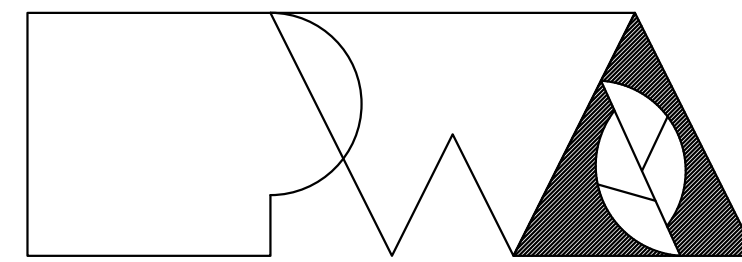


NEW COMFORT STATION AT SWINE PAVILION

Missouri State Fairgrounds (MSF)
Sedalia, Missouri



Peckham & Wright Architects, Inc., d.b.a.

PWArchitects, Inc.

2120 Forum Blvd., Ste 101
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Ph:(573) 449-2683
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OWNER: STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

DEPARTMENT OF AGRICULTURE
MISSOURI STATE FAIRGROUNDS

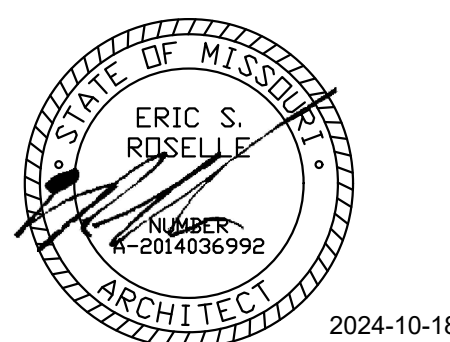
PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DESIGNER: PWArchitects, Inc.
2120 Forum Blvd., Ste. 101
Columbia, Missouri 65203

PROJECT NUMBER: F2406-01

SITE NUMBER: 1501
ASSET NUMBER: 3511501037

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION



2024-10-18

SHEET NUMBER:

G-001

1 OF 33 SHEETS
October 18, 2024

LIST OF ALTERNATES

A. ALTERNATE 1 - SHOWER ROOMS ADDITION

1. CONSTRUCT SHOWER ROOM ADDITION ON WEST END OF BUILDING.
2. TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE ALTERNATE 1 - WATER CLOSETS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE(S) AND DRAIN(S).
 - c. OWNER TO PROVIDE AND INSTALL ALL ALTERNATE 1 - TOILET ACCESSORIES.

B. ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES:

1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL PLUMBING FIXTURES TO INCLUDE WATER CLOSETS AND FLUSH VALVES, URINALS AND FLUSH VALVES, SHOWER VALVES, SHOWER HEADS, LAVATORIES, AND FAUCETS.
 - b. PROVIDE AND INSTALL TOILET ACCESSORIES AS NOTED IN THE "RESTROOM ACCESSORY SCHEDULE" INCLUDED ON SHEETS A-101, A-102, A-301, AND A-302.
2. **BASE BID:** TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE WATER CLOSETS, URINALS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE AND DRAIN.
 - c. OWNER TO PROVIDE AND INSTALL ALL TOILET ACCESSORIES.

C. ALTERNATE 3 - WATER HEATER, EXTERIOR LIGHTING, INTERIOR LIGHTING, TOILET PARTITIONS, EPOXY COATING:

1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL WATER HEATER WITH WALL KIT AS SHOWN AND NOTED ON SHEET P-101.
 - b. PROVIDE AND INSTALL ALL EXTERIOR AND INTERIOR LIGHT FIXTURES AS SHOWN AND NOTED ON SHEET E-101.
 - c. PROVIDE AND INSTALL HDPE TOILET COMPARTMENT DOOR/PILASTER ASSEMBLIES (INCLUDING HARDWARE), AS SHOWN ON SHEETS A-101 AND A-301.
 - d. PROVIDE AND INSTALL EPOXY WALL COATING PNT-01, AS SHOWN THE INTERIOR FINISH LEGEND ON SHEET A-601.
2. **BASE BID:**
 - a. PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-IN FOR FUTURE WATER HEATER AND WALL KIT TO BE INSTALLED BY OWNER; PROVIDE BLANK PLATE AT JUNCTION BOX; TEMPORARILY CAP PLUMBING PIPES.
 - b. PROVIDE ALL ELECTRICAL ROUGH-IN FOR FUTURE EXTERIOR AND INTERIOR LIGHT FIXTURES TO BE INSTALLED BY OWNER. PROVIDE BLANK PLATES AT JUNCTION BOXES.
 - c. DO NOT PROVIDE HDPE TOILET PARTITIONS.
 - d. CMU TO REMAIN EXPOSED; WALLS WILL BE FINISHED AND PAINTED BY OWNER.

D. ALTERNATE 4 - STANDING SEAM METAL ROOFING SYSTEM:

1. PROVIDE STANDING SEAM METAL ROOF AND ASSOCIATED FLASHING CHANGES.
2. **BASE BID:** TO INCLUDE COMPOSITION SHINGLE ROOF SYSTEM.

LIST OF DRAWINGS

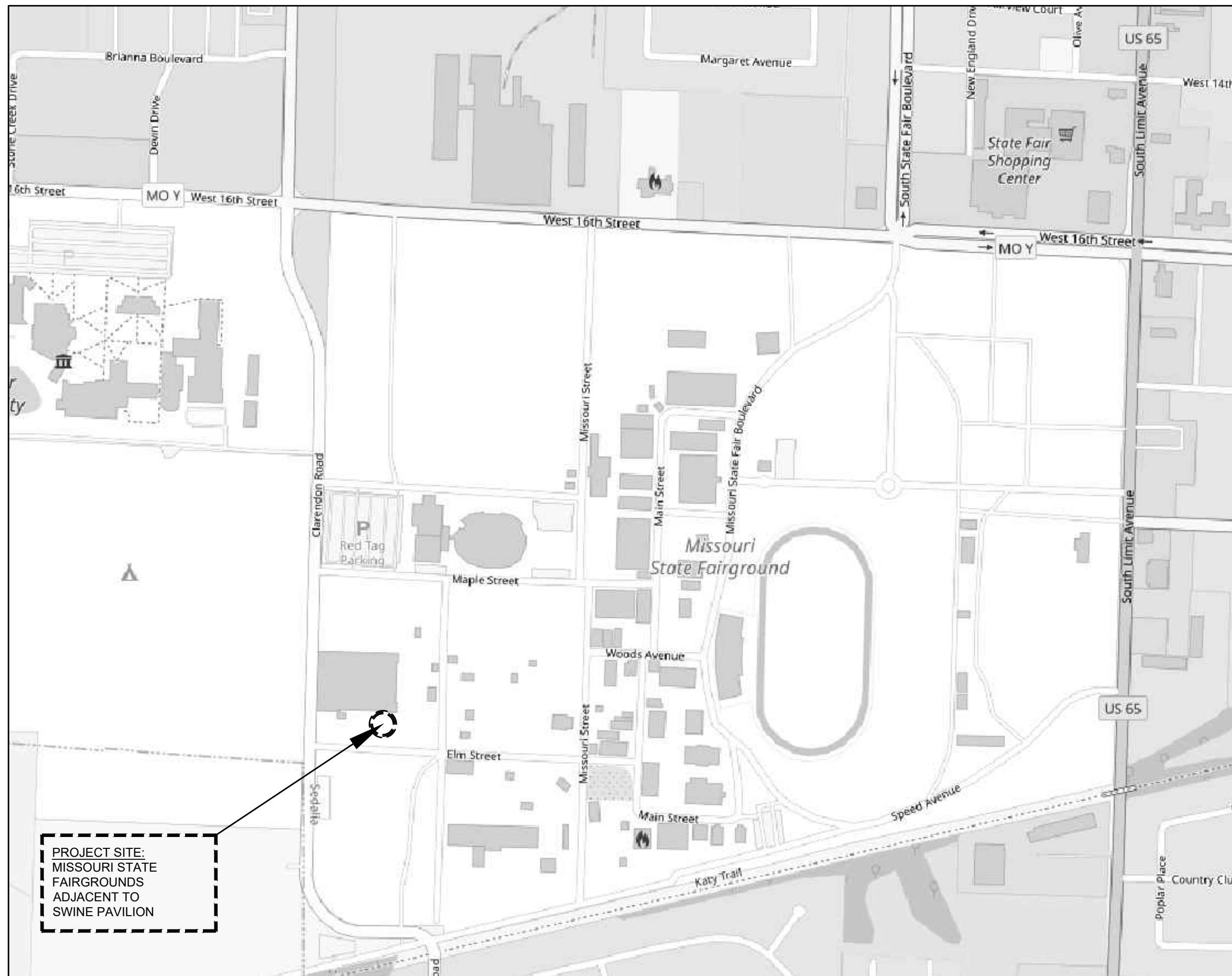
- G-001 COVER SHEET
- G-101 LOCATION PLAN, LEGENDS, DRAWING INDEX, LIFE SAFETY
- C-100 CIVIL PLAN COVER SHEET
- C-101 DEMOLITION, SITE & UTILITY PLAN
- C-102 EROSION CONTROL & GRADING PLAN
- C-103 STORM SEWER PLAN & PROFILE, AND STORM SEWER DETAILS
- C-104 CONSTRUCTION DETAILS
- C-105 ALTERNATE #1 - GRADING, SITE, AND STORM PROFILE PLAN
- S-100 GENERAL STRUCTURAL DATA
- S-200 FOUNDATION PLAN
- S-210 FOUNDATION DETAILS
- S-211 FOUNDATION DETAILS
- S-300 ROOF FRAMING PLAN
- S-310 ROOF FRAMING DETAILS
- S-311 TYPICAL MASONRY DETAILS
- A-101 FLOOR PLAN & DETAILS
- A-102 ALTERNATE 1: FLOOR PLAN & DETAILS
- A-110 ROOF PLANS & DETAILS
- A-120 REFLECTED CEILING PLANS & DETAILS
- A-201 ELEVATIONS & DETAILS
- A-202 ELEVATIONS & DETAILS
- A-301 SECTIONS & DETAILS
- A-302 SECTIONS & DETAILS
- A-303 SECTIONS & DETAILS
- A-601 SCHEDULES & DETAILS
- ME-101 MEP SITE UTILITIES PLAN
- M-101 HVAC PLAN
- E-101 POWER PLAN
- E-102 LIGHTING PLAN
- E-501 ELECTRICAL DETAILS & SCHEDULES
- P-101 SANITARY SEWER PLAN
- P-102 WATER PIPING PLAN
- P-501 PLUMBING DETAILS & SCHEDULES

Code Summary

Code Requirement		2018 International Building Code (IBC)
Main Use Group(s)	[IBC] 312	Utility U
Automatic Sprinklers	[IBC] 903.2	No
Minimum Construction Classification	[IBC] 602	Type 3B
Floor Area		
- Area (Square Feet) per Floor Permitted - 'U' use	[IBC] T. 506.2	8,500 SF (Non-sprinkled, NS)
- Area (Square Feet) per Floor		
- First Floor Total Area ('U' use)		1,184 SF (Includes Alternate 1)
Number of Stories		
- Stories Permitted - 'U'	[IBC] T. 504.4	2 Stories (Non-sprinkled, NS)
- Stories		1 Stories
Maximum Height		
- Max. Height (Ft.) Permitted - 'U'	[IBC] T. 504.3	55'-0" (Non-sprinkled, NS)
- Proposed Height (Ft.)		16'-6"
Travel Distance	[IBC] T. 1017.2	
- 'U' use		300'-0" Maximum (Non-sprinkled)

SPECIAL SCHEDULING REQUIREMENTS

1. SUBSTANTIAL COMPLETION DATE FOR BASE BID WORK IS JULY 15, 2025.
2. IF ALTERNATE 1 IS ACCEPTED:
 - SUBSTANTIAL COMPLETION DATE FOR BASE BID AND ALTERNATE 1 **SHELL** IS JULY 15, 2025.
 - SUBSTANTIAL COMPLETION DATE FOR THE REMAINING BUILDING WORK IS OCTOBER 31, 2025.
 - THE BUILDING SHELL MUST BE COMPLETE WITH DOOR HARDWARE INSTALLED BY JULY 15, 2025.
3. IF ANY OTHER ALTERNATES ARE ACCEPTED:
 - SUBSTANTIAL COMPLETION DATE FOR BASE BID AND ACCEPTED ALTERNATE(S) IS OCTOBER 31, 2025.
4. NO WORK DATES INCLUDE:
 - AUGUST 7, 2025 - AUGUST 17, 2025: MISSOURI STATE FAIR
 - NO WORK PERMITTED DURING THE PERIODS NOTED ABOVE EXCEPT BY PRIOR ARRANGEMENT WITH THE OWNER'S REPRESENTATIVE. THE JOB SITE MUST BE SECURED DURING THESE PERIODS.



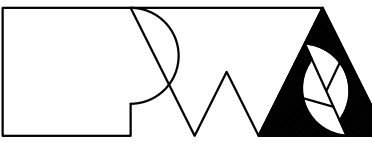
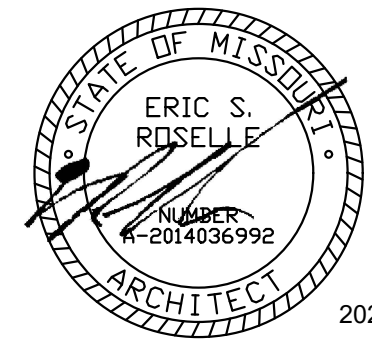
A1 LOCATION MAP
SCALE: N.T.S.

DRAWING BULLET WITH NORTH ARROW		GRID REFERENCE
	DRAWING TITLE SCALE: X/X" = 1'-0"	ARCH. SCALE
DRAWING BULLET WITHOUT NORTH ARROW		GRID REFERENCE
	DRAWING TITLE SCALE: X/X" = 1'-0"	ARCH. SCALE PAGE FIRST REFERENCED (IF APPLICABLE)
ELEVATION BULLETS	PLAN/ELEVATION DETAIL BULLET	
ONE ELEVATION		
PHOTO BULLETS	SECTION BULLET	
SCOPE OF WORK BULLET	NORTH ARROW	
DOOR MARK BULLET	COLUMN LINE BULLETS	
WINDOW MARK BULLET	SPOT ELEV. BULLETS	
REVISION NOTE BULLET		
GENERAL NOTE BULLET		
BENCHMARK BULLET		
		TC - TOP OF CURB TG - TOP OF GRADE TW - TOP OF WALL TP - TOP OF PAVING

A9 SYMBOL LEGEND
SCALE: N.T.S.

	LARGE SCALE	SMALL SCALE	
BRICK MASONRY UNIT			PLAN, SECTION
CONCRETE MASONRY UNIT			PLAN, SECTION
CONCRETE			PLAN, SECTION
GYPSUM BOARD			PLAN, SECTION
ROUTED AREA OF CURV/CURV/DOR FRAME			PLAN, SECTION
MISCELLANEOUS ITEMS: AS NOTED ON EACH SHEET			PLAN, SECTION, ELEVATION
INSULATION			PLAN, SECTION
ROOF SHINGLES			PLAN, ELEVATION
CONTINUOUS WOOD FRAMING			PLAN, SECTION
WOOD BLOCKING			PLAN, SECTION
PLYWOOD			PLAN, SECTION
EXISTING BUILDING			PLAN, SECTION

A13 MATERIAL LEGEND
SCALE: N.T.S.



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Peckham & Wright Architects an Architectural Corporation
Missouri State Certificate of Authority No. 000244

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

NEW COMFORT STATION
AT SWINE PAVILION

MISSOURI STATE
FAIRGROUNDS (MSF)
2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501037

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: G-101
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
LOCATION PLAN,
LEGENDS, DRAWING
INDEX, LIFE SAFETY

SHEET NUMBER:

G-101

2 OF 33 SHEETS
2024-10-18

MISSOURI STATE FAIRGROUNDS - COMFORT STATION AT SWINE PAVILION

SEDALIA, PETTIS COUNTY, MISSOURI

PROJECT BENCHMARK:

TM #1 - CHISELED SQUARE AT THE SOUTHEAST CORNER OF THE EXISTING TRANSFORMER PAD LOCATED AT THE SOUTHEAST CORNER OF THE SWINE PAVILION ELEVATION = 884.90'

FLOOD PLAIN STATEMENT:

NO PART OF THIS TRACT IS LOCATED WITHIN THE 500-YEAR FLOODPLAIN AS PER THE CITY OF SEDALIA FIRM MAP #2902830001C DATED 01/05/1996.

UTILITY COMPANIES:

LOCATES:

MISSOURI ONE CALL INC.
1022 B NORTHEAST DRIVE
JEFFERSON CITY, MO 65109
1-800-344-7483



TELEPHONE:

CHARTER COMMUNICATIONS
210 W. 7TH STREET
SEDALIA, MO 65301
866-874-2398

NATURAL GAS:

LIBERTY UTILITIES
602 S JOPLIN AVE
JOPLIN, MO 64801
1-800-424-0427

CABLE TELEVISION:

AT&T
5903 E. RED BRIDGE ROAD
KANSAS CITY, MO 64134
877-219-3898

WATER:

SEDALIA WATER DEPARTMENT
111 WEST 4TH STREET
SEDALIA, MO 65301
660-826-1234

SANITARY SEWER:

CITY OF SEDALIA
200 SOUTH OSAGE AVE.
SEDALIA, MO 65301
660-827-3000

ELECTRIC:

MISSOURI STATE FAIRGROUNDS CONTRACTOR
660-530-5617

GENERAL NOTES:

ALL STREET, STORM DRAIN, AND SANITARY SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF SEDALIA AND MISSOURI STATE FAIRGROUND'S GUIDANCE AND SPECIFICATIONS.

CONTRACTOR WILL BE RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF TRAFFIC CONTROL DEVICES NECESSARY TO COMPLETE THEIR PORTION OF WORK. THE DEVICES AND METHODS EMPLOYED WILL COMPLY WITH THE CURRENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

EXISTING UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE LOCATES (HORIZONTAL AND VERTICAL) PRIOR TO ANY EXCAVATION.

ALL EXCAVATION TO BE IN ACCORDANCE WITH SECTIONS 319.010-319.050, REVISED STATUTES OF THE STATE OF MISSOURI. SUCH COMPLIANCE SHALL NOT, HOWEVER, EXCUSE ANY PERSON MAKING ANY EXCAVATION FROM DOING SO IN A CAREFUL AND PRUDENT MANNER, NOR SHALL IT EXCUSE SUCH PERSON FROM LIABILITY FOR ANY DAMAGE OR INJURY TO UNDERGROUND UTILITIES RESULTING FROM THE EXCAVATION.

A GEOTECHNICAL EVALUATION HAS BEEN PERFORMED BY CROCKETT GEOTECHNICAL TESTING LAB (GTL). REFER TO REPORT NUMBER G241077 DATED JUNE 27TH, 2024 BY CROCKETT GTL.

ALL SLOPES ARE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.

IT IS THE INTENT OF THESE PLANS TO COMPLY WITH THE REQUIREMENTS OF THE MOENR CLEAN WATER COMMISSION.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL DEVICES AND REMOVING THEM ONCE THE SITE IS STABILIZED.

CONTRACTOR TO FINE-GRADE, SEED, AND MULCH ALL DISTURBED AREAS WITHIN THE LIMITS OF DISTURBANCE

ALL SERVICE LATERALS SHALL BE INSTALLED AT 1.0% (MIN.) GRADE.

ALL EXCAVATION WITHIN 10' OF THE STREET PAVEMENT SHALL BE BACKFILLED WITH GRANULAR MATERIAL. REFER TO PIPE EMBEDMENT DETAILS.

ALL SEWERLINES SHALL BE CONSTRUCTED AT LEAST 10 FEET HORIZONTALLY, EDGE TO EDGE, FROM ANY WATERLINE AND AT LEAST 24 INCHES VERTICALLY BETWEEN THE OUTSIDE LIMITS OF THE SANITARY SEWER AND WATERLINE. FOR CONDITIONS OTHER THAN THOSE IDENTIFIED ABOVE, CONTACT THE ENGINEER FOR SPECIFIC INSTRUCTIONS.

ALL HDPE PIPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. REFER TO DETAIL FOR PIPE BEDDING REQUIREMENTS.

LAND DISTURBANCE SITES SHOULD BE INSPECTED ON A REGULAR SCHEDULE AND WITHIN A REASONABLE TIME PERIOD (NOT TO EXCEED 48 HOURS) FOLLOWING HEAVY RAINS. REGULARLY SCHEDULED INSPECTIONS SHALL BE AT A MINIMUM OF ONCE PER WEEK. ANY DEFICIENCIES SHALL BE NOTED IN A WEEKLY REPORT OF THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE REPORT.

ALL UTILITY LINES SHALL BE BACKFILLED W/ GRANULAR AND COMPACTED EARTH BACKFILL.

ESTIMATED AREA OF DISTURBANCE IS 0.40 ACRES.

MISSOURI DNR LAND DISTURBANCE PERMIT NOT REQUIRED.

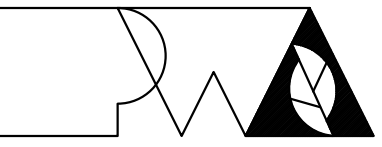
LEGEND OF SYMBOLS:

----	EXISTING CURB	FF-XXXX	FINISH FLOOR OF STRUCTURE
=====	PROPOSED CURB	XXXX.XX TC	PROPOSED TOP OF CURB ELEVATION
█	RIP RAP	XXXX.XX TP	PROPOSED TOP OF PAVEMENT ELEVATION
□	EXISTING STRUCTURE	XXXX.XX FB	PROPOSED FINISH GRADE ELEVATION
~~~~~	EXISTING TREETLINE	XXXX.XX TW	PROPOSED TOP OF WALL
~~~~~	PROPOSED TREETLINE	XX	LOT NUMBER
—○○—	EDGE OF WATERWAY	X	STORM SEWER STRUCTURE LABEL
--- W ---	EXISTING WATERLINE	X	SANITARY SEWER STRUCTURE LABEL
— W —	PROPOSED WATERLINE	HP.	HIGH POINT
--- G ---	EXISTING GAS LINE	LP.	LOW POINT
— G —	PROPOSED GAS LINE	—	EXISTING SIGNS
--- UT ---	EXISTING UNDERGROUND TELEPHONE	⊘	EXISTING POWER POLE
--- UV ---	EXISTING UNDERGROUND CABLE TELEVISION	⊗	EXISTING GAS VALVE
--- HVE ---	EXISTING HIGH VOLTAGE ELECTRIC	⊕	EXISTING WATER VALVE
--- OE ---	EXISTING OVERHEAD ELECTRIC	⊙	EXISTING GAS METER
--- UE ---	EXISTING UNDERGROUND ELECTRIC	⊚	EXISTING WATER METER
--- OEV ---	EXISTING OVERHEAD ELEC. & TV	⊛	EXISTING FIRE HYDRANT
--- OEV ---	EXISTING OVERHEAD ELEC., TV & TELE.	⊜	MANHOLE
--- S ---	EXISTING SANITARY SEWER	→	EXISTING SANITARY SEWER LATERAL
— S —	PROPOSED SANITARY SEWER	→	PROPOSED SANITARY SEWER LATERAL
—■—	EXISTING MINOR CONTOUR	⊙	PROPOSED TRACER WIRE TEST STATION BOX
—■—	EXISTING MAJOR CONTOUR	⊚	EXISTING AIR CONDITIONER
—■—	PROPOSED MINOR CONTOUR	⊛	EXISTING TELEPHONE PEDESTAL
—■—	PROPOSED MAJOR CONTOUR	⊜	EXISTING ELECTRICAL TRANSFORMER
TTTTTTTT	100 YEAR FLOOD PLAIN	⊞	EXISTING ELECTRIC METER
TTTTTTTT	FLOODWAY	⊟	EXISTING LIGHT POLE
————	ORDINARY HIGH WATER MARK	→	EXISTING GUY WIRE
————	STREAM SIDE BUFFER		
————	OUTER STREAM BUFFER		
> > >	SWALE		

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



KYLE R. MILLER
MO LICENSE-2017019013



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Missouri Certificate of Authority
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REVISION: _____
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CAD DWG FILE: C-100
DRAWN BY: KRM
CHECKED BY: TDC
DESIGNED BY: KRM

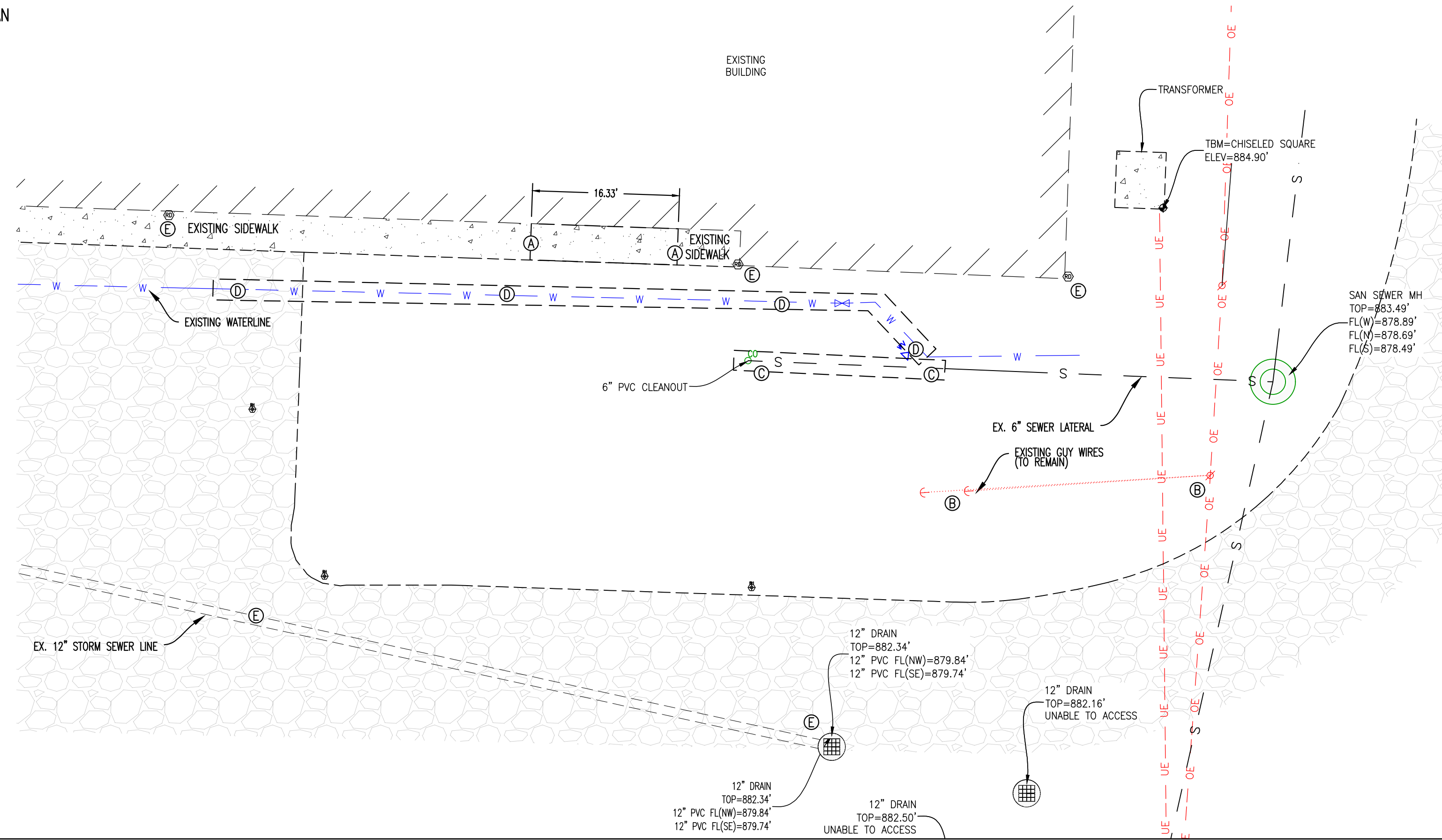
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CIVIL PLAN
COVER SHEET

SHEET NUMBER:

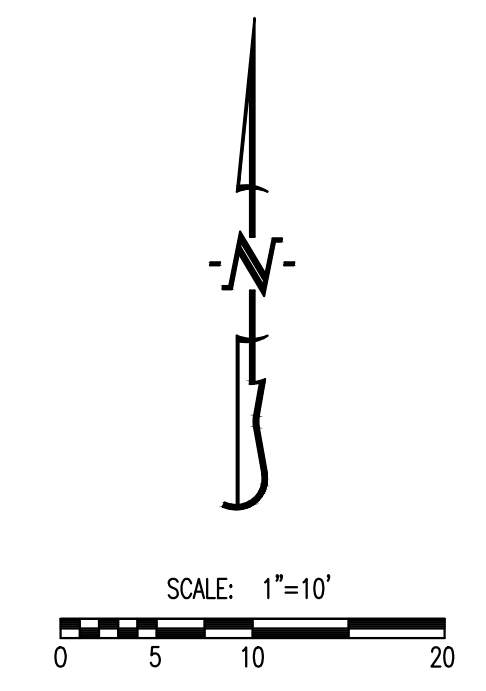
C-100

3 OF 33 SHEETS
2024-10-18

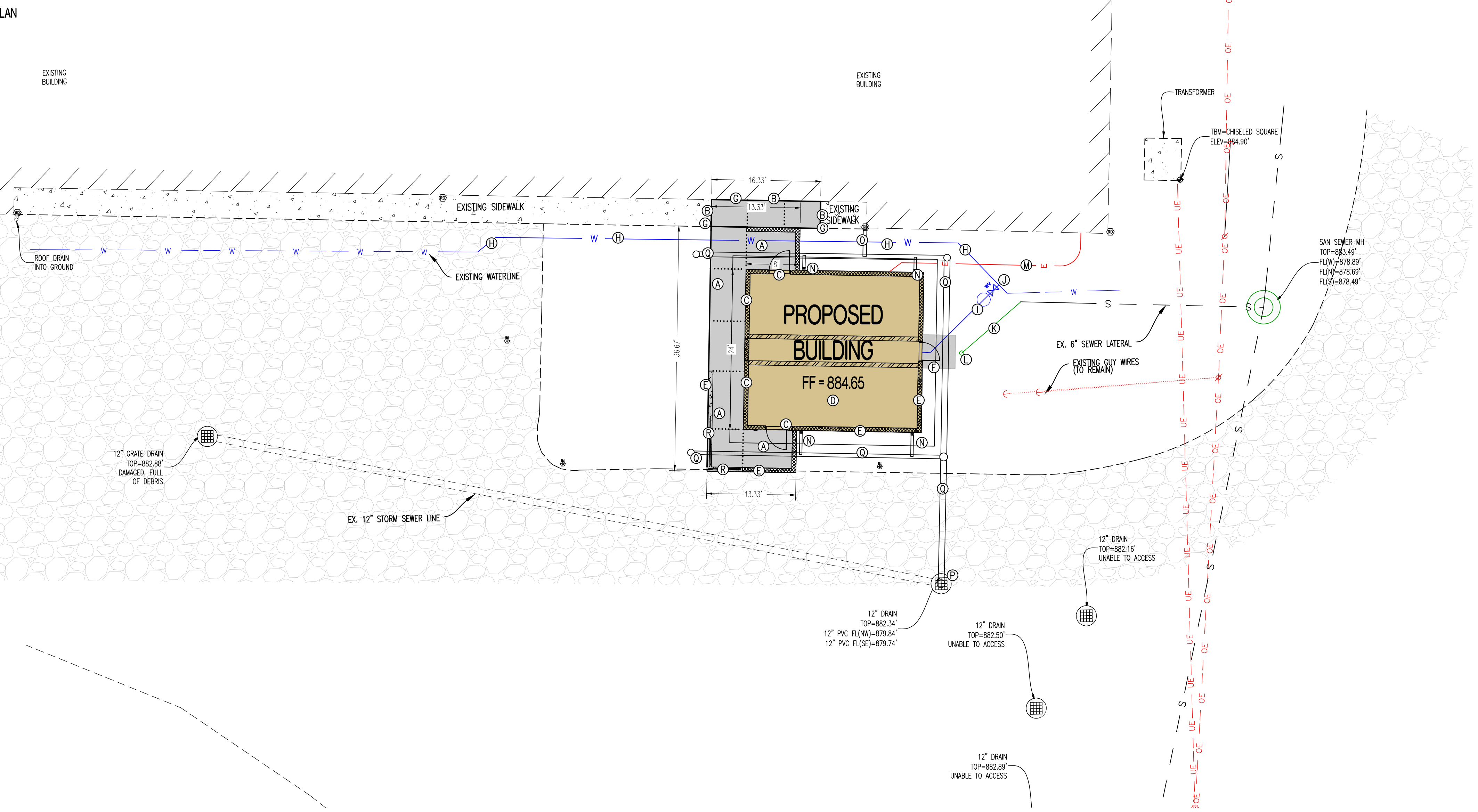
DEMOLITION PLAN



- LEGEND OF LABELS**
- (A) EXISTING CONCRETE INSIDE DASHED LINES TO BE REMOVED. ALL REMAINING SIDEWALK TO REMAIN.
 - (B) ELECTRIC POLE AND GUY WIRE TO REMAIN.
 - (C) 6" PVC CLEANOUTS AND 22' OF SEWER LATERAL TO BE REMOVED. CONTRACTOR TO VERIFY NO OTHER LATERALS CONNECT TO BE BEING REMOVED. IF SO, RELOCATE AS REQUIRED.
 - (D) 82 FEET OF EXISTING WATERLINE TO BE RELOCATED. EXISTING LINE TO BE REMOVED AS SHOWN AS IT WILL BE UNDER PROPOSED BUILDING. EXISTING GATE VALVE CAN BE REUSED. SEE UTILITY PLAN AT THE BOTTOM OF THIS SHEET FOR RELOCATION LOCATION.
 - (E) CONTRACTOR TO TAKE CAUTION TO PROTECT ALL EXISTING STORM SEWER LATERAL AND ROOF DRAINS.



SITE AND UTILITY PLAN



- LEGEND OF LABELS**
- (A) CONSTRUCT 5" THICK, REINFORCED, CONCRETE SIDEWALK WITH DIMENSIONS AS SHOWN. REFER TO SHEET C-102 FOR SPOT ELEVATIONS. REFER TO CONCRETE CROSS-SECTIONS ON C-104. ALL CONCRETE TO BE ADA COMPLIANT. (MAXIMUM SLOPE OF THE PAVEMENT SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.). CONTRACTOR TO ENSURE ALL NEW PAVEMENT HAS STORMWATER RUNOFF THAT FLOWS AWAY FROM BUILDING.
 - (B) INSTALL 1/2" EXPANSION JOINT. BETWEEN EXISTING CONCRETE AND NEW CONCRETE.
 - (C) INSTALL 1/2" EXPANSION JOINT BETWEEN NEW CONCRETE AND BUILDING FOUNDATION.
 - (D) PROPOSED NEW COMFORT STATION BUILDING. REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS AND STRUCTURAL PLANS FOR FOUNDATION AND LVC INFORMATION.
 - (E) INSTALL STEM WALL ALONG SOUTH PORTION OF BUILDING. SEE SHEET C-102 FOR ELEVATIONS AND STRUCTURAL PLAN SHEETS FOR DETAILS.
 - (F) INSTALL 5'x5' PAD OUTSIDE OF EAST DOOR. REFER TO CONCRETE CROSS SECTION ON C-104.
 - (G) CONTRACTOR TO CONNECT NEW CONCRETE BY DOWELING INTO EXISTING CONCRETE SIDEWALK USING 18" LONG #4 BARS ON 18" CENTERS. SEE CONSTRUCTION JOINT DETAIL ON C-104.
 - (H) RELOCATED APPROXIMATELY 85' OF WATER LINE AROUND BUILDING AS SHOWN WITH BENDS. CONTRACTOR TO VERIFY AND USE SAME SIZE LINE.
 - (I) INSTALL WATER METER PIT, ADD A 2.5"x2.5" TEE FOR CONNECTION, & APPROPRIATE HOSE BIBB WITH VALVE TO BE ABLE TO DRAIN WATERLINE. ALSO ADD A 2.5" VALVE ON THE INCOMING SIDE OF THE LINE TO PROVIDE SHUTOFF FEATURE IF SUCH VALVE IS NOT ADDED AT THE CONNECTION. WATER TO GRAVITY DRAIN INTO PIT.
 - (J) INSTALL TEE CONNECTION WITH GATE VALVE IN BOX TO SURFACE AND EXTEND 2.5" WATERLINE FROM RELOCATED WATERLINE TO BUILDING AS SHOWN. REFER TO MEP PLANS FOR DETAILS AND BUILDING ENTRANCE LOCATION.
 - (K) INSTALL 12" OF 4" SANITARY SEWER LATERAL. LATERAL TO BE INSTALLED AT 1% MIN. GRADE. CONNECT TO EXISTING LATERAL AS SHOWN.
 - (L) INSTALL 4" STANDARD SANITARY SEWER CLEANOUT 6" OUTSIDE OF PROPOSED BUILDING. FLOWLINE AT CLEANOUT TO BE 36" BELOW FINISHED GRADE
 - (M) PROPOSED ELECTRICAL ROUTE. REFER TO MEP PLANS FOR MORE DETAILS. CONTRACTOR TO INSTALL 1-1/4" CONDUIT FOR ELECTRIC SERVICE.
 - (N) INSTALL 4" DOWNSPOUT PIPE TO CONNECTOR STORM PIPE.
 - (O) INSTALL 6" ROOF DRAIN DOWNSPOUT PIPE FROM SWINE BUILDING AND WYE INTO CONNECTOR STORM PIPE.
 - (P) CONNECT PROPOSE STORM SEWER LINE INTO EXISTING STORM DRAIN. CORE FOR CONNECTION AND GROUT OPENING CLOSED.
 - (Q) PROPOSED STORM SEWER LINE. REFER TO SHEET C-103 FOR PROFILE AND DETAILS.
 - (R) INSTALL PEDESTRIAN GUARDRAIL ON TOP OF WALL. REFER TO ARCHITECTURAL DRAWINGS FOR RAIL INFORMATION.

- GENERAL NOTES:**
- 1) EXISTING UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE LOCATES (HORIZONTAL AND VERTICAL) PRIOR TO ANY EXCAVATION.
 - 2) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACQUIRE ALL EXISTING UTILITY LOCATES PRIOR TO CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ANY DAMAGED OR BROKEN UTILITIES TO ORIGINAL OR BETTER CONDITION.
 - 3) ALL UTILITY LINES SHALL BE BACKFILLED WITH GRANULAR AND COMPACTED EARTH BACKFILL.
 - 4) THE PAVEMENT JOINTS SHOWN ARE A GRAPHICAL REPRESENTATION OF A POSSIBLE JOINT LAYOUT. CONTRACTOR TO PROVIDE SHOP DRAWINGS WITH JOINT LAYOUT FOR APPROVAL BY ENGINEER PRIOR TO POURING OF PAVEMENT.
 - 5) ALL DOWNSPOUTS TO BE CONNECTED TO STORMWATER COLLECTOR UNDER DRAINS.
 - 6) PROVIDE 1/2" EXPANSION JOINT WITH REMOVABLE CAULK STRIP ANYWHERE CONCRETE PAVING OR SIDEWALK ABOUT THE BUILDING. PROVIDE LIMESTONE COLOR ELASTOMERIC JOINT SEALANT

STATE OF MISSOURI
MICHAEL L. PARSON,
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OFFICE OF
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CONSTRUCTION

NEW COMFORT STATION
AT SWINE PAVILION

MISSOURI STATE
FAIRGROUNDS (MSF)
2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501146

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: C-101
DRAWN BY: KM
CHECKED BY: TC
DESIGNED BY: KM

SHEET TITLE:
**DEMOLITION, SITE &
UTILITY PLAN**

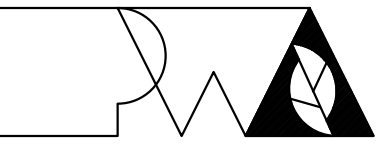
SHEET NUMBER:

C-101

4 OF 33 SHEETS
2024-10-18



KYLE R. MILLER
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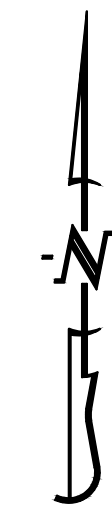
CAD DWG FILE: C-102
DRAWN BY: KM
CHECKED BY: TC
DESIGNED BY: KM

SHEET TITLE:
**EROSION CONTROL &
GRADING PLAN**

SHEET NUMBER:

C-102

5 OF 33 SHEETS
2024-10-18



SCALE: 1"=10'
0 5 10 20

GRADING - LEGEND OF SYMBOLS:

- XXX--- EXISTING MINOR CONTOUR
- - - - - EXISTING MAJOR CONTOUR
- XXX--- PROPOSED MINOR CONTOUR
- - - - - PROPOSED MAJOR CONTOUR
- FF-XXXX FINISHED FLOOR OF STRUCTURE
- (XXX.XX TP) PROPOSED TOP OF PAVEMENT ELEVATION
- (XXX.XX FG) PROPOSED FINISH GRADE ELEVATION
- (XXX.XX FF) PROPOSED FINISH FLOOR AT DOOR
- (XXX.XX TW) PROPOSED FINISHED GRADE AT TOP OF WALL
- (XXX.XX EX TP) EXISTING TOP OF PAVEMENT ELEVATION

GRADING - LEGEND OF LABELS

- (A) FINE GRADE AS SHOWN BY PROPOSED CONTOURS. PLACE MINIMUM OF 6" TOP SOIL.
- (B) INSTALL PAVEMENT WITH GRADES AS SHOWN TO MEET ADA COMPLIANCE.
- (C) GRADE ADJACENT SIDE YARD WITH SMALL SWALE TO DRAIN WATER AWAY FROM BUILDING AND TO INLET.
- (D) REFER TO STRUCTURAL DETAILS FOR LVC MATERIAL.
- (E) INSTALL STEM WALL ALONG SOUTH SIDE OF BUILDING AS SHOWN. SEE STRUCTURAL DETAILS FOR WALL INFORMATION.

GRADING - GENERAL NOTES

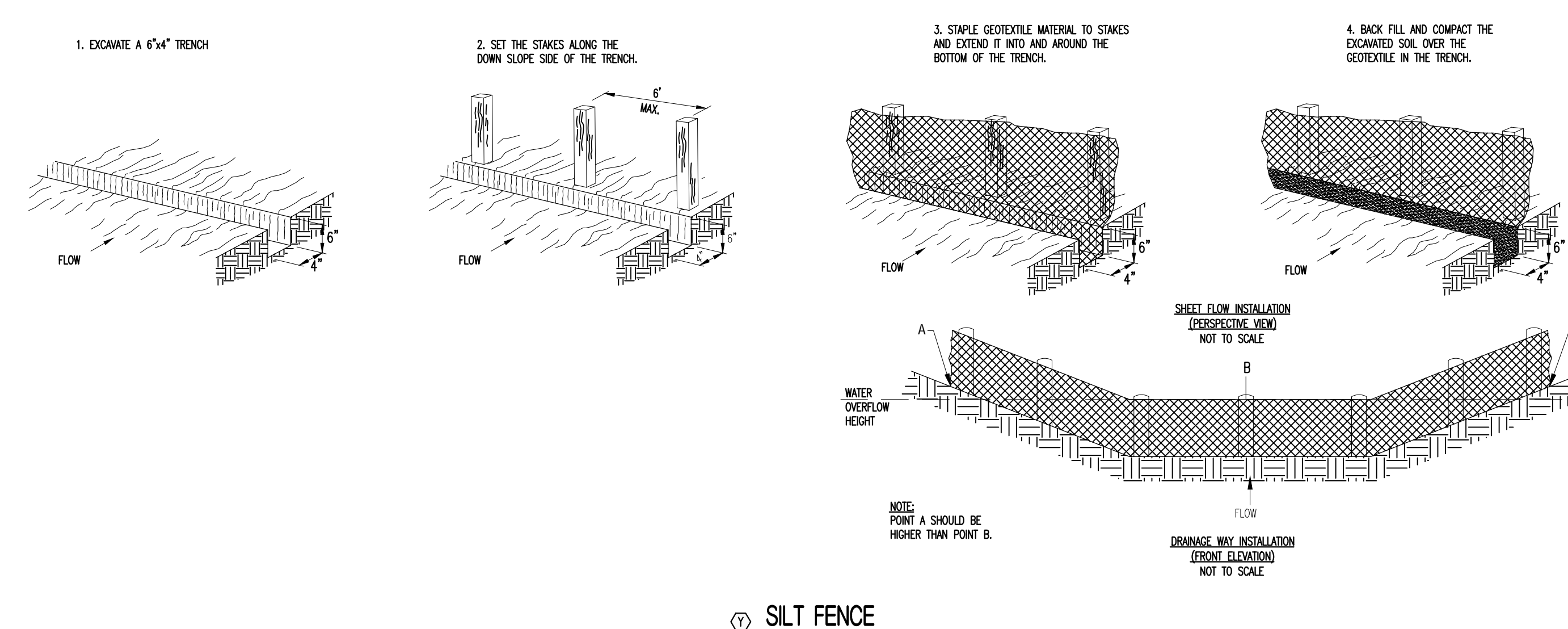
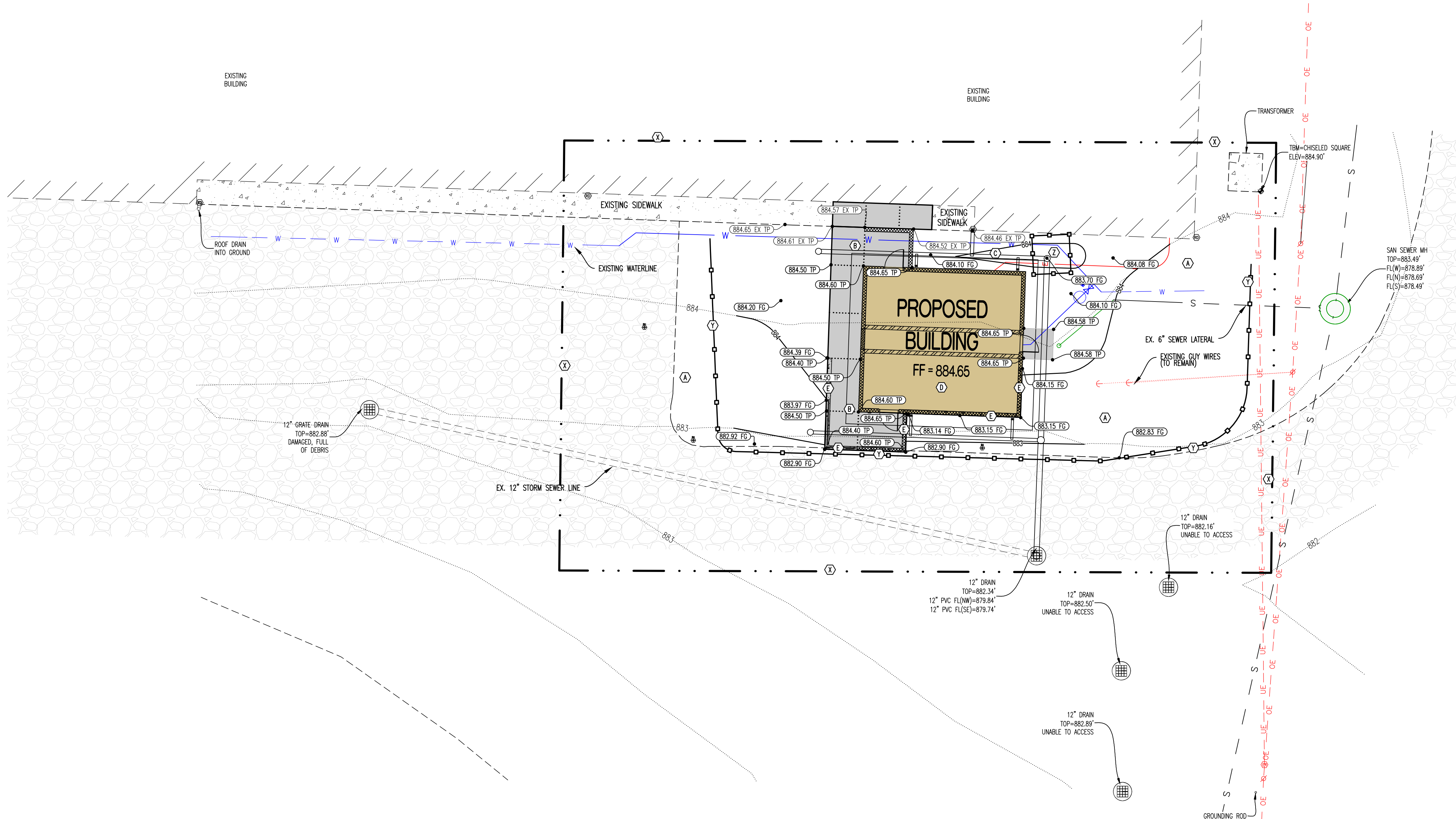
- 1) FINISHED GRADE OUTSIDE OF BUILDING TO BE 6" BELOW FINISHED FLOOR ELEVATION.
- 2) ALL PAVEMENT TO BE ADA COMPLIANT(SLOPE OF THE PAVEMENT AT ALL ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.)
- 3) ALL STORMWATER RUNOFF TO BE GRADES TO FLOW AWAY FROM BUILDING AND DIRECTED TO THE SOUTH.

EROSION CONTROL - LEGEND OF SYMBOLS:

- (X) - - - - - LIMITS OF DISTURBANCE
- (Y) [Symbol] SILT FENCE

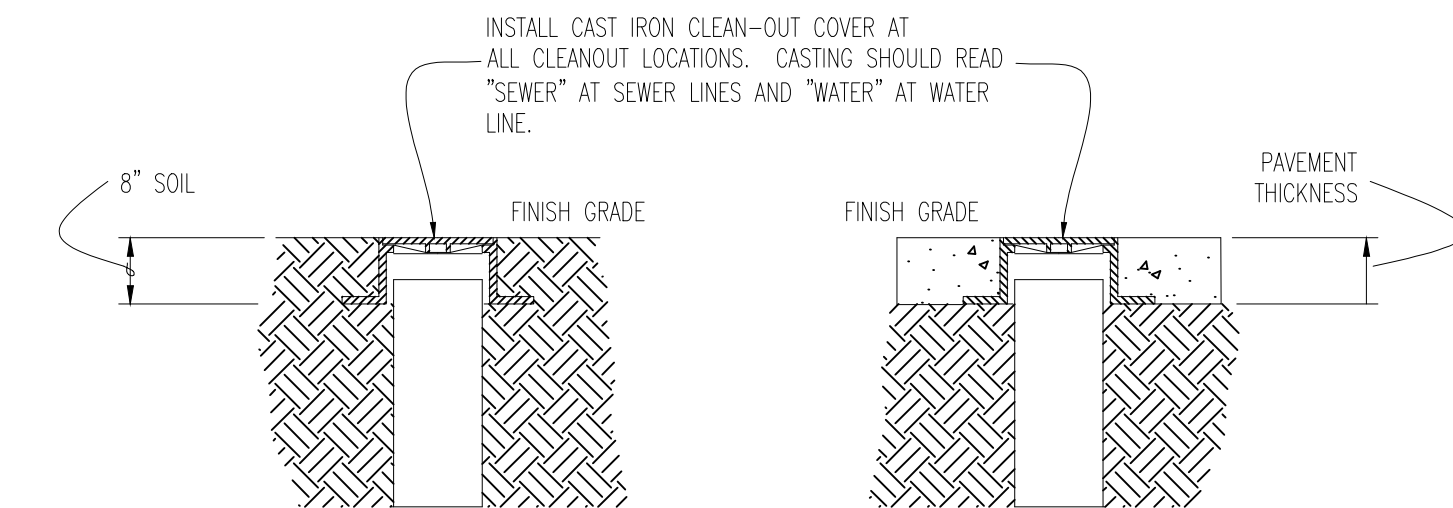
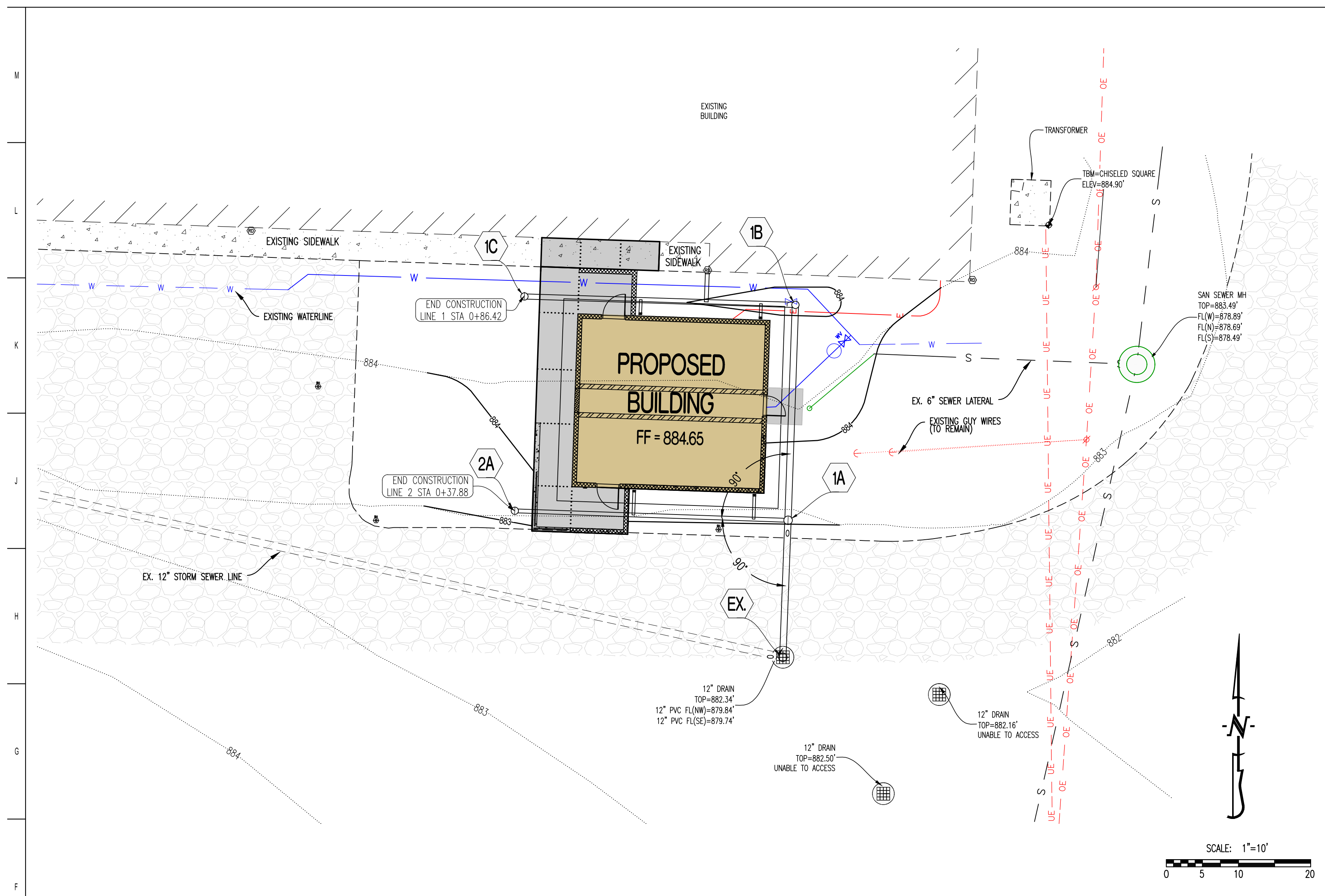
EROSION CONTROL - LEGEND OF LABELS

- (X) PROJECT'S LIMITS OF DISTURBANCE. ESTIMATED AREA OF DISTURBANCE IS 0.40 ACRES.
- (Y) INSTALL SILT FENCE AS SHOWN. REFER TO DETAIL ON THIS SHEET.
- (Z) WRAP SILT FENCE AROUND INLET FOR INLET PROTECTION AS SHOWN. REFER TO DETAIL ON THIS SHEET.

