

ARCHITECT:
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 PROJECT ARCHITECT: MELISSA DESTREE AIA
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 DESIGNER/PROJECT MANAGER:
 JASON EKSTROM-DESIGNER/ASSOC AIA
 JASON@DESTREEARCHITECTS.COM

STRUCTURAL ENGINEER:
ECHOLON STRUCTURES

THOMAS R. BOEHNEN JR, P.E., S.E.
 CELL: 608-206-0521
 ESCHEOLONSTRUCTURES@CHARTER.NET

MECHANICAL ENGINEER:
HEIN ENGINEERING GROUP

17 APPLGATE CT. SUITE #200
 MADISON WI
 PH: 608.288.9260
 CONTACT: MIKE HEIN HEIN@CHORUS.NET

OWNER:
**CITY OF MADISON
 PARKS DIVISION**

CITY COUNTY BUILDING SUITE:104
 210 MARTIN LUTHER KING JR BLVD
 MADISON WI 53703
 608.266.4711
 CONTACT: JEANINE ZWART JZWART@CITYOFMADISON.COM

ESTHER BEACH SHELTER

2802 WAUNONA WAY

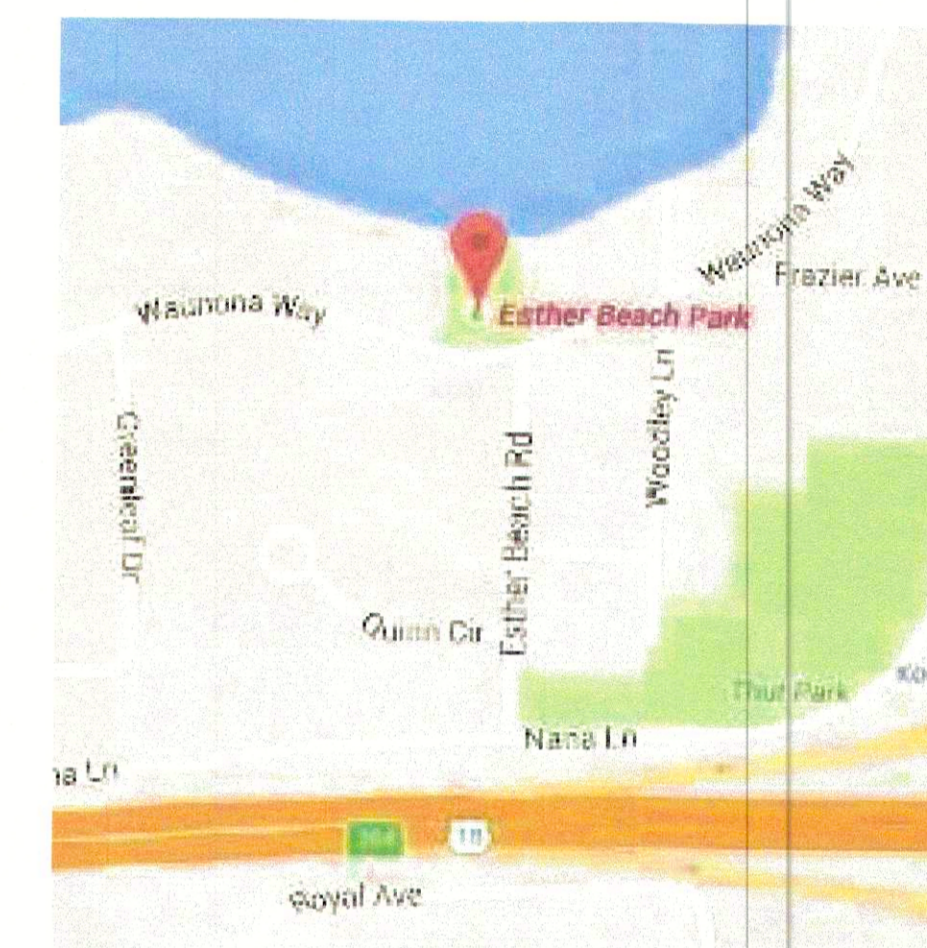
CITY OF MADISON PARKS DIVISION

07.15.2016

CONTRACT#7782/MUNIS #10121



RENDERING



SITE LOCATION MAP

DEFINITIONS:

- F.E.C - FIRE EXTINGUISHER CABINET
- GWB - GYPSUM WALL BOARD
- O.F.C.I. - OWNER FURNISHED CONTRACTOR INSTALLED
- C.F.C.I. - CONTRACTOR FURNISHED CONTRACTOR INSTALLED
- TYP - TYPICAL
- XTG - EXISTING

PAINT COLOR SELECTIONS:

- P-1 MAPLE- ALLURA SIDING
 - P-2 BLACK- MATCH ALUM STOREFRONT
 - P-3 HALLMAN LINDSAY- NEW PARKS IVORY
 - P-4 SW ROYCROFT #2848, WATER BASED TILE CLAD EPOXY
- *****ALL COLORS TO BE APPROVED BY ARCHITECT

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, CONSULT ARCHITECT W/ INCONSISTENCIES.
2. CONTRACTOR TO COMPLY WITH ALL APPLICABLE BUILDING CODES.
3. ALL SHOP DRAWING TO BE APPROVED BY ARCHITECT

DESIGN LOADS

1. DESIGN CODE DATA
 IBC 2009 (WI Commercial Building Code, Chapter 62)
 ASCE 7-05: MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES
 ACI 318-08: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
 ACI 530-08/ASCE 5-08/TMS 402-08: BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES
 AF & PA NDS-01: NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH 2005 SUPPLEMENT
 AISC 335-89S1: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
 AISC 341-02: SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS
 BUILDING OCCUPANCY CATEGORY II (PER ASCE 7-05 TABLE 1-1)
4. ROOF LIVE LOADS (ASCE 7-05) 20 PSF (REDUCIBLE)
- DEFLECTION LIMITS
 ROOF MEMBERS
 LIVE LOAD L/240
 SNOW LOAD L/240
 WIND LOAD L/240
 DEAD LOAD + LIVE LOAD L/180
 EXTERIOR WALLS WITH SIDING WIND LOAD L/180
 EXTERIOR WALLS WITH MASONRY VENEER WIND LOAD L/600
5. SNOW LOAD (ASCE 7-05)
 GROUND SNOW LOAD (Pg) 30 PSF
 EXPOSURE FACTOR (Ce) 1.0
 THERMAL FACTOR (Ct) 1.1

- SNOW LOAD IMPORTANCE FACTOR (Is) 1.0
 FLAT ROOF SNOW LOAD (Pf) 30.2 PSF
- 7. WIND LOADS (ASCE 7-05)
 BASIC WIND SPEED (3-SEC GUST) 90 MPH
 DIRECTIONALITY (Kd) 0.85
 WIND IMPORTANCE FACTOR (Iw) 1.00
 WIND EXPOSURE CATEGORY D
 TOPOGRAPHIC FACTOR (Kzt) 1.0
 ENCLOSURE CLASSIFICATION ENCLOSED
 INTERNAL PRESSURE COEFFICIENT (GCp) +/- 0.18
 BASE VELOCITY PRESSURE (Qh) 18.2 PSF

CODE SUMMARY:

PROJECT DESCRIPTION: PARK SHELTER W/ TOILET ROOMS
 CONSTRUCTION TYPE: 5B
 HEIGHT: ONE STORY

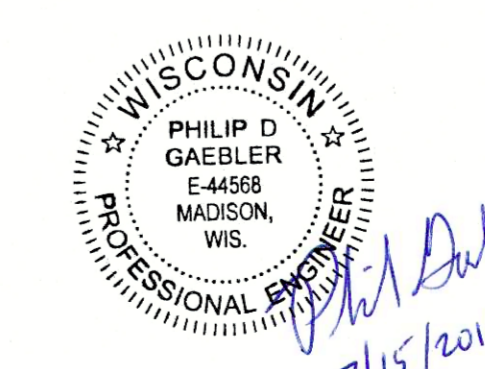
SQUARE FOOTAGES

BUILDING FOOTPRINT = 314 SF
 CONCRETE APRON AREA = 1176 SF
 ROOF AREA = 842 SF

PUBLIC IMPROVEMENT PROJECT
 APPROVED
 RES-16-00250, FILE ID #42069
 DATE: 3.29.16
 BY THE COMMON COUNCIL OF
 MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
 APPROVED BY:

 City Engineer
 7/15/16
 Date



SHEET INDEX:

TITLE	ARCHITECTURAL
T000 COVER	S100 FOUNDATION & FRAMING PLANS
	S101 STRUCTURAL DETAILS
C1.0 EXISTING SITE	A101 FLOOR PLAN & ROOF PLAN
C2.0 DEMOLITION & EROSION CONTROL	A300 EXTERIOR ELEVATIONS
C3.0 SITE PLAN	A500 BUILDING SECTIONS
C4.0 GRADING PLAN	A501 BUILDING SECTIONS
C5.0 STORM UTILITY PLAN	MEP
C5.1 UTILITY SCHEDULE	C101 SITE, WATER, SANITARY & SEWER
C6.0 DETAILS	H101 HVAC PLAN
	E101 ELECTRICAL PLAN
	E102 ELECTRICAL SCHEDULES
	P101 PLUMBING PLAN

SYMBOL LEGEND:

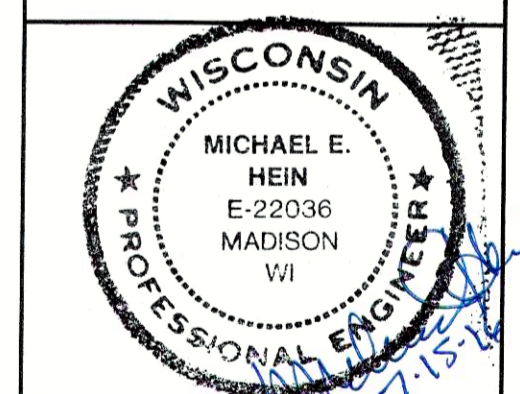
- P-X DETAIL AND WALL PARTITION TYPE CALLOUT
- XX INTERIOR ELEVATION CALLOUT
- XXXX DETAIL CALLOUT
- KEYNOTE CALLOUT
- WINDOW CALLOUT
- DEMO WALL
- XTG WALL
- NEW WALL
- DEMO DOOR
- NEW DOOR

DESTREE
 architecture & design

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**ESTHER BEACH SHELTER
 CONSTRUCTION DRAWINGS
 CITY OF MADISON PARKS DIVISION
 CONTRACT#7782/MUNIS #10121**



ISSUANCES:

