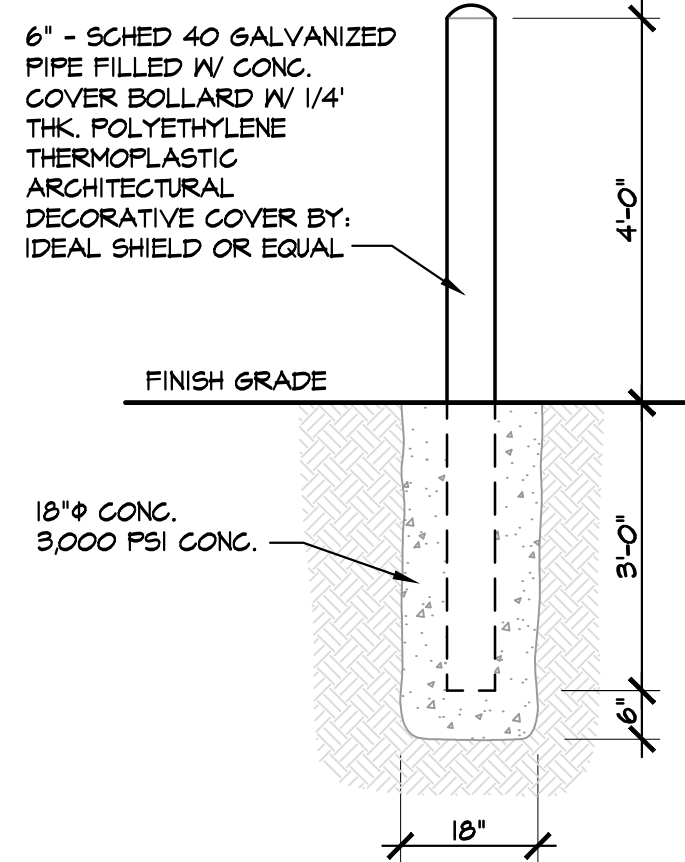
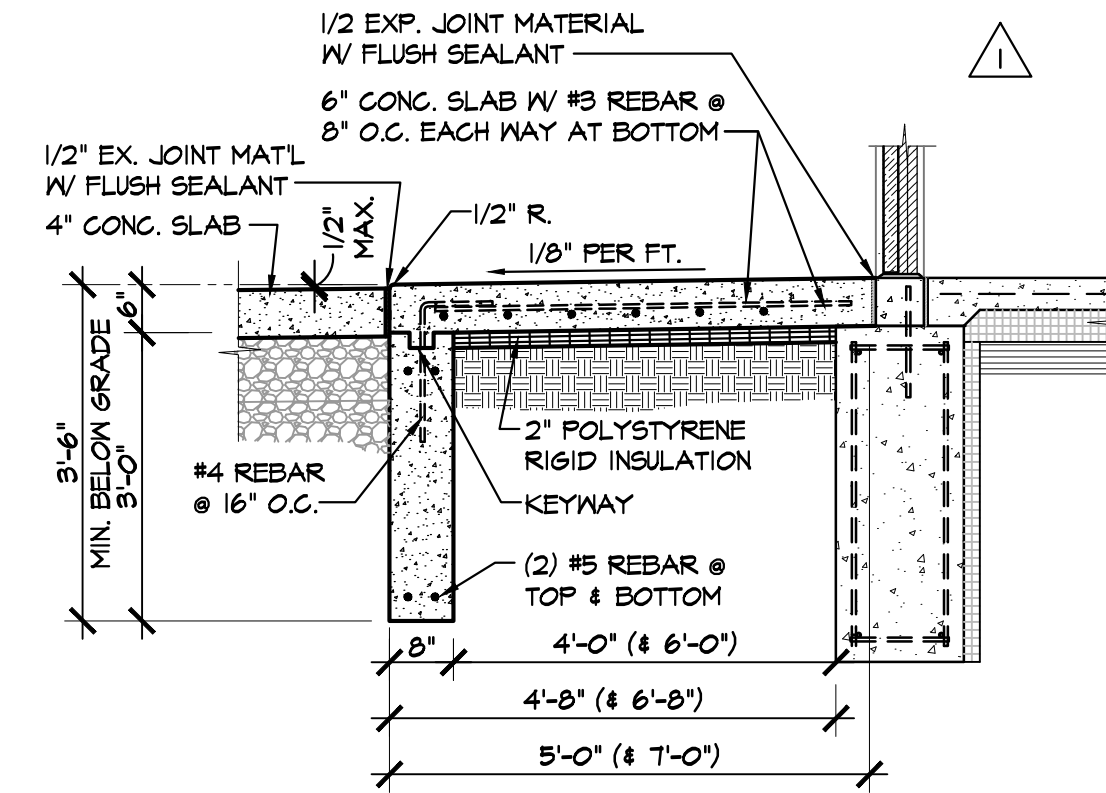