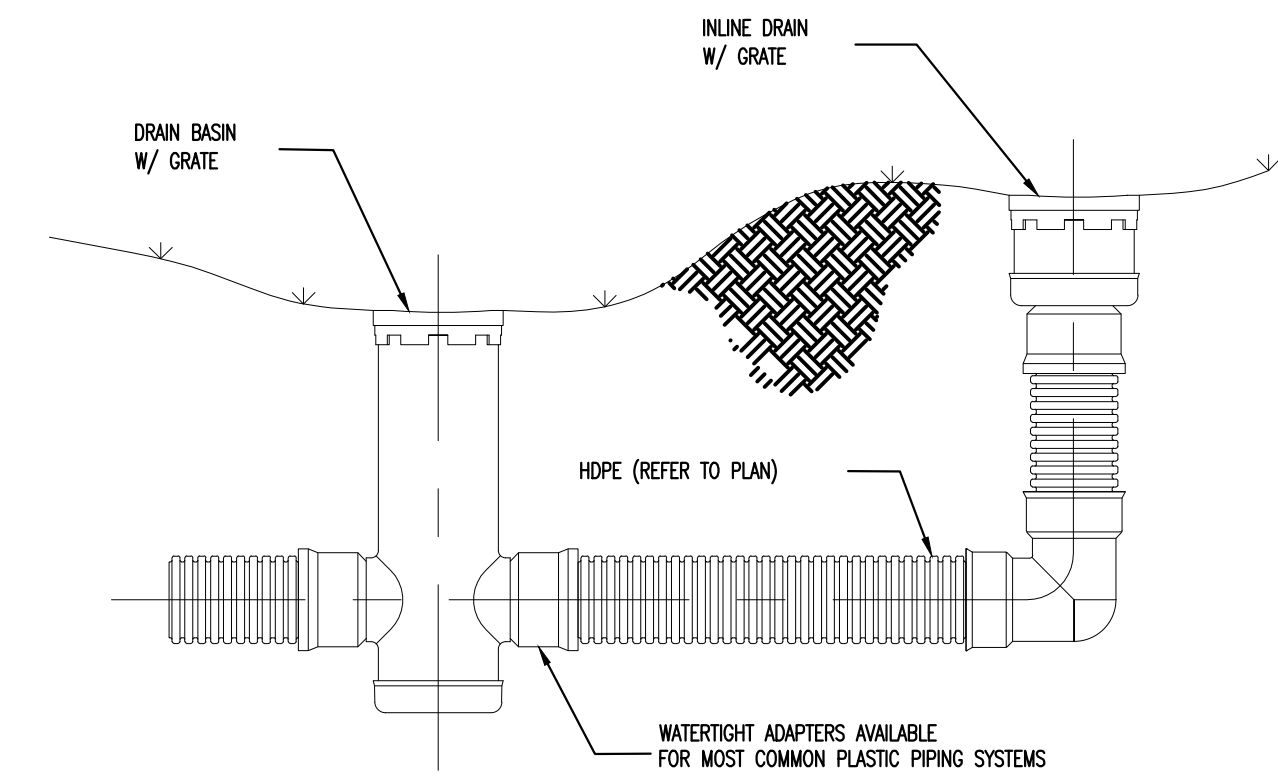


M
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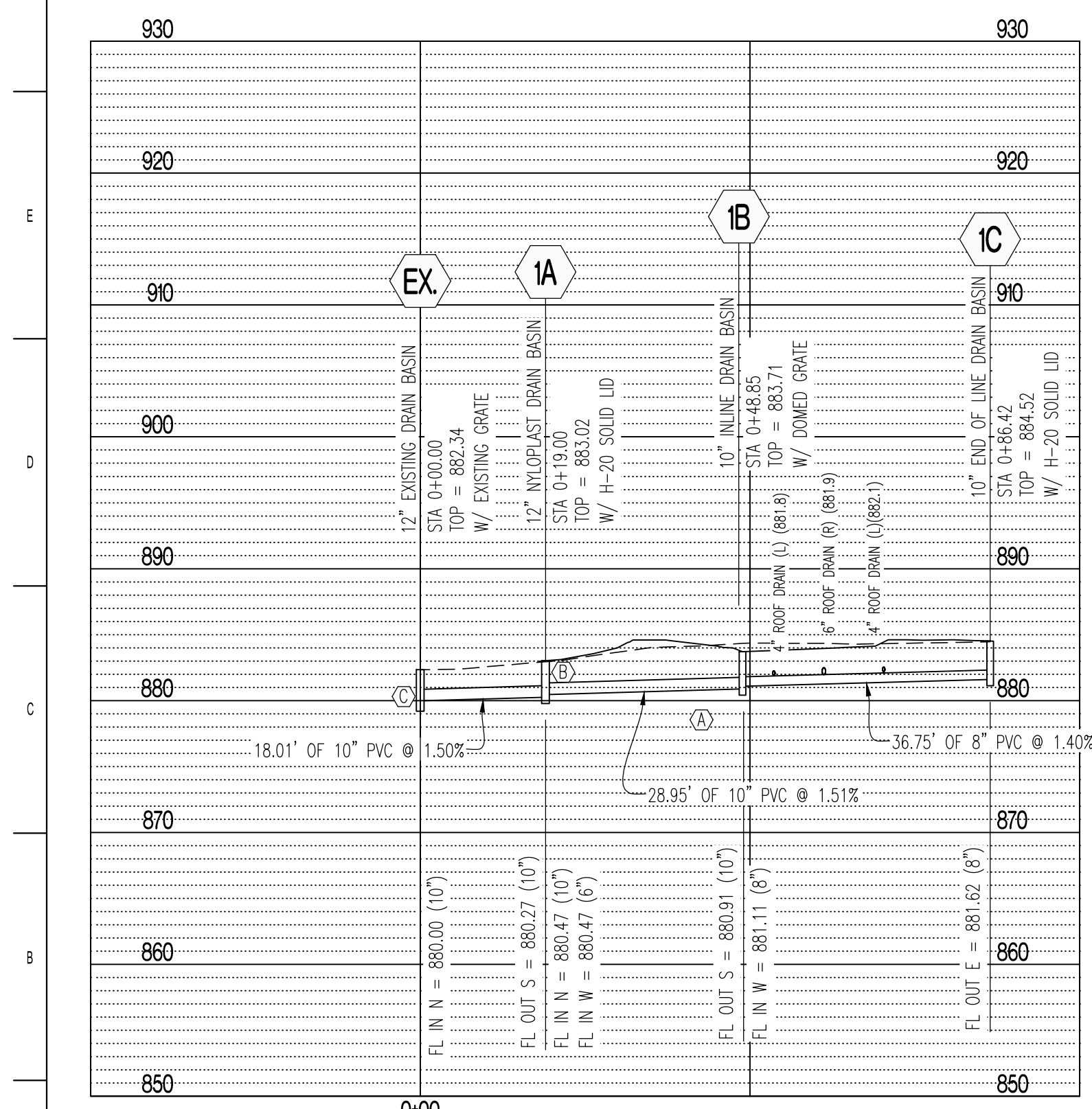
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



CLEANOUT COVERS



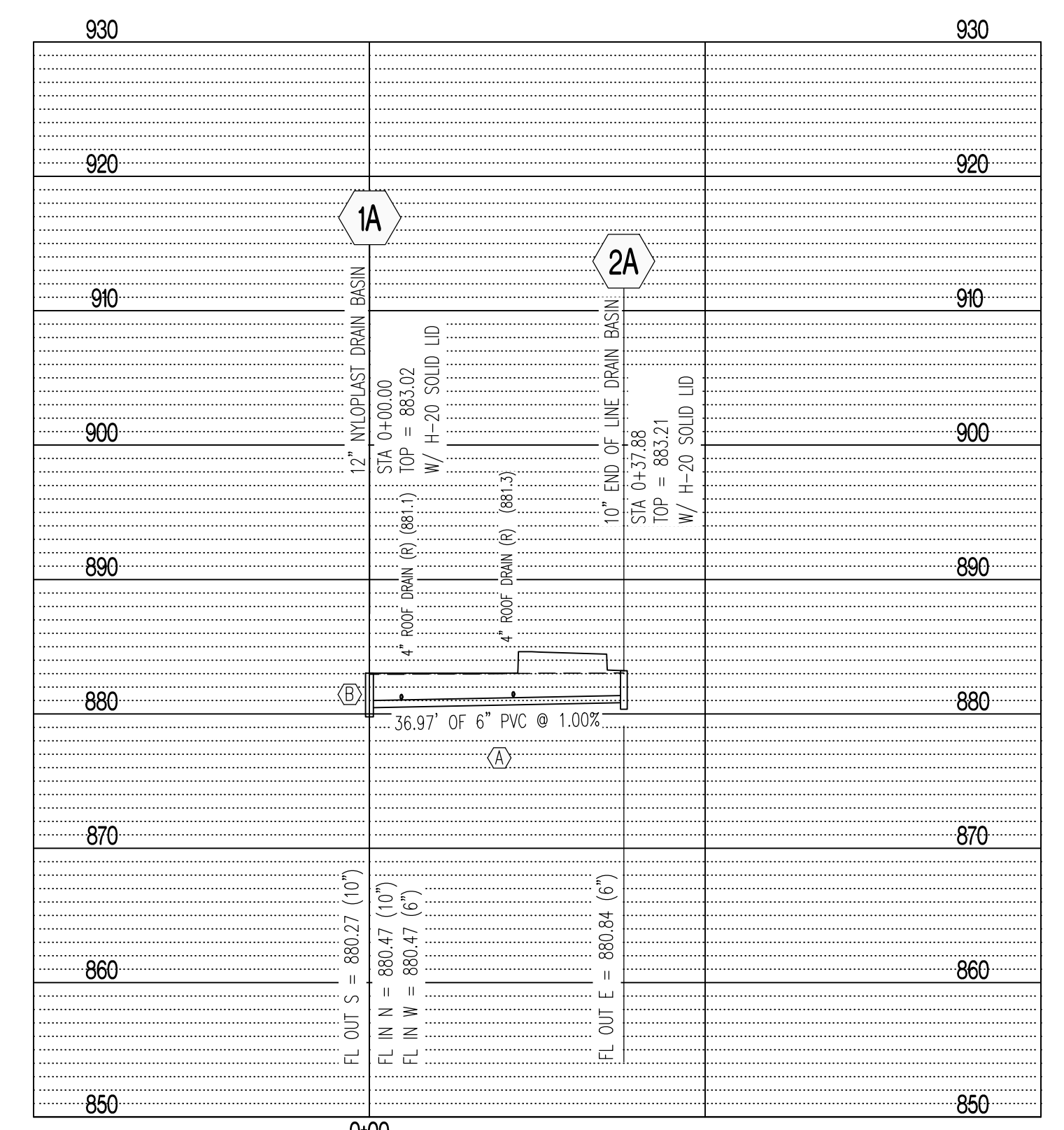
TYPICAL INSTALLATION OF 'END-OF-LINE' AND 'IN-LINE' DRAIN BASIN



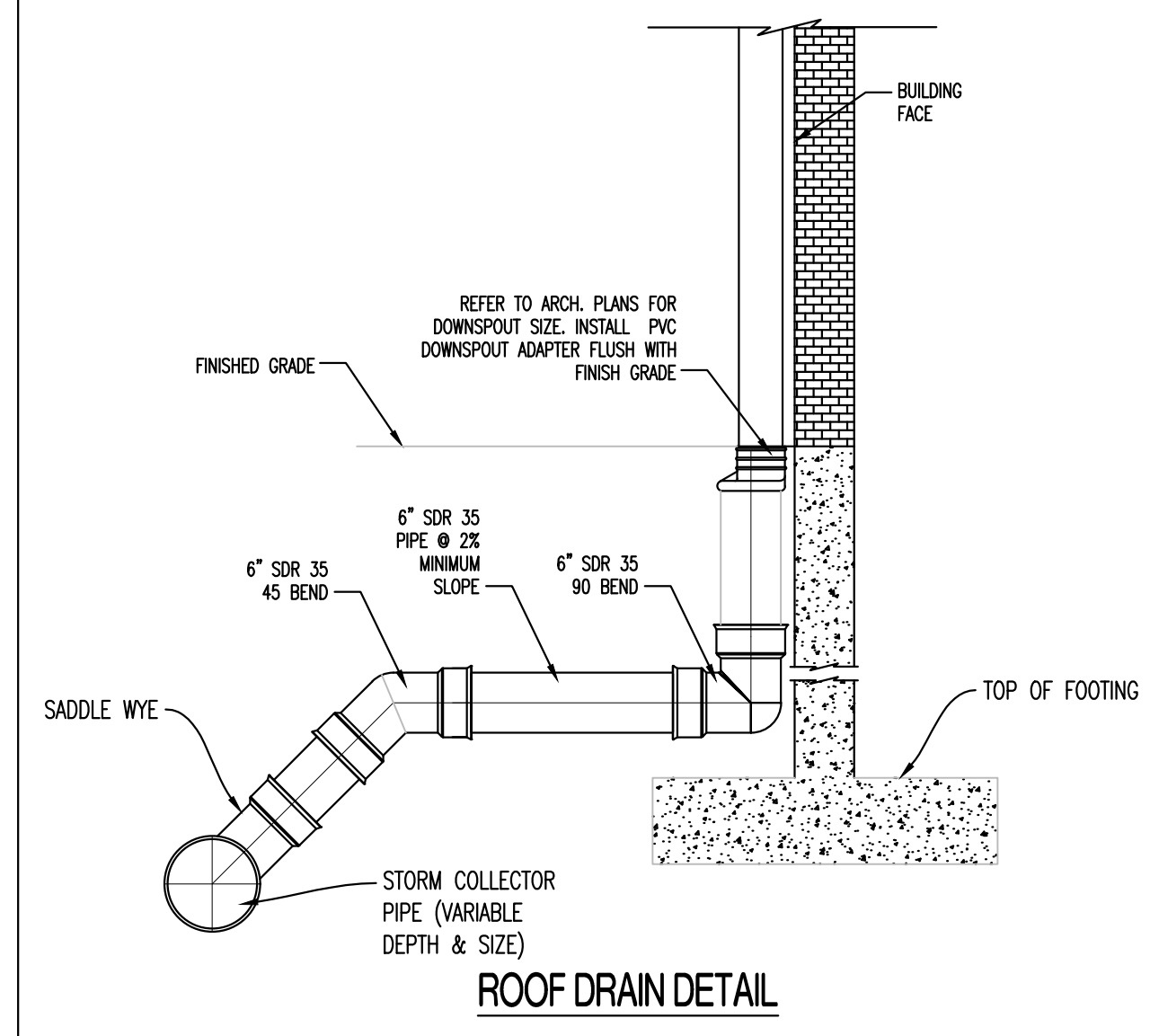
LINE 1

SCALE:
HORIZ 1" = 20'
VERT 1" = 10'

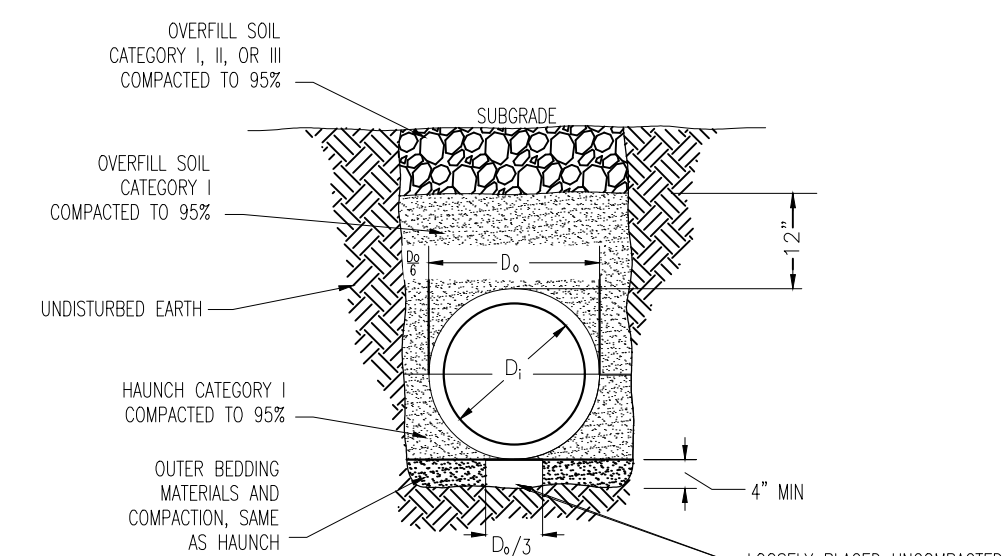
- LEGEND OF LABELS:
- (A) REFER TO PIPE EMBEDMENT DETAIL ON THIS SHEET FOR.
 - (B) CONTRACTOR CAN USE CAST-IN-PLACE CONCRETE BOX AS A SUBSTITUTE TO NYLOPLAST BASIN. WILL REQUIRE COORDINATION WITH ENGINEER PRIOR TO ORDERING.
 - (C) CONTRACTOR TO CORE/CUT INTO EXISTING STRUCTURE FOR CONNECTION.



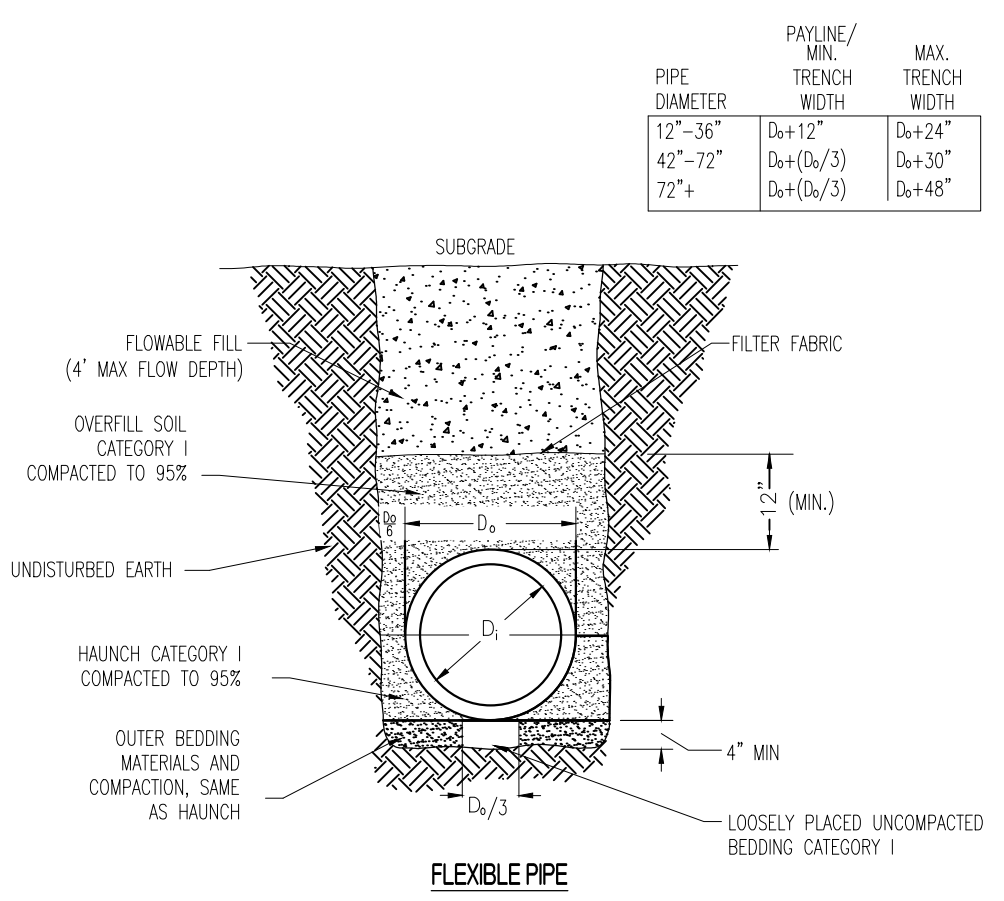
LINE 2



ROOF DRAIN DETAIL



FLEXIBLE PIPE
PIPE EMBEDMENT (NOT UNDER PAVEMENT)



FLEXIBLE PIPE
PIPE EMBEDMENT
(UNDER PAVEMENT OR IN RIGHT-OF-WAY)

PIPE DIAMETER	PAVLINE/ MIN. TRENCH WIDTH	MAX. TRENCH WIDTH
12"-36"	D _s +12"	D _s +24"
42"-72"	D _s +18"/3	D _s +30"
72"+	D _s +18"/3	D _s +48"

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



KYLE R. MILLER
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ASSET # 3511501146

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 2024-10-18

CAD DWG FILE: C-103
DRAWN BY: KM
CHECKED BY: TC
DESIGNED BY: KM

SHEET TITLE:
**STORM SEWER PLAN
& PROFILE, AND
STORM SEWER DETAILS**

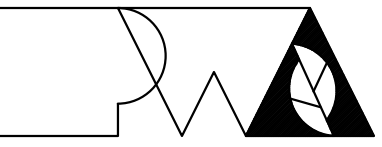
SHEET NUMBER:

C-103

6 OF 33 SHEETS
2024-10-18



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ISSUE DATE: 2024-10-18

CAD DWG FILE: C-104
DRAWN BY: KM
CHECKED BY: TC
DESIGNED BY: KM

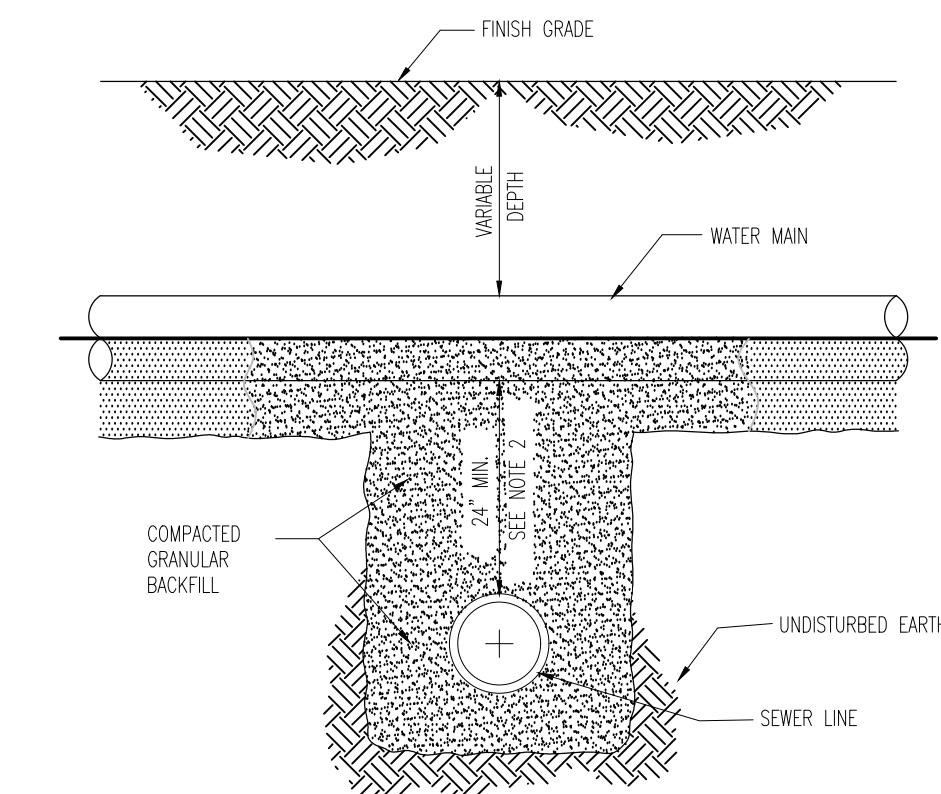
SHEET TITLE:
**CONSTRUCTION
DETAILS**

SHEET NUMBER:

C-104

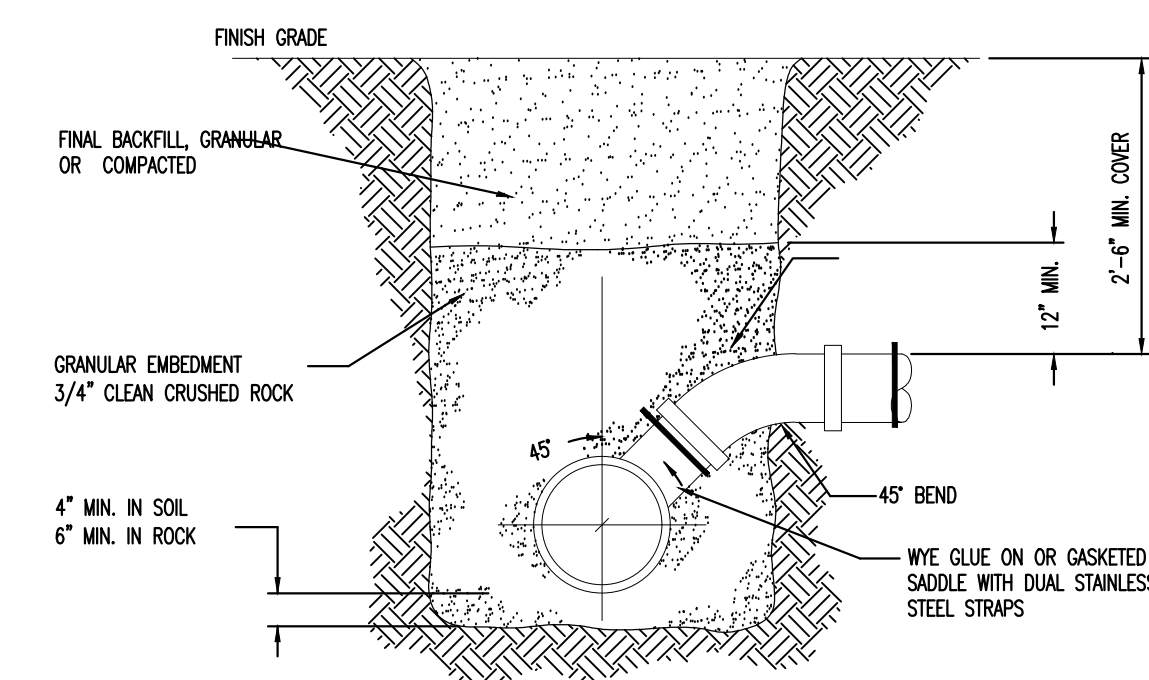
7 OF 33 SHEETS
2024-10-18

PAVEMENT DETAILS



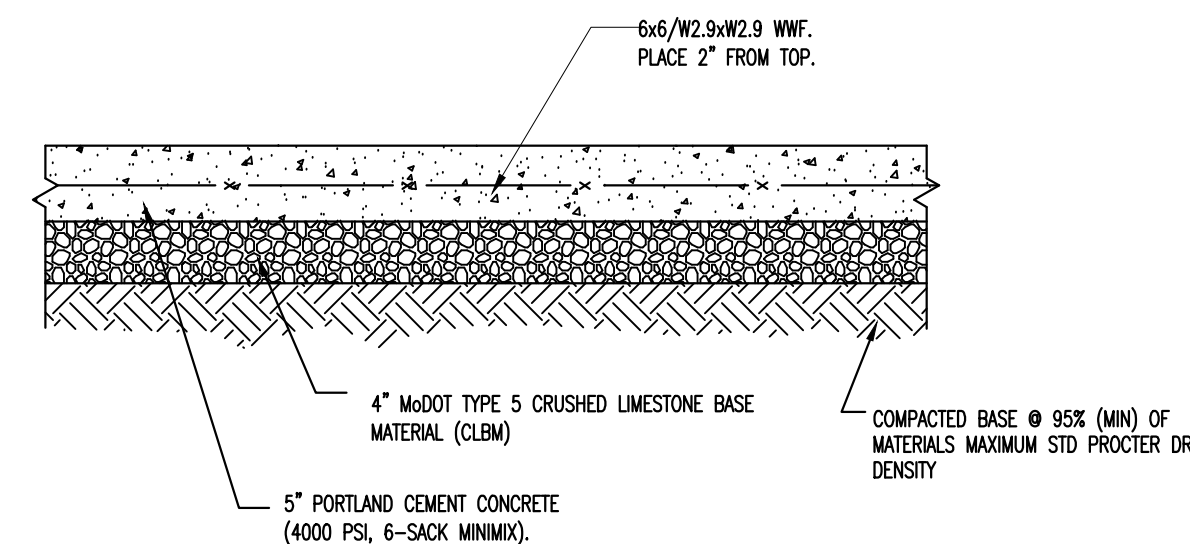
- NOTES:
- SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION THAT IS NO LESS THAN 24 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER MAIN.
 - THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER LINE CROSSES BELOW THE WATER LINE. CROSSINGS IN WHICH THE SEWER LINE IS ABOVE THE WATER LINE WILL ONLY BE APPROVED ON A CASE BY CASE BASIS.
 - THE CROSSING SHALL BE ARRANGED SO THAT THE ENDS OF A FULL JOINT OF PIPE WILL BE EQUIDISTANT FROM THE WATER MAIN AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.
 - IF THE VERTICAL SEPARATION BETWEEN THE WATER MAIN AND SEWER MAIN IS LESS THAN 18 INCHES, THE SEWER MAIN SHALL BE D.I.P. OR PRESSURE RATED PVC PIPE WITH A PRESSURE RATING THAT IS EQUAL TO OR GREATER THAN THE WATER MAIN. THE D.I.P. OR PRESSURE RATED PVC MUST BE EXTENDED A DISTANCE 10 FEET ON BOTH SIDES OF THE WATER MAIN. THE TRANSITION BETWEEN PIPE MATERIALS SHALL BE ACCOMPLISHED WITH A RESTRAINED MECHANICAL TYPE JOINT OR FITTING. FLEXIBLE TYPE (FERROCO) FITTINGS ARE NOT ACCEPTABLE.
 - PRESSURE SEWER LINE AND WATER LINE CROSSINGS SHALL BE REVIEWED ON A CASE BY CASE BASIS.

GRAVITY SEWER AND WATER LINE CROSSING

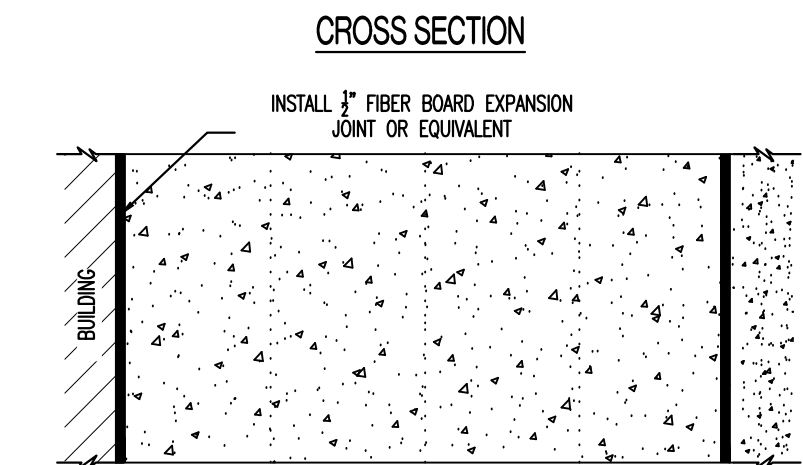
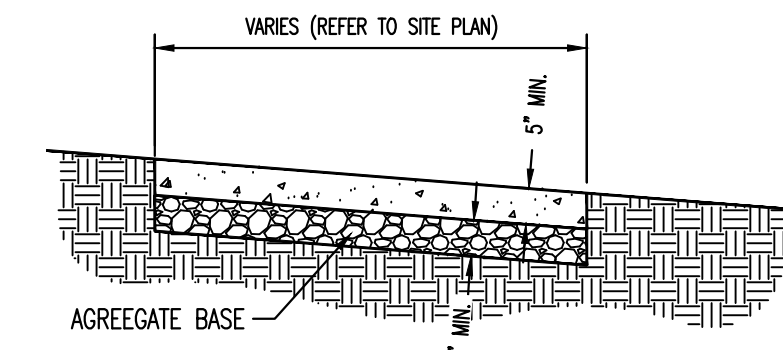


NOTES:
1. VCP PIPES SHALL NOT BE TAPPED. REPLACE SECTION OF VCP WITH PVC AND FITTING.

**STANDARD SERVICE CONNECTION DETAIL -
WYE DETAIL**



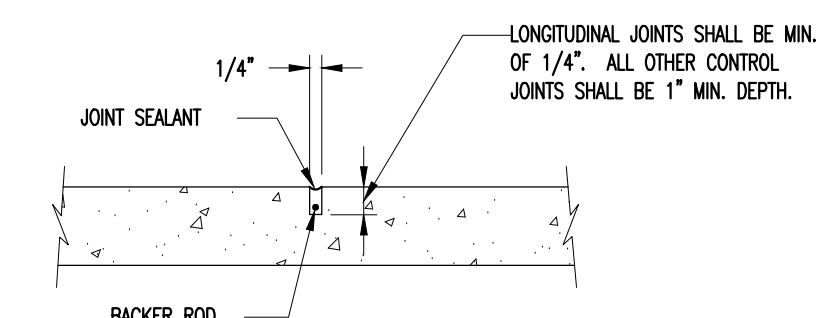
TYPICAL CONCRETE SIDEWALK PAVEMENT CROSS SECTION



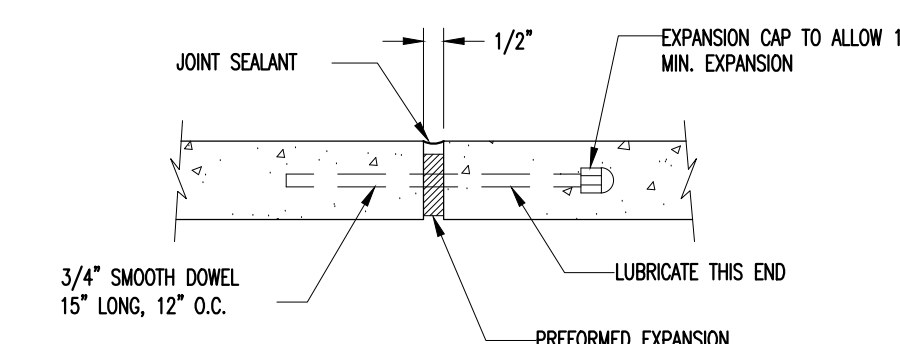
TYPICAL LOCATION OF EXPANSION JOINT AT BUILDING/CURB

- NOTE:
- SIDEWALK SHALL BE 5\"/>
 - INSTALL 1/2\"/>

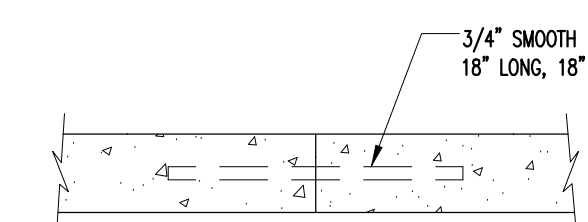
TYPICAL CONCRETE SIDEWALK



CONTROL JOINT

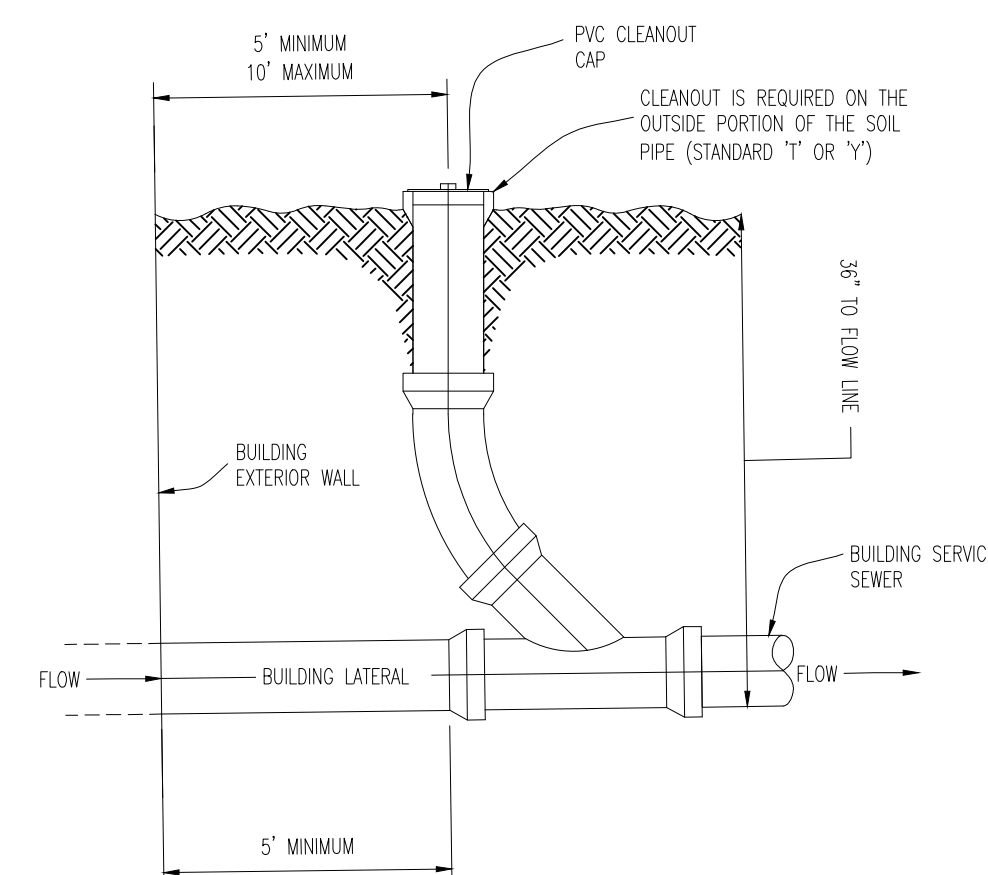


EXPANSION JOINT



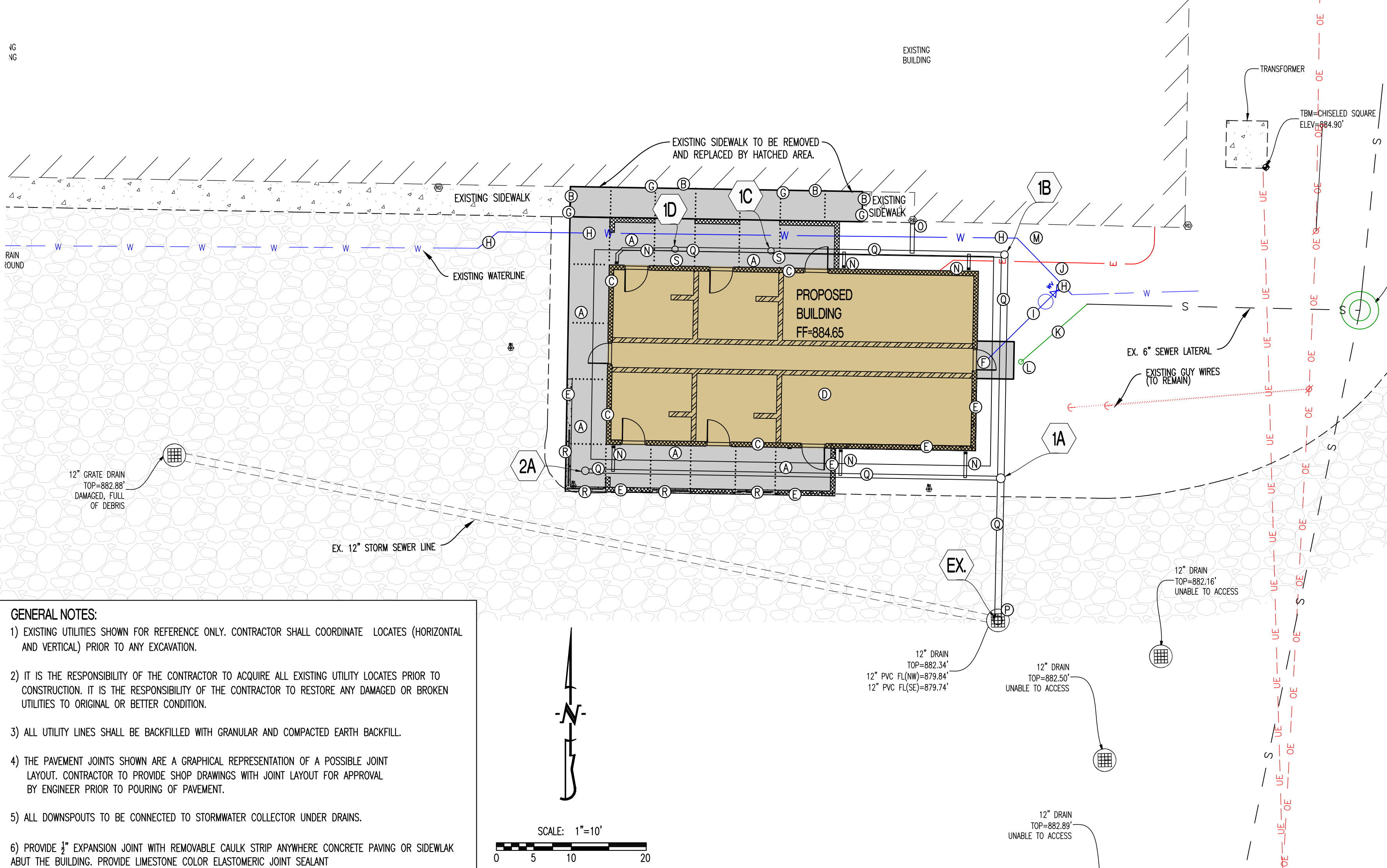
TRANSVERSE CONSTRUCTION JOINT

SIDEWALK JOINT DETAILS

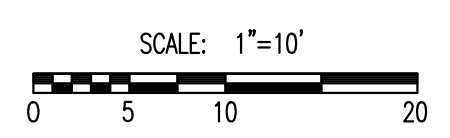


STANDARD SANITARY CLEANOUT

ALTERNATE #1



- GENERAL NOTES:**
- EXISTING UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE LOCATES (HORIZONTAL AND VERTICAL) PRIOR TO ANY EXCAVATION.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACQUIRE ALL EXISTING UTILITY LOCATES PRIOR TO CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ANY DAMAGED OR BROKEN UTILITIES TO ORIGINAL OR BETTER CONDITION.
 - ALL UTILITY LINES SHALL BE BACKFILLED WITH GRANULAR AND COMPACTED EARTH BACKFILL.
 - THE PAVEMENT JOINTS SHOWN ARE A GRAPHICAL REPRESENTATION OF A POSSIBLE JOINT LAYOUT. CONTRACTOR TO PROVIDE SHOP DRAWINGS WITH JOINT LAYOUT FOR APPROVAL BY ENGINEER PRIOR TO POURING OF PAVEMENT.
 - ALL DOWNSPOUTS TO BE CONNECTED TO STORMWATER COLLECTOR UNDER DRAINS.
 - PROVIDE 3/8" EXPANSION JOINT WITH REMOVABLE CAULK STRIP ANYWHERE CONCRETE PAVING OR SIDEWALK ABOUT THE BUILDING. PROVIDE LIMESTONE COLOR ELASTOMERIC JOINT SEALANT



LEGEND OF LABELS

- CONSTRUCT 5" THICK, REINFORCED, CONCRETE SIDEWALK WITH DIMENSIONS AS SHOWN. REFER TO SHEET C-102 FOR SPOT ELEVATIONS. REFER TO CONCRETE CROSS-SECTIONS ON C-104. ALL CONCRETE TO BE ADA COMPLIANT. (MAXIMUM SLOPE OF THE PAVEMENT SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.). CONTRACTOR TO ENSURE ALL NEW PAVEMENT HAS STORMWATER RUNOFF THAT FLOWS AWAY FROM BUILDING.
- INSTALL 1/2" EXPANSION JOINT. BETWEEN EXISTING CONCRETE AND NEW CONCRETE.
- INSTALL 1/2" EXPANSION JOINT BETWEEN NEW CONCRETE AND BUILDING FOUNDATION.
- PROPOSED NEW COMFORT STATION BUILDING. REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS AND STRUCTURAL PLANS FOR FOUNDATION AND LVC INFORMATION.
- INSTALL STEM WALL ALONG SOUTH PORTION OF BUILDING. SEE SHEET C-102 FOR ELEVATIONS AND STRUCTURAL PLAN SHEETS FOR DETAILS.
- INSTALL 5'X5' PAD OUTSIDE OF EAST DOOR. REFER TO CONCRETE CROSS SECTION ON C-104.
- CONTRACTOR TO CONNECT NEW CONCRETE BY DOWELING INTO EXISTING CONCRETE SIDEWALK USING 18" LONG #4 BARS ON 18" CENTERS. SEE JOINT DETAIL ON C-104.
- RELOCATED APPROXIMATELY 85' OF WATER LINE AROUND BUILDING AS SHOWN WITH BENDS. CONTRACTOR TO VERIFY AND USE SAME SIZE LINE.
- INSTALL WATER METER PIT, ADD A 2.5'X2.5' TEE FOR CONNECTION, & APPROPRIATE HOSE BIBB WITH VALVE TO BE ABLE TO DRAIN WATERLINE. ALSO ADD A 2.5" VALVE ON THE INCOMING SIDE OF THE LINE TO PROVIDE SHUTOFF FEATURE IF SUCH VALVE IS NOT ADDED AT THE CONNECTION. WATER TO GRAVITY DRAIN INTO PIT.
- INSTALL TEE CONNECTION WITH GATE VALVE IN BOX TO SURFACE AND EXTEND 2.5" WATERLINE FROM RELOCATED WATERLINE TO BUILDING AS SHOWN. REFER TO MEP PLANS FOR DETAILS AND BUILDING ENTRANCE LOCATION.
- INSTALL 12" OF 4" SANITARY SEWER LATERAL. LATERAL TO BE INSTALLED AT 1% MIN. GRADE. CONNECT TO EXISTING LATERAL AS SHOWN.
- INSTALL 4" STANDARD SANITARY SEWER CLEANOUT 6" OUTSIDE OF PROPOSED BUILDING. FLOWLINE AT CLEANOUT TO BE 36" BELOW FINISHED GRADE.
- PROPOSED ELECTRICAL ROUTE. REFER TO MEP PLANS FOR MORE DETAILS. CONTRACTOR TO INSTALL 1-1/4" CONDUIT FOR ELECTRIC SERVICE.
- INSTALL 4" DOWNSPOUT PIPE TO CONNECTOR STORM PIPE.
- INSTALL 6" ROOF DRAIN DOWNSPOUT PIPE FROM SWINE BUILDING AND WYE INTO CONNECTOR STORM PIPE.
- CONNECT PROPOSE STORM SEWER LINE INTO EXISTING STORM DRAIN. CORE FOR CONNECTION AND GROUT OPENING CLOSED.
- PROPOSED STORM SEWER LINE. REFER TO SHEET C-103 FOR PROFILE AND DETAILS.
- INSTALL PEDESTRIAN GUARDRAIL ON TOP OF WALL. REFER TO ARCHITECTURAL DRAWINGS FOR RAIL INFORMATION.
- INSTALL P" PVC DRAIN TO SURFACE OF SIDEWALK WITH PEDESTRIAN GRATE. ALL AREAS OF SIDEWALK WITH GRATE TO BE ADA COMPLIANT.

GRADING - LEGEND OF SYMBOLS:

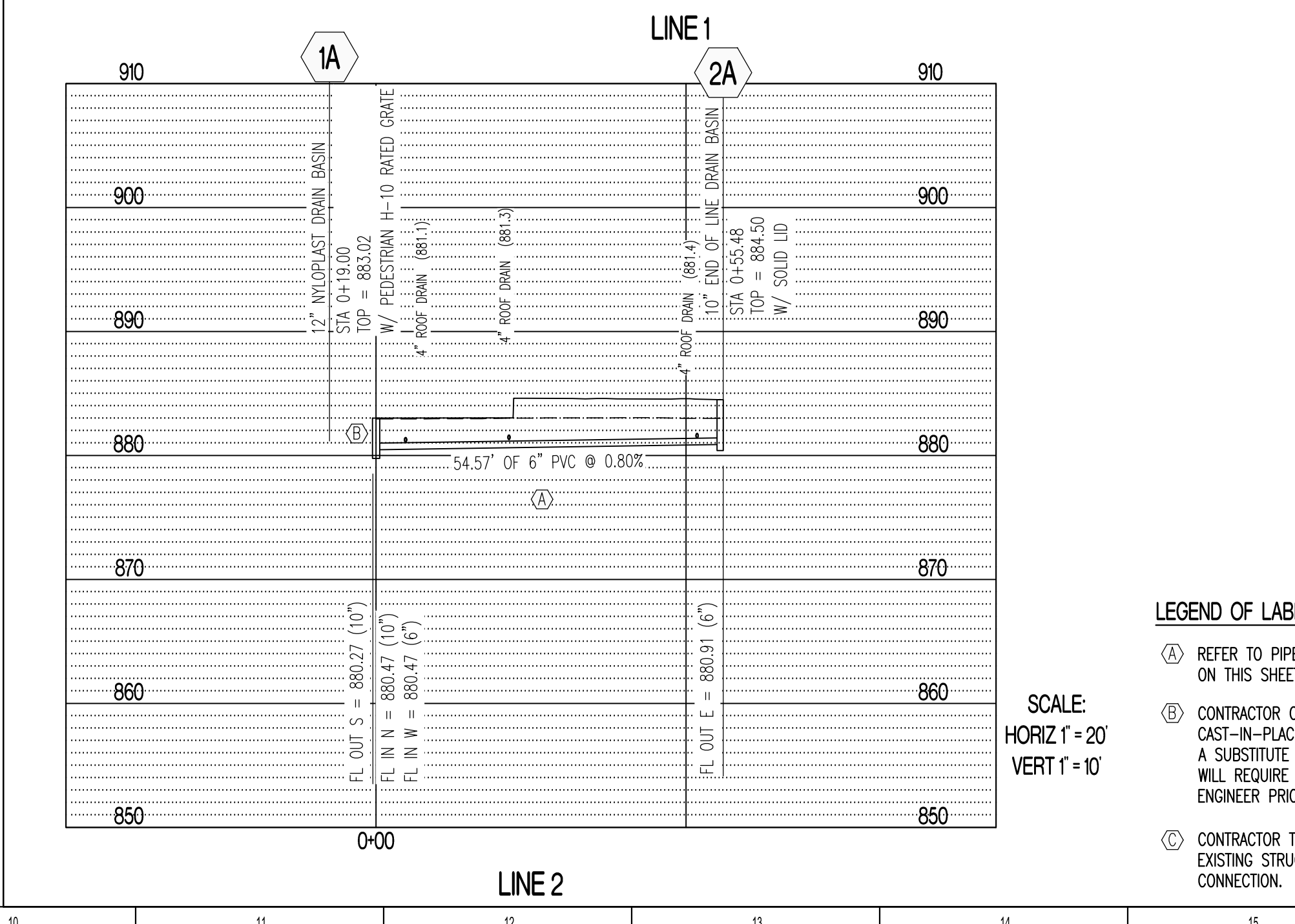
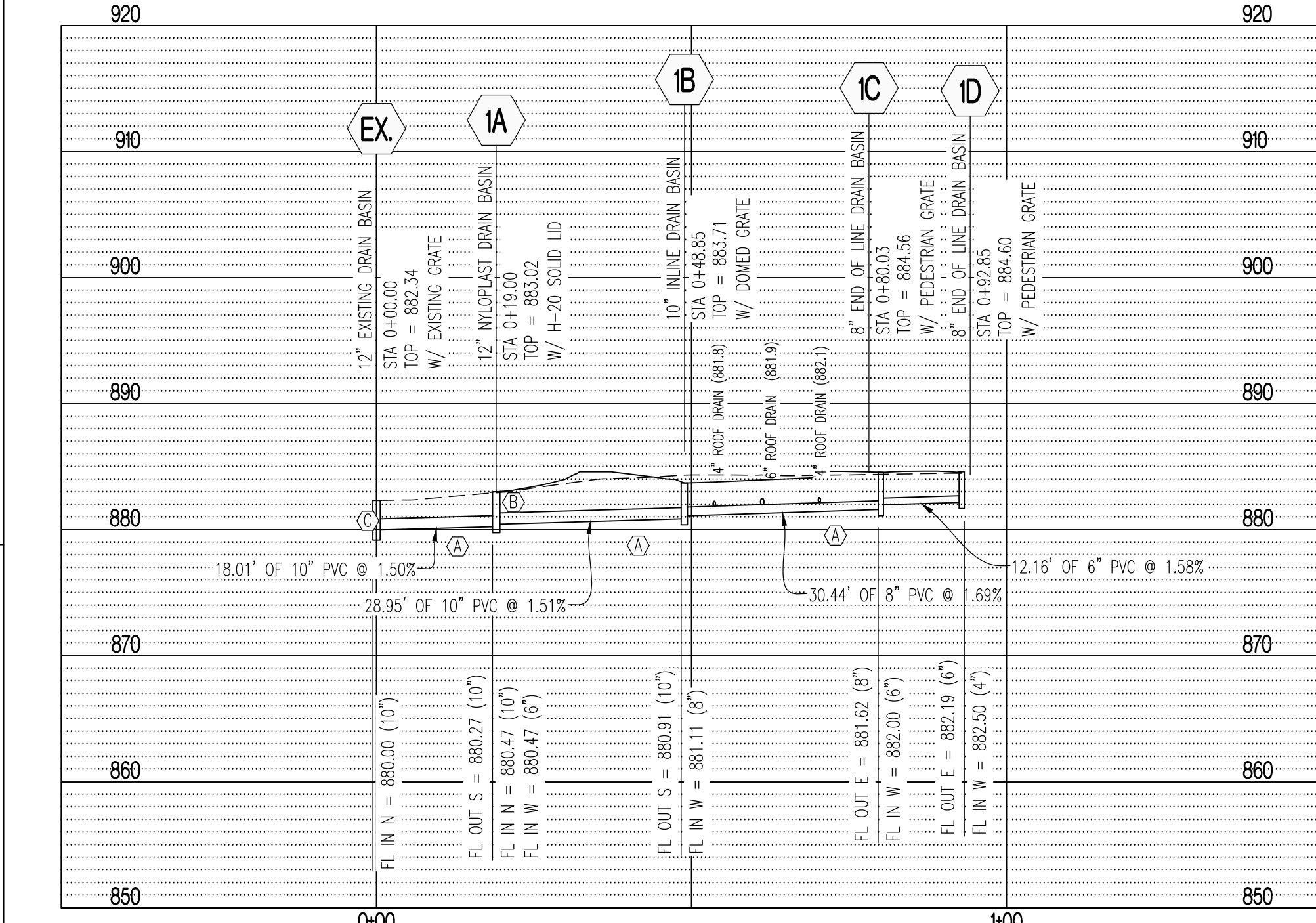
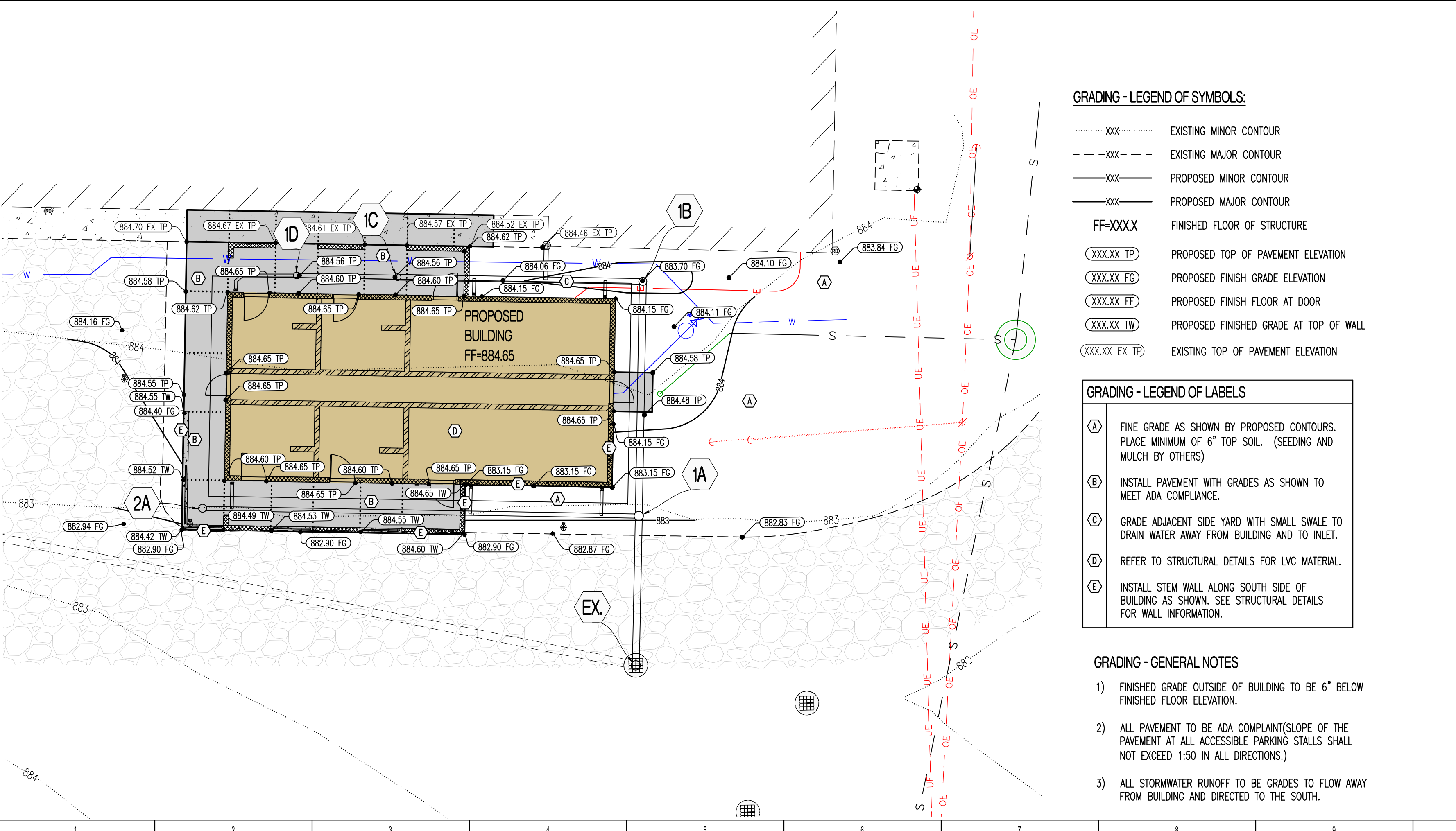
- EXISTING MINOR CONTOUR
- - - EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- FF-XXXX FINISHED FLOOR OF STRUCTURE
- XXXX.XX TP PROPOSED TOP OF PAVEMENT ELEVATION
- XXXX.XX FG PROPOSED FINISH GRADE ELEVATION
- XXXX.XX FF PROPOSED FINISH FLOOR AT DOOR
- XXXX.XX TW PROPOSED FINISHED GRADE AT TOP OF WALL
- XXXX.XX EX TP EXISTING TOP OF PAVEMENT ELEVATION

GRADING - LEGEND OF LABELS

- FINE GRADE AS SHOWN BY PROPOSED CONTOURS. PLACE MINIMUM OF 6" TOP SOIL. (SEEDING AND MULCH BY OTHERS)
- INSTALL PAVEMENT WITH GRADES AS SHOWN TO MEET ADA COMPLIANCE.
- GRADE ADJACENT SIDE YARD WITH SMALL SWALE TO DRAIN WATER AWAY FROM BUILDING AND TO INLET.
- REFER TO STRUCTURAL DETAILS FOR LVC MATERIAL.
- INSTALL STEM WALL ALONG SOUTH SIDE OF BUILDING AS SHOWN. SEE STRUCTURAL DETAILS FOR WALL INFORMATION.

GRADING - GENERAL NOTES

- FINISHED GRADE OUTSIDE OF BUILDING TO BE 6" BELOW FINISHED FLOOR ELEVATION.
- ALL PAVEMENT TO BE ADA COMPLIANT(SLOPE OF THE PAVEMENT AT ALL ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 1:50 IN ALL DIRECTIONS.)
- ALL STORMWATER RUNOFF TO BE GRADES TO FLOW AWAY FROM BUILDING AND DIRECTED TO THE SOUTH.



LEGEND OF LABELS:

- REFER TO PIPE EMBEDMENT DETAIL ON THIS SHEET FOR.
- CONTRACTOR CAN USE CAST-IN-PLACE CONCRETE BOX AS A SUBSTITUTE TO NYLOPLAST BASIN. WILL REQUIRE COORDINATION WITH ENGINEER PRIOR TO ORDERING.
- CONTRACTOR TO CORE/CUT INTO EXISTING STRUCTURE FOR CONNECTION.

SCALE:
HORIZ 1" = 20'
VERT 1" = 10'

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



KYLE R. MILLER
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ISSUE DATE: 2024-10-18

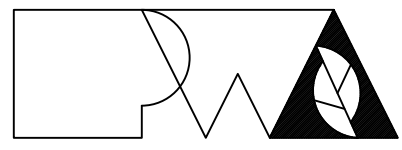
CAD DWG FILE: C-105
DRAWN BY: KM
CHECKED BY: TC
DESIGNED BY: KM

SHEET TITLE:
**ALTERNATE #1 -
GRADING, SITE, AND
STORM PROFILE PLAN**

SHEET NUMBER:

C-105

8 OF 33 SHEETS
2024-10-18



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ISSUE DATE: 2024-10-18

CAD DWG FILE: 240157
DRAWN BY: ZMP
CHECKED BY: JWV
DESIGNED BY: JWV

SHEET TITLE:

**GENERAL
STRUCTURAL
DATA**

SHEET NUMBER:

S-100

9 OF 33 SHEETS
2024-10-18

Missouri State Fair - Comfort Station

Sedalia, Pettis County, Missouri

GENERAL NOTES

ELEVATION DATUM
SEE ARCHITECTURAL DRAWINGS OR SITE PLAN FOR FINISH FLOOR ELEVATIONS

DESIGN SPECIFICATIONS
2018 INTERNATIONAL BUILDING CODE

EARTHWORK
EARTHWORK OPERATIONS SHALL BE PERFORMED UNDER THE DIRECTION OF A PROFESSIONAL TESTING AGENCY TO ASSURE COMPLIANCE WITH THE RECOMMENDATIONS OF THE SOILS REPORT BY CROCKETT GIL DATED JUNE 27, 2024.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 305 SPECIFICATIONS FOR HOT WATER CONCRETE, AND ACI 306 SPECIFICATIONS FOR COLD WEATHER CONCRETE, WITH THE FOLLOWING ADDITIONAL REQUIREMENTS:

- CONCRETE SHALL DEVELOP THE FOLLOWING 28-DAY MINIMUM COMPRESSIVE STRENGTH:
FOUNDATIONS - 3,000 PSI
CAST-IN-PLACE WALLS - 3,500 PSI
FLOOR SLAB - 4,000 PSI
EXTERIOR SLABS, WALLS AND CURBS - 4,000 PSI
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL.
- CHLORIDE-BASED ADMIXTURES ARE PROHIBITED IN ALL REINFORCED CONCRETE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, A616, OR A617, GRADE 60.
- ALL CONTINUOUS REINFORCING STEEL THAT MEETS AT A CORNER SHALL BE TIED TOGETHER WITH A CORNER BAR THAT HAS SUFFICIENT LAP DISTANCE IN EACH DIRECTION.
- CONTINUOUS REINFORCING BARS LAP LENGTH SHALL BE A MINIMUM OF 48 BAR DIAMETERS UNLESS NOTED OTHERWISE.
- CONCRETE SLUMP SHALL BE A MAXIMUM OF 4' +/- 1" (ASTM C-143) AS DELIVERED IN THE FIELD. CONTRACTOR MAY USE CHEMICAL ADMIXTURES TO ATTAIN A MAXIMUM SLUMP OF 8' FOR WORKABILITY. NO WATER MAY BE ADDED TO THE CONCRETE MIX ON SITE UNLESS WATER IS WITHHELD AT THE BATCHING FACILITY. IF WATER IS WITHHELD AT THE BATCHING FACILITY IT SHOULD BE REFLECTED ON THE LOAD TICKET. THE TOTAL AMOUNT OF WATER IN THE MIX SHALL NOT EXCEED WHAT IS NOTED ON THE APPROVED MIXED. THIS SHALL BE NOTED IN THE SPECIAL INSPECTOR'S RECORDS.
- CONCRETE EXPOSED TO WEATHER, VEHICLES, AND/OR DEICING CHEMICALS SHALL BE AIR-ENTRAINED WITH 6% (+/-) 1.5% ENTRAINMENT AIR BY VOLUME AT POINT OF DISCHARGE. DO NOT ALLOW AIR CONTENT OF TROWELED FINISHED FLOORS TO EXCEED 3%.
- SUBMIT CONCRETE MIX PROPORTIONS PRIOR TO START OF WORK. DO NOT BEGIN CONCRETE PRODUCTION UNTIL MIXES HAVE BEEN REVIEWED AND ARE ACCEPTABLE TO THE ENGINEER.
- READY MIX CONCRETE SHALL COMPLY WITH REQUIREMENTS OF ASTM C94.
- CONCRETE WORK EXECUTION
 - CONSTRUCT FORMS TO CORRECT SIZE, SHAPE, ALIGNMENT, ELEVATION AND POSITION; AND TO SUPPORT VERTICAL AND LATERAL LOADS.
 - POSITION, SUPPORT, AND SECURE REINFORCEMENT AGAINST DISPLACEMENT. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE, UNLESS NOTED OTHERWISE ON THE DRAWINGS:
CAST AGAINST AND EXPOSED TO EARTH.....3 INCHES
EXPOSED TO EARTH OR WEATHER.....2 INCHES
NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH.....1 1/4 INCHES
- PROVIDE CONTROL JOINTS IN SLABS-ON-GRADE AT NOT GREATER THAN 15 FEET ON CENTER IN EACH DIRECTION. SAW CUT CONTROL JOINTS MINIMUM 1/4 OF SLAB DEPTH, AS SOON AFTER SLAB FINISHING WITHOUT DISLOGGING AGGREGATE.
- STEEL TROWEL FINISH ALL INTERIOR CONCRETE SLABS, BROOM FINISH ALL EXTERIOR CONCRETE SLABS.
- CURE ALL CONCRETE IN COMPLIANCE WITH ACI 301, USING A LIQUID TYPE MEMBRANE, NON-RESIDUAL, CURING COMPOUND COMPLYING WITH ASTM C309. ASSURE COMPATIBILITY WITH FINISH FLOOR COVERING.

MASONRY

MASONRY WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ACI 530.1 SPECIFICATIONS FOR MASONRY STRUCTURES WITH THE FOLLOWING ADDITIONAL REQUIREMENTS:

- HOLLOW MASONRY BLOCK SHALL CONFORM TO ASTM C90 REGULAR WEIGHT GRADE N1.
- COURSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI.
- MORTAR SHALL BE TYPE S CONFORMING TO ASTM C270. AVERAGE COMPRESSIVE STRENGTH IS 2,000 PSI.
- MINIMUM 28-DAY COMPRESSIVE STRENGTH OF MASONRY; $f'_m = 2,000$ PSI.
- WIRE REINFORCING SHALL CONFORM TO ASTM A82, STANDARD TRUSS-TYPE DUR-O-WALL REINFORCING (OR APPROVED EQUAL) AND SHALL BE PLACED CONTINUOUSLY IN ALTERNATE HORIZONTAL MORTAR JOINTS.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, A616, OR A617, GRADE 60. THE MINIMUM LAP FOR SPLICES SHALL BE 48 BAR DIAMETERS. PROVIDE DUR-O-WALL REBAR POSITIONERS.
- ALL STEEL LINTELS TO BE A36 STEEL OR A992 GRADE 50. ALL LINTELS TO BE HOT DIPPED GALVANIZED.
- INTERSECTING STRUCTURAL WALLS SHALL BE ANCHORED BY STEEL CONNECTORS SPACED VERTICALLY AT 48" O.C. MAXIMUM. THE CONNECTORS SHALL CONFORM TO ASTM A36 AND SHALL HAVE A MINIMUM SECTION OF 1/4" x 1 1/2". THEY SHALL BE 28" LONG WITH 2" AT EACH END BENT AT 90 DEGREES TO FORM A 'U' OR 'Z' SHAPE. ALL CELLS ABOVE AND BELOW THE ANCHOR SHALL BE GROUTED, AND THE BENT ENDS OF THE CONNECTORS SHALL BE EMBEDDED IN THE GROUT, 2" MIN.
- EXPANSION JOINTS SHALL BE PROVIDED IN CMU BLOCK WALLS FULL HEIGHT OF WALL AT INTERVALS NOT EXCEEDING 24'-0". NOT CLOSER THAN 2'-0" FROM OPENINGS JOINT REINFORCING SHALL BE SEVERED AT EXPANSION JOINT LOCATIONS, HOWEVER BOND BEAM REINFORCING SHALL BE CONTINUOUS THROUGH THE JOINT.
- BOND BEAMS OR GROUTED CELLS ARE REQUIRED AT ALL CONNECTIONS TO CMU.

HEADED MASONRY ANCHORS

- ALL HEADED CONCRETE ANCHORS SHALL MEET THE REQUIREMENTS OF THE CODE-CITED EDITION OF ACI 318 APPENDIX 'D' AND AWS D1.1.
- HEADED STUDS HAVE BEEN DESIGNED AS TYPE 'B' ANCHORS ($f_u = 65,000$ psi, $f_y = 51,000$ psi).
- EMBEDMENT DEPTH IS DEFINED AS THE DISTANCE FROM THE OUTSIDE FACE OF THE EMBEDMENT PLATE TO THE INSIDE FACE OF THE STUD HEAD.
- EQUIVALENT ANCHORS MAY BE SUBMITTED FOR THE ENGINEER'S APPROVAL.

DEFORMED BAR ANCHORS

- ALL DEFORMED BAR ANCHORS SHALL MEET THE REQUIREMENTS OF THE CODE-CITED EDITION OF ACI 318 APPENDIX 'D' AND AWS D1.1.
- DEFORMED BAR ANCHORS HAVE BEEN DESIGNED AS TYPE 'C' ANCHORS ($f_u = 80,000$ psi, $f_y = 70,000$ psi, & MANUFACTURED IN CONFORMANCE WITH ASTM A496).
- EQUIVALENT ANCHORS MAY BE SUBMITTED FOR THE ENGINEER'S APPROVAL.

TIMBER

TIMBER WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ANSI/AWC NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION WITH 2018 NDS SUPPLEMENT FOR WOOD CONSTRUCTION, WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS:

- FOR COMMON MEMBER SIZES, THE SPECIES AND GRADES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - 2X4 SPF No.1/No.2
 - 2X6 SPF No.1/No.2
 - 2X8 DF-L No.2
 - 2X10 DF-L S.S.
 - 2X12 DF-L S.S.

