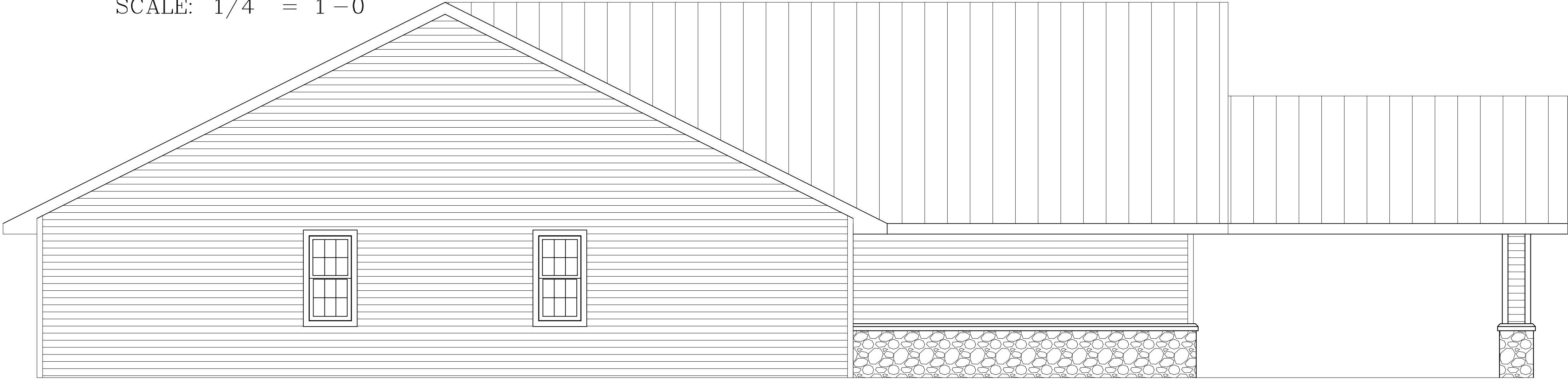


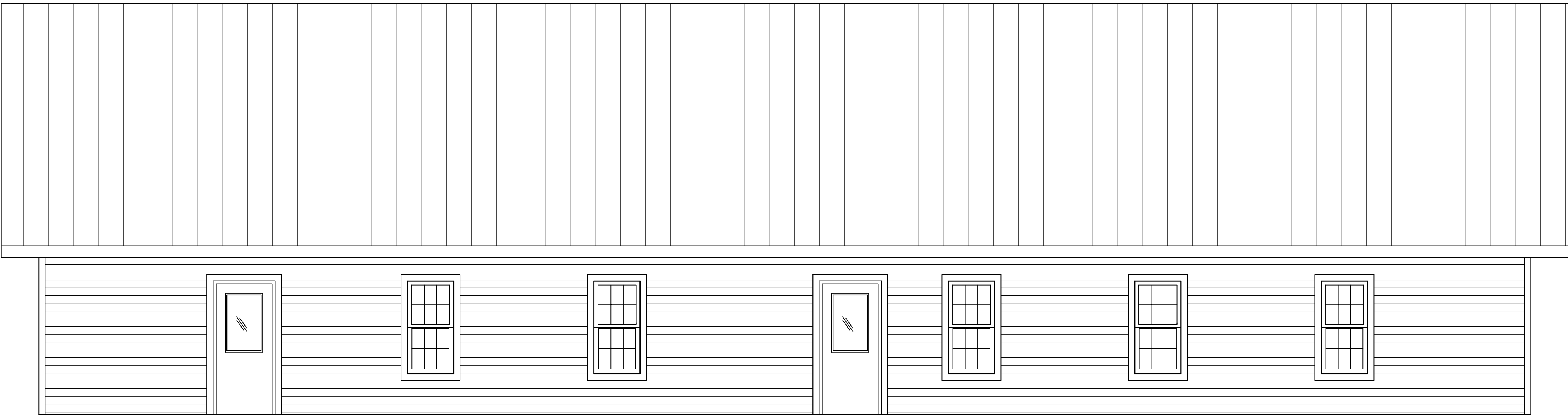
SOUTHEAST ELEVATION

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



SOUTHWEST ELEVATION

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



NORTHWEST ELEVATION

