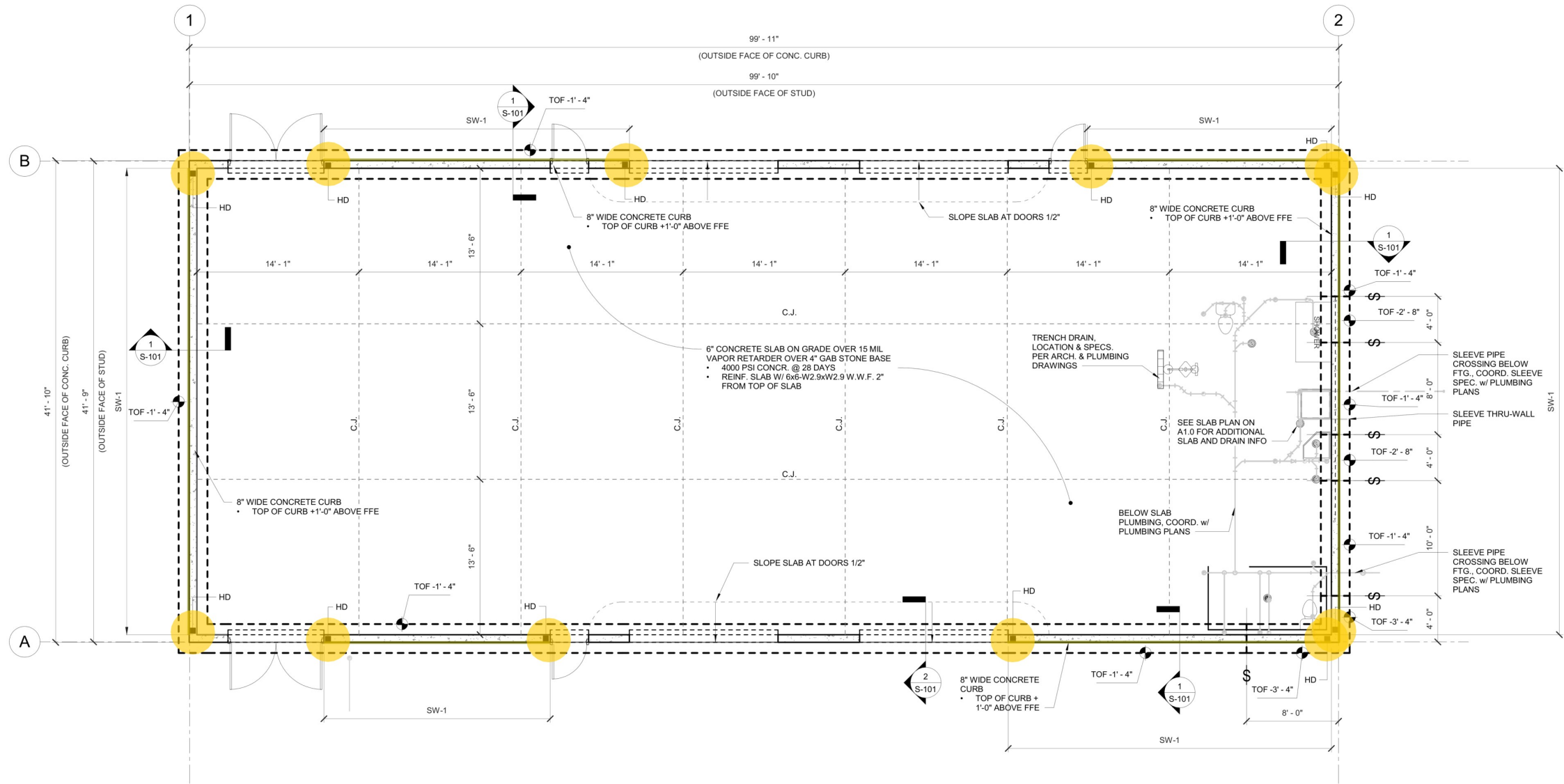
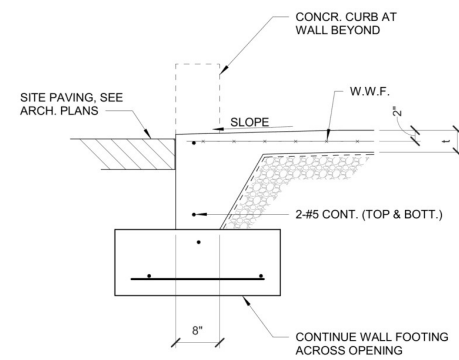
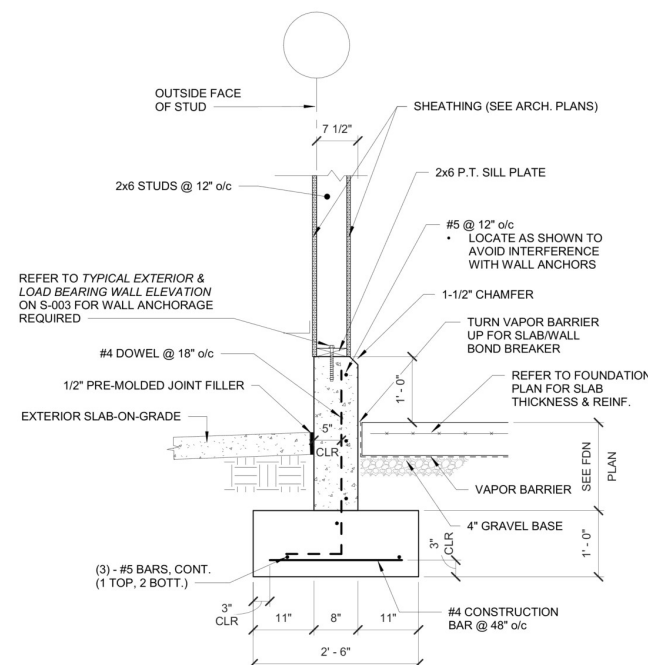