**FOUNDATIONS AND EARTHWORK:**

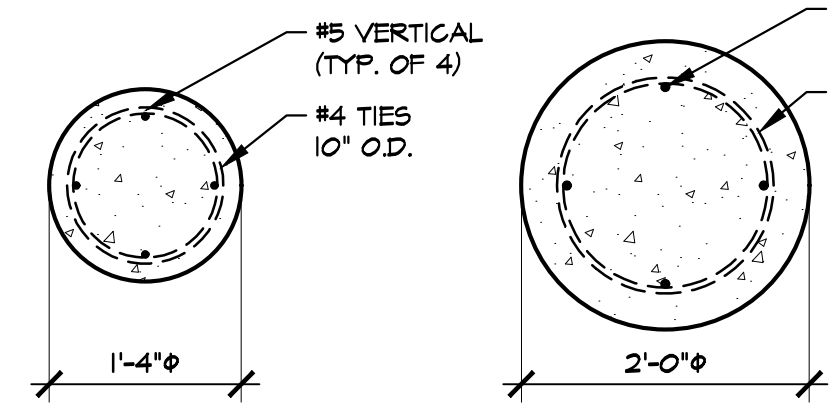
- FOOTINGS & FOUNDATIONS ARE DESIGNED TO BEAR ON UNDISTURBED SOIL, COMPACTED FILL MATERIAL, OR CONTROLLED LOW STRENGTH MATERIAL (CLSM) WITH A NET BEARING CAPACITY OF 1500 PSF. VERIFY BEARING CAPACITY OF SOIL AT BOTTOM OF EXCAVATIONS BEFORE CONSTRUCTING FOOTINGS. IF ACTUAL BEARING CAPACITY IS LESS THAN THE DESIGN CAPACITY IMMEDIATELY NOTIFY ARCHITECT. INCREASE DEPTH OF FOOTINGS OR OVER EXCAVATE UNSUITABLE SOILS AND REPLACE WITH COMPACTED FILL OR CLSM MAYBE REQUIRED AS DIRECTED BY THE ARCHITECT.
- DESIGN AND INSTALL TEMPORARY SYSTEMS FOR EXCAVATION Dewatering AND EXCAVATION BRACING AS REQUIRED FOR PROPER EXECUTION OF THE WORK. REMOVE TEMPORARY SYSTEMS AFTER CONSTRUCTION IS COMPLETED UNLESS INDICATED OR APPROVED.
- PREPARE SUBGRADE AND CONSTRUCT BUILDING PAD IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND / OR GEOTECHNICAL REPORT. IF AVAILABLE, PROOF ROLL SUBGRADE TO DISCOVER PEAK OR UNSUITABLE SOILS. PLACE FILL IN MAXIMUM 9" LIFTS AND COMPACT TO 95% OF THE MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557-02 (MODIFIED PROCTOR TEST). FILL UNDER FOUNDATIONS AND BACKFILL IN EXCAVATIONS SHALL BE COARSE SAND, GRAVEL, OR CRUSHED STONE. SUBGRADE UNDER SLABS-ON-GRADE SHALL BE MINIMUM 4" INCH DEEP, CRUSHED STONE PLACED TO A TOLERANCE OF +0 TO 3/4" INCH.
- DO NOT CONSTRUCT FOOTINGS OR SLABS ON FROZEN SOILS, ON FROST, OR IN EXCAVATIONS CONTAINING STANDING WATER. KEEP EXCAVATIONS DRY AND PROTECT SUBGRADES, FOOTINGS, AND SLABS FROM FROST HEAVE.
- CENTER FOOTINGS UNDER COLUMNS AND WALLS UNLESS DETAILED OTHERWISE. TOP AND BOTTOM OF FOOTINGS SHALL BE LEVEL. STEP FOOTINGS WHERE IT IS NECESSARY TO CHANGE BEARING ELEVATIONS.
- BEAR EXTERIOR FOOTINGS, FOOTINGS ADJACENT TO THE BUILDING PERIMETER AND FOOTINGS IN AREAS WHICH WILL REMAIN UNHEATED DURING NORMAL OCCUPANCY, AT A MINIMUM FROST DEPTH OF 3'-6" BELOW GRADE. BEAR INTERIOR FOOTINGS AT ELEVATIONS INDICATED.
- REFERENCE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR SLEEVES, INSERTS, ANCHORS, AND OTHER MATERIALS TO BE EMBEDDED IN FOUNDATIONS.