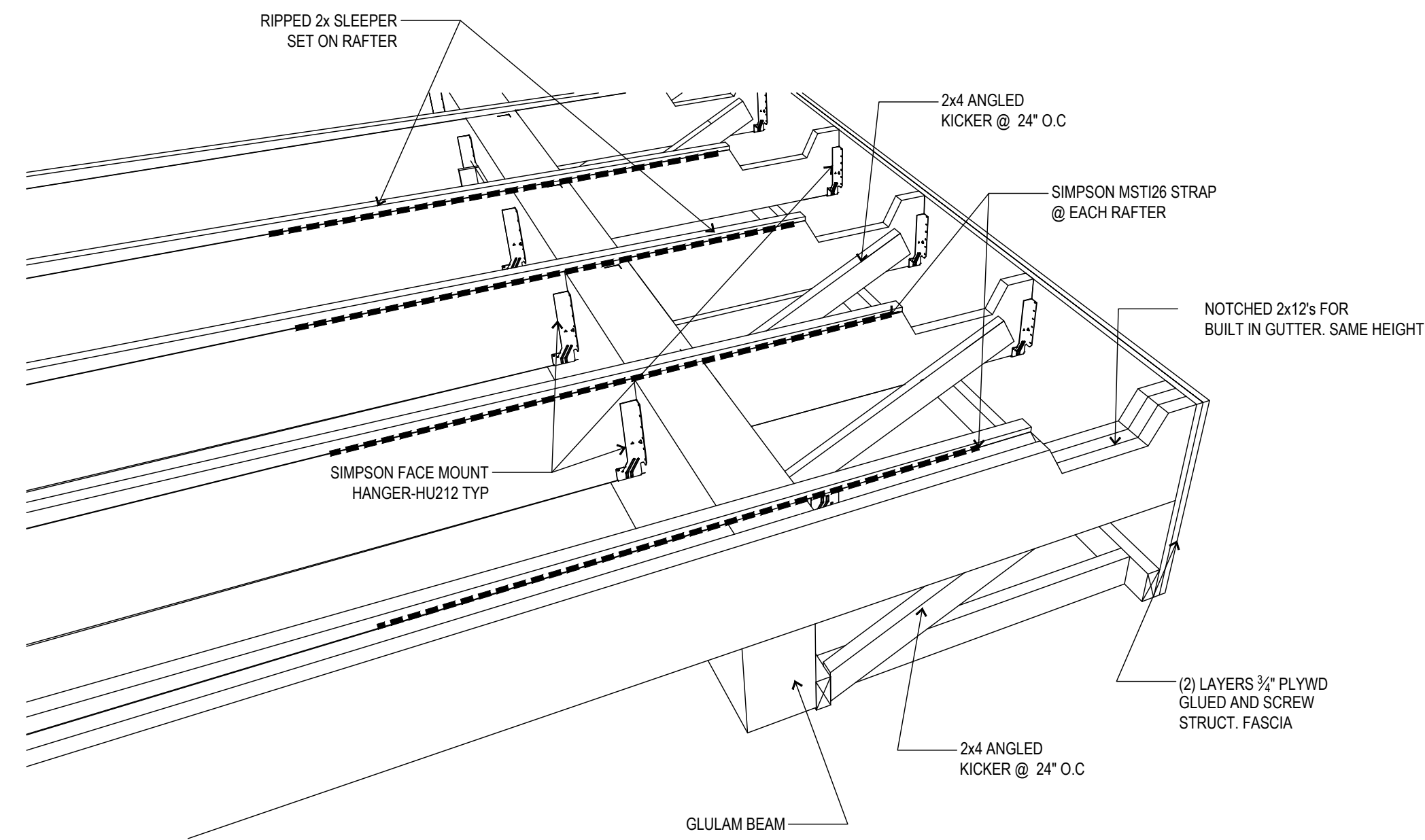
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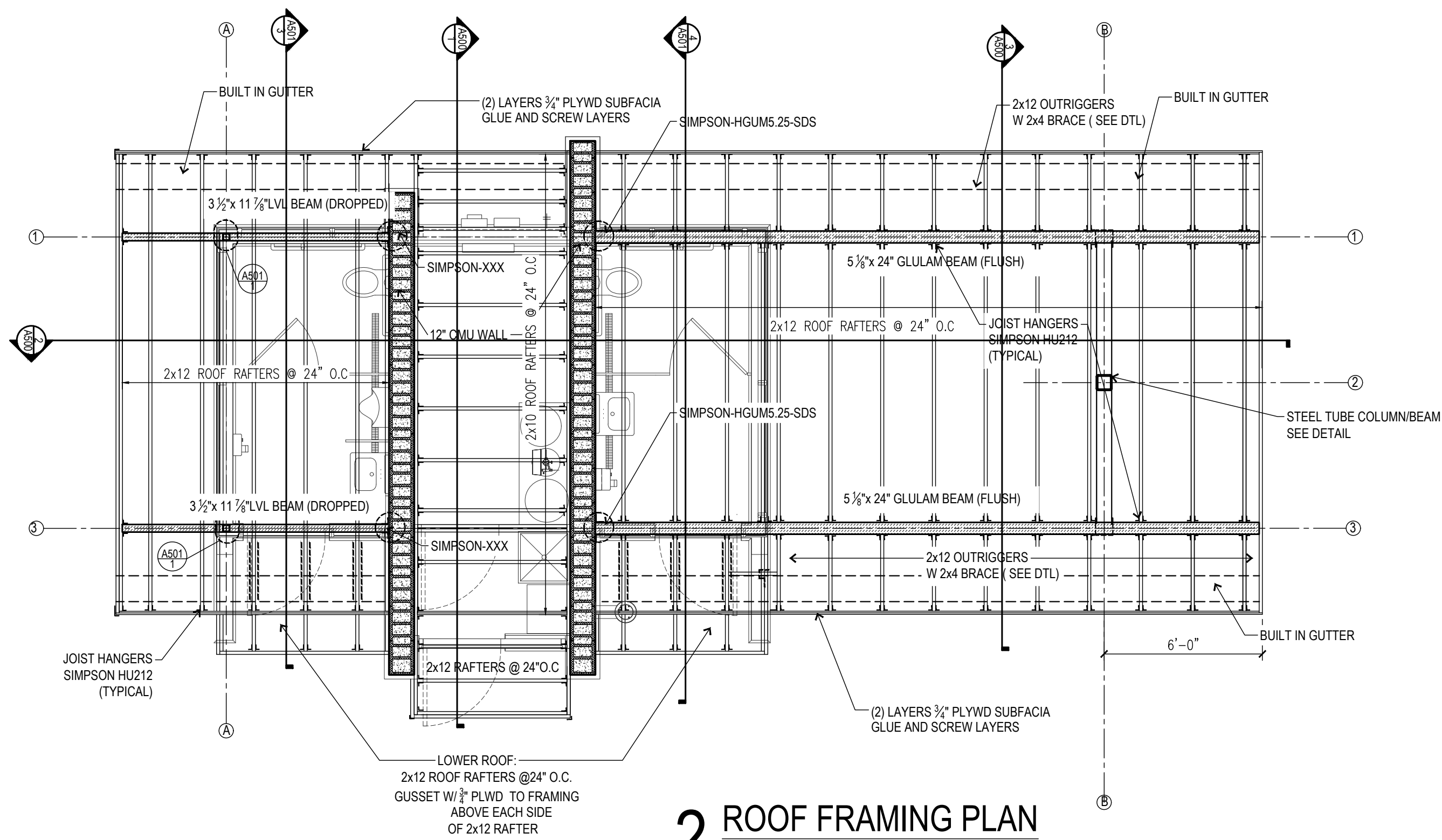
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SHEET:

T000



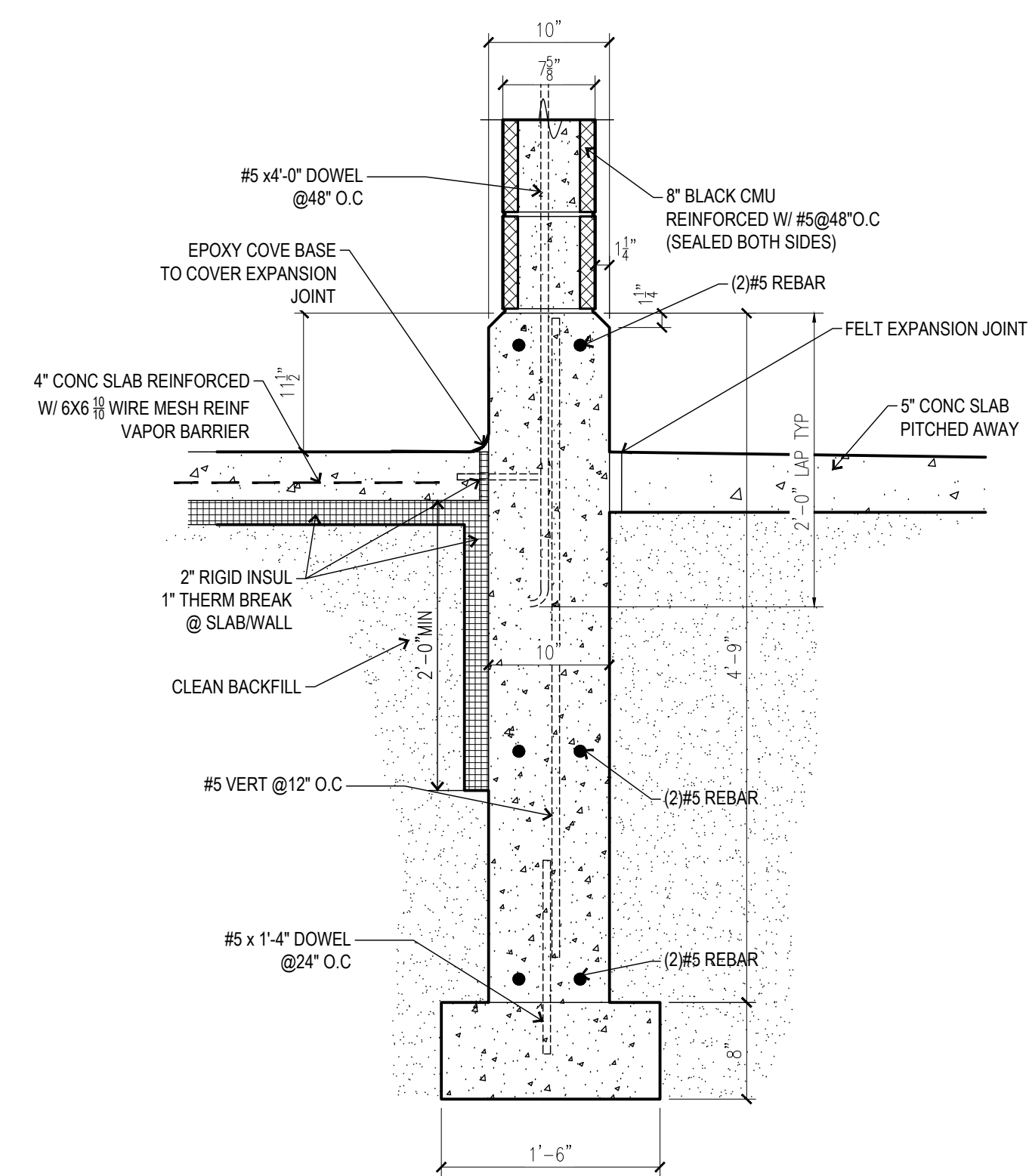
4 CANOPY OUTRIGGER DETAILS



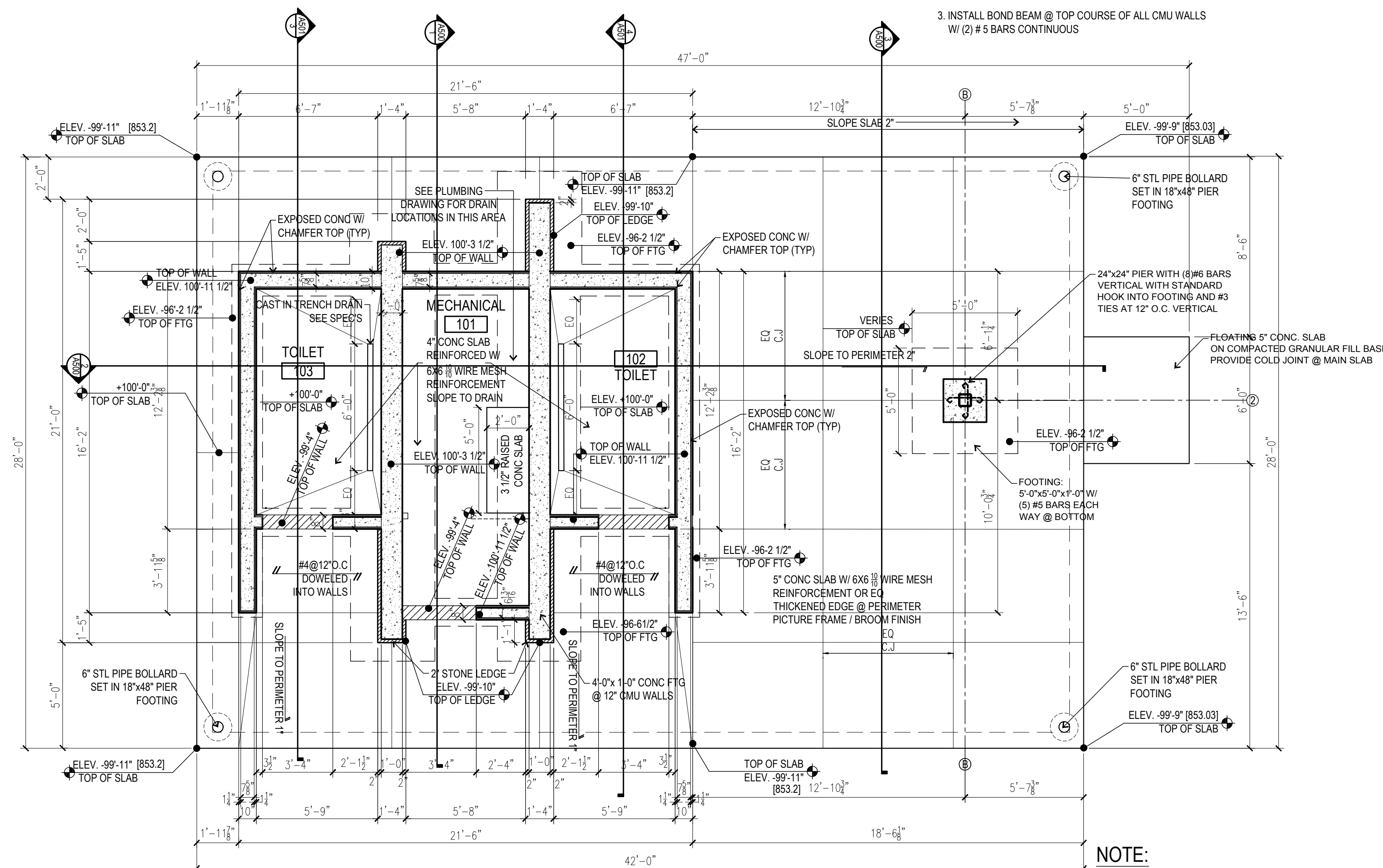
2 ROOF FRAMING PLAN
1/4" = 1'-0"

NOTE:

- 8" CMU TO BE REINFORCED W/ #5 @ 48" O.C. VERTICAL GROUDED @ REINFORCED CELLS
- 12" CMU TO BE REINFORCED W/ #5 @ 24" O.C. VERTICAL GROUDED @ REINFORCED CELLS
- INSTALL BOND BEAM @ TOP COURSE OF ALL CMU WALLS W/ (2) #5 BARS CONTINUOUS



3 FOUNDATION DETAIL
1" = 1'-0"



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

NOTE:

FINISHED FLOOR ELEVATION = 100'-0" (853.3)

