D-A512 1" = 1'-0"



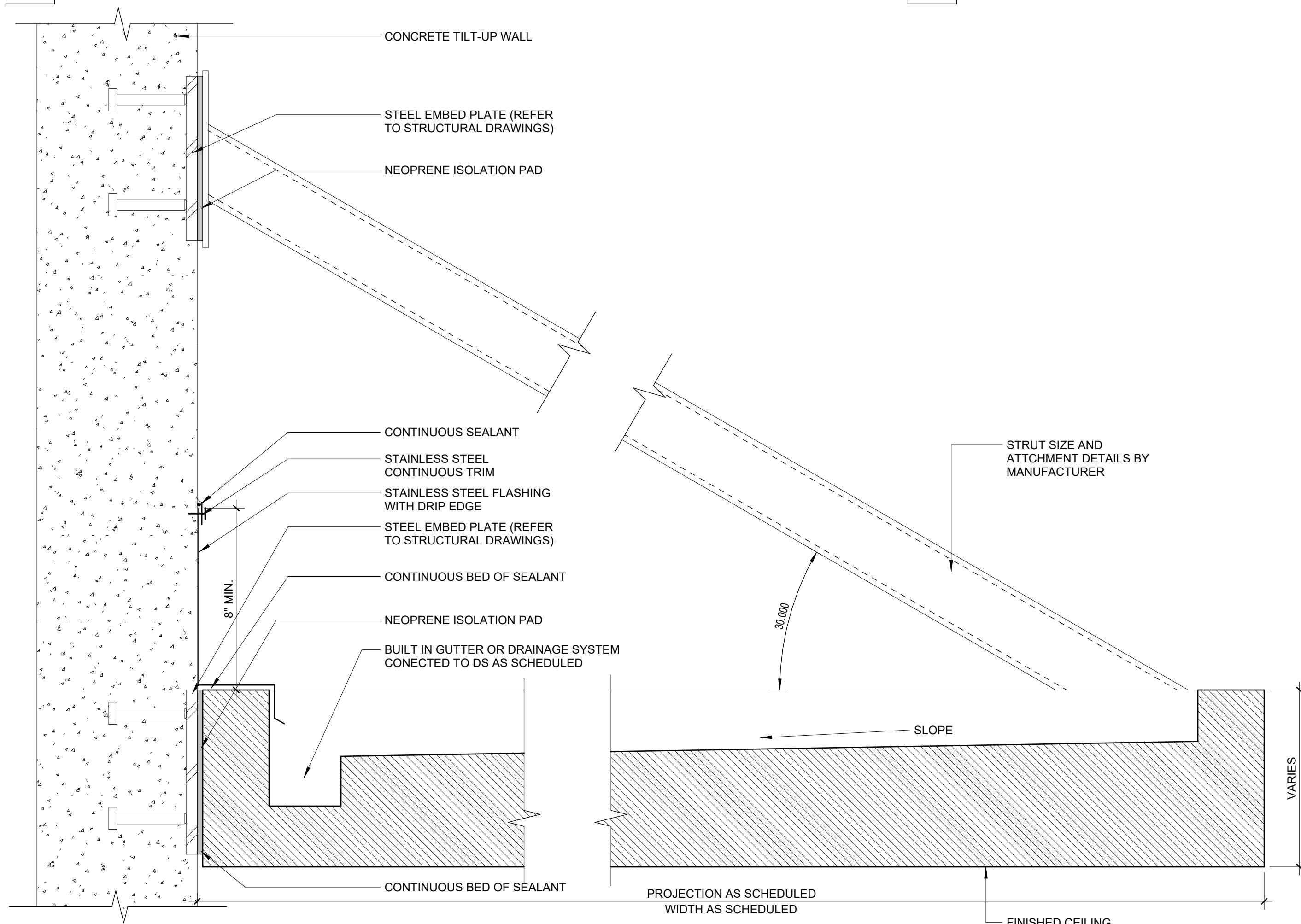
4C DETAIL - CONCRETE TILT WALL CANOPY
D-A512 3" = 1'-0"



6C DETAIL - PIPE DRAIN INTO COLUMN
D-A512 3" = 1'-0"



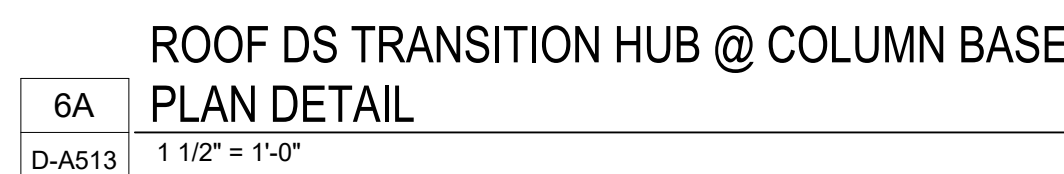
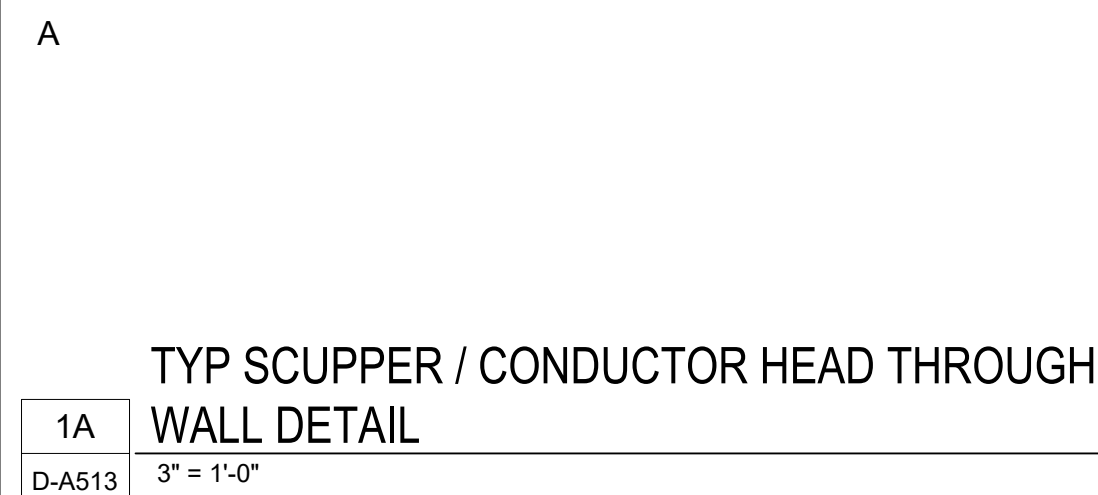
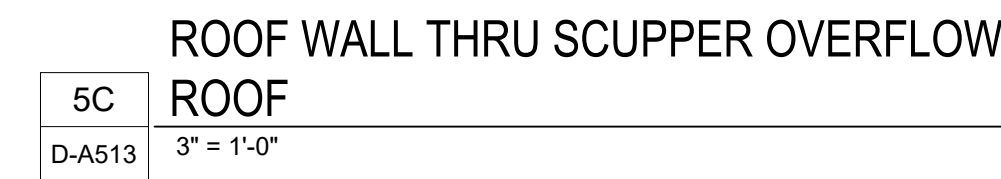
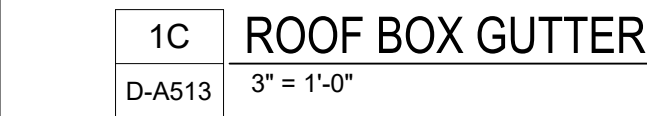
1A DETAIL - CONCRETE CANOPY FASCIA
D-A512 3" = 1'-0"



2A DETAIL - ALUMINUM CANOPY TYP DETAIL
D-A512 3" = 1'-0"

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F

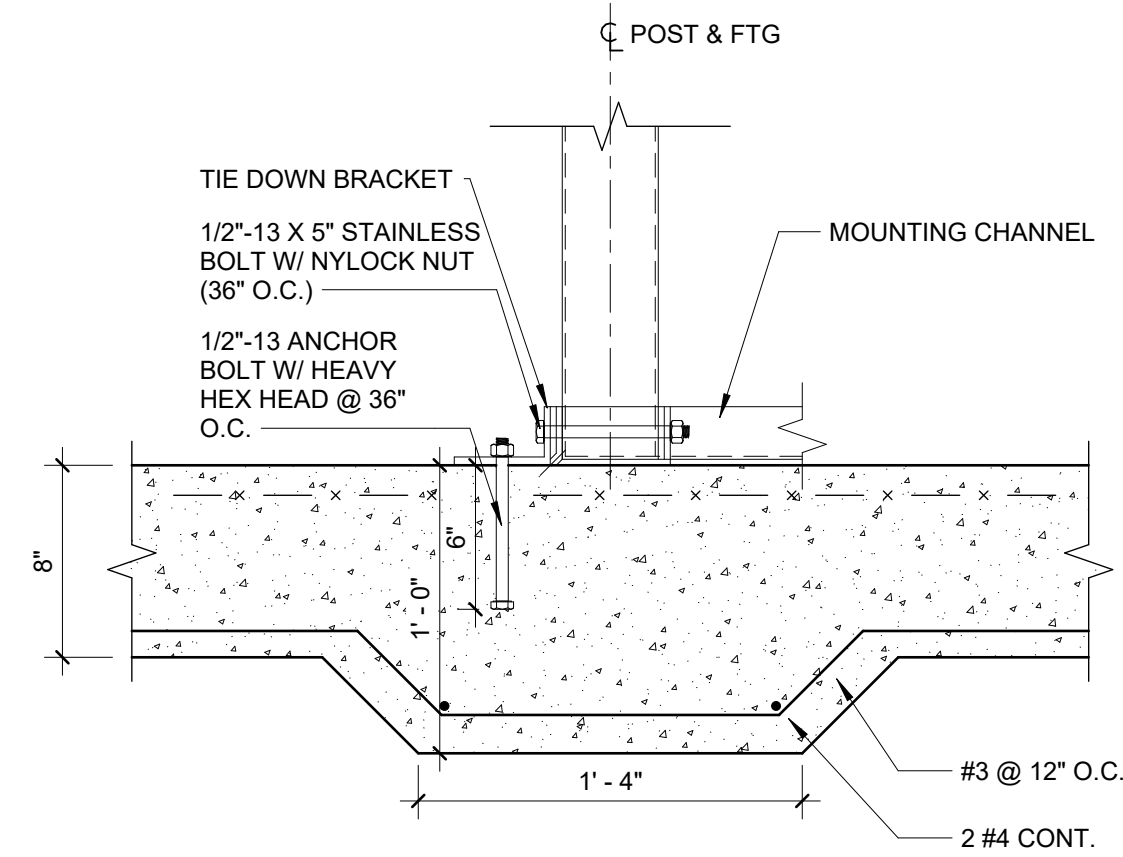
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D

