

## INDEX OF DRAWINGS

G100 TITLE SHEET AND DRAWING INDEX  
C101 TRAIL CROSS SECTION AND GUARDRAIL DETAIL  
C102 PARKING PLAN AND DETAILS

Q101 BIKE REPAIR STAND, AIR PUMP  
BIKE STAND AND BOTTLE FILLER  
Q102 ADA PICNIC TABLE AND PAD

### INFORMATION BOARD AND DEPOT

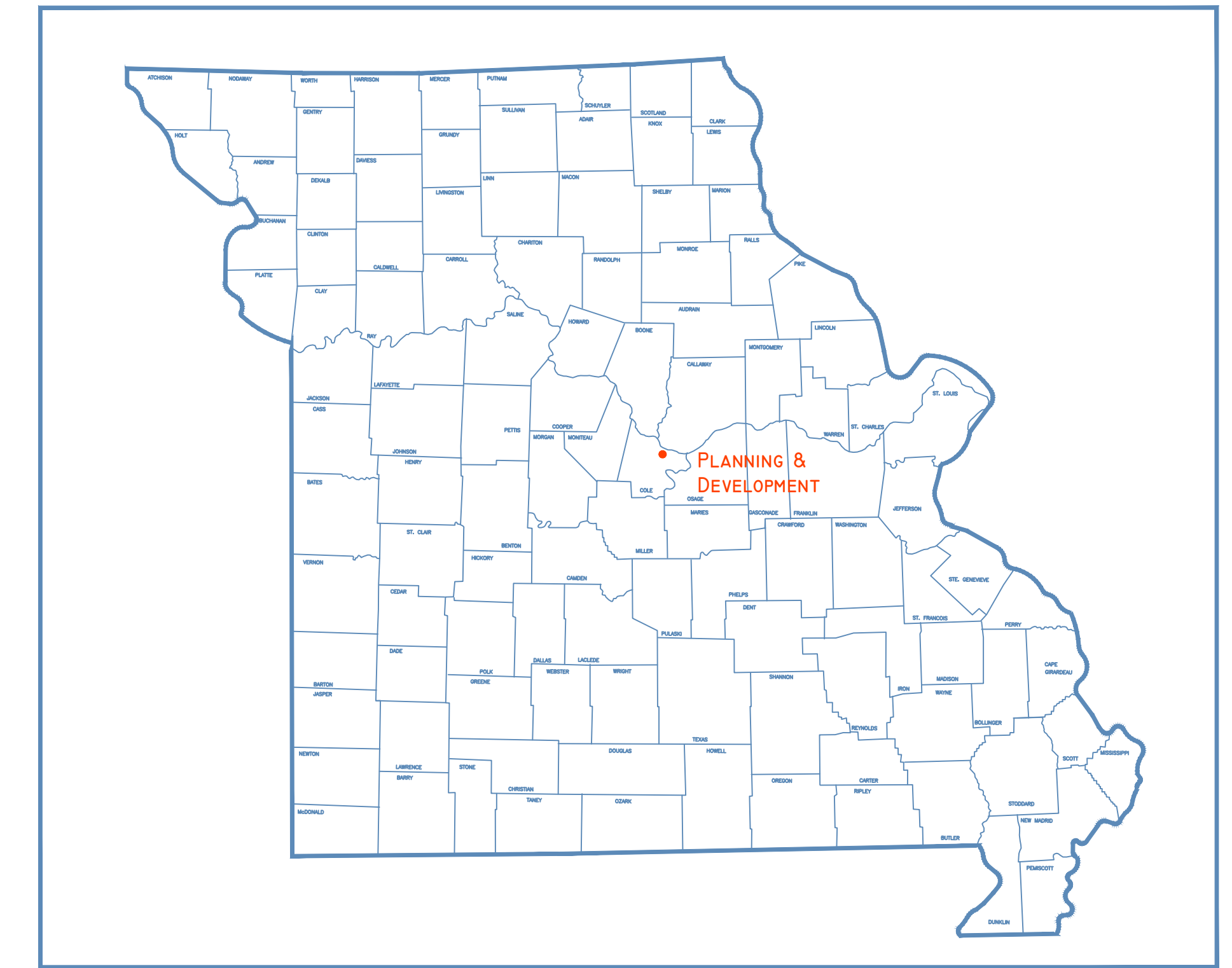
G101 TITLE SHEET  
A100 PLAN ELEVATION AND DETAILS

### VAULT TOILET

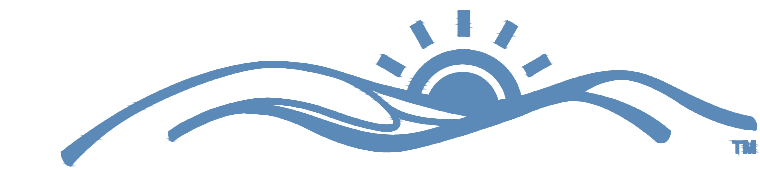
G102 TITLE SHEET  
A101 SLAB AND FOUNDATION PLAN  
A102 PLAN AND ELEVATION  
A301 SECTION

### 3 BAY SHELTER

G103 TITLE SHEET  
A103 PLAN AND FOOTING  
A201 ELEVATION  
A302 SECTION AND DETAILS  
E101 ELECTRICAL PLAN



STATE OF MISSOURI  
MICHAEL L. PARSON  
GOVERNOR



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PO Box 176  
JEFFERSON CITY, Mo 65102

PROGRAM TELEPHONE: 573-526-1699  
PROGRAM FAX #: 573-526-4395

# TRAILHEAD INFORMATION

ROCK ISLAND TRAIL  
STATE PARK  
MISSOURI

01/17/2023



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REFERENCE  
DOCUMENTS  
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SHEET NUMBER:

G100

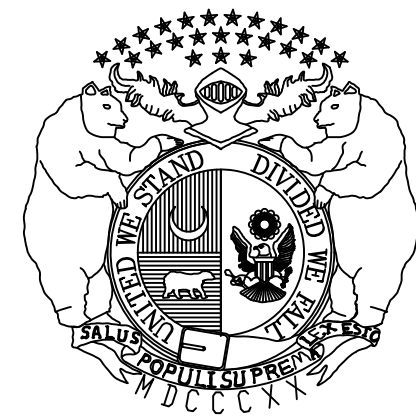
SHEET 1 OF 16











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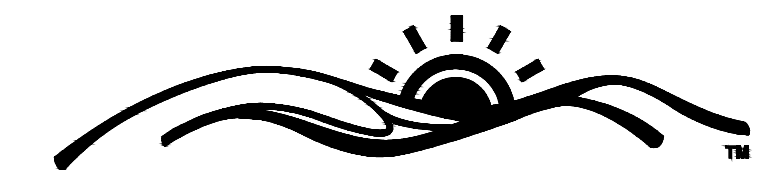
# INFORMATION BOARD AND DEPOT

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SHEET 6 OF 16





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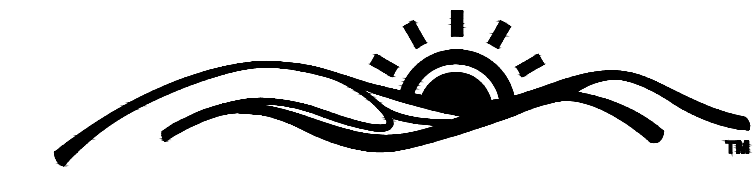
# VAULT TOILET WITH CAST IN PLACE VAULT