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



NORTHEAST ELEVATION

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

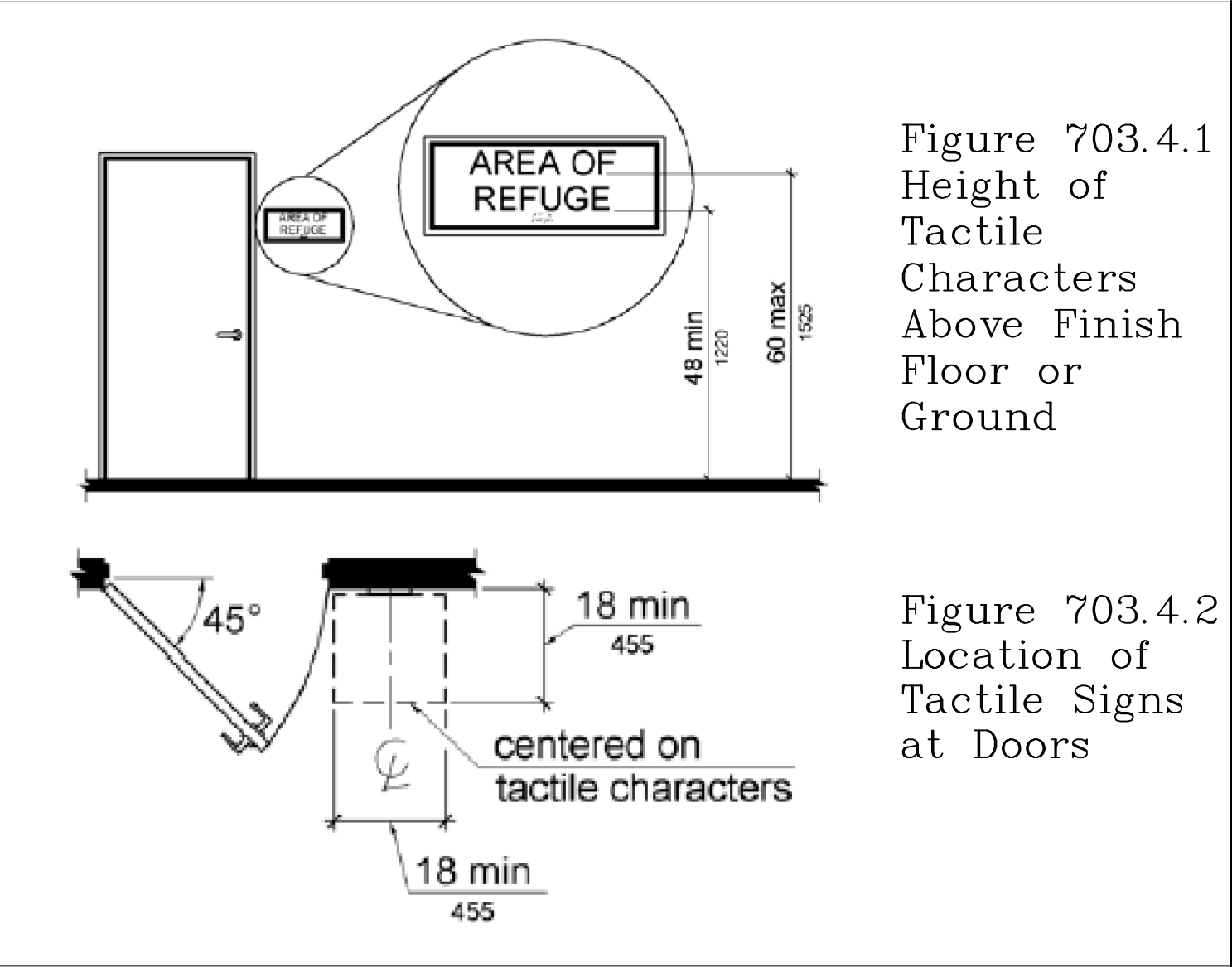
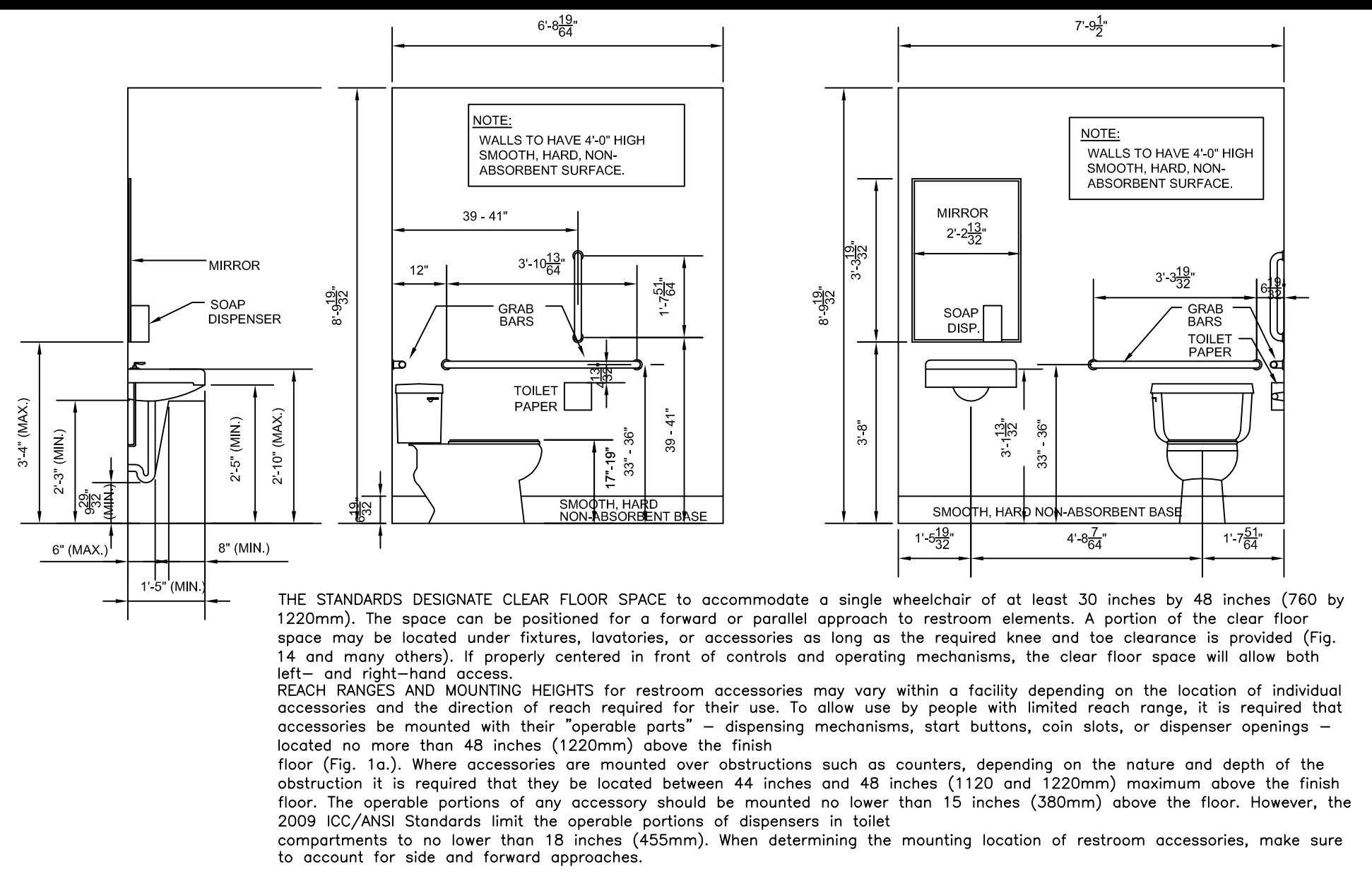
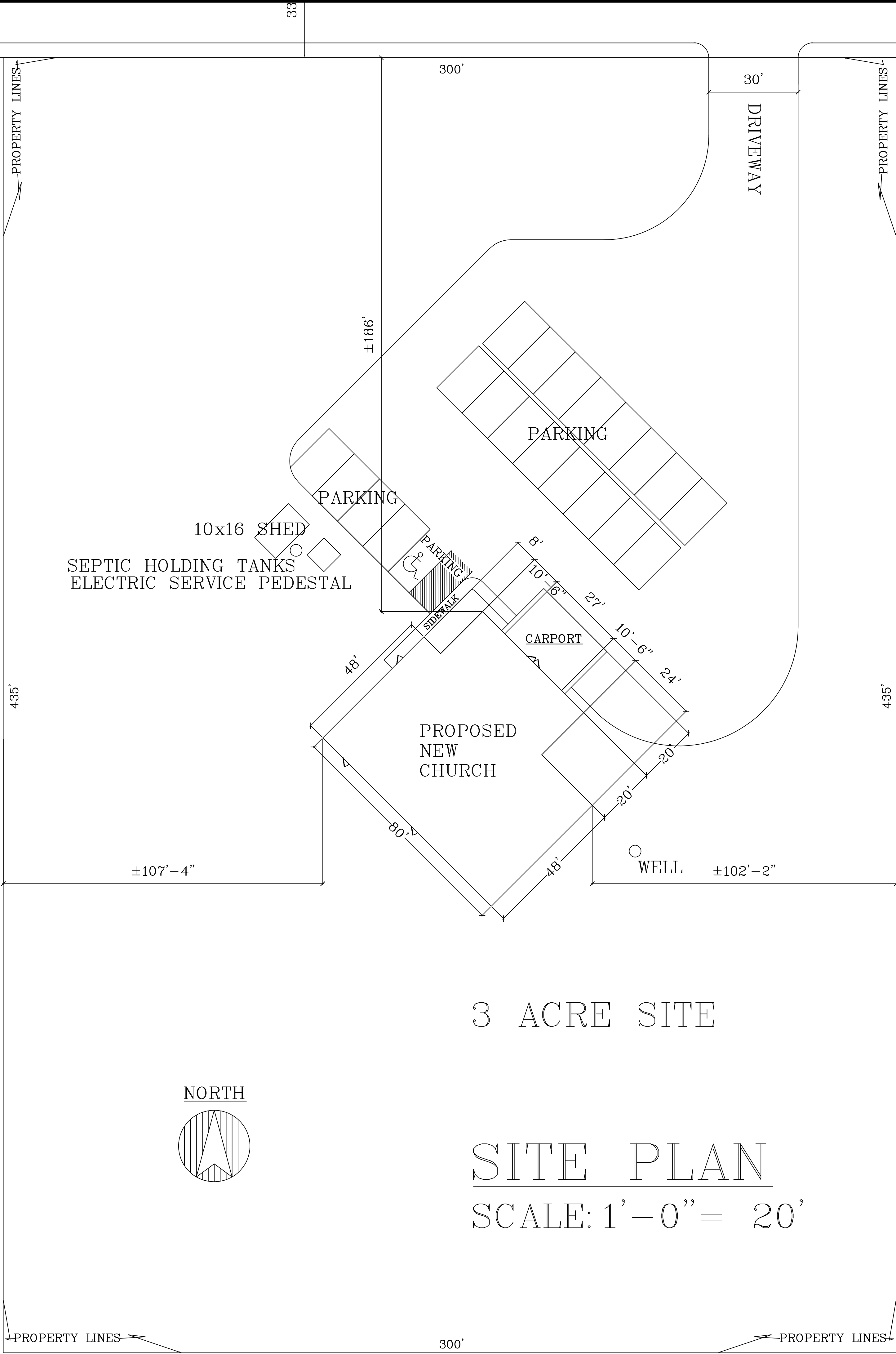