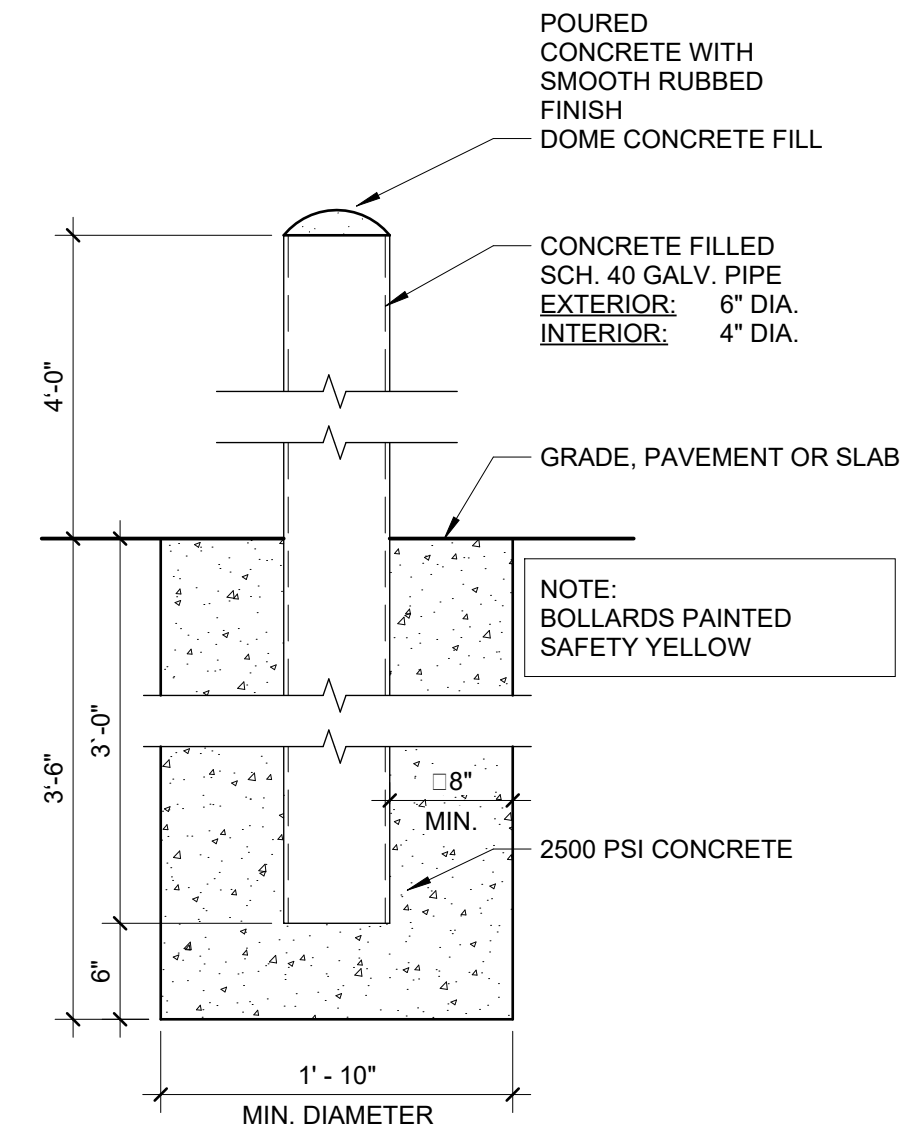
C

B

A



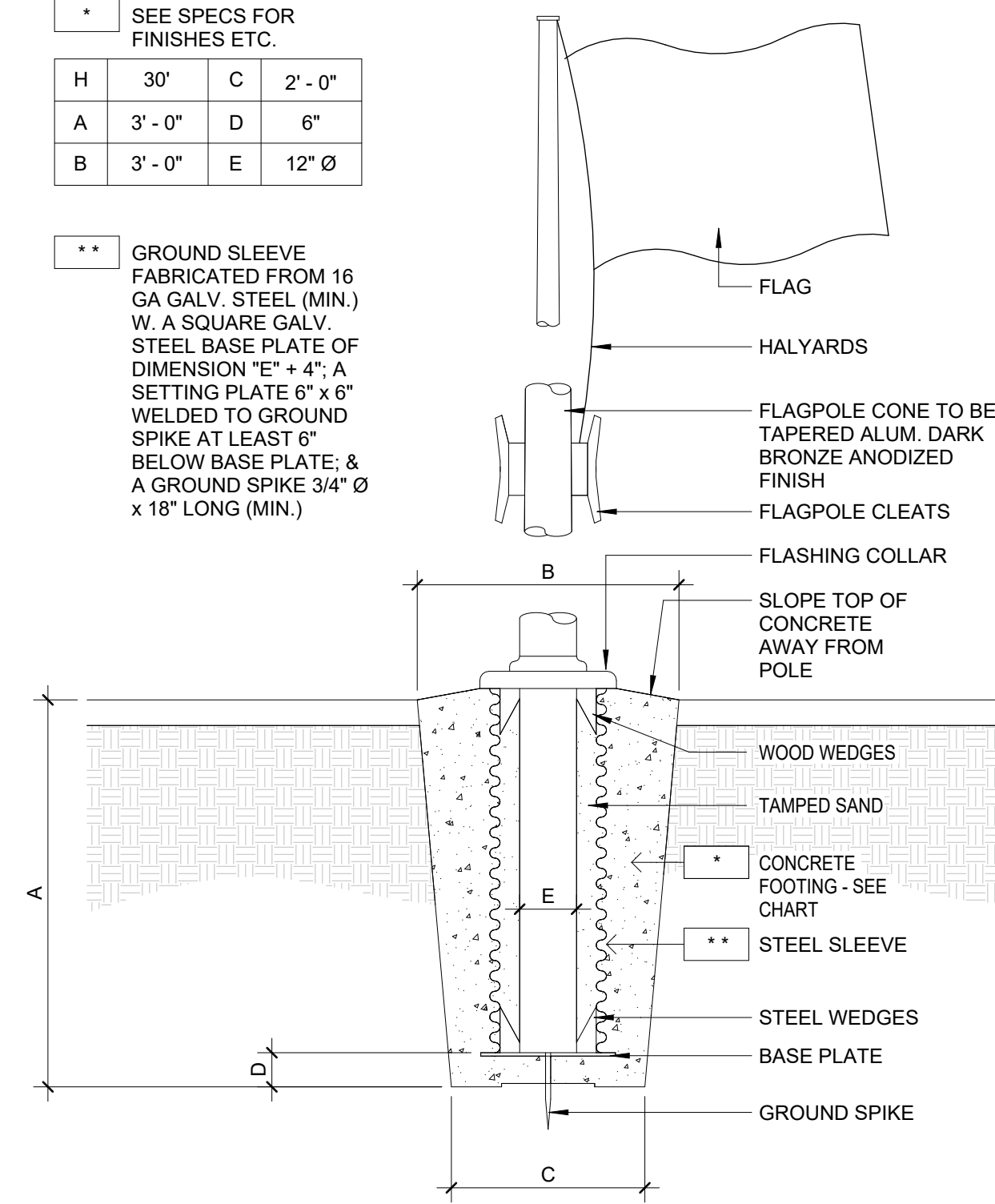
9	GENERATOR ATTACHMENT DETAIL
D-A521	1 1/2" = 1'-0"



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

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

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



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

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

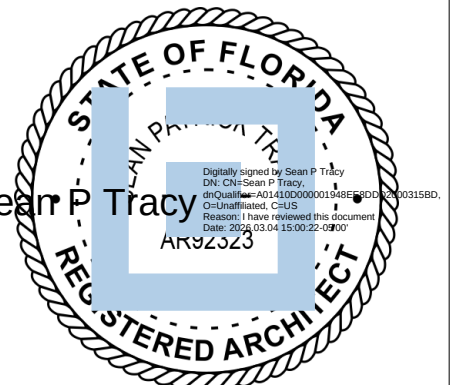
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CONSTRUCTION
DOCUMENTS

02/25/2026

DISPOSITIONS		
D.O.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
KEAN TRACY
PROJECT MANAGER
BENJAMIN BOYLES
SIGN TEAM
WRL-COMMUNITY
PROJECT NAME

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

355 NW COUNTY ROAD 25A,
LAKE CITY, FL

14C632800

SITE DETAILS

ET NUMBER

D-A521

1

2

3

4

5

6

7

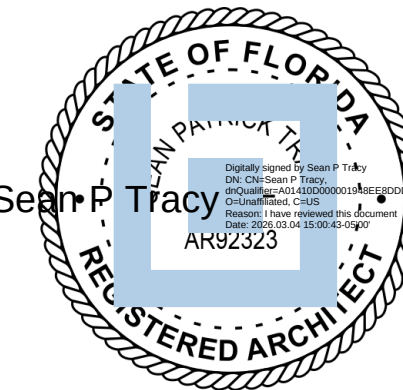
NOTE: THIS IS A COMMON SHEET. NOT EVERY DETAIL WILL BE USED IN THIS BUILDING. REFER TO PLANS, ELEVATIONS AND SECTIONS FOR DETAIL SCOPE.

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.