ROCK ISLAND TRAIL  
STATE PARK  
MISSOURI

01/17/2023



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**G102**

SHEET 8 OF 16







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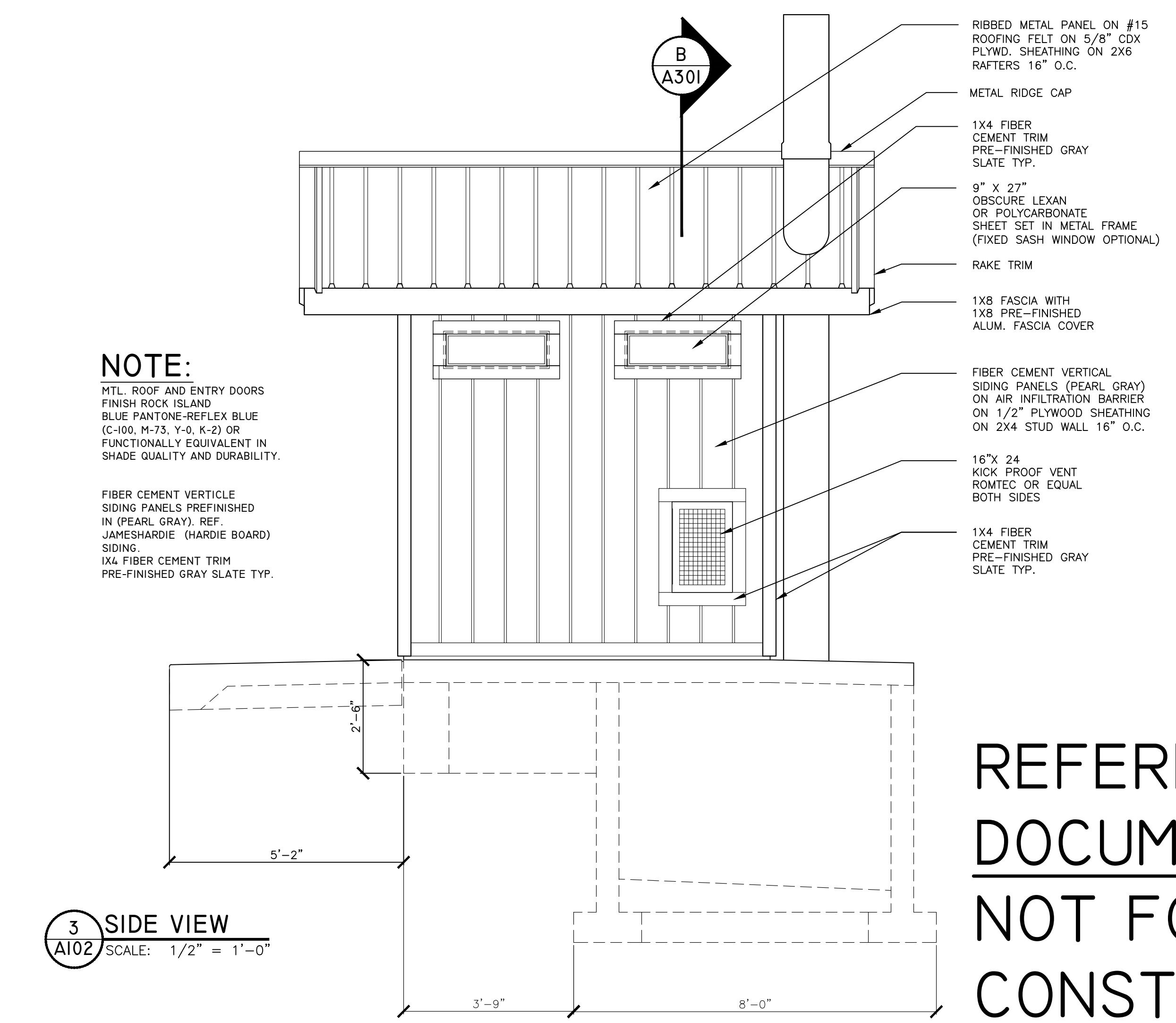
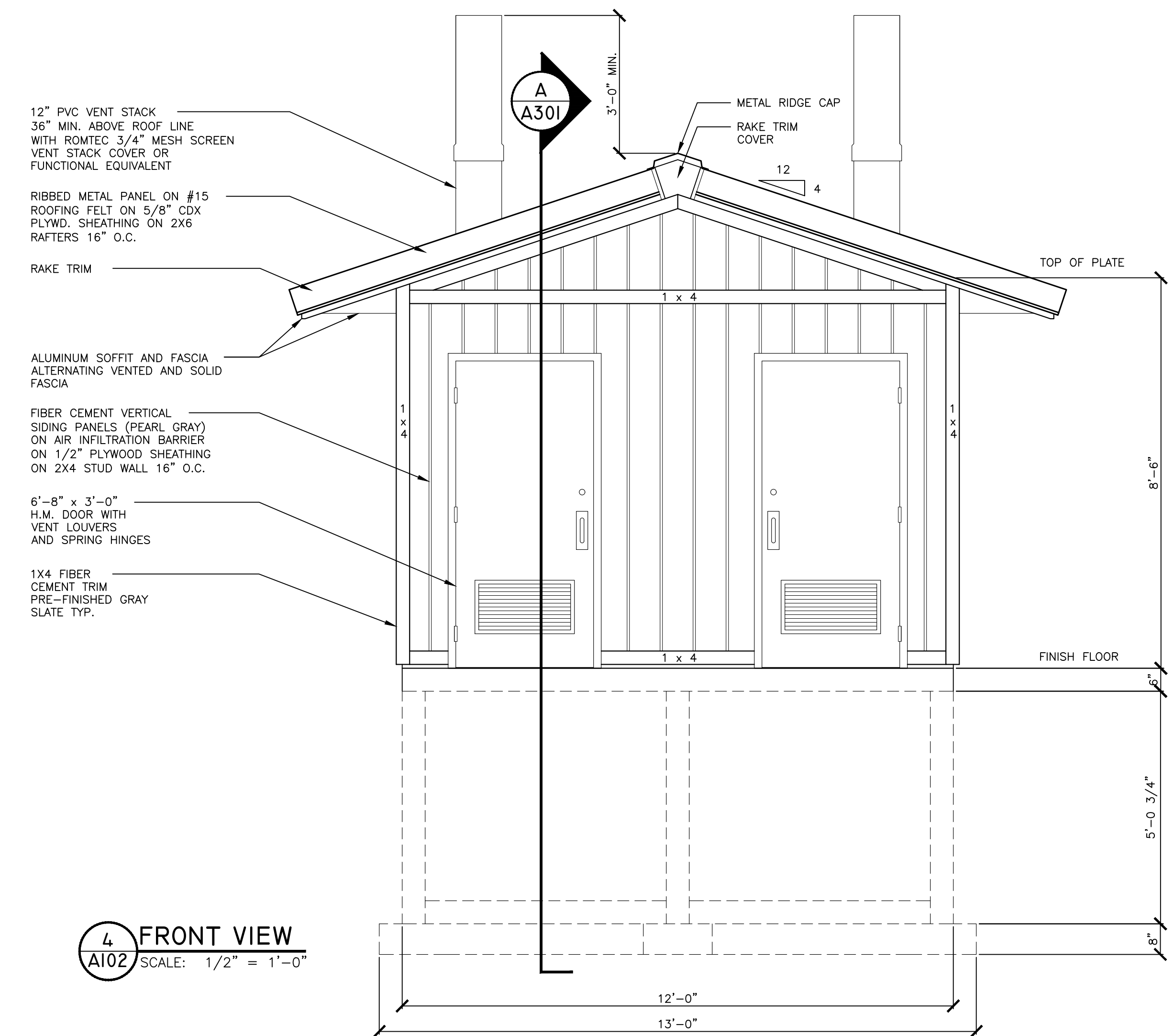
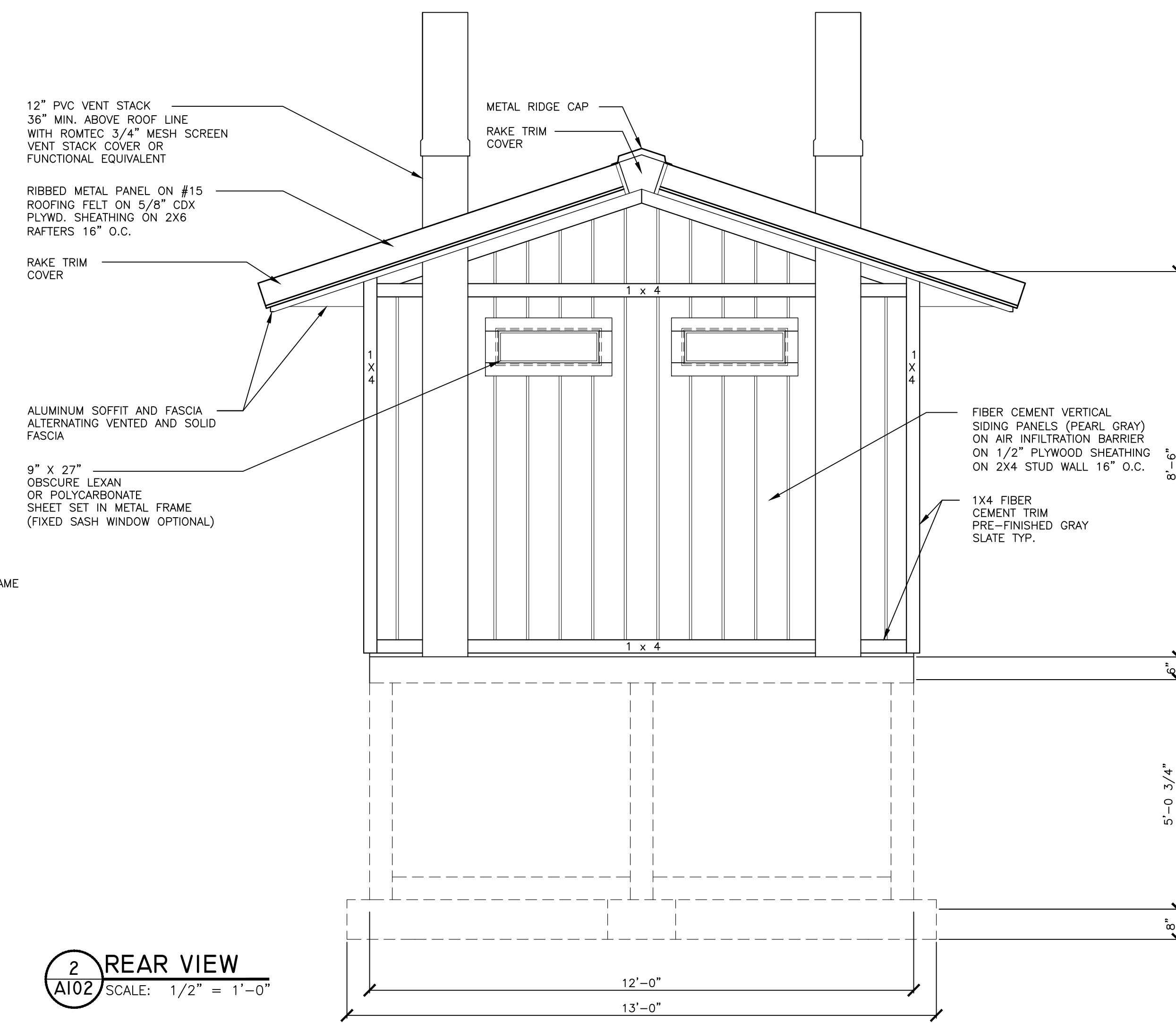
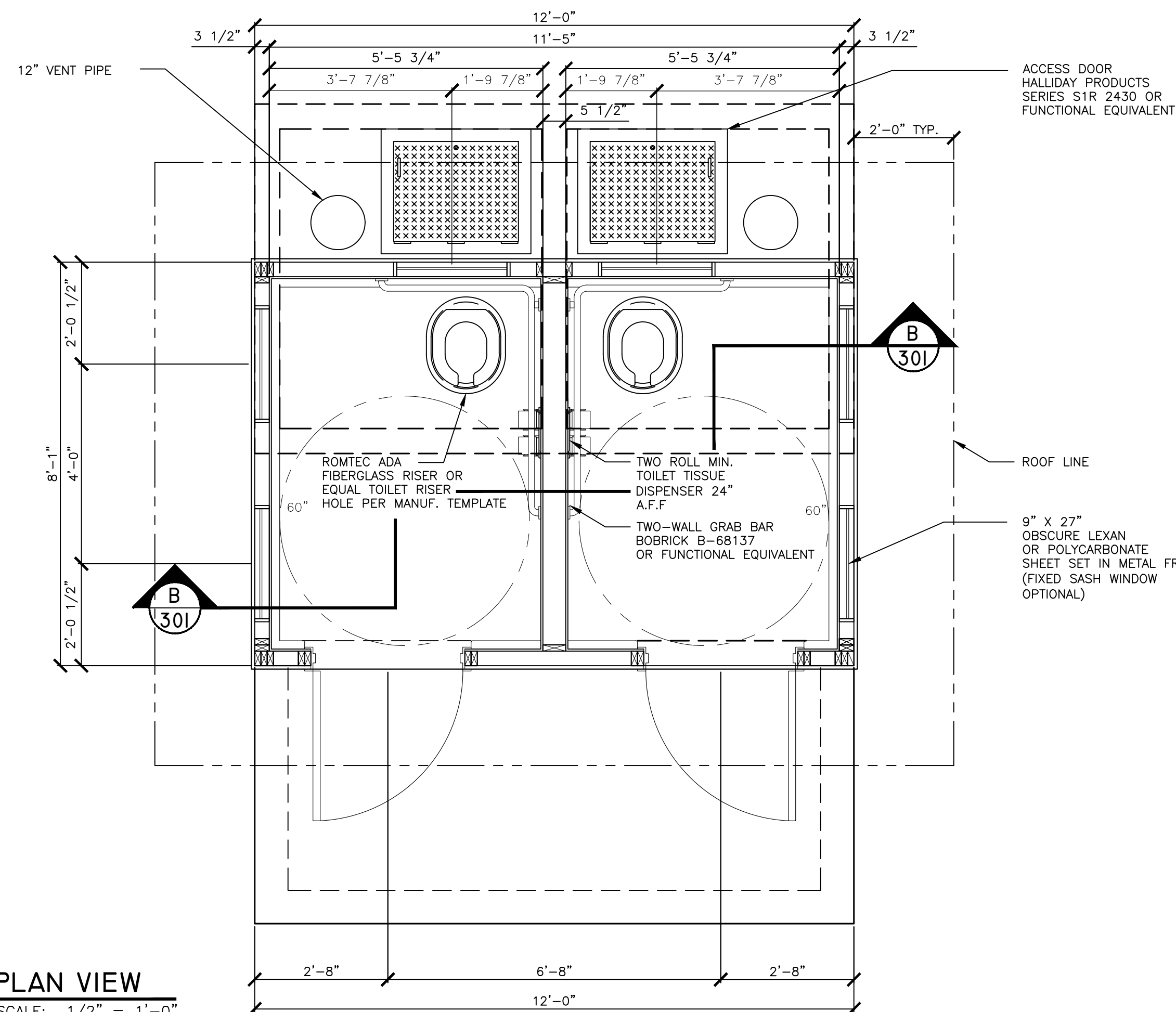
DESIGNED BY: REF  
DRAWN BY: REF  
ISSUED DATE: 01/17/2023