EQUIVALENT (OR BETTER) GRADES & SPECIES MAY BE SUBMITTED FOR THE ENGINEER'S APPROVAL.
- SIZES SHOWN FOR LUMBER ARE NOMINAL SIZES.
- TIMBER EXPOSED TO WEATHER OR GROUND, OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-IMPREGNATED BY AN APPROVED PROCESS AND PRESERVATIVE.
- SPLICING OF JOISTS, STUDS, OR HEADERS IS PROHIBITED EXCEPT AS SHOWN.
- BOLTS SHALL CONFORM TO ASTM A307. HOLES SHALL BE DRILLED PER SECTION 12.1.3 OF THE 2018 ANSI/AWC NDS FOR WOOD CONSTRUCTION NDS SUPPLEMENT.
- LAG SCREWS AND WOOD SCREWS SHALL BE INSTALLED PER SECTIONS 12.1.4 & 12.1.5 RESPECTIVELY, OF THE 2018 ANSI/AWC NDS FOR WOOD CONSTRUCTION WITH 2018 NDS SUPPLEMENT.
- COMMON NAILS SHALL BE USED, UNLESS NOTED OTHERWISE. IN ADDITION, NAILS SHALL BE GALVANIZED, IF EXPOSED TO WEATHER OR MOISTURE. TOE-NAILS SHALL BE DRIVEN PER SECTION 12.1.6.3 OF THE 2018 ANSI/AWC NDS FOR WOOD CONSTRUCTION WITH 2018 NDS SUPPLEMENT.
- FASTENING SHALL BE PER THE IBC MINIMUM FASTENING SCHEDULE, TABLE 2304.10.1, UNLESS NOTED OTHERWISE.
- CONNECTIONS/CONNECTORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

PREFABRICATED WOOD TRUSSES

- FLOOR & ROOF TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI) DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES, AND THE ANSI/NF&PA NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION.
- PROVIDE TEMPORARY AND PERMANENT BRACING ON ALL TRUSSES, AS REQUIRED TO PROVIDE MEMBER AND TRUSS STABILITY.
- FLOOR & ROOF TRUSSES SHALL BE DESIGNED AND CONSTRUCTED FOR A MAXIMUM TOTAL LOAD DEFLECTION OF $L/360$ AND TO SAFELY SUPPORT THE FOLLOWING LOADS:
 - DEAD, LIVE, SNOW, WIND, EARTHQUAKE: SEE PROJECT DESIGN DATA ON COVER SHEET.
 - MECHANICAL PIPE LOAD: TRUSSES SHALL BE DESIGNED FOR A CONCENTRATED LOAD OF 250 LBS HUNG ANYWHERE ALONG THE BOTTOM CHORD.
 - OVER-FRAMING LOAD: TRUSSES SHALL ALSO BE DESIGNED TO SUPPORT ADDITIONAL OVERBUILD FRAMING, SUCH AS THAT WHICH FORMS VALLEYS AND HIPS ON ROOFS.
 - DRIFTED SNOW LOAD: TRUSSES SHALL BE DESIGNED TO SUPPORT DRIFTED SNOW LOADS IN ACCORDANCE WITH THE APPROPRIATE BUILDING CODE.
 - IN-PLANE LATERAL LOADS: TRUSSES SHALL BE DESIGNED TO SUPPORT ANY LATERAL LOADS CARRIED AXIALLY IN THE PLANE OF THE TRUSS, AS SHOWN ON THE PLANS.
- GABLED END TRUSSES SHALL HAVE VERTICAL MEMBERS SPACED AT 16" O.C. MAXIMUM.
- SUBMITTALS SHALL INCLUDE THE FOLLOWING:
 - SHOP DRAWINGS PREPARED UNDER THE SUPERVISION OF, AND SIGNED AND SEALED BY, A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS BUILT. THESE DRAWINGS SHALL INDICATE SPECIES, GRADE, AND SIZES OF LUMBER TO BE USED; PITCH, SPAN, CAMBER, CONFIGURATION, AND SPACING FOR EACH TYPE OF TRUSS REQUIRED; TYPE, SIZE, MATERIAL, FINISH, AND LOCATION OF METAL CONNECTOR PLATES; AND BEARING DETAILS. SHOW TRUSS LAYOUT AND ALL REQUIRED TEMPORARY AND PERMANENT BRACING AFFECTING THE STRUCTURAL CAPACITY OF THE TRUSSES.

PROVIDE COMPLETE ENGINEERING DESIGN CALCULATIONS THAT INCLUDE DESIGN VALUES, DESIGN ANALYSIS INDICATING LOADING, ASSUMED ALLOWABLE STRESSES, STRESS DIAGRAMS, AND CALCULATIONS, AND ANY OTHER INFORMATION NEEDED FOR REVIEW. THE CALCULATIONS SHALL HAVE BEEN SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER WHO IS REGISTERED IN THE STATE WHERE THE PROJECT IS BUILT AND WHO IS RESPONSIBLE FOR PREPARATION OF THE CALCULATIONS.

SPECIAL INSPECTIONS

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE.

- CONCRETE GROUT DESIGN MIX (PERIODIC)
- PLACING OF CONCRETE AND REINFORCING STEEL (CONTINUOUS OF CONCRETE SAMPLING / PERIODIC OF REINFORCING)
- BOLTS & ANCHORS EMBEDDED IN CONCRETE (PERIODIC)
- STRUCTURAL STEEL FABRICATIONS (UNLESS AISC APPROVED) (PERIODIC)
- STRUCTURAL STEEL BOLTING & WELDING (PERIODIC)
- POST INSTALLED ANCHORS IN CONCRETE (CONTINUOUS)
- IN-SITU SOILS, EXCAVATIONS, FILLING & COMPACTION (PERIODIC)
- MASONRY AND REINFORCING STEEL (CONTINUOUS ON CELL GROUTING / PERIODIC ON REINFORCING)
- WOOD FRAMING:
 - SHEAR WALLS; WALL SIZE, CONFIGURATION, BLOCKING, PANEL GRADE, PANEL THICKNESS, AND FASTENING. (PERIODIC)
 - DIAPHRAGMS (FLOOR AND ROOF SHEATHING); SIZE, CONFIGURATION, BLOCKING, PANEL GRADE, PANEL THICKNESS, AND FASTENING. (PERIODIC)
 - FRAMING MEMBERS AND DETAILS (PERIODIC)
 - MATERIAL GRADE (PERIODIC)
 - CONNECTIONS; HANGERS, HOLD DOWNS, BUILT-UP COLUMNS, BUILT-UP BEAMS (PERIODIC)
 - PRE-ENGINEERED TRUSSES; FRAMING, CONNECTIONS, BRIDGING (PERIODIC)

THE CONTRACTOR SHALL REQUEST SPECIAL INSPECTION OF THE ITEMS LISTED ABOVE PRIOR TO THOSE ITEMS BECOMING INACCESSIBLE AND UNOBSERVABLE DUE TO PROGRESSION OF THE WORK.

DESIGN DATA	
2018 INTERNATIONAL BUILDING CODE / ASCE 7-16	
BUILDING OCCUPANCY CATEGORY	II
ROOF LOAD	
LIVE LOAD	20
TOP CHORD DEAD/COLLATERAL LOAD	10
BOTTOM CHORD DEAD/COLLATERAL LOAD	10
TOTAL TO WALLS	40 lbs/sqft
ROOF SNOW LOAD: (*UNBALANCED & DRIFTING SNOW TO BE DETERMINED IN ADDITION TO UNIFORM LOAD, WHERE APPLICABLE)	
$P_s =$	20 lbs/sqft
$C_s =$	10
$I_e =$	10
$C_e =$	10
$P_u =$	15.5 lbs/sqft
$P_s =$	15.5 lbs/sqft
BASIC DESIGN WIND LOAD	
$V =$	109 MPH (3-SECOND GUST)
$I_e =$	10
EXPOSURE	
INTERNAL PRESSURE COEFFICIENT -	+ 0.18
MAXIMUM COMPONENTS & CLADDING WIND	+ 33.75 lbs/sqft
EARTHQUAKE DESIGN DATA	
$S_{DS} =$	0.137
$S_R =$	0.084
$S_{M1} =$	0.146
$S_{M2} =$	0.134
SITE CLASS D	
SESMC DESIGN CATEGORY C	
BASIC SEISMIC-FORCE-RESISTING SYSTEM =	
INTERMEDIATE REINFORCED MASONRY SHEAR WALLS	
$R =$	3.5
$\Omega_e =$	2.5
$C_u =$	2.25
$I_e =$	10
EQUIVALENT LATERAL FORCE PROCEDURE	
$V =$	0.42W
NET ALLOWABLE SOIL BEARING	
	2,100 lbs/sqft** (CONTINUOUS)
	2,500 lbs/sqft** (ISOLATED)
(**PER GEOTECHNICAL REPORT BY CROCKETT GIL DATED JUNE 27, 2024)	

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ROOF FRAMING PLAN	S-300
ROOF FRAMING DETAILS	S-310 - S-311

NOTE:
 ALL DIMENSIONS ARE FROM FACE OF FOUNDATION WALL OR FRAMING; EDGE OF SLAB; OR CENTERLINE OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.

FOUNDATION NOTES

① FOOTING STEP, REFER TO DETAIL FS1/S-210.

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



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OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
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NEW COMFORT STATION

MISSOURI STATE
 FAIRGROUNDS (MSF)
 2503 W. 16TH ST.
 SEDALIA, MO

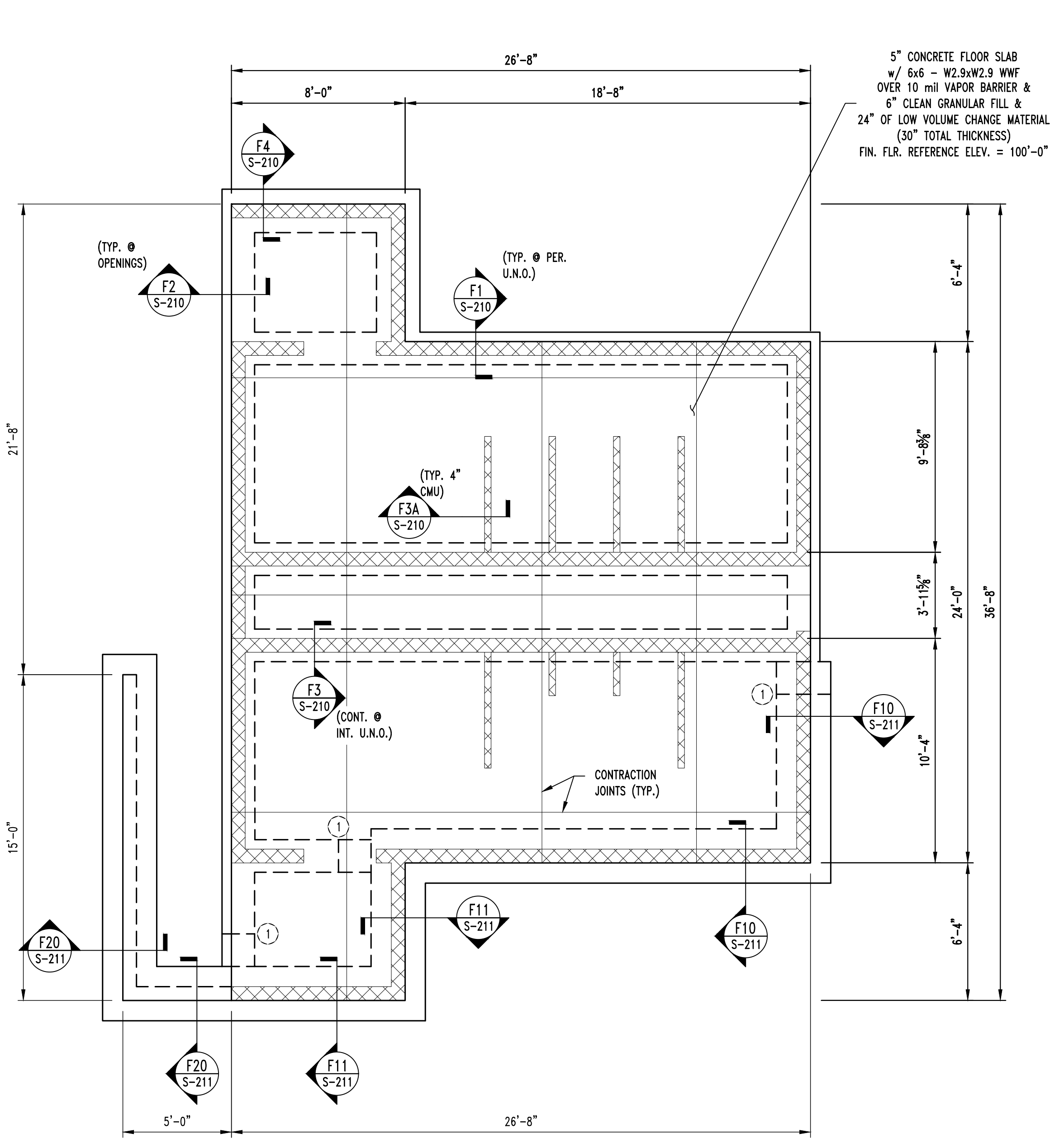
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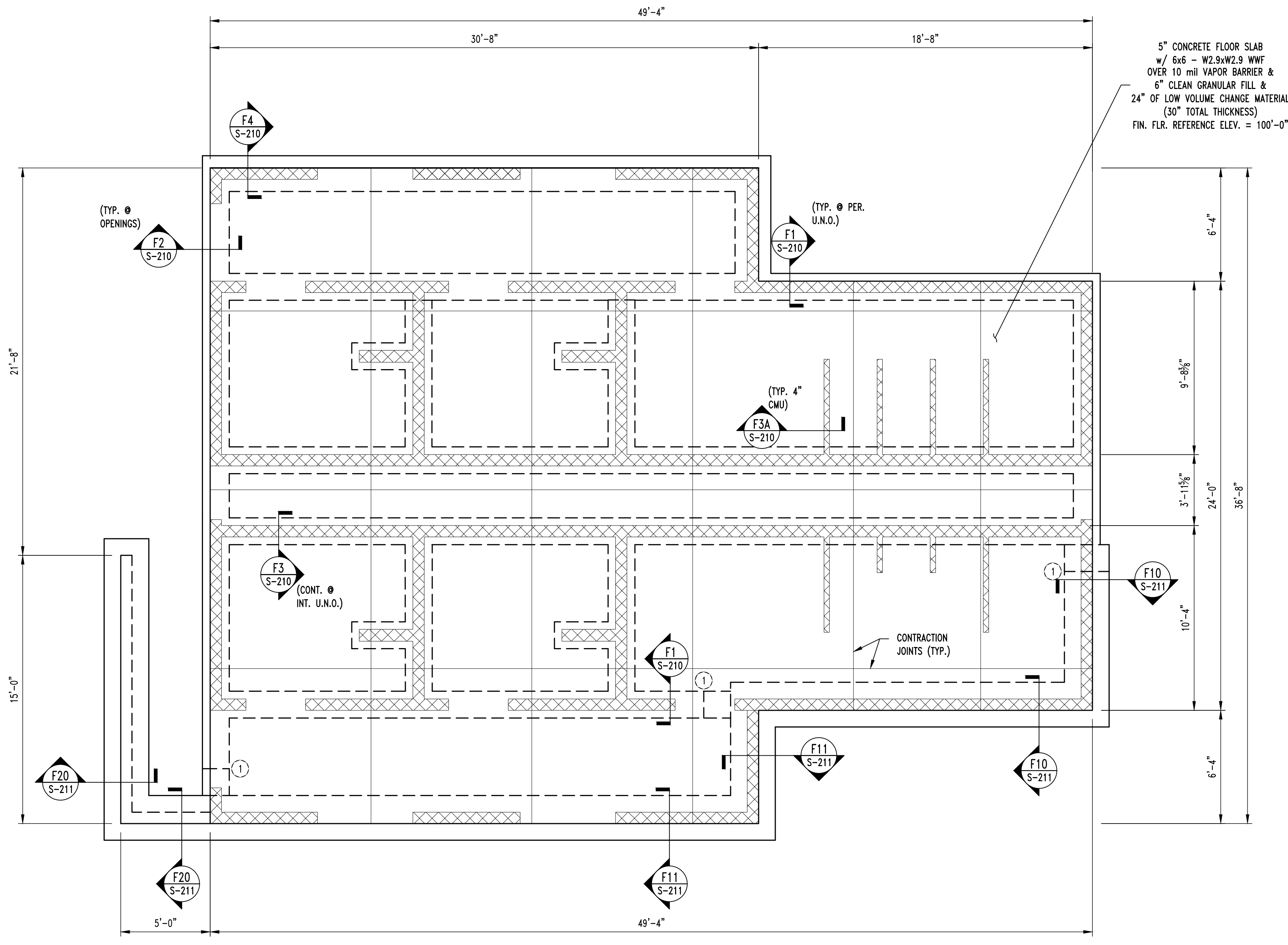
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SHEET TITLE:
**FOUNDATION
 PLAN**

SHEET NUMBER:
S-200
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①
 S-200
FOUNDATION PLAN (BASE BID)
 SCALE: 1/4" = 1'-0"
 N



②
 S-200
FOUNDATION PLAN (ALTERNATE #1)
 SCALE: 1/4" = 1'-0"
 N



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MISSOURI STATE
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2503 W. 16TH ST.
SEDALIA, MO

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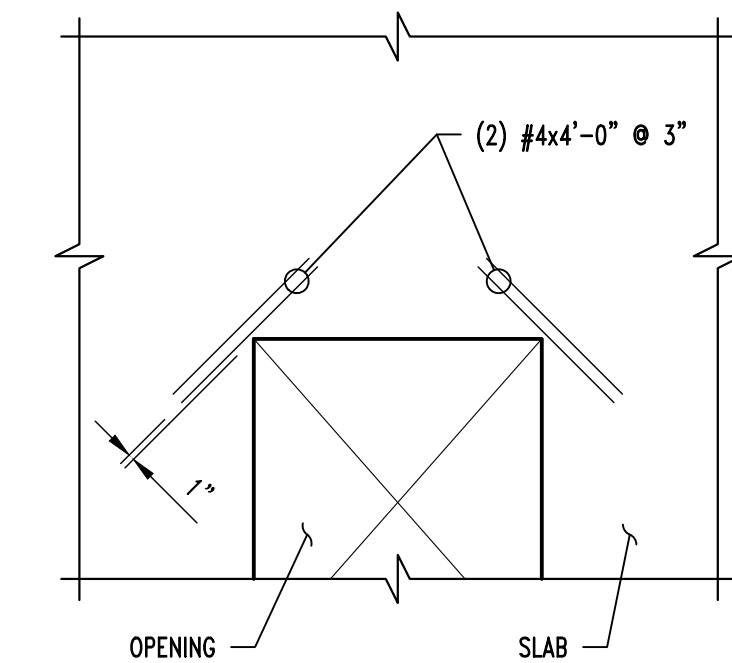
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**FOUNDATION
DETAILS**

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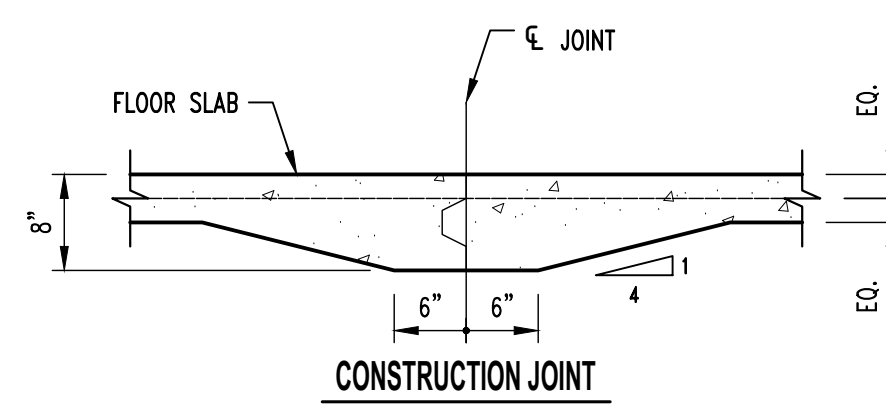
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2024-10-18

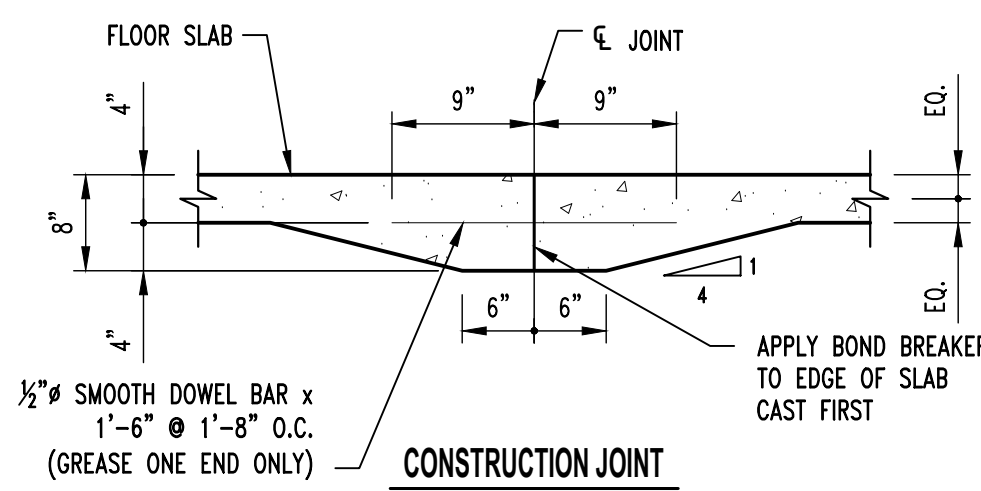


NOTE:
TYPICAL AT ALL REENTRANT CORNERS FOR
SLAB-ON-GRADE & STRUCTURAL SLAB.
REINFORCING TO BE CENTERED IN SLAB THICKNESS.

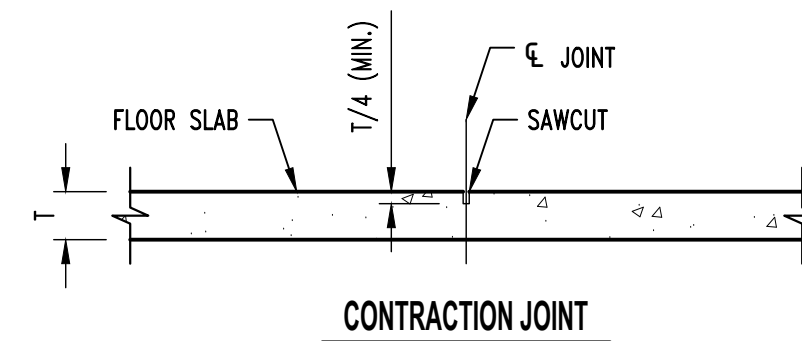
CRACK CONTROL REINFORCING



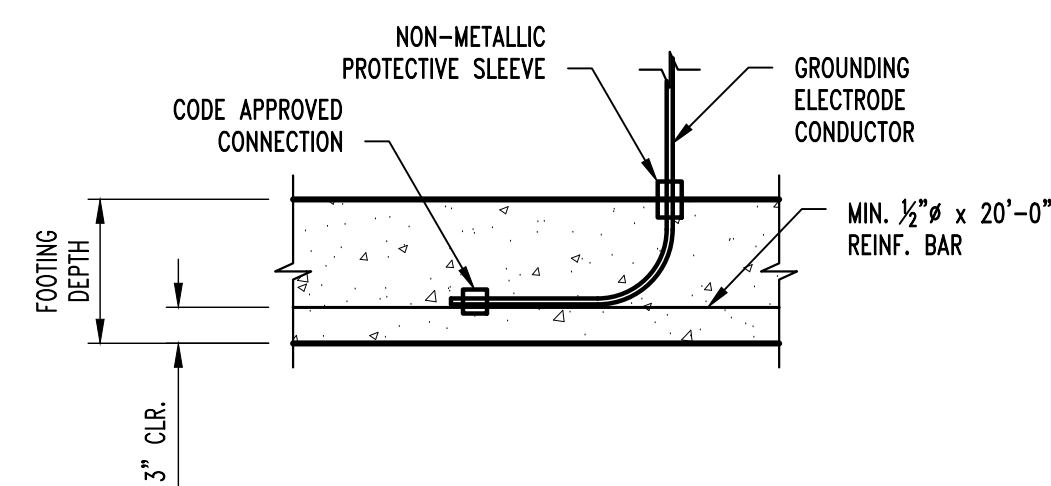
CONSTRUCTION JOINT



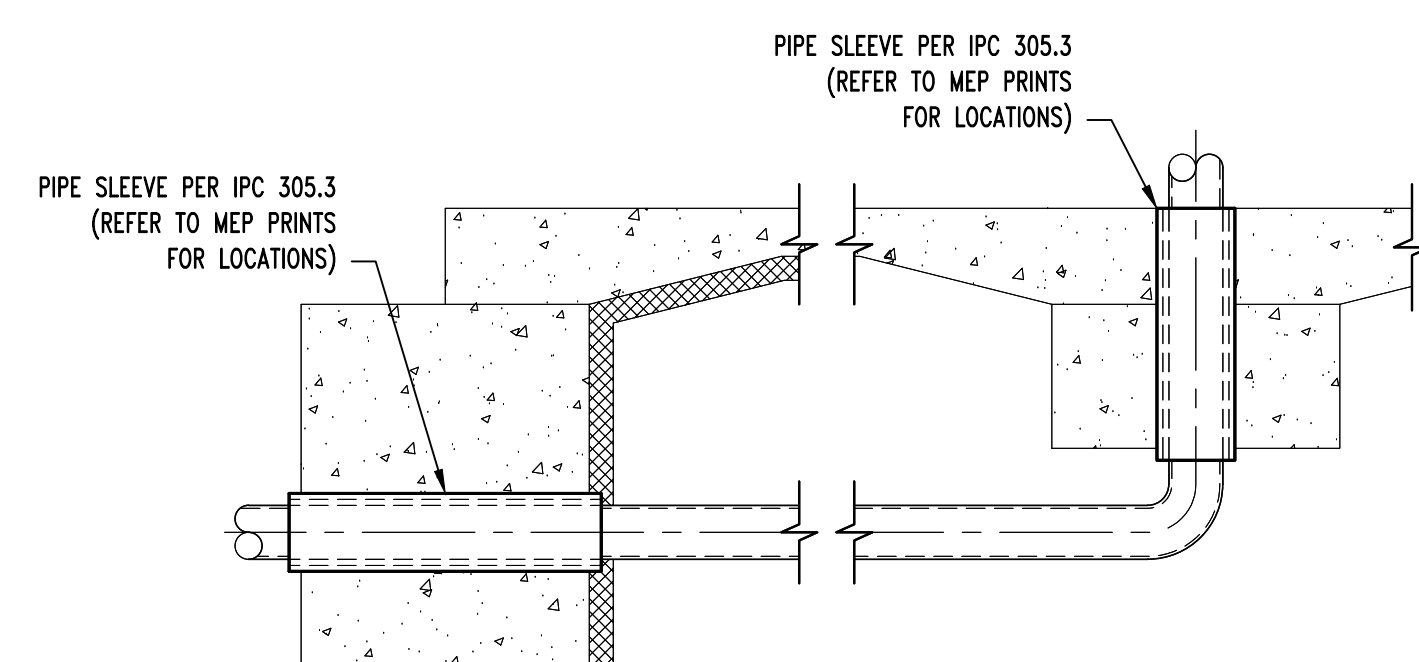
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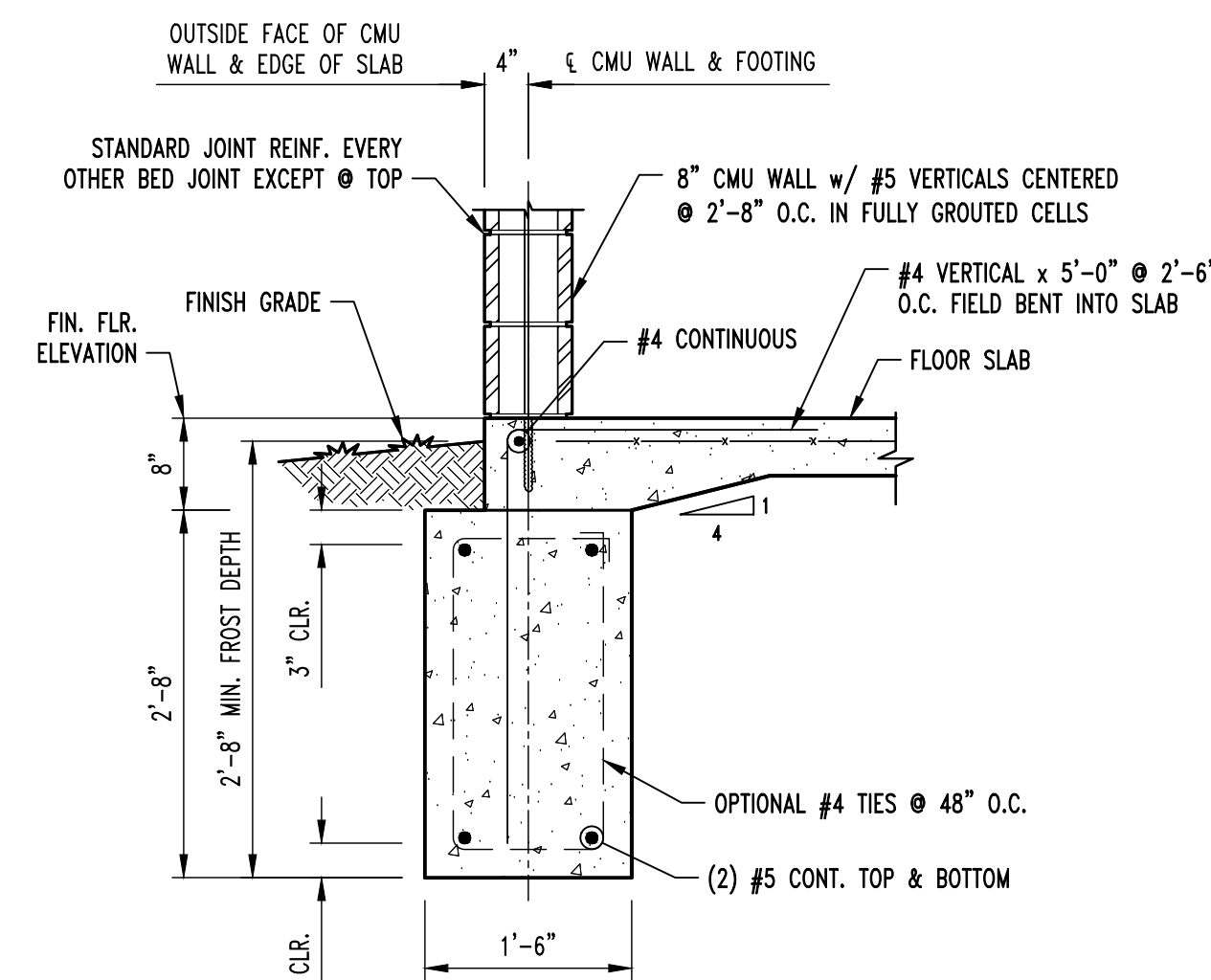
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TYP. ELECTRICAL GROUNDING DETAIL @ FOOTING

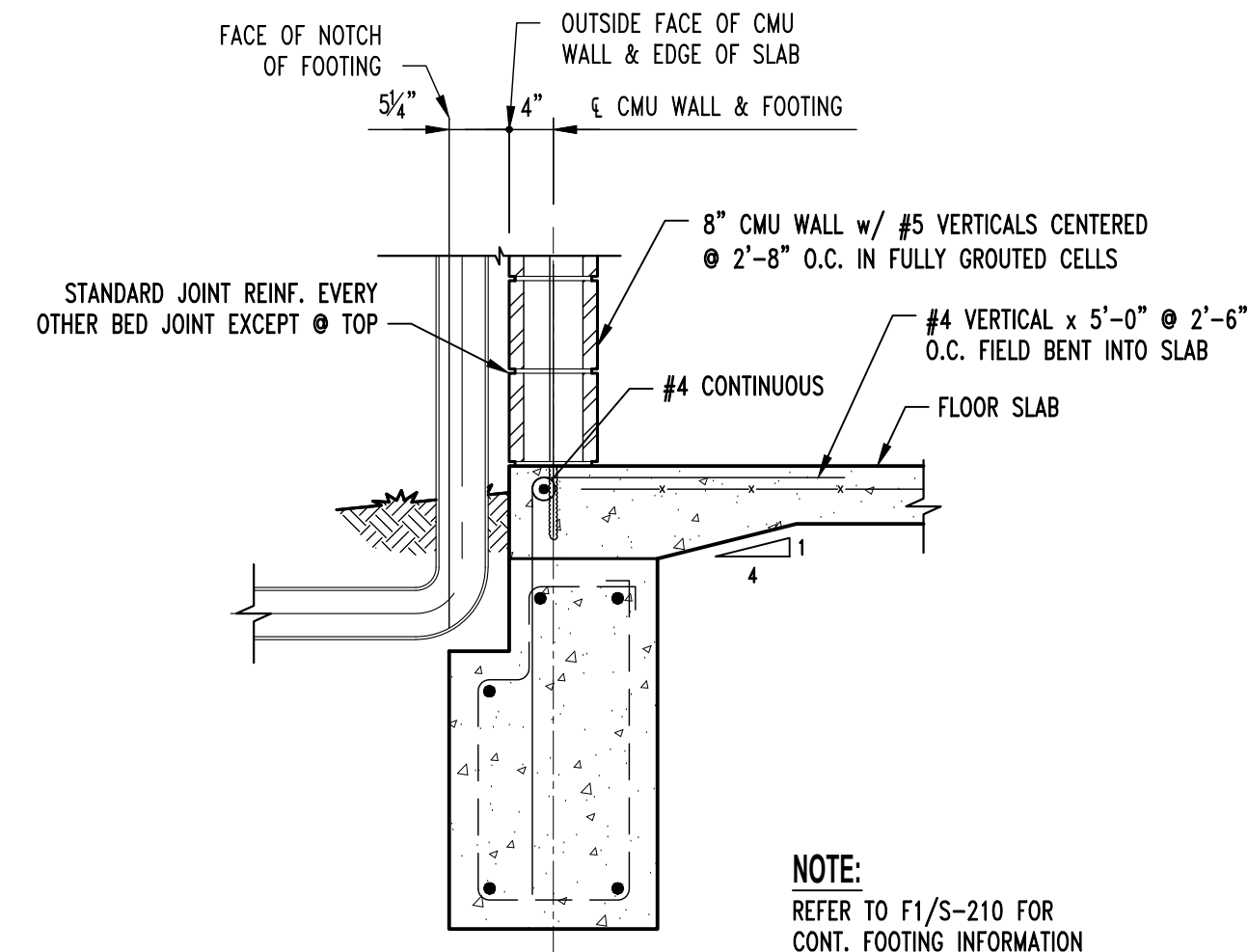


TYP. PLUMBING COORDINATION DETAILS



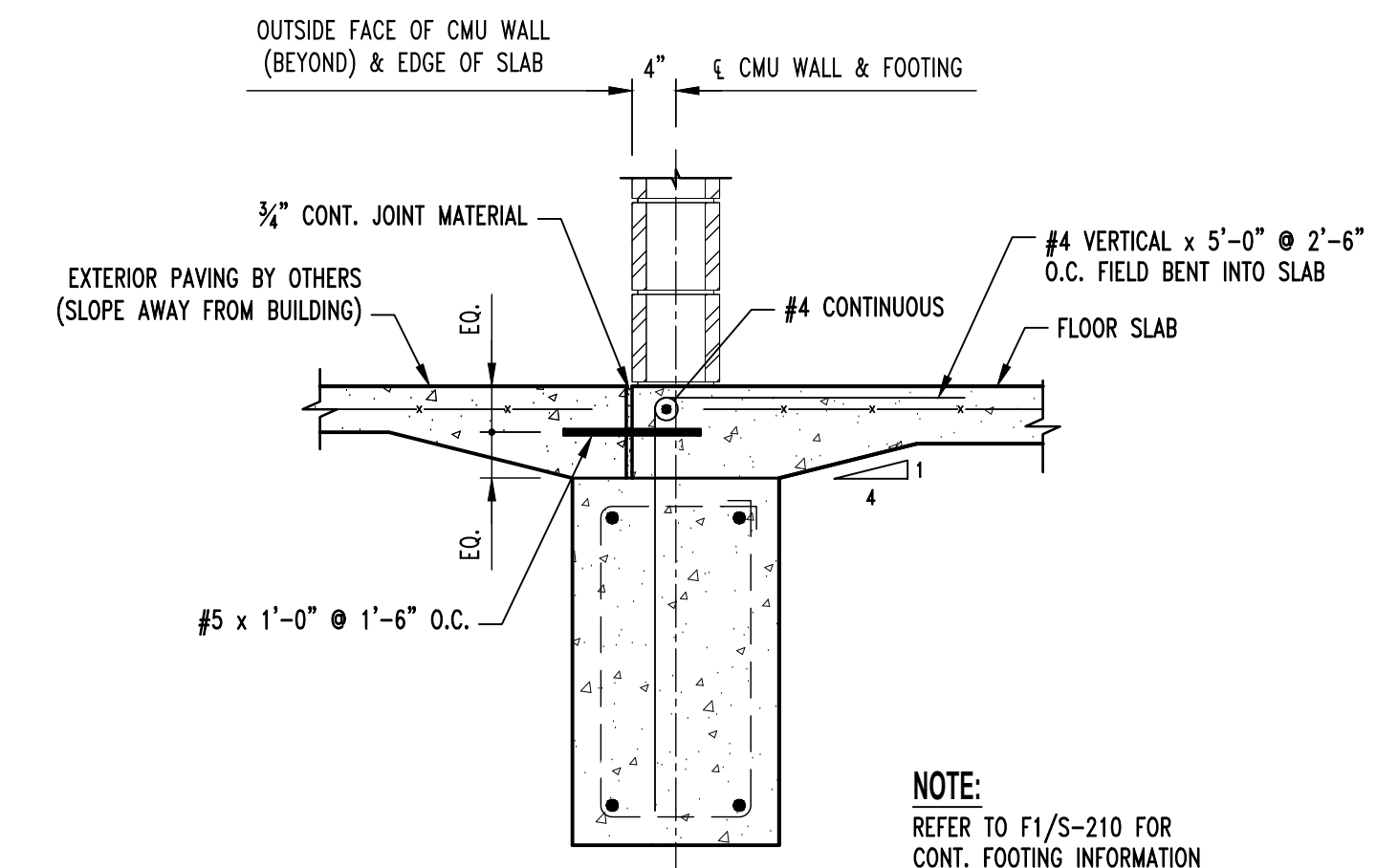
CONTINUOUS FOOTING SECTION

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



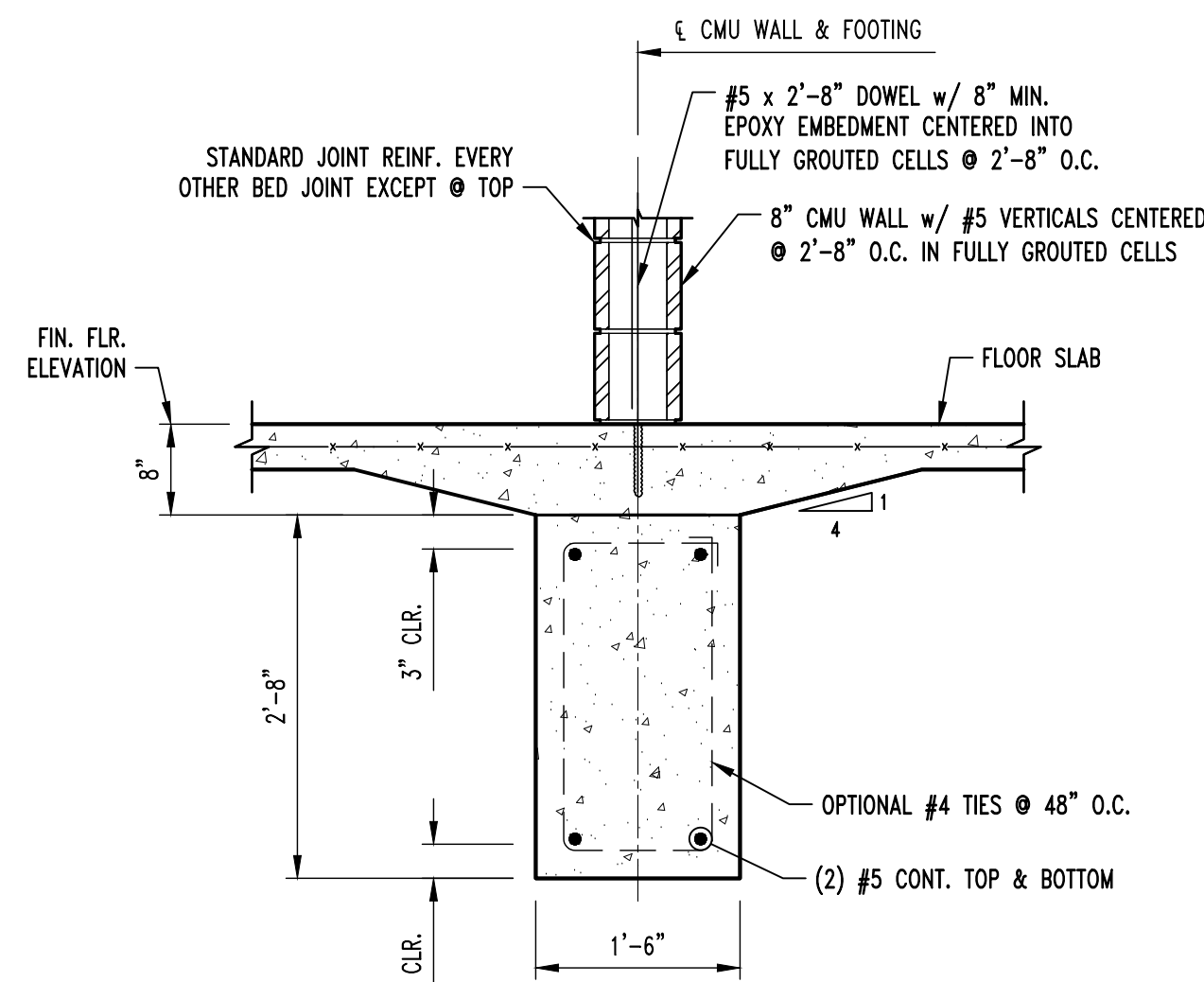
CONTINUOUS FOOTING SECTION @ DOWNSPOUT

NOTE:
REFER TO ARCHITECTURAL
PLANS FOR LOCATION.



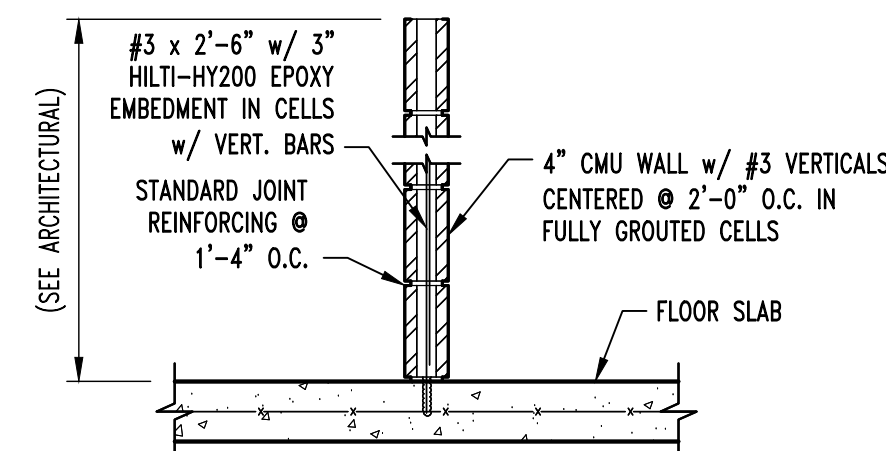
CONTINUOUS FOOTING SECTION @ DOOR

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



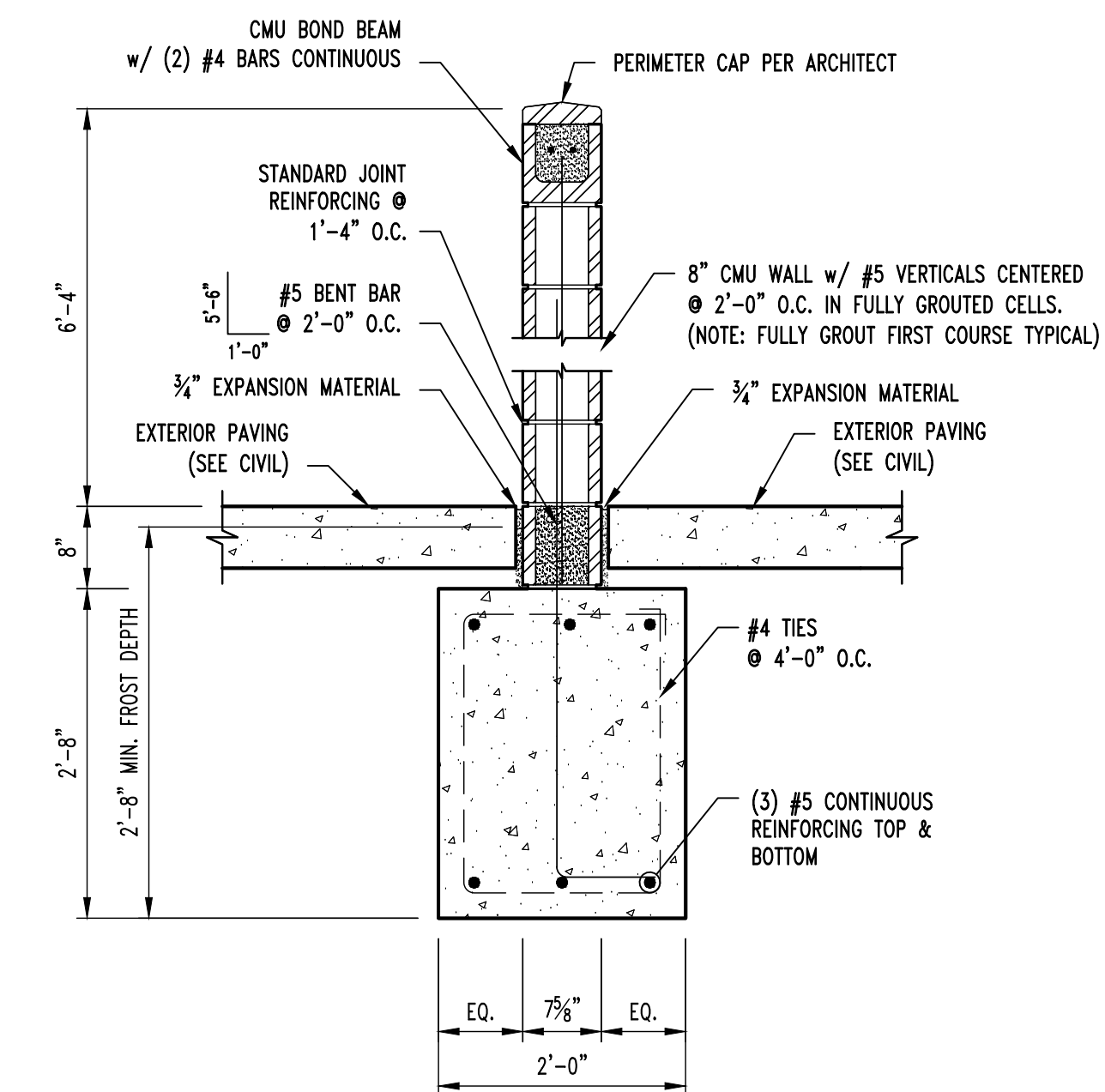
BRG. WALL CONTINUOUS FOOTING SECTION

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



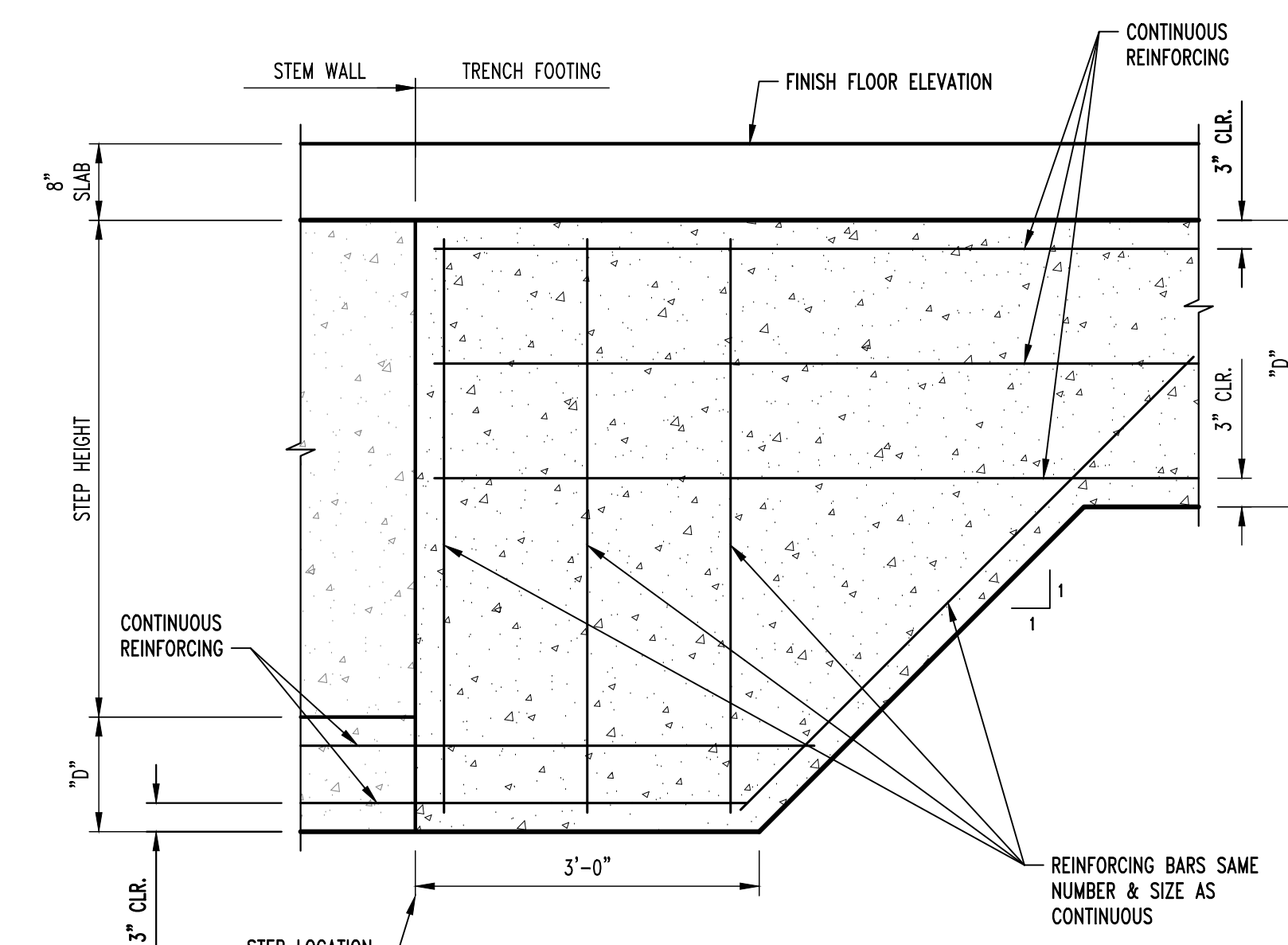
4" CMU ON SLAB SECTION

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



WALL FOOTING SECTION

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



FOOTING STEP SECTION

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



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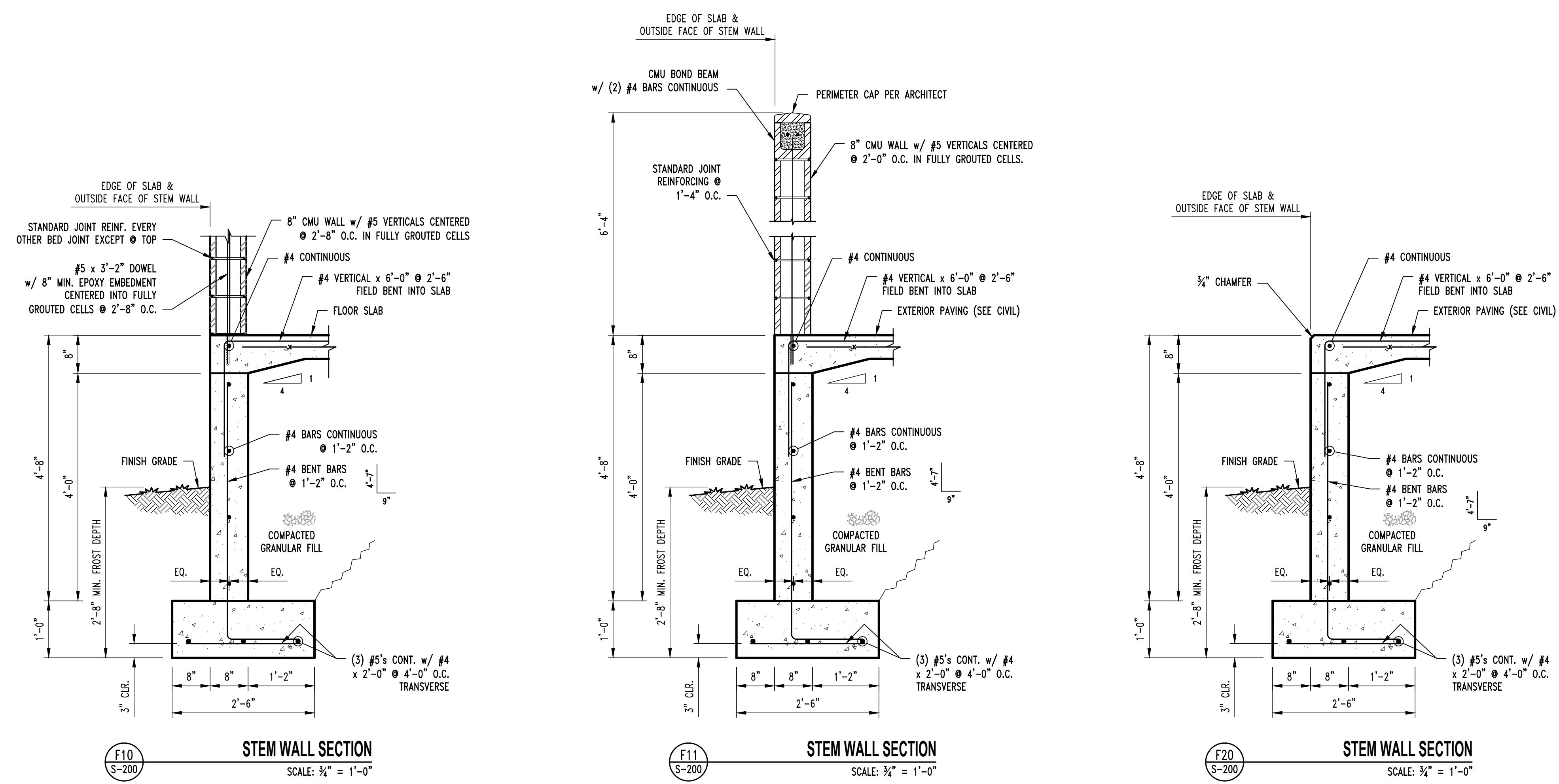
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SHEET TITLE:
**FOUNDATION
DETAILS**

SHEET NUMBER:
S-211
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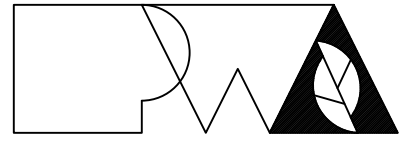


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FRAMING NOTES

- ① CMU LINTEL. REFER TO DETAIL SM1 SHEET S-311.
- ② INSTALL LINTEL FOR FUTURE OPENINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



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 (573) 447-0292
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OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

NEW COMFORT STATION

MISSOURI STATE
 FAIRGROUNDS (MSF)
 2503 W. 16TH St.
 SEDALIA, MO

PROJECT # F2406-01
 SITE # 1501
 ASSET # 3511501146

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 2024-10-18

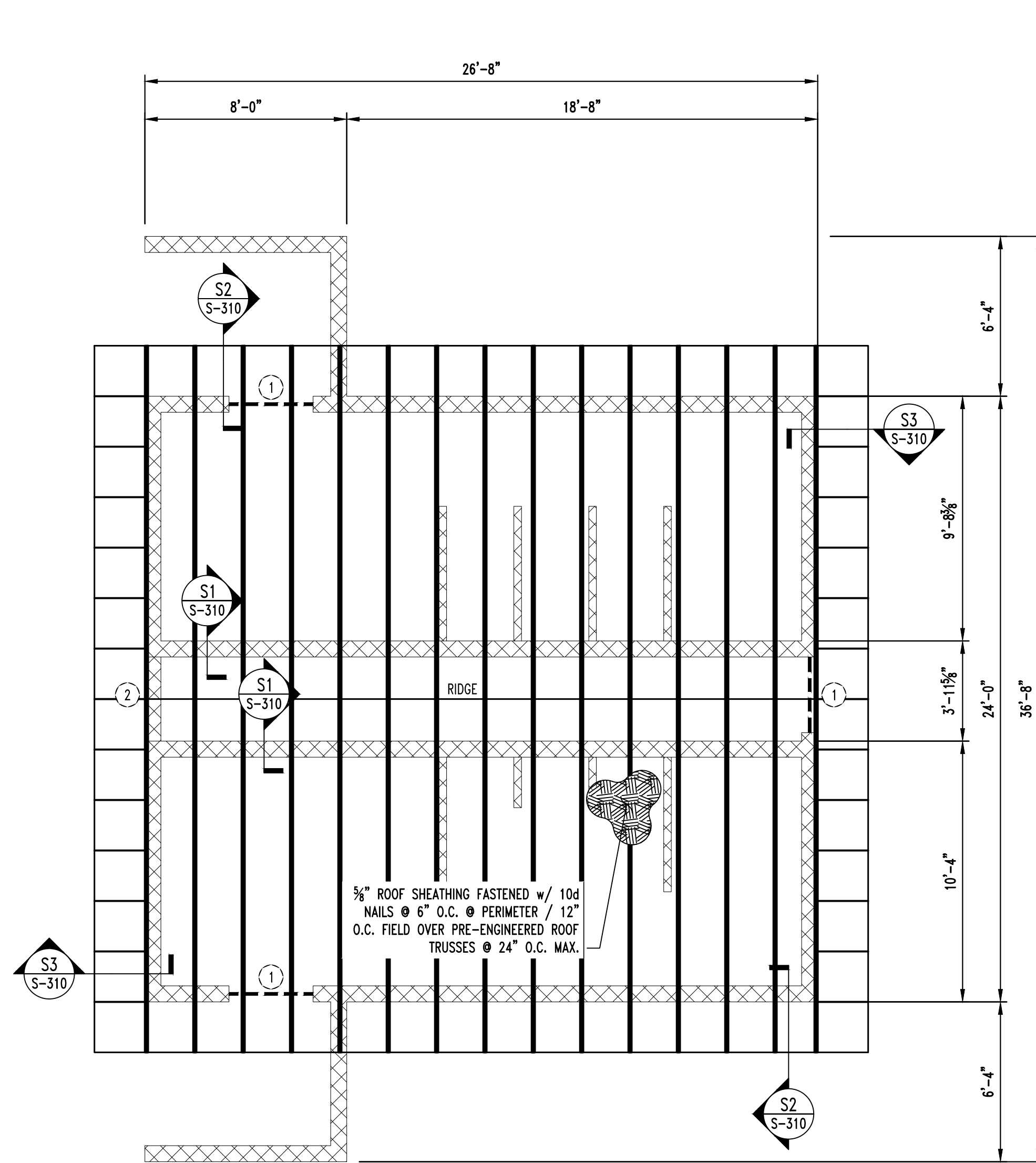
CAD DWG FILE: 240157
 DRAWN BY: ZMP
 CHECKED BY: JWV
 DESIGNED BY: JWV

SHEET TITLE:
**ROOF FRAMING
 PLAN**

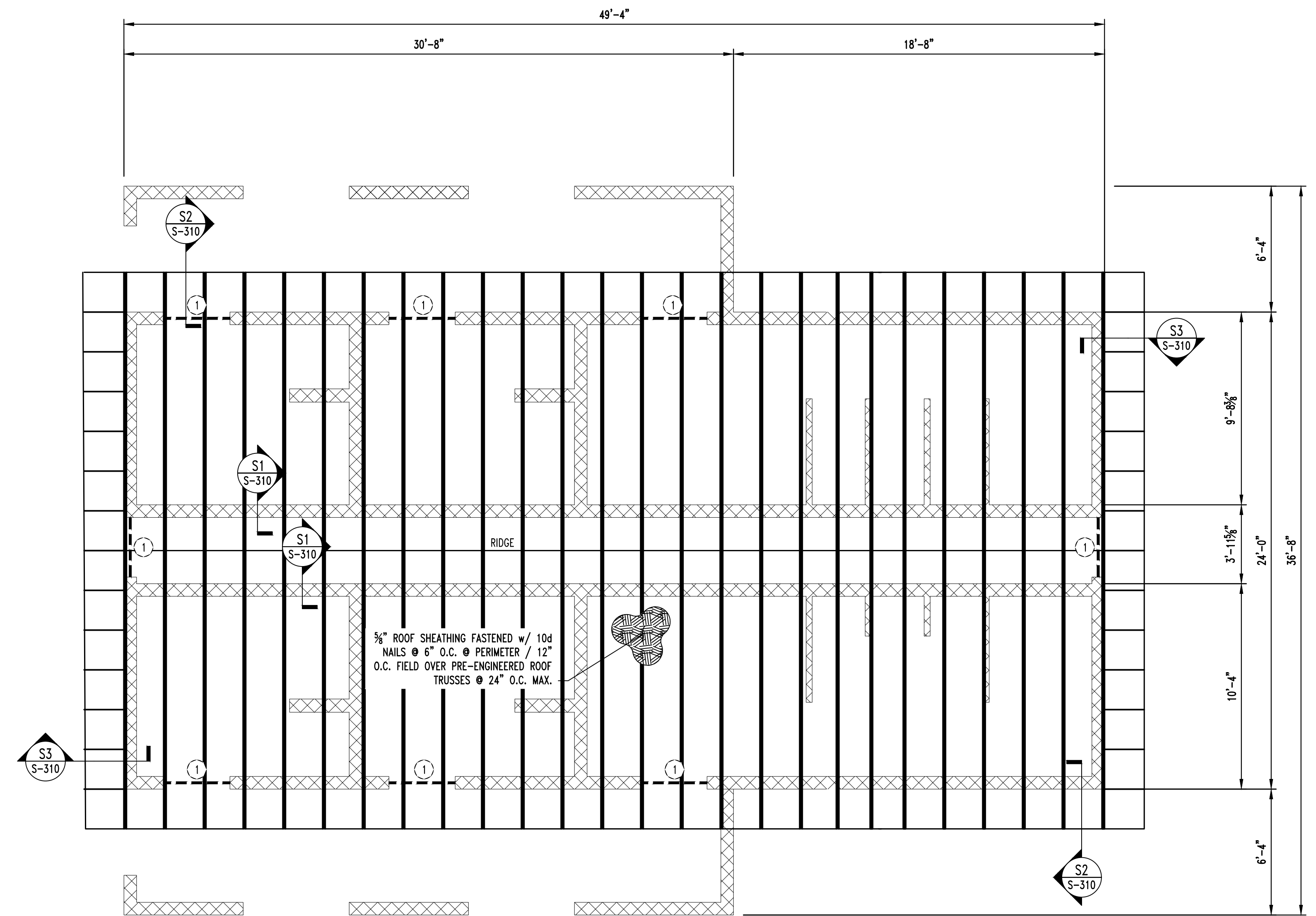
SHEET NUMBER:

S-300

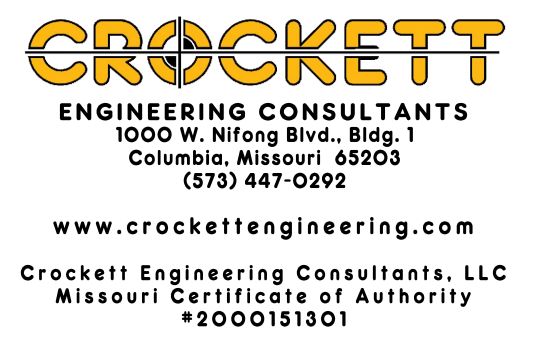
13 OF 33 SHEETS
 2024-10-18



① FOUNDATION PLAN (BASE BID)
 SCALE: 1/4" = 1'-0"



