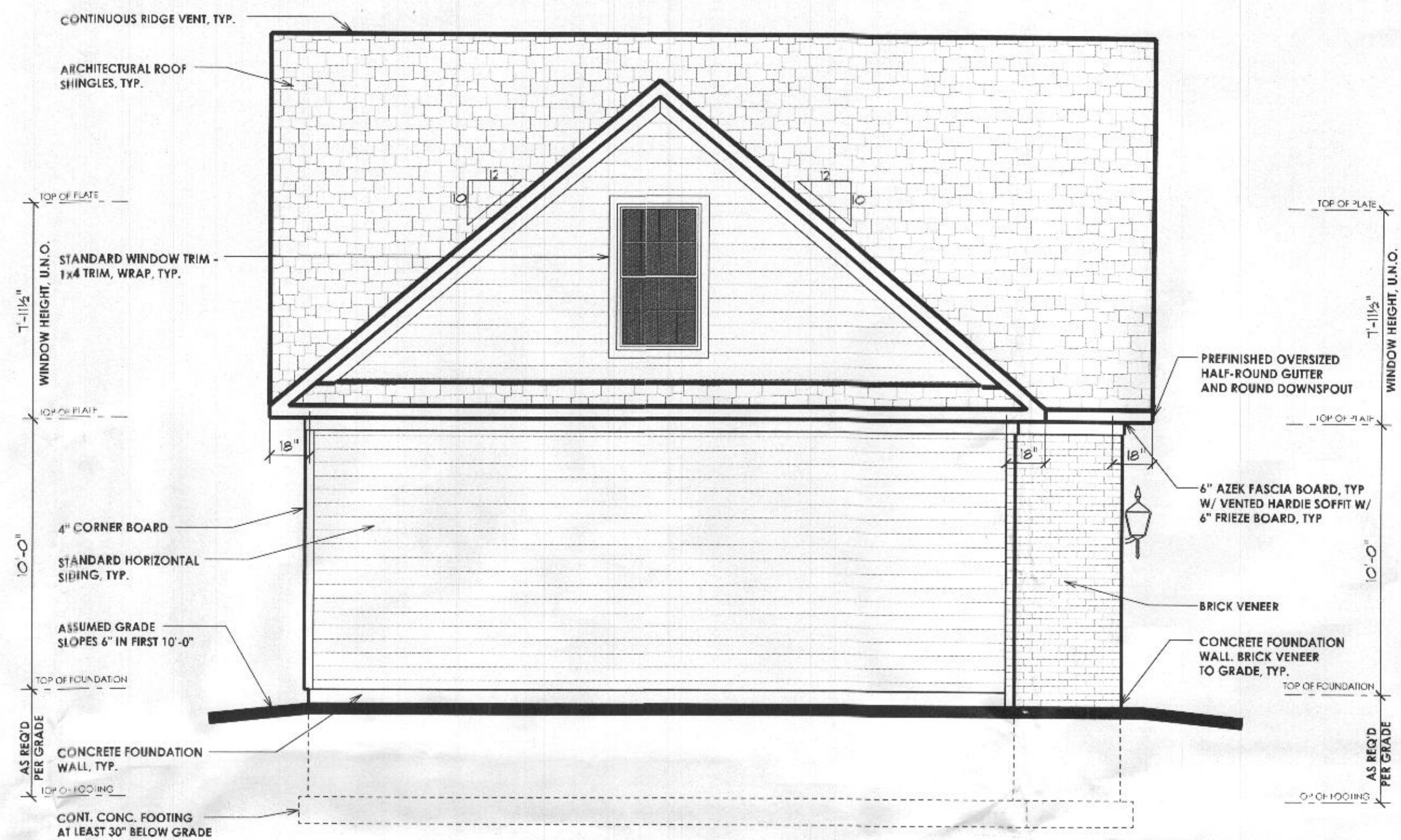




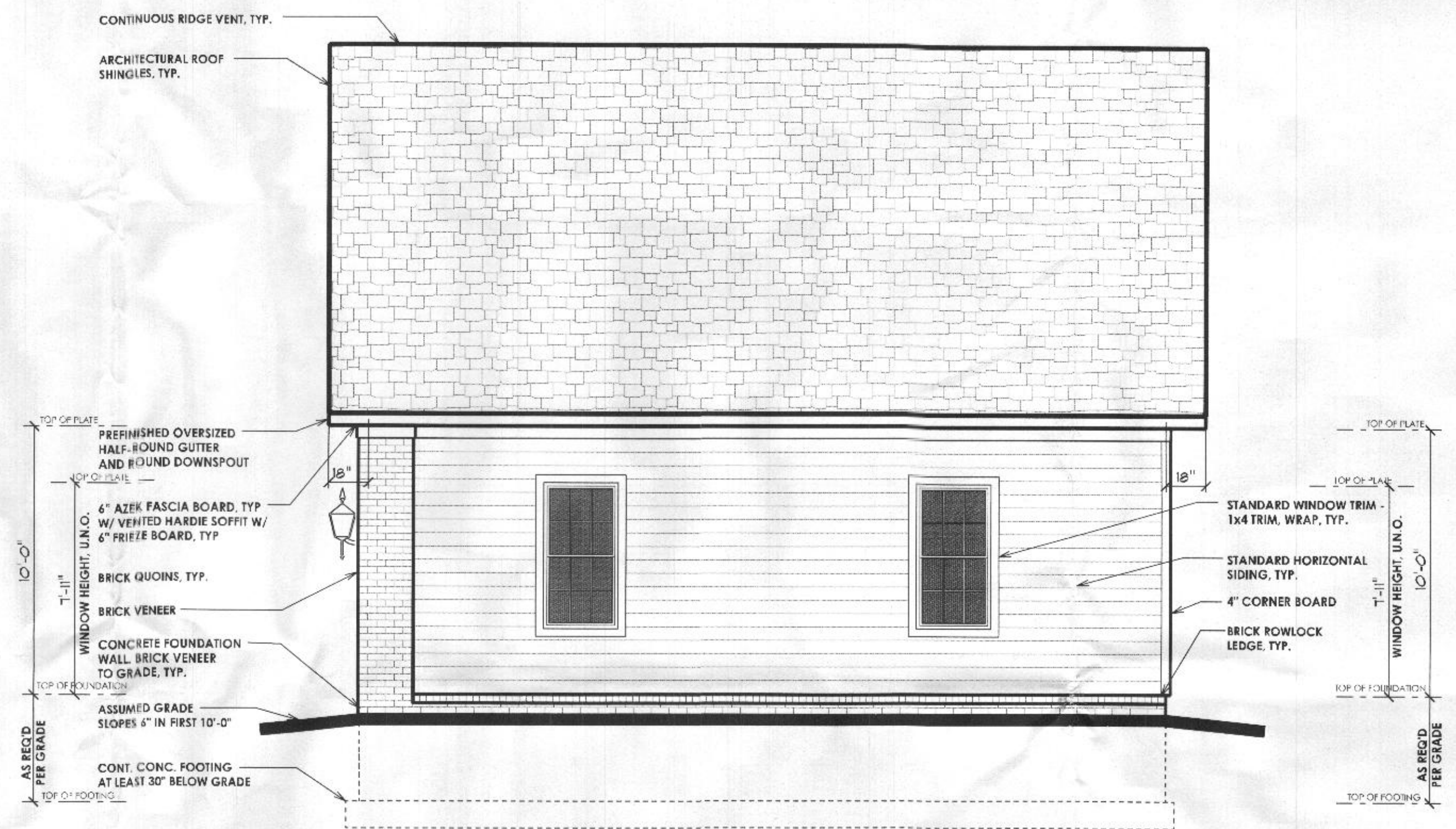
**FRONT ELEVATION**



**LEFT ELEVATION**



**REAR ELEVATION**



**RIGHT ELEVATION**



**BUILDER OF RECORD:**  
**INEX CONSTRUCTION**  
 17010 Hardy Road  
 Mt. Airy, Maryland 21771  
 410-259-7132 office  
 MHIC# 94872