PROJECT TITLE:  
**VAULT TOILET WITH CAST IN PLACE VAULT**

PROJECT LOCATION:  
**ROCK ISLAND TRAIL STATE PARK MISSOURI**

SHEET TITLE:  
PLAN & ELEV.

SHEET NUMBER:  
**A102**  
SHEET 10 OF 16



**NOTE:**  
MTL. ROOF AND ENTRY DOORS  
FINISH ROCK ISLAND  
BLUE PANTONE-REFLEX BLUE  
(C-100, M-73, Y-0, K-2) OR  
FUNCTIONALLY EQUIVALENT IN  
SHADE QUALITY AND DURABILITY.

FIBER CEMENT VERTICLE  
SIDING PANELS PREFINISHED  
IN (PEARL GRAY). REF.  
JAMESHARDIE (HARDIE BOARD)  
SIDING.  
1X4 FIBER CEMENT TRIM  
PRE-FINISHED GRAY SLATE TYP.

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STATE OF MISSOURI  
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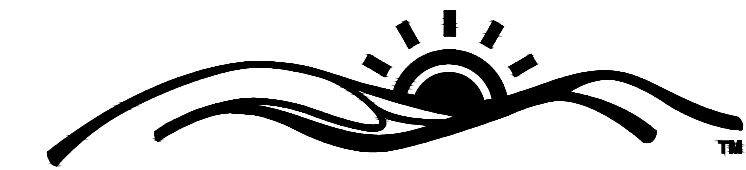
# 3 BAY SHELTER