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PROPOSED NEW CHURCH FOR
BETHEL CHRISTIAN BROTHERHOOD
PREHN DRIVE
WAUSAU WI 54401

BESTIMATE LLC
<http://bestimatellc.com>
714 E Ninth St
Marshfield, WI 54449
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HARDWARE NOTES		
*LEVER LOCKSETS TO BE SCHLAGE "AL" LOCKSETS OR EQUAL. *DOORS LABELED PP ARE PUSH PULL HARDWARE AND CLOSERS, AND SHALL NOT LOCK. *ALL RESTROOMS AND EXTERIOR DOORS AND JAMBS TO HAVE NORTON 1604BH "ADA" ACCEPTABLE CLOSERS OR EQUAL. *ALL EXTERIOR DOOR THRESHOLDS SHALL BE "ADA" ACCEPTABLE NOT TO EXCEED 1/2" HIGH. / *ALL EXTERIOR DOORS SHALL BE FULLY WEATHERSTRIPPED WITH SWEEPS.		
CONSTRUCTION NOTES		
NOTE: THE ATTIC MUST BE SEPARATED INTO SMOKE COMPARTMENTS NOT TO EXCEED 3200 SF, EACH OF WHICH MUST HAVE A20" X 30" SELF CLOSING ATTIC ACCESS WITH MINIMUM 30" CLEAR HEADROOM NOTE: Building Owner will provide a separate room or designated space within or adjacent to the building for the separation, temporary storage and collection of recyclable materials that are likely to be generated by the building occupants. Flammable or combustible material storage shall comply with ch. SPS 314. Flammable or combustible liquid storage shall comply with ch. SPS 310.		
CODE NOTES		
OCCUPANCY: ASSEMBLY A-3 PLACE OF WORSHIP TYPE VB COMBUSTIBLE UNPROTECTED CLASS OF CONSTRUCTION BUILDING IS 4,800 SF ONE STORY HEATED CONDITIONED UNSPRINKLERED WOOD STUD FRAME BUILDING		
DESIGN LOADS		
SNOW LOAD	GROUND SNOW LOAD (Pg) =	50 PSF
	SNOW EXPOSURE FACTOR (Ce) =	1.0
	SNOW LOAD IMPORTANCE FACTOR (Is) =	1.0
	ROOF THERMAL FACTOR (Ct) =	1.1
	FLAT ROOF SNOW LOAD =	38.5 PSF
	SLOPED ROOF / FLAT ROOF FACTOR (Ps) =	.72
	BALANCED SNOW LOAD =	27.9 PSF
	CANOPY BALANCED SNOW LOAD =	33.2 PSF
	CANOPY DRIFT LOAD AGAINST MAIN BUILDING =	69.4 PSF + 33.2 PSF = 102.6 PSF
	UNBALANCED SNOW LOAD =	8.4 = .3 *Ps
ROOF TRUSS DESIGN	TOP CHORD LIVE LOAD =	38.5 PSF
	TOP CHORD DEAD LOAD =	10 PSF
	BOTTOM CHORD DEAD LOAD =	10 PSF
ULTIMATE WIND PRESSURE	115 MPH WIND, WIND EXPOSURE =	C
	WIND IMPORTANCE FACTOR (I) =	1.0
	BUILDING ENCLOSURE TYPE =	ENCLOSED
	INTERNAL PRESSURE COEFFICIENT =	±.018
	COMPONENT & CLADDING DESIGN PRESSURE =	+29.2, -39.1 PSF
SEISMIC LOAD	SEISMIC IMPORTANCE FACTOR (Ise) =	1
	SITE CLASS =	D
	SEISMIC DESIGN CATEGORY =	A
	SPECTRAL RESPONSE COEFFICIENTS: Sds = 5.0, Sd1 = 4.8%	
CONCRETE REQUIREMENTS	SLAB ON GRADE COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI
	FOOTING FOUNDATIONS COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI
	WALL COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI
	CONCRETE REINFORCING STEEL - Fy (ASTM A615, GRADE 60 =	60000 PSI
	CLASS OF MATERIALS =	4 FIRM
SOILS INFORMATION	ALLOWABLE SOIL BEARING PRESSURE =	3000 PSF
SHEET INDEX		
PAGE	CONTENTS	
1 OF 5	DESIGN LOADS, CONSTRUCTION NOTES, RESTROOM FINISH DETAILS, & SITE PLAN	
2 OF 5	FLOOR PLAN, HEADER SCHEDULE & OCCUPANCY TABLE	
3 OF 5	FOUNDATION PLAN & DETAILS	
4 OF 5	ELEVATIONS	
5 OF 5	CROSS SECTIONS & DETAILS	