**FOUNDATION PLAN**  
3/16" = 1'-0"

**FOUNDATION NOTES**

- HOLD-DOWN ANCHOR WITH STUD-PACK PER WOOD SHEAR WALL SCHEDULE ON S-003
- TOF TOP OF FOOTING ELEVATION RELATIVE TO FFE 0'-0"
- SW-# SHEAR WALL; SEE SCHEDULE ON S-003
- C.J. SLAB CONTROL JOINT; SEE S-002 FOR TYPICAL DETAIL
- ⊗ STEPPED FOOTING MARK; SEE S-002 FOR TYPICAL DETAIL



1 TYPICAL EXTERIOR WALL SECTION  
S-101 3/4" = 1'-0" 178.6 FT 12.0 EA

2 TURN DOWN SLAB AT EXTERIOR DOOR  
S-101 3/4" = 1'-0"

**MH STRUCTURES**  
Integrity is our foundation.  
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Suite 201  
Powder Springs, GA 30127  
(404) 495-4889  
www.mhstructures.com



United States Department of Agriculture  
Forest Service

USDA FOREST SERVICE  
REGION 8

PROJECT NAME

**CHATTOOGA  
RIVER WORK  
CENTER**

**9975 Highway 441S  
Lakemont, GA  
30552**

DRAWING TITLE

**FOUNDATION PLAN**

DATE SIGNED

**12-18-2023**

ARCHIVE NO.

DESIGNER

**MH**

DRAWN

**MH**

CHECKED

**MH**

PROJECT NO.