ROCK ISLAND TRAIL  
 STATE PARK  
 MISSOURI

01/17/2023



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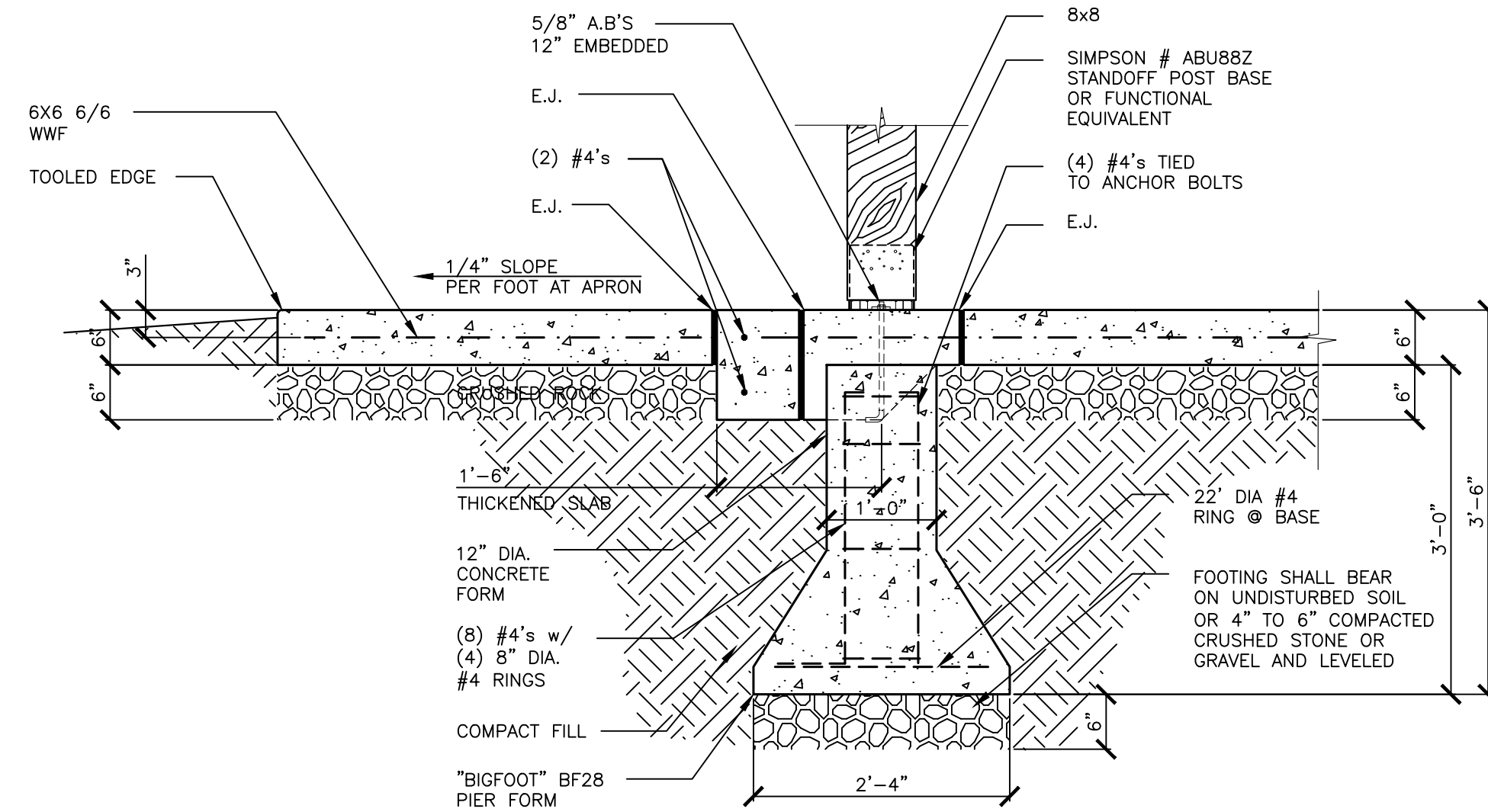
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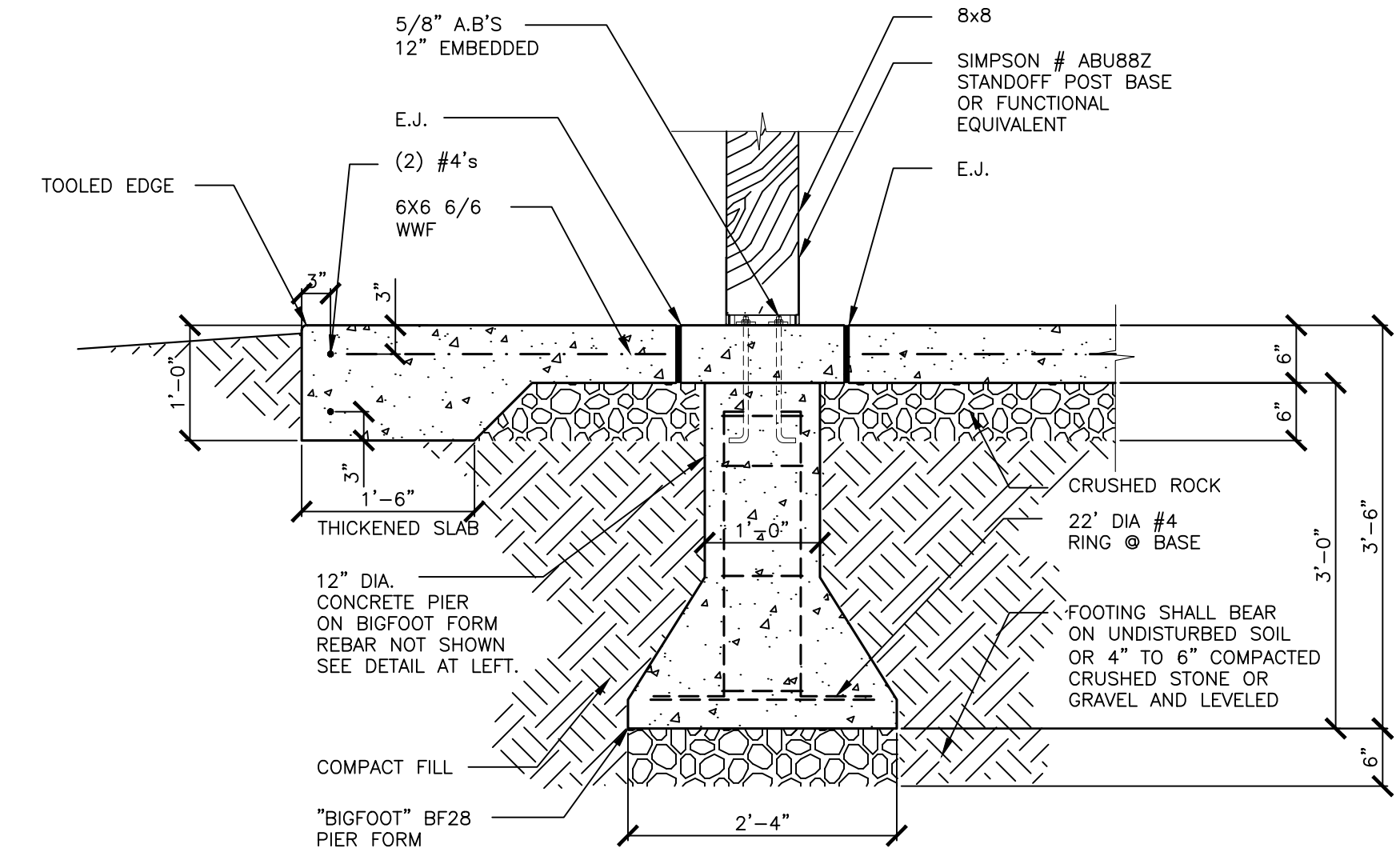
SHEET NUMBER:

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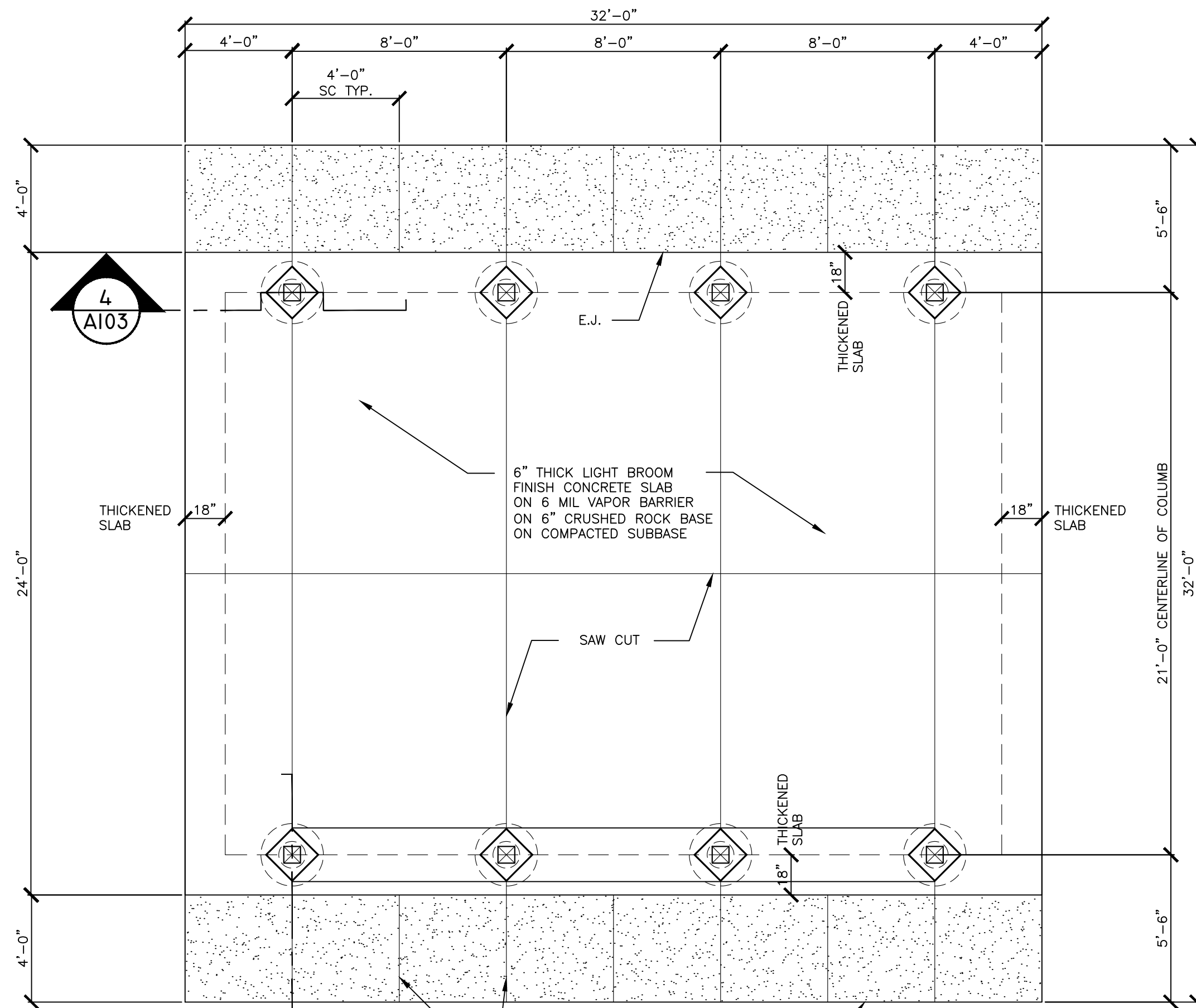
SHEET 12 OF 16