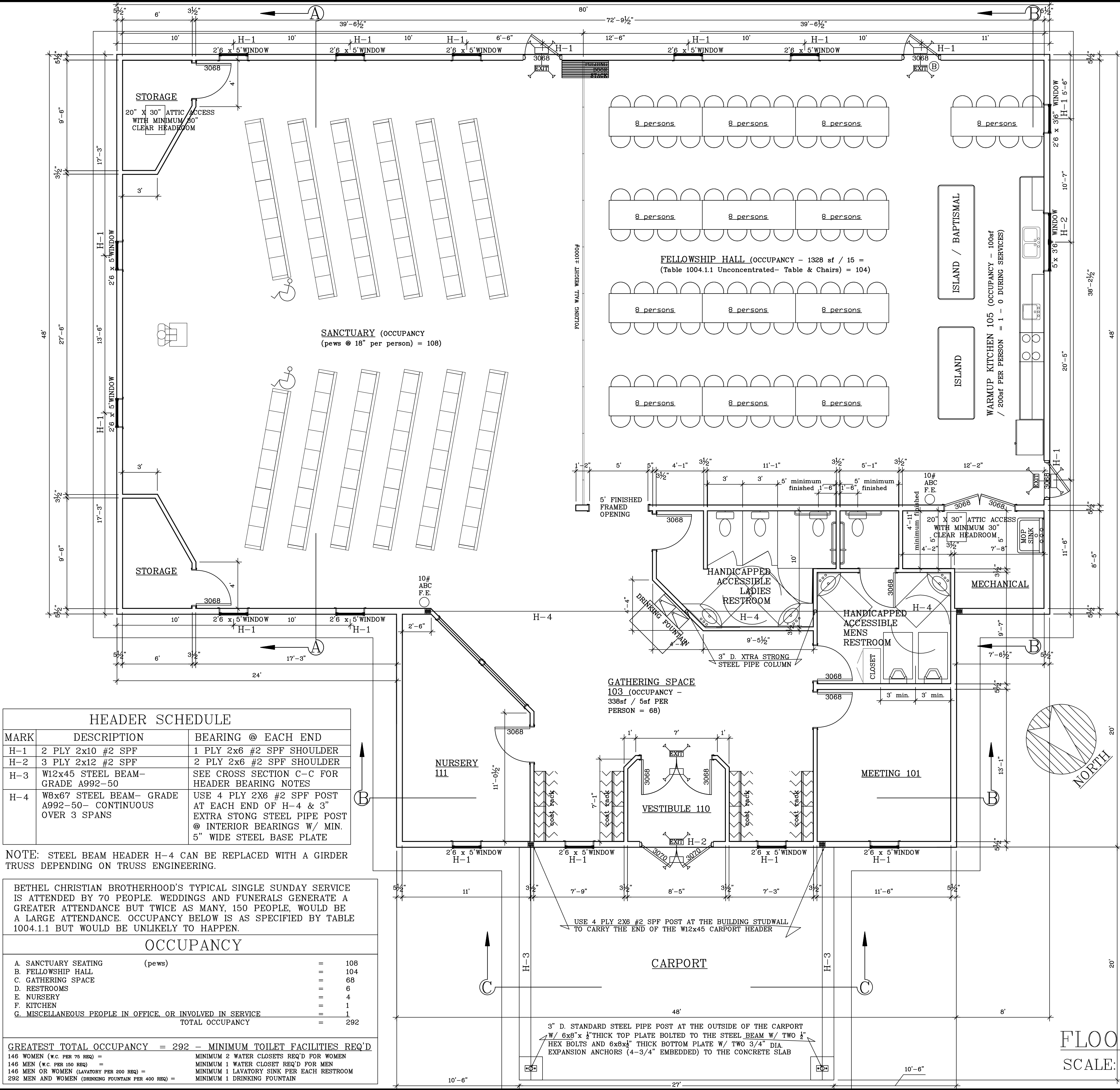
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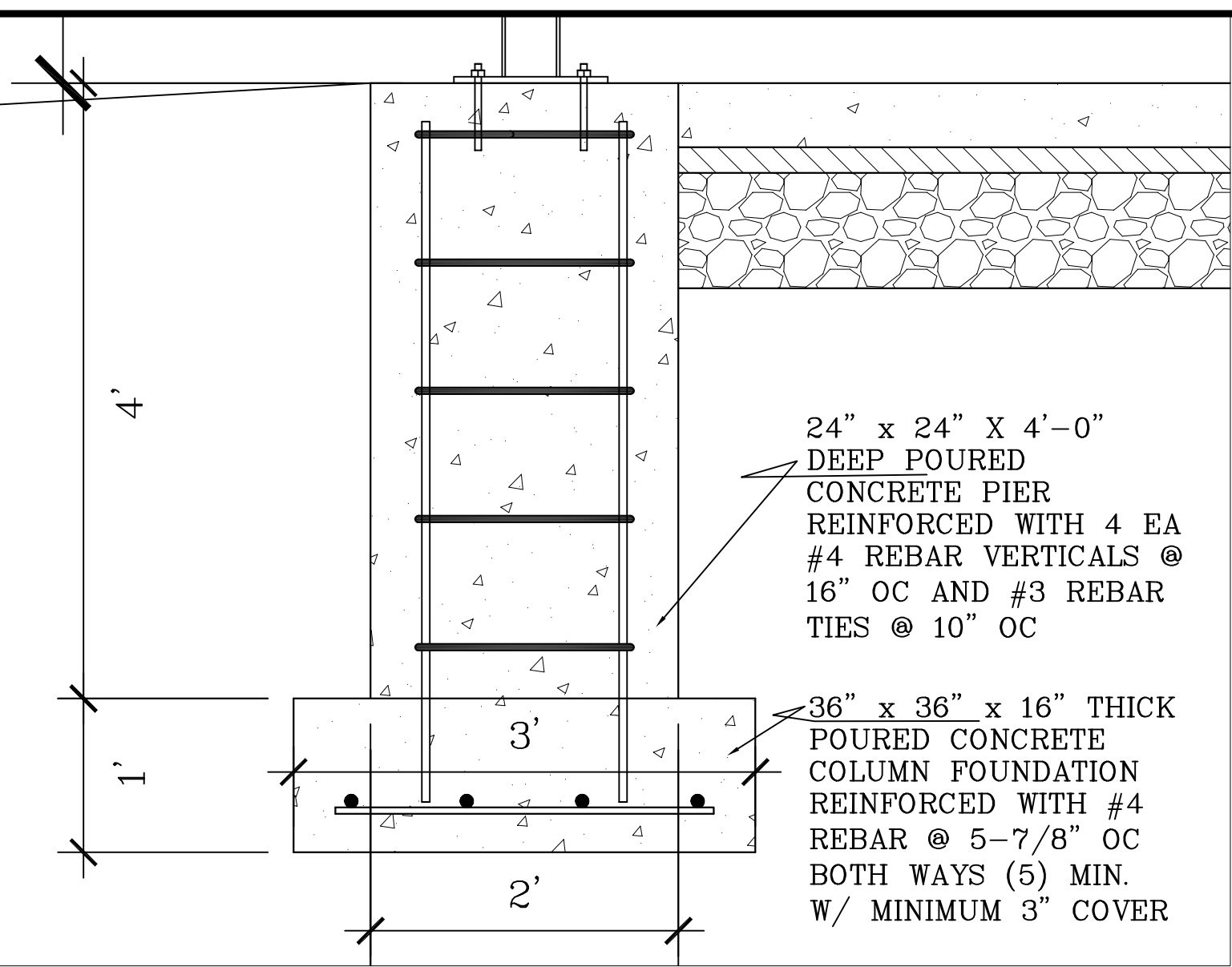
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