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CONSTRUCTION
DOCUMENTS

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

COLUMBIA STORM
PROCESSING & SERVICE
CENTER - BUILDING D -
TRUCK WASH

1855 NW COUNTY ROAD 25A,
LAKE CITY, FL

814C632800

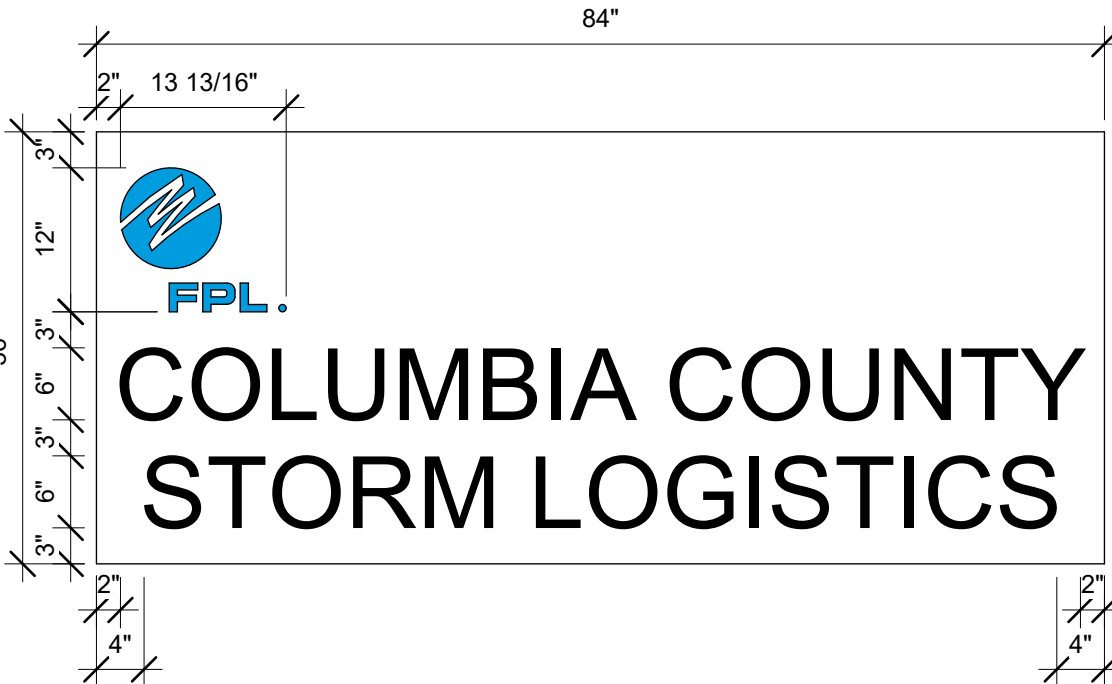
SHEET TITLE
SIGNAGE DETAILS

SHEET NUMBER

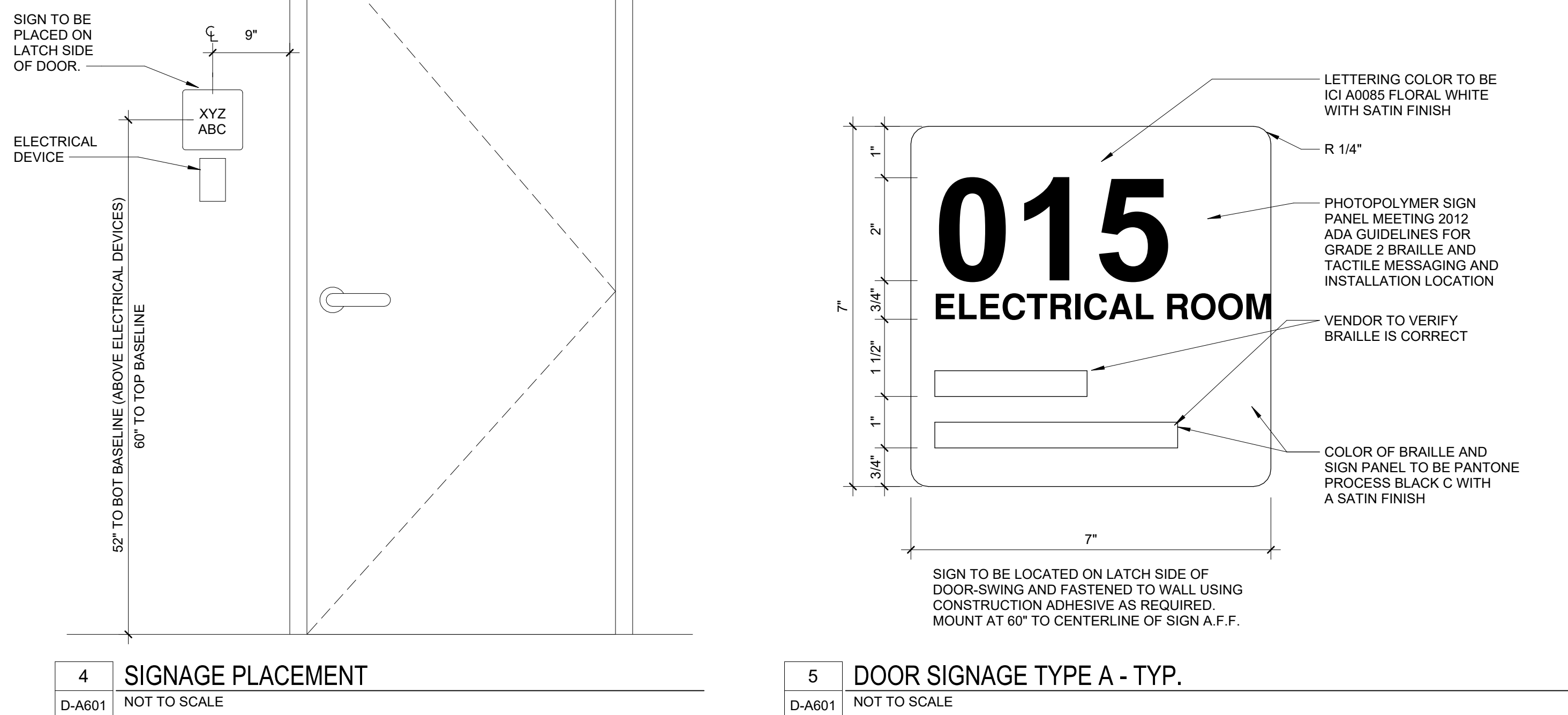
D-A601

FLUSH MOUNTED

1 ADDRESS NUMBERS MOUNTING DETAIL
D-A601 NOT TO SCALE

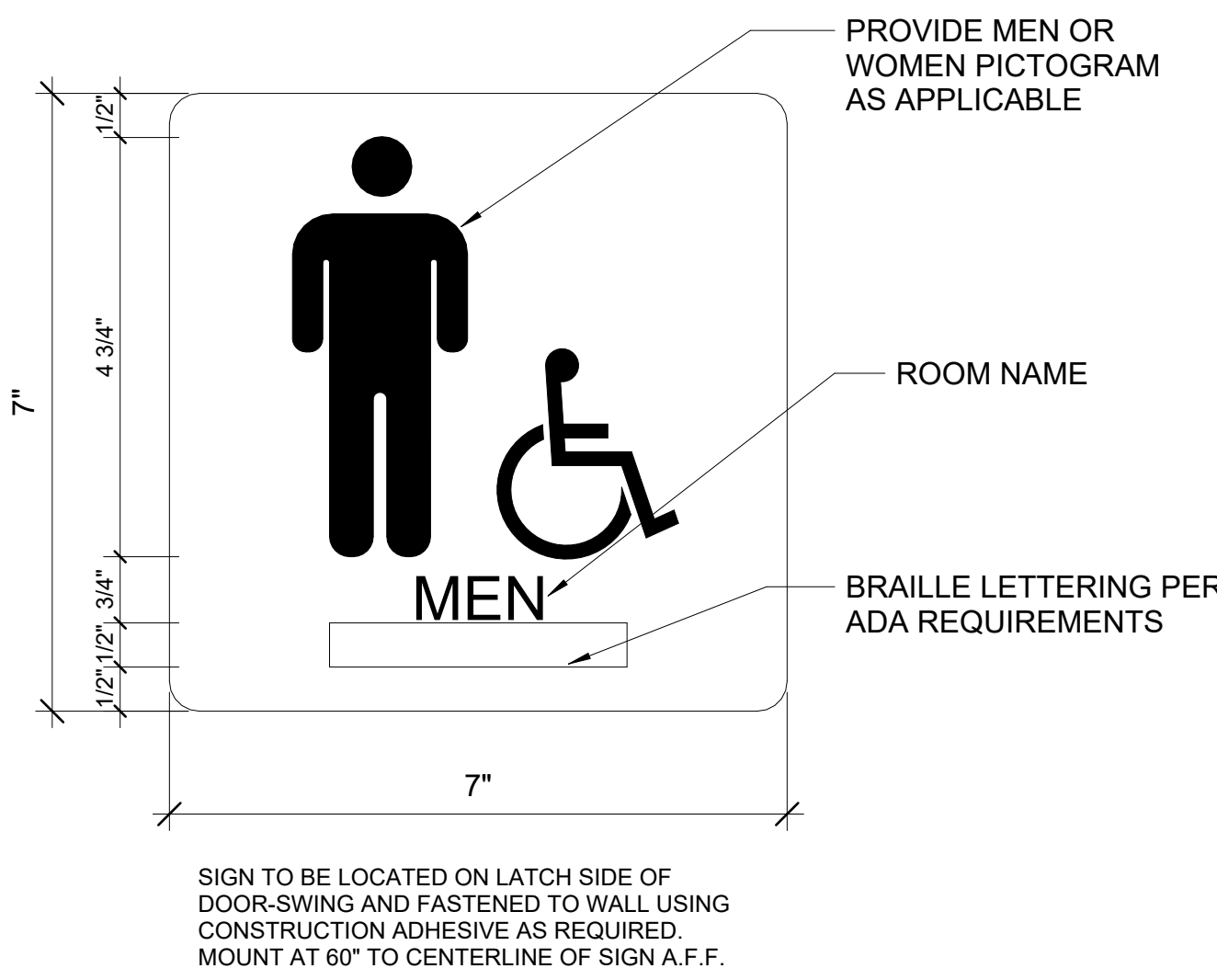


3 BUILDING SIGNAGE TYPE 2X - BUILDING DESIGNATION
D-A601 3/4" = 1'-0"

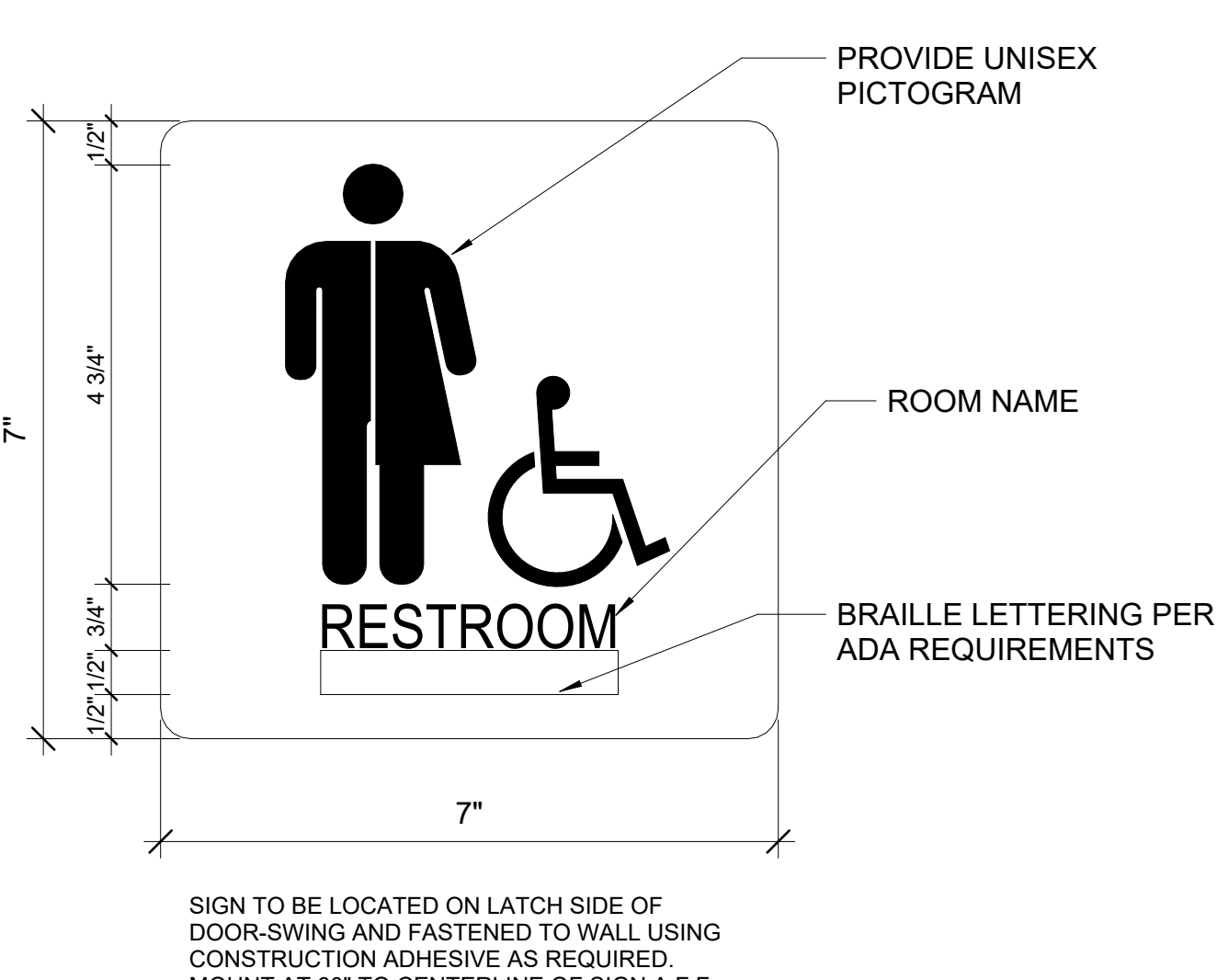


4 SIGNAGE PLACEMENT
D-A601 NOT TO SCALE

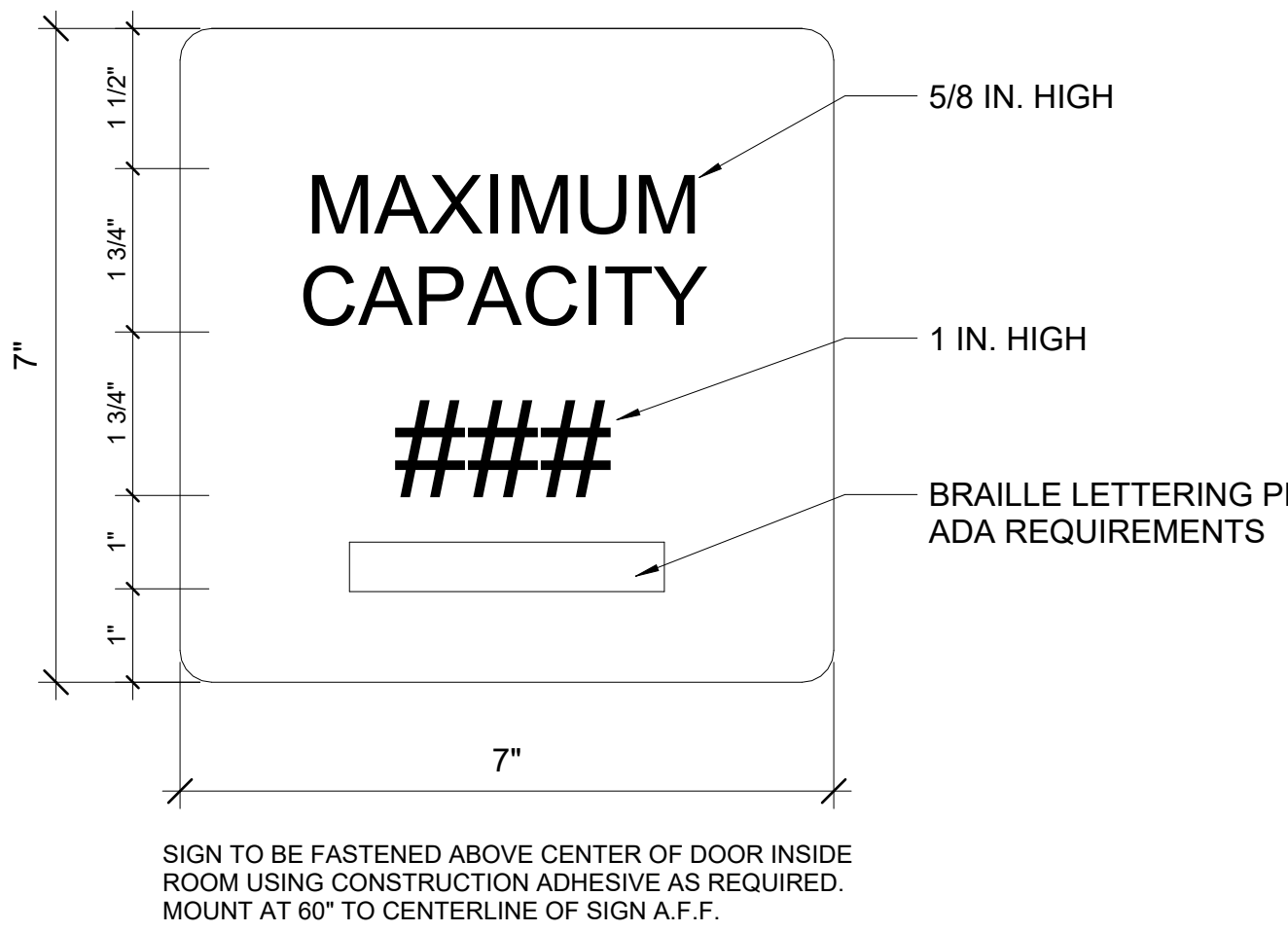
5 DOOR SIGNAGE TYPE A - TYP.
D-A601 NOT TO SCALE