ISSUANCES:

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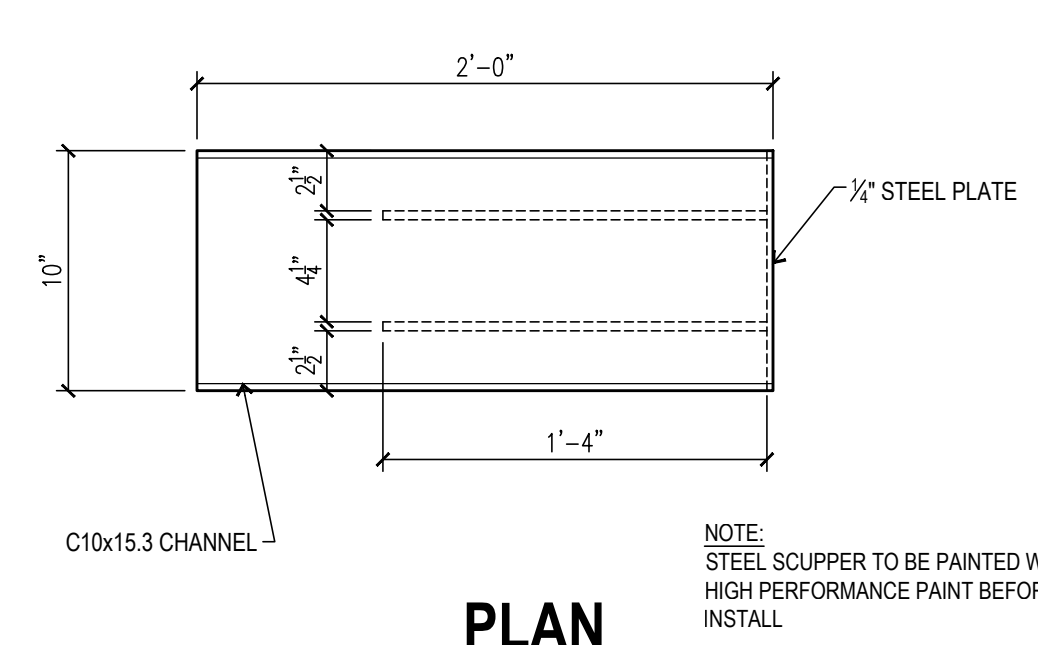
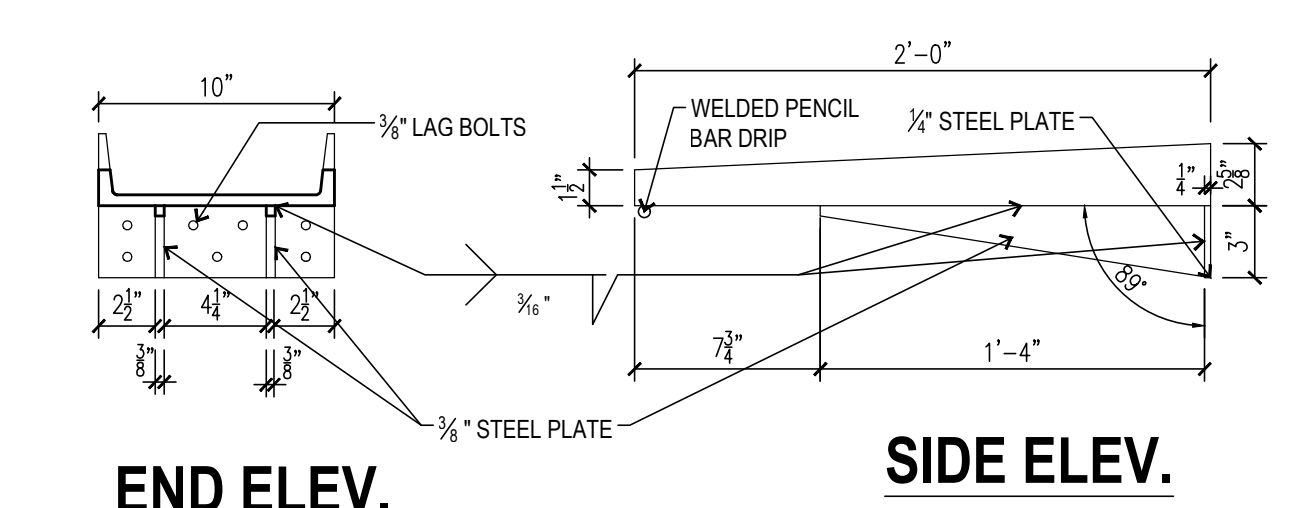
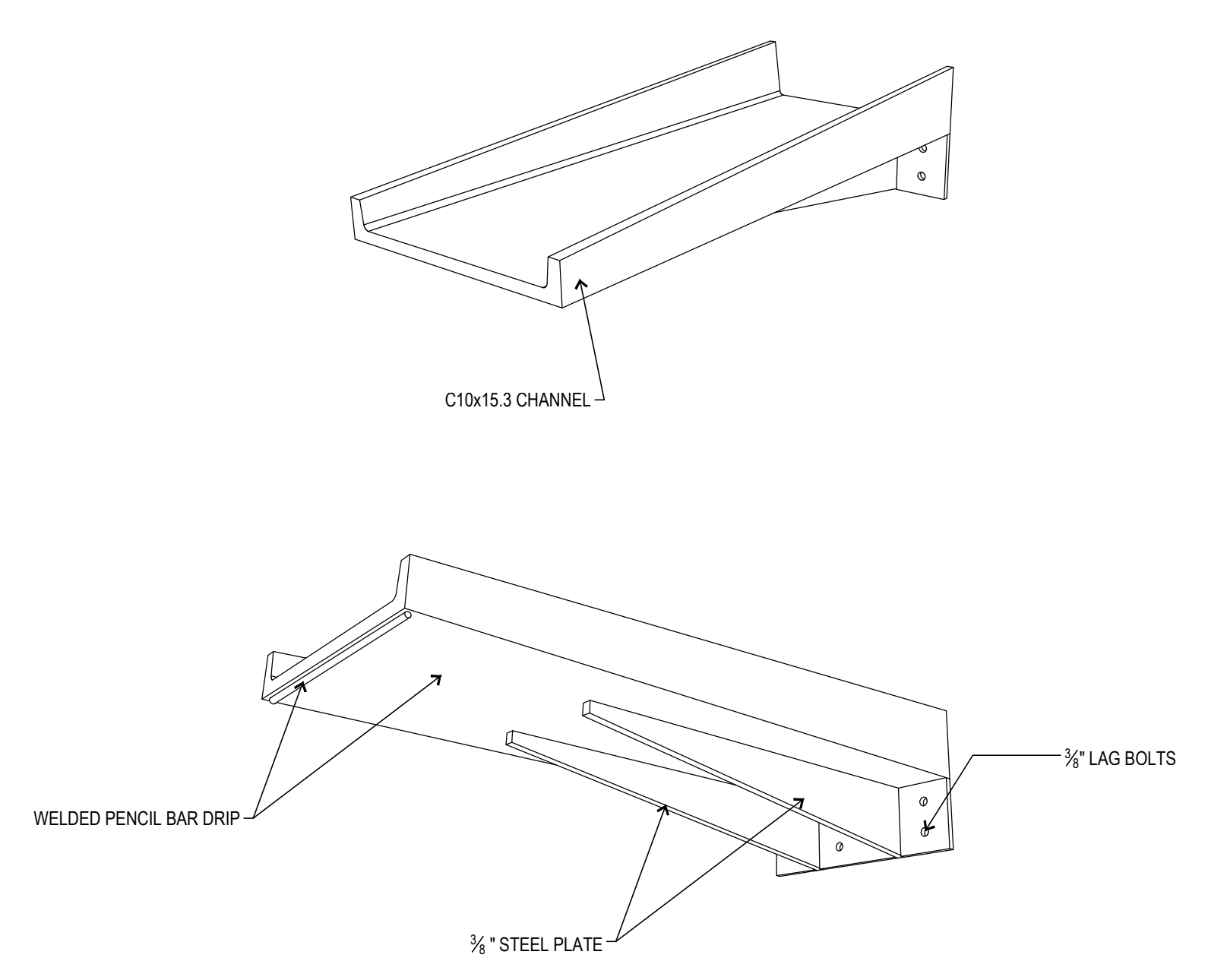
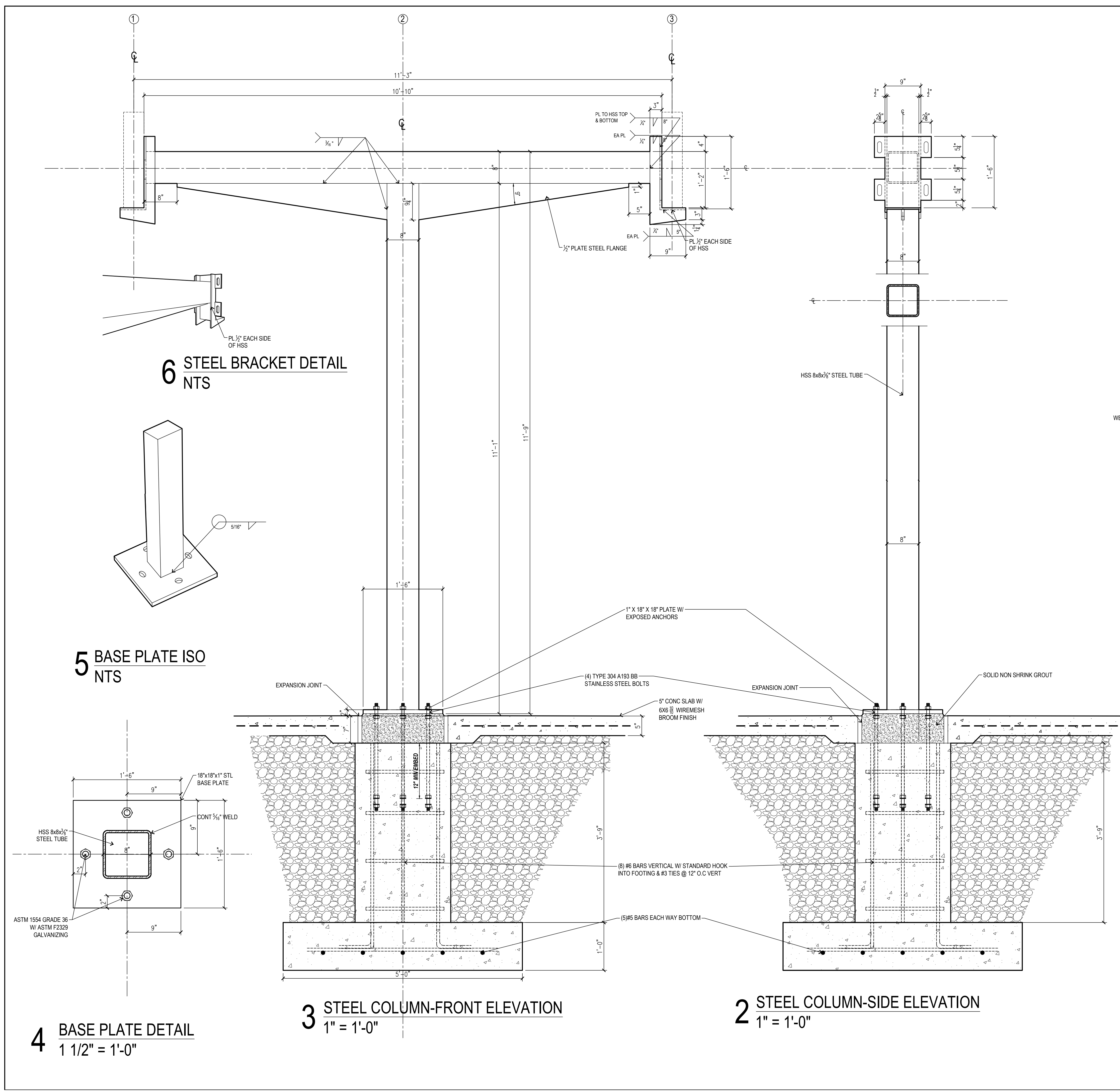
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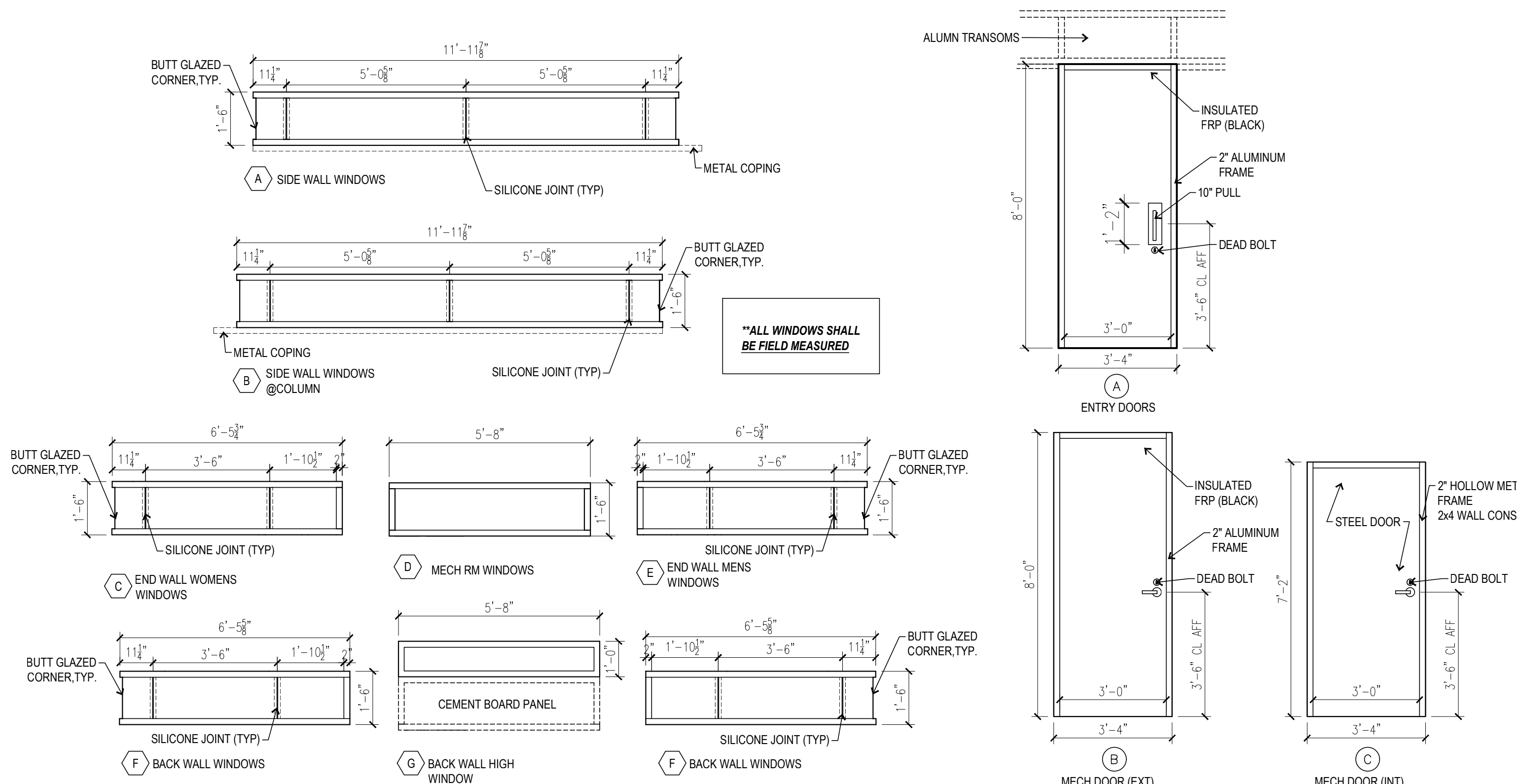
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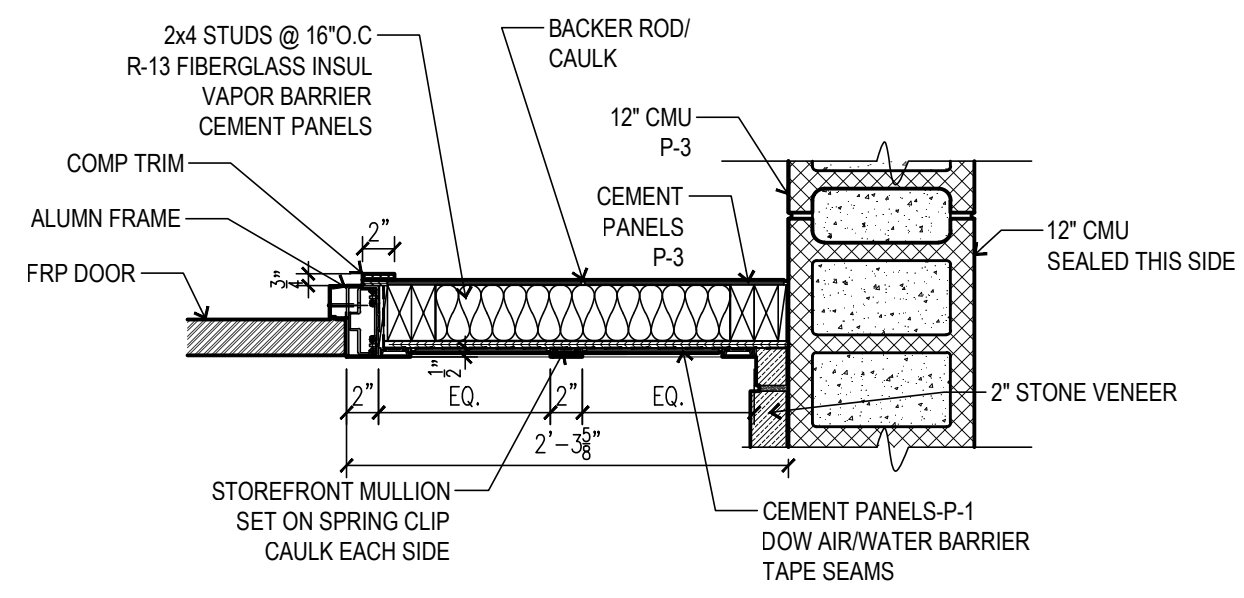
1 STEEL SCUPPER DETAIL
1 1/2" = 1'-0"