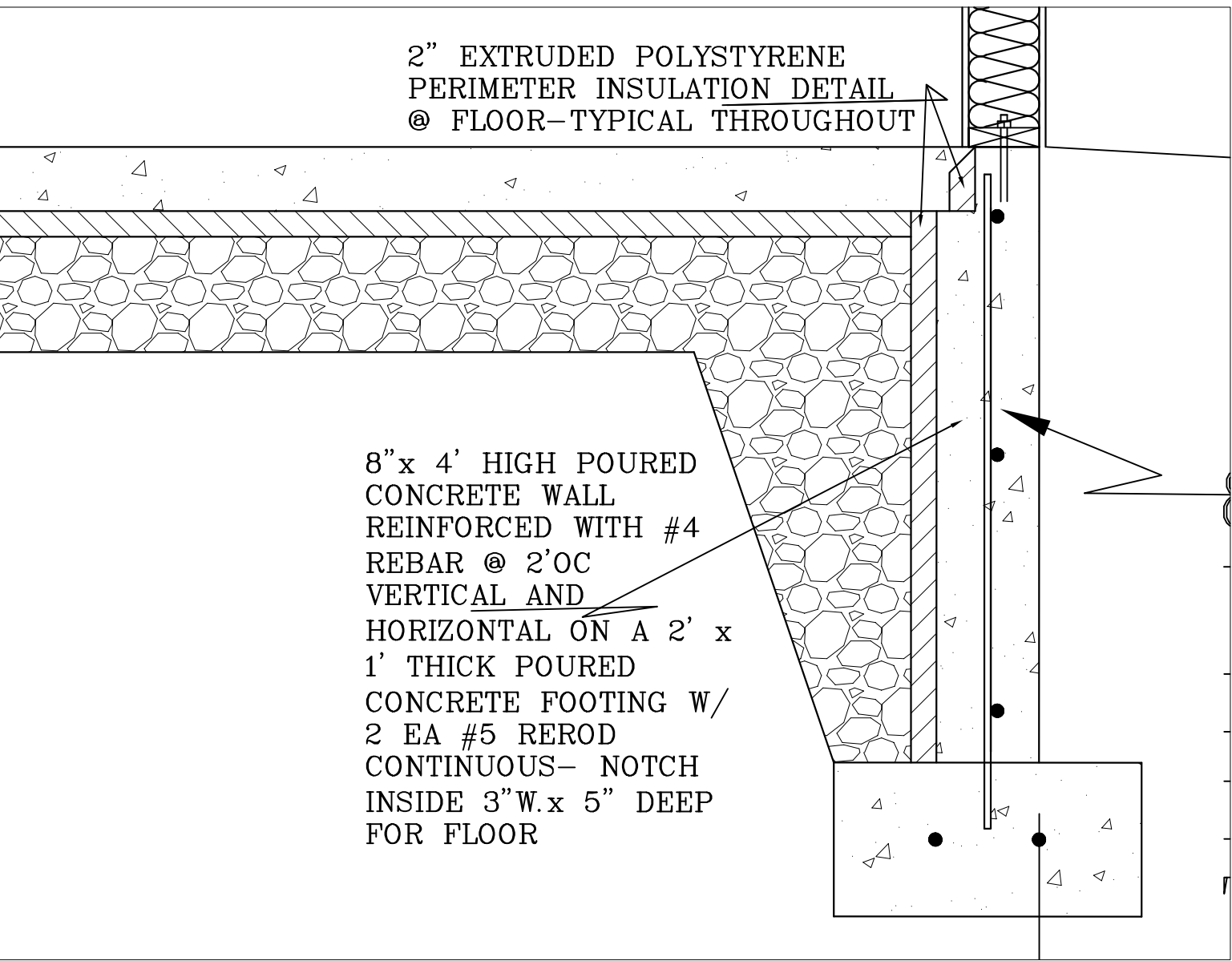
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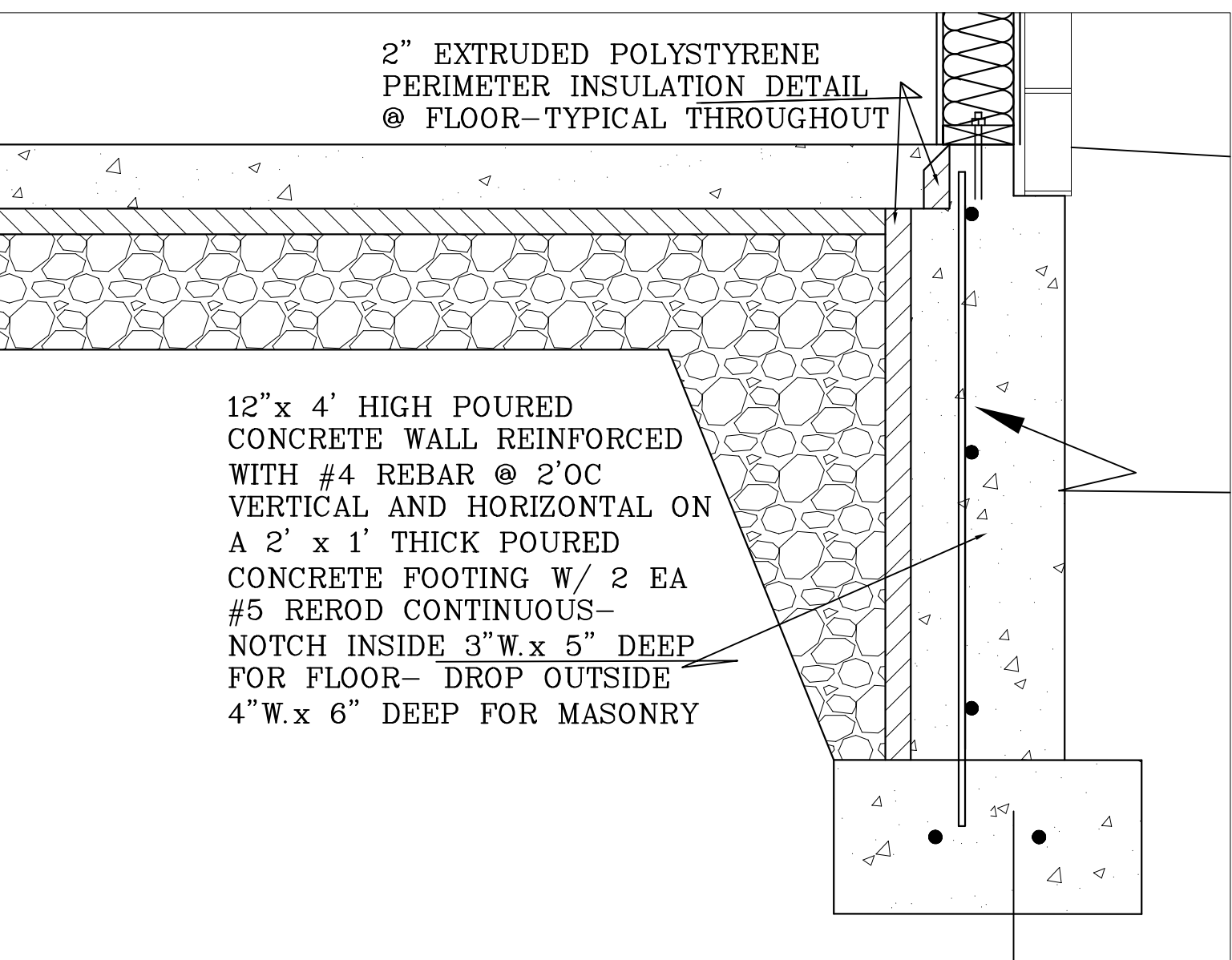