3 SECTION  
AI03 SCALE: 3/4" = 1'-0"



4 SECTION  
AI03 SCALE: 3/4" = 1'-0"

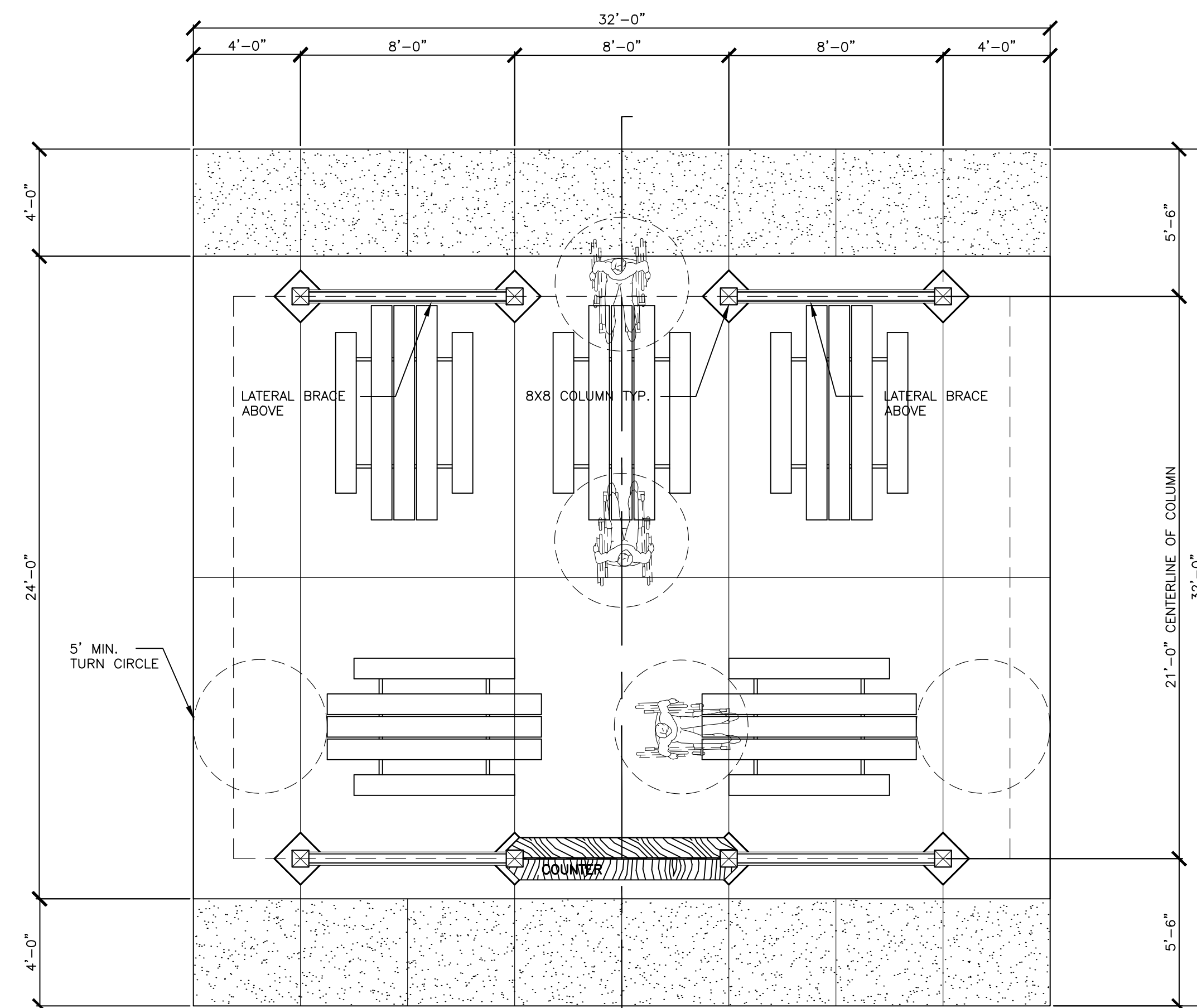


2 SLAB/FOOTING PLAN  
AI03 SCALE: 1/4" = 1'-0"

6" THICK, LIGHT BROOM FINISH CONCRETE APRONS WITH 6X6 6/6 WWF ON 6 INCHES OF CRUSHED STONE BASE SLOPE TO DRAIN


CONCRETE NOTES:

1. CONCRETE WORK SHALL BE EXECUTED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF AMERICAN CONCRETE INSTITUTE (A.C.I.) MANUAL OF CONCRETE PRACTICE.
2. FOUNDATION FOOTINGS SHALL BEAR A MINIMUM OF 12 INCHES INTO UNDISTURBED SOIL AND 36 INCH MINIMUM BELOW FINISHED GRADE.
3. FOUNDATION DESIGN IS BASED UPON AN ASSUMED SOIL BEARING CAPACITY OF 2,000 P.S.I. IF WET OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, NOTIFY THE ARCHITECT AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
4. CONCRETE SHALL BE TYPE 1 CEMENT MIX AND AIR-ENTRAINED WITH A COMPRESSIVE STRENGTH OF: 4,000 P.S.I. @ 28 DAYS
5. DEFORMED STEEL REINFORCING BARS SHALL BE:  
#3's ASTM A615 GRADE 40  
#4's & LARGER ASTM A615 GRADE 60



1 PLAN  
AI03 SCALE: 1/4" = 1'-0"

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NO.	REV	DESC.	DATE:

DESIGNED BY:  
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ISSUED DATE: 01/17/2023