ESTHER BEACH SHELTER
CONSTRUCTION DRAWINGS
CITY OF MADISON PARKS DIVISION
CONTRACT#7782/MUNIS #10121

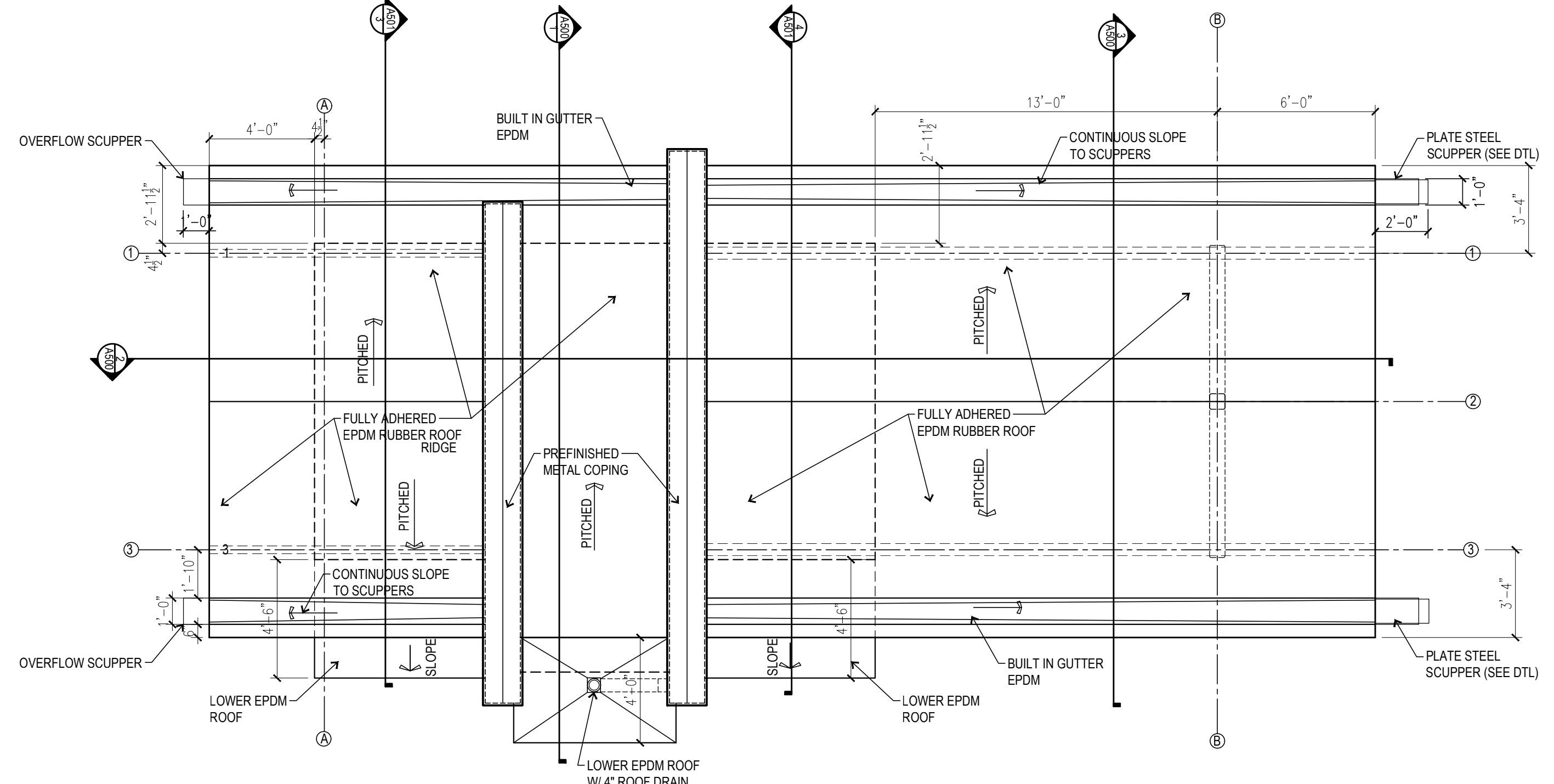
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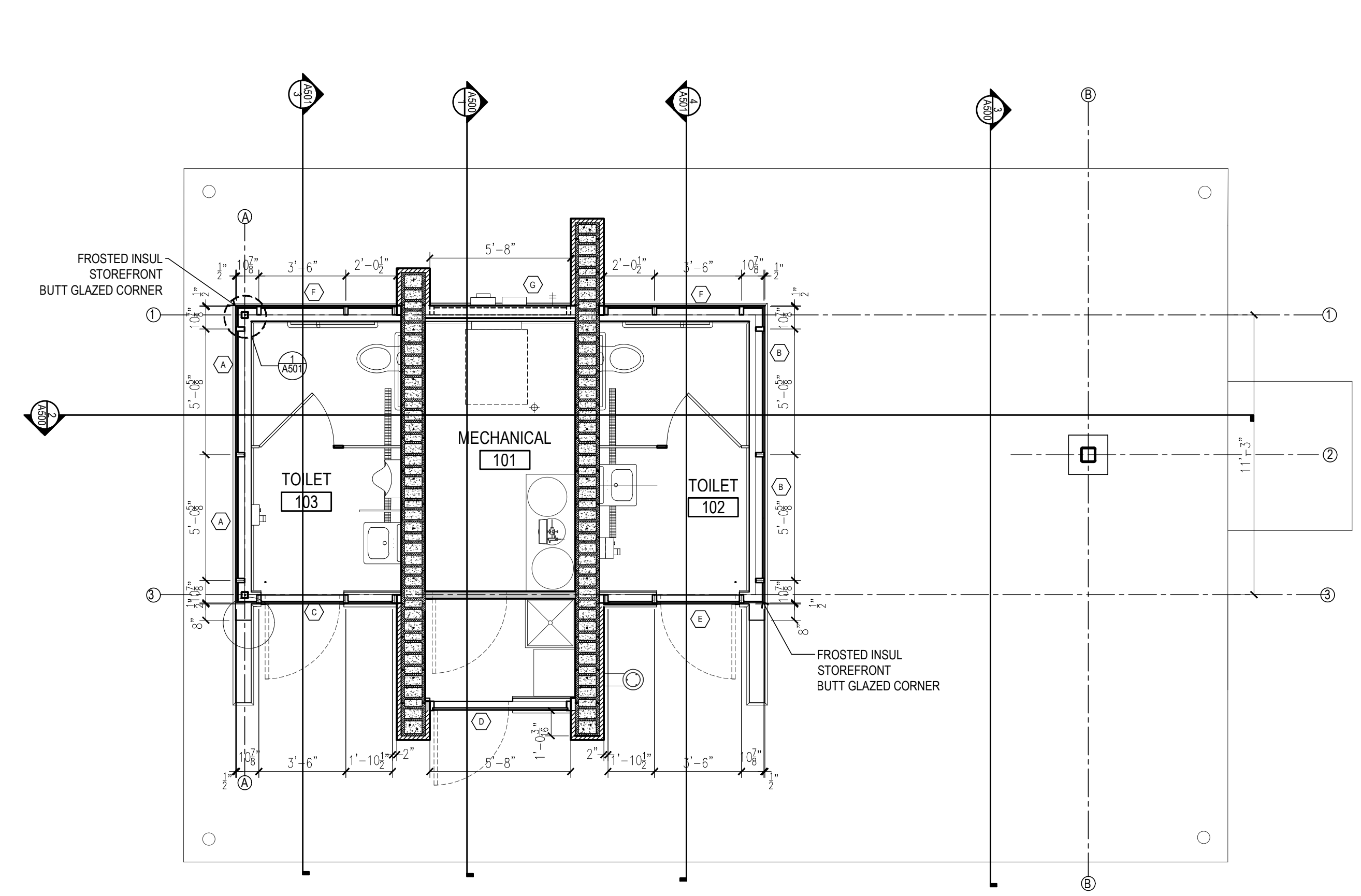
5 DOOR & WINDOW TYPES
3/8" = 1'-0"