② ROOF FRAMING PLAN (ALTERNATE #1)
 SCALE: 1/4" = 1'-0"



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NEW COMFORT STATION

MISSOURI STATE
FAIRGROUNDS (MSF)
2503 W. 16TH ST.
SEDALIA, MO

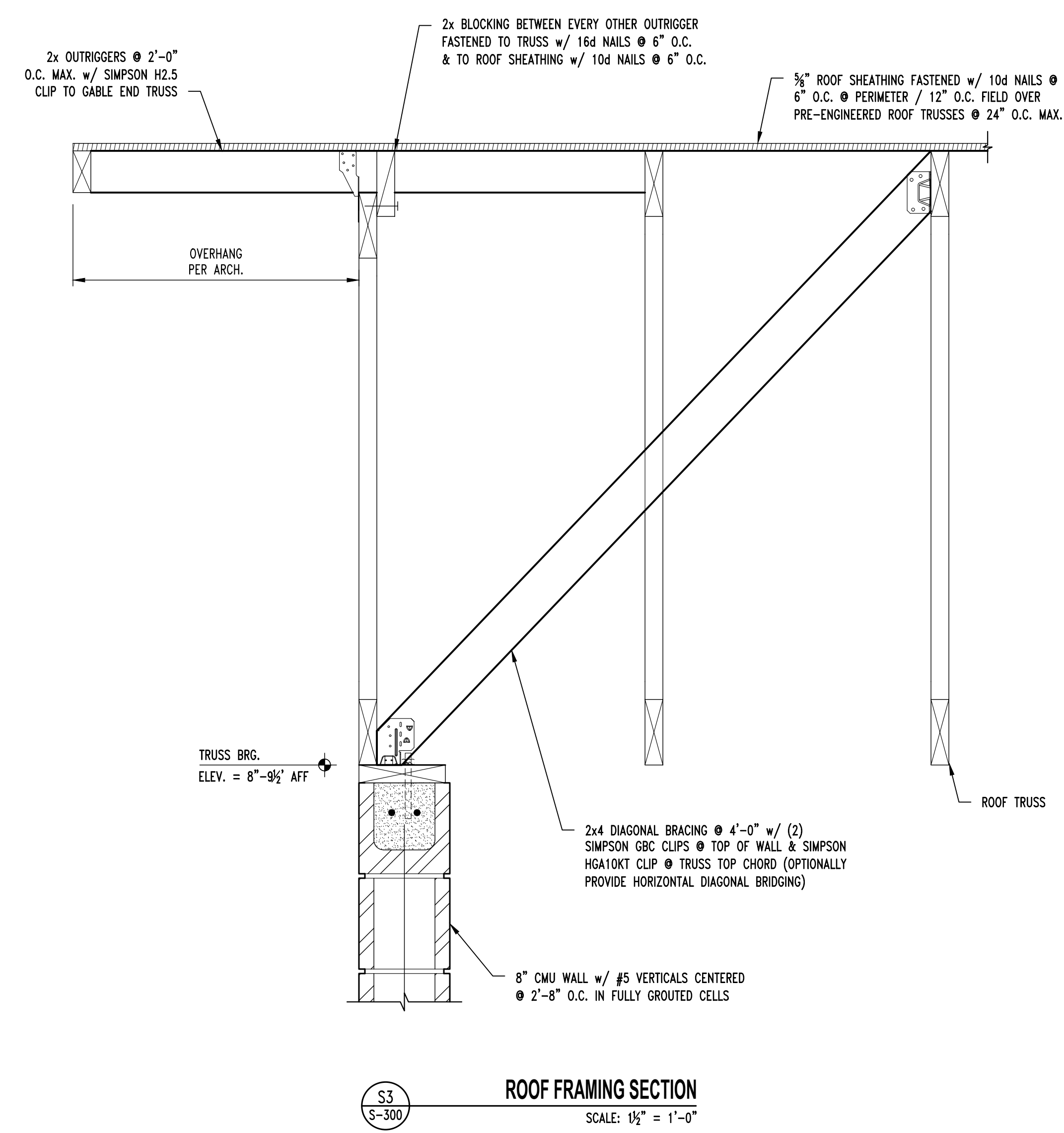
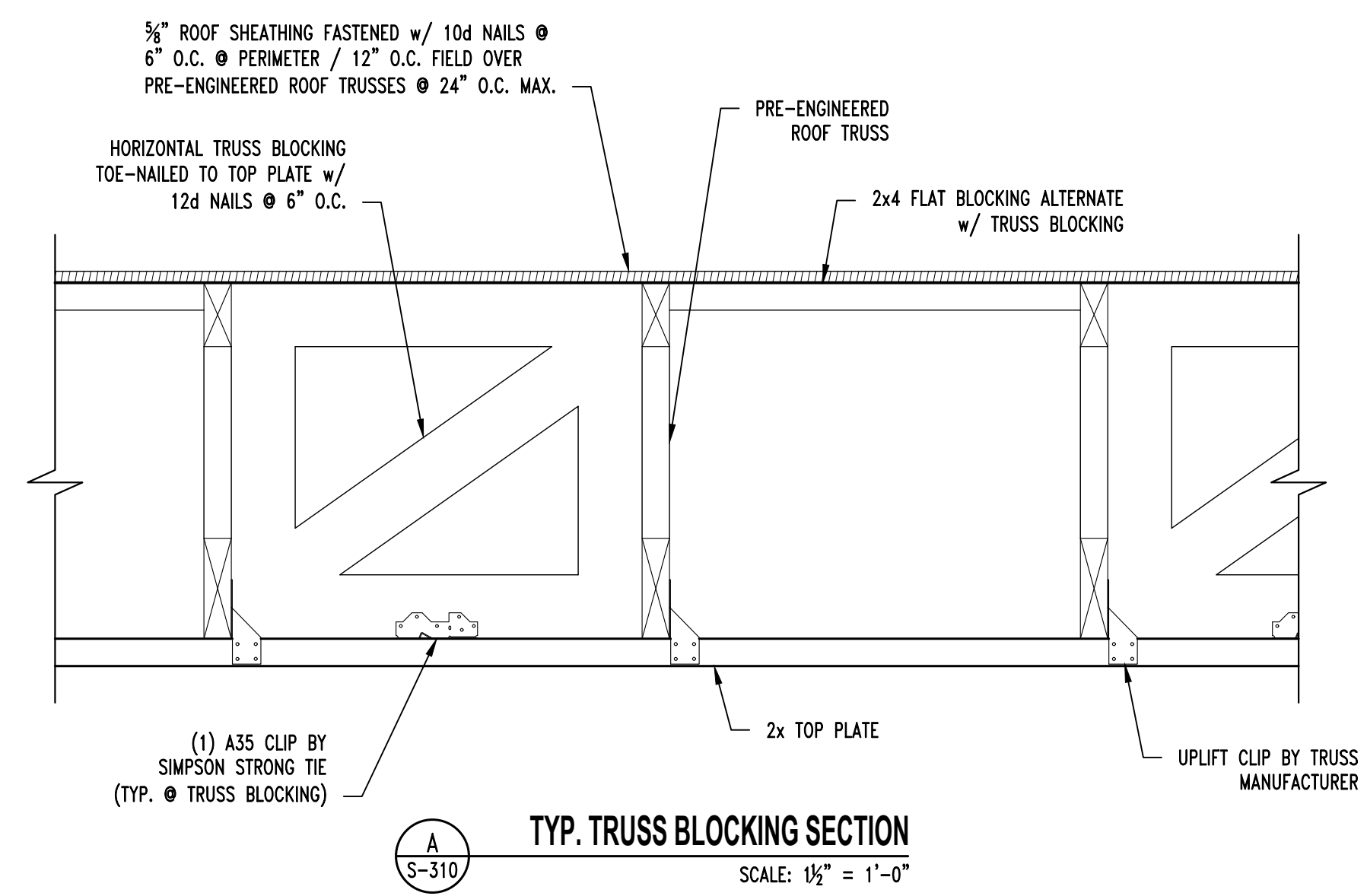
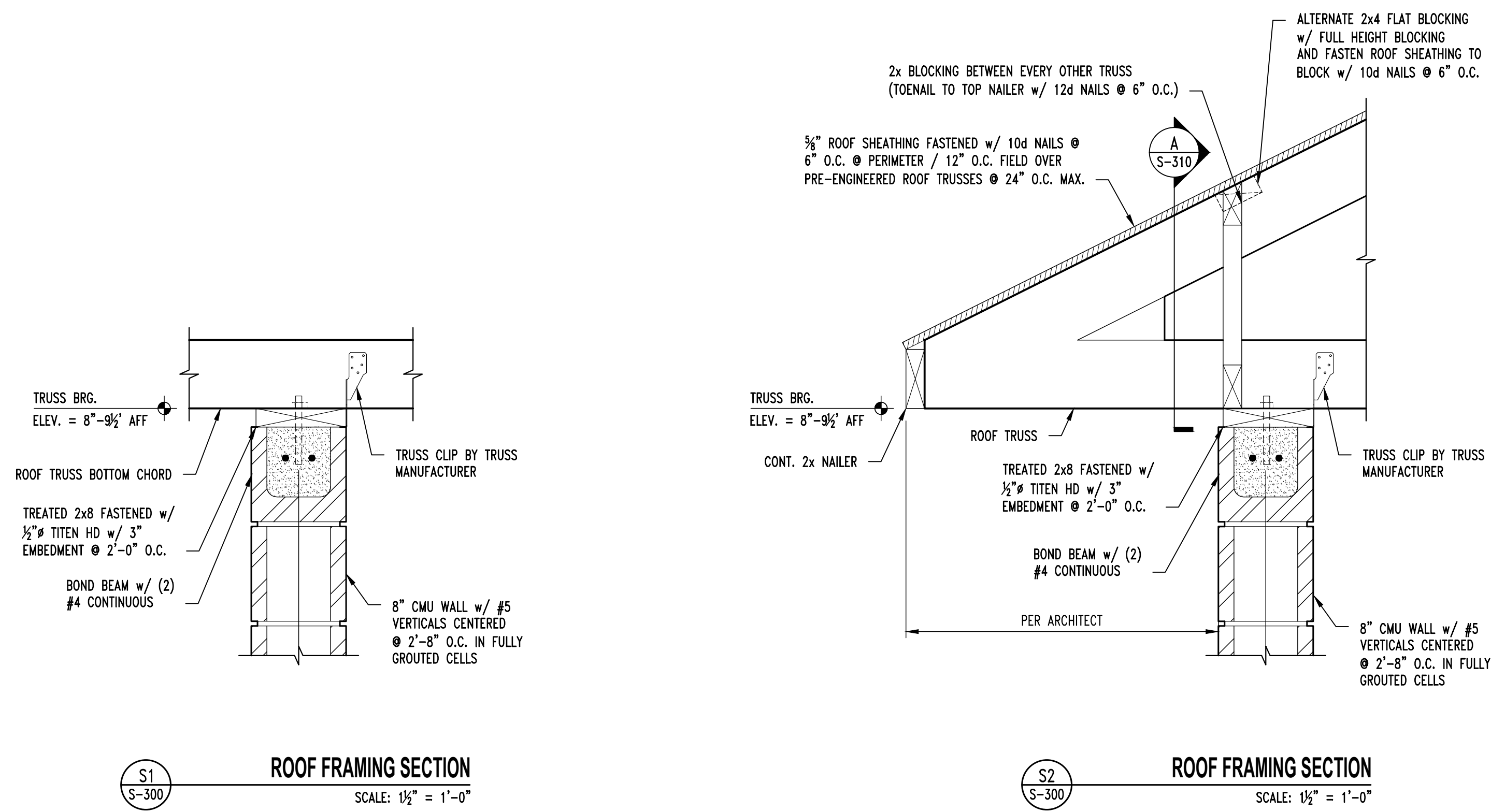
PROJECT # F2406-01
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DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: 240157
DRAWN BY: ZMP
CHECKED BY: JWV
DESIGNED BY: JWV

SHEET TITLE:
**ROOF FRAMING
DETAILS**

SHEET NUMBER:
S-310
14 OF 33 SHEETS
2024-10-18

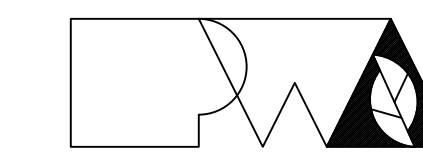


S1
S-300
ROOF FRAMING SECTION
SCALE: 1/2" = 1'-0"

S2
S-300
ROOF FRAMING SECTION
SCALE: 1/2" = 1'-0"

A
S-310
TYP. TRUSS BLOCKING SECTION
SCALE: 1/2" = 1'-0"

S3
S-300
ROOF FRAMING SECTION
SCALE: 1/2" = 1'-0"



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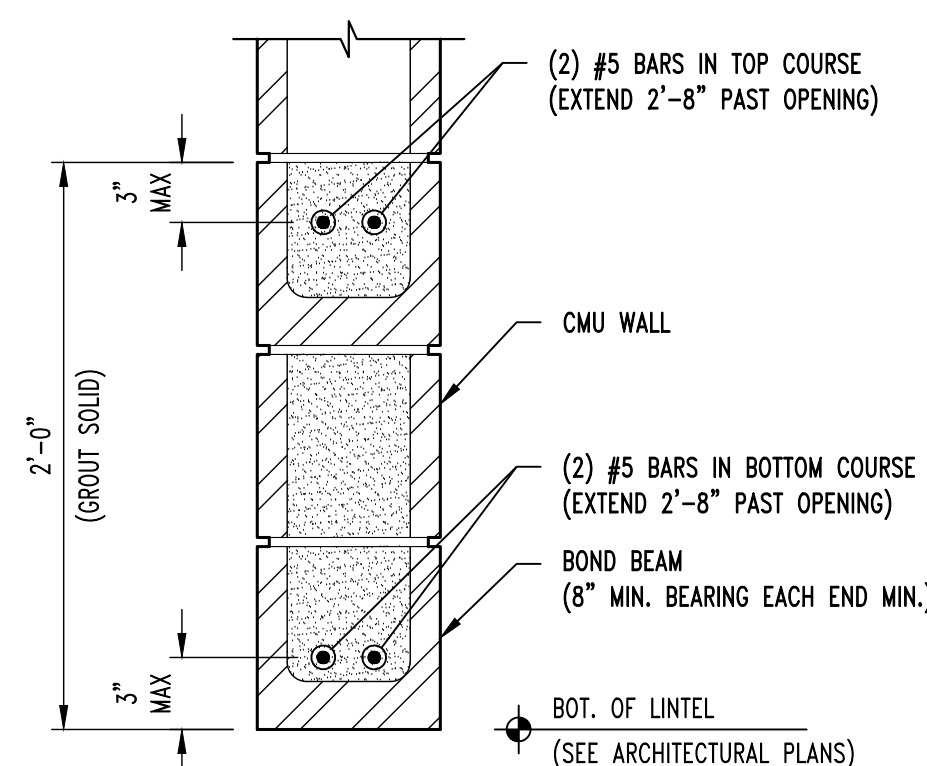
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DRAWN BY: ZMP
CHECKED BY: JWV
DESIGNED BY: JWV

SHEET TITLE:
**TYPICAL
MASONRY DETAILS**

SHEET NUMBER:

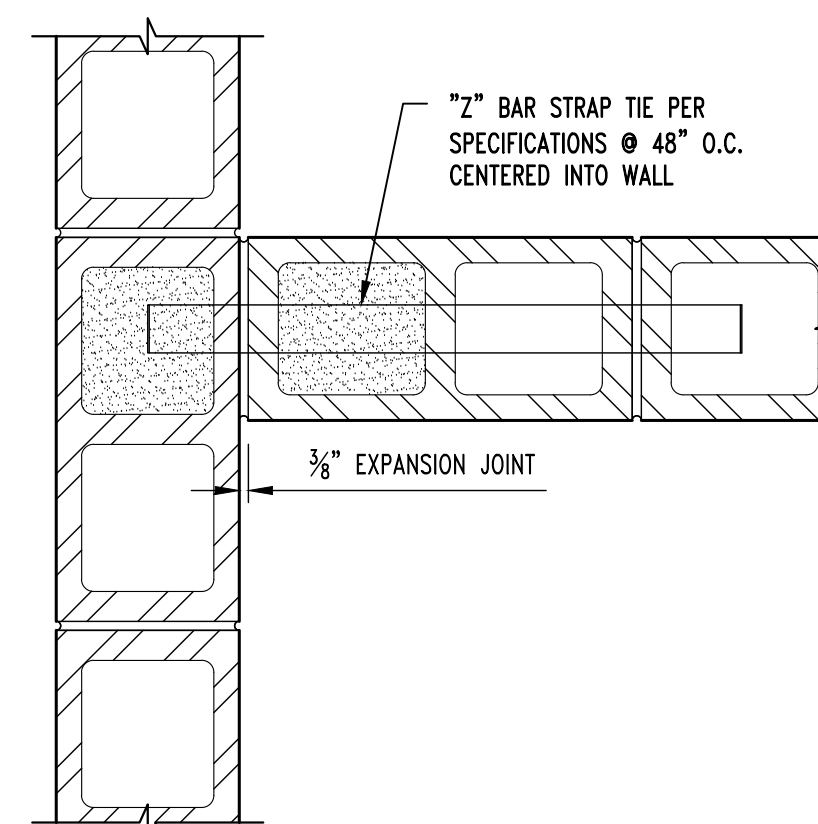
S-311

15 OF 33 SHEETS
2024-10-18

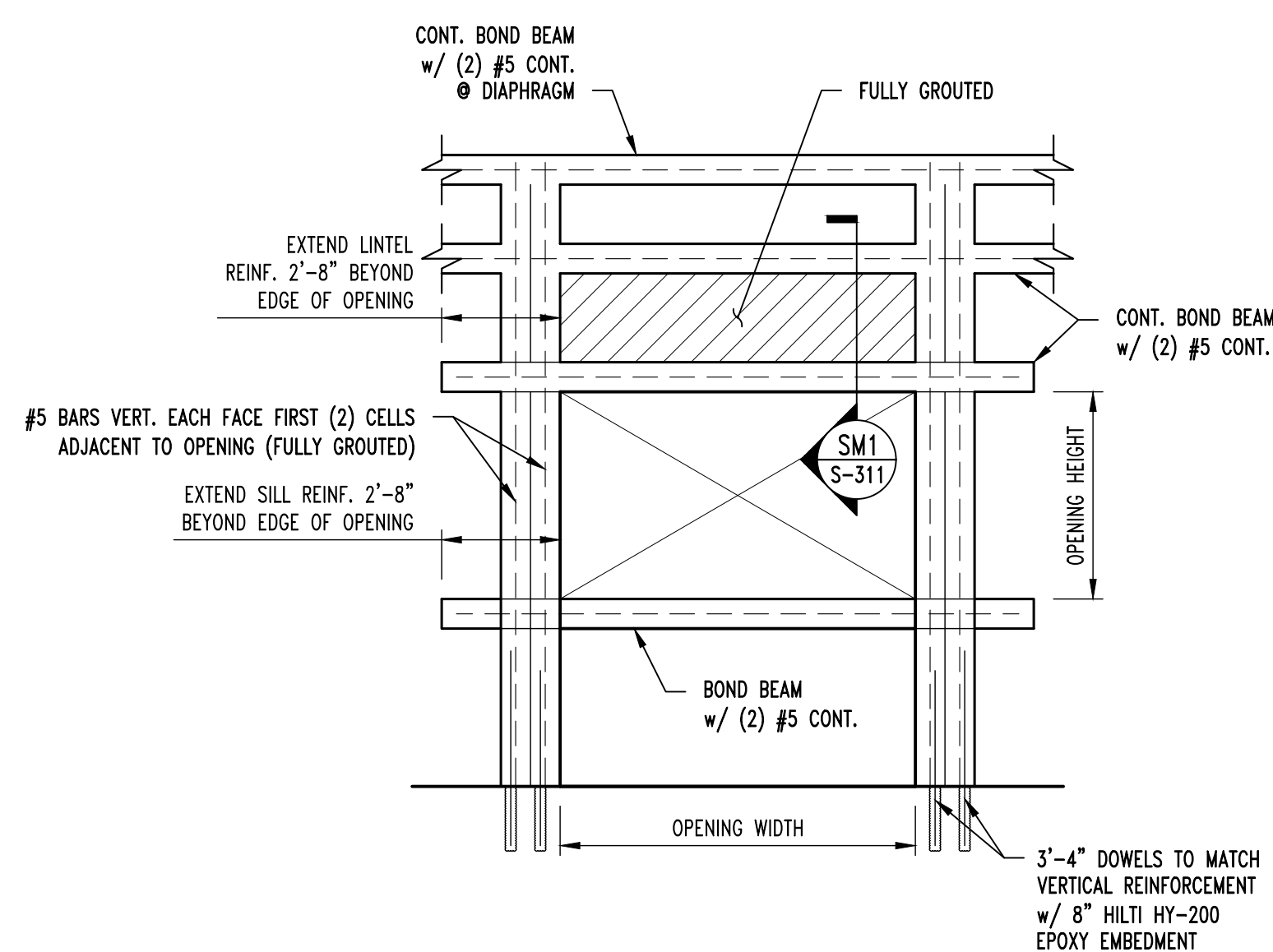


NOTE:
REFER TO FRAMING PLANS FOR CMU
LINTEL AT CANOPY LOCATIONS.

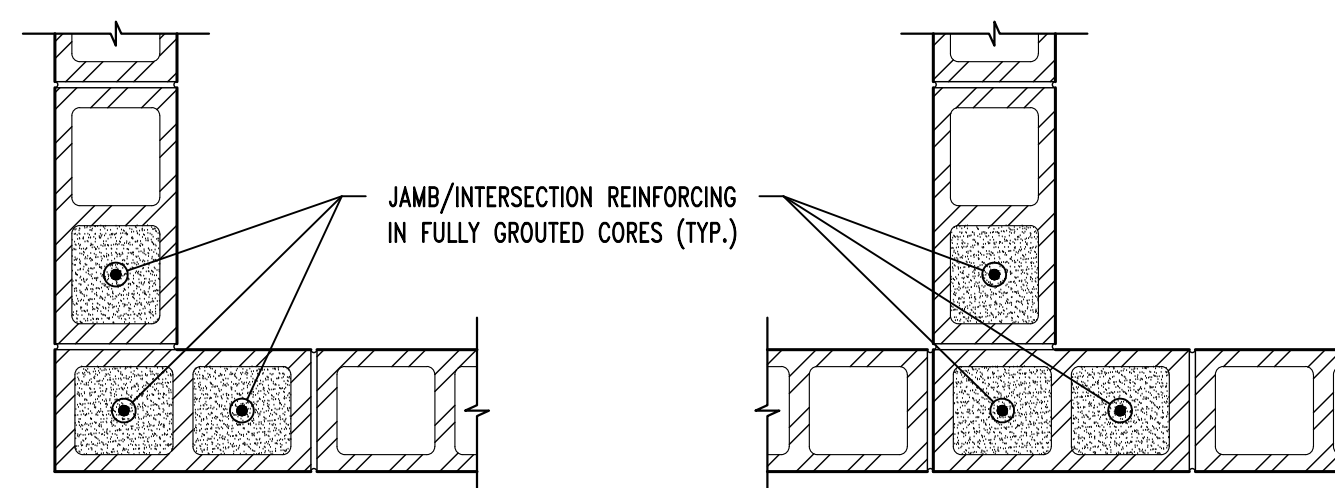
SM1
S-311
TYPICAL CMU LINTEL DETAIL
SCALE: 1/2" = 1'-0"



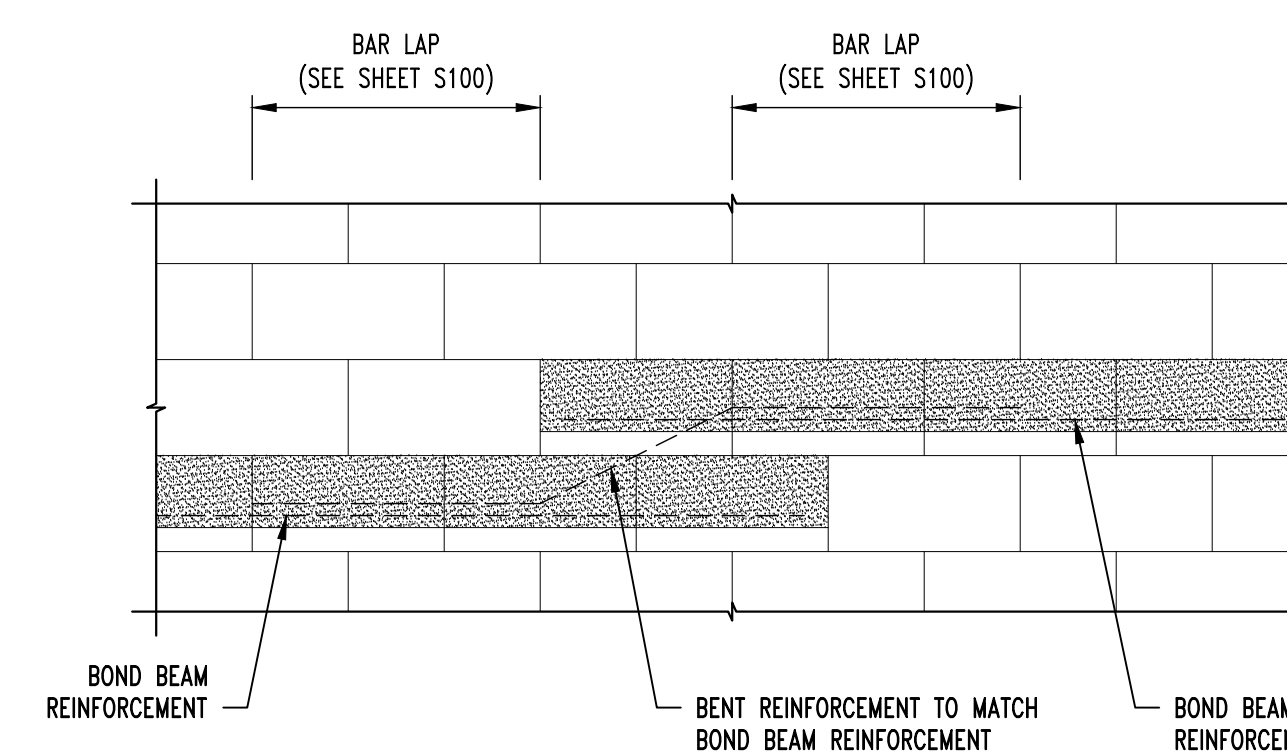
SM2
S-311
WALL INTERSECTION PLAN VIEW
SCALE: 1/2" = 1'-0"



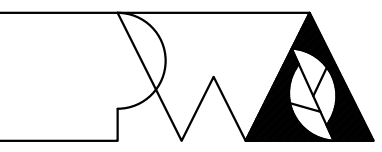
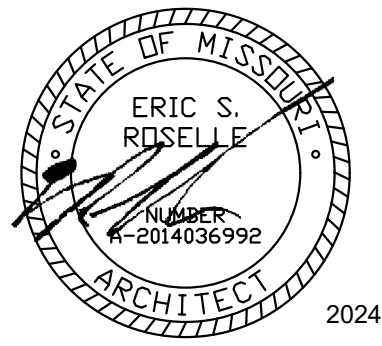
TYPICAL MASONRY OPENING REINFORCEMENT



TYPICAL CMU WALL VERT REINFORCING



TYPICAL STEP IN BOND BEAM



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AT SWINE PAVILION

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2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501037

REVISION:
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: A-101
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**FLOOR PLAN
& DETAILS**

SHEET NUMBER:

A-101

16 OF 33 SHEETS
2024-10-18

A-101 SCOPE OF WORK NOTES

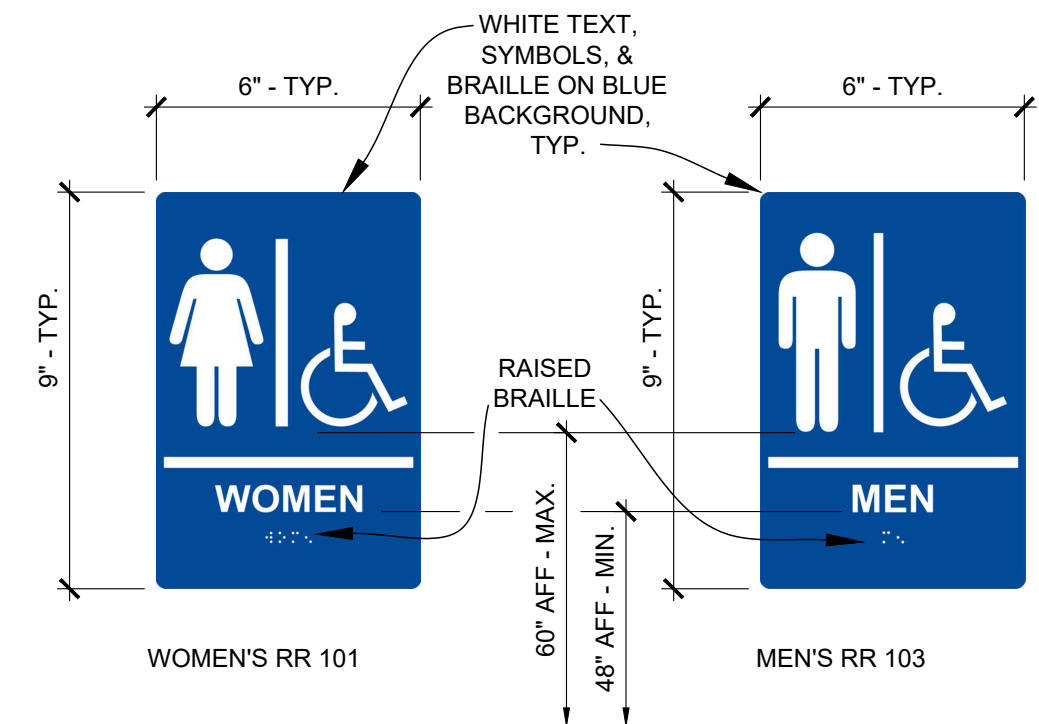
- 1 16X8 FOUNDATION VENT W/ DAMPER; SET SILL @ 8" AFF
- 2 3X4 METAL DOWNSPOUT TO BOOT TO GRADE TO DRAIN - SEE CIVIL; COORDINATE ANY REQUIRED SLEEVING W/ FOUNDATION WORK
- 3 NOT USED
- 4 ACCESSIBLE RESTROOM SIGN - SEE J13/A-101

FLOOR PLAN PARTITION TYPE KEY

- 8" SPLIT-FACE CMU WALL - SEE STRUCTURAL
- 4" CMU PARTITION WALL @ 6'-8" TALL, TYP.
- 8" CMU WALL - SEE STRUCTURAL
- RTA RAILING TYPE 'A': SEE A9/A-302
- RTB RAILING TYPE 'B': SEE A9/A-302

GENERAL FLOOR PLAN NOTES

- FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY ARCHITECT OF ANY DIMENSIONS OR WORK DIFFERING FROM THAT SHOWN, FOR CLARIFICATION BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- VERIFY ALL ROUGH OPENINGS FOR DOORS, LOUVERS, EQUIPMENT, & OTHER "BUILT-IN" ITEMS PRIOR TO EXECUTION OF ANY WORK AFFECTED BY SAME.
- LOCATE DOOR OPENINGS WHICH ARE NOT DIMENSIONED OTHERWISE, CENTERED IN WALL AND 6" FROM FINISH WALL TO FINISH JAMB.
- COORDINATE ALL FLOOR DRAINS AND OTHER REFERENCED MECHANICAL, ELECTRICAL, OR PLUMBING ITEMS W/ M.E.P.
- COORDINATE ALL REQUIRED UTILITIES WITH EQUIPMENT MANUFACTURER.
- ALL DIMENSIONS ARE TO FACE OF STUD - OR MASONRY - UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS - WHERE DIMENSIONAL DISCREPANCIES ARE ENCOUNTERED NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- COORDINATE HEIGHTS OF OUTLETS & SWITCHING WITH ALL ARCHITECTURAL ITEMS. SEE M/E DRAWINGS FOR LOCATIONS.



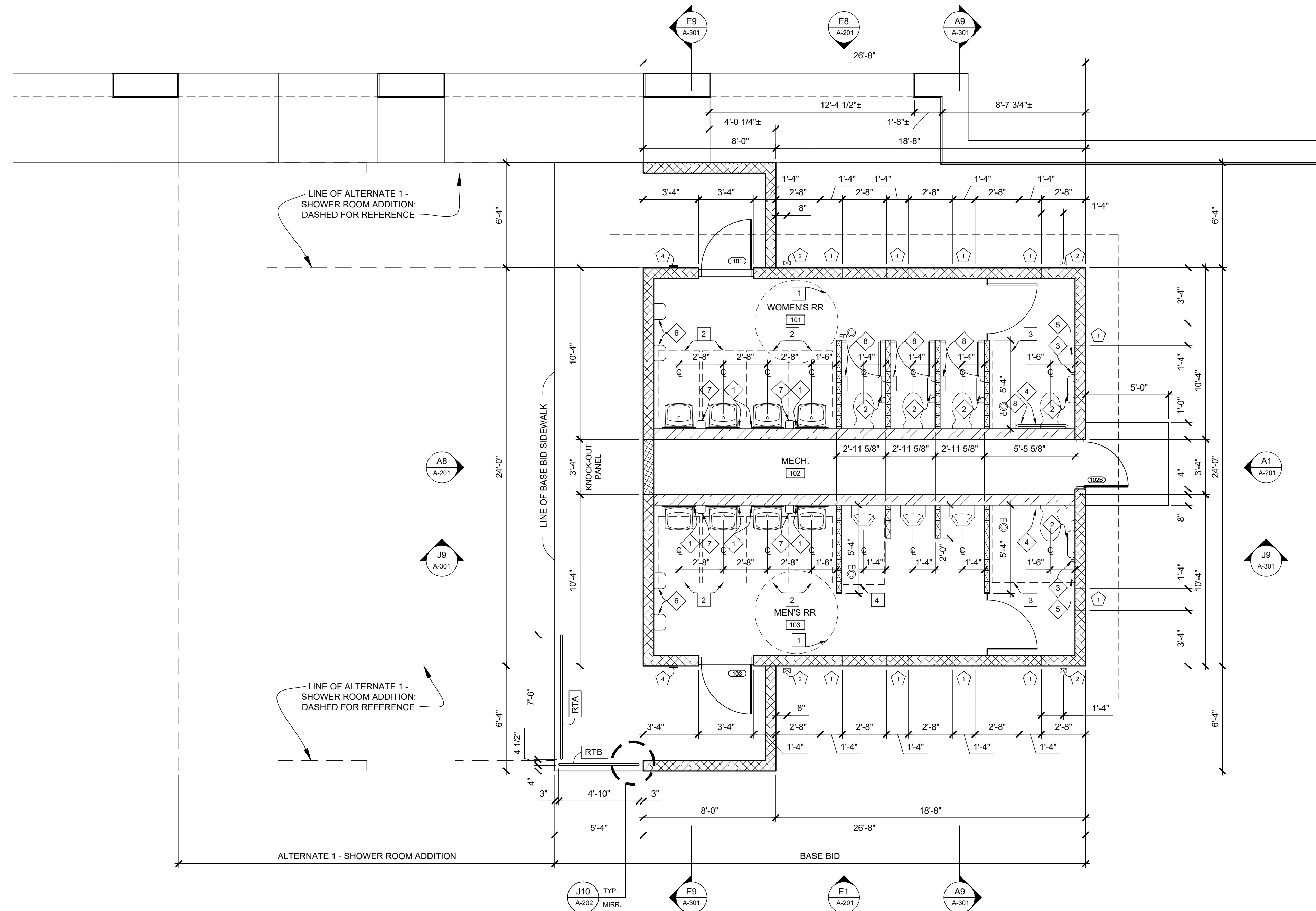
J13 BASE BID: SIGNAGE
SCALE: N.T.S.

ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES					
RESTROOM ACCESSORY SCHEDULE					
NOTE	ITEM	PROVIDED BY:	INSTALLED BY:	MODEL	REMARKS
1	(24"X36") 1/4" TEMPERED GLASS MIRROR	PBC	IBC	BOBRICK B-2908 2436	
2	TOILET PAPER DISPENSER	PBO	IBC	CASCADES PRO D812	
3	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 18	
4	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 36	
5	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 42	
6	PAPER TOWEL DISPENSER	PBO	IBC	CASCADES PRO C340	
7	SOAP DISPENSER	PBO	IBC	SPARTAN LITE N' FOAMY	
8	SANITARY NAPKIN DISPOSAL	PBC	IBC	BOBRICK B-254	
9	CLOTHES HOOK	PBC	IBC	BOBRICK B-233	MOUNT AT 46" AFF TO TOP OF HOOK
10	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 24	
11	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 48	

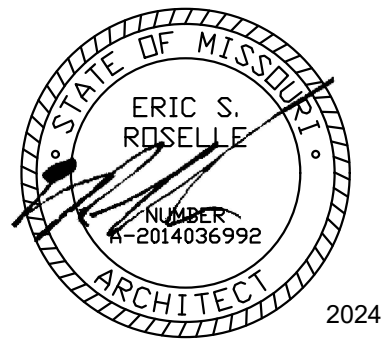
PROVIDE WALL BLOCKING / REINFORCING AS REQUIRED FOR ACCESSORY INSTALLATION AND MOUNTING.

- PBO = PROVIDED BY OWNER
- PBC = PROVIDED BY CONTRACTOR
- IBC = INSTALLED BY CONTRACTOR

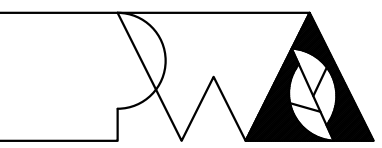
ACCESSIBLE CLEAR FLOOR SPACE REQUIREMENTS	
NOTE	ITEM
1	5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
2	30" X 48" CLEAR FLOOR SPACE CENTERED WITH SINK/LAVATORY FOR PARALLEL APPROACH
3	56" X 60" MIN. CLEAR FLOOR SPACE AROUND WATER CLOSET
4	30" X 48" CLEAR FLOOR SPACE CENTERED ON URINAL
5	30" X 60" CLEAR FLOOR SPACE CENTERED ON ROLL-IN SHOWER



A6 BASE BID: FLOOR PLAN
SCALE: 1/4" = 1'-0"



2024-10-18



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AT SWINE PAVILION

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FAIRGROUNDS (MSF)
2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501037

REVISION: _____
DATE: _____
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DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: A-102
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**ALTERNATE 1:
FLOOR PLAN
& DETAILS**

SHEET NUMBER:

A-102

17 OF 33 SHEETS
2024-10-18

A-102 SCOPE OF WORK NOTES

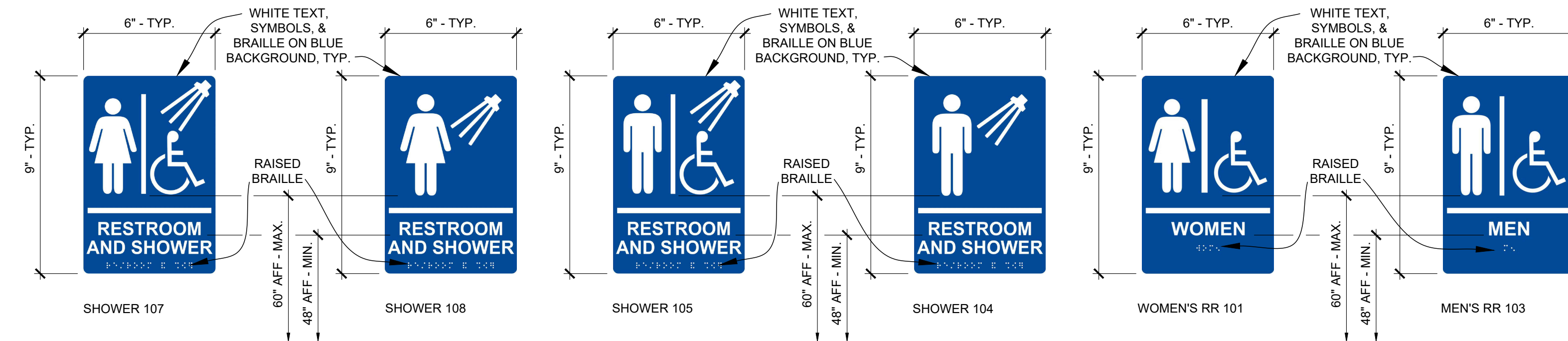
- 1 16X8 FOUNDATION VENT W/ DAMPER, SET SILL @ 8" AFF
- 2 3X4 METAL DOWNSPOUT TO BOOT TO GRADE TO DRAIN - SEE CIVIL; COORDINATE ANY REQUIRED SLEEVING W/ FOUNDATION WORK
- 3 COORDINATE FLOOR RECESS FOR SHOWER PAN TO ENSURE ADA-COMPLIANT BARRIER-FREE ENTRY.
- 4 ACCESSIBLE RESTROOM SIGN - SEE J8/A-102
- 5 ACCESSIBLE MEN'S RESTROOM & SHOWER SIGN - SEE J8/A-102
- 6 ACCESSIBLE WOMEN'S RESTROOM & SHOWER SIGN - SEE J8/A-102
- 7 MEN'S RESTROOM & SHOWER SIGN - SEE J8/A-102
- 8 WOMEN'S RESTROOM & SHOWER SIGN - SEE J8/A-102

FLOOR PLAN PARTITION TYPE KEY

- 8" SPLIT-FACE CMU WALL - SEE STRUCTURAL
- 4" CMU PARTITION WALL @ 6'-8" TALL, TYP.
- 8" CMU WALL - SEE STRUCTURAL
- RAILING TYPE 'A'; SEE A9/A-302
- RAILING TYPE 'B'; SEE A9/A-302

GENERAL FLOOR PLAN NOTES

1. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY ARCHITECT OF ANY DIMENSIONS OR WORK DIFFERING FROM THAT SHOWN, FOR CLARIFICATION BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
2. VERIFY ALL ROUGH OPENINGS FOR DOORS, LOUVERS, EQUIPMENT, & OTHER "BUILT-IN" ITEMS PRIOR TO EXECUTION OF ANY WORK AFFECTED BY SAME.
3. LOCATE DOOR OPENINGS WHICH ARE NOT DIMENSIONED OTHERWISE, CENTERED IN WALL AND 6" FROM FINISH WALL TO FINISH JAMB.
4. COORDINATE ALL FLOOR DRAINS AND OTHER REFERENCED MECHANICAL, ELECTRICAL, OR PLUMBING ITEMS W/ M.E.P.
5. COORDINATE ALL REQUIRED UTILITIES WITH EQUIPMENT MANUFACTURER.
6. ALL DIMENSIONS ARE TO FACE OF STUD - OR MASONRY - UNLESS OTHERWISE NOTED.
7. DO NOT SCALE DRAWINGS - WHERE DIMENSIONAL DISCREPANCIES ARE ENCOUNTERED NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
8. COORDINATE HEIGHTS OF OUTLETS & SWITCHING WITH ALL ARCHITECTURAL ITEMS. SEE M/E DRAWINGS FOR LOCATIONS.



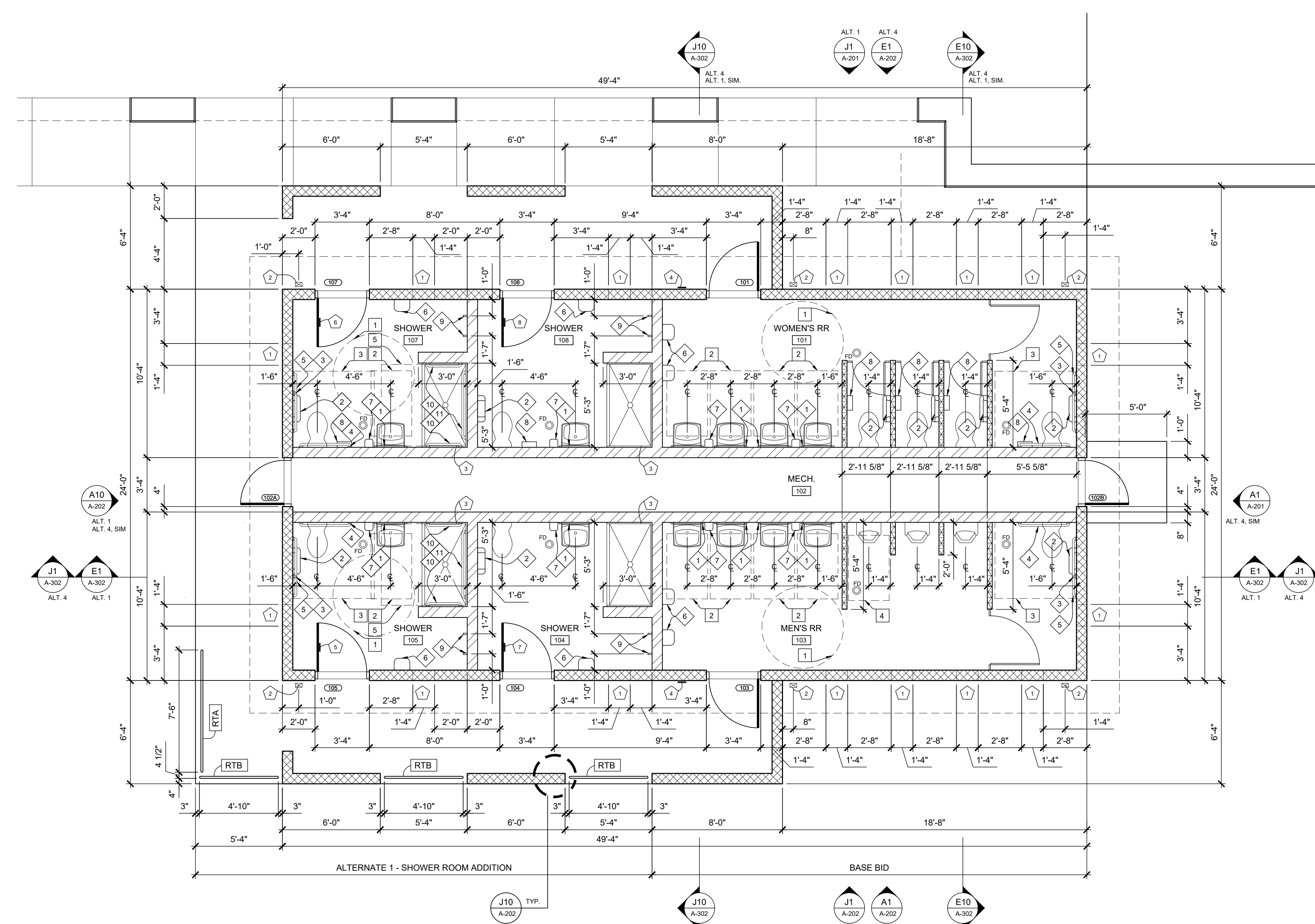
J8 ALTERNATE 1: SIGNAGE
SCALE: N.T.S.

ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES					
RESTROOM ACCESSORY SCHEDULE					
NOTE	ITEM	PROVIDED BY:	INSTALLED BY:	MODEL	REMARKS
1	(24"X36") 1/4" TEMPERED GLASS MIRROR	PBC	IBC	BOBRICK B-2908 2436	
2	TOILET PAPER DISPENSER	PBO	IBC	CASCADES PRO D812	
3	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 18	
4	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 36	
5	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 42	
6	PAPER TOWEL DISPENSER	PBO	IBC	CASCADES PRO C340	
7	SOAP DISPENSER	PBO	IBC	SPARTAN LITE N' FOAMY	
8	SANITARY NAPKIN DISPOSAL	PBC	IBC	BOBRICK B-254	
9	CLOTHES HOOK	PBC	IBC	BOBRICK B-233	MOUNT AT 46" AFF TO TOP OF HOOK
10	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 24	
11	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 48	

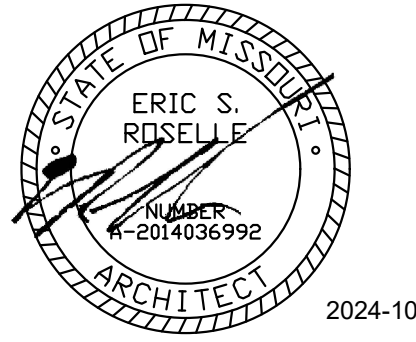
PROVIDE WALL BLOCKING / REINFORCING AS REQUIRED FOR ACCESSORY INSTALLATION AND MOUNTING.

- PBO = PROVIDED BY OWNER
- PBC = PROVIDED BY CONTRACTOR
- IBC = INSTALLED BY CONTRACTOR

ACCESSIBLE CLEAR FLOOR SPACE REQUIREMENTS	
NOTE	ITEM
1	5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
2	30" X 48" CLEAR FLOOR SPACE CENTERED WITH SINK/LAVATORY FOR PARALLEL APPROACH
3	56" X 60" MIN. CLEAR FLOOR SPACE AROUND WATER CLOSET
4	30" X 48" CLEAR FLOOR SPACE CENTERED ON URINAL
5	30" X 60" CLEAR FLOOR SPACE CENTERED ON ROLL-IN SHOWER



A6 ALTERNATE 1: FLOOR PLAN
SCALE: 1/4" = 1'-0"



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DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: A-110
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

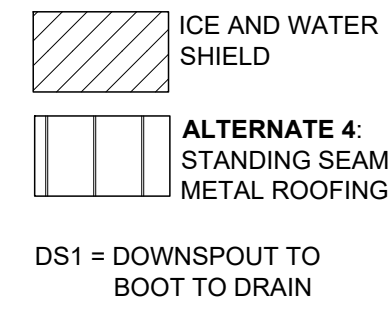
SHEET TITLE:
**ROOF PLAN
& DETAILS**

SHEET NUMBER:

A-110

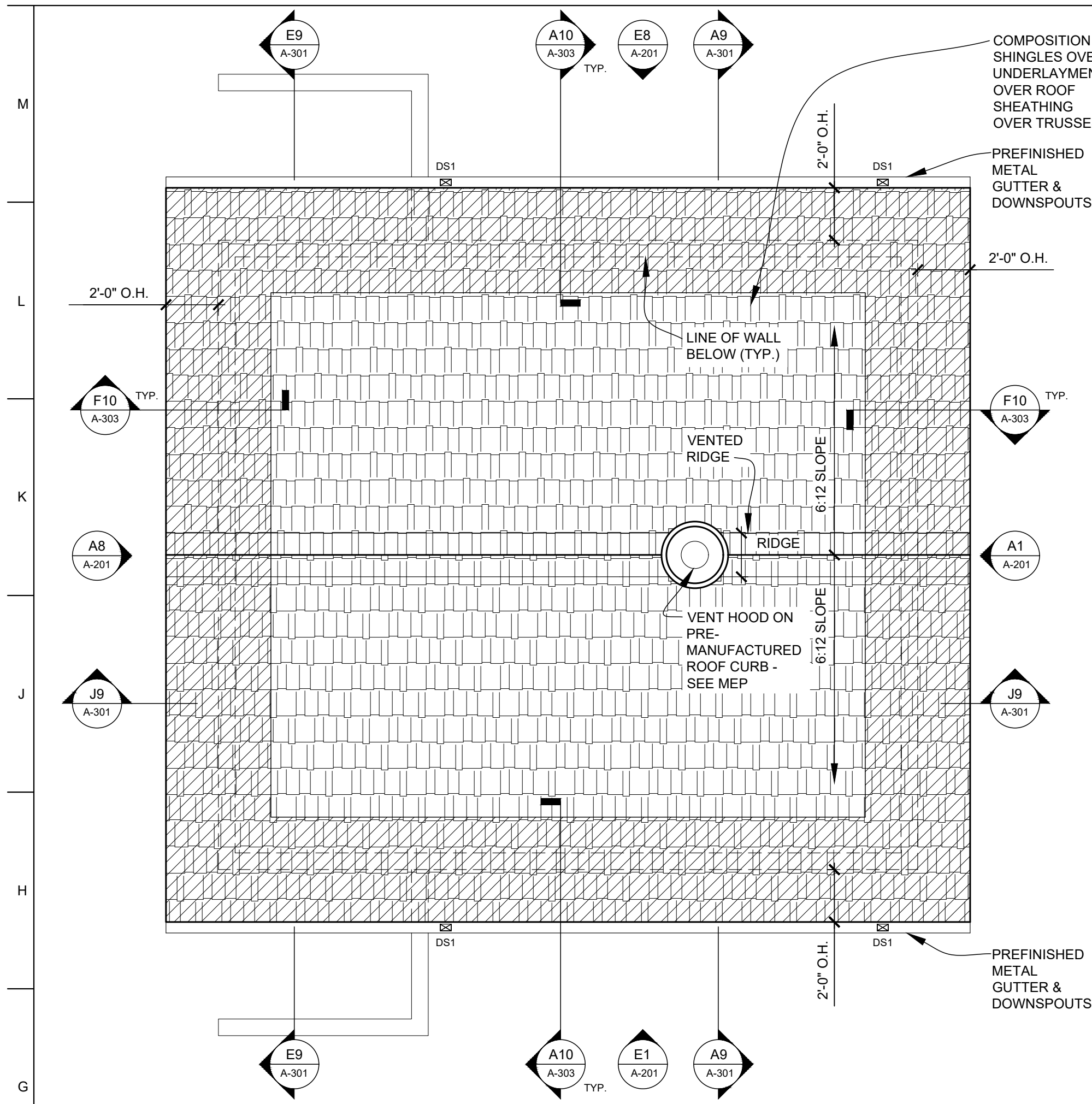
18 OF 33 SHEETS
2024-10-18

ROOF PLAN MATERIAL LEGEND



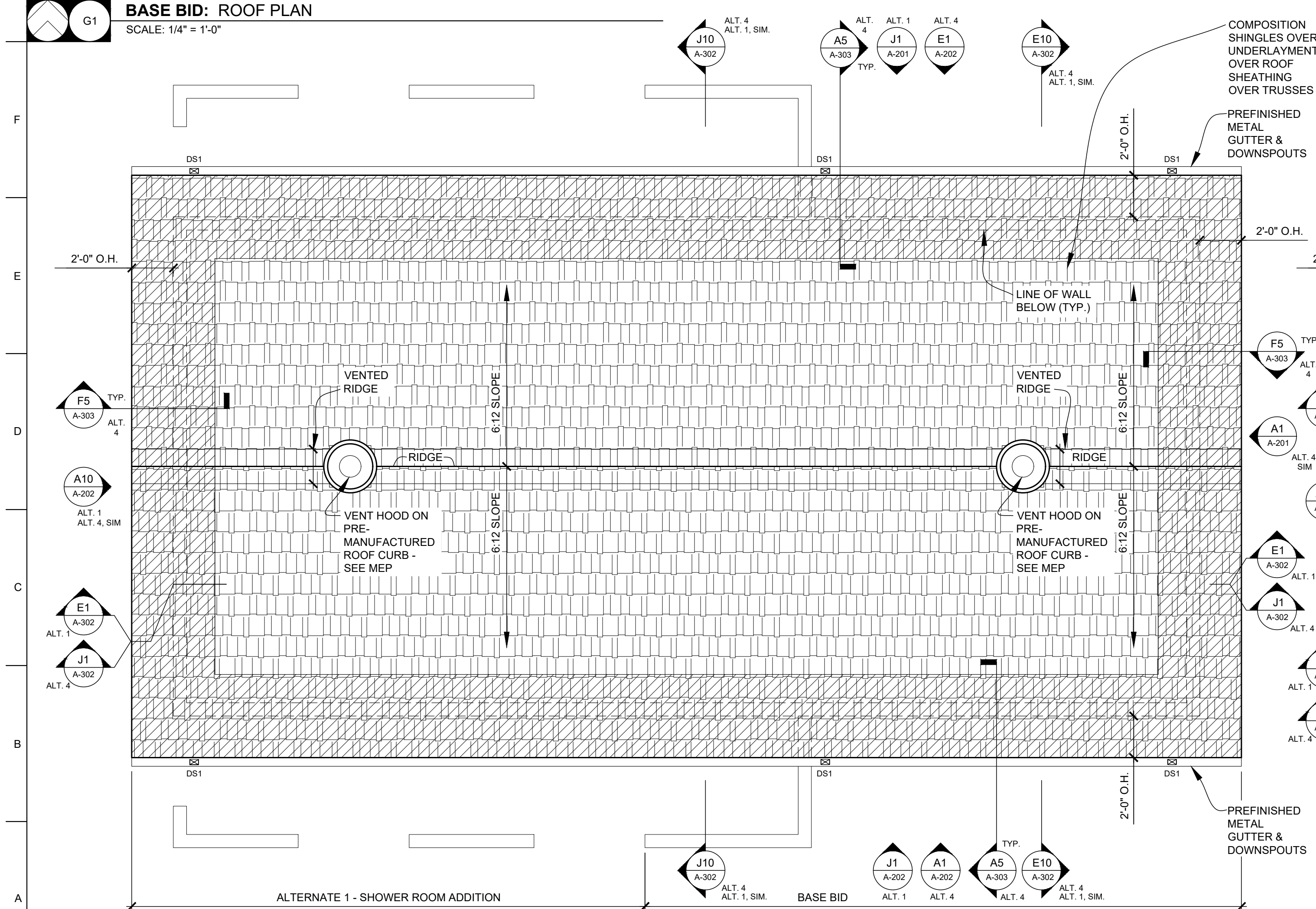
GENERAL ROOFING NOTES

- GUTTERS:** 3"x5" PRE-FINISHED K-STYLE METAL GUTTERS, TYP.
- DOWNSPOUTS:** 3"x4" PRE-FINISHED, RECTANGULAR METAL DOWNSPOUTS, TYP.
- ICE AND WATER SHIELD, TYP.:**
- PERIMETER WALL: EXTEND FROM EAVE TO 2'-0" MIN. BEYOND BEARING WALLS
- COORDINATE ROOF PENETRATIONS W/ M/E/P: PROVIDE APPROPRIATE BOOT AND COLLAR FLASHINGS FOR PIPE AND FLUE PENETRATIONS; FLASH SELF-FLASHING ITEMS PER MANUFACTURER'S SUGGESTIONS; SEAL AROUND ALL PENETRATIONS W/ SEALANT.**
- ANY ROOFING DETAILS NOT SHOWN SHALL BE DONE IN ACCORDANCE W/ ROOFING FABRICATOR OR INSTALLER APPROVED DETAILS.
 - COORDINATE ALL ROOF PENETRATIONS WITH MECHANICAL, PLUMBING & ELECTRICAL WORK. PROVIDE ALL BLOCKINGS, FLASHINGS, CURBS & OTHER RELATED ITEMS AS REQUIRED FOR PROPER INSTALLATION OF MECHANICAL, PLUMBING & ELECTRICAL ITEMS. COMPLY WITH REQUIREMENTS OF NRCA &/OR SMACNA. NOTIFY ARCHITECT OF FABRICATOR OR INSTALLER REQUIREMENTS THAT DIFFER FROM THE REFERENCED STANDARDS.
 - INSTALL ALL ROOFING AND FLASHINGS IN ACCORDANCE WITH REQUIREMENTS OF ROOFING MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - INSTALL SEALANT TAPE BETWEEN ALL NON-SOLDERED CONNECTIONS OF FLASHINGS, GUTTERS, DOWNSPOUTS AND OTHER AREAS TO MAKE WATER-TIGHT ROOF & FLASHINGS.
 - THE INTENT OF THE ROOF PLANS & DETAILS IS TO ACHIEVE A COMPLETE & PROPER WATER-TIGHT INSTALLATION, REGARDLESS IF A DETAIL IS OR IS NOT SHOWN.