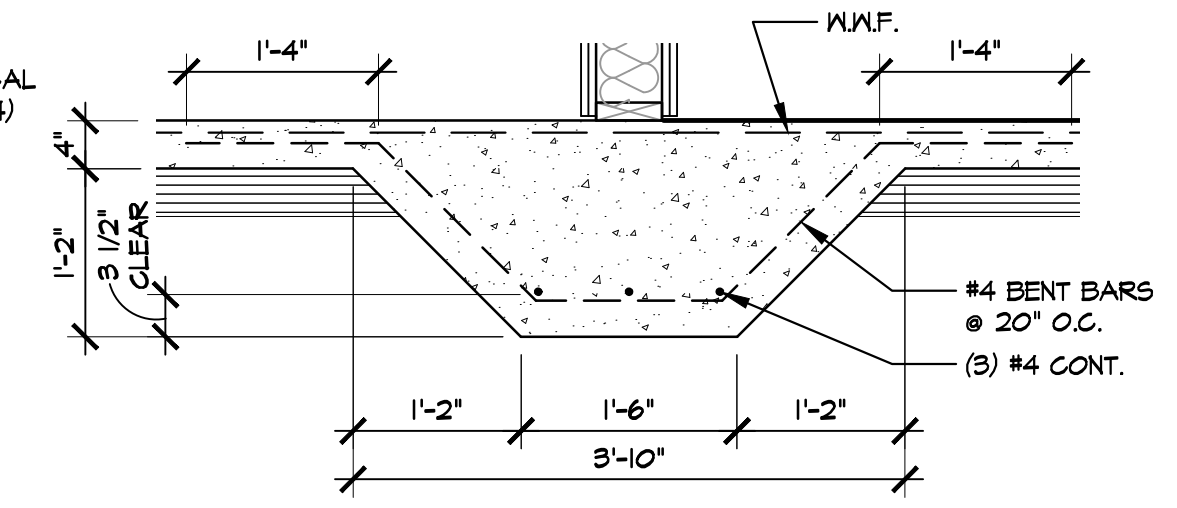
**3 BOLLARD DETAIL**  
SCALE: 1/2" = 1'-0"