**2022-419**

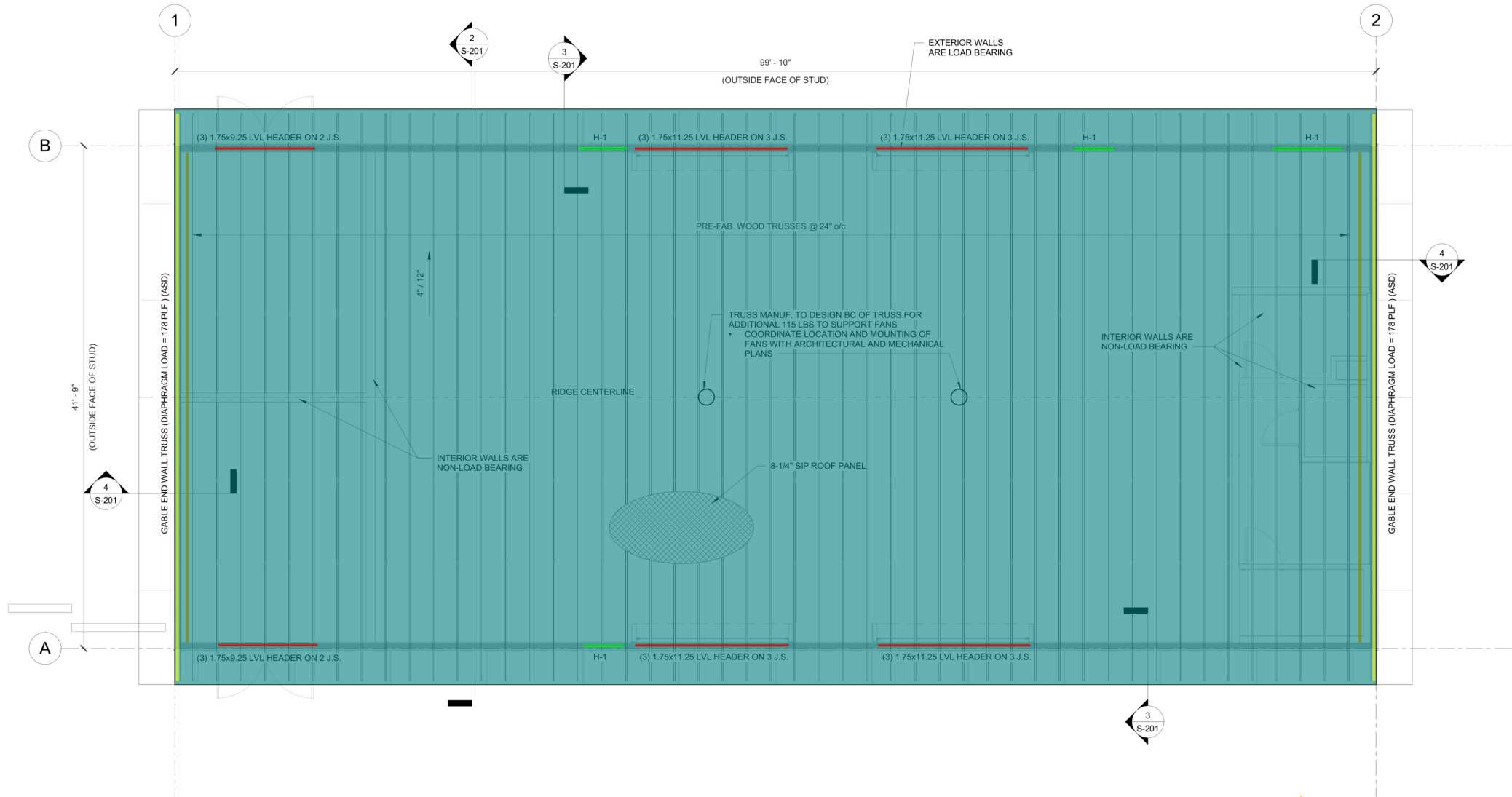
DWG SHEET NO.

**S-101**

SHEET

**4 OF 6**

Tag: SW-1  
(2)2x4 Wood Post



**ROOF FRAMING PLAN**  
3/16" = 1'-0"

**ROOF FRAMING NOTES**

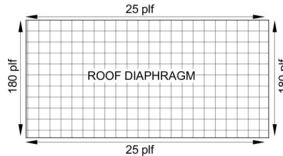
- THE ROOF DECK IS A STRUCTURAL INSULATED PANEL (SIP). THE SIP SHALL HAVE A 7-1/4" CORE (8-1/4" TOTAL THICKNESS). SIPs SHALL BE FASTENED TO THE ROOF TRUSSES AND PERIMETER BLOCKING WITH SIP FASTENERS AS DESIGNED & SPECIFIED BY THE SIP ENGINEER. REFER TO NOTES ON S-001 AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- TRUSSES ARE PRE-FABRICATED WOOD TRUSSES WITH PLATED CONNECTIONS. REFER TO NOTES ON S-001 AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PROVIDE H-1 HEADER OVER ALL MECHANICAL PENETRATIONS THROUGH EXTERIOR WALLS. MAXIMUM SPAN OF H-1 HEADER IS 6'-0".
- TRUSS MANUFACTURER TO PROVIDE BOTTOM CHORD BRACING AS REQUIRED; DO NOT COUNT ON CEILING FOR BRACING.

H-# WOOD HEADER MARK; SEE WOOD HEADER SCHEDULE ON SHEET S-002  
J.S. JACK STUDS

**SIP LOADING:**

DL = 5 psf + SIP WEIGHT  
LL = WORST OF 20 psf OR 300 LBS CONCENTRATED ANYWHERE  
WL = UPLIFT PER COMPONENTS & CLADDING WIND PRESSURE PLAN ON SHEET S-201.  
USE 2 psf + SIP WEIGHT AS A MINIMUM DEAD LOAD. (NET UPLIFT = 0.6DL<sub>MIN</sub> + 0.6WL)

DIAPHRAGM SHEAR: (ASD)



- Pre-Fabricated Wood Trusses @ 24" O.C
- (3) 1.75x9.25 LVL Header
- H1
- Gable End Wall Truss (7'-10" H)
- 2x4 Bracing @ 48" O.C

- 4771.1 SQ FT
- 67.2 FT
- 16.4 FT
- 94.2 FT
- 81.4 FT



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**MH**

CHECKED

**MH**

PROJECT NO.

**2022-419**

DWG SHEET NO.

**S-102**

SHEET

**5 OF 6**