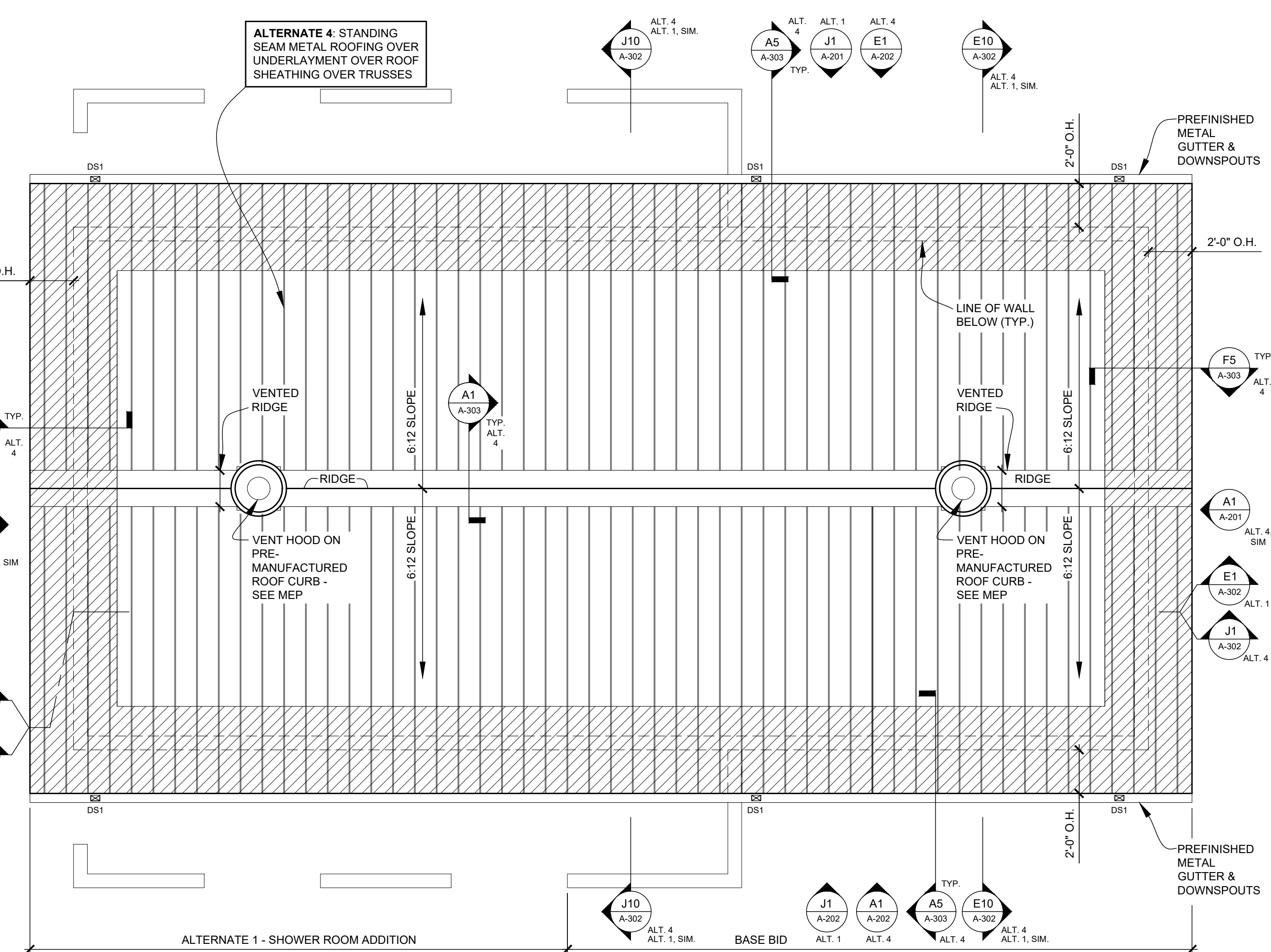
BASE BID: ROOF PLAN

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



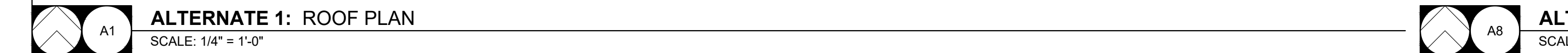
ALTERNATE 1: ROOF PLAN

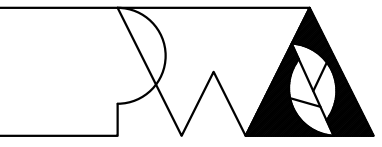
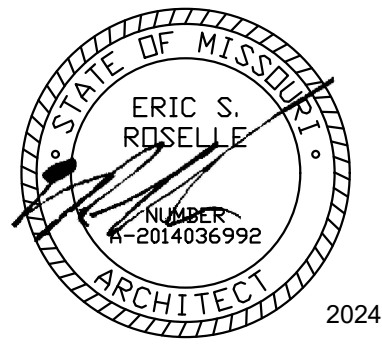
SCALE: 1/4" = 1'-0"



ALTERNATE 4: ROOF PLAN

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





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CAD DWG FILE: A-120
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**REFLECTED
CEILING PLANS
& DETAILS**

SHEET NUMBER:

A-120

19 OF 33 SHEETS
2024-10-18

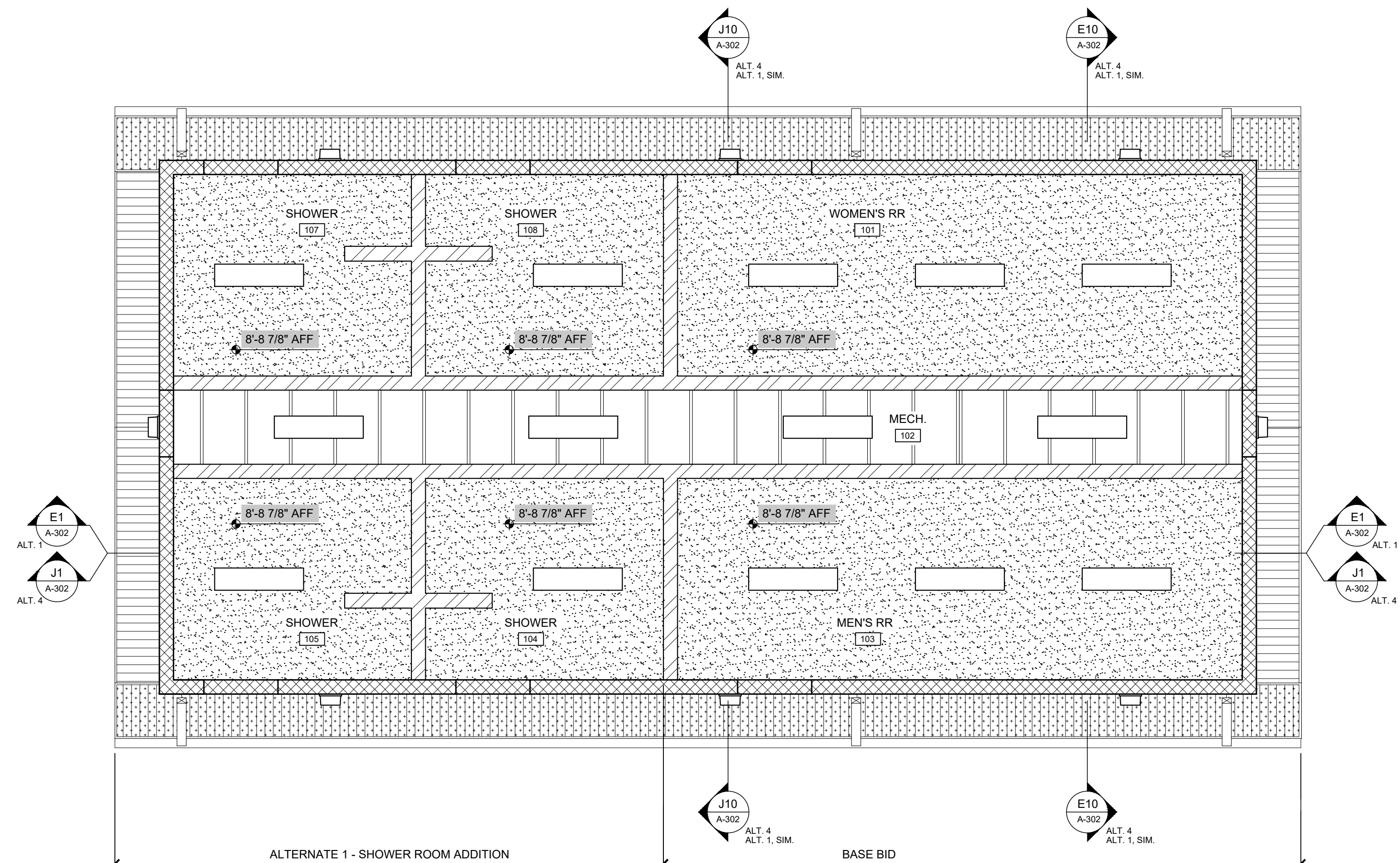
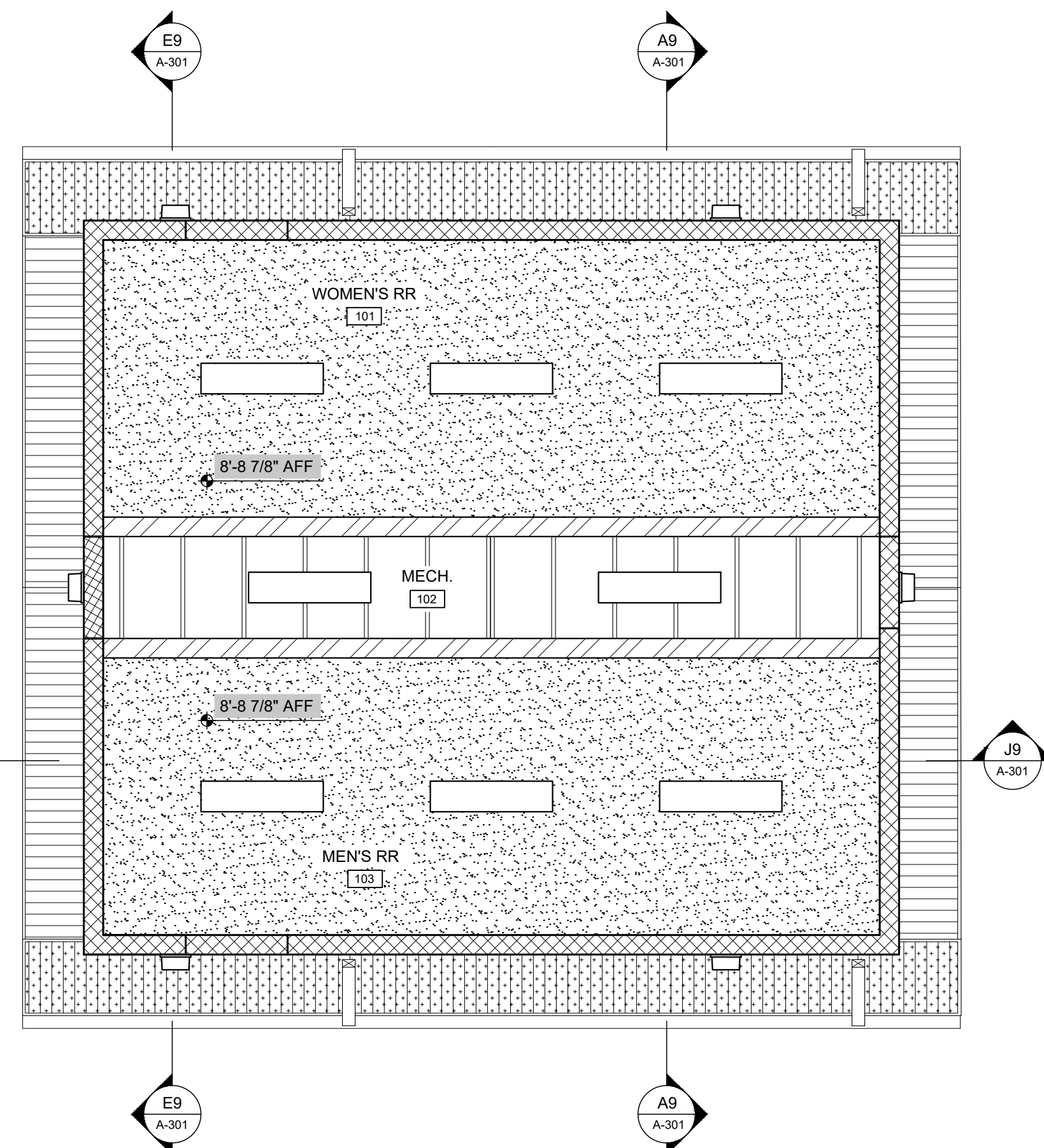
REFLECTED CEILING PLAN LEGEND

- GLASS-MAT FACED GYPSUM BOARD CEILING, SKIM-COATED & PAINTED
- METAL SOFFIT - VENTED
- METAL SOFFIT - NON-VENTED
- OPEN TO ABOVE (EXPOSED STRUCTURE)
- CMU WALLS - SEE A-101
- LIGHT FIXTURE - SEE MEP
- LIGHT FIXTURE - SEE MEP

GENERAL REFLECTED CEILING PLAN NOTES

1. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY ARCHITECT OF ANY DIMENSIONS OR WORK DIFFERING FROM THAT SHOWN, FOR CLARIFICATION BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
2. VERIFY ALL ROUGH OPENINGS FOR DOORS, LOUVERS, EQUIPMENT, & OTHER "BUILT-IN" ITEMS PRIOR TO EXECUTION OF ANY WORK AFFECTED BY SAME.
3. LOCATE DOOR OPENINGS WHICH ARE NOT DIMENSIONED OTHERWISE, CENTERED IN WALL AND 6" FROM FINISH WALL TO FINISH JAMB.
4. COORDINATE ALL FLOOR DRAINS AND OTHER REFERENCED MECHANICAL, ELECTRICAL, OR PLUMBING ITEMS W/ M.E.P.
5. COORDINATE ALL REQUIRED UTILITIES WITH EQUIPMENT MANUFACTURER.
6. ALL DIMENSIONS ARE TO FACE OF STUD - OR MASONRY - UNLESS OTHERWISE NOTED.
7. DO NOT SCALE DRAWINGS - WHERE DIMENSIONAL DISCREPANCIES ARE ENCOUNTERED NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
8. COORDINATE HEIGHTS OF OUTLETS & SWITCHING WITH ALL ARCHITECTURAL ITEMS. SEE M/E DRAWINGS FOR LOCATIONS.

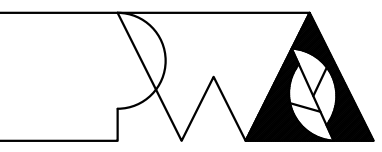
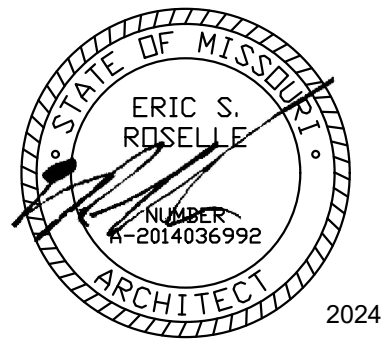
M
L
K
J
H
G
F
E
D
C
B
A



BASE BID: REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

ALTERNATE 1: REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



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OFFICE OF
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DESIGN AND
CONSTRUCTION

NEW COMFORT STATION
AT SWINE PAVILION

MISSOURI STATE
FAIRGROUNDS (MSF)
2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501137

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: A-201
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**ELEVATIONS &
DETAILS**

SHEET NUMBER:

A-201

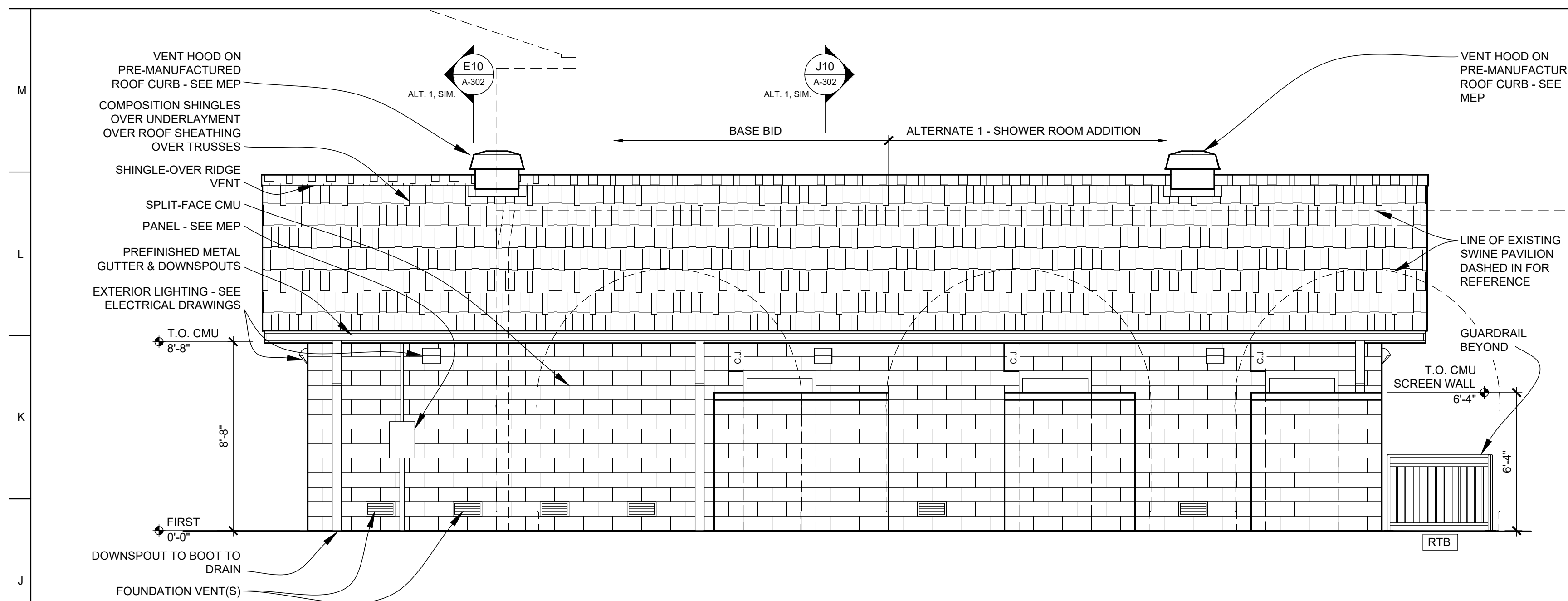
20 OF 33 SHEETS
2024-10-18

LEGEND

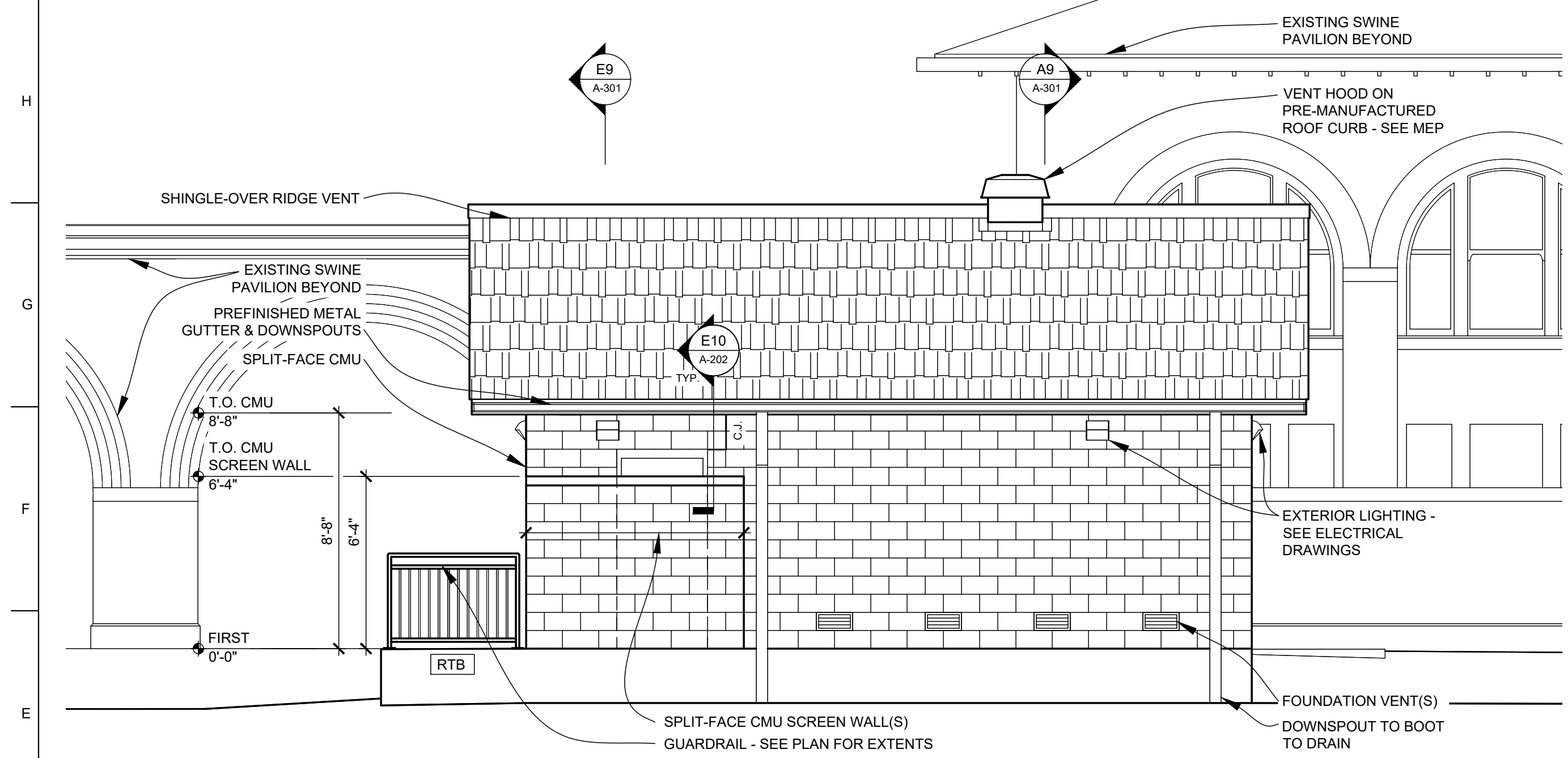
- RTA RAILING TYPE 'A';
SEE A9/A-302
- RTB RAILING TYPE 'B';
SEE A9/A-302
- 3 CONTROL JOINT

GENERAL ELEVATION NOTES

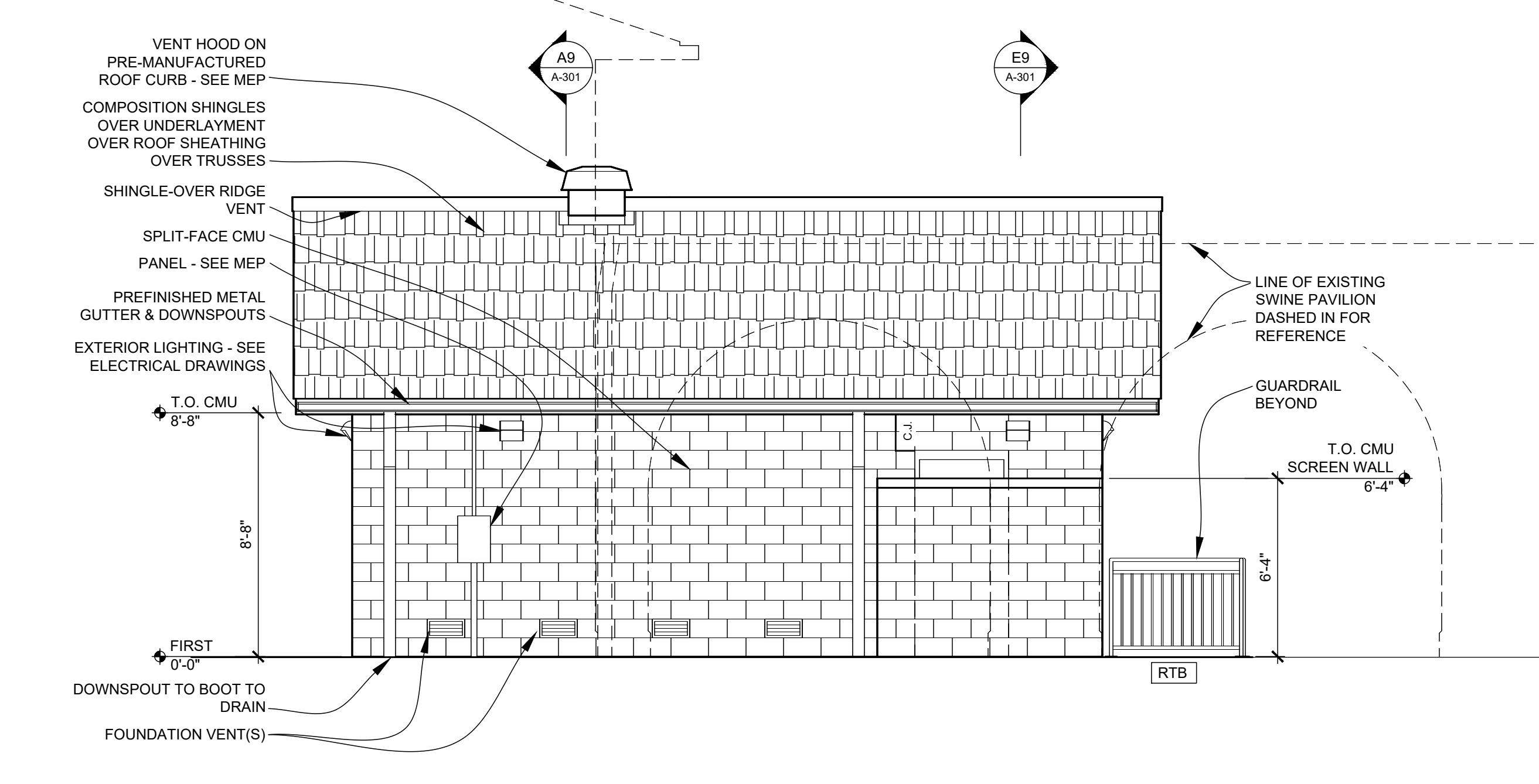
1. SEE WALL SECTIONS FOR ADDITIONAL DETAILS, MATERIALS, NOTES, AND DIMENSIONS.
2. SEE SITE PLAN FOR EXACT FINISH GRADE ELEVATIONS.
3. SEE SITE PLAN FOR RETAINING WALLS, SIDEWALKS & SLABS, DETAILS, LOCATIONS AND DIMENSIONS.
4. SEE WALL SECTIONS FOR APPROPRIATE BRICK LEDGES. BRICK LEDGES TO BE BELOW FINAL GRADE. MAKE FIELD ADJUSTMENTS AS NECESSARY TO ACCOMPLISH THIS W/ FIELD CONDITIONS.
5. APPLY FIBERED ASPHALTIC COATING TO FACE OF ANY BELOW-GRADE CMU. STOP TOP OF COATING AT GRADE, TYP.



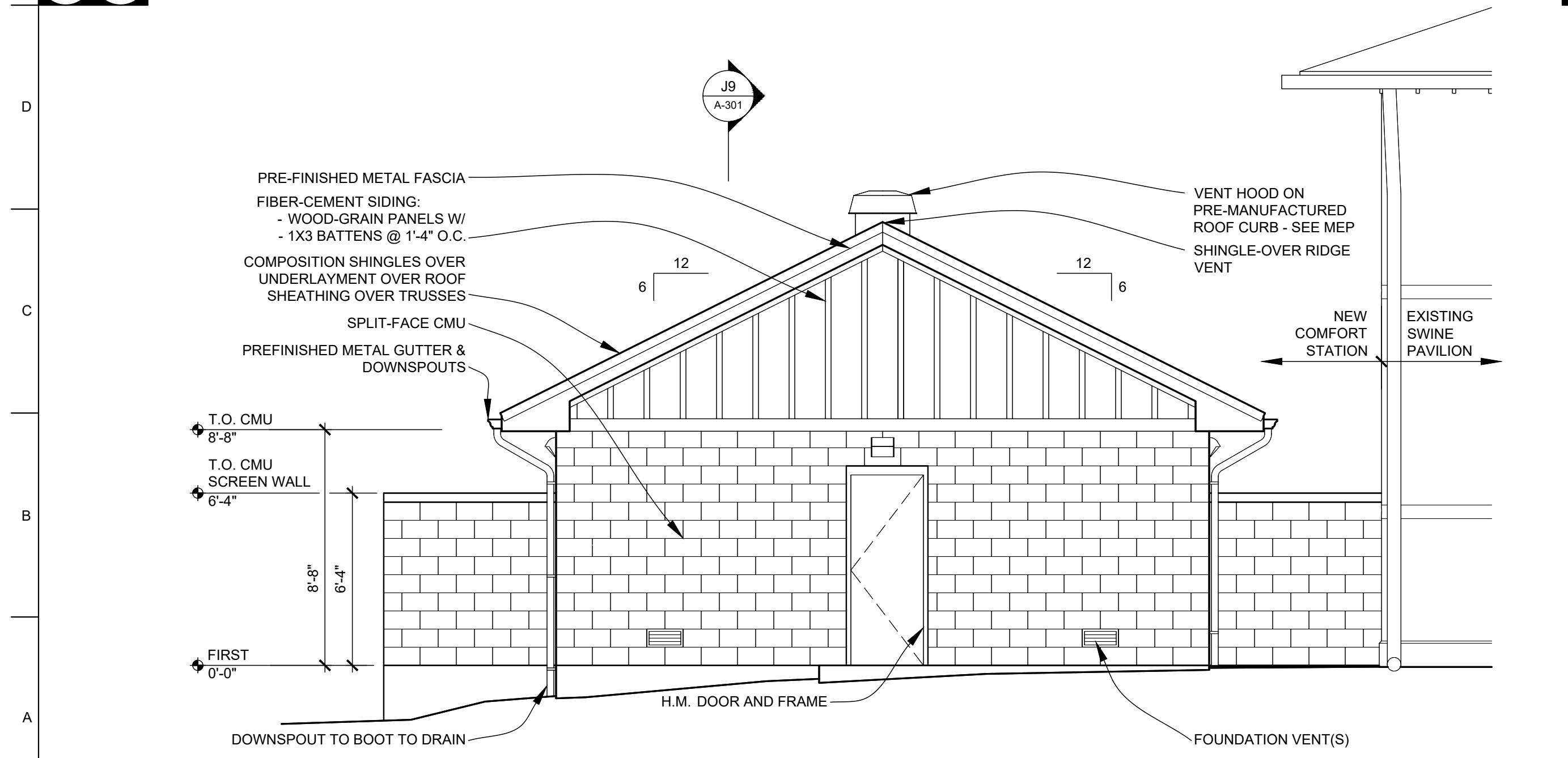
J1 H12 A102
ALTERNATE 1: NORTH ELEVATION
SCALE: 1/4" = 1'-0"



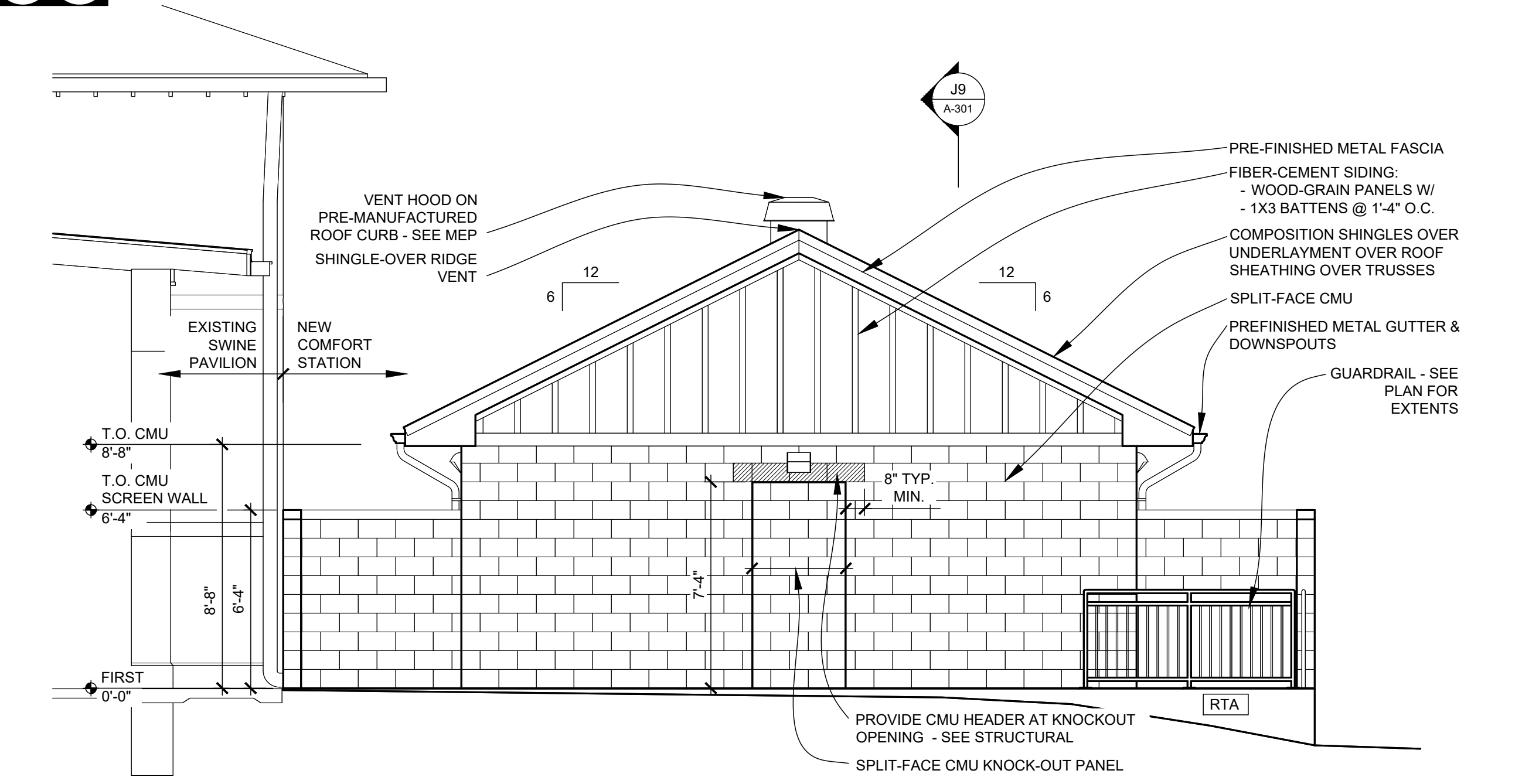
E1 A12 A101
BASE BID: SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



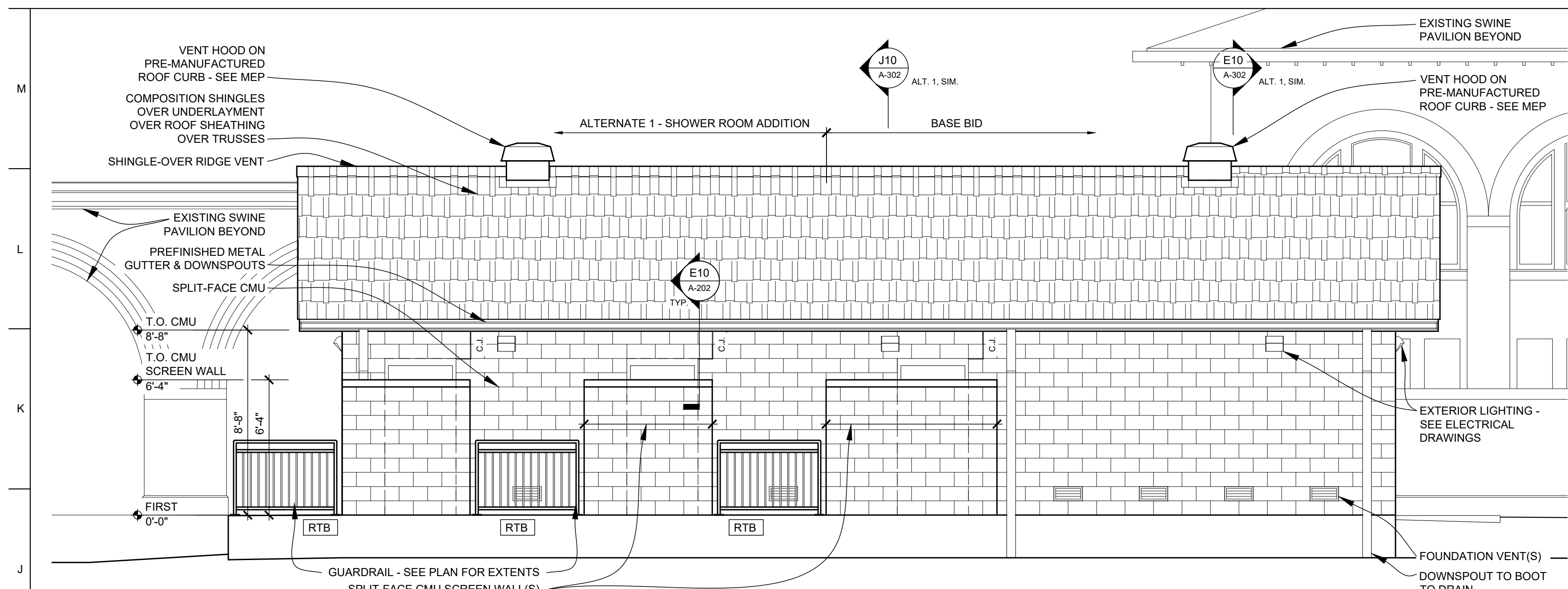
E8 H12 A101
BASE BID: NORTH ELEVATION
SCALE: 1/4" = 1'-0"



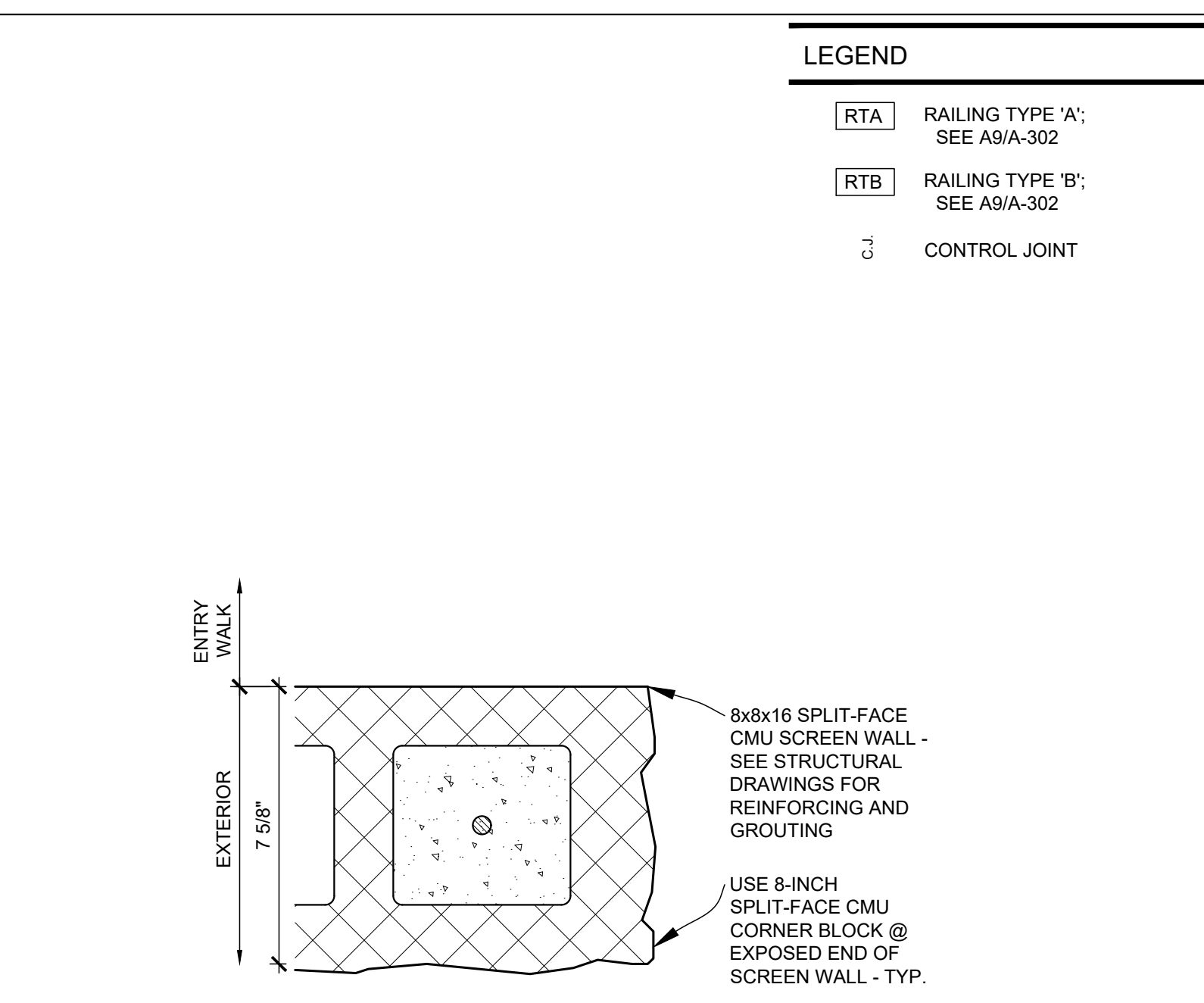
A1 E15 A101
BASE BID: EAST ELEVATION
SCALE: 1/4" = 1'-0"



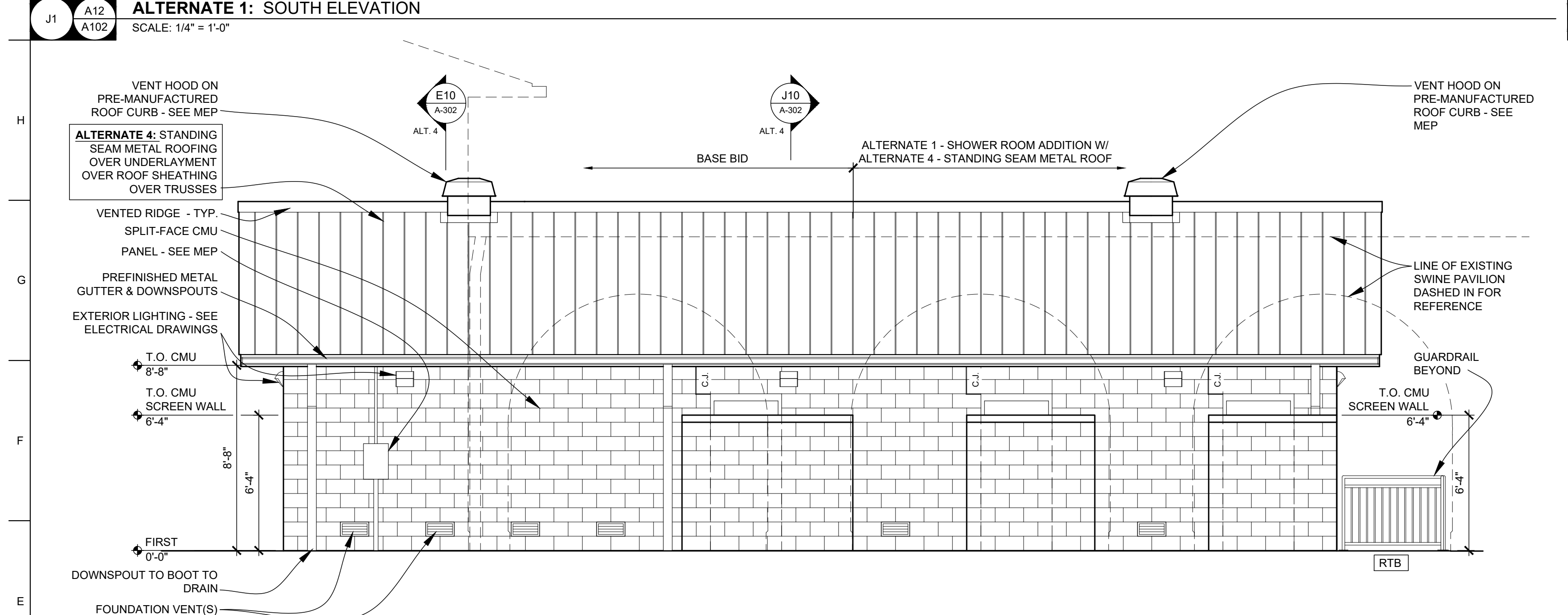
A8 E9 A101
BASE BID: WEST ELEVATION
SCALE: 1/4" = 1'-0"



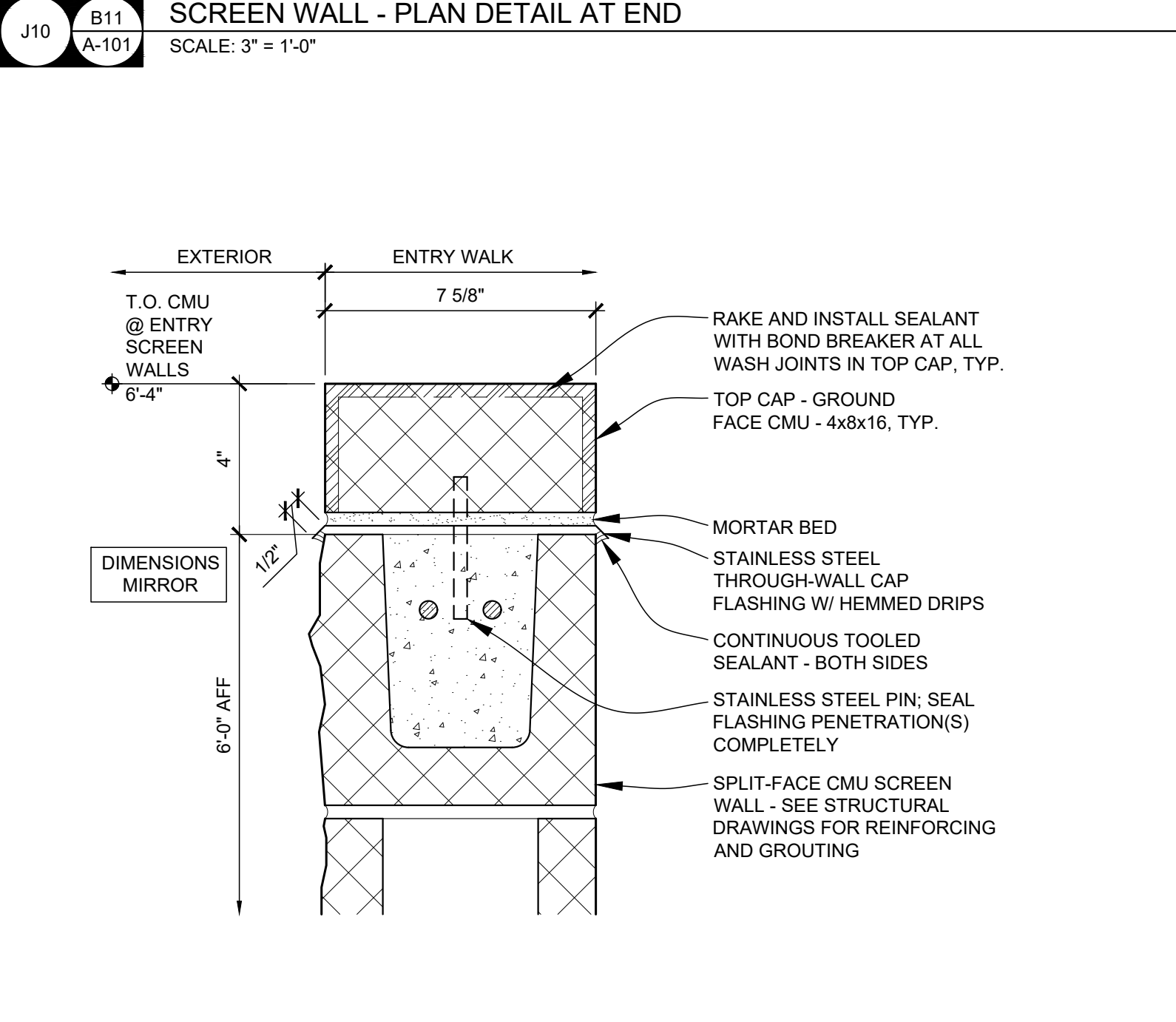
J1 A12 A102 ALTERNATE 1: SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



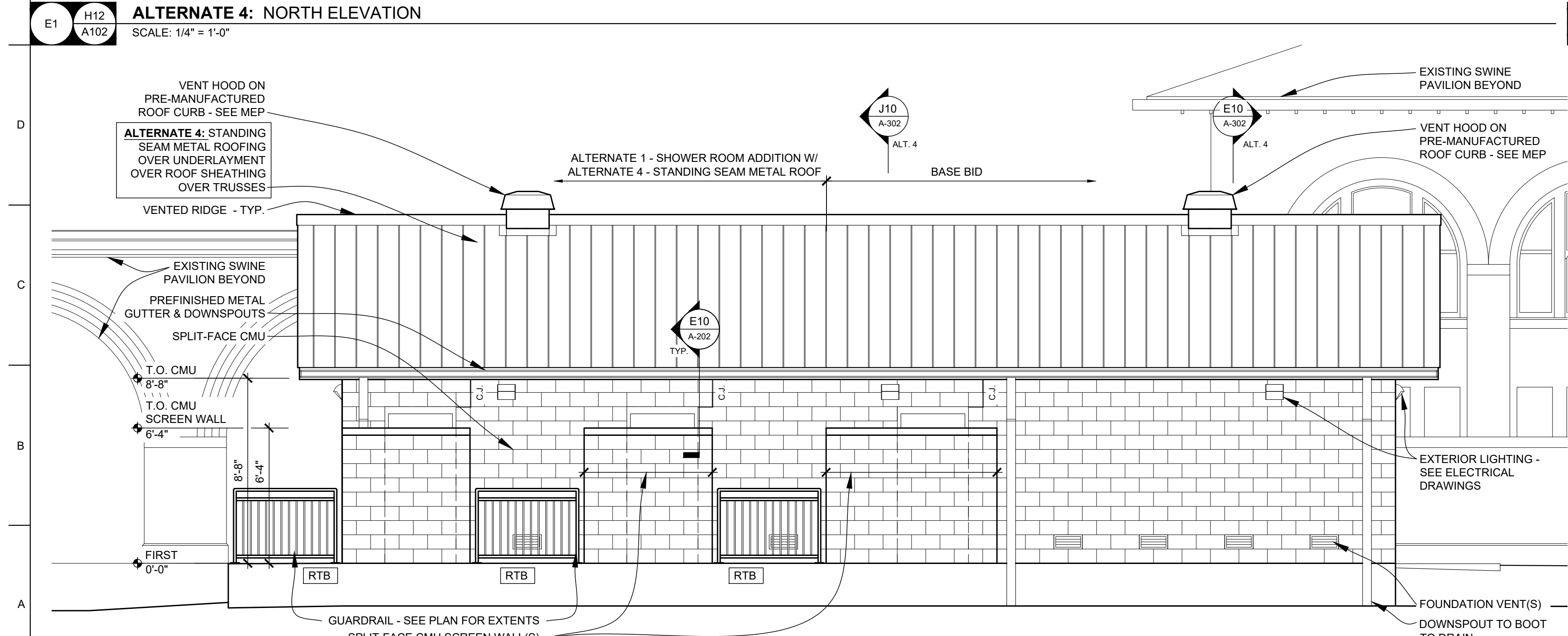
J10 B11 A-101 SCREEN WALL - PLAN DETAIL AT END
SCALE: 3" = 1'-0"



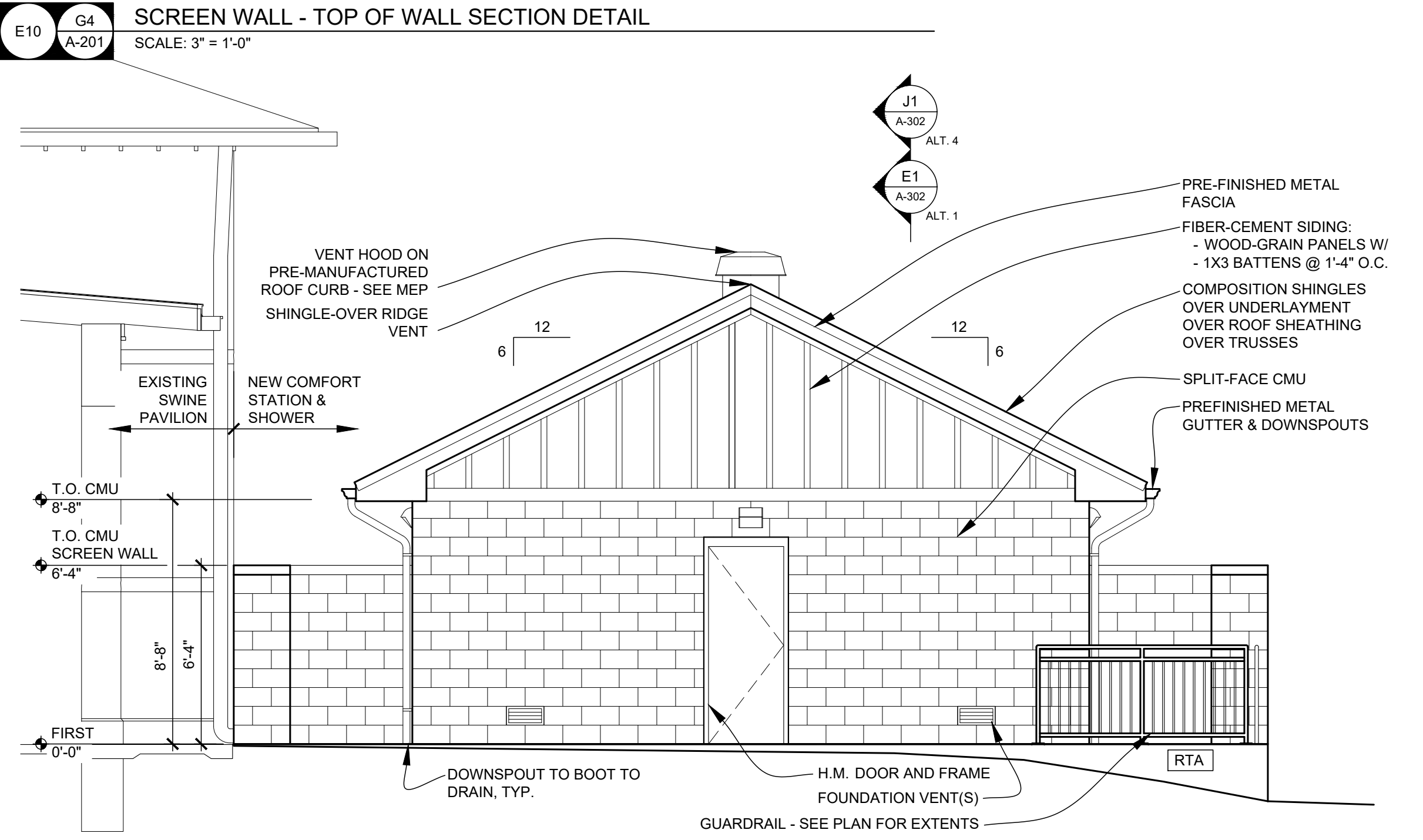
E1 H12 A102 ALTERNATE 4: NORTH ELEVATION
SCALE: 1/4" = 1'-0"



E10 G4 A-201 SCREEN WALL - TOP OF WALL SECTION DETAIL
SCALE: 3" = 1'-0"



A1 A12 A102 ALTERNATE 4: SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



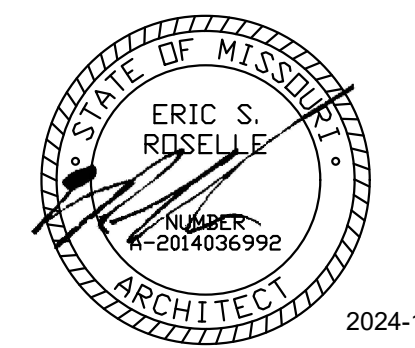
A10 D6 A102 ALTERNATE 1: WEST ELEVATION | ALTERNATE 4: WEST ELEVATION (SIM.)
SCALE: 1/4" = 1'-0"

LEGEND

RTA	RAILING TYPE 'A'; SEE A9/A-302
RTB	RAILING TYPE 'B'; SEE A9/A-302
3	CONTROL JOINT

- GENERAL ELEVATION NOTES**
- SEE WALL SECTIONS FOR ADDITIONAL DETAILS, MATERIALS, NOTES, AND DIMENSIONS.
 - SEE SITE PLAN FOR EXACT FINISH GRADE ELEVATIONS.
 - SEE SITE PLAN FOR RETAINING WALLS, SIDEWALKS & SLABS, DETAILS, LOCATIONS AND DIMENSIONS.
 - SEE WALL SECTIONS FOR APPROPRIATE BRICK LEDGES. BRICK LEDGES TO BE BELOW FINAL GRADE. MAKE FIELD ADJUSTMENTS AS NECESSARY TO ACCOMPLISH THIS W/ FIELD CONDITIONS.
 - APPLY FIBERED ASPHALTIC COATING TO FACE OF ANY BELOW-GRADE CMU. STOP TOP OF COATING AT GRADE, TYP.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



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PROJECT # F2406-01
SITE # 1501
ASSET # 3511501137

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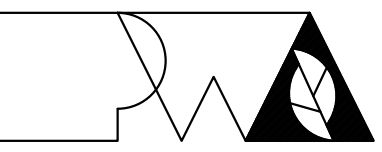
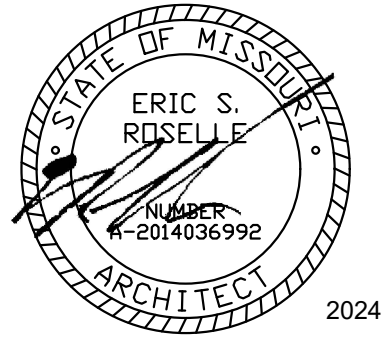
CAD DWG FILE: A-202
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**ELEVATIONS &
DETAILS**

SHEET NUMBER:

A-202

21 OF 33 SHEETS
2024-10-18



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2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501037

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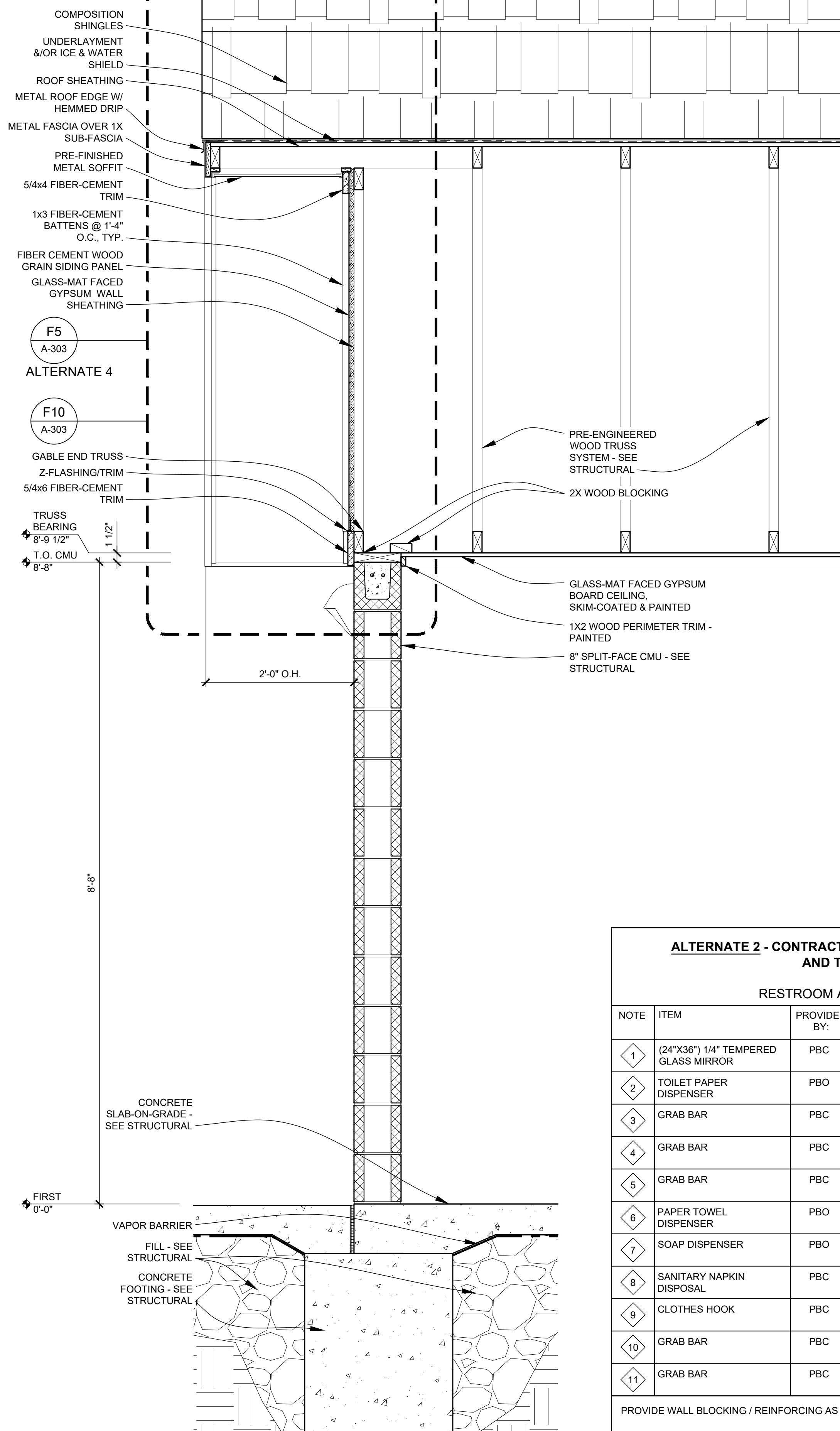
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DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**SECTIONS &
DETAILS**

SHEET NUMBER:

A-301

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2024-10-18



GENERAL BUILDING SECTION NOTES

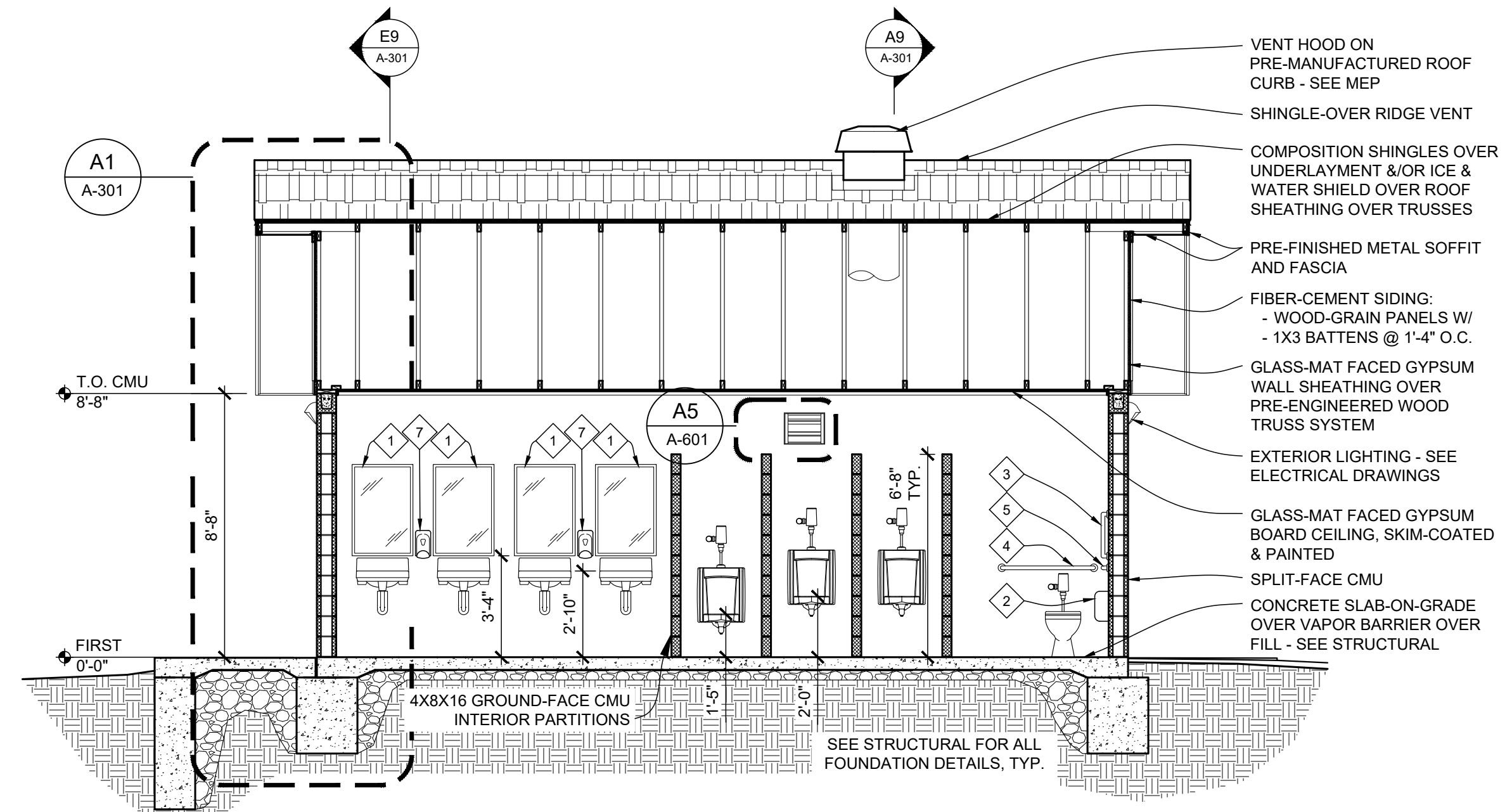
1. SEE FINISH SCHEDULE FOR ALL FINISHES AND CEILING HEIGHTS.
2. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY ARCHITECT OF ANY DIMENSIONS OR WORK DIFFERING FROM THAT SHOWN, FOR CLARIFICATION BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
3. VERIFY ALL ROUGH OPENINGS FOR DOORS, LOUVERS, EQUIPMENT & OTHER "BUILT-IN" ITEMS PRIOR TO EXECUTION OF ANY WORK AFFECTED BY SAME.
4. SEE DOOR SCHEDULES FOR ALL DOOR AND DIMENSIONS AND DETAILS.
5. REFER TO M.E.P. DRAWINGS FOR DETAILED INFORMATION REGARDING M.E.P. SYSTEMS.

ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES

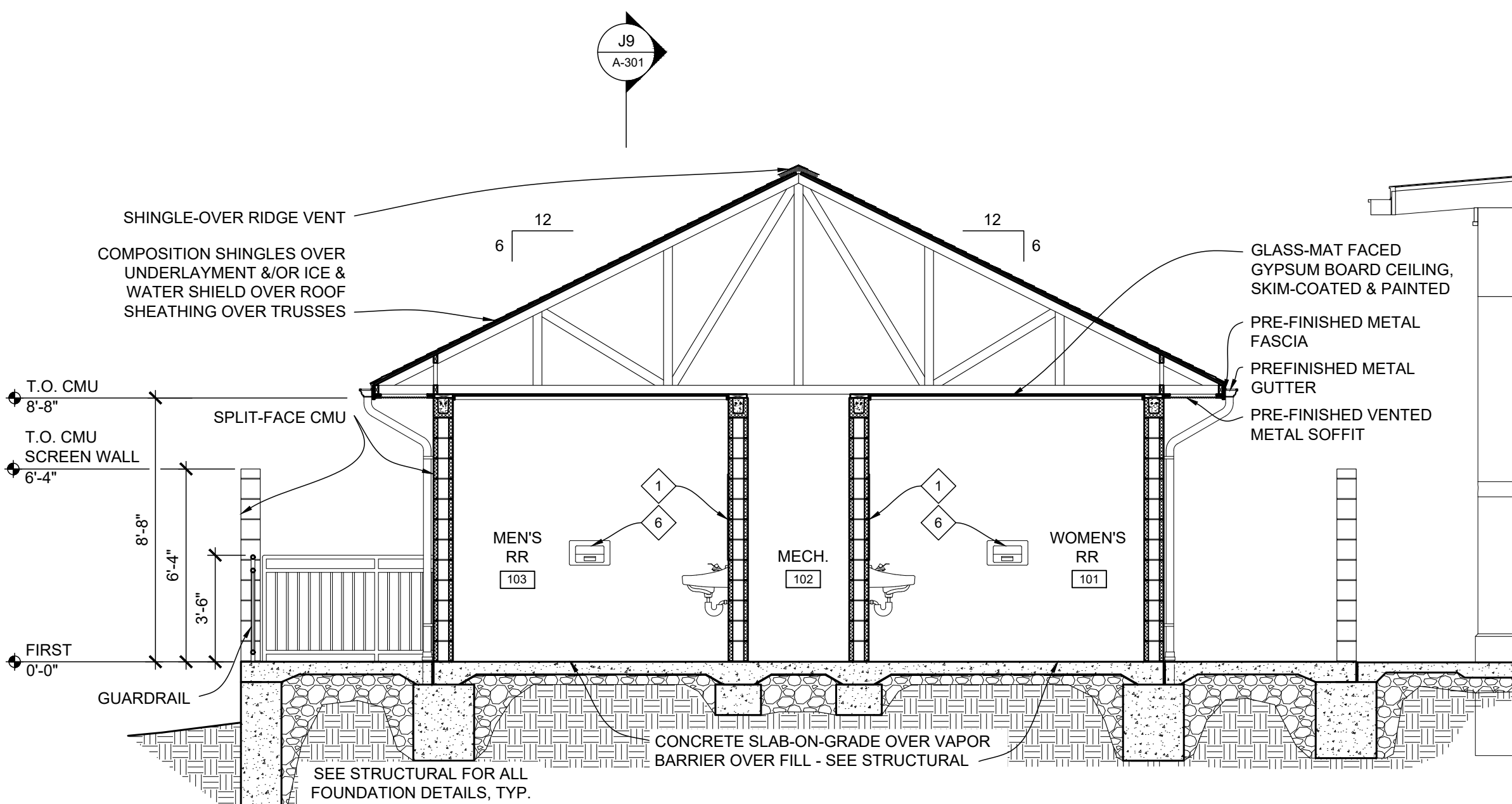
RESTROOM ACCESSORY SCHEDULE					
NOTE	ITEM	PROVIDED BY:	INSTALLED BY:	MODEL	REMARKS
1	(24"X36") 1/4" TEMPERED GLASS MIRROR	PBC	IBC	BOBRICK B-2908 2436	
2	TOILET PAPER DISPENSER	PBO	IBC	CASCADES PRO D812	
3	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 18	
4	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 36	
5	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 42	
6	PAPER TOWEL DISPENSER	PBO	IBC	CASCADES PRO C340	
7	SOAP DISPENSER	PBO	IBC	SPARTAN LITE N' FOAMY	
8	SANITARY NAPKIN DISPOSAL	PBC	IBC	BOBRICK B-254	
9	CLOTHES HOOK	PBC	IBC	BOBRICK B-233	
10	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 24	
11	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 48	

PROVIDE WALL BLOCKING / REINFORCING AS REQUIRED FOR ACCESSORY INSTALLATION AND MOUNTING.

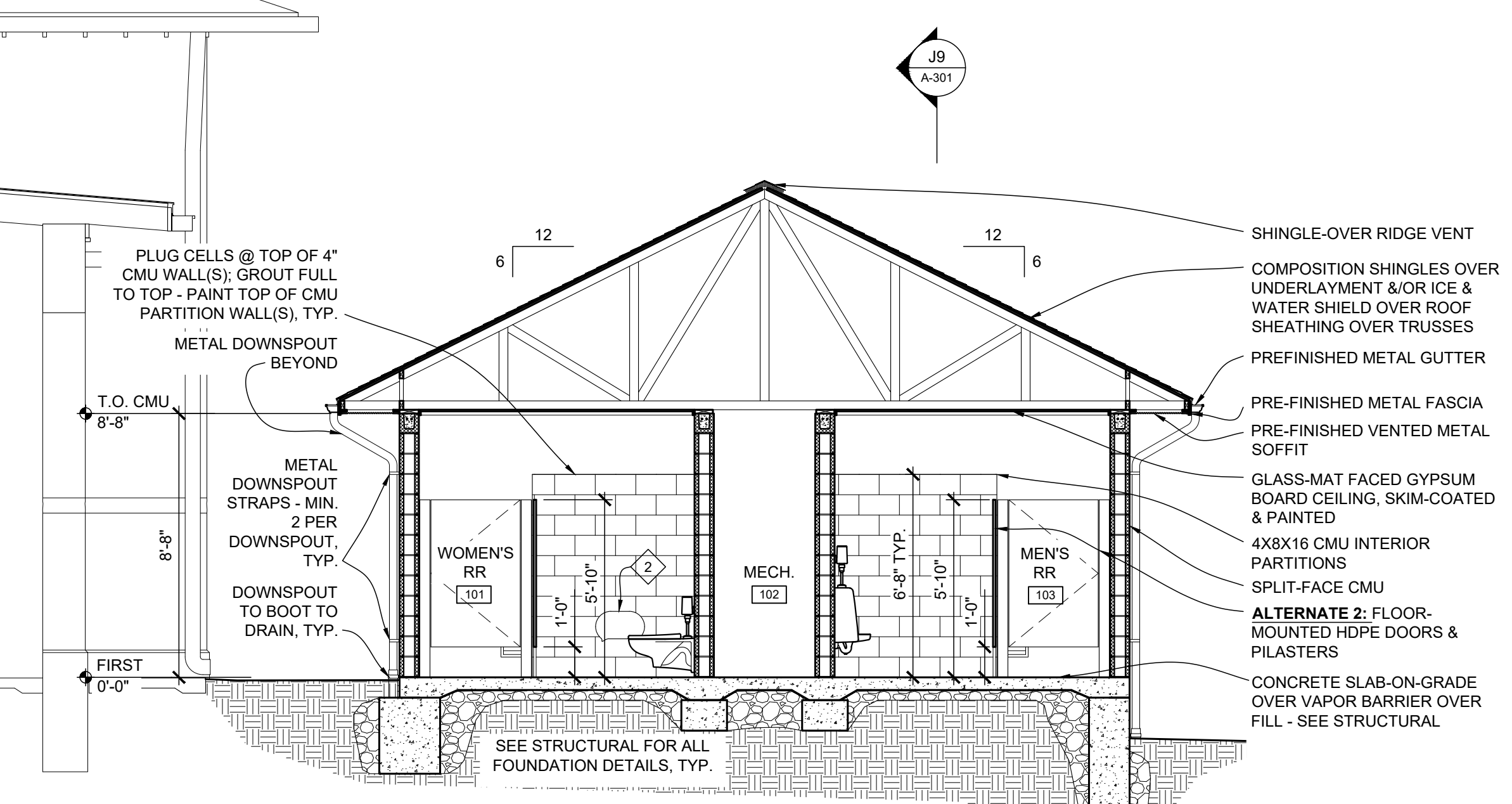
- PBO = PROVIDED BY OWNER
- PBC = PROVIDED BY CONTRACTOR
- IBC = INSTALLED BY CONTRACTOR



BASE BID: BUILDING SECTION - EAST/WEST
SCALE: 1/4" = 1'-0"

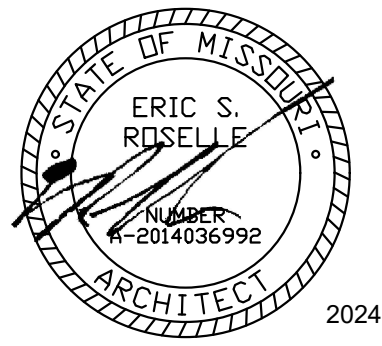


BASE BID: BUILDING SECTION - NORTH/SOUTH
SCALE: 1/4" = 1'-0"



BASE BID: BUILDING SECTION - NORTH/SOUTH
SCALE: 1/4" = 1'-0"

WALL SECTION
SCALE: 1" = 1'-0"



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SITE # 1501
ASSET # 3511501037

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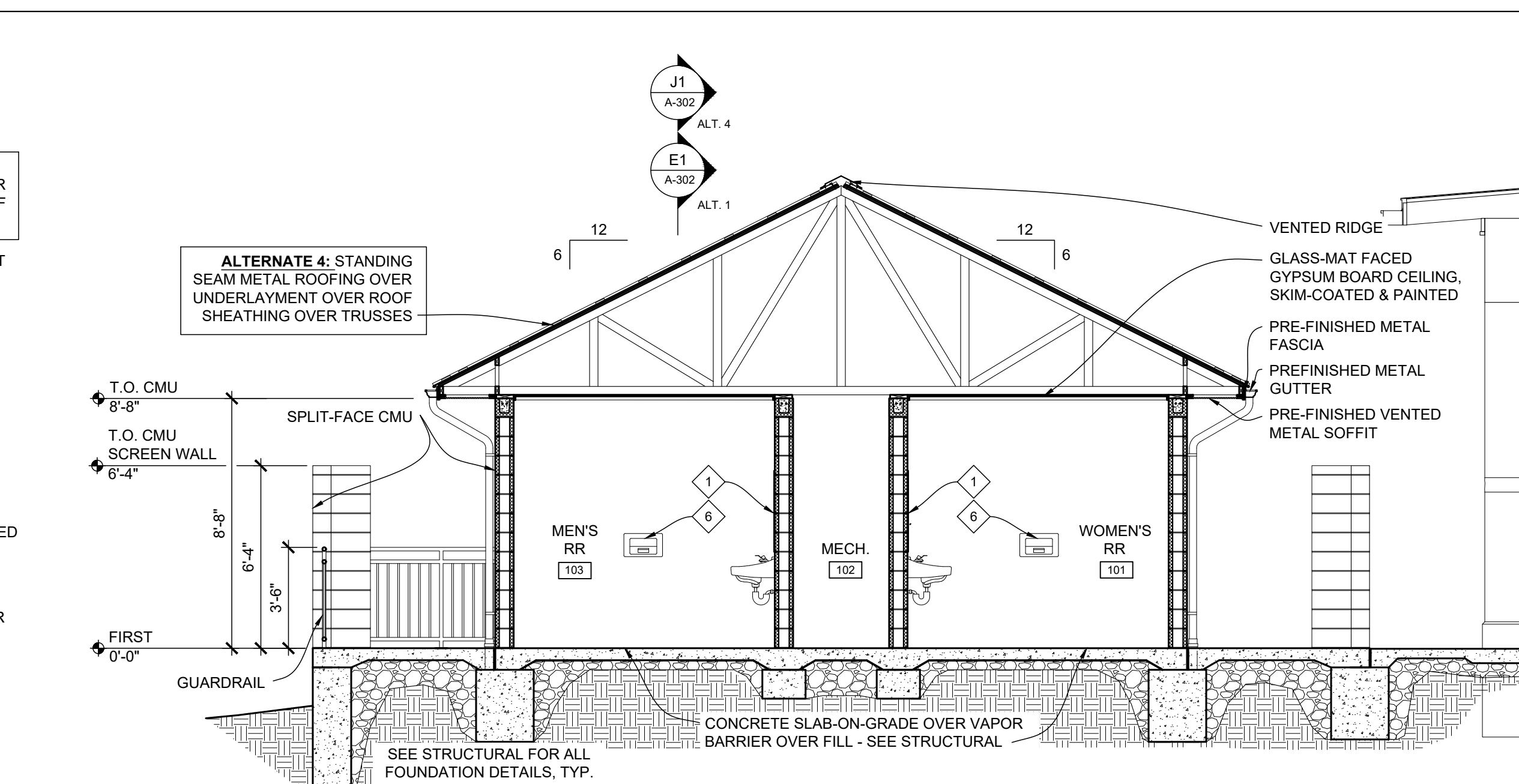
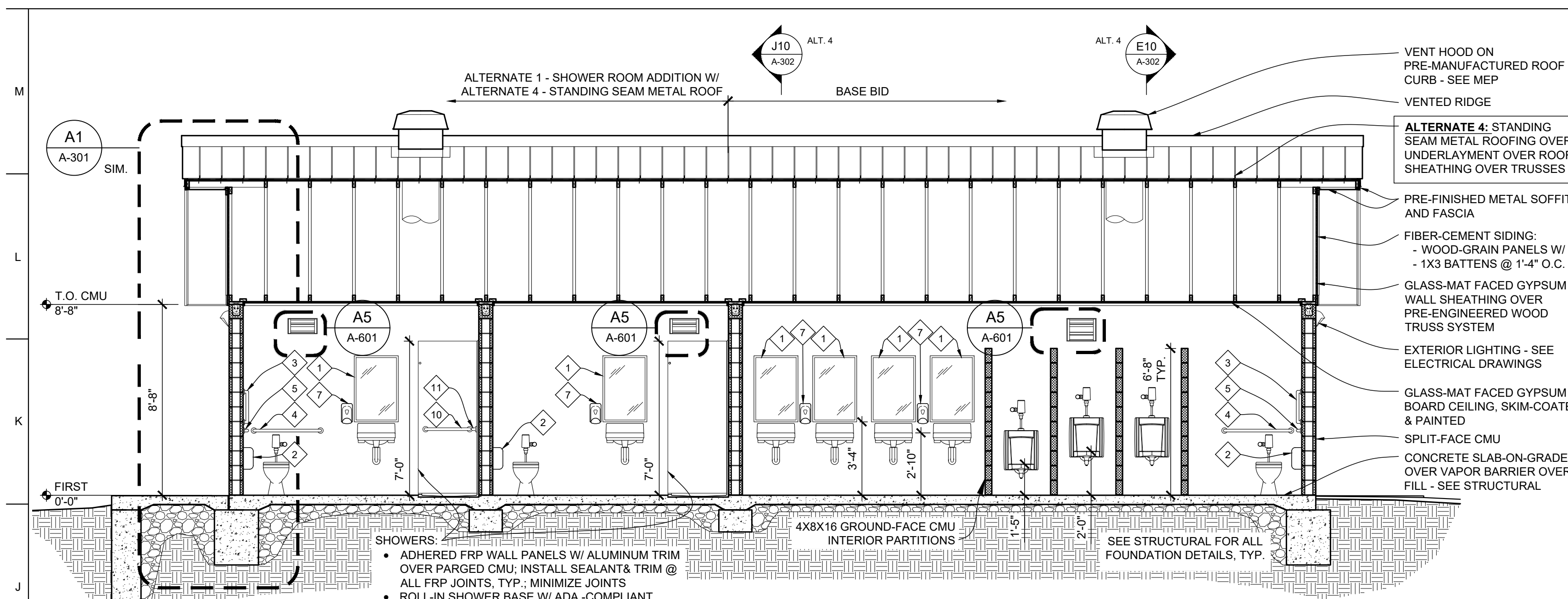
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DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**SECTIONS &
DETAILS**

SHEET NUMBER:

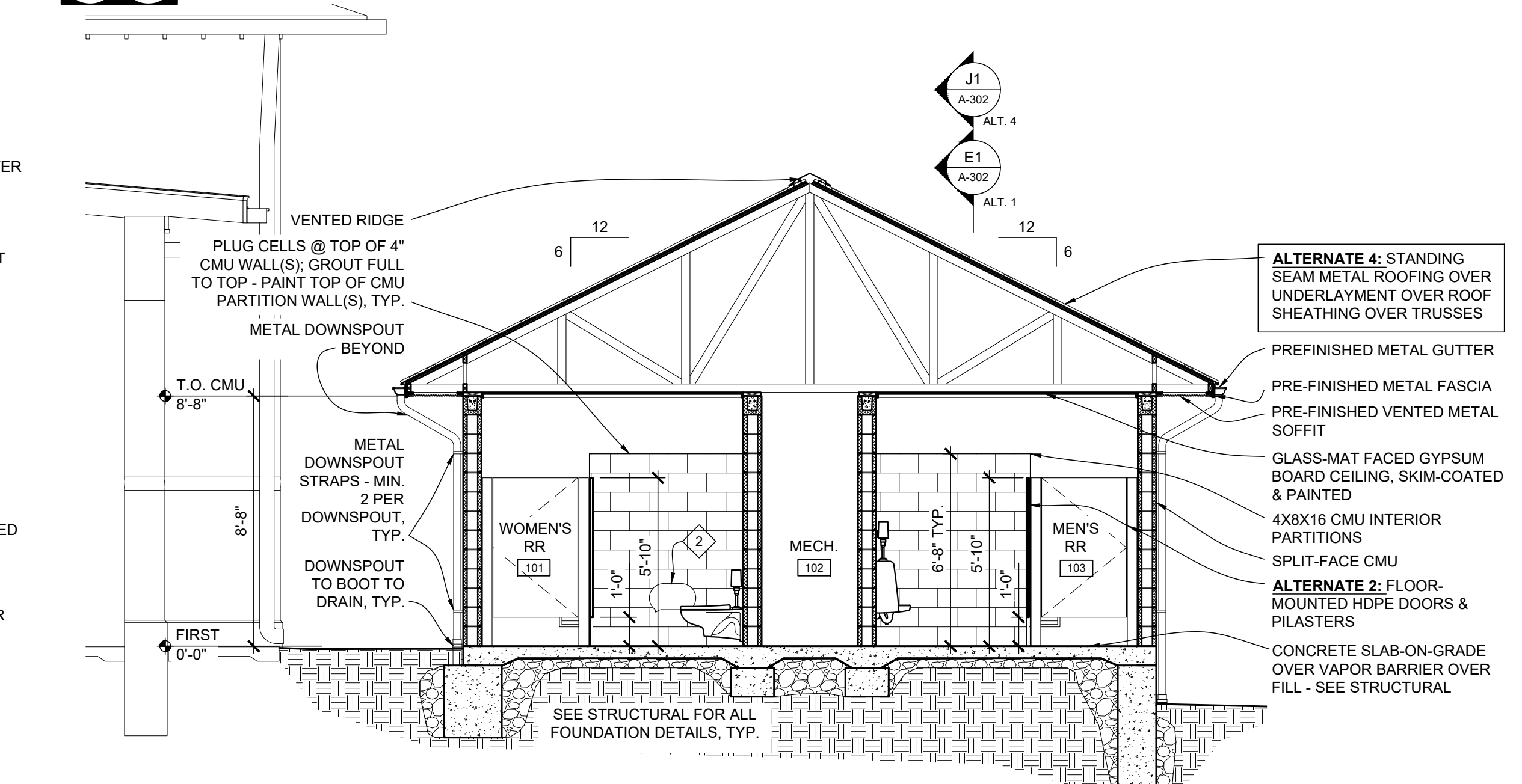
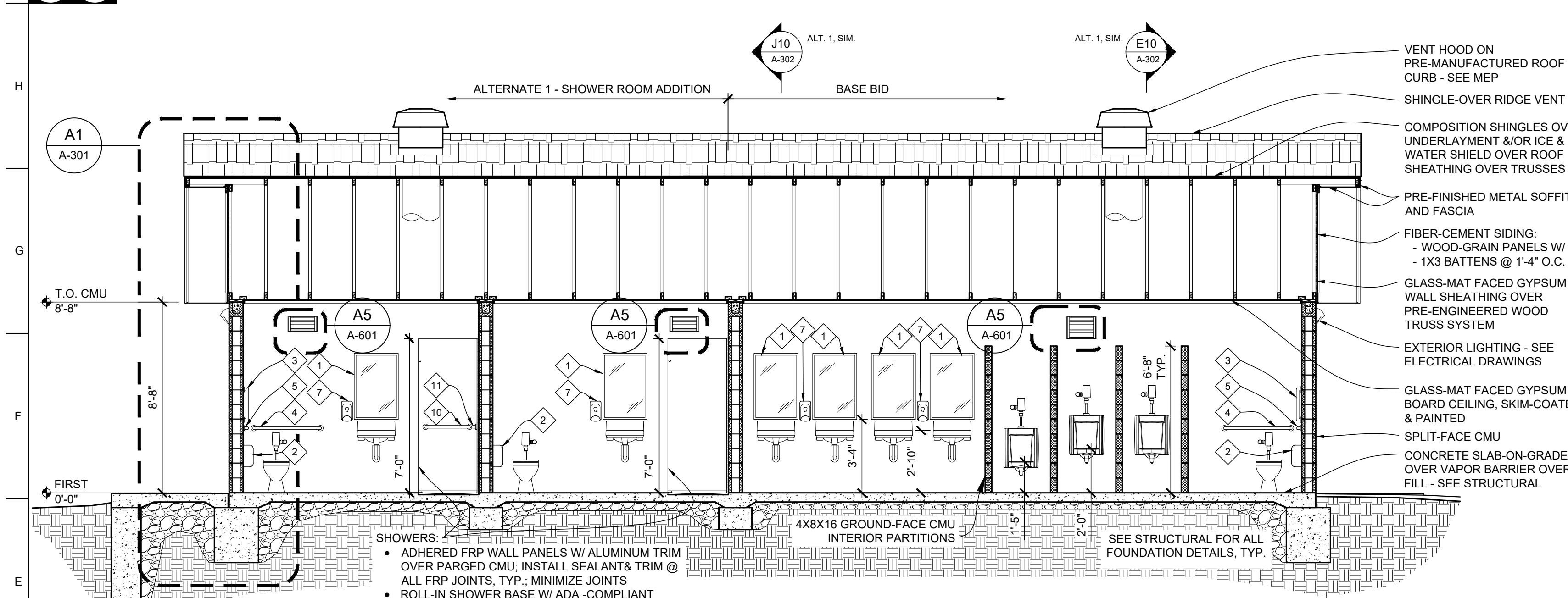
A-302

23 OF 33 SHEETS
2024-10-18



ALTERNATE 4: BUILDING SECTION - EAST/WEST
SCALE: 1/4" = 1'-0"

ALTERNATE 4: BUILDING SECTION - EAST/WEST
SCALE: 1/4" = 1'-0"



ALTERNATE 1: BUILDING SECTION - EAST/WEST
SCALE: 1/4" = 1'-0"

ALTERNATE 4: BUILDING SECTION - NORTH/SOUTH
SCALE: 1/4" = 1'-0"

- GENERAL BUILDING SECTION NOTES**
- SEE FINISH SCHEDULE FOR ALL FINISHES AND CEILING HEIGHTS.
 - FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY ARCHITECT OF ANY DIMENSIONS OR WORK DIFFERING FROM THAT SHOWN. FOR CLARIFICATION BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
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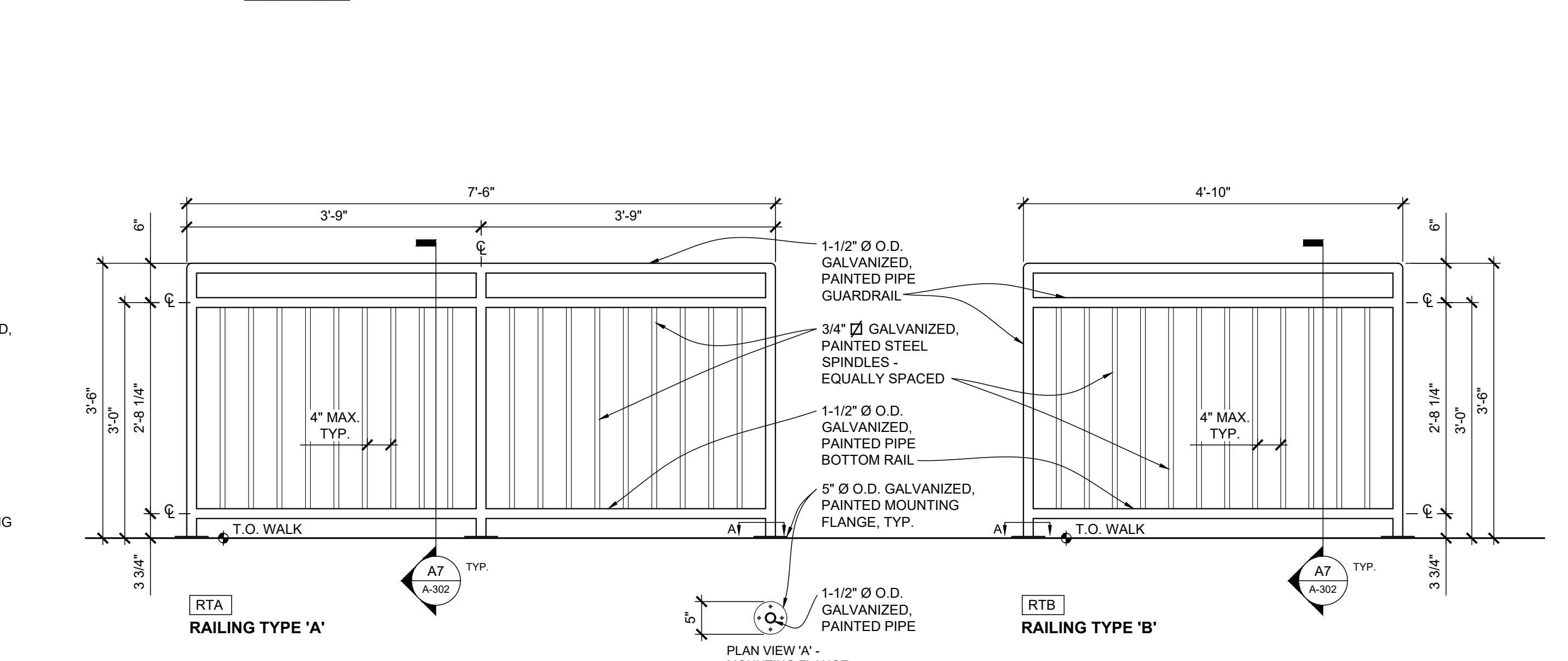
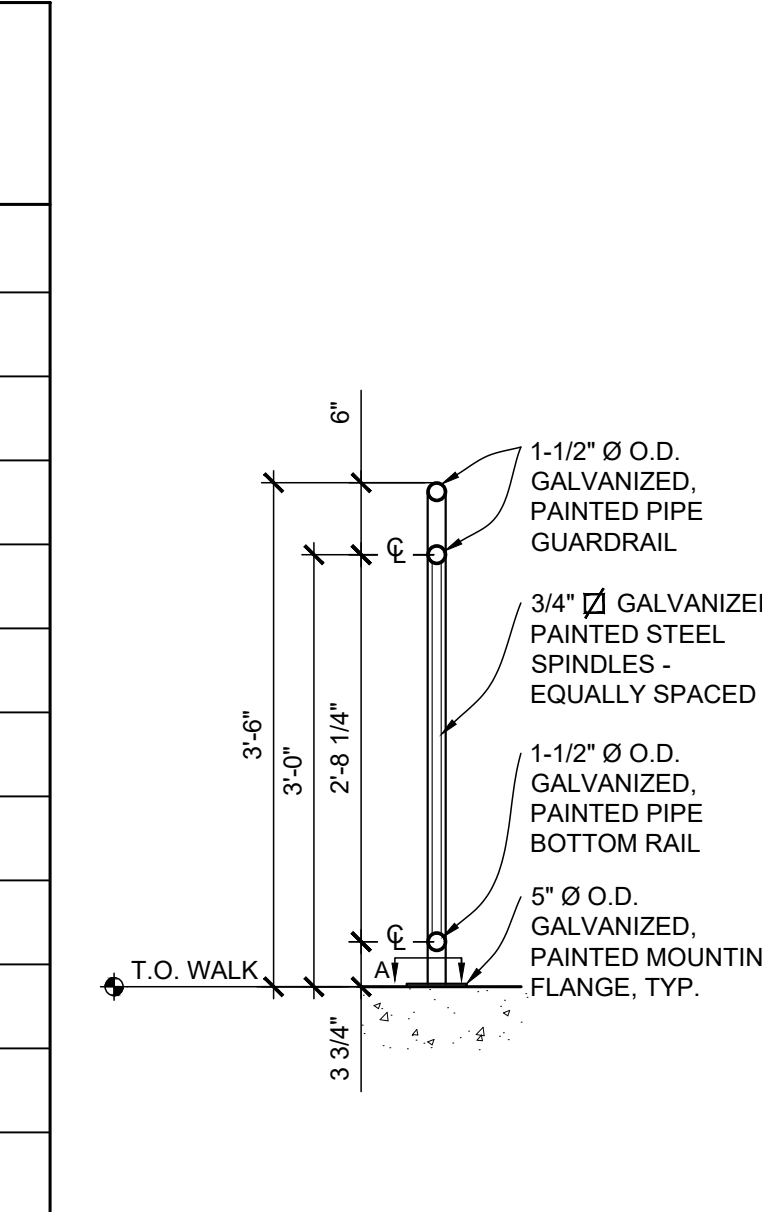
ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES

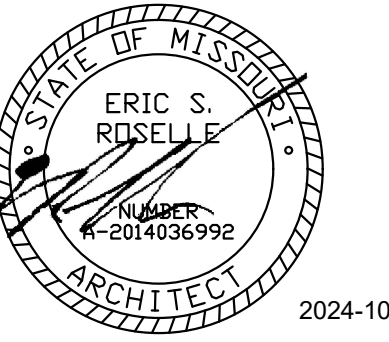
RESTROOM ACCESSORY SCHEDULE

NOTE	ITEM	PROVIDED BY:	INSTALLED BY:	MODEL	REMARKS
1	(24"X36") 1/4" TEMPERED GLASS MIRROR	PBC	IBC	BOBRICK B-2908 2436	
2	TOILET PAPER DISPENSER	PBO	IBC	CASCADES PRO D812	
3	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 18	
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5	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 42	
6	PAPER TOWEL DISPENSER	PBO	IBC	CASCADES PRO C340	
7	SOAP DISPENSER	PBO	IBC	SPARTAN LITE N' FOAMY	
8	SANITARY NAPKIN DISPOSAL	PBC	IBC	BOBRICK B-254	
9	CLOTHES HOOK	PBC	IBC	BOBRICK B-233	
10	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 24	
11	GRAB BAR	PBC	IBC	BOBRICK B-6806 x 48	

PROVIDE WALL BLOCKING / REINFORCING AS REQUIRED FOR ACCESSORY INSTALLATION AND MOUNTING.

- PBO = PROVIDED BY OWNER
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- IBC = INSTALLED BY CONTRACTOR





2024-10-18



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CAD DWG FILE: A-303
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

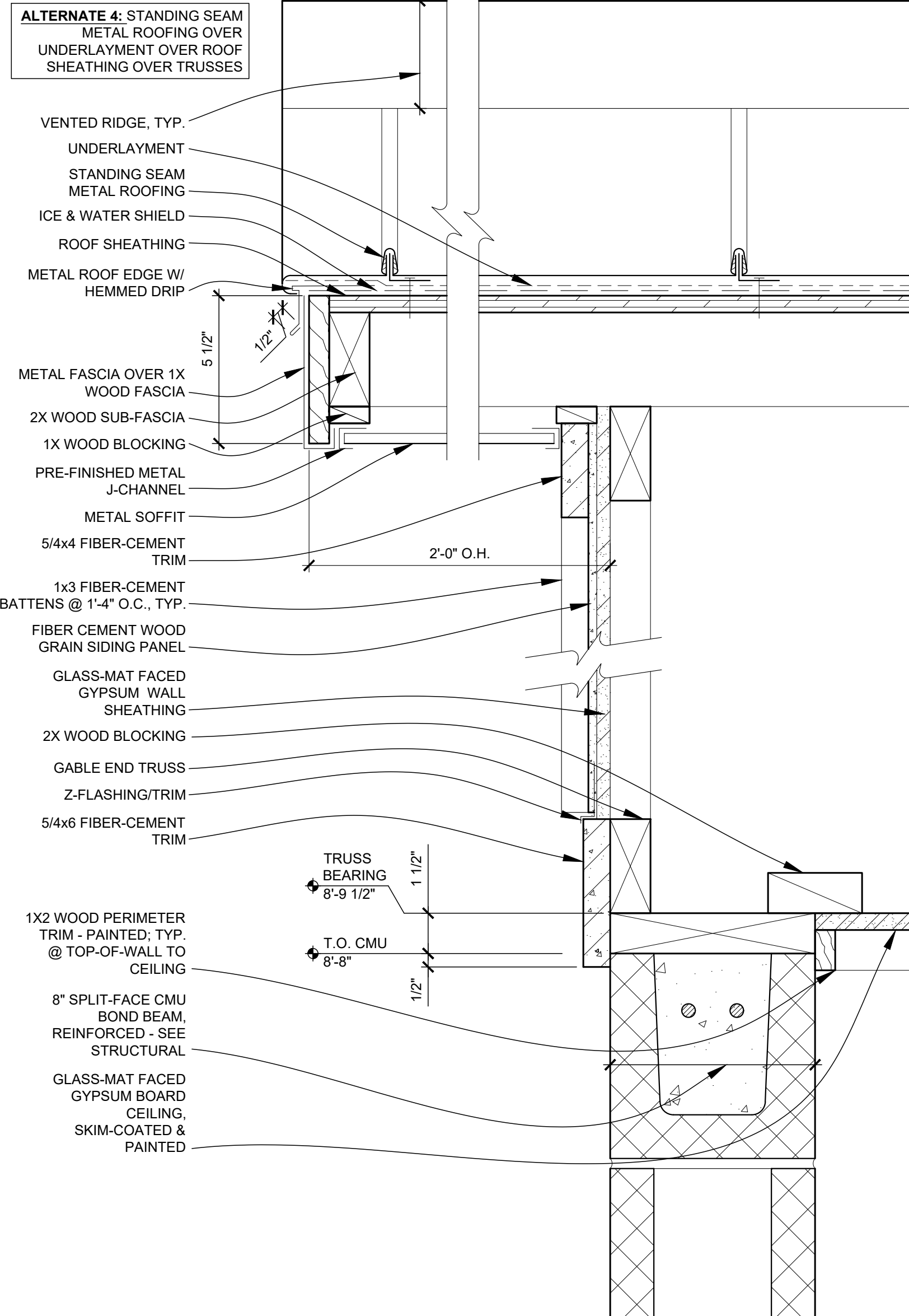
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**SECTIONS &
DETAILS**

SHEET NUMBER:

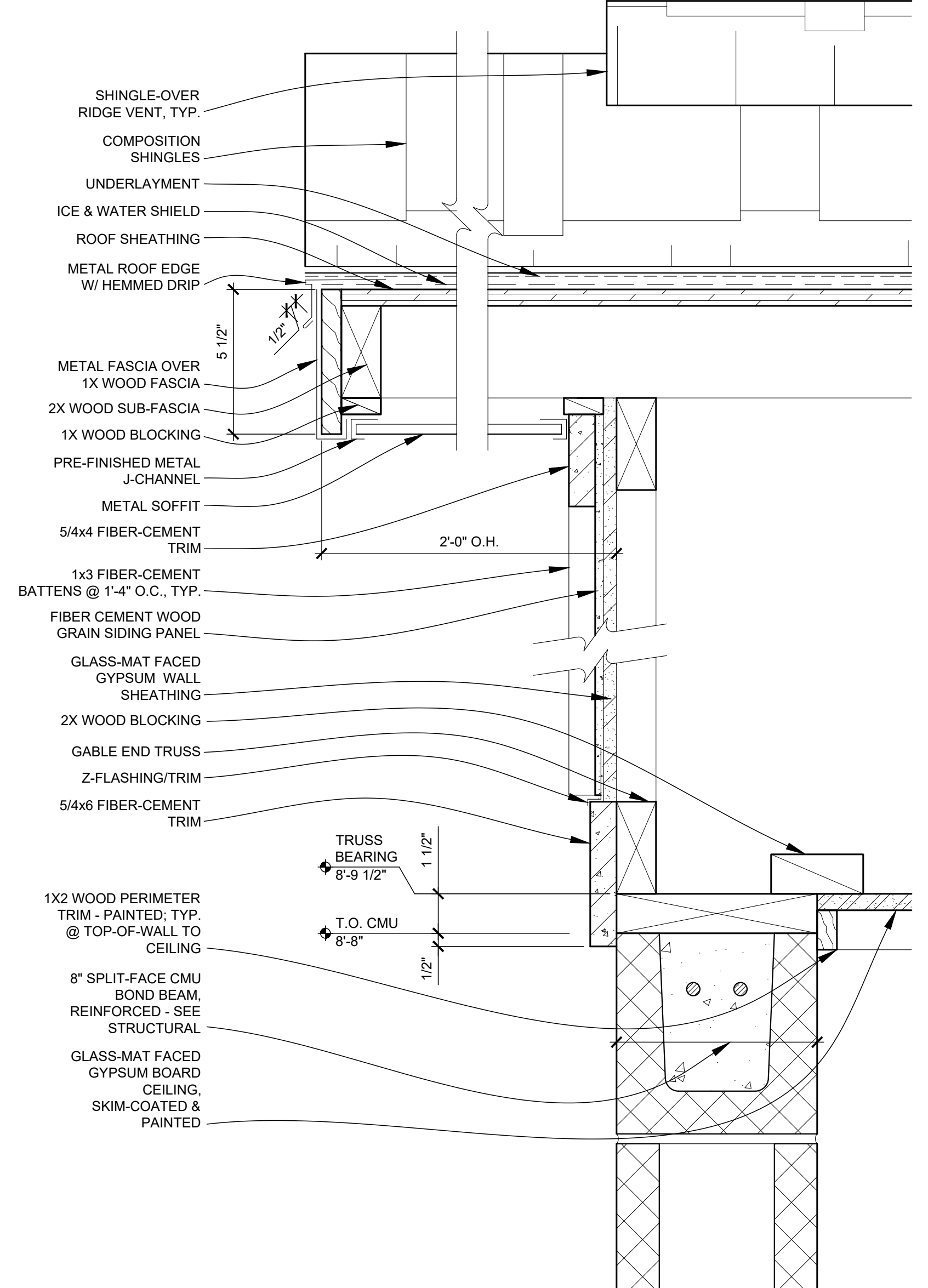
A-303

24 OF 33 SHEETS
2024-10-18

- GENERAL BUILDING SECTION NOTES**
- SEE FINISH SCHEDULE FOR ALL FINISHES AND CEILING HEIGHTS.
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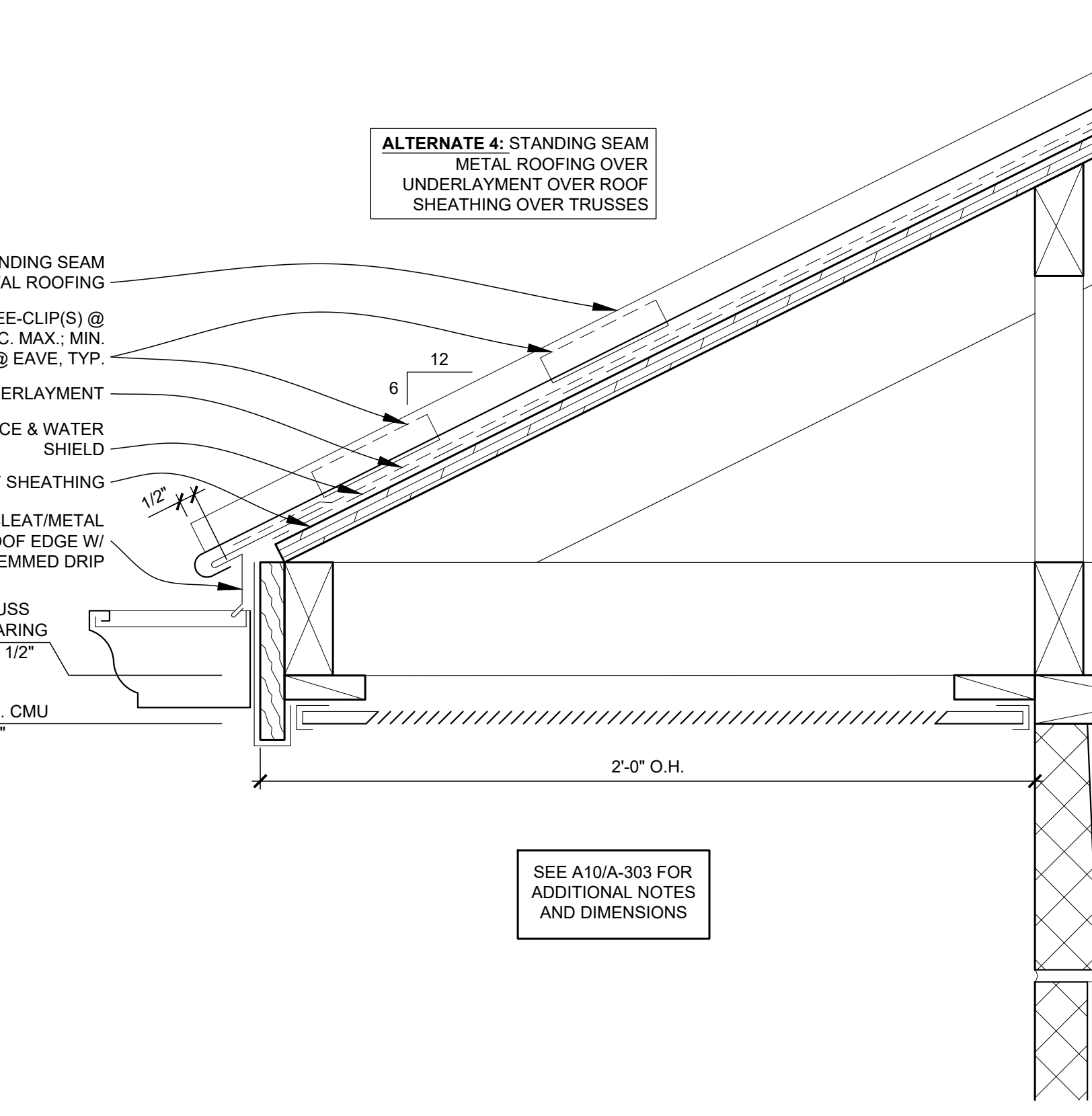


F10 D1 GABLE DETAIL SCALE: 3" = 1'-0"

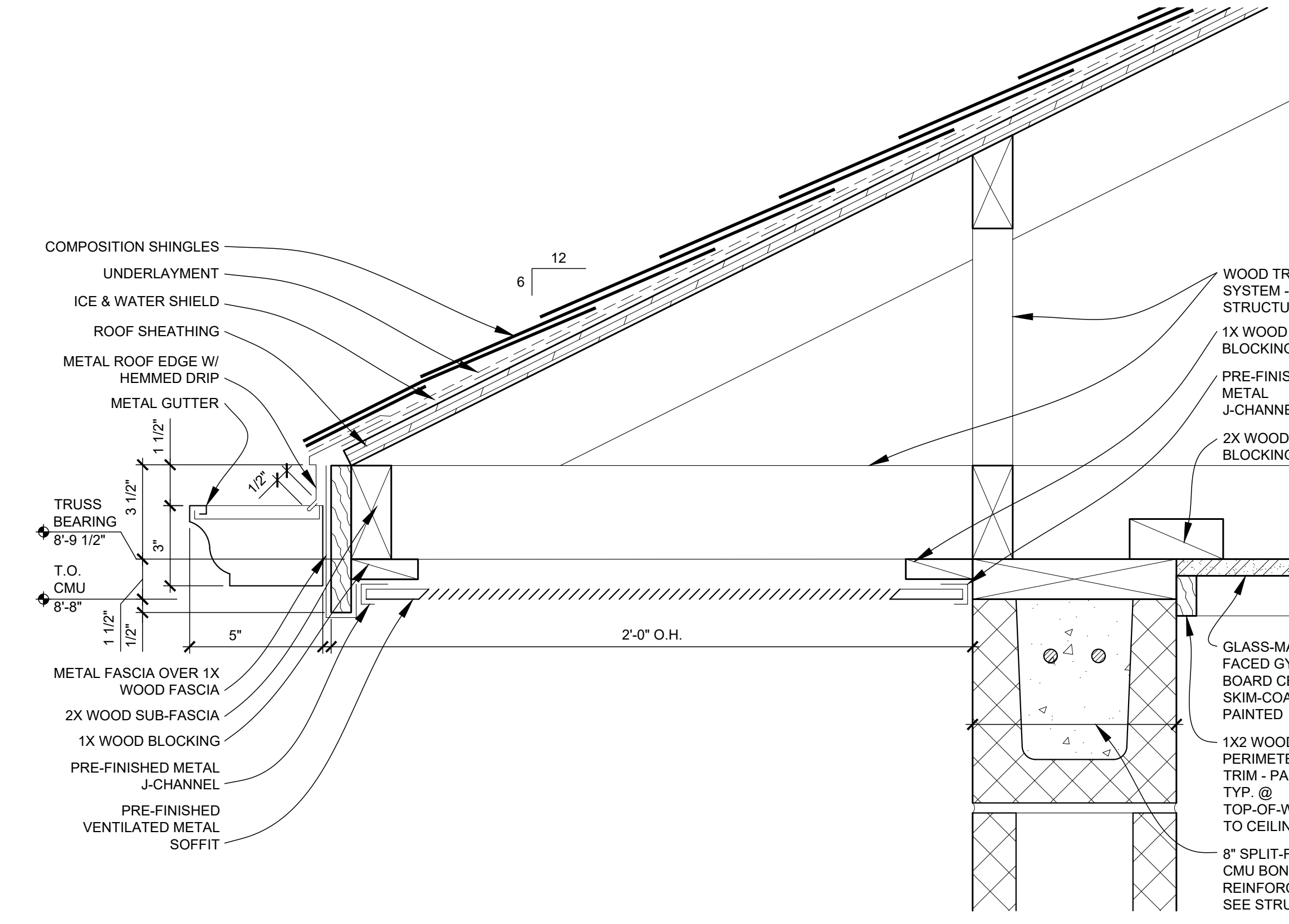


F10 D1 GABLE DETAIL SCALE: 3" = 1'-0"

F5 D8 ALTERNATE 4: GABLE DETAIL SCALE: 3" = 1'-0"



A5 A13 ALTERNATE 4: EAVE DETAIL SCALE: 3" = 1'-0"



A10 A6 EAVE DETAIL SCALE: 3" = 1'-0"

F5

D8

A-110

F10

D1

A-110

A5

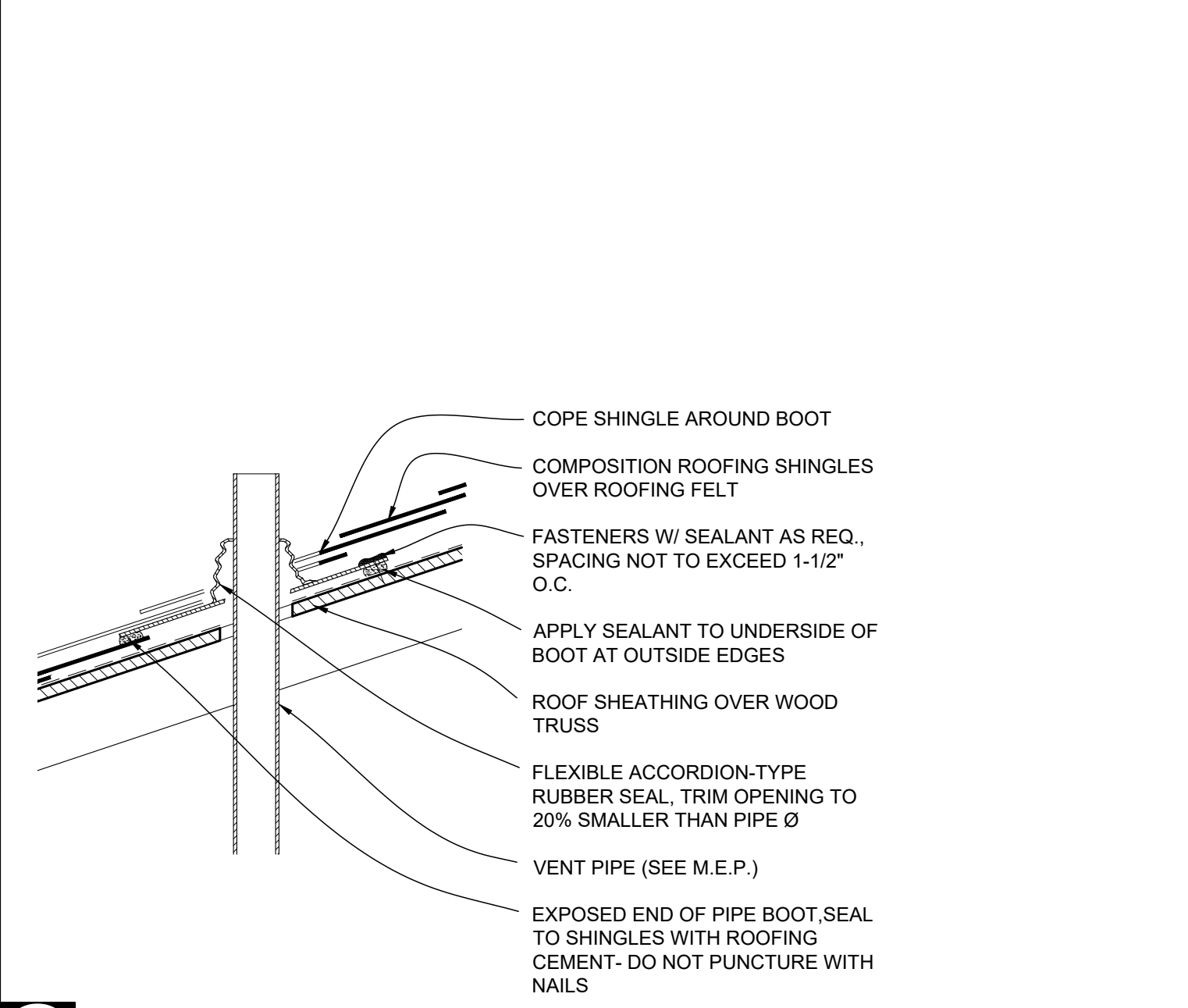
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A-110

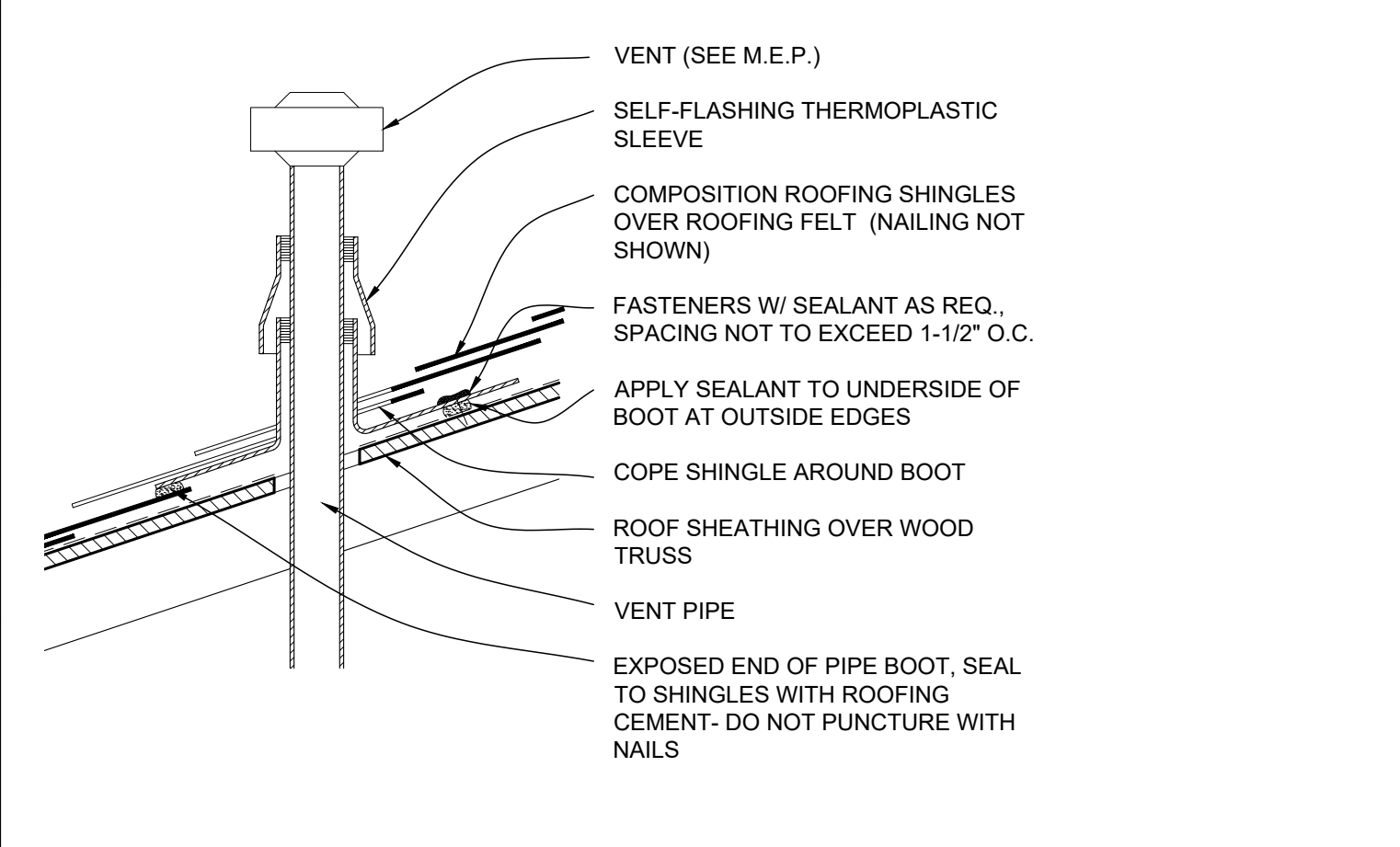
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A6

A-110



J1 TYP. VENT PIPE FLASHING DETAIL SCALE: 1-1/2" = 1'-0"



F1 TYP. VENT PIPE FLASHING DETAIL SCALE: 1-1/2" = 1'-0"

F1

A1 D11 ALTERNATE 4: VENTED RIDGE DETAIL SCALE: 3" = 1'-0"

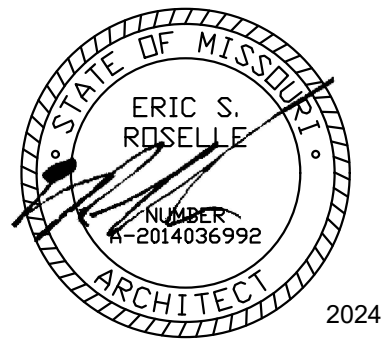
A1

D11

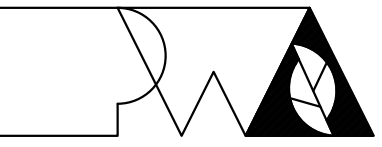
A-110

M
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



2024-10-18



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Missouri State Certificate of Authority No. 000244

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

NEW COMFORT STATION
AT SWINE PAVILION

MISSOURI STATE
FAIRGROUNDS (MSF)
2503 W. 16TH St.
SEDALIA, MO

PROJECT # F2406-01
SITE # 1501
ASSET # 3511501037

REVISION:
DATE: _____
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER
DATE: _____
ISSUE DATE: 2024-10-18

CAD DWG FILE: A-601
DRAWN BY: ER
CHECKED BY: ER
DESIGNED BY: ER

SHEET TITLE:
**SCHEDULES &
DETAILS**

SHEET NUMBER:

A-601

25 OF 33 SHEETS
2024-10-18

GENERAL DOOR & LOUVER DETAIL NOTES

- FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY ARCHITECT OF ANY DIMENSIONS OR WORK DIFFERING FROM THAT SHOWN. FOR CLARIFICATION BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- VERIFY ALL ROUGH OPENINGS FOR DOORS, LOUVERS, EQUIPMENT, & OTHER "BUILT-IN" ITEMS PRIOR TO EXECUTION OF ANY WORK AFFECTED BY SAME.
- LOCATE DOOR OPENINGS WHICH ARE NOT DIMENSIONED OTHERWISE, CENTERED IN WALL AND 6" FROM FINISH WALL TO FINISH JAMB.
- SEE DOOR SCHEDULE FOR DOOR DIMENSIONS AND DETAILS.