CARPORT PIER DETAIL D

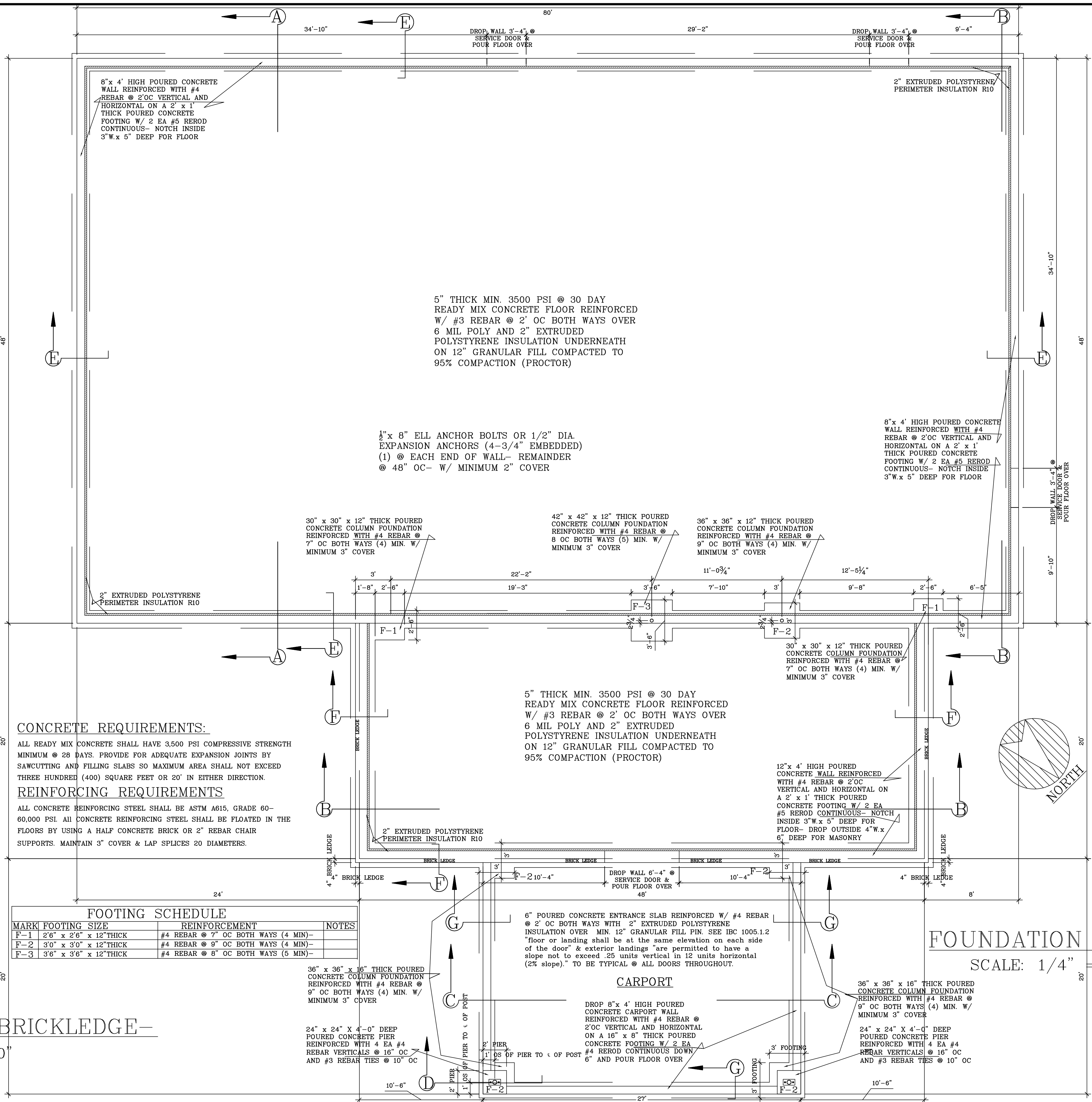
SCALE: 1" = 1'-0"



8" CONCRETE WALL & FOOTING-
DETAIL E SCALE: 1" = 1'-0"



CONCRETE WALL & FOOTING W/ BRICKLEDGE-
DETAIL F SCALE: 1" = 1'-0"



CONCRETE REQUIREMENTS:

ALL READY MIX CONCRETE SHALL HAVE 3,500 PSI COMPRESSIVE STRENGTH MINIMUM @ 28 DAYS. PROVIDE FOR ADEQUATE EXPANSION JOINTS BY SAWCUTTING AND FILLING SLABS SO MAXIMUM AREA SHALL NOT EXCEED THREE HUNDRED (400) SQUARE FEET OR 20' IN EITHER DIRECTION.

REINFORCING REQUIREMENTS

ALL CONCRETE REINFORCING STEEL SHALL BE ASTM A615, GRADE 60-60,000 PSI. ALL CONCRETE REINFORCING STEEL SHALL BE FLOATED IN THE FLOORS BY USING A HALF CONCRETE BRICK OR 2" REBAR CHAIR SUPPORTS. MAINTAIN 3" COVER & LAP SPLICES 20 DIAMETERS.

FOOTING SCHEDULE			
MARK	FOOTING SIZE	REINFORCEMENT	NOTES
F-1	2'6" x 2'6" x 12" THICK	#4 REBAR @ 7" OC BOTH WAYS (4 MIN)-	
F-2	3'0" x 3'0" x 12" THICK	#4 REBAR @ 9" OC BOTH WAYS (4 MIN)-	
F-3	3'6" x 3'6" x 12" THICK	#4 REBAR @ 8" OC BOTH WAYS (5 MIN)-	