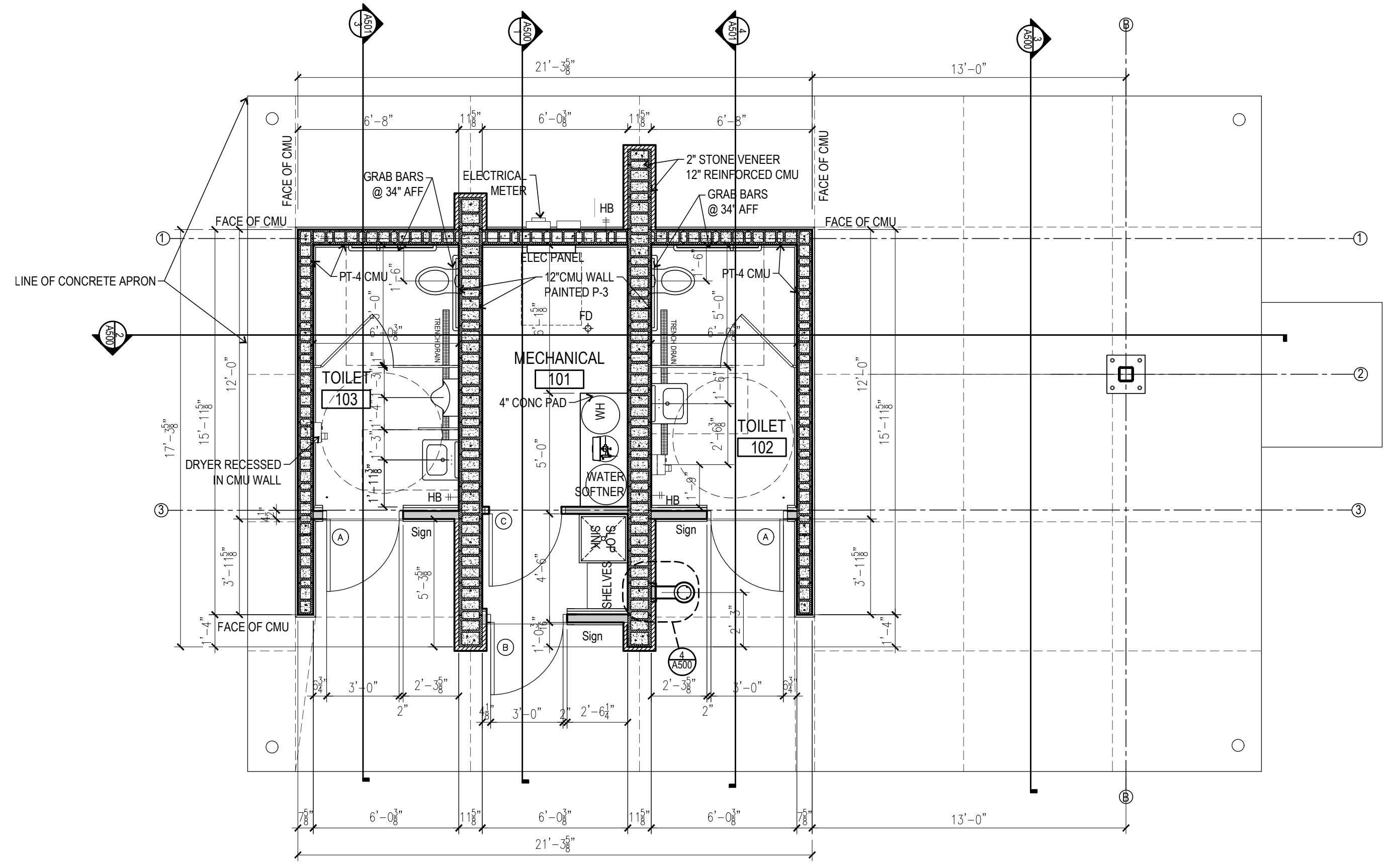
4 WALL DETAIL @ DOOR
1" = 1'-0"



3 ROOF PLAN
1/4" = 1'-0"



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



- NOTE:**
1. 8" CMU TO BE REINFORCED W/ # 5 @ 48" O.C. VERTICAL GROUTED @ REINFORCED CELLS
 2. 12" CMU TO BE REINFORCED W/ # 5 @ 24" O.C. VERTICAL GROUTED @ REINFORCED CELLS
 3. INSTALL BOND BEAM @ TOP COURSE OF ALL CMU WALLS W/ (2) # 5 BARS CONTINUOUS

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

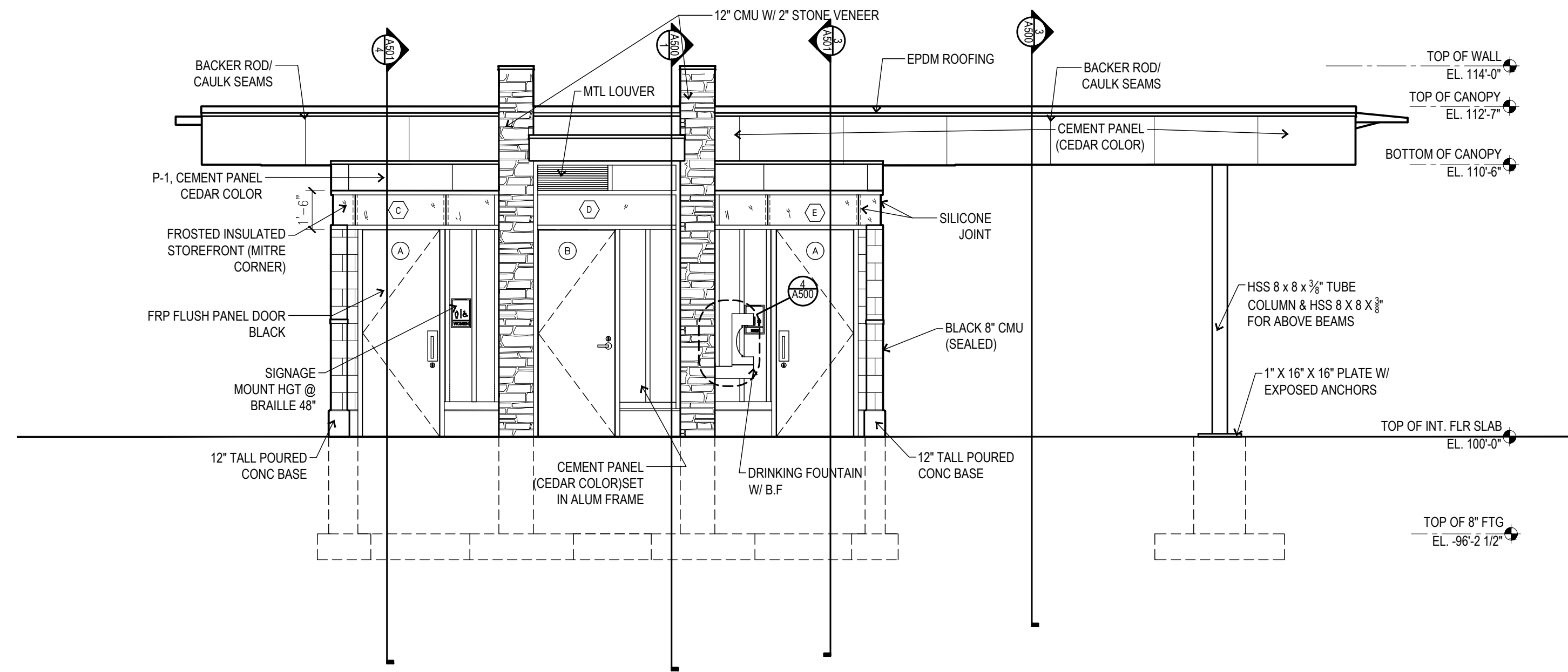
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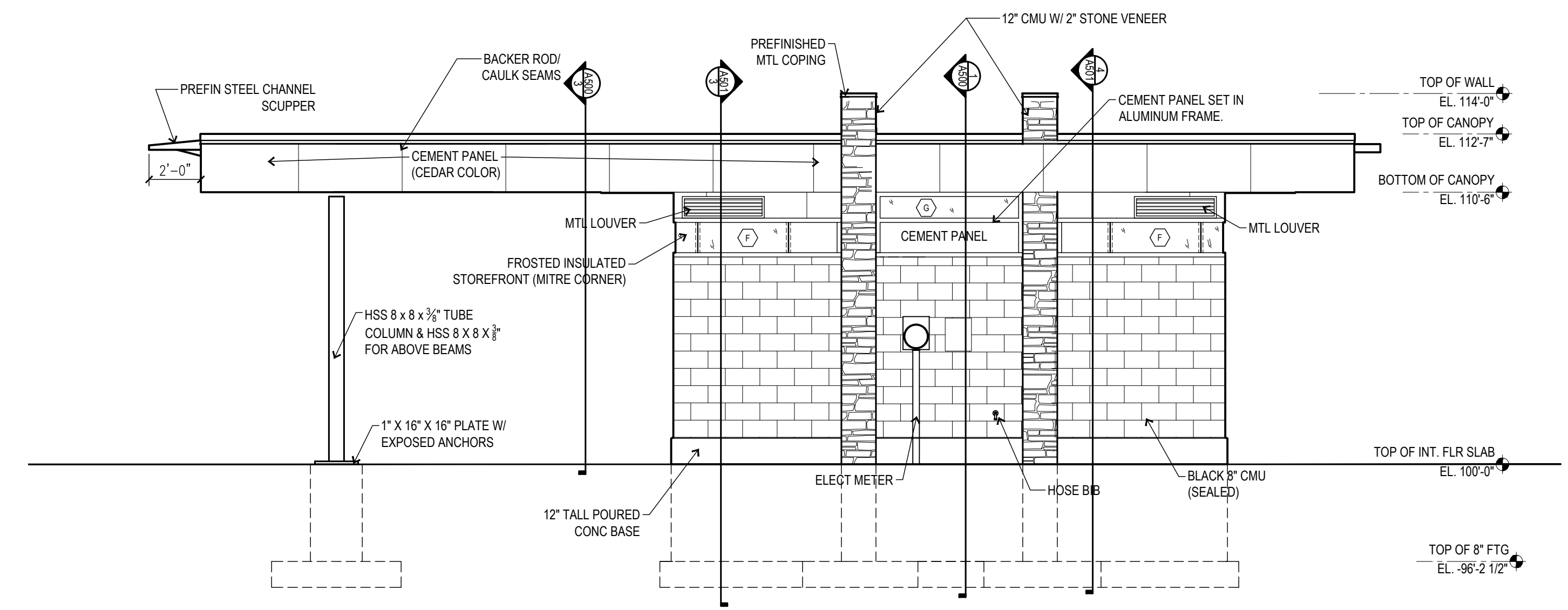
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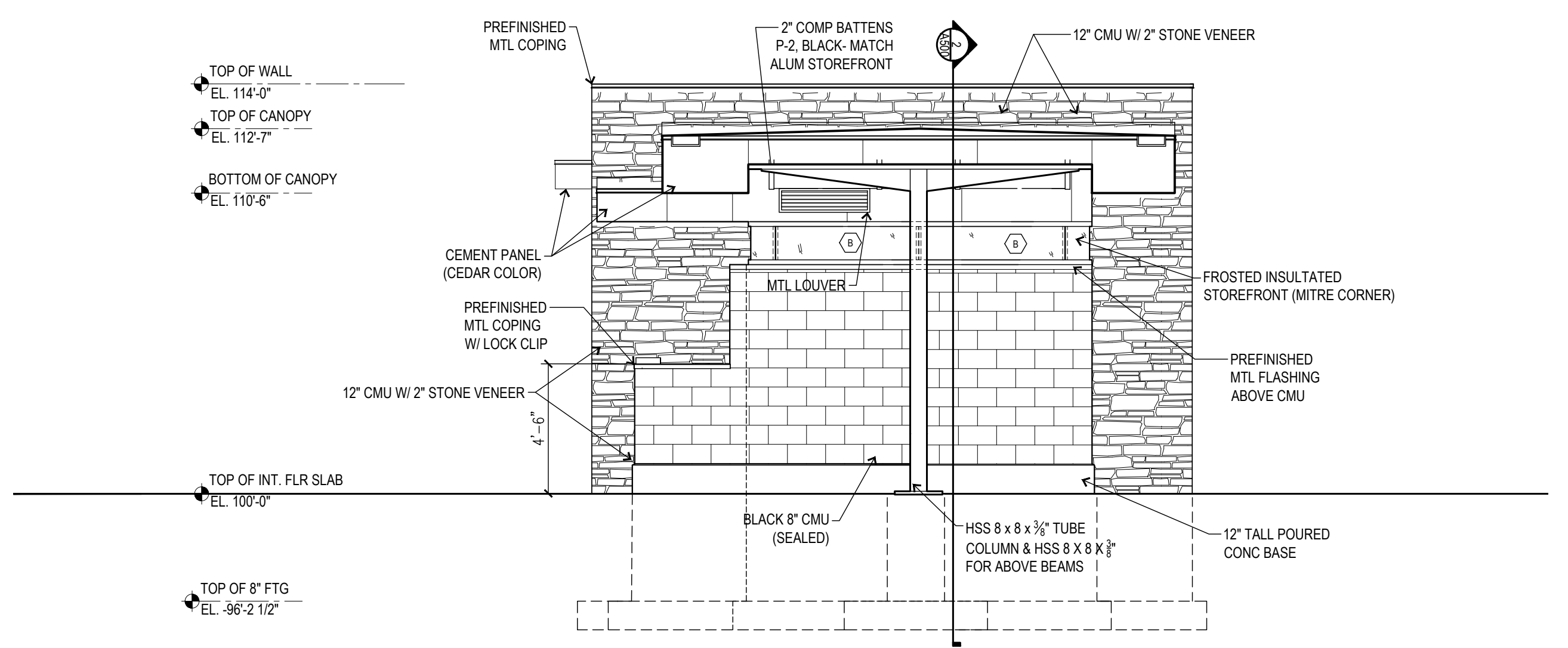