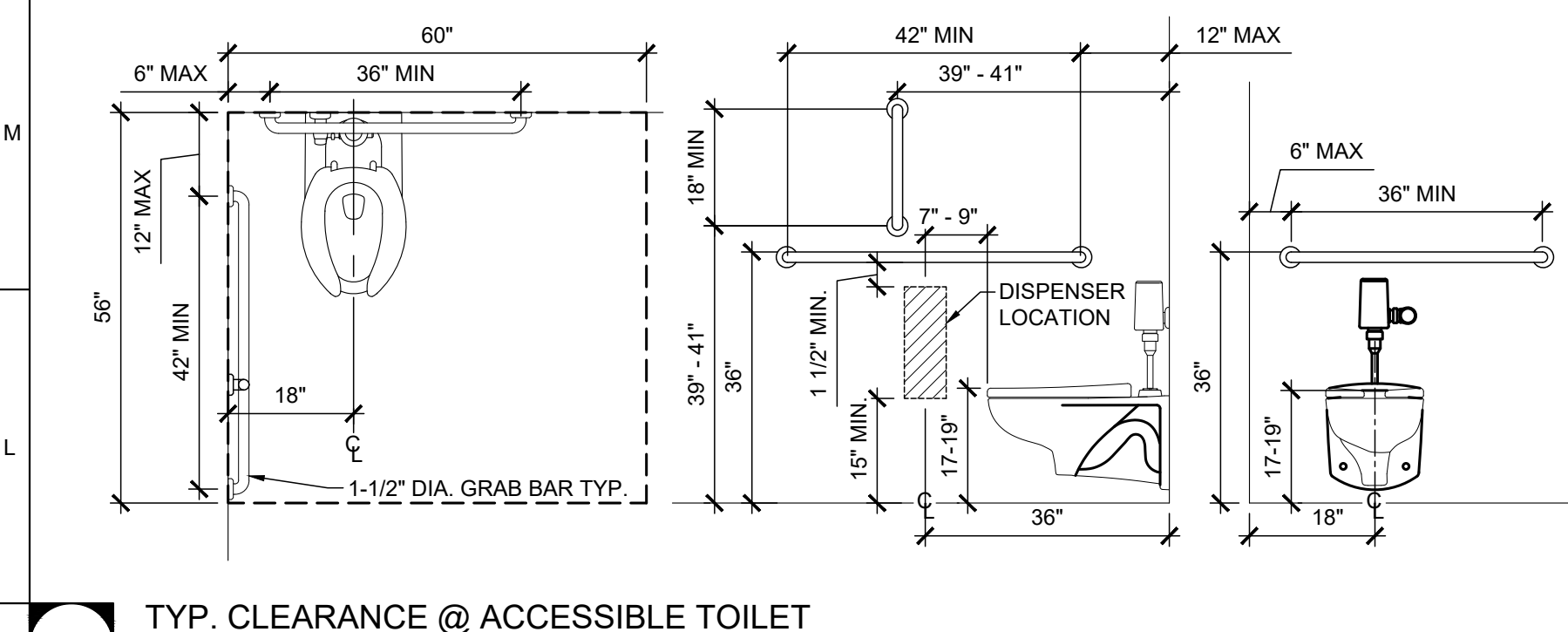
ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR MAT'L	BASE MAT'L	WALL				CEILING		REMARKS
				NORTH	EAST	SOUTH	WEST	FINISH	HEIGHT	
FIRST FLOOR										
101	WOMEN'S RESTROOM	SC	--	PNT-01	PNT-01	PNT-01	PNT-01	PGB-01	8'-9"	
102	MECHANICAL	SC	--	--	--	--	--	EXPOSED		
103	MEN'S RESTROOM	SC	--	PNT-01	PNT-01	PNT-01	PNT-01	PGB-01	8'-9"	
ALTERNATE 1										
104	SHOWER	SC	--	PNT-01	PNT-01	PNT-01	PNT-01	PGB-01	8'-9"	
105	SHOWER	SC	--	PNT-01	PNT-01	PNT-01	PNT-01	PGB-01	8'-9"	
107	SHOWER	SC	--	PNT-01	PNT-01	PNT-01	PNT-01	PGB-01	8'-9"	
108	SHOWER	SC	--	PNT-01	PNT-01	PNT-01	PNT-01	PGB-01	8'-9"	

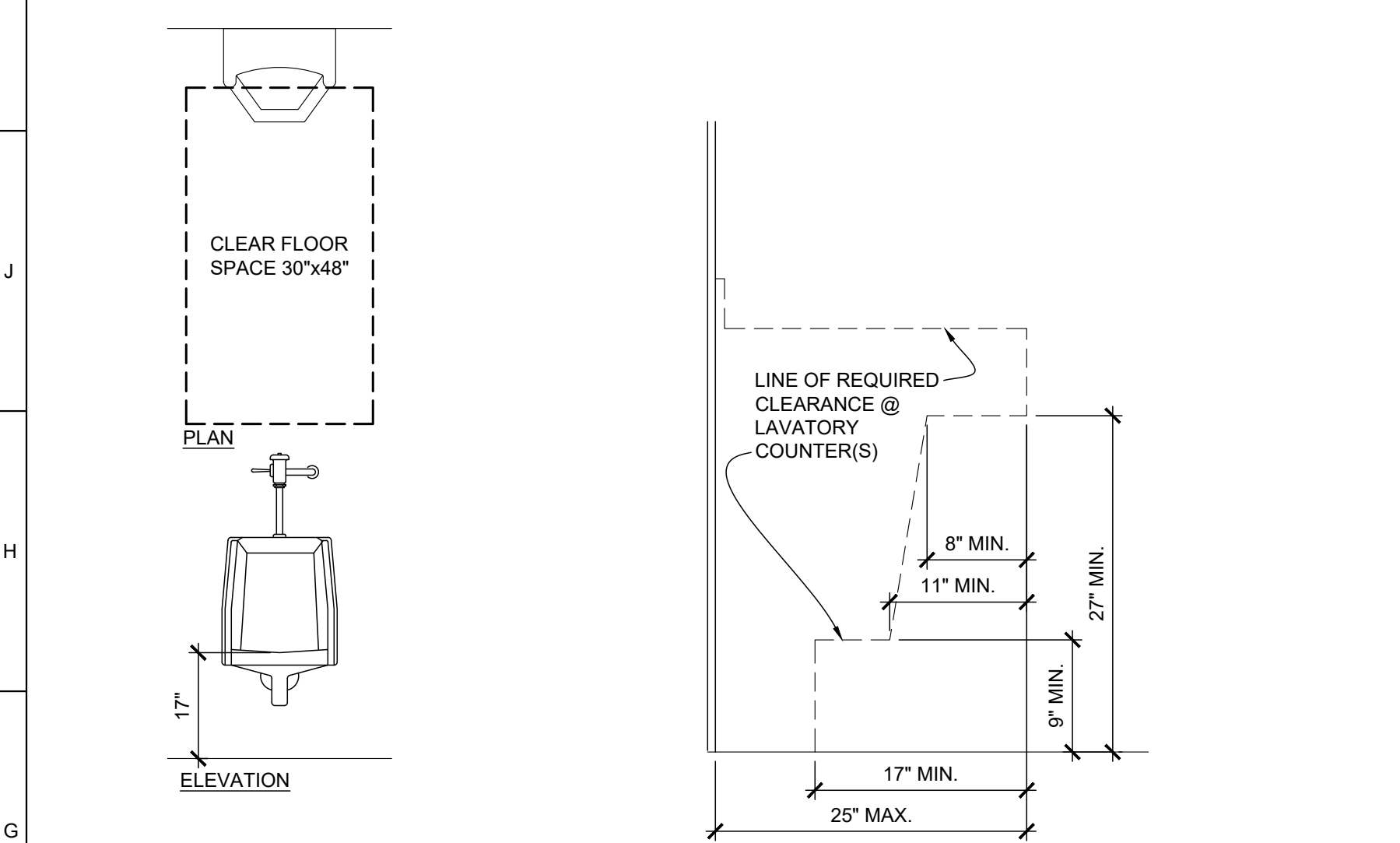
INTERIOR FINISH LEGEND

FINISH TAG	MATERIAL	MFR.	STYLE	COLOR	COMMENTS
FLOORING					
SC	SEALED CONCRETE	PROSOCO	CONSOLIDECK LSGUARD		
WALL					
PNT-01	PAINT CMU	SHERWIN WILLIAMS	SATIN UNO	SW7015 REPOSE GRAY	ALTERNATE 3: PNT-01 - EPOXY PAINT SYSTEM - SEE SPECIFICATION
CEILING					
PGB-01	PAINT GYPSUM BOARD	SHERWIN WILLIAMS	FLAT UNO	SW7007 CEILING BRIGHT WHITE	
OTHER					
	HDPE TOILET PARTITION	SCRANTON	HINY HIDERS	CHARCOAL GREY; TEXTURE: OP	ALTERNATE 3: HDPE TOILET PARTITION
	HM DOORS & DOOR FRAMES	SHERWIN WILLIAMS	SEMI-GLOSS UNO	SW6203 SPARE WHITE	
	GUARDRAILS	SHERWIN WILLIAMS	SEMI-GLOSS UNO	SW6258 TRICORN BLACK	

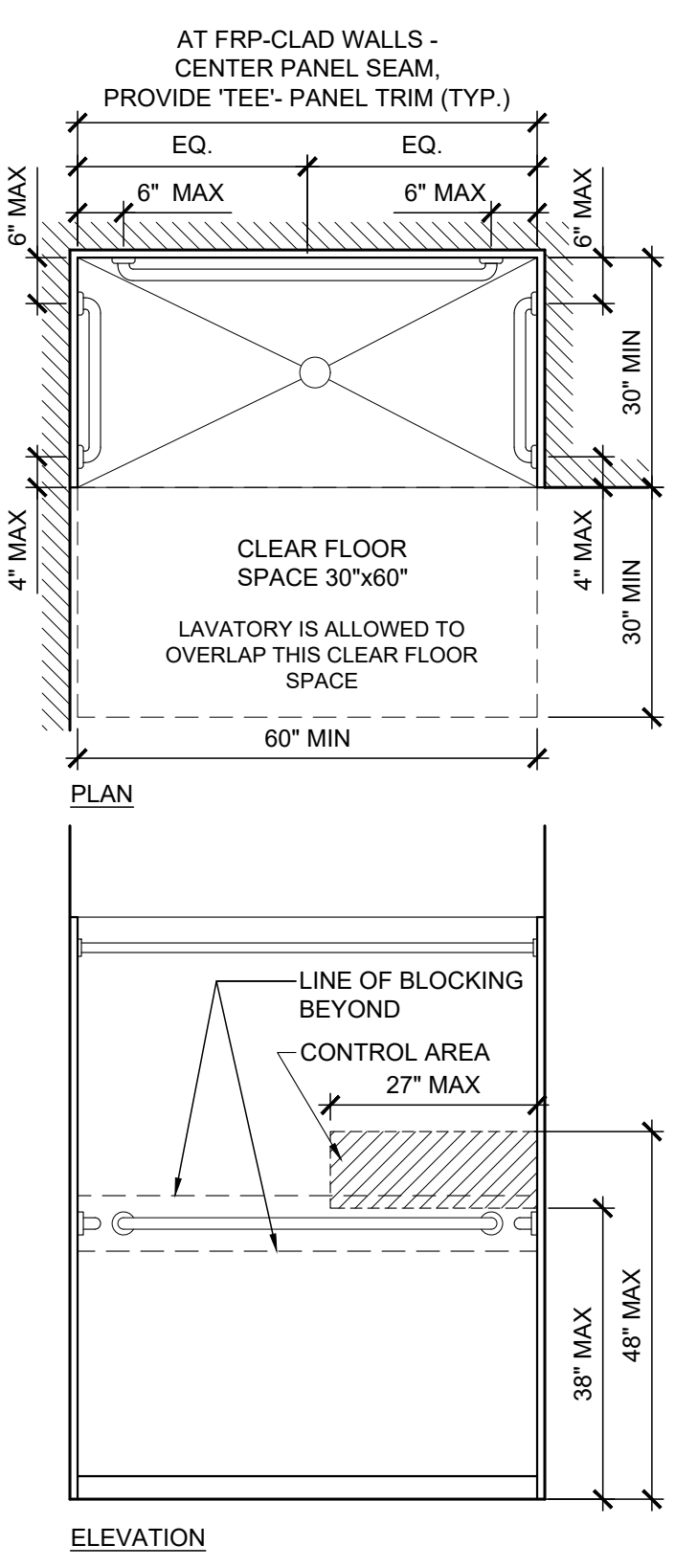
DOOR NO.	DOOR LEAF SIZE (W x H)	MATERIAL	FRAME SIZE (W x H)			DETAILS	HARDWARE GROUP	FIRE RATING	REMARKS
			WOOD	HOLLOW METAL	ALUMINUM				
FIRST FLOOR									
101	3'-0" X 7'-0"	D1	X			A10/A-601			
* 102A	2'-8" X 7'-0"	D1	X			A10/A-601			* ALTERNATE 1
102B	2'-8" X 7'-0"	D1	X			A10/A-601			
103	3'-0" X 7'-0"	D1	X			A10/A-601			
* 104	3'-0" X 7'-0"	D1	X			A10/A-601			* ALTERNATE 1
* 105	3'-0" X 7'-0"	D1	X			A10/A-601			* ALTERNATE 1
* 107	3'-0" X 7'-0"	D1	X			A10/A-601			* ALTERNATE 1
* 108	3'-0" X 7'-0"	D1	X			A10/A-601			* ALTERNATE 1



L1 TYP. CLEARANCE @ ACCESSIBLE TOILET
SCALE: 1/2" = 1'-0"

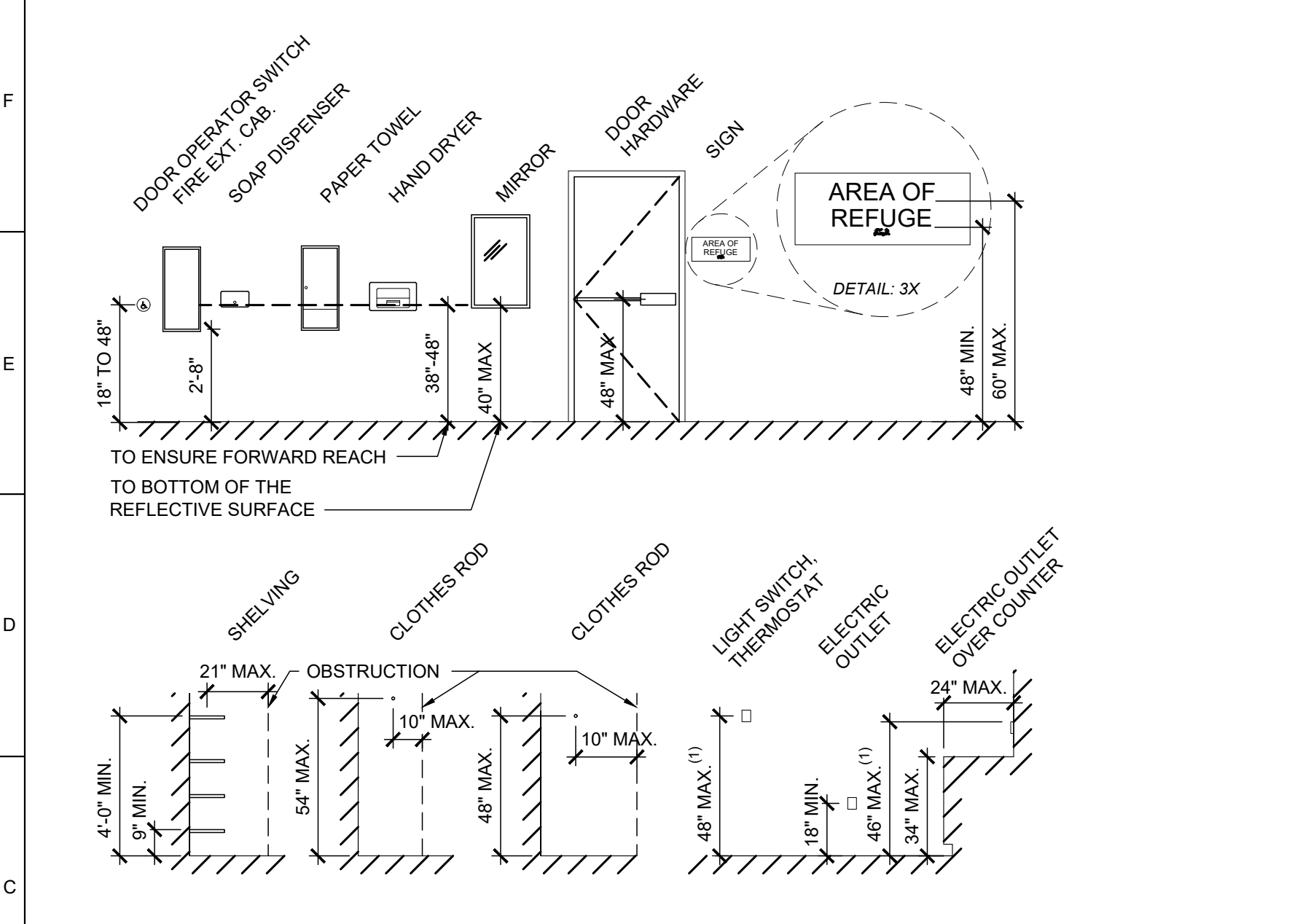


G1 TYP. CLEARANCE @ ACCESSIBLE URINAL
SCALE: 1/2" = 1'-0"

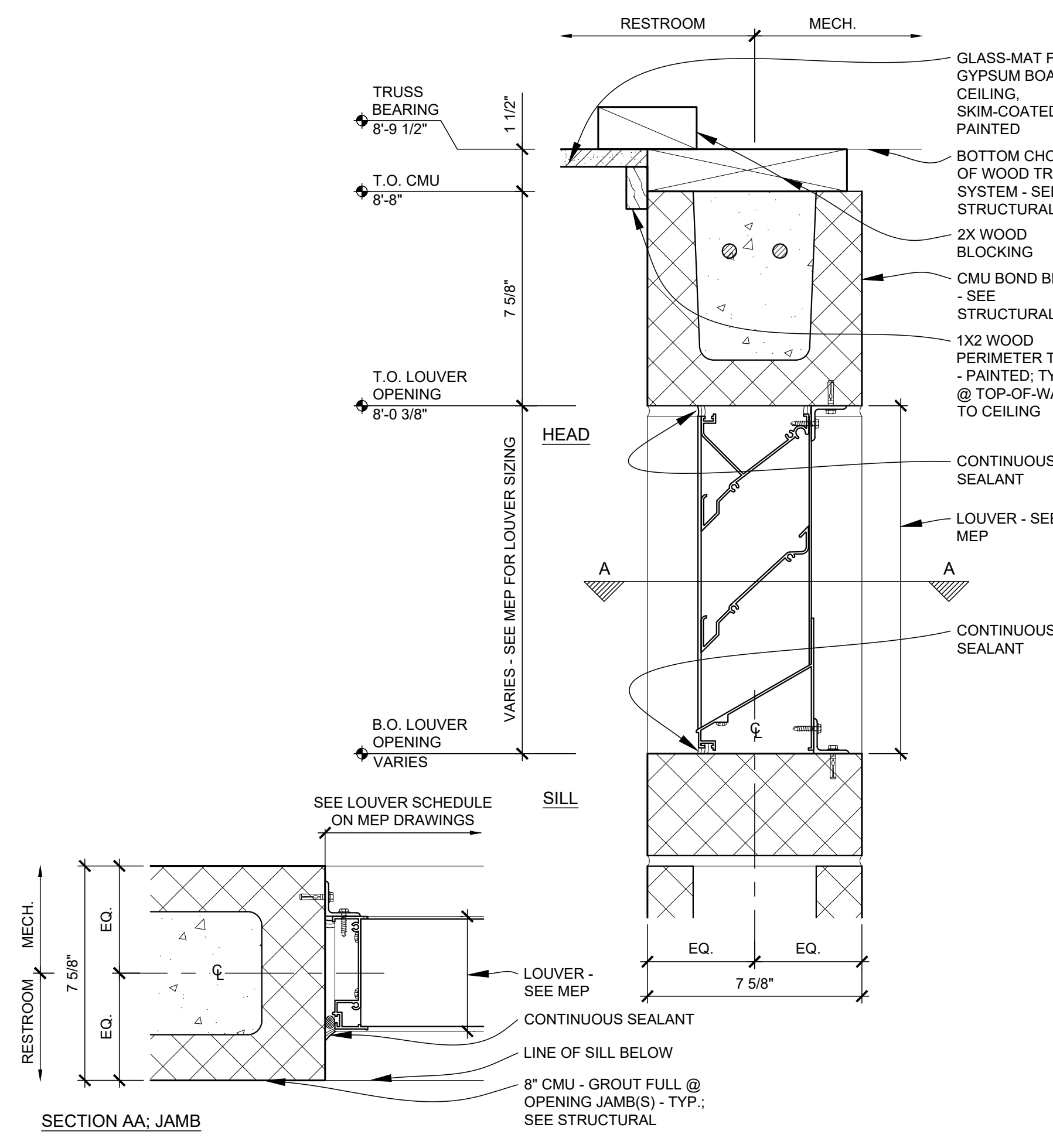


G3 TYP. CLEARANCE @ ACCESSIBLE LAVATORY
SCALE: 1" = 1'-0"

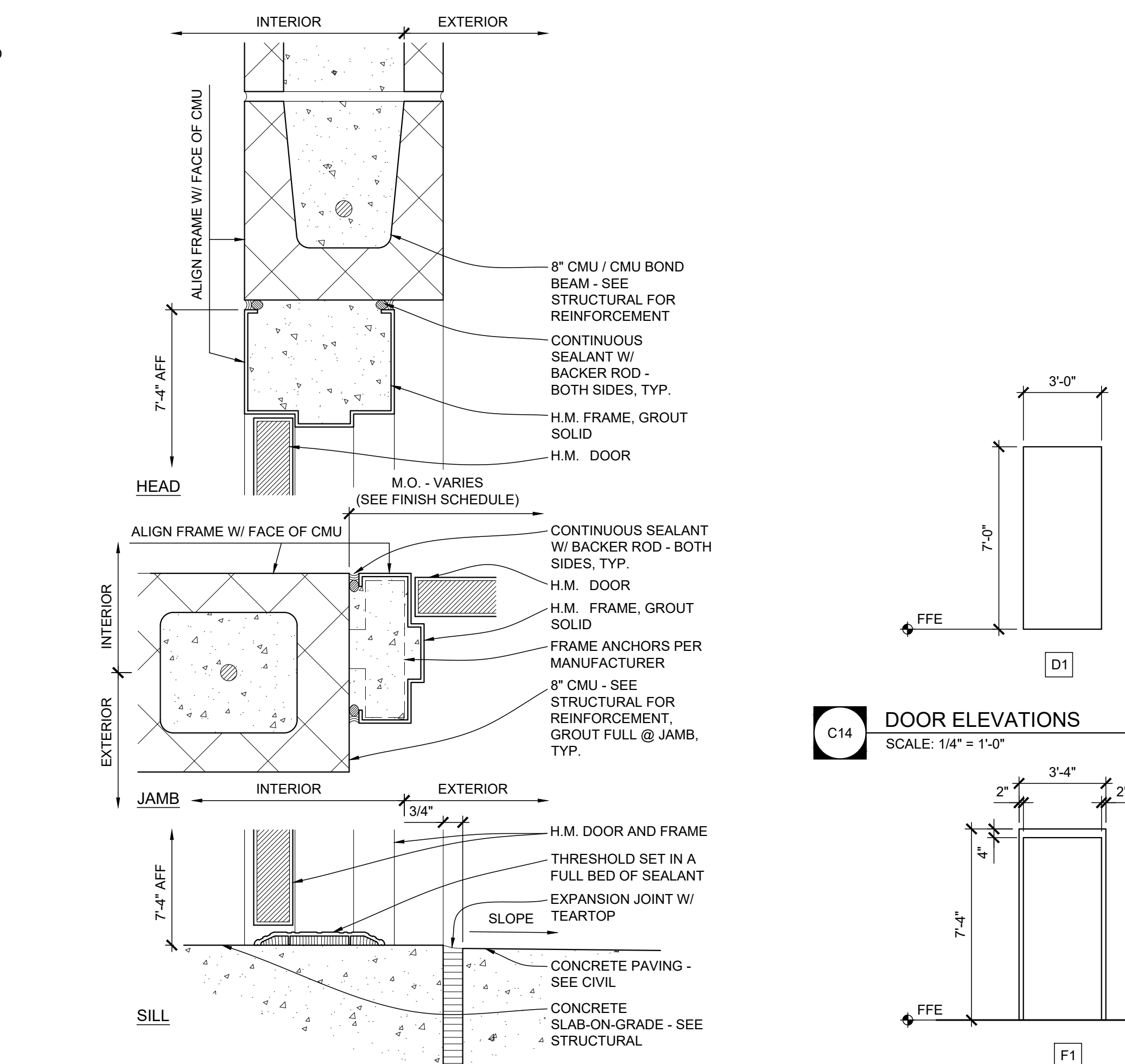
G3 TYP. CLEARANCE @ ACCESSIBLE ROLL-IN SHOWER W/O SEAT
SCALE: 1" = 1'-0"



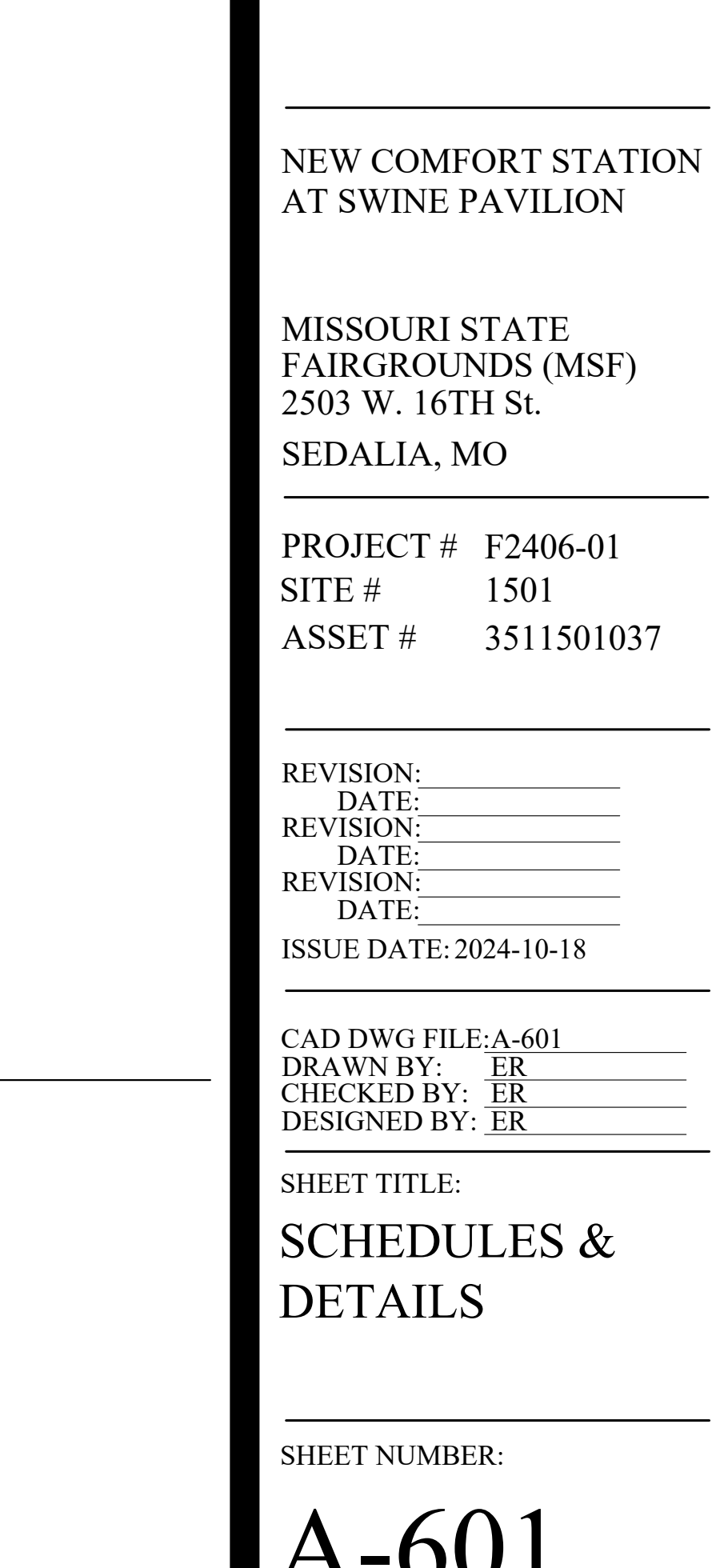
C1 TYP. MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"



A5 EXHAUST LOUVER: HEAD, JAMB, & SILL
SCALE: 3" = 1'-0"



A10 H.M. DOOR: HEAD, JAMB, & SILL
SCALE: 3" = 1'-0"



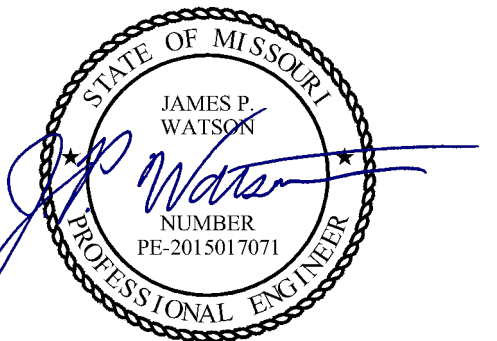
A14 FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"

GENERAL MEP SPECIFICATIONS

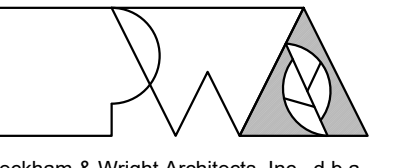
1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND UNDERSTAND ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENTS. EACH CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH HIS TRADE REGARDLESS OF WHERE THE WORK IS DEPICTED IN THE DRAWINGS OR SPECIFICATIONS.
2. THE LAYOUT OF SYSTEMS SHOWN ON PLANS ARE APPROXIMATE AND WILL NEED TO BE COORDINATED IN FIELD. THE CONTRACTOR SHALL INCLUDE THIS COORDINATION IN HIS SCOPE AND INCLUDE ALL COSTS OF MODIFYING THE LAYOUT AS REQUIRED IN HIS BID.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PARTS AND LABOR TO PRODUCE A COMPLETE AND FULLY OPERATIONAL SYSTEM UNLESS STATED OTHERWISE ON PLANS.
4. ALL MATERIALS TO BE NEW, FIRST CLASS, AND INSTALLED PER MANUFACTURER'S PUBLISHED INSTRUCTIONS.
5. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH LOCALLY ADOPTED CODES AND ORDINANCES.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EQUIPMENT LOCATIONS AND SYSTEM ROUTING WITH OTHER TRADES PRIOR TO INSTALLATION.
7. CONTRACTOR TO GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE THE PROJECT IS TURN OVER TO THE OWNER, UNLESS NOTED OTHERWISE.
8. CONTRACTOR IS TO INCLUDE IN THEIR SCOPE THE COST OF ALL PERMITS, INSPECTIONS, METERING, AND TAPS ASSOCIATED WITH THEIR WORK.
9. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, CUTTING, CORING, PATCHING, AND BACKFILL REQUIRED TO COMPLETE THEIR WORK, UNLESS NOTED OTHERWISE.
10. THESE PLANS ARE NOT TO BE SCALED. SEE ARCHITECTURAL PLANS FOR DIMENSIONS. WHERE THERE IS A CONFLICT BETWEEN ARCHITECTURAL DIMENSIONS AND MEP DIMENSION, ARCHITECTURAL SHALL GOVERN.
11. SEE DISCIPLINE SHEETS FOR ADDITIONAL DISCIPLINE SPECIFIC SPECIFICATIONS.

REFERENCED CODES IN EFFECT

- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2018 INTERNATIONAL FIRE CODE
- 2017 NATIONAL ELECTRIC CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE

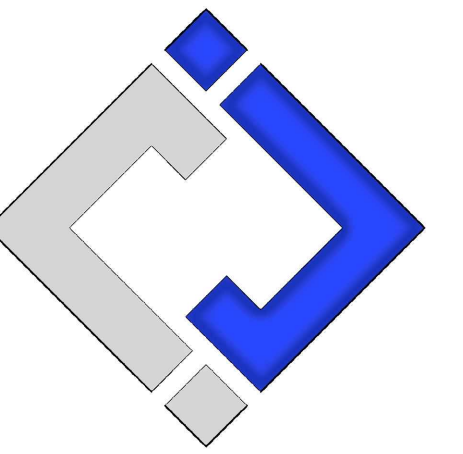


James Watson, P.E. October 18, 2024
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PROJECT # F2206-01
SITE # 1501
ASSET # 3511501037

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ISSUE DATE: 10/18/2024

CAD DWG FILE: J21277
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

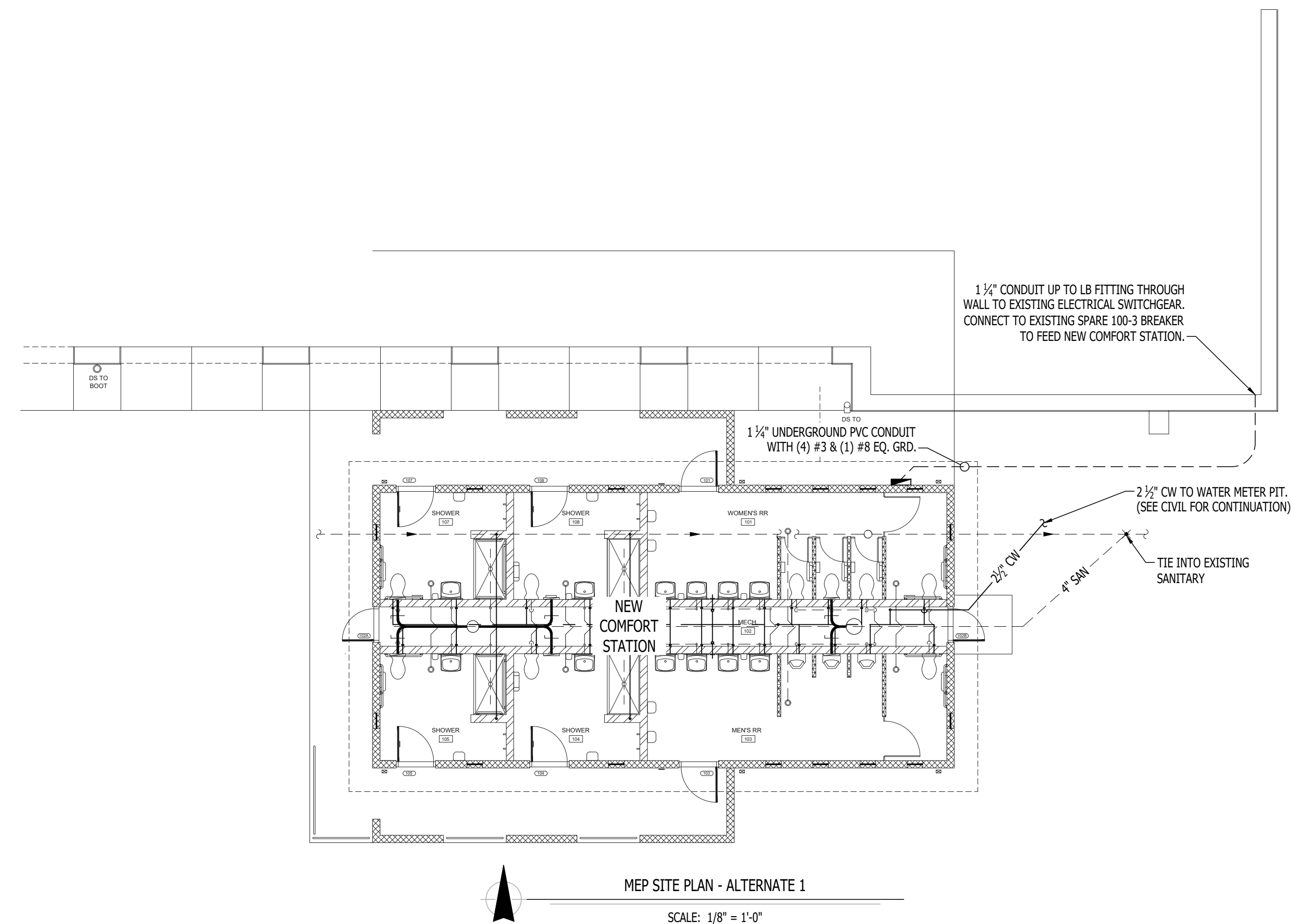
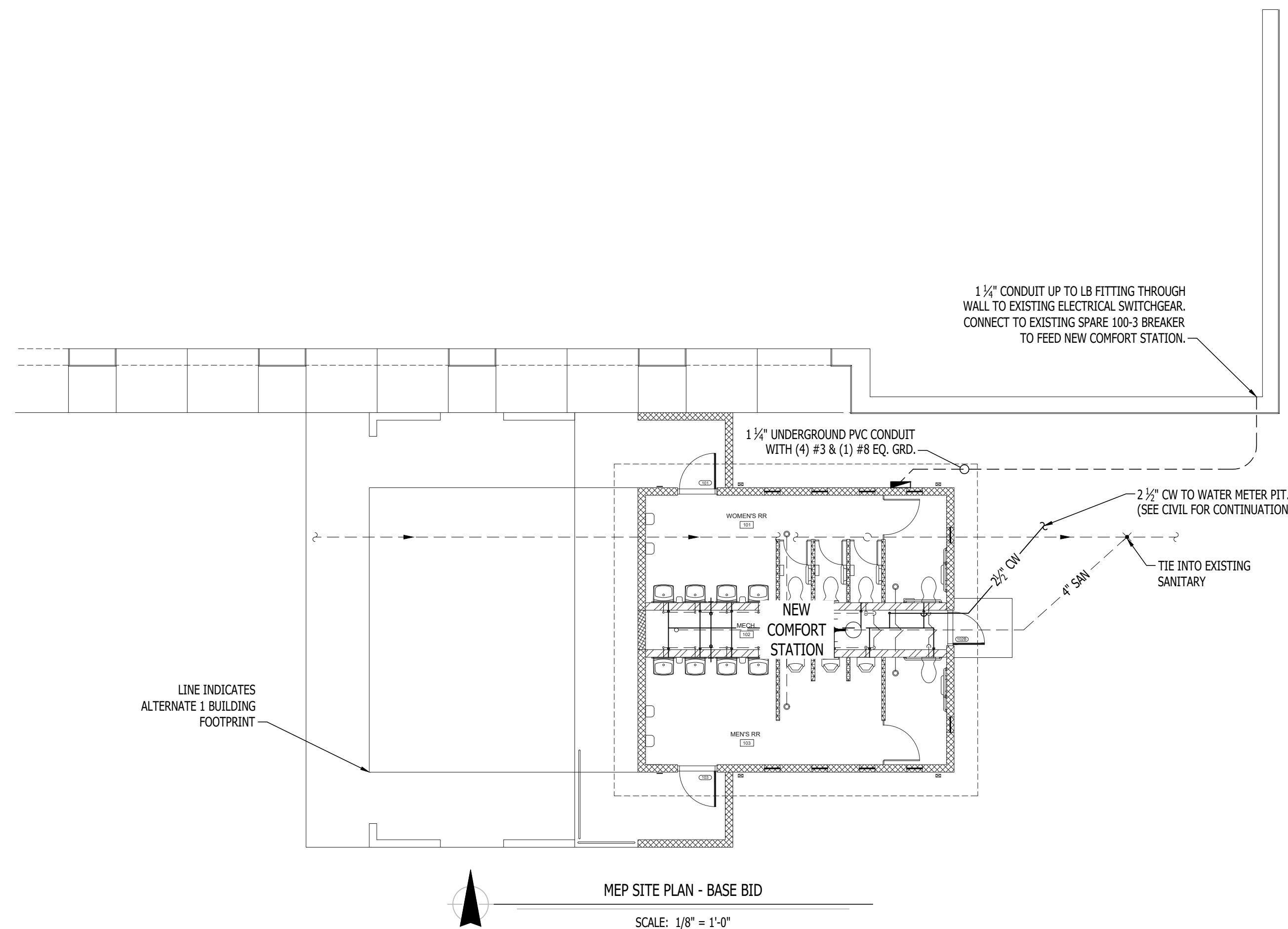
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MEP SITE
UTILITIES PLAN

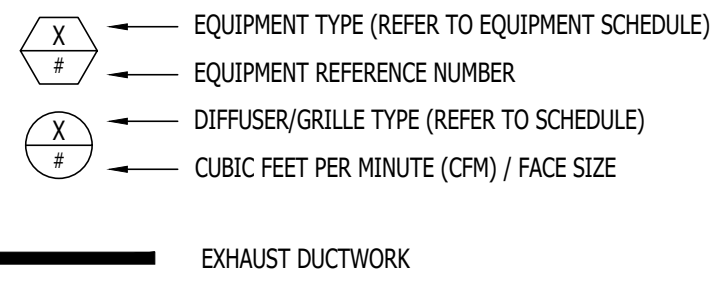
SHEET NUMBER:

ME-101

26 OF 33 SHEETS
10/18/2024



HVAC PLAN SYMBOL LEGEND



LIST OF ALTERNATES

A. ALTERNATE 1 - SHOWER ROOMS ADDITION

1. CONSTRUCT SHOWER ROOM ADDITION ON WEST END OF BUILDING.
2. TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE ALTERNATE 1 - WATER CLOSETS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE(S) AND DRAIN(S).
 - c. OWNER TO PROVIDE AND INSTALL ALL ALTERNATE 1 - TOILET ACCESSORIES.

B. ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES:

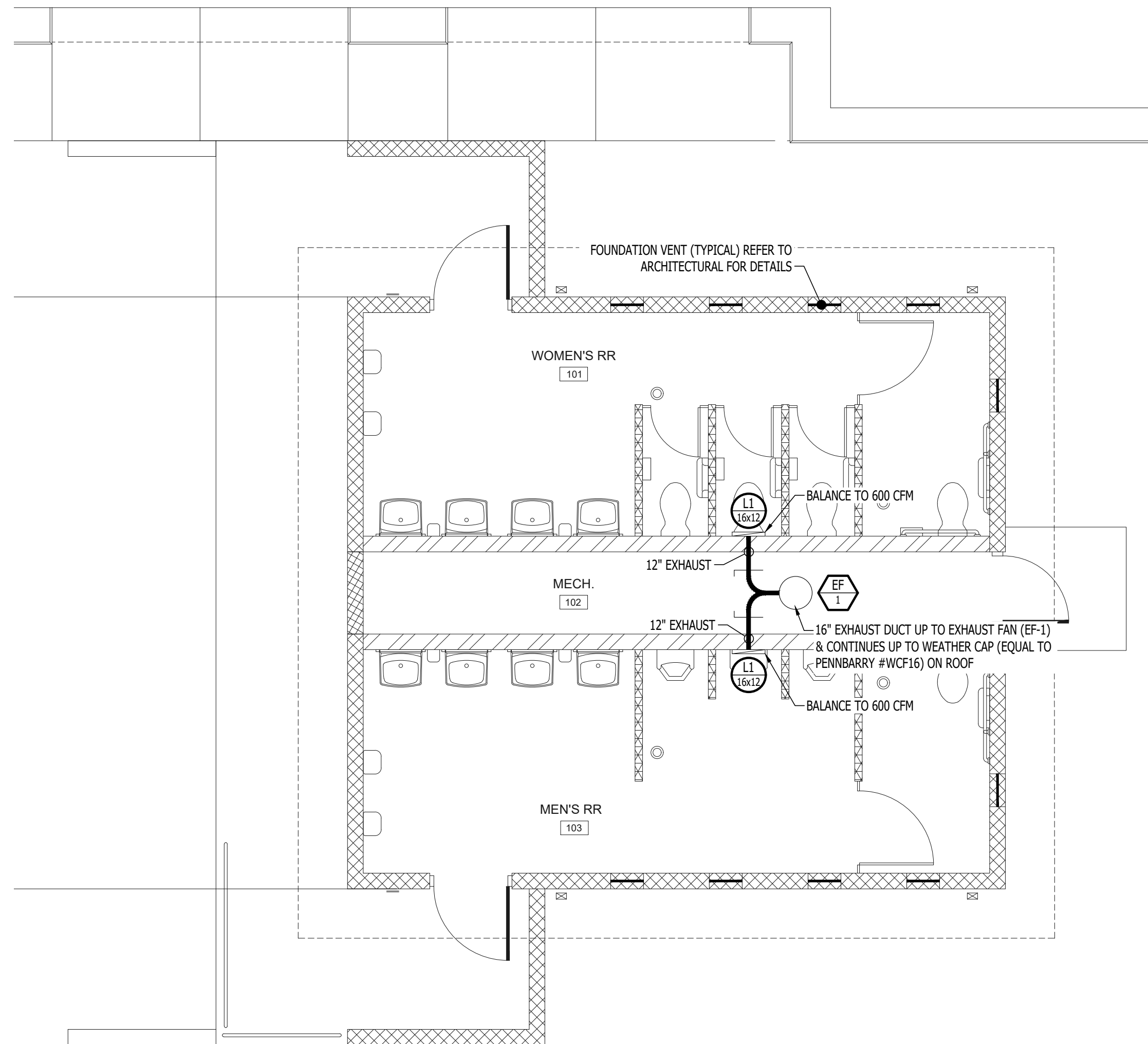
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL PLUMBING FIXTURES TO INCLUDE WATER CLOSETS AND FLUSH VALVES, URINALS AND FLUSH VALVES, SHOWER VALVES, SHOWER HEADS, LAVATORIES, AND FAUCETS.
 - b. PROVIDE AND INSTALL TOILET ACCESSORIES AS NOTED IN THE "RESTROOM ACCESSORY SCHEDULE" INCLUDED ON SHEETS A-101 AND A-301.
2. **BASE BID:** TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE WATER CLOSETS, URINALS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE AND DRAIN.
 - c. OWNER TO PROVIDE AND INSTALL ALL TOILET ACCESSORIES.

C. ALTERNATE 3 - WATER HEATER, EXTERIOR LIGHTING, INTERIOR LIGHTING, TOILET PARTITIONS, EPOXY COATING:

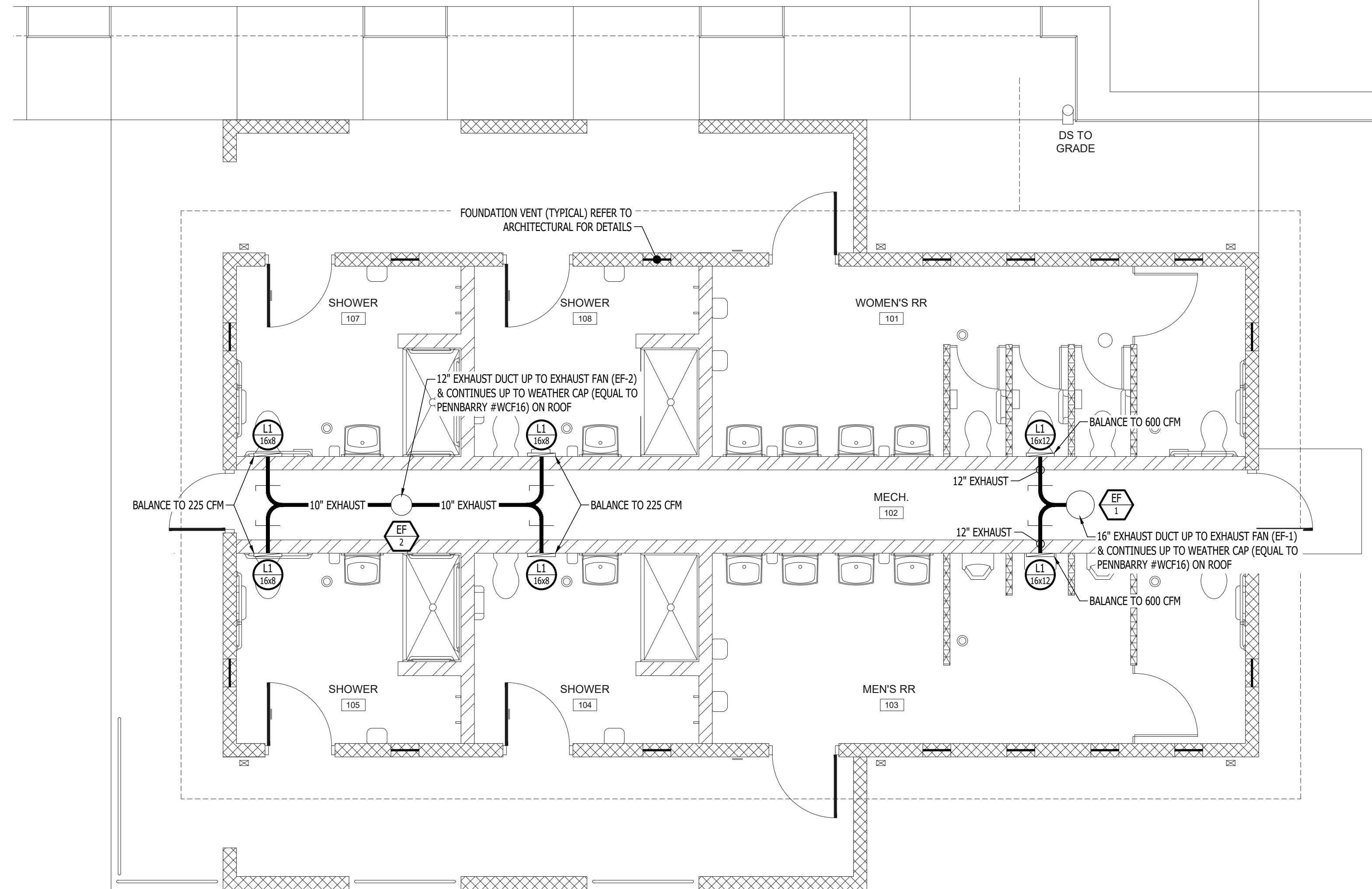
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL WATER HEATER WITH WALL KIT AS SHOWN AND NOTED ON SHEET P-101.
 - b. PROVIDE AND INSTALL ALL EXTERIOR AND INTERIOR LIGHT FIXTURES AS SHOWN AND NOTED ON SHEET E-101.
 - c. PROVIDE AND INSTALL HDPE TOILET COMPARTMENT DOOR/PLASTER ASSEMBLIES (INCLUDING HARDWARE), AS SHOWN ON SHEETS A-101 AND A-301.
 - d. PROVIDE AND INSTALL EPOXY WALL COATING PNT-01, AS SHOWN THE INTERIOR FINISH LEGEND ON SHEET A-601.
2. **BASE BID:**
 - a. PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-IN FOR FUTURE WATER HEATER AND WALL KIT TO BE INSTALLED BY OWNER; PROVIDE BLANK PLATE AT JUNCTION BOX; TEMPORARILY CAP PLUMBING PIPES.
 - b. PROVIDE ALL ELECTRICAL ROUGH-IN FOR FUTURE EXTERIOR AND INTERIOR LIGHT FIXTURES TO BE INSTALLED BY OWNER. PROVIDE BLANK PLATES AT JUNCTION BOXES.
 - c. DO NOT PROVIDE HDPE TOILET PARTITIONS.
 - d. CMU TO REMAIN EXPOSED; WALLS WILL BE FINISHED AND PAINTED BY OWNER.

D. ALTERNATE 4 - STANDING SEAM METAL ROOFING SYSTEM:

1. PROVIDE STANDING SEAM METAL ROOF AND ASSOCIATED FLASHING CHANGES.
2. **BASE BID:** TO INCLUDE COMPOSITION SHINGLE ROOF SYSTEM.



HVAC PLAN - BASE BID
SCALE: 1/4" = 1'-0"



HVAC PLAN - ALTERNATE 1
SCALE: 1/4" = 1'-0"

EXHAUST FAN SCHEDULE											
TAG	EQUIPMENT TYPE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	FLOW		ELECTRICAL			PHYSICAL		NOTES
				CFM	S.P.	VOLT/PH	MCA	OCF	DIM.	WEIGHT	
EF-1	IN-LINE EXHAUST FAN	SOLER & PALAU	TD-MIXVENT 355	1200	3/8"	120 / 1	3.9	15	18x17x19	68	1,2
EF-2	IN-LINE EXHAUST FAN	SOLER & PALAU	TD-MIXVENT 200	900	3/8"	120 / 1	0.8	15	12x10x10	13	1,2

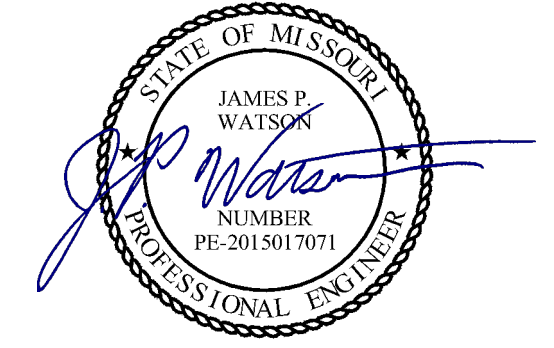
NOTES:

1. WITH BACKDRAFT DAMPER
2. WITH SPEED CONTROLLER
3. WITH SUSPENSION PLATFORM AND INLET FLEX CONNECTION

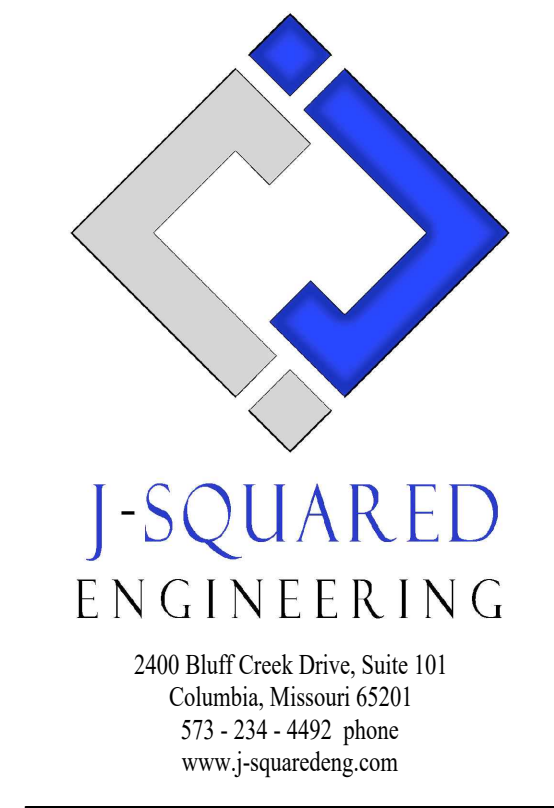
AIR DEVICE SCHEDULE						
TAG	SERVICE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	SIZE	COLOR / FINISH	NOTES
LI	EXHAUST	POTTORFF	EFJ-445	AS INDICATED	PRIMED	PAINT TO MATCH WALL

NOTES:

1. VERIFY AIR DEVICE FINISHES WITH OWNER/ARCHITECT PRIOR TO INSTALLATION



James Watson, P.E. October 18, 2024
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CAD DWG FILE: J21277
DRAWN BY: DET
CHECKED BY: JPW
DESIGNED BY: JAP

SHEET TITLE:

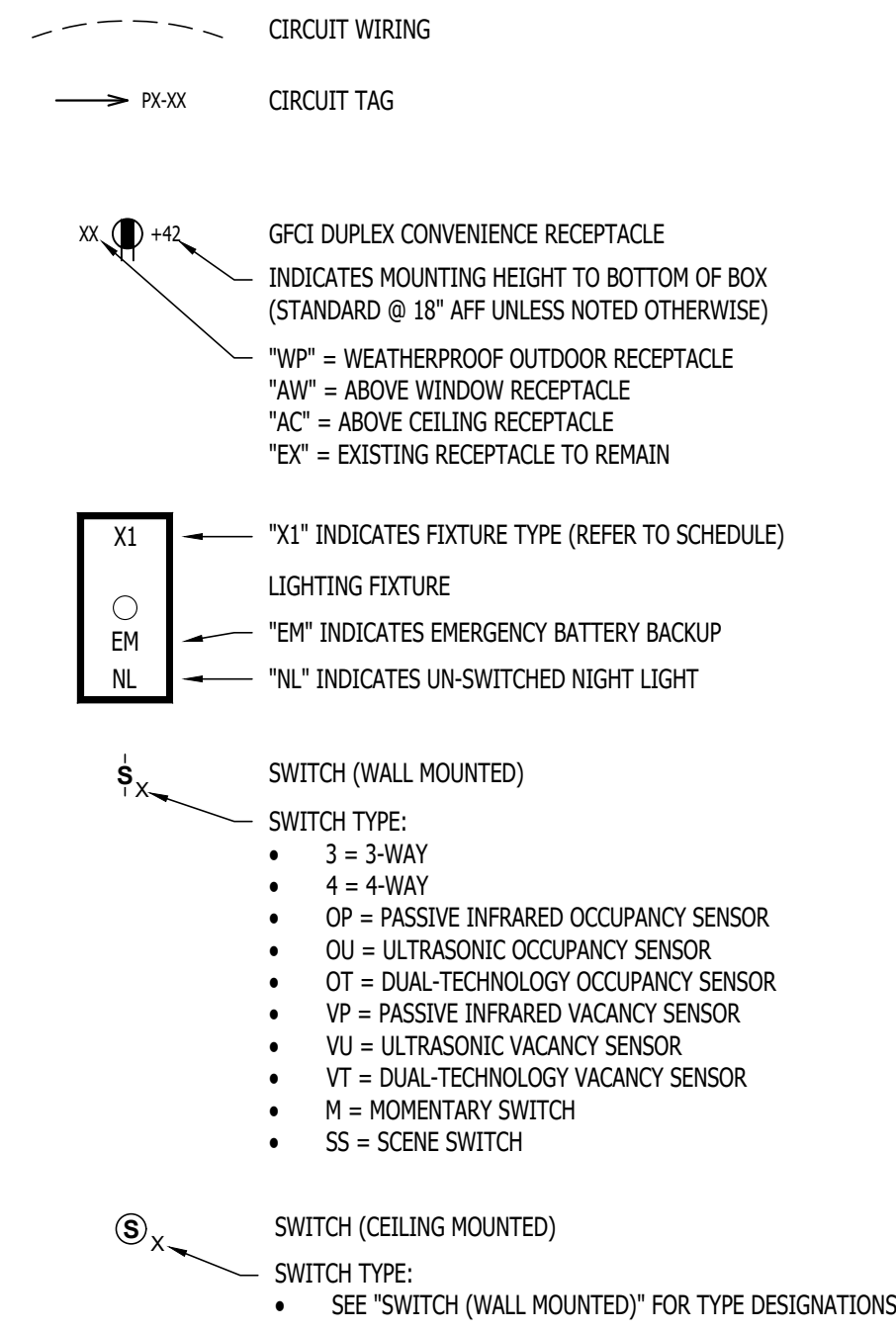
HVAC PLAN

SHEET NUMBER:

M-101

27 OF 33 SHEETS
10/18/2024

ELECTRICAL PLANS SYMBOL LEGEND



POWER PLAN KEY NOTES:

- ① WIRE EXTERIOR LIGHTS THRU PHOTOCELL MOUNTED ON BUILDING EXTERIOR RAKE BOARD. PHOTOCELL TO FACE NORTH.
- ② CONTRACTOR TO PROVIDE & INSTALL RELAY / CONTACTOR(S) TO ISOLATE LIGHTING CIRCUIT FROM MEN'S RESTROOM LIGHTING FROM WOMEN'S RESTROOM LIGHTING. BOTH SHALL TURN ON EXHAUST FAN (EF-1).
- ③ CONTRACTOR TO PROVIDE & INSTALL RELAY / CONTACTOR(S) TO ISOLATE LIGHTING CIRCUITS FROM INDIVIDUAL SHOWER ROOMS SO THAT ANY OF THE (4) WILL TURN ON EXHAUST FAN (EF-2) WHEN ENERGIZED.

LIST OF ALTERNATES

A. ALTERNATE 1 - SHOWER ROOMS ADDITION

1. CONSTRUCT SHOWER ROOM ADDITION ON WEST END OF BUILDING.
2. TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE ALTERNATE 1 - WATER CLOSETS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE(S) AND DRAIN(S).
 - c. OWNER TO PROVIDE AND INSTALL ALL ALTERNATE 1 - TOILET ACCESSORIES.

B. ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES:

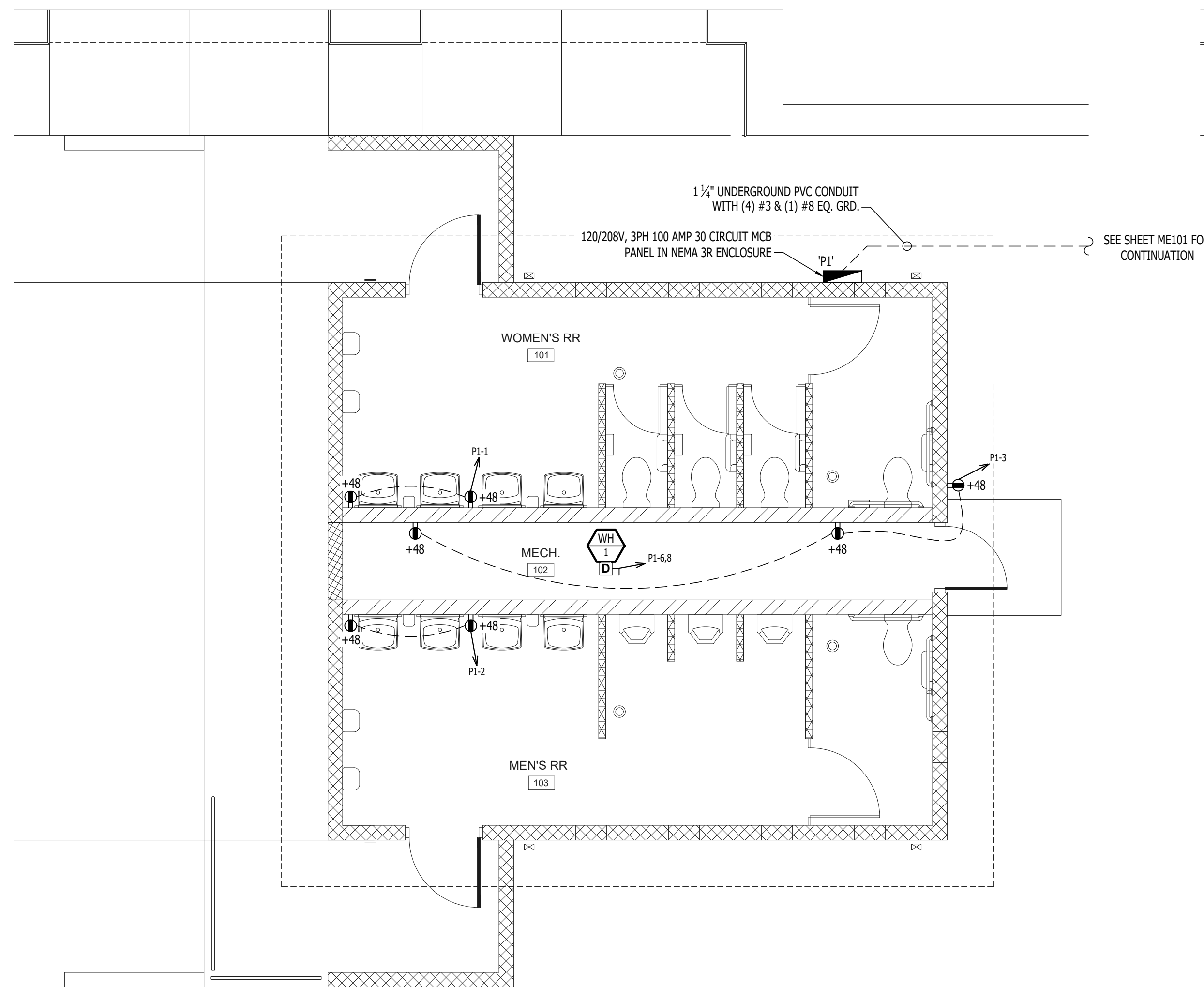
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL PLUMBING FIXTURES TO INCLUDE WATER CLOSETS AND FLUSH VALVES, URINALS AND FLUSH VALVES, SHOWER VALVES, SHOWER HEADS, LAVATORIES, AND FAUCETS.
 - b. PROVIDE AND INSTALL TOILET ACCESSORIES AS NOTED IN THE "RESTROOM ACCESSORY SCHEDULE" INCLUDED ON SHEETS A-101 AND A-301.
2. **BASE BID:** TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE WATER CLOSETS, URINALS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE AND DRAIN.
 - c. OWNER TO PROVIDE AND INSTALL ALL TOILET ACCESSORIES.

C. ALTERNATE 3 - WATER HEATER, EXTERIOR LIGHTING, INTERIOR LIGHTING, TOILET PARTITIONS, EPOXY COATING:

1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL WATER HEATER WITH WALL KIT AS SHOWN AND NOTED ON SHEET P-101.
 - b. PROVIDE AND INSTALL ALL EXTERIOR AND INTERIOR LIGHT FIXTURES AS SHOWN AND NOTED ON SHEET E-101.
 - c. PROVIDE AND INSTALL HDPE TOILET COMPARTMENT DOOR/PILASTER ASSEMBLIES (INCLUDING HARDWARE), AS SHOWN ON SHEETS A-101 AND A-301.
 - d. PROVIDE AND INSTALL EPOXY WALL COATING PWT-01, AS SHOWN THE INTERIOR FINISH LEGEND ON SHEET A-601.
2. **BASE BID:**
 - a. PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-IN FOR FUTURE WATER HEATER AND WALL KIT TO BE INSTALLED BY OWNER; PROVIDE BLANK PLATE AT JUNCTION BOX; TEMPORARILY CAP PLUMBING PIPES.
 - b. PROVIDE ALL ELECTRICAL ROUGH-IN FOR FUTURE EXTERIOR AND INTERIOR LIGHT FIXTURES TO BE INSTALLED BY OWNER. PROVIDE BLANK PLATES AT JUNCTION BOXES.
 - c. DO NOT PROVIDE HDPE TOILET PARTITIONS.
 - d. CMU TO REMAIN EXPOSED; WALLS WILL BE FINISHED AND PAINTED BY OWNER.

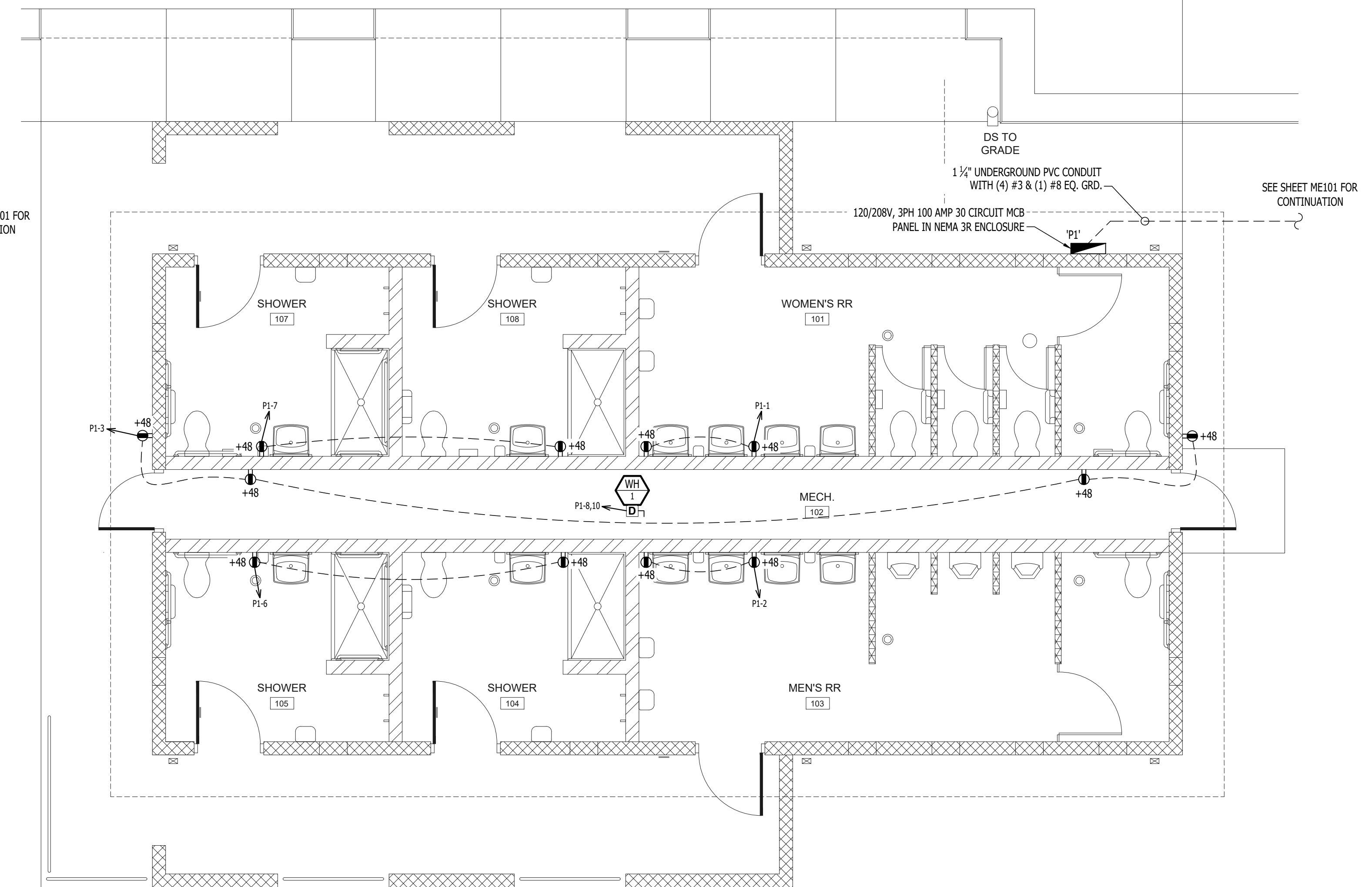
D. ALTERNATE 4 - STANDING SEAM METAL ROOFING SYSTEM:

1. PROVIDE STANDING SEAM METAL ROOF AND ASSOCIATED FLASHING CHANGES.
2. **BASE BID:** TO INCLUDE COMPOSITION SHINGLE ROOF SYSTEM.