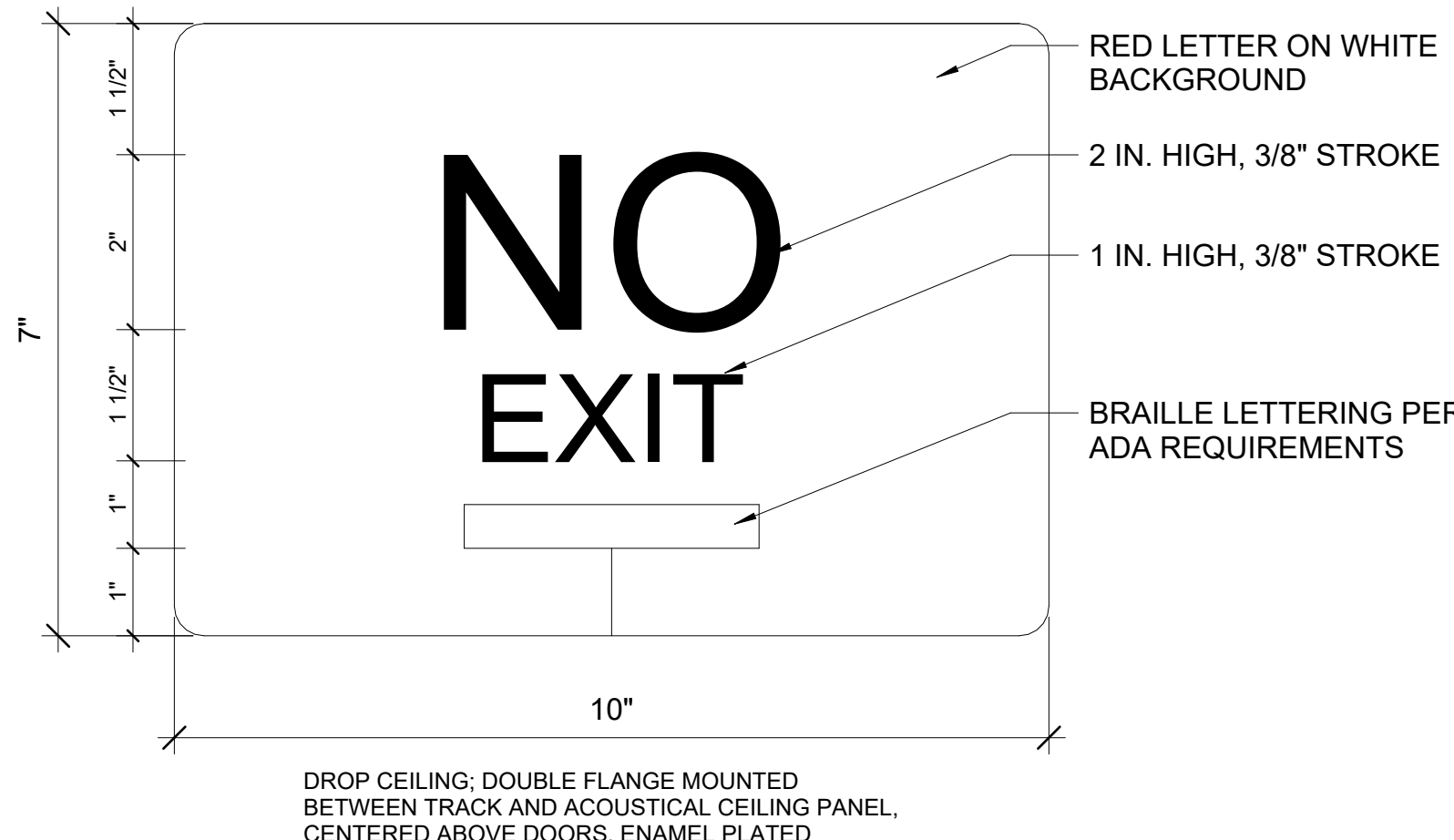
6 DOOR SIGNAGE TYPE B - RESTROOM DOOR
D-A601 NOT TO SCALE



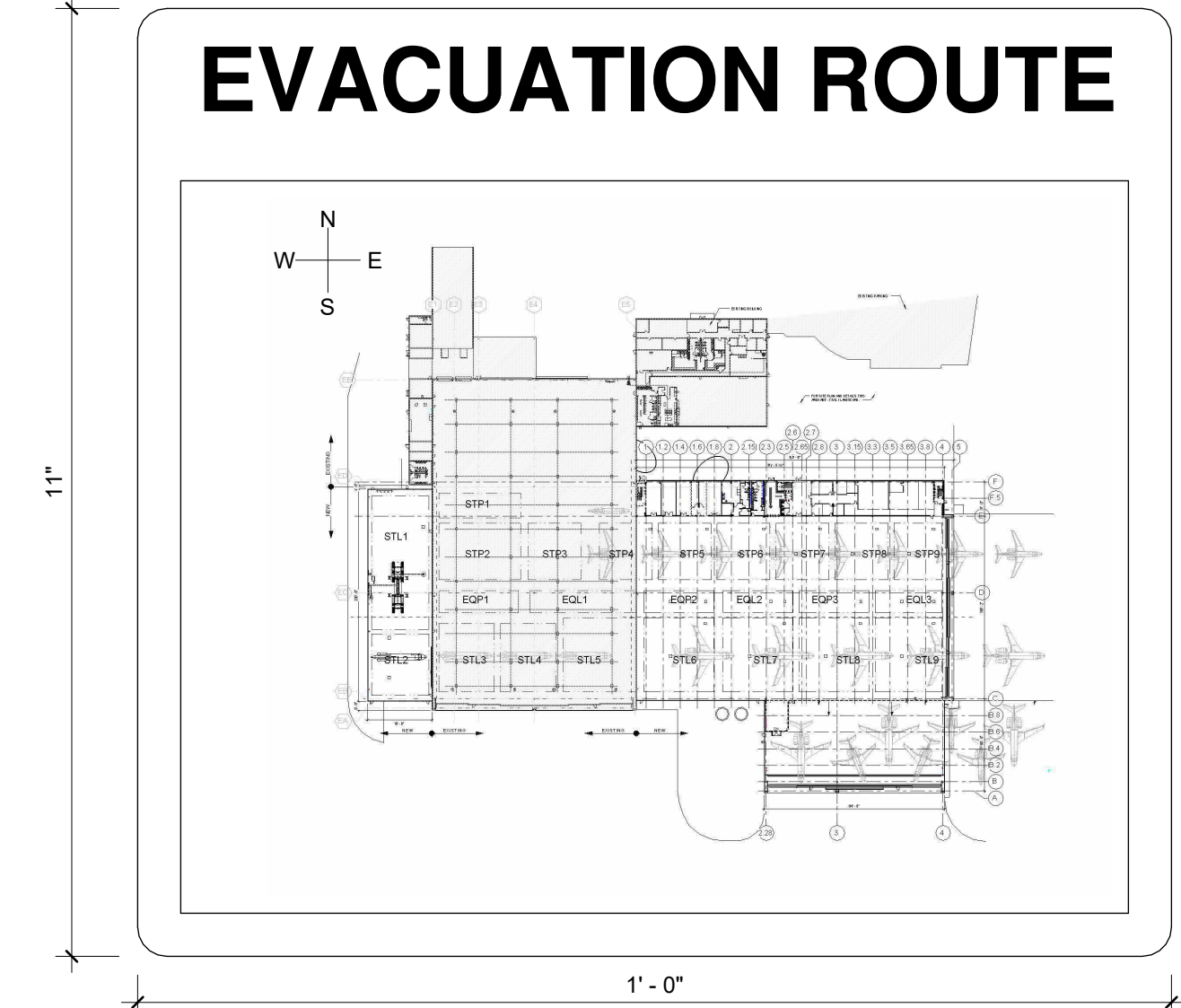
7 DOOR SIGNAGE TYPE C - RESTROOM DOOR
D-A601 NOT TO SCALE



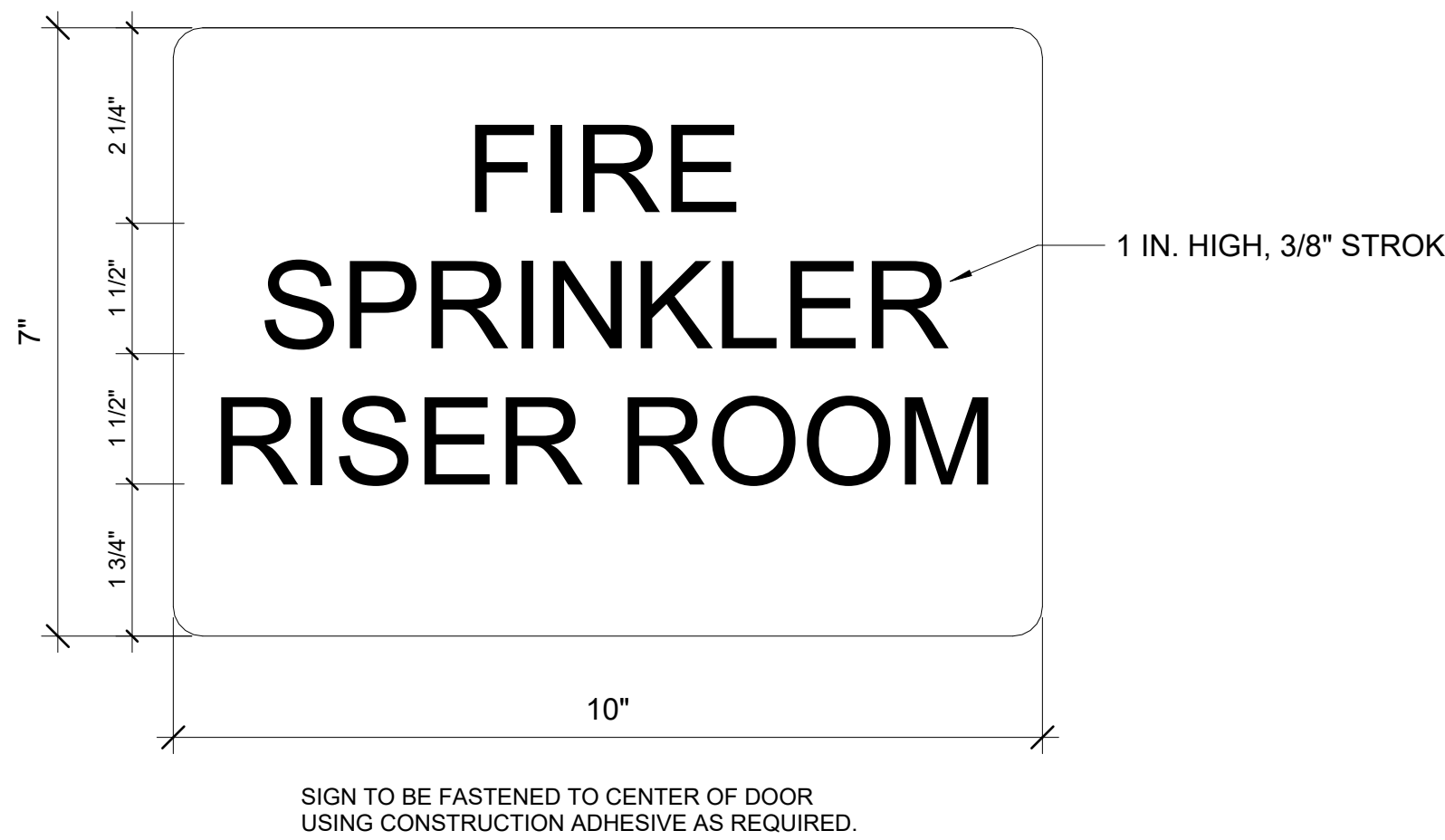
8 DOOR SIGNAGE TYPE D - MAX. OCCUPANCY
D-A601 NOT TO SCALE



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



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



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

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FPL

STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

ISSUE FOR

CONSTRUCTION DOCUMENTS

ISSUE DATE

02/25/2026

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NO.	REASON	DATE
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PROJECT TEAM