4 ELEVATION
1/4" = 1'-0"

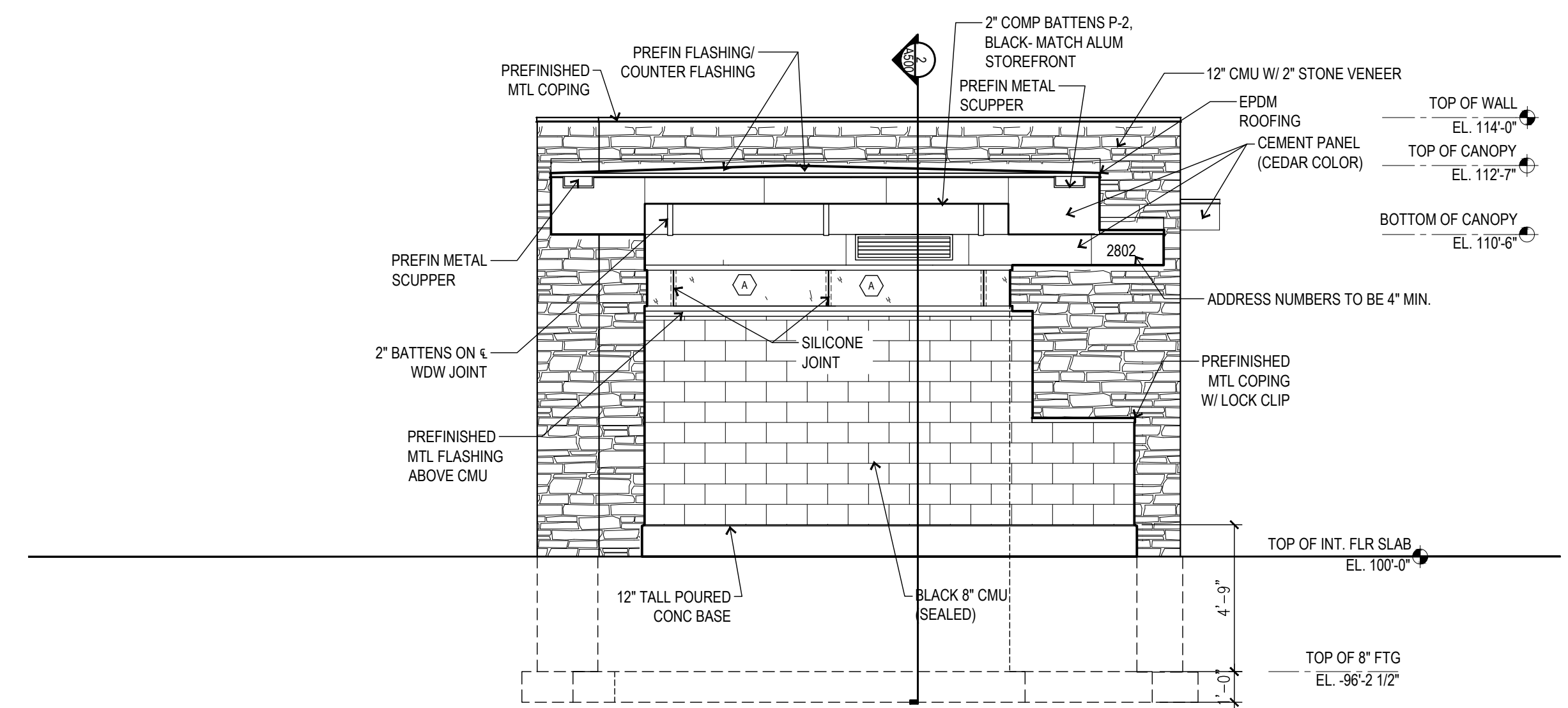


2 ELEVATION
1/4" = 1'-0"

NOTE:
SIDING- ALLURA FIBER CEMENT SOFFIT,
24"X12", MAPLE



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



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

NOTE:
*ALL MORTAR TO BE COLORED TO MATCH CMU
*ALL CMU AND STONE SURFACES TO HAVE :
SURE KLEAN WEATHER SEAL BLOK-GUARD &
GRAFFITI CONTROL II

ISSUANCES:	
CDS	7.15.16
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PROJECT:	
NUMBER:	151204.00
DATE:	07.15.2016
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ISSUANCES:

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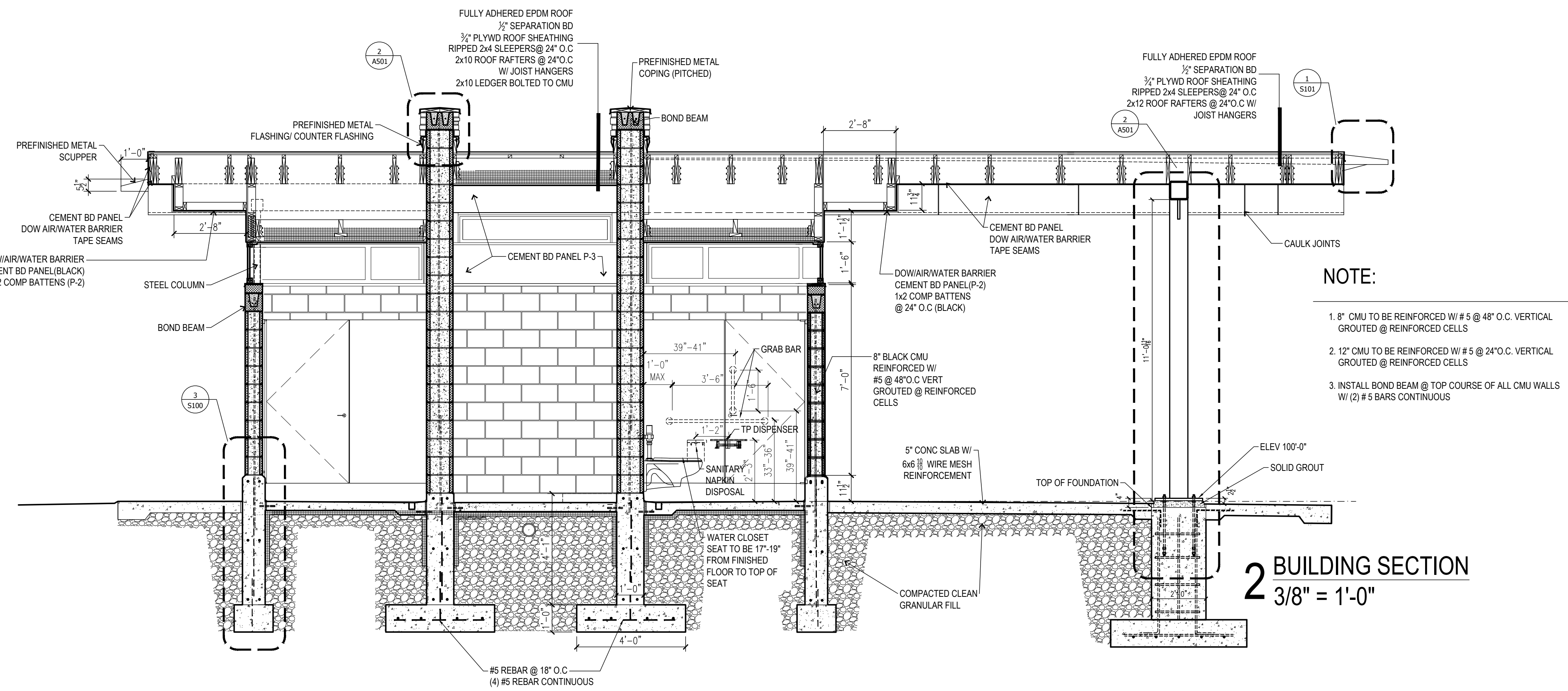
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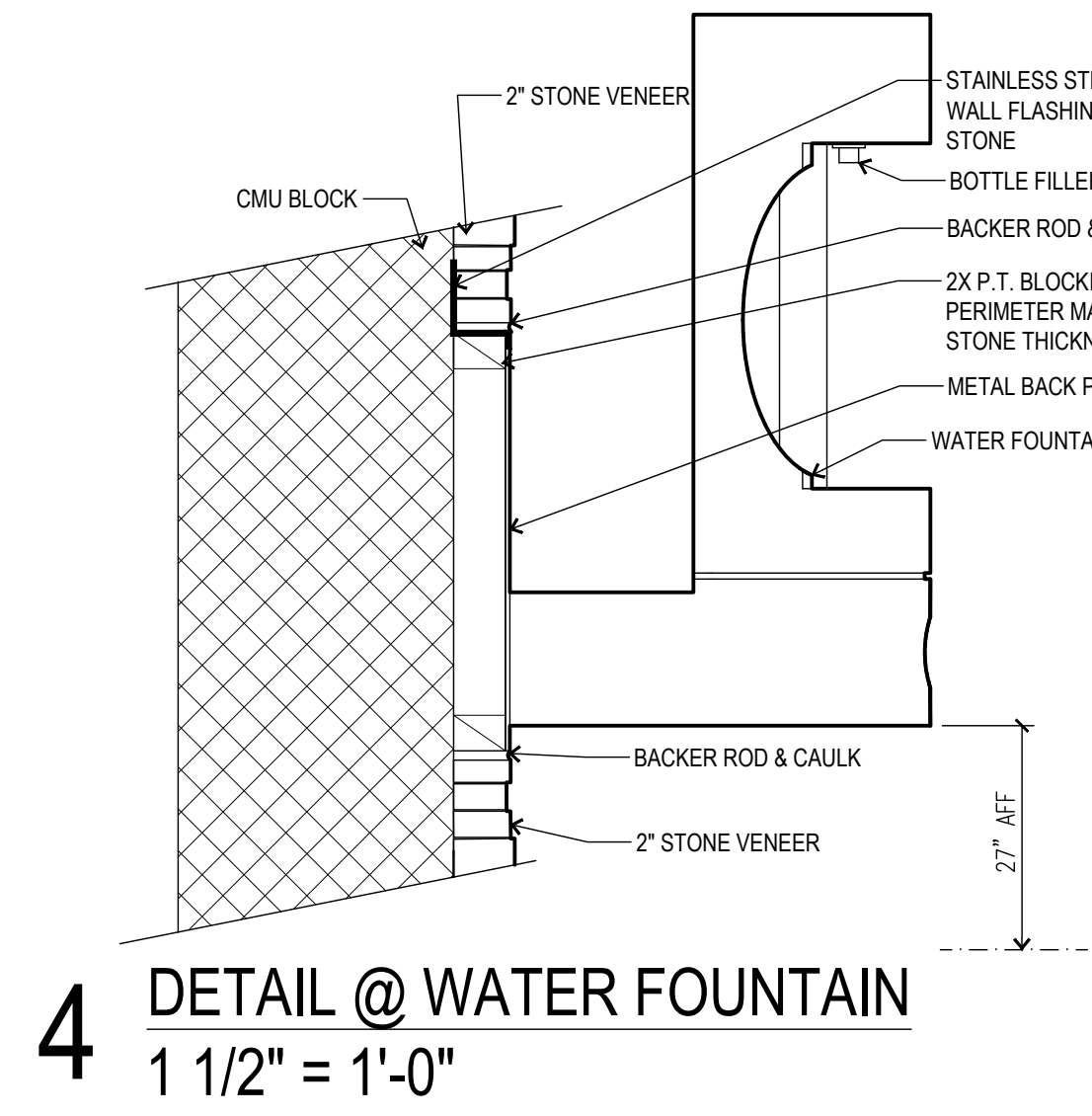
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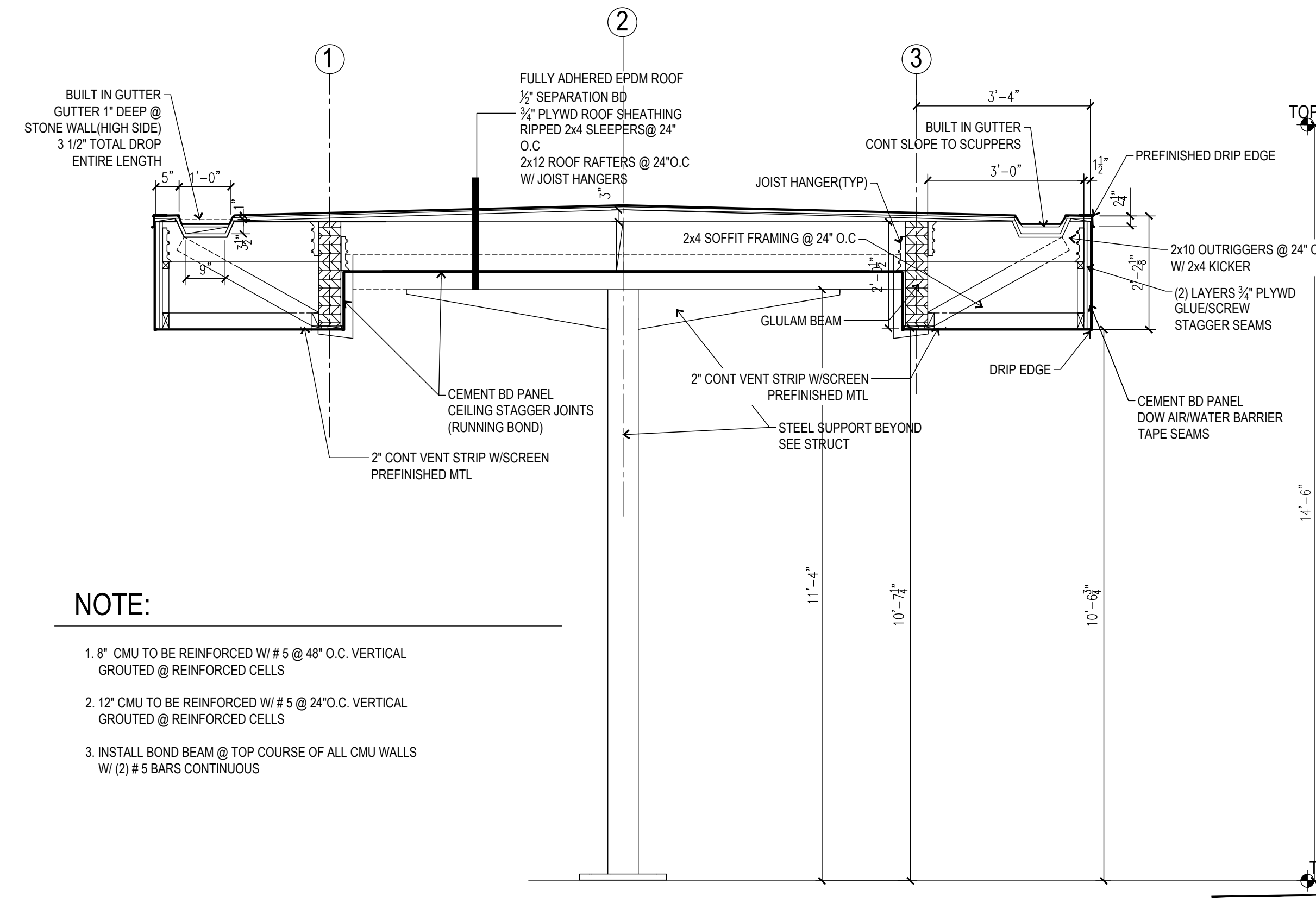