PROJECT TITLE:  
NEW 3-BAY  
PICNIC SHELTER

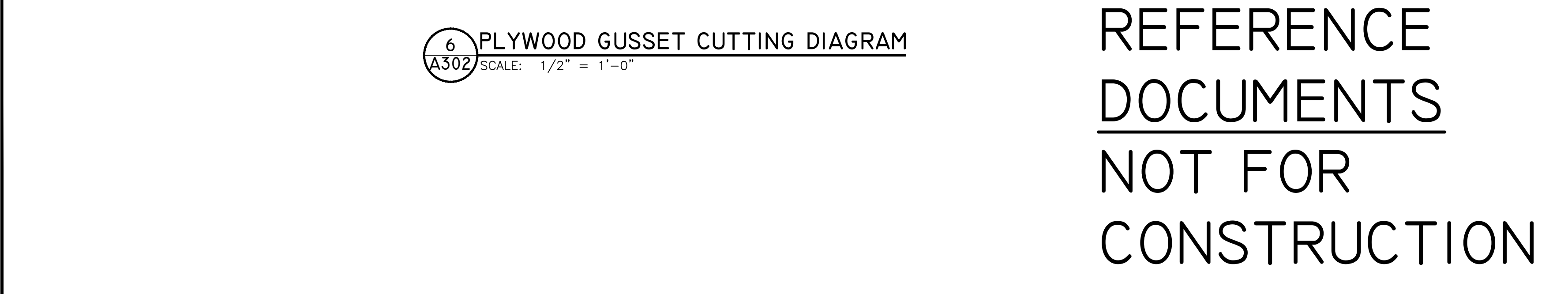
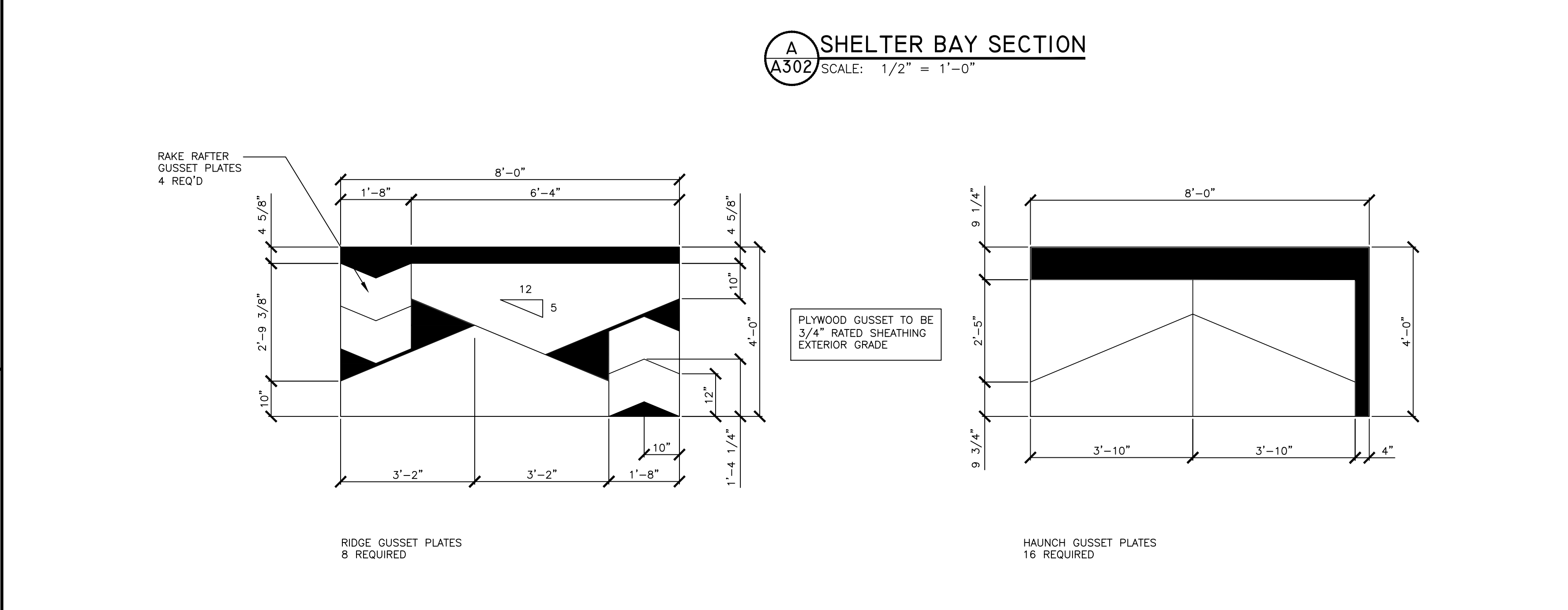
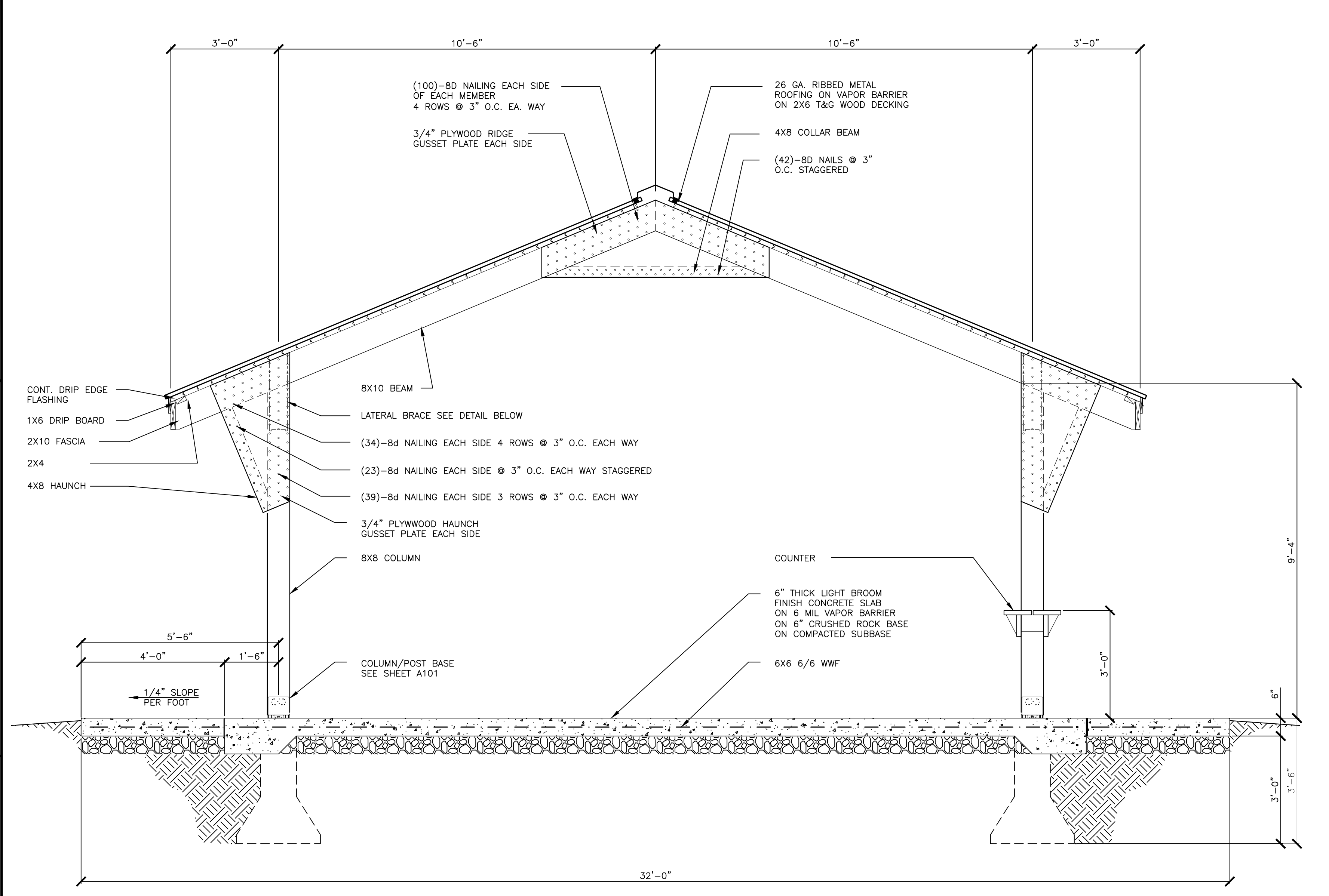
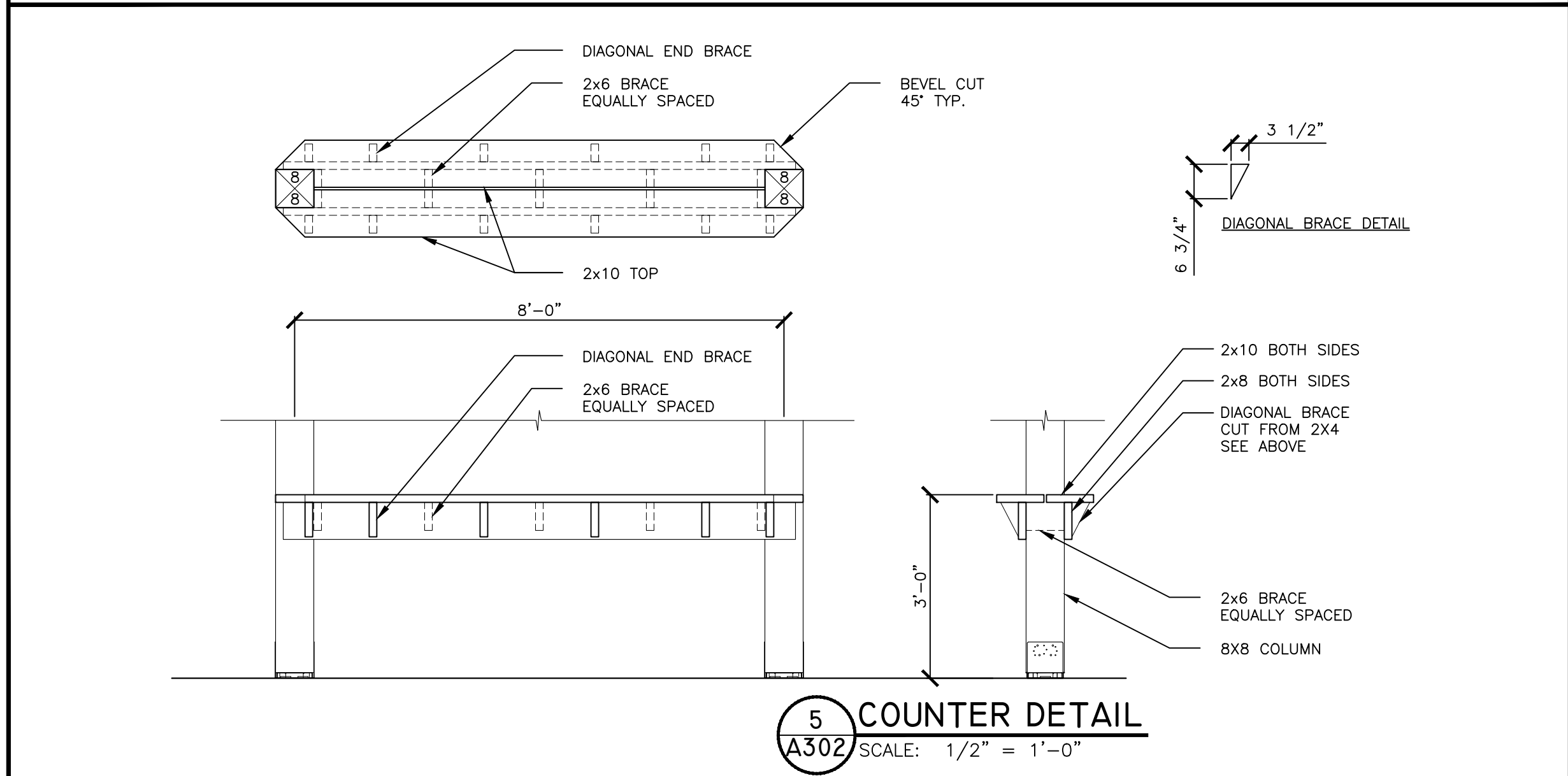