PRINCIPAL IN CHARGE

SEAN TRACY

PROJECT MANAGER

BENJAMIN BOYLES

DESIGN TEAM

ORL-COMMUNITY

PROJECT NAME

COLUMBIA STORM PROCESSING & SERVICE CENTER - BUILDING D - TRUCK WASH

1855 NW COUNTY ROAD 25A, LAKE CITY, FL

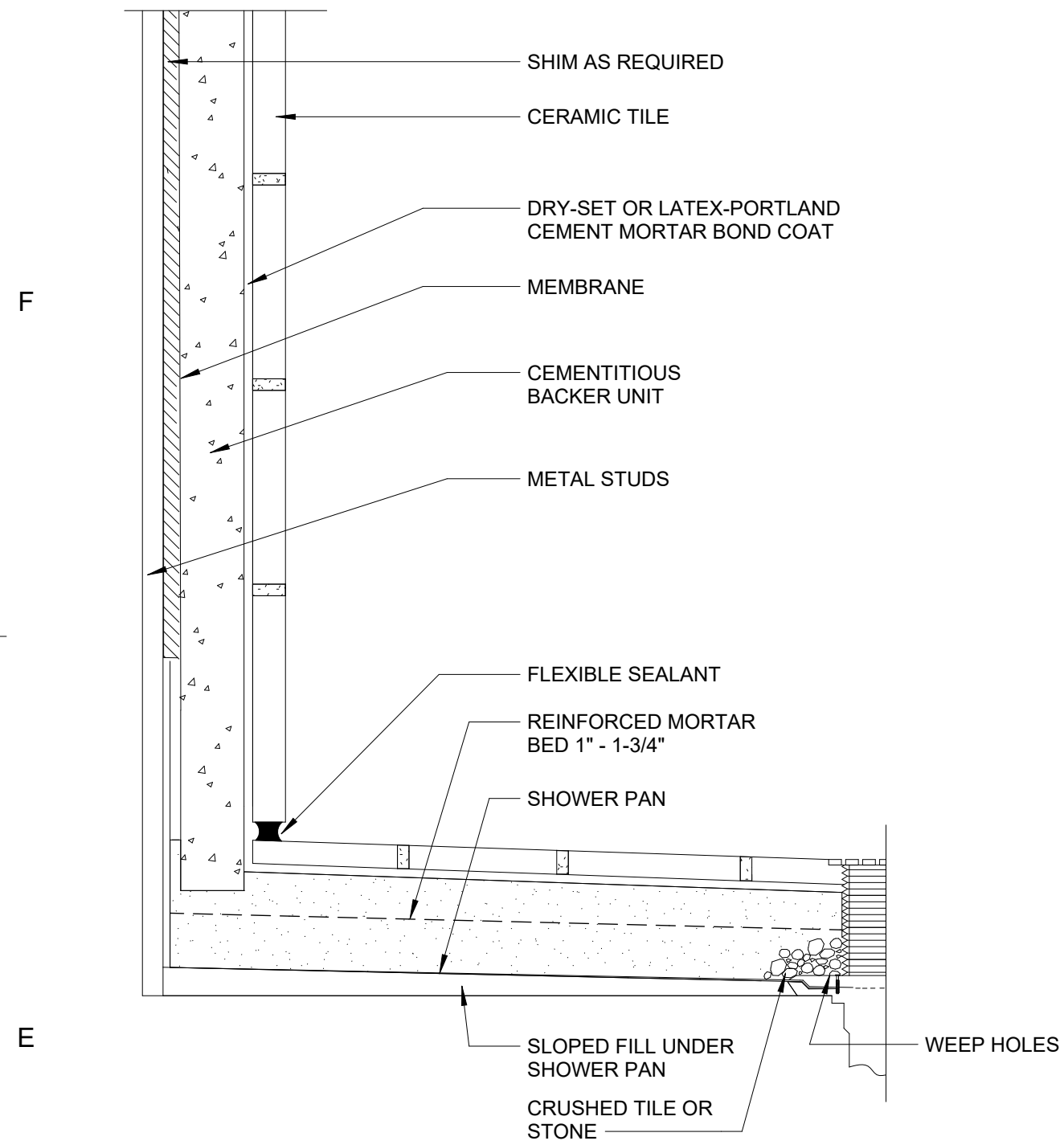
814C632800

SHEET TITLE

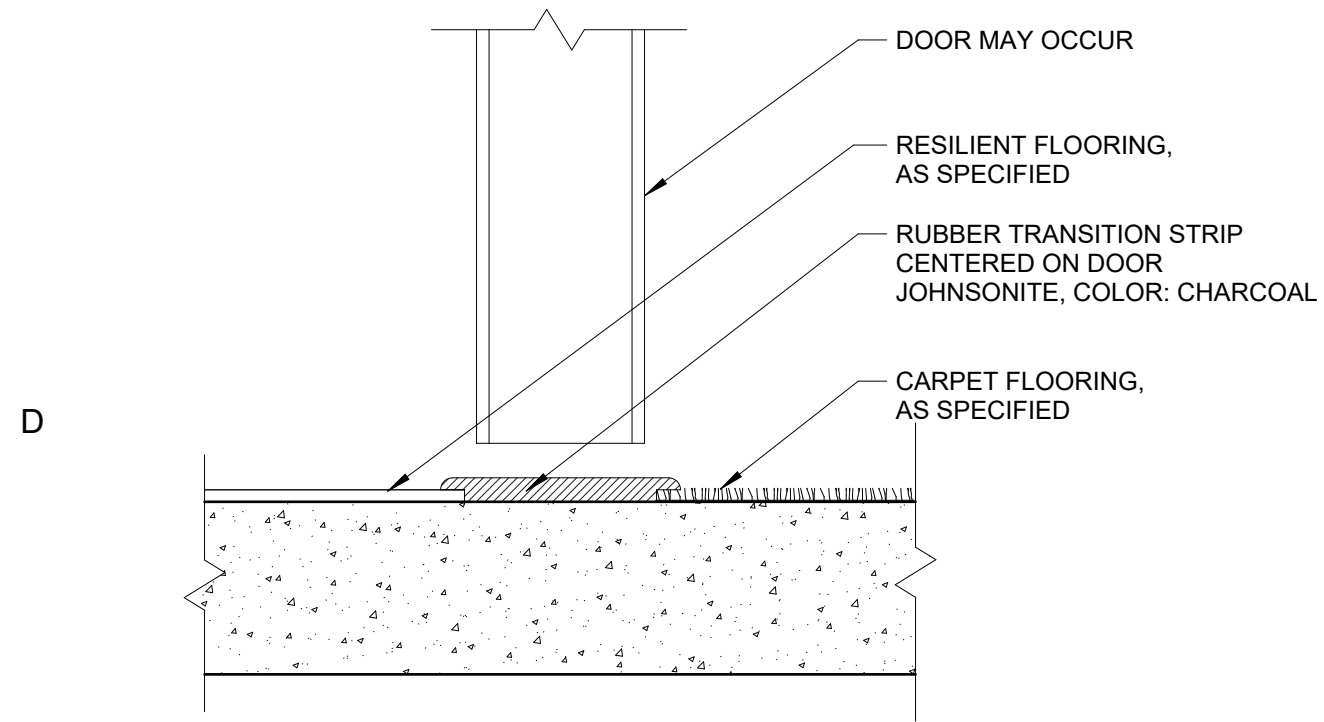
INTERIOR DETAILS

SHEET NUMBER

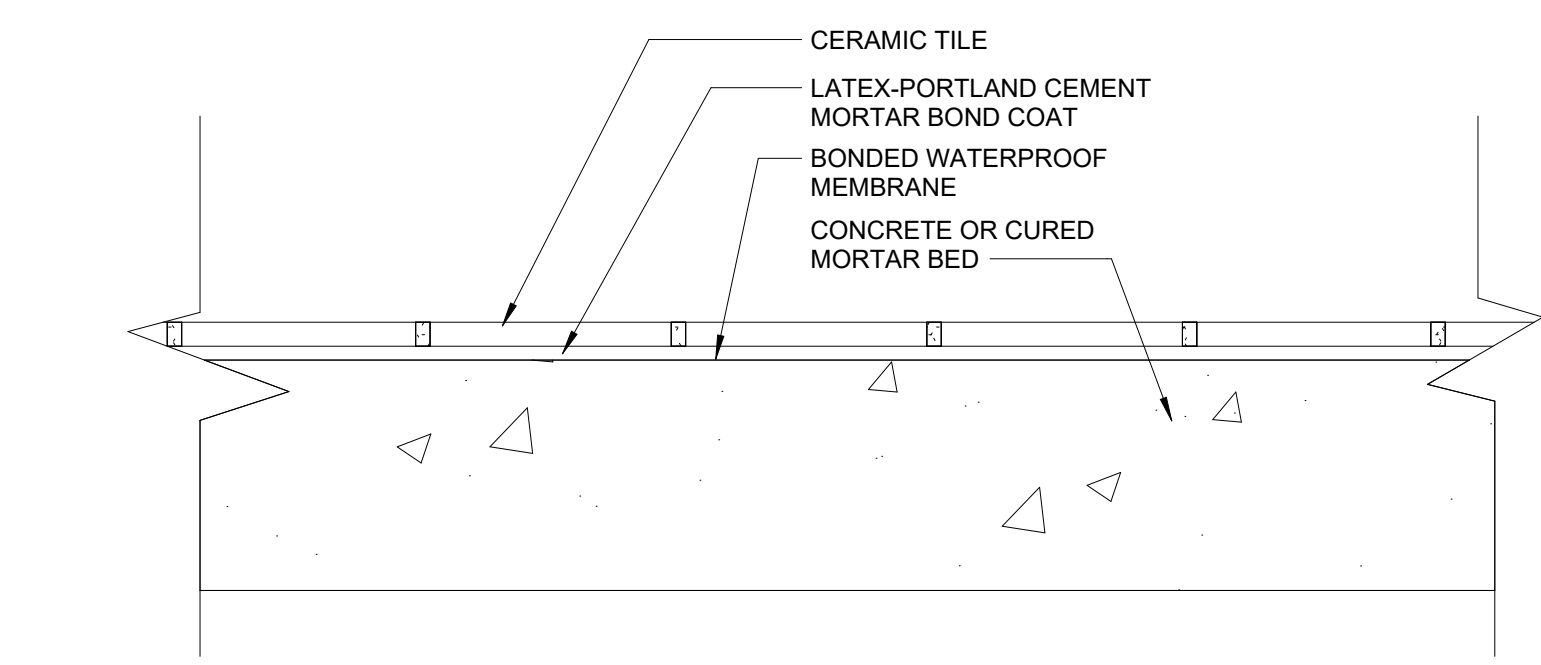
D-A701



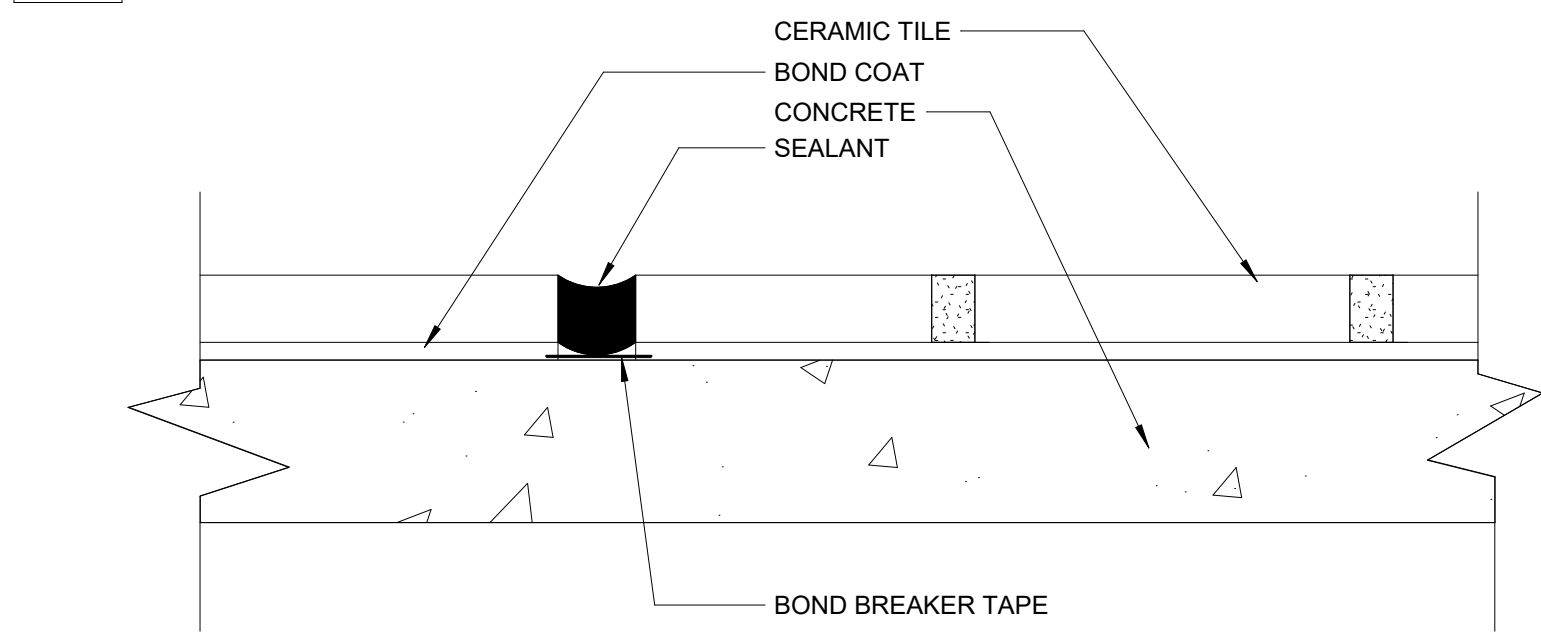
1 TYP. SHOWER DETAIL - SHOWER RECEPTORS- CEMENTITIOUS BACKER
D-A701 3/4" = 1'-0"