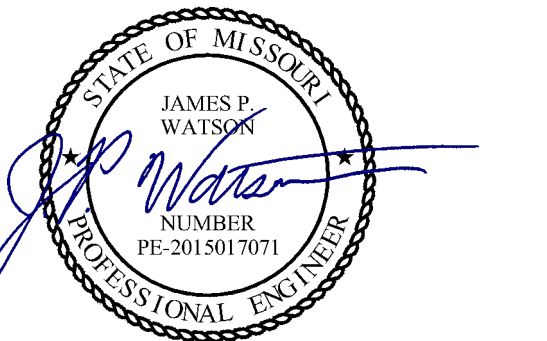
POWER PLAN - BASE BID

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

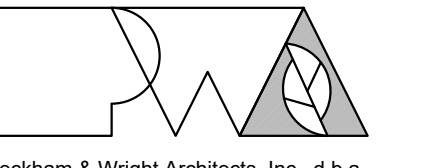


POWER PLAN - ALTERNATE 1

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

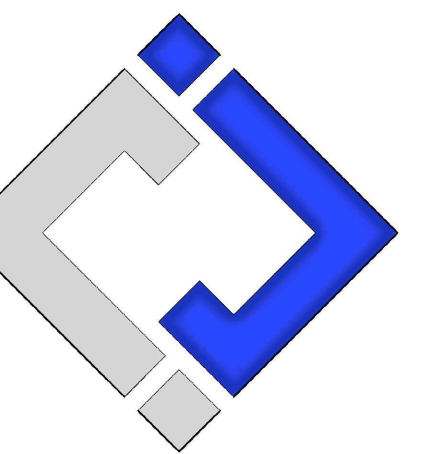


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SHEET TITLE:

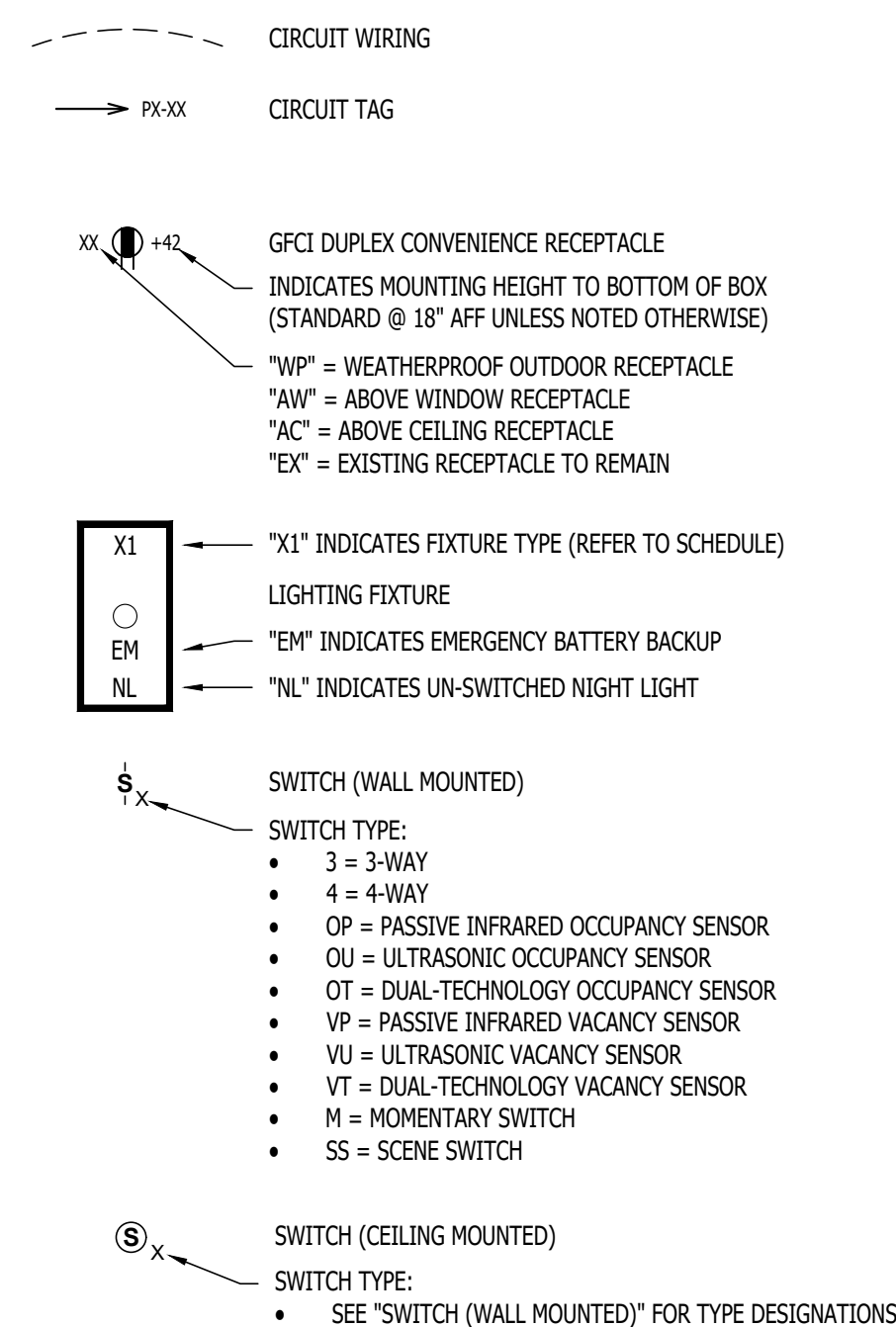
POWER PLAN

SHEET NUMBER:

E-101

28 OF 33 SHEETS
 10/18/2024

ELECTRICAL PLANS SYMBOL LEGEND



LIGHTING PLAN KEY NOTES:

- WIRE EXTERIOR LIGHTS THRU PHOTOCELL MOUNTED ON BUILDING EXTERIOR RAKE BOARD. PHOTOCELL TO FACE NORTH.
- CONTRACTOR TO PROVIDE & INSTALL RELAY / CONTACTOR(S) TO ISOLATE LIGHTING CIRCUIT FROM MEN'S RESTROOM LIGHTING FROM WOMEN'S RESTROOM LIGHTING. BOTH SHALL TURN ON EXHAUST FAN (EF-1).
- CONTRACTOR TO PROVIDE & INSTALL RELAY / CONTACTOR(S) TO ISOLATE LIGHTING CIRCUITS FROM INDIVIDUAL SHOWER ROOMS SO THAT ANY OF THE (4) WILL TURN ON EXHAUST FAN (EF-2) WHEN ENERGIZED.

LIST OF ALTERNATES

A. ALTERNATE 1 - SHOWER ROOMS ADDITION

- CONSTRUCT SHOWER ROOM ADDITION ON WEST END OF BUILDING.
- TO INCLUDE:
 - ROUGH-IN AND WALL-HUNG BRACKETS FOR THE ALTERNATE 1 - WATER CLOSETS, SHOWERS, AND LAVATORIES.
 - SHOWER ENCLOSURE(S) AND DRAIN(S).
 - OWNER TO PROVIDE AND INSTALL ALL ALTERNATE 1 - TOILET ACCESSORIES.

B. ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES:

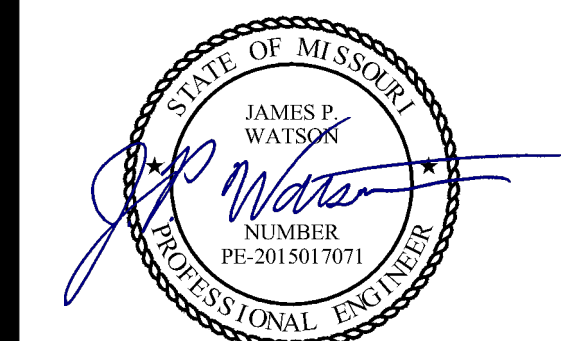
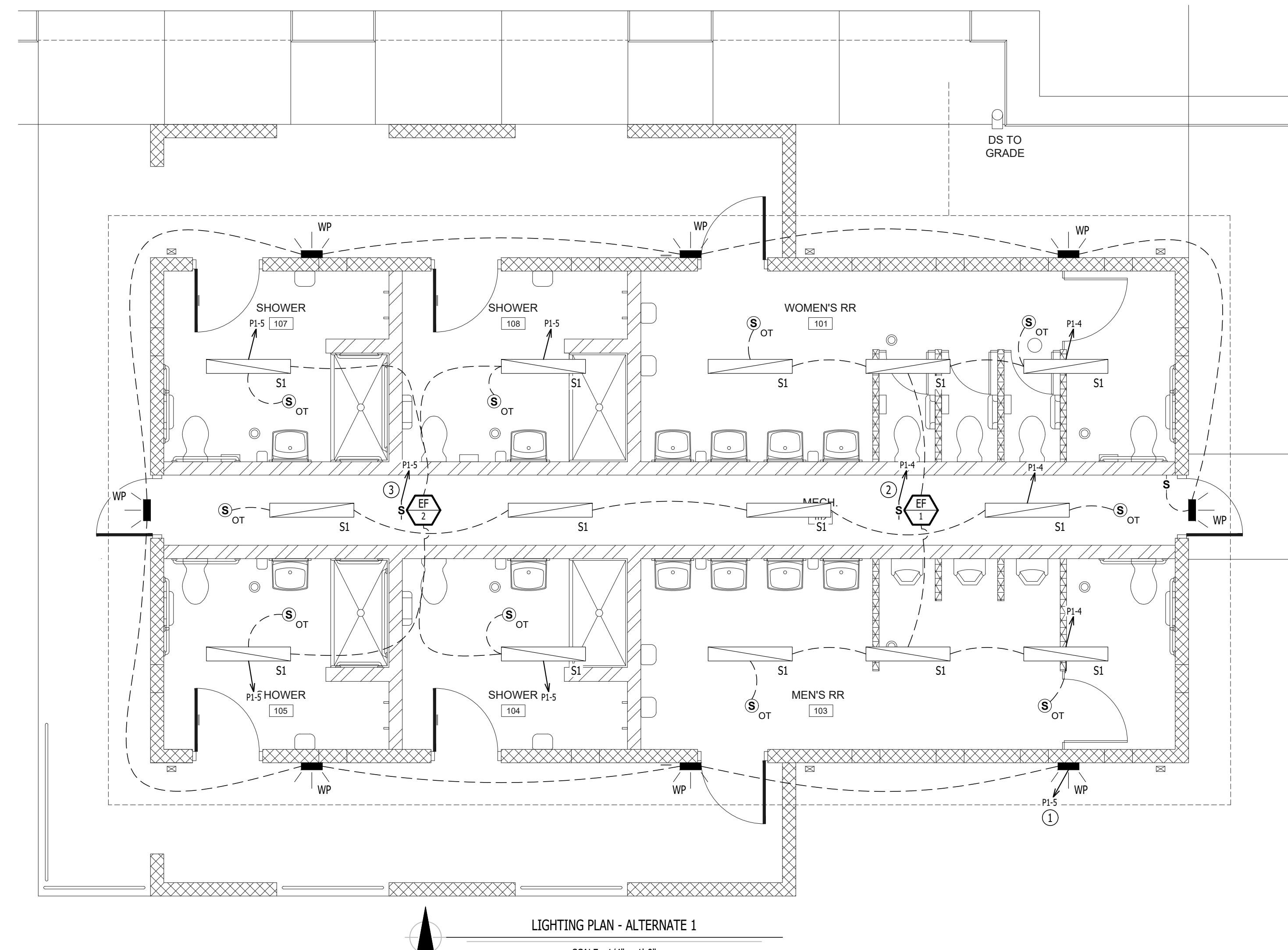
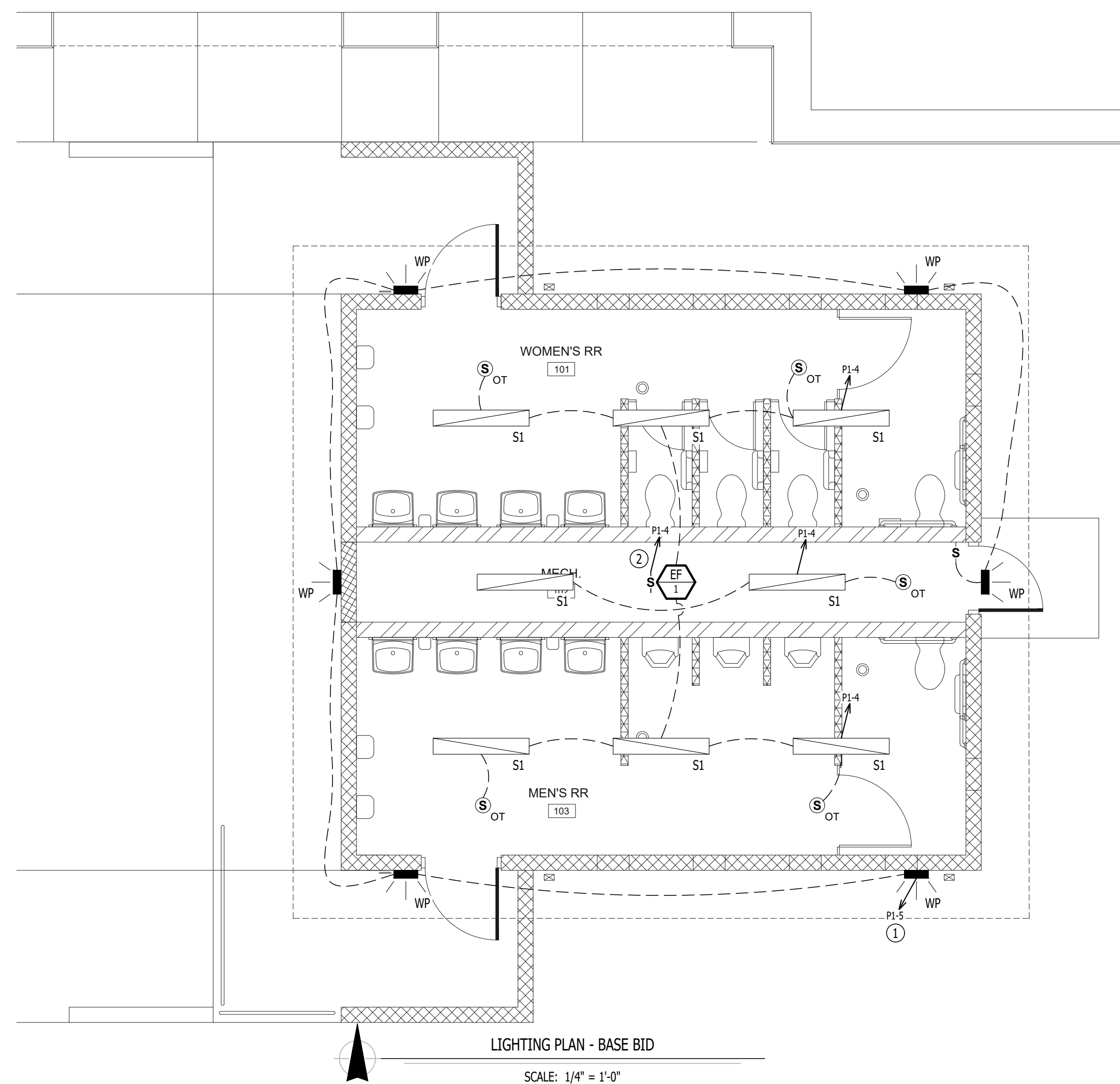
- CONTRACTOR TO:
 - PROVIDE AND INSTALL PLUMBING FIXTURES TO INCLUDE WATER CLOSETS AND FLUSH VALVES, URINALS AND FLUSH VALVES, SHOWER VALVES, SHOWER HEADS, LAVATORIES, AND FAUCETS.
 - PROVIDE AND INSTALL TOILET ACCESSORIES AS NOTED IN THE "RESTROOM ACCESSORY SCHEDULE" INCLUDED ON SHEETS A-101 AND A-301.
- BASE BID:** TO INCLUDE:
 - ROUGH-IN AND WALL-HUNG BRACKETS FOR THE WATER CLOSETS, URINALS, SHOWERS, AND LAVATORIES.
 - SHOWER ENCLOSURE AND DRAIN.
 - OWNER TO PROVIDE AND INSTALL ALL TOILET ACCESSORIES.

C. ALTERNATE 3 - WATER HEATER, EXTERIOR LIGHTING, INTERIOR LIGHTING, TOILET PARTITIONS, EPOXY COATING:

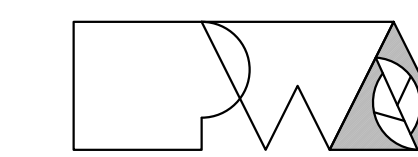
- CONTRACTOR TO:
 - PROVIDE AND INSTALL WATER HEATER WITH WALL KIT AS SHOWN AND NOTED ON SHEET P-101.
 - PROVIDE AND INSTALL ALL EXTERIOR AND INTERIOR LIGHT FIXTURES AS SHOWN AND NOTED ON SHEET E-101.
 - PROVIDE AND INSTALL HDPE TOILET COMPARTMENT DOOR/PILASTER ASSEMBLIES (INCLUDING HARDWARE), AS SHOWN ON SHEETS A-101 AND A-301.
 - PROVIDE AND INSTALL EPOXY WALL COATING PWT-01, AS SHOWN THE INTERIOR FINISH LEGEND ON SHEET A-601.
- BASE BID:**
 - PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-IN FOR FUTURE WATER HEATER AND WALL KIT TO BE INSTALLED BY OWNER; PROVIDE BLANK PLATE AT JUNCTION BOX; TEMPORARILY CAP PLUMBING PIPES.
 - PROVIDE ALL ELECTRICAL ROUGH-IN FOR FUTURE EXTERIOR AND INTERIOR LIGHT FIXTURES TO BE INSTALLED BY OWNER. PROVIDE BLANK PLATES AT JUNCTION BOXES.
 - DO NOT PROVIDE HDPE TOILET PARTITIONS.
 - CMU TO REMAIN EXPOSED; WALLS WILL BE FINISHED AND PAINTED BY OWNER.

D. ALTERNATE 4 - STANDING SEAM METAL ROOFING SYSTEM:

- PROVIDE STANDING SEAM METAL ROOF AND ASSOCIATED FLASHING CHANGES.
- BASE BID:** TO INCLUDE COMPOSITION SHINGLE ROOF SYSTEM.

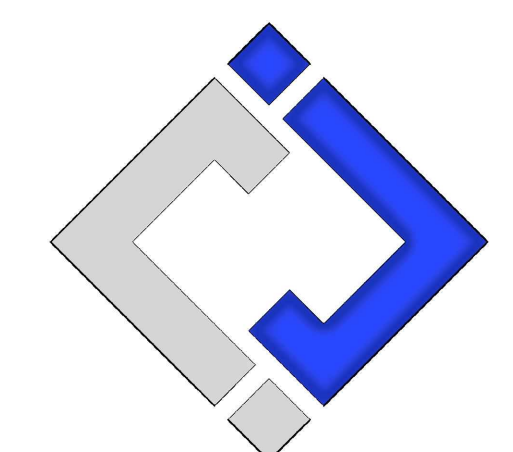


James Watson, P.E. October 18, 2024
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DEPARTMENT OF
 AGRICULTURE MISSOURI
 STATE FAIRGROUNDS

NEW COMFORT STATION
 AT SWINE PAVILION

MISSOURI STATE
 FAIRGROUNDS (MSF)
 2503 W. 16th STREET
 SEDALIA, MO 65301

PROJECT # F2206-01
 SITE # 1501
 ASSET # 3511501037

REVISION: DSI-03
 DATE: 03/04/2024
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 10/18/2024

CAD DWG FILE: J21277
 DRAWN BY: DET
 CHECKED BY: JPW
 DESIGNED BY: JAP

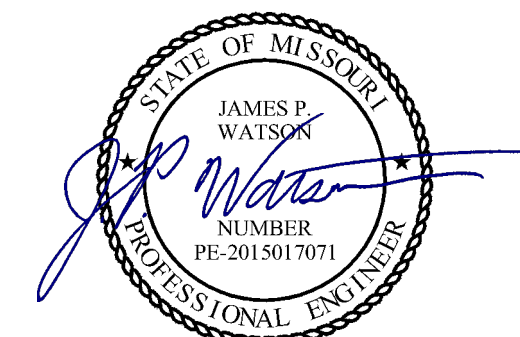
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LIGHTING PLAN

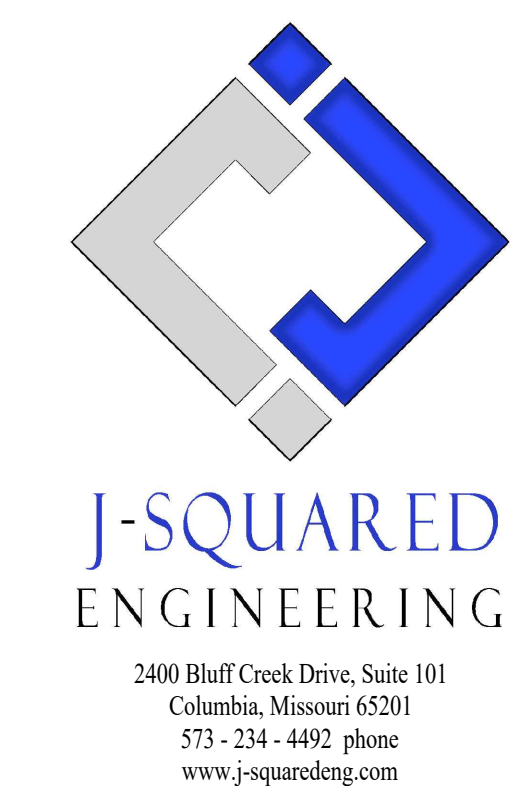
SHEET NUMBER:

E-102

29 OF 33 SHEETS
 10/18/2024



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CHECKED BY: JPW
DESIGNED BY: JAP

SHEET TITLE:

ELECTRICAL
DETAILS &
SCHEDULES

SHEET NUMBER:

E-501

30 OF 33 SHEETS
10/18/2024

PANEL 'P1' SCHEDULE (BASE BID)							
PANEL SPECIFICATIONS						TOTAL CONNECTED LOAD	
VOLTAGE: 120/208V 3-PH			NEMA RATING: 3R			PHASE "A" LOAD: 27.6 AMPS	
AMPACITY: 100A MCB			PANEL MOUNTING: SURFACE			PHASE "B" LOAD: 11.5 AMPS	
AIC-RATING: 22kA						PHASE "C" LOAD: 22.5 AMPS	
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	CIRCUIT NUMBER
1	WOMEN'S RECEP.TS.	20-1	3	A	3	20-1	2
3	MECH & EXTERIOR RECEP.TS.	20-1	4.5	B	7	20-1	4
5	EXTERIOR LIGHTING	20-1	0.9	C	21.6	30-2	6
7	SPARE	20-1		A	21.6	-	8
9	SPARE	20-1		B		20-1	10
11	SPARE	20-1		C		20-1	12
13	SPARE	20-1		A		20-1	14
15	SPARE	20-1		B		20-1	16
17	SPARE	20-1		C		20-1	18
19	OPEN			A			20
21	OPEN			B			22
23	OPEN			C			24
25	OPEN			A			26
27	OPEN			B			28
29	OPEN			C			30

NOTES:
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "QO"
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

PANEL 'P1' SCHEDULE (ALTERNATE 1)							
PANEL SPECIFICATIONS						TOTAL CONNECTED LOAD	
VOLTAGE: 120/208V 3-PH			NEMA RATING: 3R			PHASE "A" LOAD: 30.6 AMPS	
AMPACITY: 100A MCB			PANEL MOUNTING: SURFACE			PHASE "B" LOAD: 34.6 AMPS	
AIC-RATING: 22kA						PHASE "C" LOAD: 6.1 AMPS	
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	CIRCUIT NUMBER
1	WOMEN'S RECEP.TS.	20-1	3	A	3	20-1	2
3	MECH & EXTERIOR RECEP.TS.	20-1	6	B	7	20-1	4
5	SHOWER & EXTERIOR LIGHTING & EF-2	20-1	3.1	C	3	20-1	6
7	SHOWER 107 & 108 RECEP.TS.	20-1	3	A	21.6	30-2	8
9	SPARE	20-1		B	21.6	-	10
11	SPARE	20-1		C		20-1	12
13	SPARE	20-1		A		20-1	14
15	SPARE	20-1		B		20-1	16
17	SPARE	20-1		C		20-1	18
19	OPEN			A			20
21	OPEN			B			22
23	OPEN			C			24
25	OPEN			A			26
27	OPEN			B			28
29	OPEN			C			30

NOTES:
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "QO"
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

LIGHT FIXTURE SCHEDULE											
TAG	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	DESCRIPTION	MOUNTING	LUMEN OUTPUT	CCT (°K)	CRI	VOLTAGE	WATTS	DIMMING	NOTES
S1	FAIL-SAFE	HVSL8-4-LD4-2STD-40-UNV-C-EDC1	VANDAL RESISTANT STRIP	SURFACE	3,495	4000	80	UNV	34	-	
WP	LUMARK	XTOR2B-W	FULL CUT-OFF WALL PACK	SURFACE	1,400	4000	70	UNV	18	0-10V	

NOTES:
1. VERIFY LIGHT FIXTURE FINISHES WITH OWNER / ARCHITECT PRIOR TO INSTALLATION.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES THROUGHOUT. COORDINATE EXACT MOUNTING DETAILS WITH GENERAL CONTRACTOR.

PLUMBING PLANS SYMBOL LEGEND

- SANITARY SEWER PIPING
- VENT PIPING
- COLD WATER PIPING
- HOT WATER PIPING
- > PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

PLUMBING PLANS GENERAL NOTES:

1. PLUMBING SYSTEM TO BE INSTALLED FOR WINTERIZATION. CONTRACTOR SHALL INSTALL LOW POINT DRAINS ON BOTH COLD & HOT WATER PIPING.
2. DOMESTIC WATER LINES SHALL BE HELD TIGHT TO WALLS & AT 8'-0" A.F.F. TO ALLOW ACCESS IN CHASE.

SANITARY SEWER PLAN KEY NOTES:

- ① 2" SANITARY DOWN TO BELOW SLAB.
- ② 3" SANITARY DOWN TO BELOW SLAB.
- ③ 4" SANITARY DOWN TO BELOW SLAB.

LIST OF ALTERNATES

A. ALTERNATE 1 - SHOWER ROOMS ADDITION

1. CONSTRUCT SHOWER ROOM ADDITION ON WEST END OF BUILDING.
2. TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE ALTERNATE 1 - WATER CLOSETS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE(S) AND DRAIN(S).
 - c. OWNER TO PROVIDE AND INSTALL ALL ALTERNATE 1 - TOILET ACCESSORIES.

B. ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES:

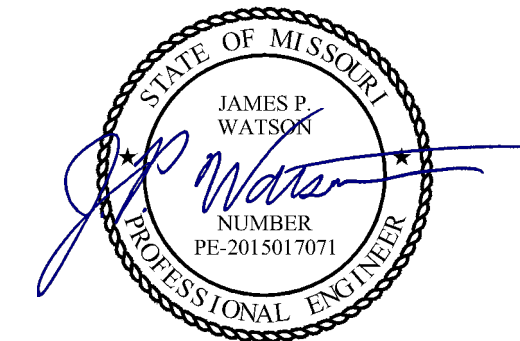
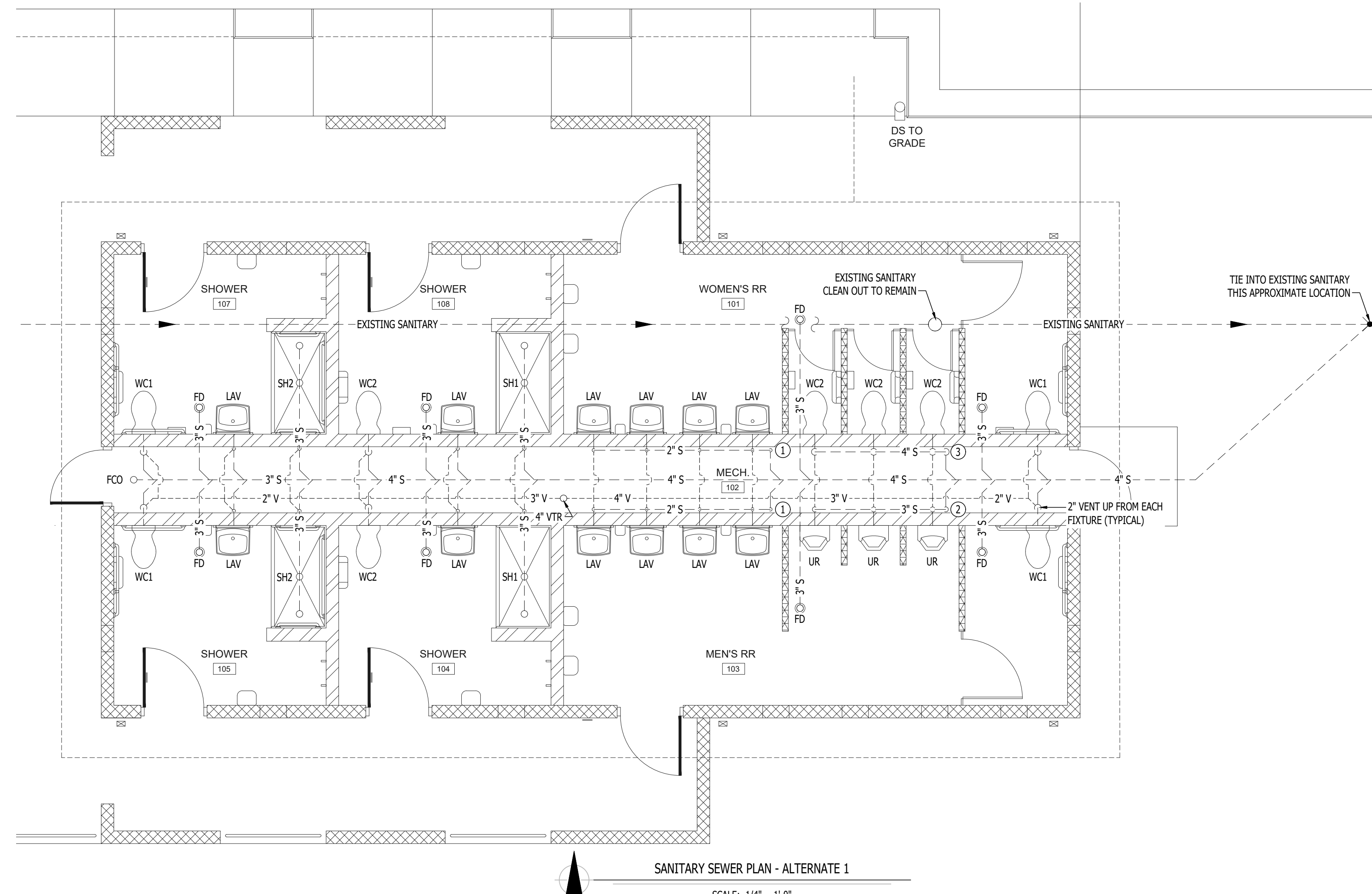
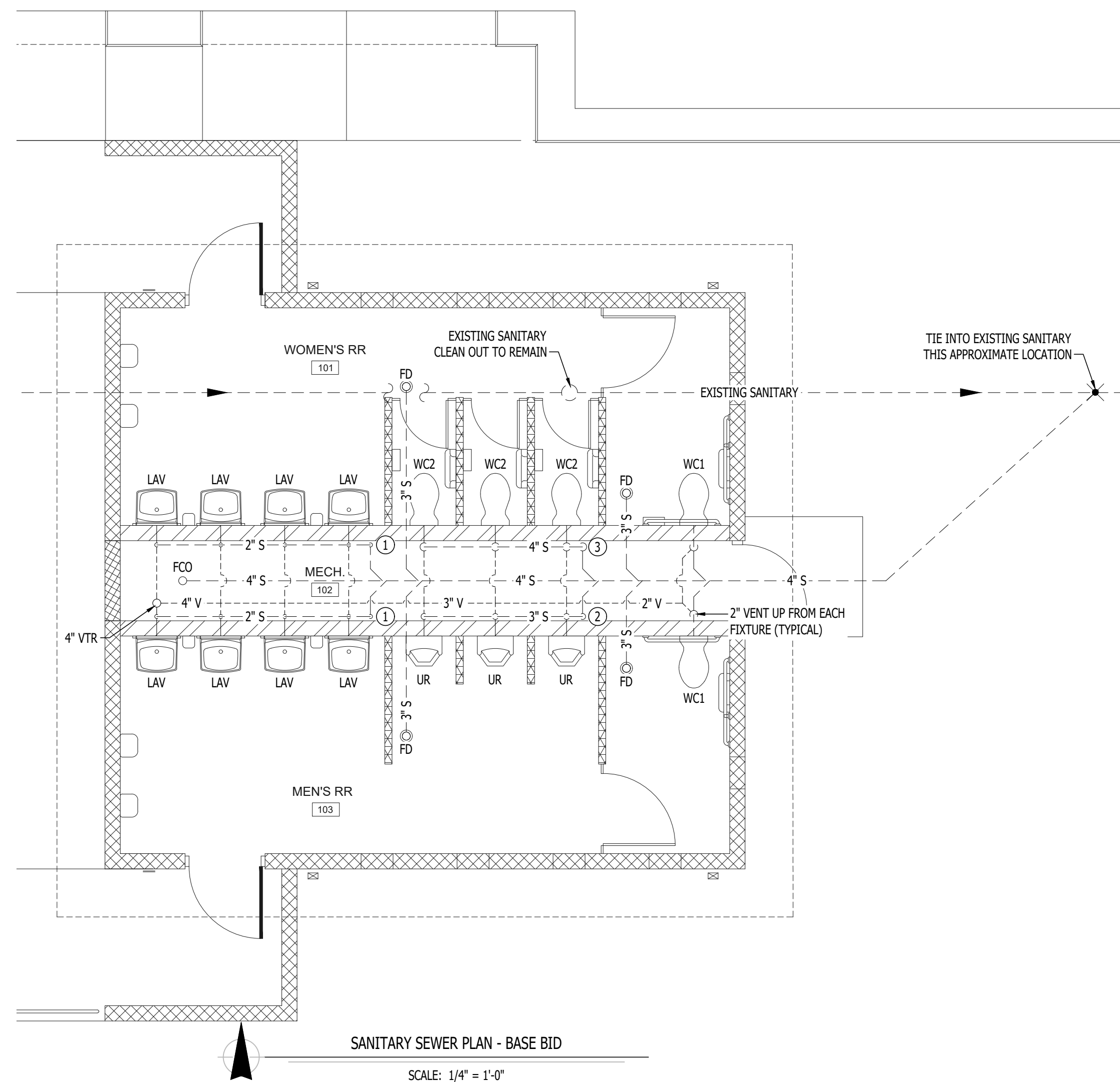
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL PLUMBING FIXTURES TO INCLUDE WATER CLOSETS AND FLUSH VALVES, URINALS AND FLUSH VALVES, SHOWER VALVES, SHOWER HEADS, LAVATORIES, AND FAUCETS.
 - b. PROVIDE AND INSTALL TOILET ACCESSORIES AS NOTED IN THE "RESTROOM ACCESSORY SCHEDULE" INCLUDED ON SHEETS A-101 AND A-301.
2. **BASE BID:** TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE WATER CLOSETS, URINALS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE AND DRAIN.
 - c. OWNER TO PROVIDE AND INSTALL ALL TOILET ACCESSORIES.

C. ALTERNATE 3 - WATER HEATER, EXTERIOR LIGHTING, INTERIOR LIGHTING, TOILET PARTITIONS, EPOXY COATING:

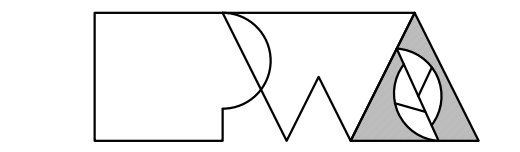
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL WATER HEATER WITH WALL KIT AS SHOWN AND NOTED ON SHEET P-101.
 - b. PROVIDE AND INSTALL ALL EXTERIOR AND INTERIOR LIGHT FIXTURES AS SHOWN AND NOTED ON SHEET E-101.
 - c. PROVIDE AND INSTALL HDPE TOILET COMPARTMENT DOOR/PILASTER ASSEMBLIES (INCLUDING HARDWARE), AS SHOWN ON SHEETS A-101 AND A-301.
 - d. PROVIDE AND INSTALL EPOXY WALL COATING PWT-01, AS SHOWN THE INTERIOR FINISH LEGEND ON SHEET A-601.
2. **BASE BID:**
 - a. PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-IN FOR FUTURE WATER HEATER AND WALL KIT TO BE INSTALLED BY OWNER; PROVIDE BLANK PLATE AT JUNCTION BOX; TEMPORARILY CAP PLUMBING PIPES.
 - b. PROVIDE ALL ELECTRICAL ROUGH-IN FOR FUTURE EXTERIOR AND INTERIOR LIGHT FIXTURES TO BE INSTALLED BY OWNER. PROVIDE BLANK PLATES AT JUNCTION BOXES.
 - c. DO NOT PROVIDE HDPE TOILET PARTITIONS.
 - d. CMU TO REMAIN EXPOSED; WALLS WILL BE FINISHED AND PAINTED BY OWNER.

D. ALTERNATE 4 - STANDING SEAM METAL ROOFING SYSTEM:

1. PROVIDE STANDING SEAM METAL ROOF AND ASSOCIATED FLASHING CHANGES.
2. **BASE BID:** TO INCLUDE COMPOSITION SHINGLE ROOF SYSTEM.

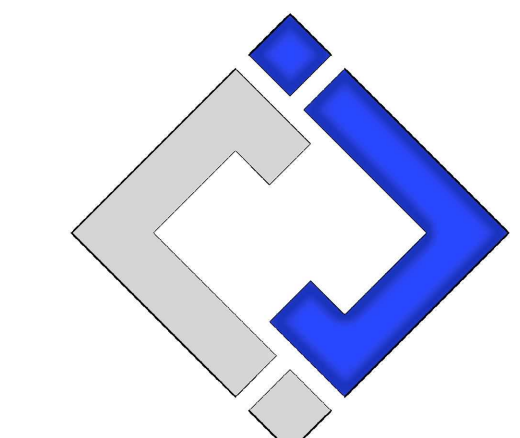


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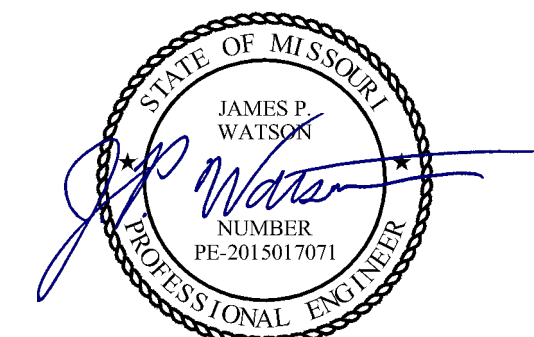
SHEET TITLE:

SANITARY
SEWER PLAN

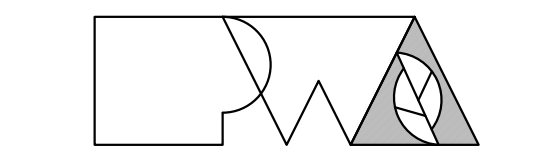
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P-101

31 OF 33 SHEETS
10/18/2024

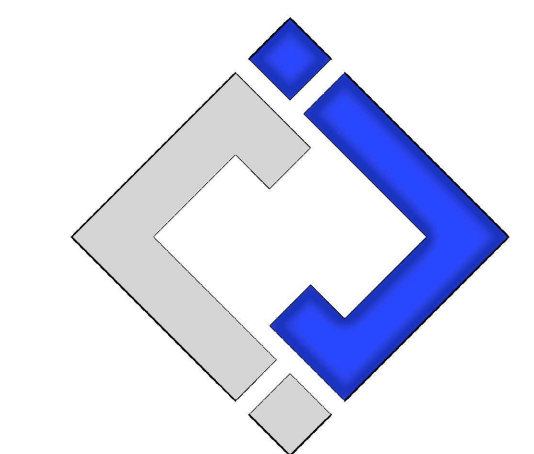


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DESIGNED BY: JAP

SHEET TITLE:

WATER PIPING
PLAN

SHEET NUMBER:

P-102

32 OF 33 SHEETS
10/18/2024

PLUMBING PLANS GENERAL NOTES:

1. PLUMBING SYSTEM TO BE INSTALLED FOR WINTERIZATION. CONTRACTOR SHALL INSTALL LOW POINT DRAINS ON BOTH COLD & HOT WATER PIPING.
2. DOMESTIC WATER LINES SHALL BE HELD TIGHT TO WALLS & AT 8'-0" A.F.F. TO ALLOW ACCESS IN CHASE.

WATER PIPING PLAN KEY NOTES:

- ① NEW 2½" CW UP THRU FLOOR TO FULL PORT SHUT-OFF VALVE THEN UP TO 8'-0" A.F.F. TO PLUMBING FIXTURES AS SHOWN.

LIST OF ALTERNATES

A. ALTERNATE 1 - SHOWER ROOMS ADDITION

1. CONSTRUCT SHOWER ROOM ADDITION ON WEST END OF BUILDING.
2. TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE ALTERNATE 1 - WATER CLOSETS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE(S) AND DRAIN(S).
 - c. OWNER TO PROVIDE AND INSTALL ALL ALTERNATE 1 - TOILET ACCESSORIES.

B. ALTERNATE 2 - CONTRACTOR-INSTALLED PLUMBING FIXTURES AND TOILET ACCESSORIES:

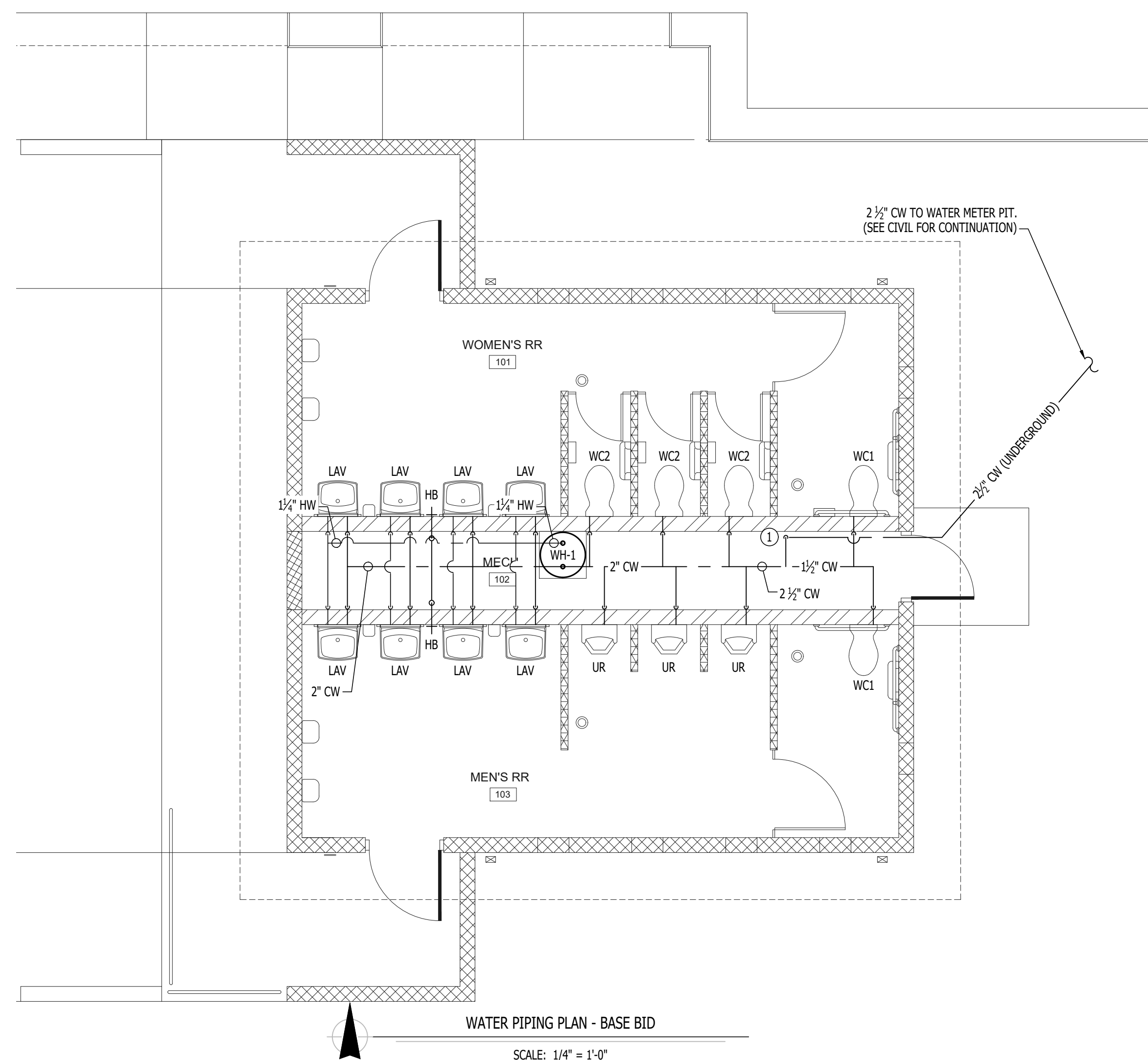
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL PLUMBING FIXTURES TO INCLUDE WATER CLOSETS AND FLUSH VALVES, URINALS AND FLUSH VALVES, SHOWER VALVES, SHOWER HEADS, LAVATORIES, AND FAUCETS.
 - b. PROVIDE AND INSTALL TOILET ACCESSORIES AS NOTED IN THE "RESTROOM ACCESSORY SCHEDULE" INCLUDED ON SHEETS A-101 AND A-301.
2. BASE BID: TO INCLUDE:
 - a. ROUGH-IN AND WALL-HUNG BRACKETS FOR THE WATER CLOSETS, URINALS, SHOWERS, AND LAVATORIES.
 - b. SHOWER ENCLOSURE AND DRAIN.
 - c. OWNER TO PROVIDE AND INSTALL ALL TOILET ACCESSORIES.

C. ALTERNATE 3 - WATER HEATER, EXTERIOR LIGHTING, INTERIOR LIGHTING, TOILET PARTITIONS, EPOXY COATING:

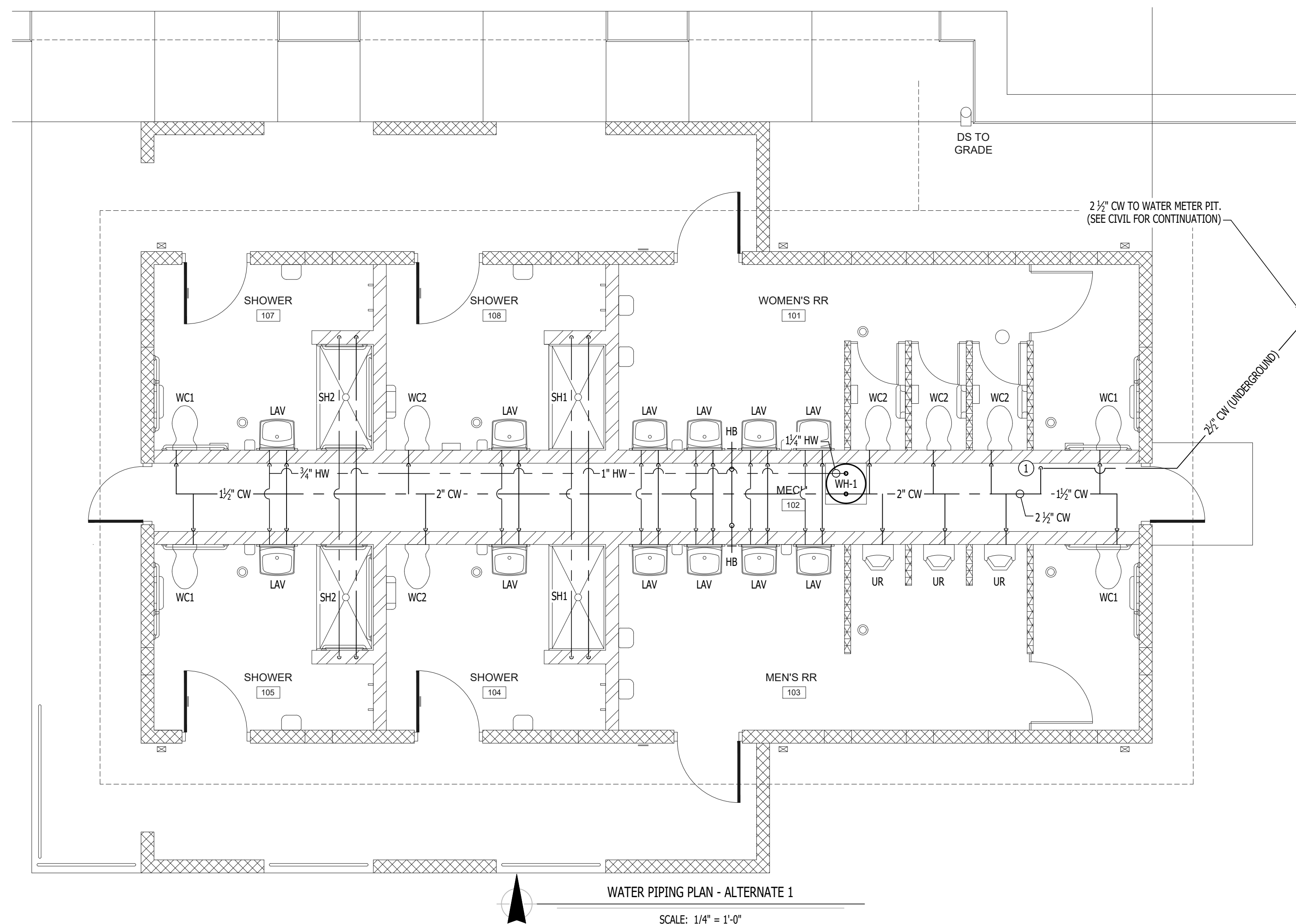
1. CONTRACTOR TO:
 - a. PROVIDE AND INSTALL WATER HEATER WITH WALL KIT AS SHOWN AND NOTED ON SHEET P-101.
 - b. PROVIDE AND INSTALL ALL EXTERIOR AND INTERIOR LIGHT FIXTURES AS SHOWN AND NOTED ON SHEET E-101.
 - c. PROVIDE AND INSTALL HDPE TOILET COMPARTMENT DOOR/PILASTER ASSEMBLIES (INCLUDING HARDWARE), AS SHOWN ON SHEETS A-101 AND A-301.
 - d. PROVIDE AND INSTALL EPOXY WALL COATING PNT-01, AS SHOWN THE INTERIOR FINISH LEGEND ON SHEET A-601.
2. BASE BID:
 - a. PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-IN FOR FUTURE WATER HEATER AND WALL KIT TO BE INSTALLED BY OWNER; PROVIDE BLANK PLATE AT JUNCTION BOX; TEMPORARILY CAP PLUMBING PIPES.
 - b. PROVIDE ALL ELECTRICAL ROUGH-IN FOR FUTURE EXTERIOR AND INTERIOR LIGHT FIXTURES TO BE INSTALLED BY OWNER. PROVIDE BLANK PLATES AT JUNCTION BOXES.
 - c. DO NOT PROVIDE HDPE TOILET PARTITIONS.
 - d. CMU TO REMAIN EXPOSED; WALLS WILL BE FINISHED AND PAINTED BY OWNER.

D. ALTERNATE 4 - STANDING SEAM METAL ROOFING SYSTEM:

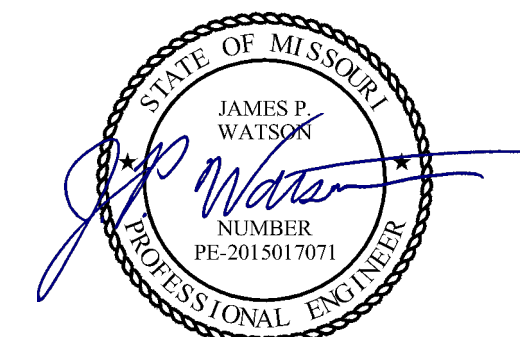
1. PROVIDE STANDING SEAM METAL ROOF AND ASSOCIATED FLASHING CHANGES.
2. BASE BID: TO INCLUDE COMPOSITION SHINGLE ROOF SYSTEM.



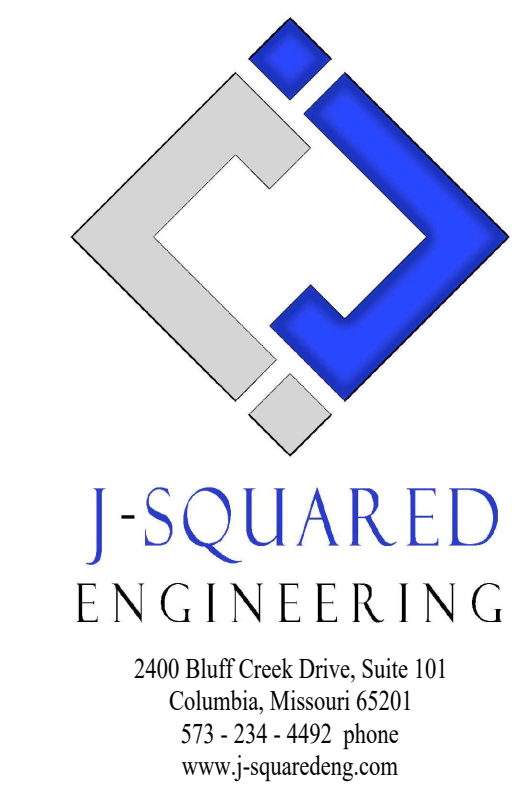
WATER PIPING PLAN - BASE BID
SCALE: 1/4" = 1'-0"



WATER PIPING PLAN - ALTERNATE 1
SCALE: 1/4" = 1'-0"



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DESIGNED BY: JAP

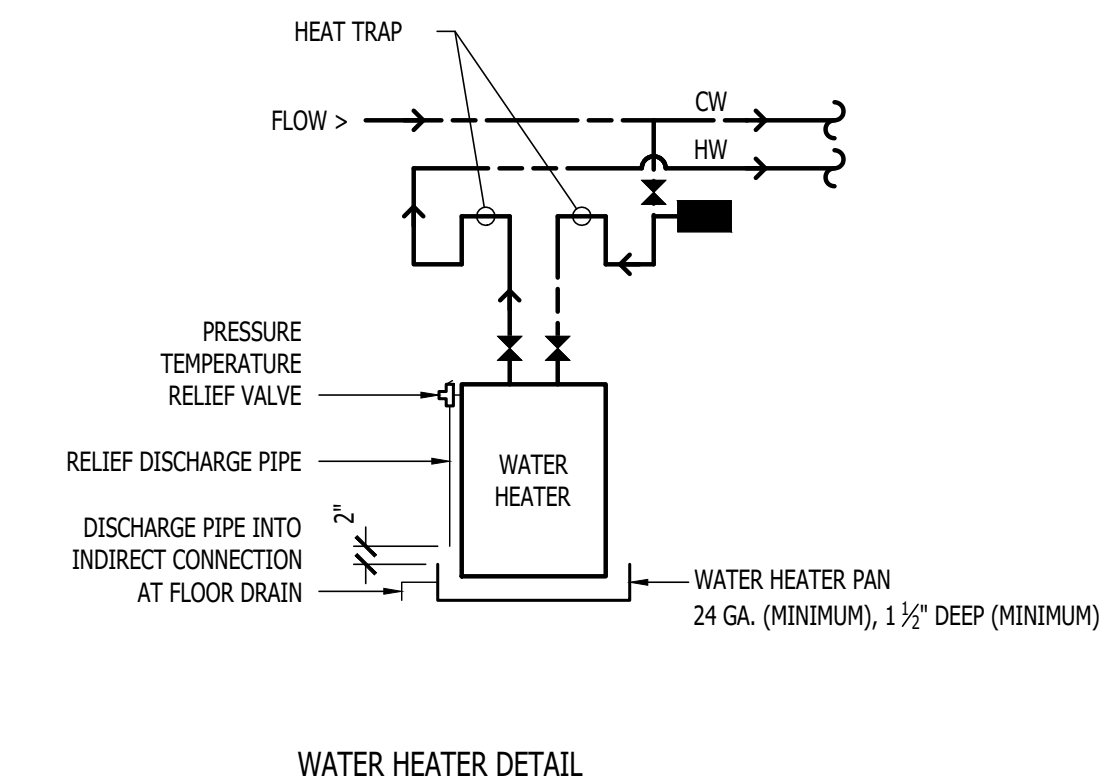
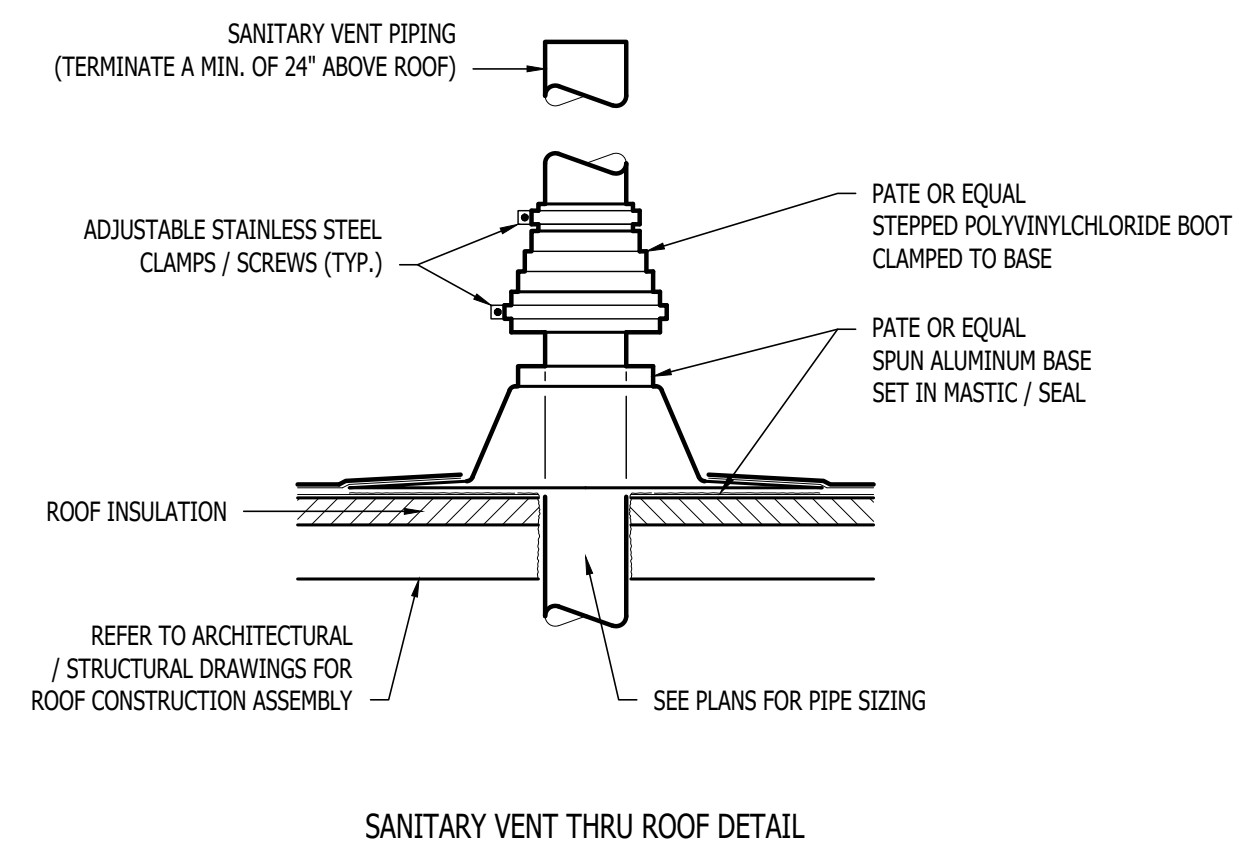
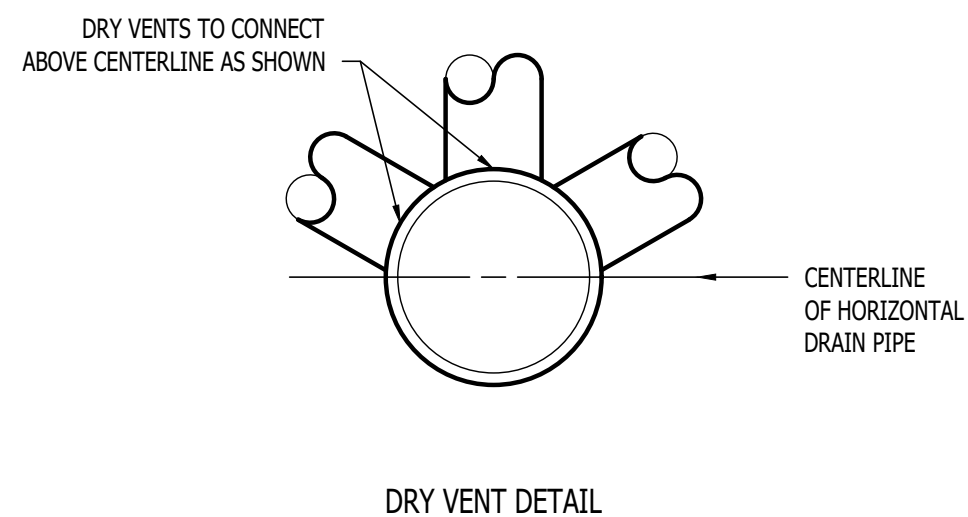
SHEET TITLE:

PLUMBING
DETAILS &
SCHEDULES

SHEET NUMBER:

P-501

33 OF 33 SHEETS
10/18/2024



PLUMBING CONNECTION SIZING SCHEDULE					
FIXTURE TYPE	TYPICAL ABBREVIATION	SANITARY PIPING		SUPPLY PIPING	
		WASTE CONNECTION	VENT CONNECTION	COLD WATER CONNECTION	HOT WATER CONNECTION
DRINKING FOUNTAIN	DF	1-1/2"	1-1/4"	1/2"	-
FLOOR DRAIN	FD	3"	2"	-	-
HAND / HAIR SINK	HS / SK	2"	1-1/4"	1/2"	1/2"
HOSE BIBB	HB	-	-	3/4"	-
LAVATORY	LAV	1-1/2"	1-1/4"	1/2"	1/2"
MOP SINK	MS	3"	1-1/2"	1/2"	1/2"
ICE MAKER OUTLET BOX	REF	-	-	1/2"	-
SHOWER	SH	3"	1-1/2"	1/2"	1/2"
URINAL	UR	2"	1-1/4"	3/4"	-
WATER CLOSET (FLUSH TANK)	WC	3"	2"	1/2"	-
WATER CLOSET (FLUSH VALVE)	WC	3"	2"	1"	-

NOTES:
1. SIZES SHOWN ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS

PLUMBING FIXTURE SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	NOTES
FCO	FLOOR CLEAN OUT	ZURN	Z1400	
FD	FLOOR DRAIN	ZURN	Z415-BZ	WITH ZURN #Z1072 TRAP SEAL
LAV	LAVATORY (WALL HUNG w/ MANUAL FAUCET)	AMERICAN STANDARD	0355.012	WITH ZURN #Z81104-XL FAUCET, 1/4 TURN STOPS, BRAIDED STAINLESS STEEL SUPPLIES & TRUBRO LAV GUARD 2, AND 'TMV'
SH1	SHOWER	AQUARIUS	MPB 6232 BF 1.0 *-WHT	WITH MOEN #FTL182 SHOWER VALVE AND TRIM KIT AND 'TMV'
SH2	ADA SHOWER	AQUARIUS	MPB 6232 BF 1.0 *-WHT	ACCESSIBLE SHOWER WITH GRAB-BARS, SEAT, MOEN #8346 SHOWER VALVE AND HAND-HELD SHOWER SYSTEM, AND 'TMV'
TMV	THERMOSTATIC MIXING VALVE (POINT OF USE)	WATTS	LFUSG	
UR	URINAL (MANUAL FLUSH)	AMERICAN STANDARD	6550.001	WITH ZURN #Z6003AV-WS1 MANUAL FLUSH VALVE (1.0 GPM/FLUSH)
WC1	WATER CLOSET (ADA HEIGHT WALL HUNG w/ MANUAL FLUSH)	AMERICAN STANDARD	2859	WITH ZURN #Z6000AV-WS1 MANUAL FLUSH VALVE (1.6 GPM/FLUSH) & CHURCH #9500SSCT SELF-SUSTAINING SEAT
WC2	WATER CLOSET (STANDARD HEIGHT WALL HUNG w/ MANUAL FLUSH)	AMERICAN STANDARD	2859	WITH ZURN #Z6000AV-WS1 MANUAL FLUSH VALVE (1.6 GPM/FLUSH) & CHURCH #9500SSCT SELF-SUSTAINING SEAT
WH1	WATER HEATER	A.O. SMITH	DEL-40	38 GALLON, 208V 1-PH, 4500W, WITH HOLDRITE #50-SWHP-WM WALL MOUNT KIT
HB	HOSE BIBB	WOODFORD	MODEL 14	"P" INLET - 10" WALL

NOTES:
1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION.
2. VERIFY FIXTURE FINISHES WITH OWNER / ARCHITECT.