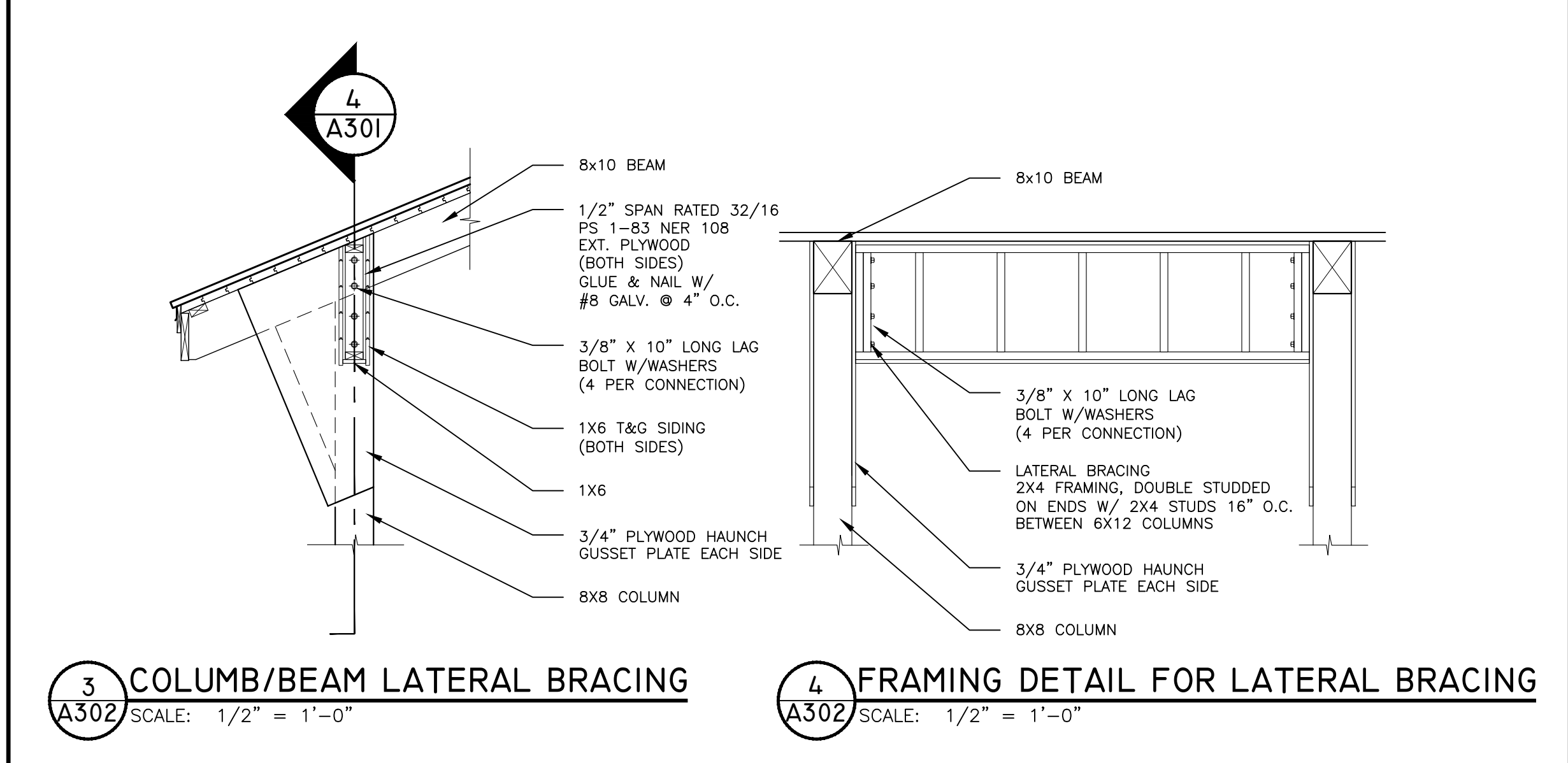
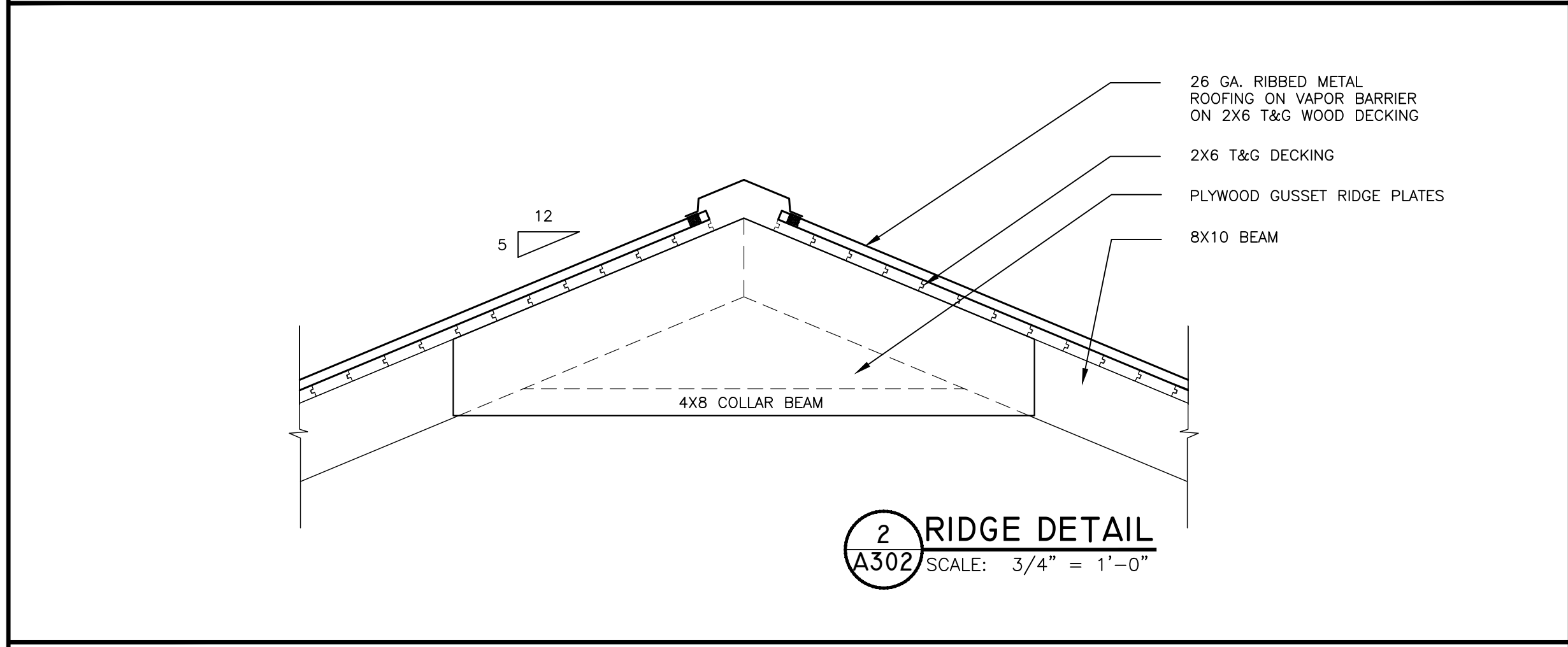
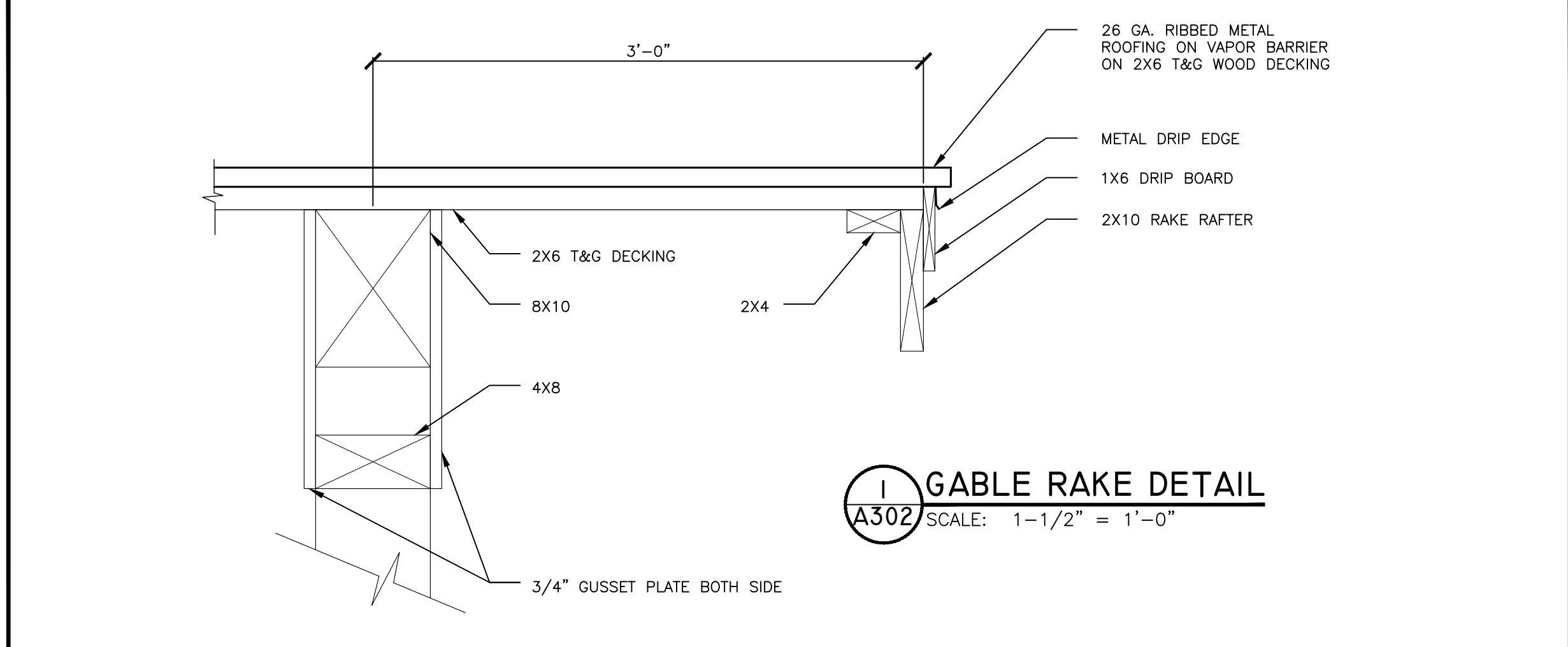
PROJECT LOCATION:  
ROCK ISLAND TRAIL  
STATE PARK  
MISSOURI