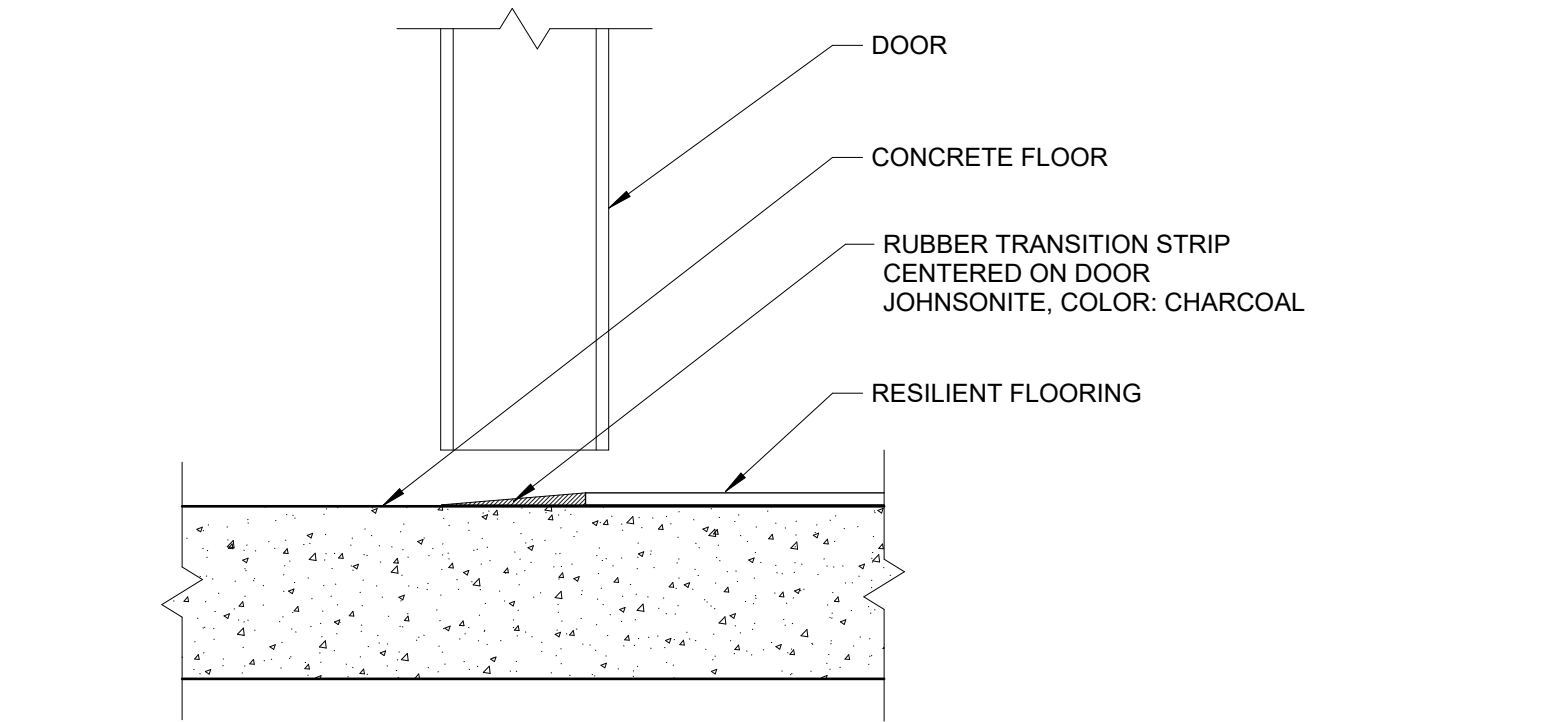
4 FLOORING TRANSITION - RESILIENT FLOORING TO CARPET
D-A701 6" = 1'-0"



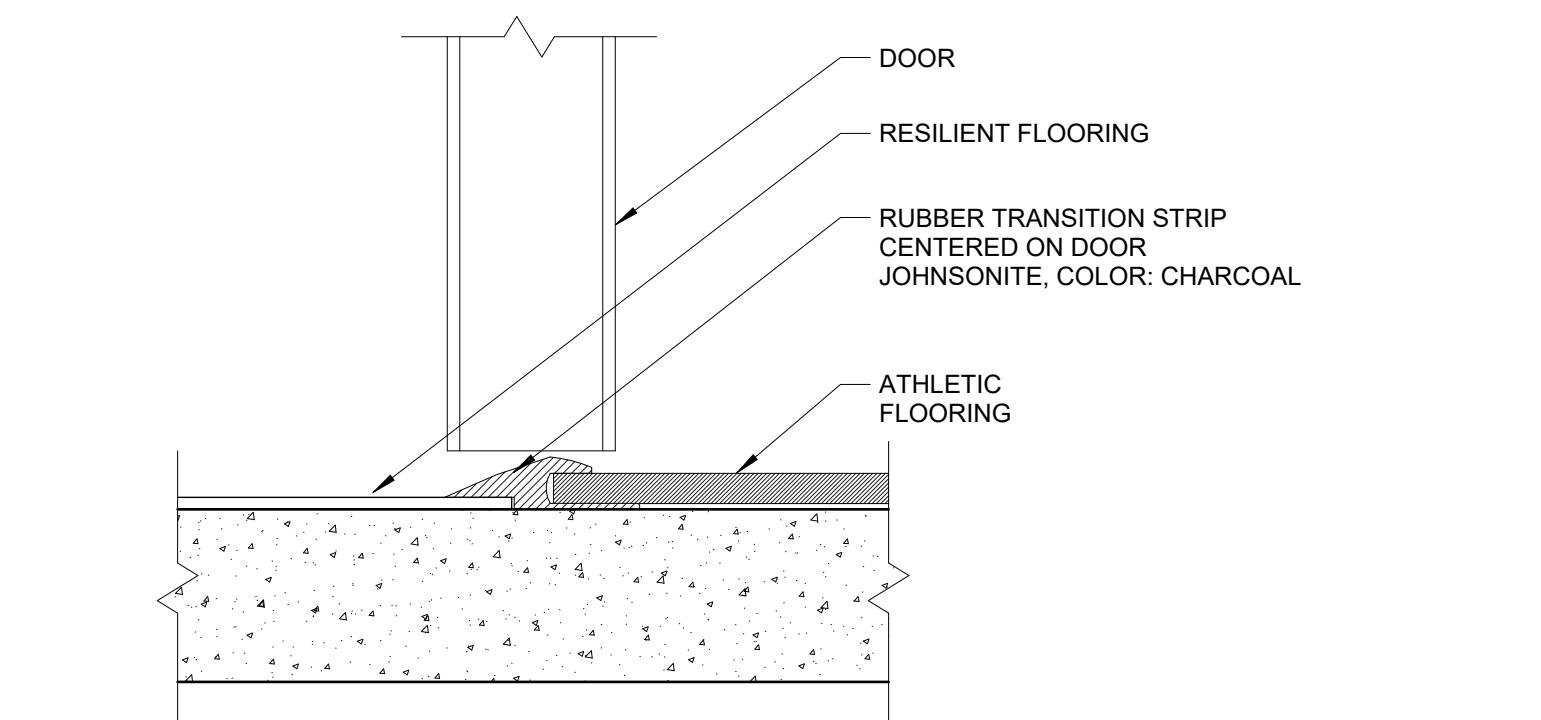
2 TYP. SHOWER FLOOR DETAIL Copy 1
D-A701 3/4" = 1'-0"



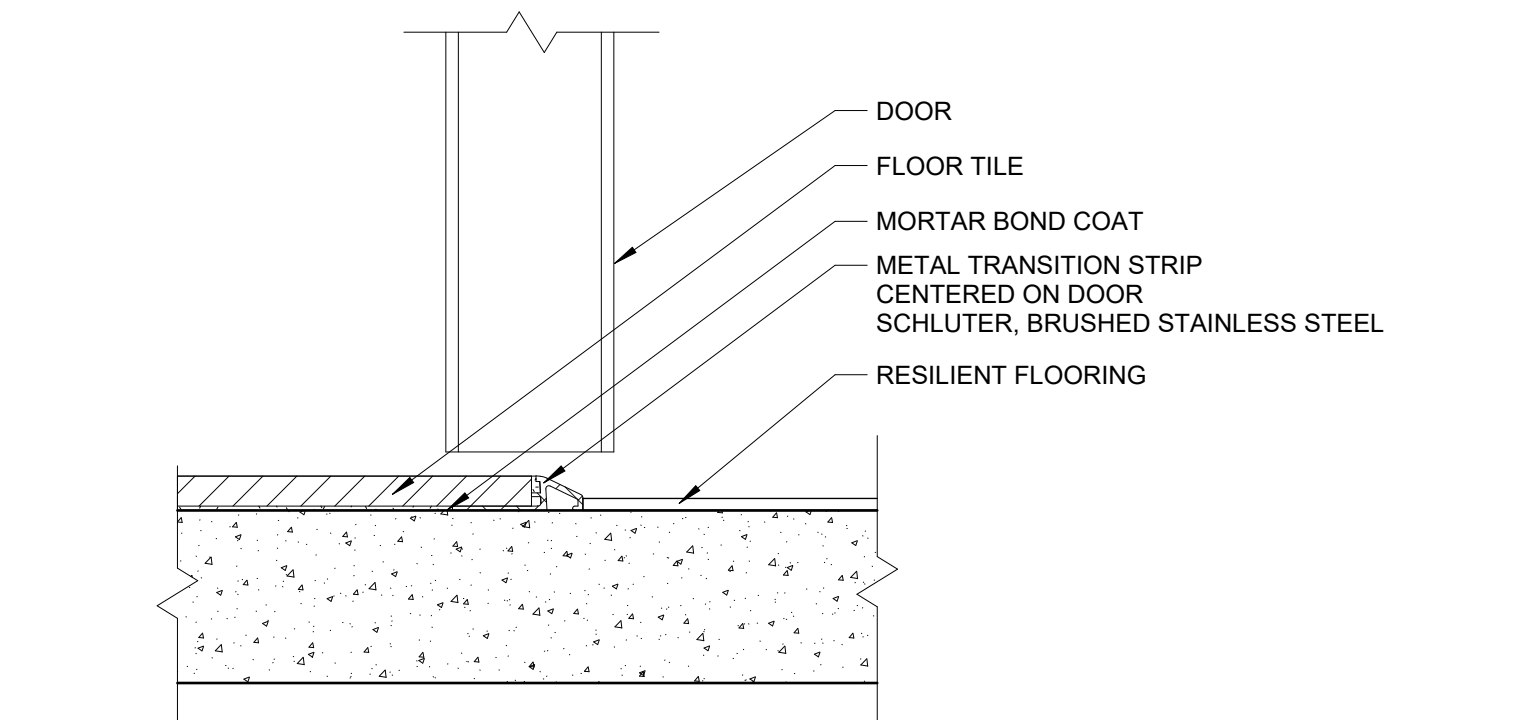
3 TYP. SHOWER DETAIL - VERTICAL & HORIZONTAL MOVEMENT JOINTS
D-A701 3/4" = 1'-0"