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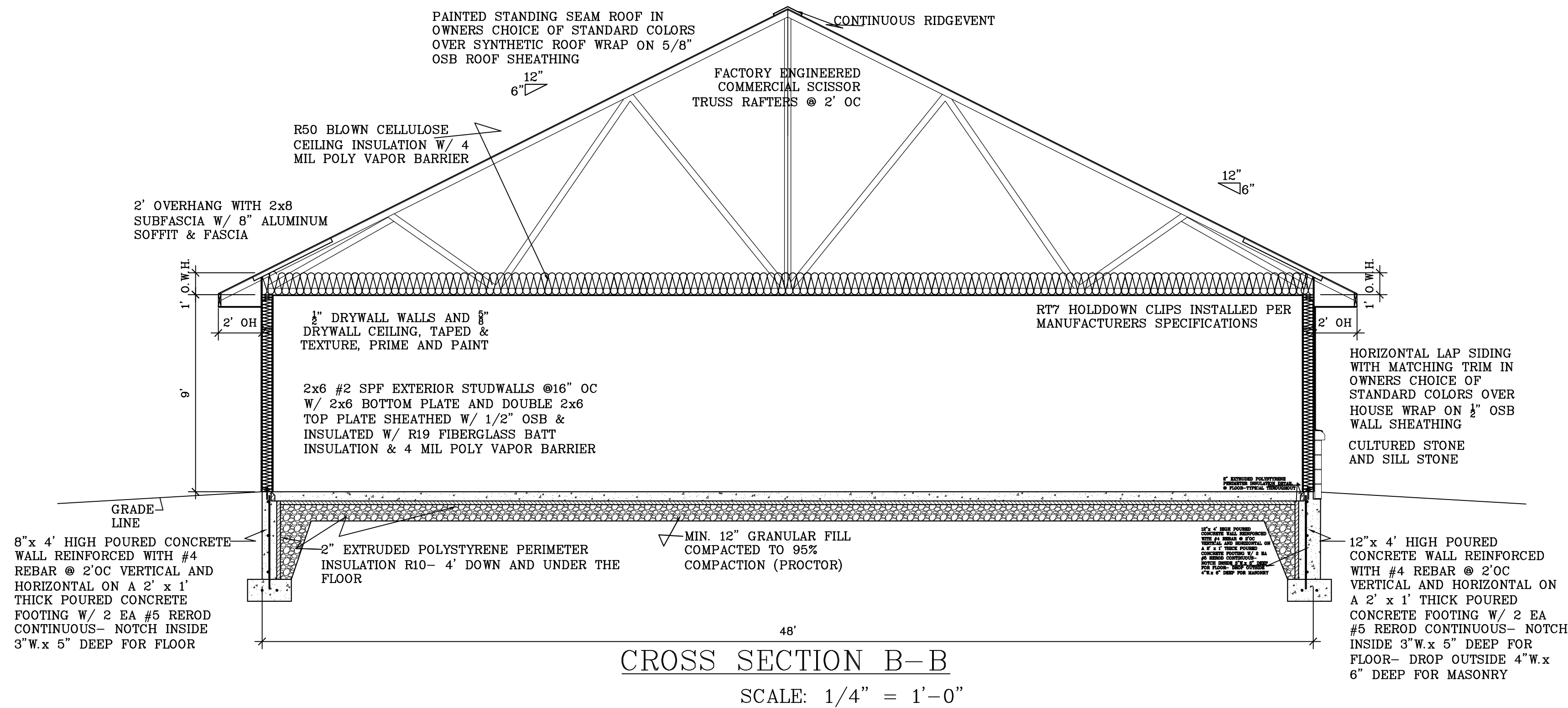
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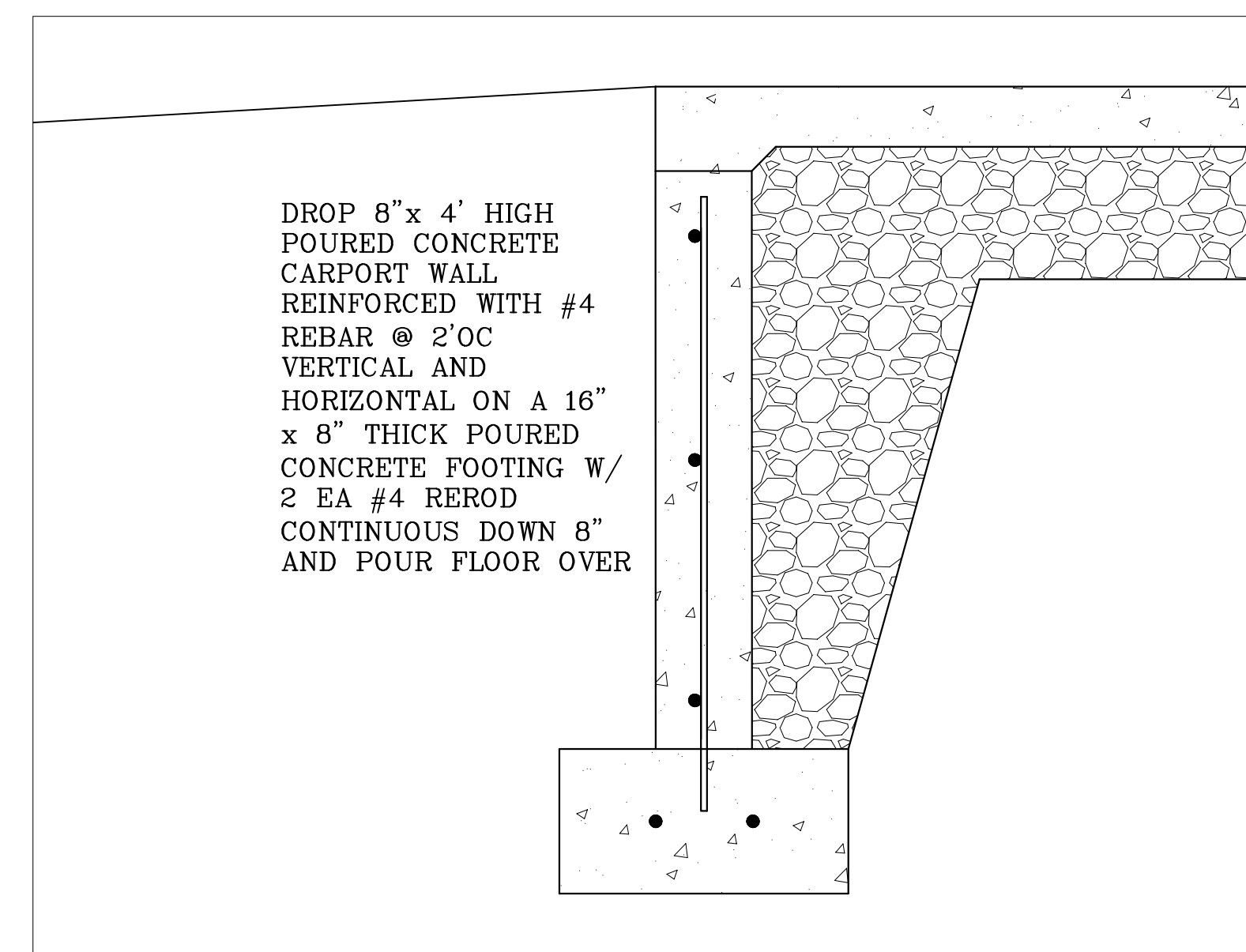
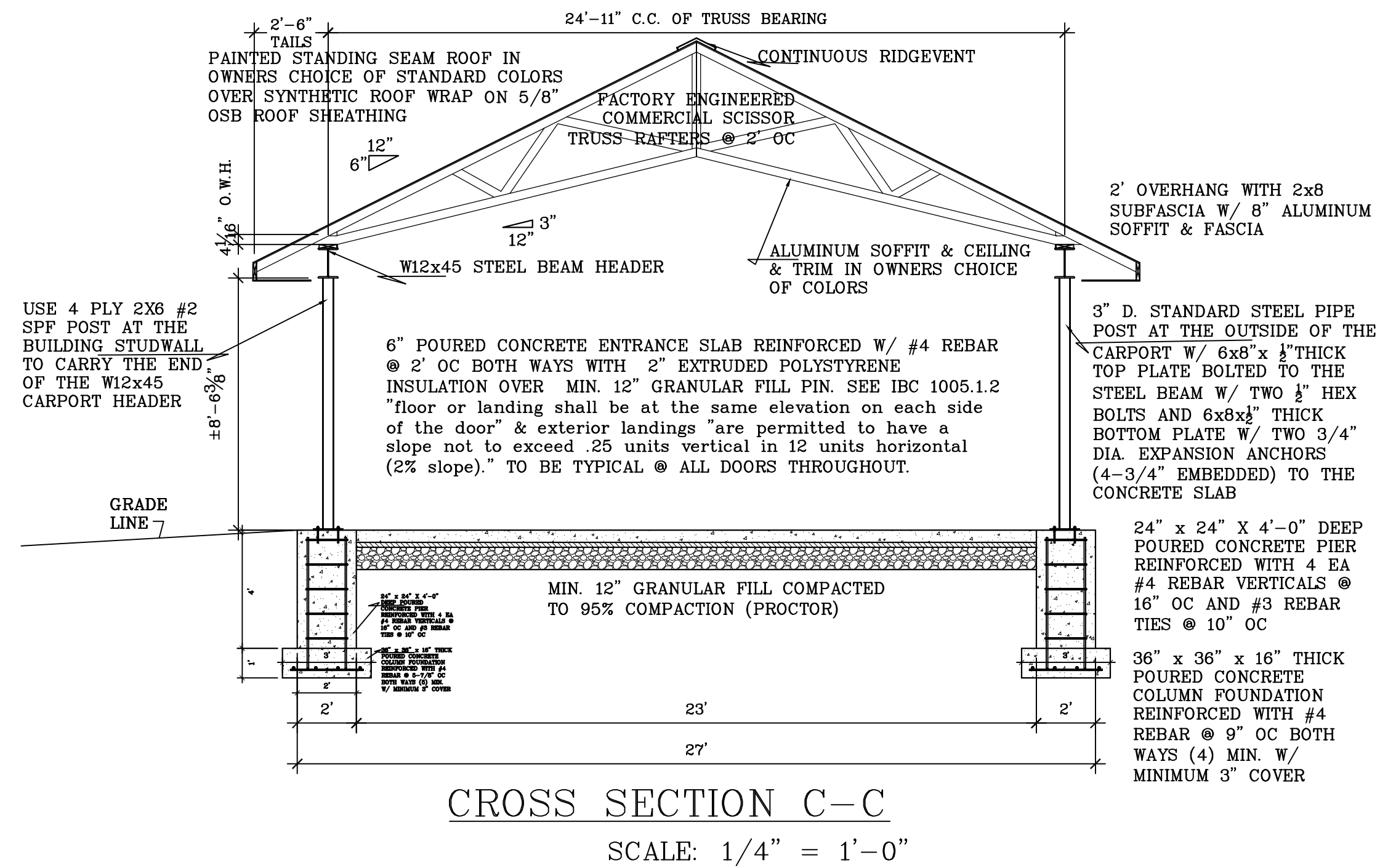
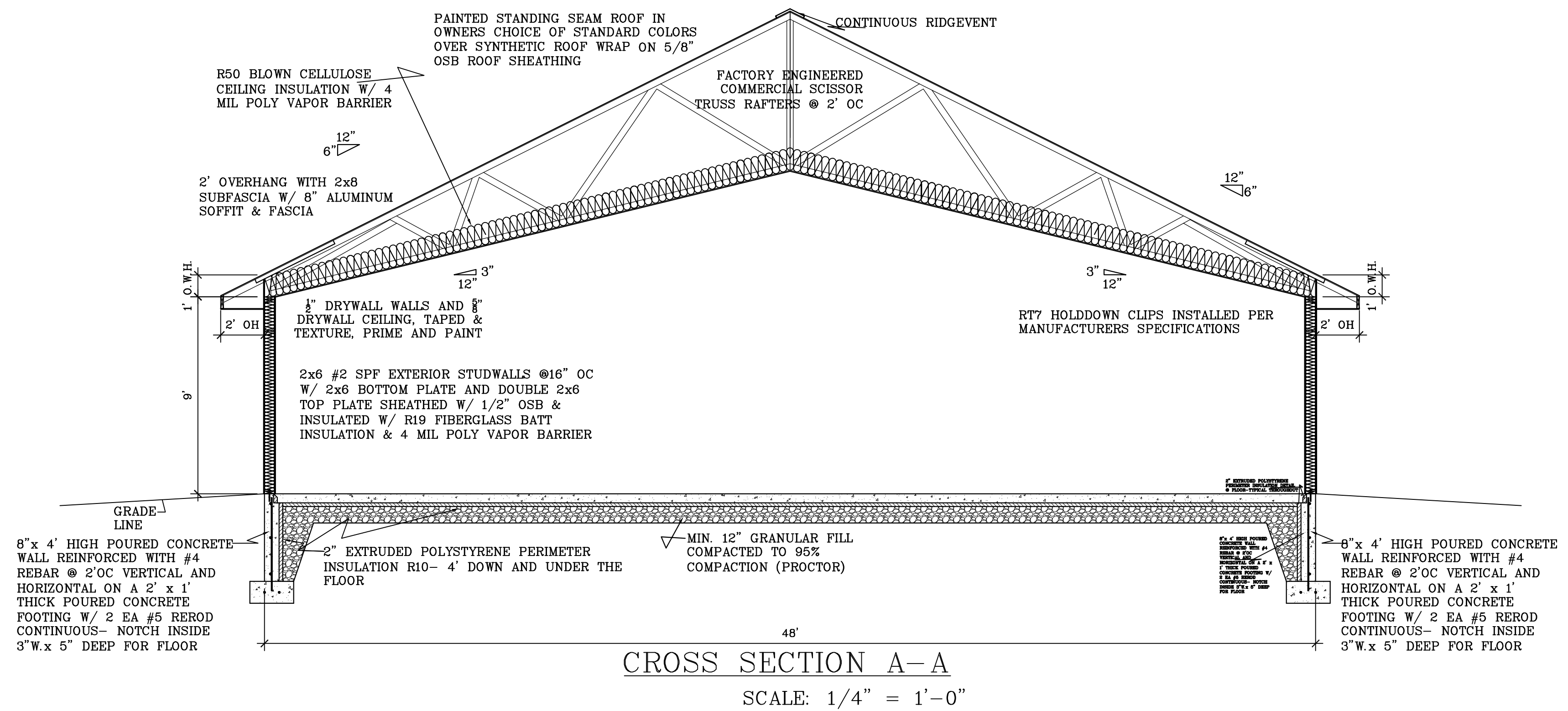
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• NOTE: The blown-in or sprayed insulation installer shall provide identification markers that are labeled in inches or millimeters installed at least one for every 300 square feet throughout the attic space. The markers shall be affixed to the trusses or joists and marked with the minimum initial installed thickness and the minimum settled thickness with the numbers a minimum of 1" in height. Each marker shall face the attic access opening. The thickness of the installed insulation shall meet or exceed the minimum installed thickness shown on the marker.



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