- NOTE:**
1. 8" CMU TO BE REINFORCED W/ #5 @ 48" O.C. VERTICAL GROUDED @ REINFORCED CELLS
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 3. INSTALL BOND BEAM @ TOP COURSE OF ALL CMU WALLS W/ (2) #5 BARS CONTINUOUS

2 BUILDING SECTION
3/8" = 1'-0"

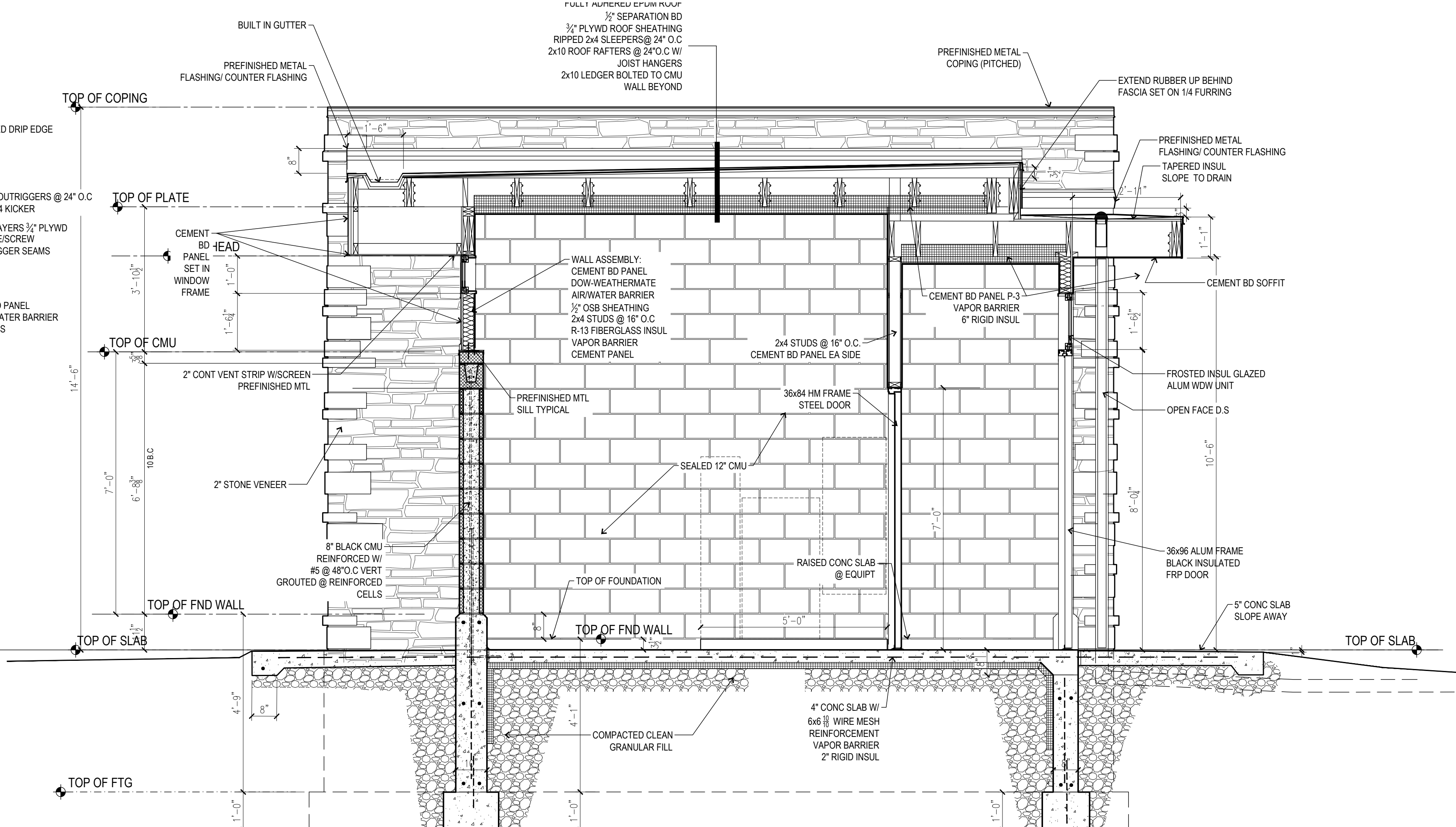


4 DETAIL @ WATER FOUNTAIN
1 1/2" = 1'-0"

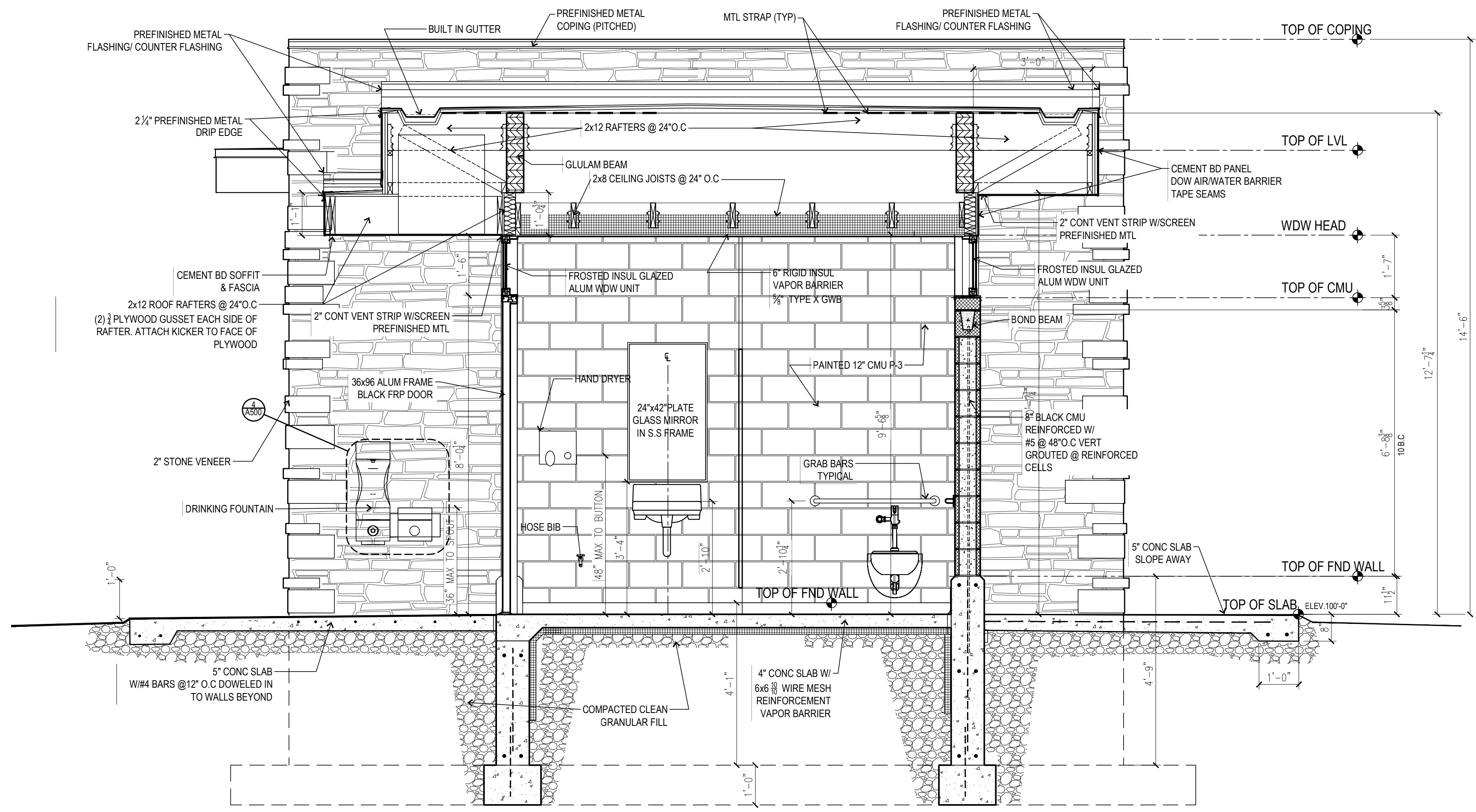


- NOTE:**
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 3. INSTALL BOND BEAM @ TOP COURSE OF ALL CMU WALLS W/ (2) #5 BARS CONTINUOUS

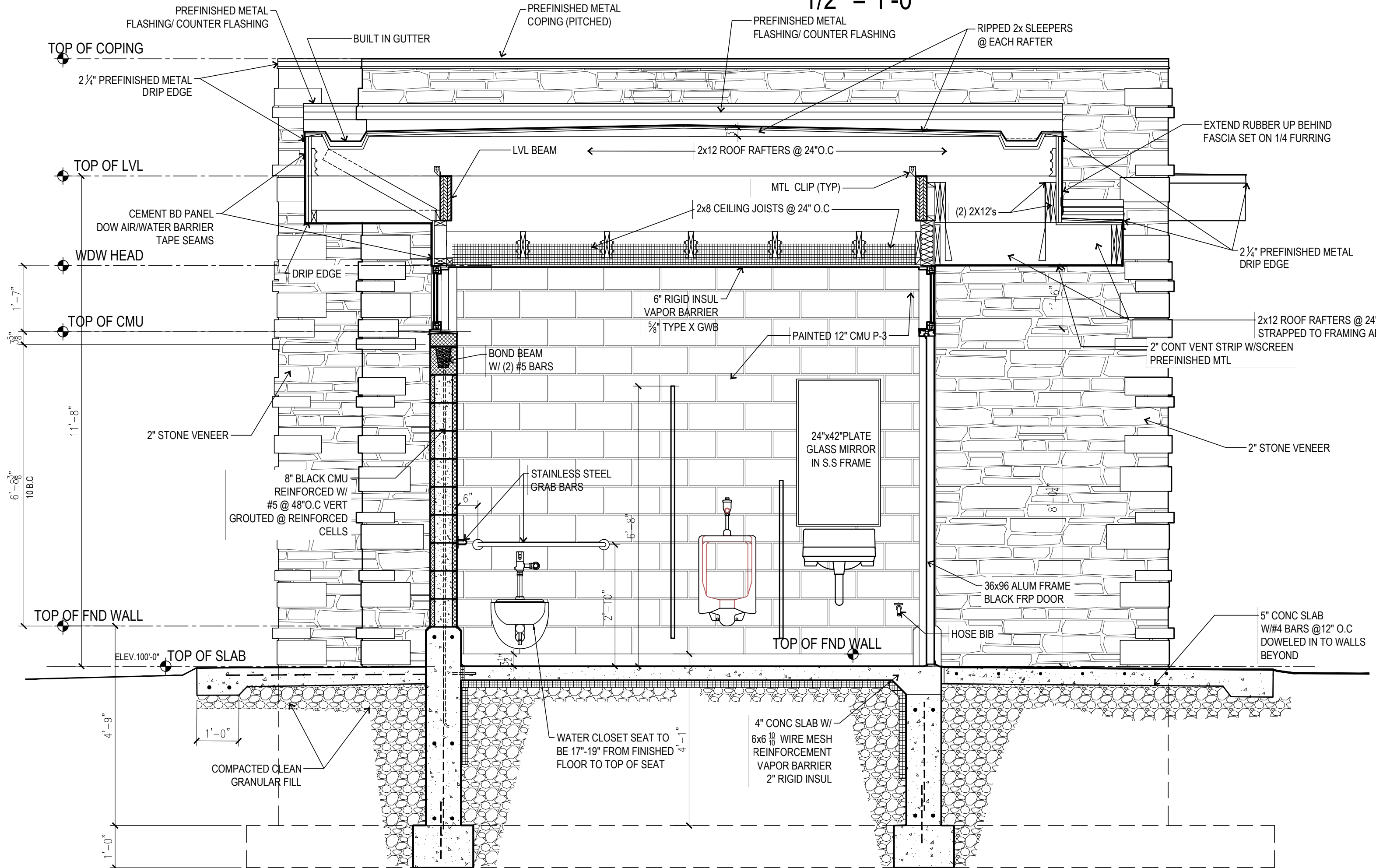
3 SECTION @ CANOPY
1/2" = 1'-0"