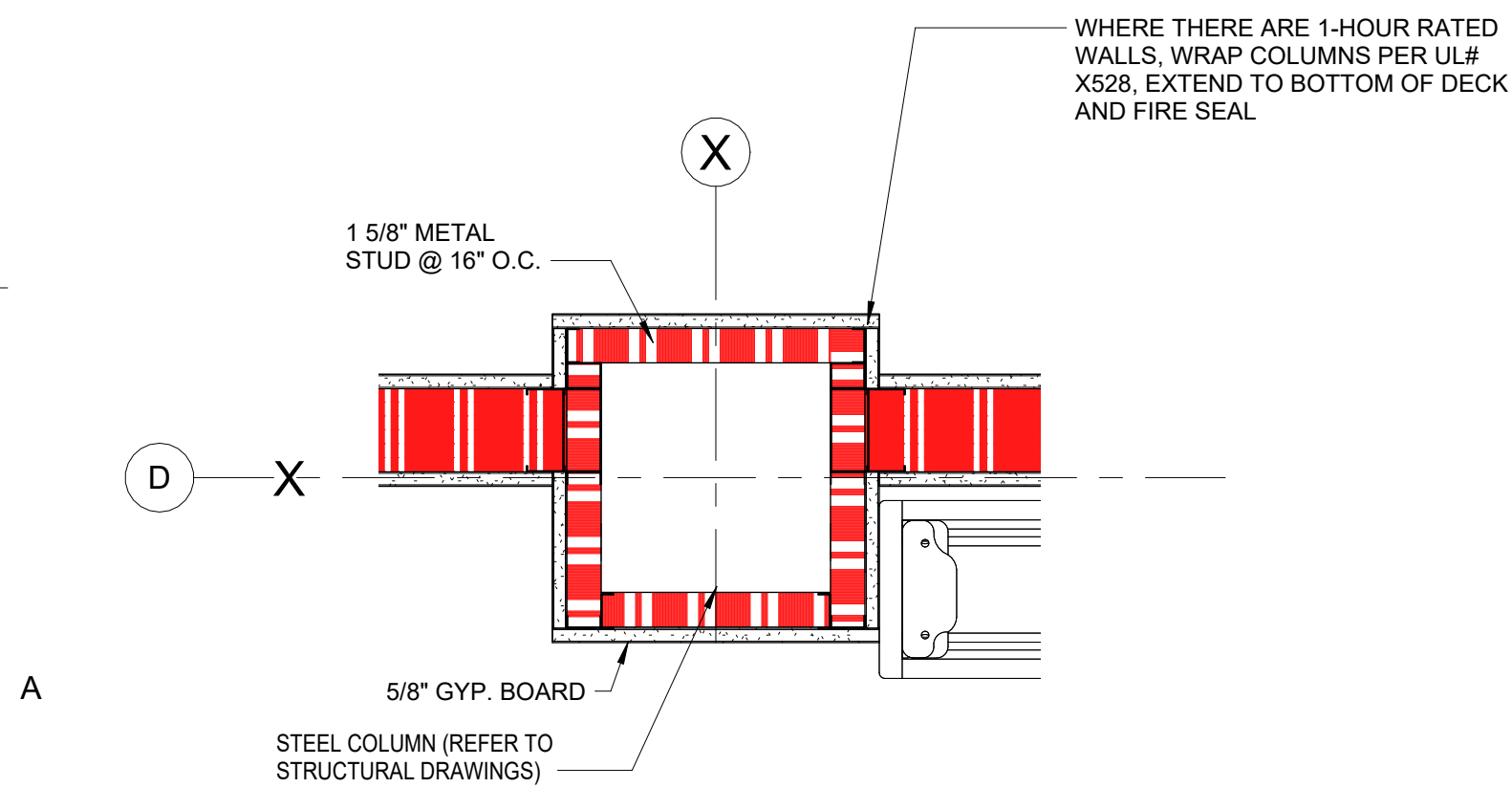
5 FLOORING TRANSITION - CONCRETE TO RESILIENT FLOORING
D-A701 6" = 1'-0"



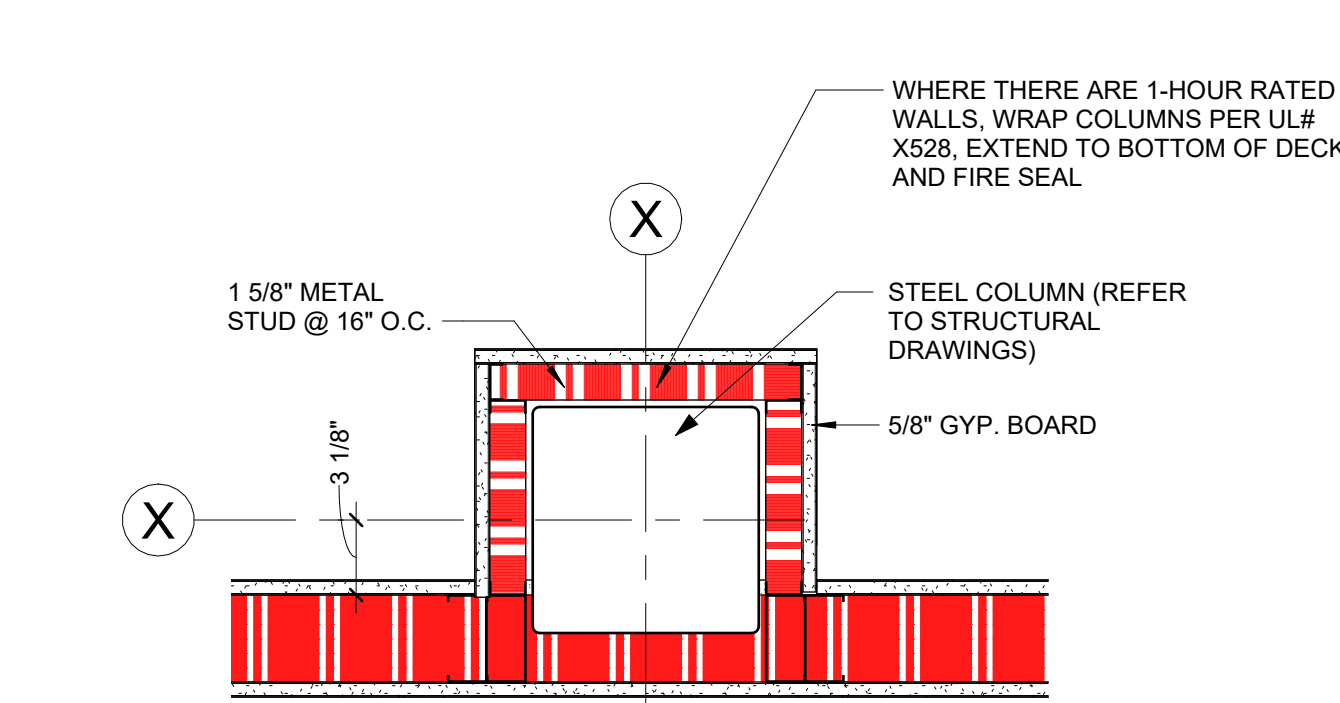
7 FLOORING TRANSITION - ATHLETIC TO RESILIENT FLOORING
D-A701 6" = 1'-0"



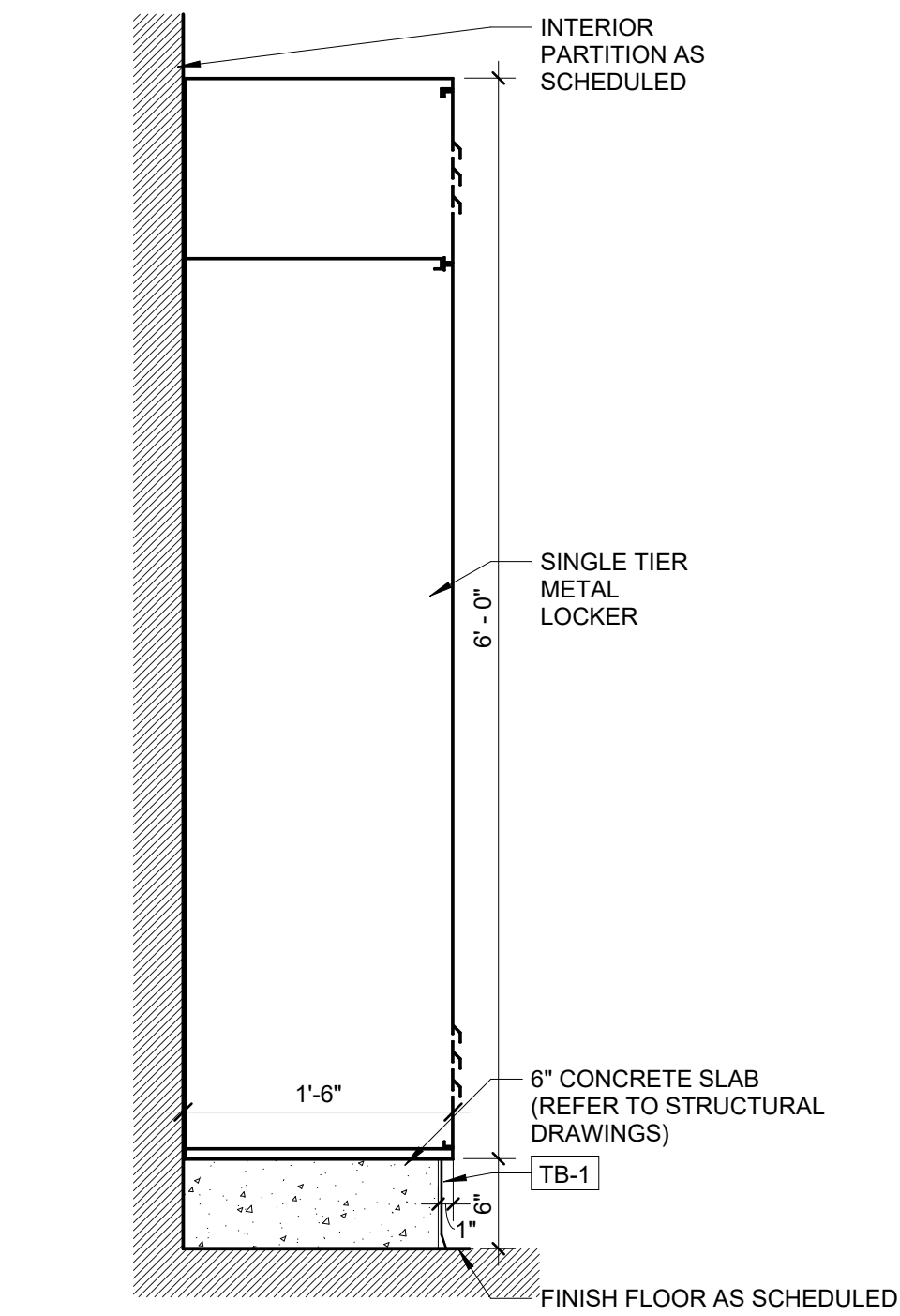
8 FLOORING TRANSITION - RESILIENT FLOORING TO FLOOR TILE
D-A701 6" = 1'-0"



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



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



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

F

E

D

C

B

A

EQUIPMENT SCHEDULE					
Key	Equipment	QTY	Make	Model	Installation
AC1	Vertical Air Compressor	-	Ingersoll Rand	SS3L3	CFCI
AC2	Rotary Air Compressor	-	Quincy	QR-25	CFCI
AV1	AV Credenza	-	AVFI	CR1000EX	OFOI
CM1	Coffee Maker	-	TBD	TBD	OFOI
DY1	Dryer	-	TBD	TBD	OFCI
EX1	Treadmill	-	Precor Cardio Commercial Line	TRM631 P31	OFOI
EX2	Elliptical	-	Precor Cardio Commercial Line	EPX635 P31	OFOI
EX3	Stationary Bike	-	Precor Cardio Commercial Line	PBK 635	OFOI
EX4	Leg Extension/Curl	-	Precor Cardio Commercial Line	Seated Curl	OFOI
EX5	Functional Training System	-	Hoist Fitness	M7	OFOI
EX6	Flat to Incline Bench	-	Discovery	Flat to Incline Bench	OFOI
EX7	5.50 LB Dumbbells w/ Rack	-	Tag Fitness	Rubber Hex Dumbbell Set	OFOI
EX8	Olympic Plate Tree	-	Hoist Fitness	Olympic Plate Tree	OFOI
EX9	Flat Tray Rack	-	Tag Fitness	3 Tier Flat Rack	OFOI
IM1	Ice Maker	-	Hoshizaki	KM-130SRJ	OFCI
IM2	Ice Bin	-	Follett	DEV1300SG-48-75	OFCI
IM3	Remote Condenser	-	Hoshizaki	URC-14F	OFCI
JC1	Jib Crane	-	Gorbel	FS300-30-W24	CFCI
MP1	Multi Function Printer	-			OFOI
MS1	Mail Stop Furniture	-			OFOI
MW1	Microwave	-	TBD	TBD	OFOI
OT1	40W Tank 110 Gallon	-	Roth	DWT 400L	CFCI
OT2	Motor Oil Tank 275 Gallon	-	Roth	DWT 1000L	CFCI
PJ1	Projector	-	Christie Digital	DWU630-GS	OFOI
PJM1	Projector Ceiling Mount	-	Chief	VCMJ	OFOI
PJS1	Projection Screen	-	Screen Innovations	5WMP1160SL12	OFOI
PW1	Pressure Washer	1.0	AaLadin	8000 Series	CFCI
RF1	Refrigerator	-	TBD	TBD	OFOI
RL1	Water Reel	-	Cox Reel	EZ-P-1P-450	CFCI
RL2	Compressed Air Reel	-	Cox Reel	EZ-P-1P-350	OFCI
RL3	Electric Reel	-	Cox Reel	EZ-PC13-5012-B	CFCI
RL4	Compressed Air Reel	-	Balcrank	2140-008	CFCI
RL5	Oil Reel	-	Balcrank	2140-014	CFCI
RL6	Electric Cord Reel	-	Graco	24Y864	CFCI
ST1	3' Pallet Rack	-			
ST2	3'-6" Pallet Rack	-			
ST3	Welded Storage Closet	-			
TV1	50" TV	-	Samsung	QB50R	OFOI
TV2	65" TV	-	Samsung	QM65R	OFOI
TV3	75" TV	-	Samsung	QM75R	OFOI
TV4	98" TV	-	Samsung	QM98T	OFOI
TVM1	TV Swivel Mount	-	TBD	TBD	OFOI
TVM2	50"65"/75" Wall Mount	-	Snap One	SM-T-L	OFOI
TVM3	98" Wall Mount	-	Chief	XTM1U	OFOI
VC1	Vacuum	-	JE Adams	9225 0	CFCI
VM1	Vending Machine	-	TBD	TBD	OFOI
WBR1	Water Bottle Rack	-			
WC1	Water Cooler	-			
WS1	Washer	-	TBD	TBD	OFCI

NOTE: NOT ALL EQUIPMENT ITEMS MAY BE USED IN THIS BUILDING.