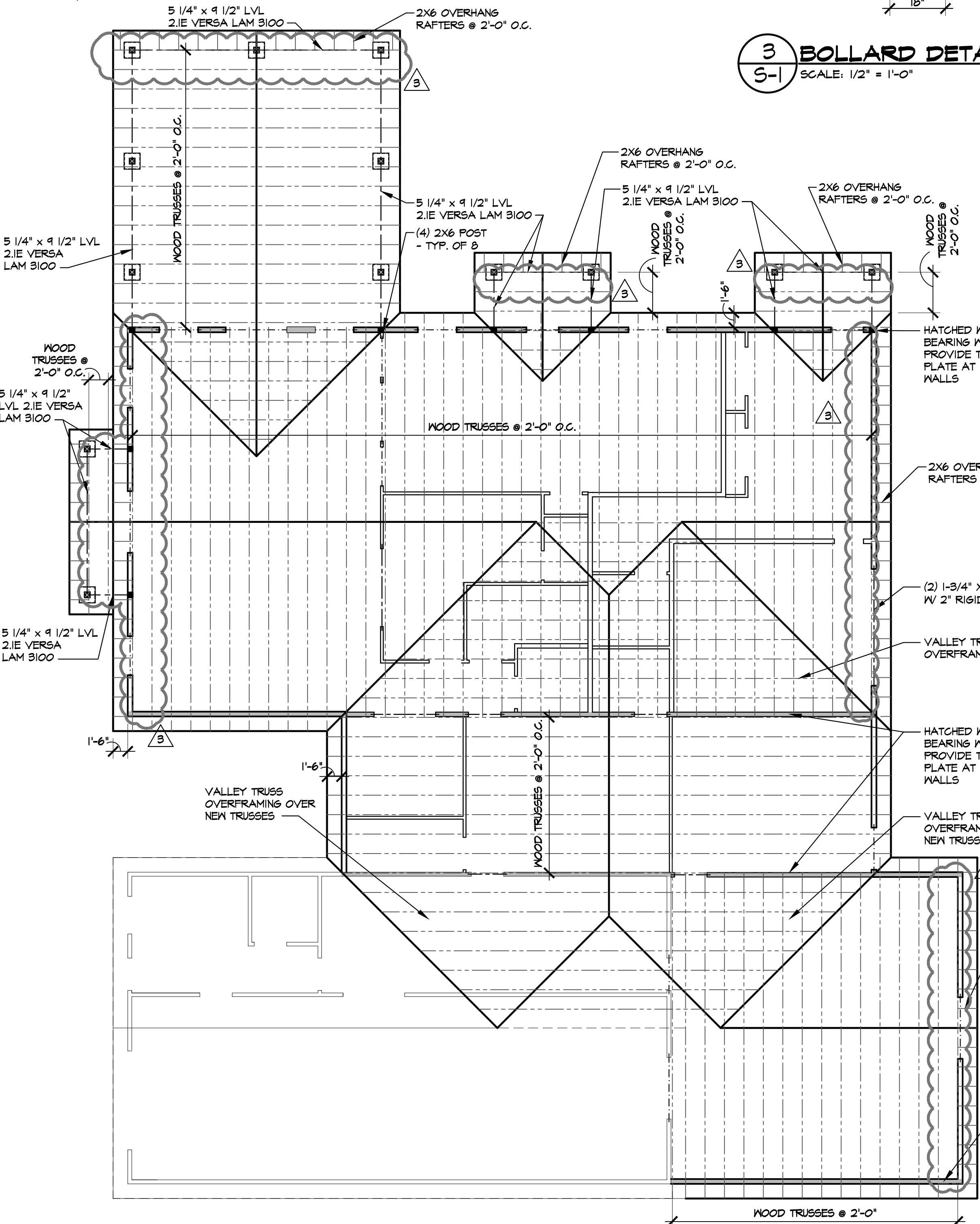
**4 FROST SLAB SECTION**  
SCALE: 1/2" = 1'-0"