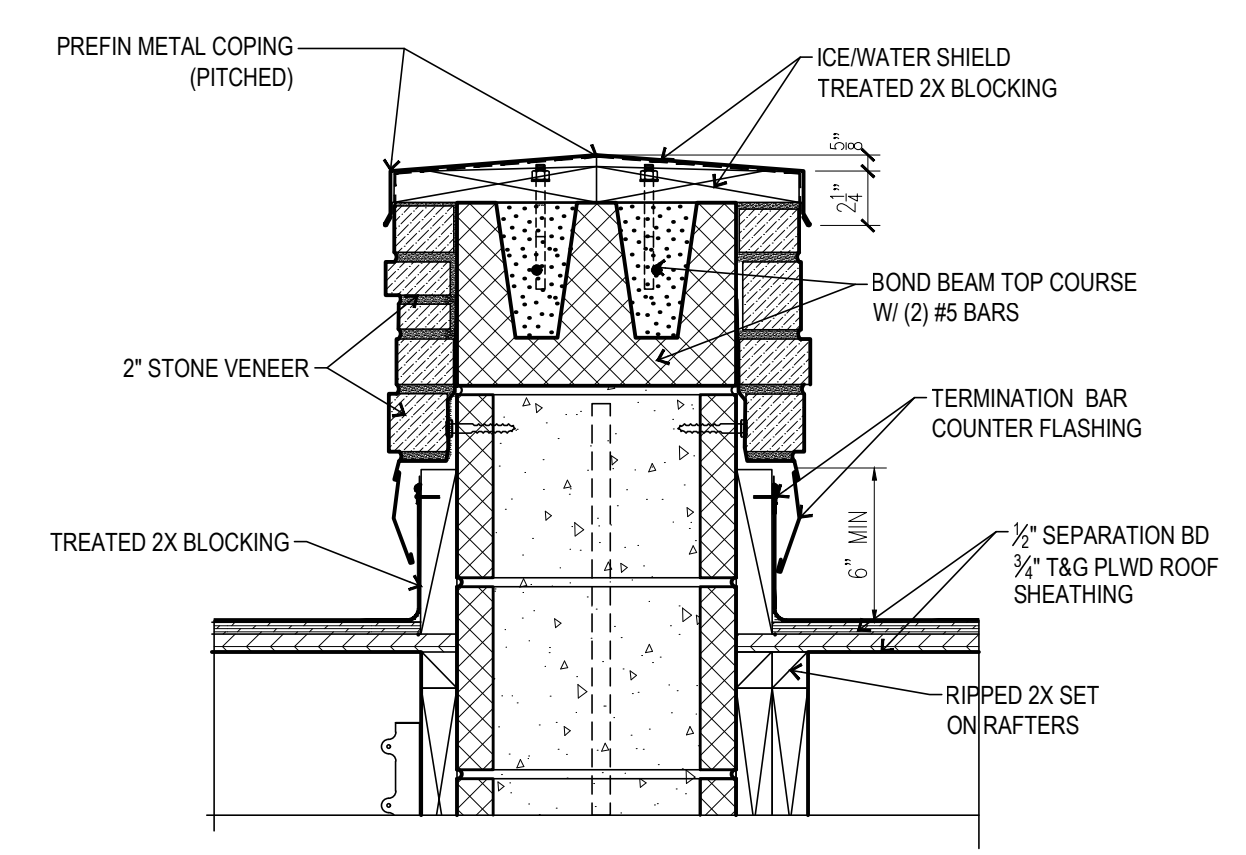
1 BUILDING SECTION @ MECH RM
1/2" = 1'-0"



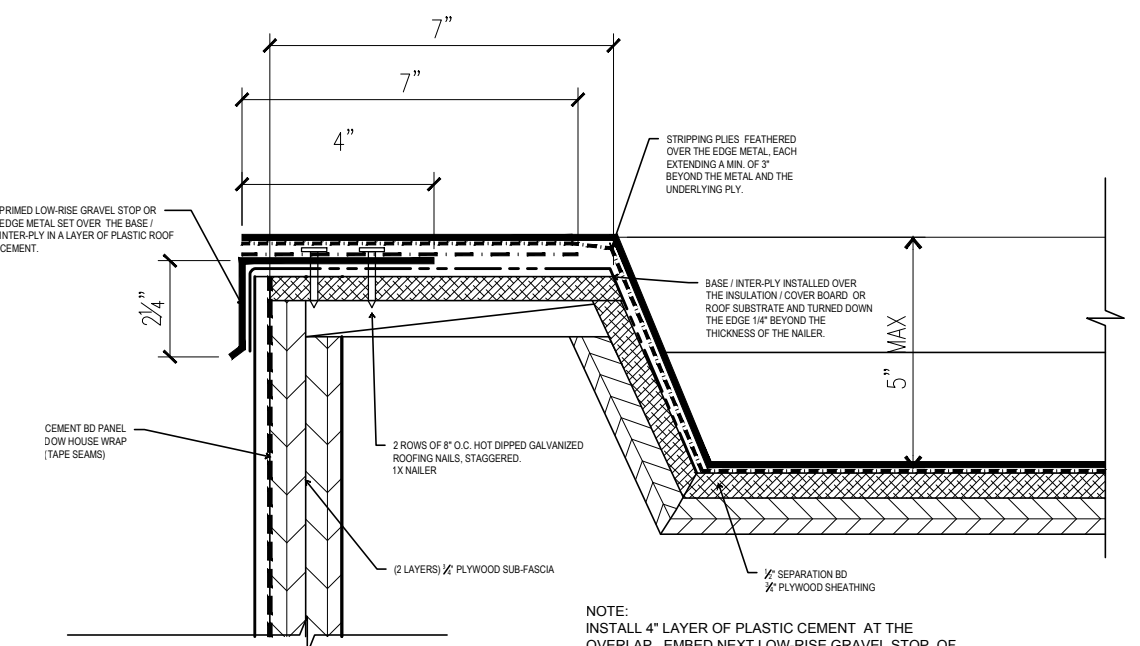
4 BUILDING SECTION @ WOMENS
1/2" = 1'-0"



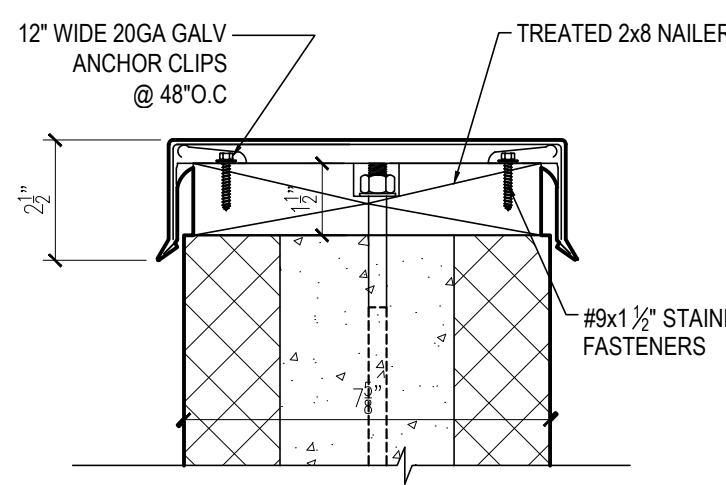
3 BUILDING SECTION @ MENS
1/2" = 1'-0"



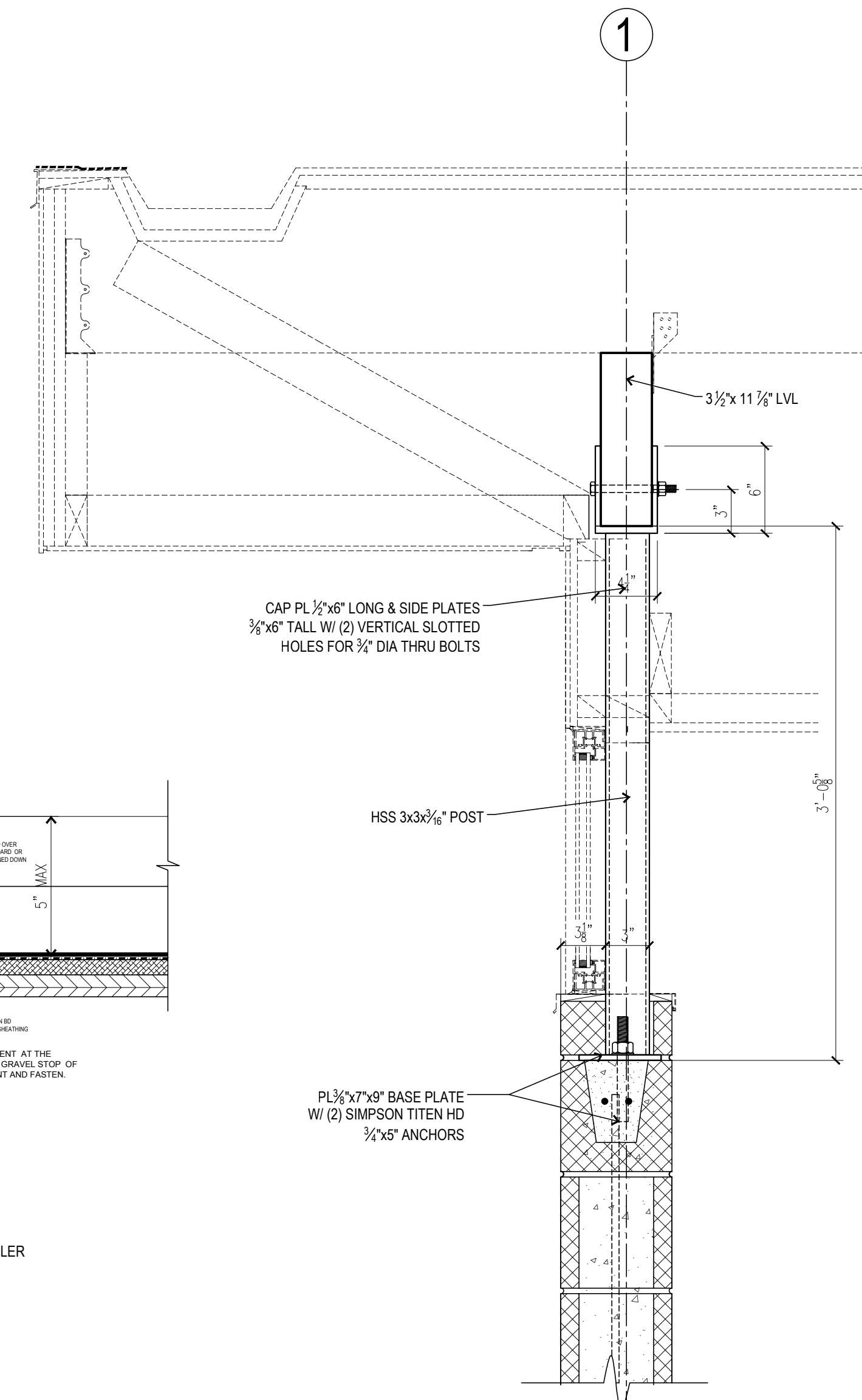
2A COPING DETAIL @ STONE WALL
1 1/2" = 1'-0"



C ROOF EDGE DETAIL
3" = 1'-0"



B COPING DETAIL @ WING WALL
3" = 1'-0"



1 STEEL COLUMN DTL @ EXT WALL
1 1/2" = 1'-0"

ISSUANCES:	
CDS	7.15.16
PROJECT:	
NUMBER:	151204.00
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REV:	
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