ABBREVIATIONS

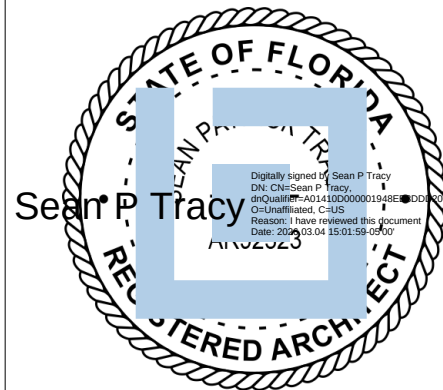
OF - OWNER FURNISHED
OI - OWNER INSTALLED
CF - CONTRACTOR FURNISHED
CI - CONTRACTOR INSTALLED
VF - VENDOR FURNISHED
VI - VENDOR INSTALLED

FINISH MATERIAL SCHEDULE								
Key Name	DESCRIPTION	MANUFACTURER	FINISH DESCRIPTION				COMMENTS	
			STYLE	SIZE	PRODUCT NUMBER	COLOR		INSTALL NOTES
FLOORING								
CPT-1	CARPET TILE	INTERFACE	SEW STRAIGHT	50CM X 50CM		SERPENTINE	BRICK PATTERN	
EFC-1	EPOXY FLOOR COATING	VERSATILE BUILDING PRODUCTS	ROLL ON ROCK			GRAPHITE		
FT-1	PORCELAIN FLOOR TILE	DALTILE	HAUT MONDE	12" X12"		EMPIRE BLACK - UNPOLISHED	USE GRT-2	
FT-2	PORCELAIN FLOOR TILE	DALTILE	PORTFOLIO	2" X 3"		ASH GRAY		
RF-1	RUBBER FLOORING	ARMOUR RUBBER	LIGHT COMMERCIA	24" X 24"				
SCON-1	SEALED CONCRETE		LATEX SYSTEM - TRANSPARENT FINISH					
SDT-1	STATIC DISSAPATIVE TILE	ARMSTRONG	EXCELON STD	12" X12"		FOSSIL GRAY		
VCT-1	VINYL CMPOSITION TILE	ARMSTRONG - STANDARD EXCELON	IMPERIAL TEXTURE	12" X 12"		SOFT WARM GRAY		TWO COATS: H&C HYDRO-DEFEND WATER-BASED CONCRETE & MASONRY WATERPROOFING SEALER'
CEILING								
APC-1	ACOUSTIC PANEL CEILING	ARMSTRONG		2' X 2'		WHITE		
P-5	PAINT	SHERWIN WILLIAMS	LATEX EGGSHELL			PURE WHITE		
P-6	PAINT	SHERWIN WILLIAMS	DRYFALL			BLACK	PAINTED STRUCTURE	
P-9	PAINT	SHERWIN WILLIAMS	LATEX EGGSHELL			SEE P-1		
P-10	PAINT	SHERWIN WILLIAMS	LATEX EGGSHELL			CITYSCAPE		
WALL								
FRP-1	FIBER REINFORCED PANEL	MARLITE	STANDARD - PEBBLED	4' X 8'		DARK GREY		
P-1	PAINT	SHERWIN WILLIAMS	LATEX EGGSHELL			SNOWFALL		
P-2	PAINT	SHERWIN WILLIAMS	LATEX EGGSHELL			SMOKY AZURITE		
P-3	PAINT	SHERWIN WILLIAMS	WATER BASED EPOXY			SEE P-1		
P-4	PAINT	SHERWIN WILLIAMS	LATEX EGGSHELL			SHOJI WHITE		
TP-1	TOILET PARTICIAN	SCRANTON				CONCRETE		
US-1	URNIAL SCREEN	SCRANTON				CONCRETE		
WT-1	PORCELAIN WALL TILE	DALTILE	HAUT MONDE	12" X 12"		ELITE GRAY	USE GRT-1	
WT-2	TILE TRIM	DALTILE	BULLNOSE PORCELAIN	3" X 12"		ELITE GRAY	USE GRT-1	
BASE								
RB-1	RUBBER BASE	JOHNSONITE	COVE	4"		CHARCOAL		
RB-2	RUBBER BASE	JOHNSONITE	STRAIGHT PROFILE	4"		CHARCOAL		
TB-1	PORCELAIN BASE TILE	DALTILE	BULLNOSE PORCELAIN	6" X 12"		EMPIRE BLACK	USE GRT-2	
CASEWORK								
PL-1	PLASTIC LAMINATE	WILSONART	FINE VELVET			NORDIC LINEN		UPPER AND BASE CABINETS
SS-1	SOLID SURFACE	CORIAN		1/2" THICK		CARBON CONCRETE		
DOOR								
P-7	PAINT	SHERWIN WILLIAMS	ACRYLIC COATING SYSTEM - SEMI GLOSS			SHOJI WHITE		DOOR TRIM
P-8	PAINT	SHERWIN WILLIAMS	ACRYLIC COATING SYSTEM - SEMI GLOSS			CITYSCAPE		EXTERIOR DOOR FRAME
GROUT								
GRT-1	EPOXY GROUT	LATICRETE	SPECTRALOCK PRO EPOXY			24 NATURAL GREY		USED FOR WALL TILE
GRT-2	EPOXY GROUT	LATICRETE	SPECTRALOCK PRO EPOXY			27 SILVER		USED FOR FLOOR TILE
TRANSITION STRIP								
TS-1	METAL FLOORING TRANSITION					BRUSHED STAINLESS STEEL		
TS-2	RUBBER FLOORING TRANSITION	JOHNSONITE	VCT TILE/CARPET ROLLING TRAFFIC TRANSITION			CHARCOAL		

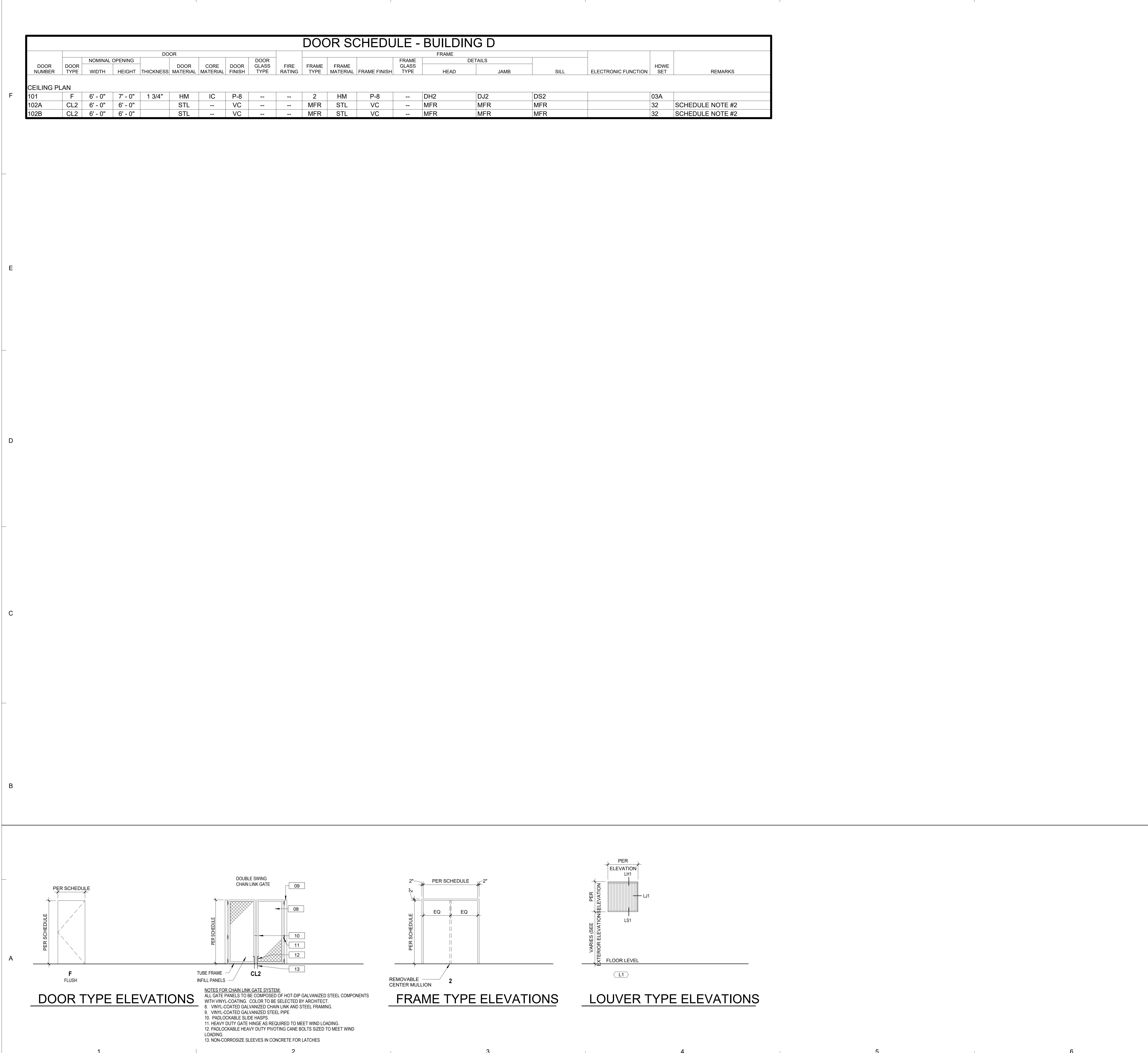
NOTE: NOT ALL FINISHES MAY BE USED IN THIS BUILDING.

GENERAL NOTES - FINISH MATERIAL SCHEDULE

1. GROUT JOINTS FOR PORCELAIN TILE SHALL BE NO LARGER THAN 3/16"



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 D - TRUCK WASH		
1855 NW COUNTY ROAD 25A, LAKE CITY, FL		
PROJECT NO. 814C632800		
SHEET TITLE EQUIPMENT SCHEDULE AND FINISH SCHEDULE		
SHEET NUMBER D-A800		



GLASS TYPES

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

DOOR SCHEDULE NOTES

1. PROVIDE SIGNAGE. SEE A-A131 FOR SIGNAGE PLACEMENT AND D-A601 FOR SIGNAGE DETAIL.
2. MANUFACTURERS STANDARD THICKNESS 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.

DOOR AND FRAME NOTES

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".

HARDWARE NOTES

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.

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

DOOR SCHEDULE ABBREVIATIONS

CORE MATERIALS	DOOR MATERIALS	GENERAL
MC MINERAL CORE	WD WOOD	MFR MANUFACTURER
IC INSULATED CORE	AL ALUMINUM	FF FACTORY FINISH
PC PARTICLE CORE	GL GLAZED	GALV GALVANIZED
	HM HOLLOW METAL	VC VINYL-COATED
	STL STEEL	

LITTLE

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STATE OF FLORIDA

SEAN P. TRACY

REGISTERED ARCHITECT

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NO. REASON DATE

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