SHEET TITLE:  
PLAN / DETAILS  
AND FOOTING

SHEET NUMBER:  
**AI03**  
SHEET 13 OF 16

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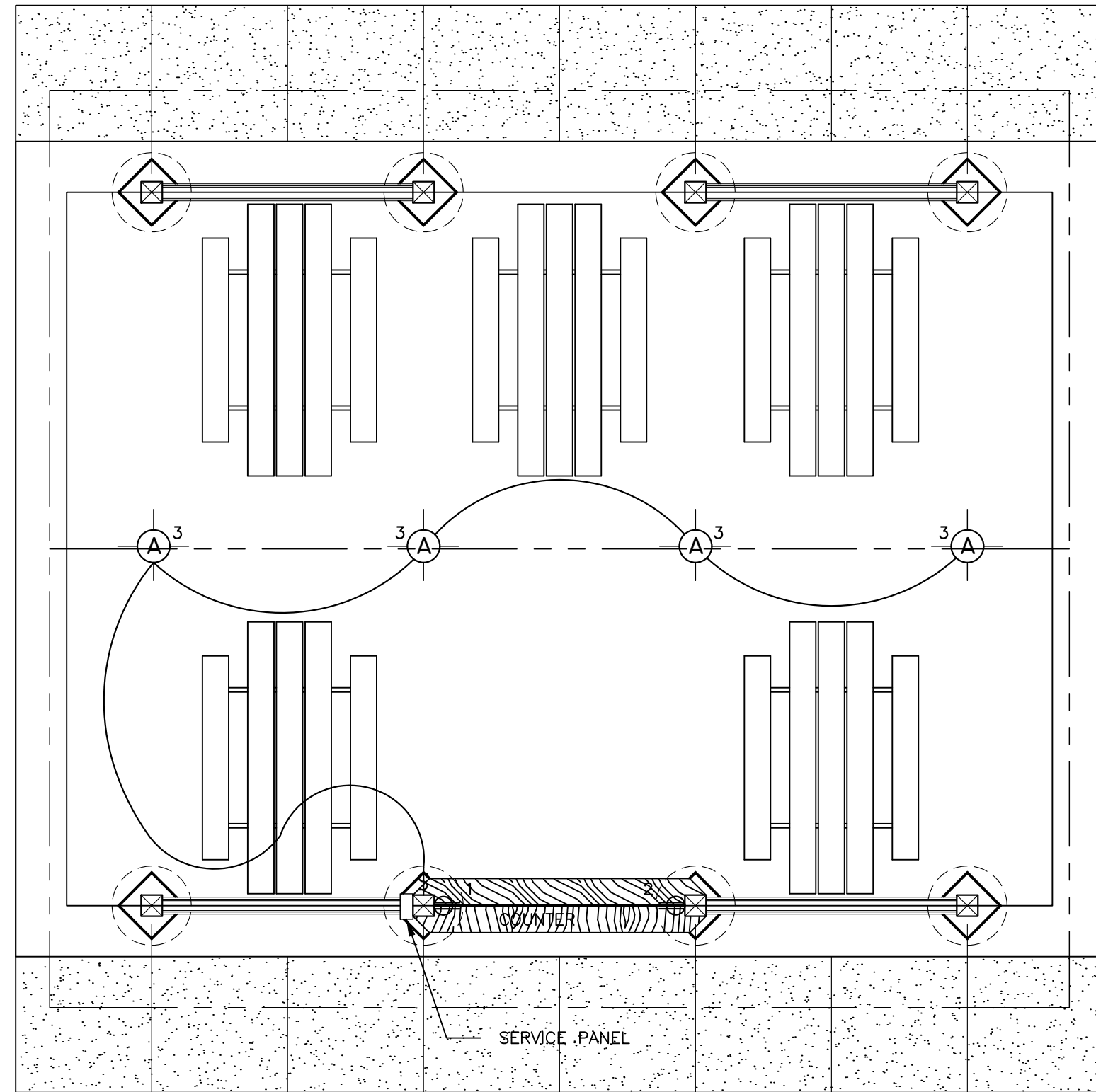
DESIGNED BY:  
DRAWN BY: REF  
ISSUED DATE: 01/17/2023

PROJECT TITLE:  
NEW 3 BAY HEAVY TIMBER PICNIC SHELTER

PROJECT LOCATION:  
ROCK ISLAND TRAIL STATE PARK  
MISSOURI

SHEET TITLE:  
SECTION AND DETAILS

SHEET NUMBER:  
**A302**  
SHEET 15 OF 16



SERVICE PANEL - SHELTER							
SQUARE "D"		Q0816L100RB		SERVICE WIRE AND GROUND			
		SURFACE MOUNT		THHN/THWN IN PVC CONDUIT			
		100 AMP / 8 SPACES		120/240V- 1 PHASE 3 WIRE			
CIR.	SERVICE	POLE/AMP	WIRE	CIR.	SERVICE	POLE/AMP	WIRE
1	SERVICE COUNTER GFCI RECEPTACLE	1-20A	#12	2	SERVICE COUNTER GFCI RECEPTACLE	1-20A	#12
3	LIGHTING	1-20A	#12	4	SPARE		
5	SPARE			6	SPARE		
7	SPARE			8	SPARE		

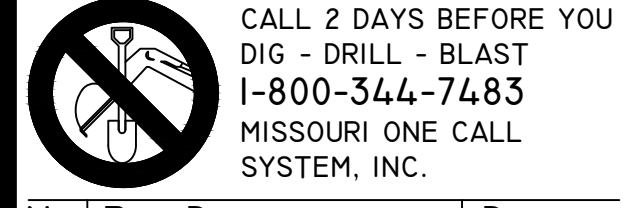
- ### ELECTRICAL NOTES
1. DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
  2. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRIC CODE (N.E.C.).
  3. PROVIDE ELECTRICAL EQUIPMENT AND ACCESSORIES REQUIRED FOR COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM AS REQUIRED BY MANUFACTURER INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
  4. SEE SITE PLAN FOR UTILITY SERVICE CONNECTIONS.
  5. SERVICE PANEL, SWITCH AND RECEPTACLE BOXES SHALL BE NEMA 3R FOR INSTALLATION AT EXTERIOR LOCATIONS. SWITCHES AND RECEPTACLES SHALL BE EQUAL TO THE AMPERE RATING SHOWN IN THE PANEL SCHEDULE. RECEPTACLES SHALL BE GROUND FAULT INTERRUPTION TYPE. EACH RECEPTACLE BOX SHALL BE WIRED ON A SEPARATE DEDICATED CIRCUIT.
  6. LOCATE AND PLACE PVC CONDUIT FOR UNDER SLAB INSTALLATION PRIOR TO POURING OF CONCRETE.
  7. BRANCH CIRCUIT WIRING AND GROUNDS SHALL BE TYPE "THHN" OR "THWN" SOLID COPPER. WIRE SIZES LARGER THAN #10 AWG SHALL BE STRANDED COPPER. BRANCH CIRCUIT WIRING SHALL BE RUN IN EMT THIN WALL CONDUIT WHERE EXPOSED. CONCEAL BRANCH CIRCUIT WIRING IN FRAMED ROOF AREA FOR COOK GRILL. CONDUIT SHALL BE SECURELY ATTACHED TO FRAMING MEMBERS OR ROOF DECK AT NO LESS THAN 36" O.C. PRE-WIRED "BX" FLEXIBLE METAL CONDUIT MAY BE USED FOR CEILING LIGHTING, BUT MUST BE NEATLY RUN AND SECURED.
  8. SEE SPECIFICATION SECTION 26 - ELECTRICAL FOR ADDITIONAL REQUIREMENTS.

**1** ELECTRICAL PLAN  
 E101 SCALE: 1/4" = 1'-0"

- ### LEGEND
- HEAVY-DUTY DIE-CAST ALUMINUM PENDANT MOUNT
  - VAPOR TIGHT LIGHTING FIXTURE
  - 150 WATT INCANDESCENT WITH 15" ALUMINUM SHROUD WITH POWER-COAT FINISH. MANUFACTURER ECONOLIGHT OR LITHONIA OR FUNCTIONAL EQUIVALENT.
  - 20A/120V GROUND FAULT RECEPTACLE IN WATERPROOF BOX
  - 20A/ 120V SWITCH IN WATERPROOF BOX
  - 100A 120/240V SINGLE PHASE THREE WIRE RAINPROOF LOAD CENTER WITH 8 AVAILABLE CIRCUITS MOUNTED TO SHELTER COLUMN EQUAL TO SQUARE D MODEL Q0816L100RB

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 ISSUED DATE: 01/17/2023

PROJECT TITLE:  
 NEW 3-BAY HEAVY TIMBER PICNIC SHELTER

PROJECT LOCATION:  
 ROCK ISLAND TRAIL STATE PARK MISSOURI

SHEET TITLE:  
 ELECTRICAL PLAN

SHEET NUMBER:  
**E101**  
 SHEET 16 OF 16