**5 POST FOOTING SECTION**  
SCALE: 3/4" = 1'-0"

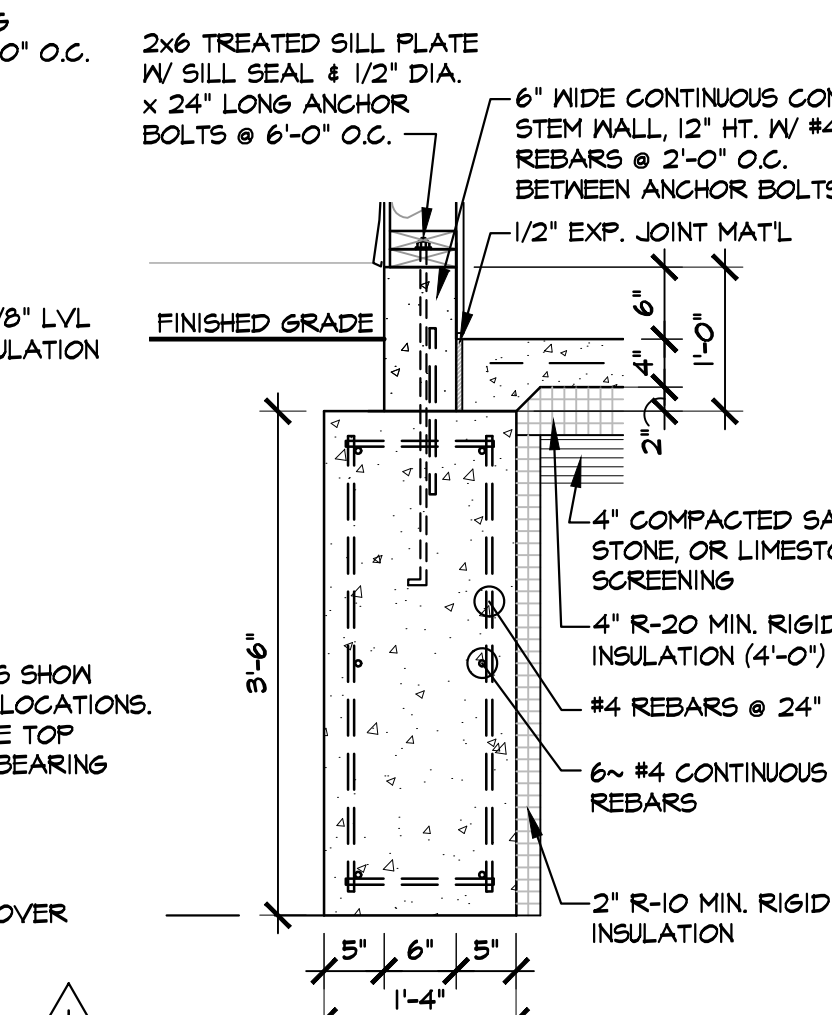


**6 THICKENED SLAB DETAIL**  
SCALE: 3/4" = 1'-0"

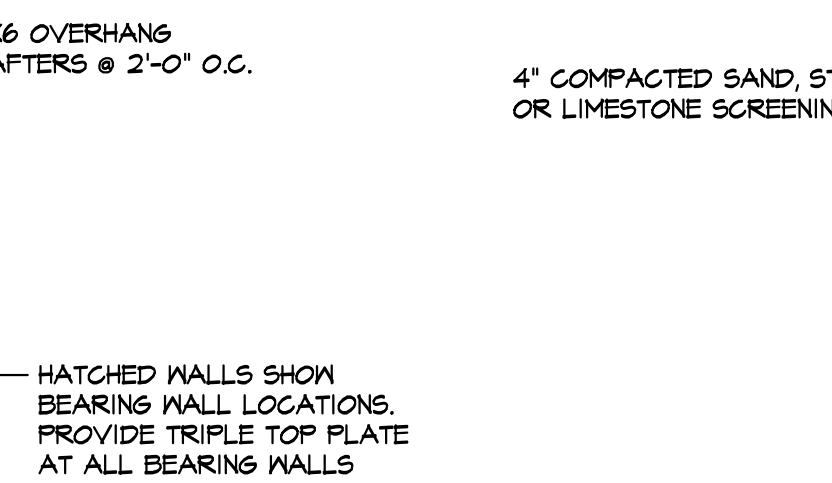


**ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

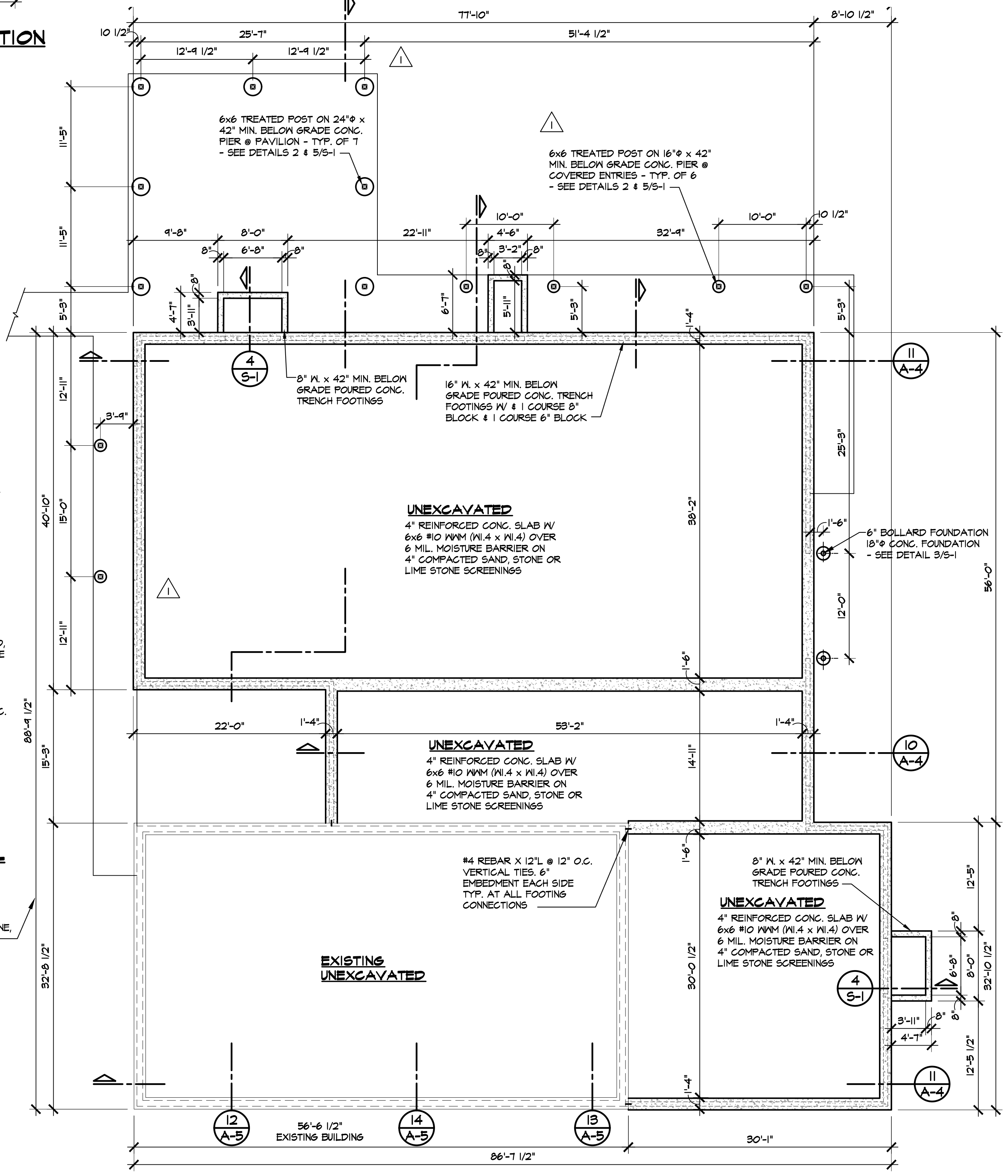
**2 POST FOOTING DETAIL**  
SCALE: 3/4" = 1'-0"



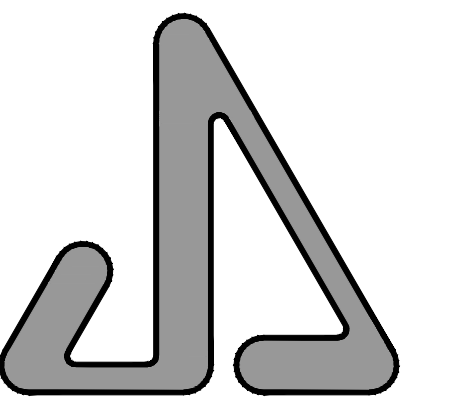
**1 TRENCH FOOTING DETAIL**  
SCALE: 3/4" = 1'-0"



HEADER SCHEDULE		
OPENING (MAX.)	MEMBER SIZE	BEARING
3'-4"	(2) 2X8 SFF #1/#2	1-1/2"
4'-0"	(2) 2X10 SFF #1/#2	3"
5'-4"	(2) 2X12 SFF #1/#2	3"
6'-8"	(2) 2X12 SFF #1/#2	3"
9'-4"	(2) 1-3/4" X 11-1/4" LVL	3"
11'-4"	(2) 1-3/4" X 11-1/4" LVL	3"



**FOUNDATION PLAN**  
SCALE: 1/8" = 1'-0"



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GREENWOOD MAINTENANCE  
BUILDING ADDITION FOR:

MONROE HOUSING  
COMMISSION:  
GREENWOOD  
TOWNHOUSES  
900 GREENWOOD AVENUE  
MONROE, MICHIGAN 48162

PROPERTY CONTACT:  
NANCY WAIN, EXEC. DIRECTOR  
MONROE HOUSING COMMISSION  
20 NORTH ROESSLER STREET  
MONROE, MICHIGAN 48162  
TELEPHONE: (734) 242-5880

**FOUNDATION &  
ROOF FRAMING  
PLANS & DETAILS**

NOT FOR CONSTRUCTION

07-18-2023 ADDENDUM NO.3  
06-23-2023 ADDENDUM NO.1  
06-21-2023 BIDS  
DATE: ISSUED FOR:  
DRAWN: JLM  
REVIEW'D: JSJ  
20222

**S-1**