**CONTACT:**  
**DAVE MATHIAS**  
 410-371-1261  
 inexconstruction@comcast.net

**PROPOSED GARAGE**  
**GALLAGHER RESIDENCE**  
 1320 Saint Michaels Road  
 Mount Airy, Maryland 21771

**ISSUE DATE**

3-10-22	PERMIT SET

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

**ELEVATIONS**  
**1.01**  
 PRINT DATE:  
 Wednesday, March 30, 2022

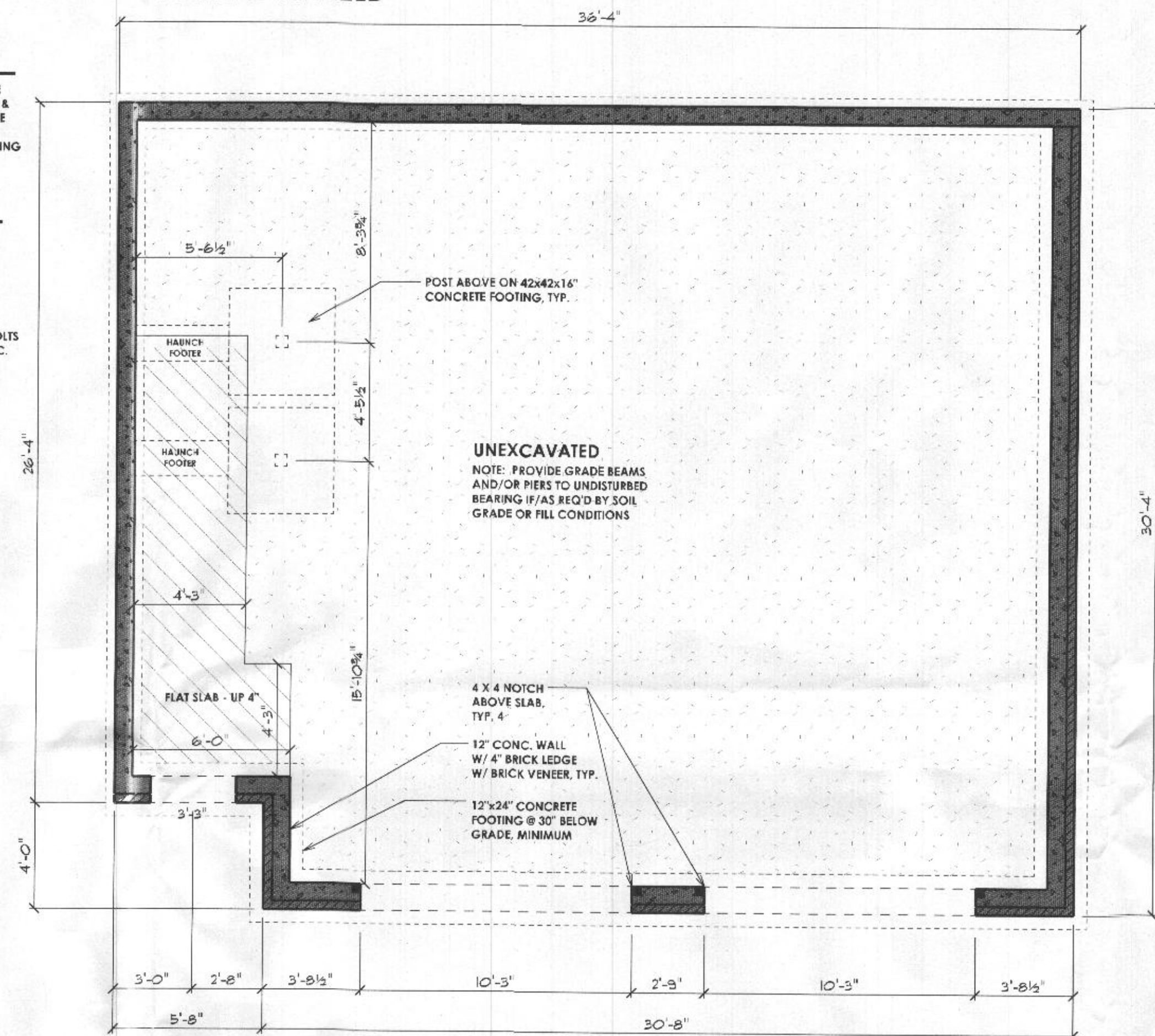
**ALL DIMENSIONS TO BE VERIFIED IN FIELD**

**TYPICAL GARAGE FOUNDATION WALL**

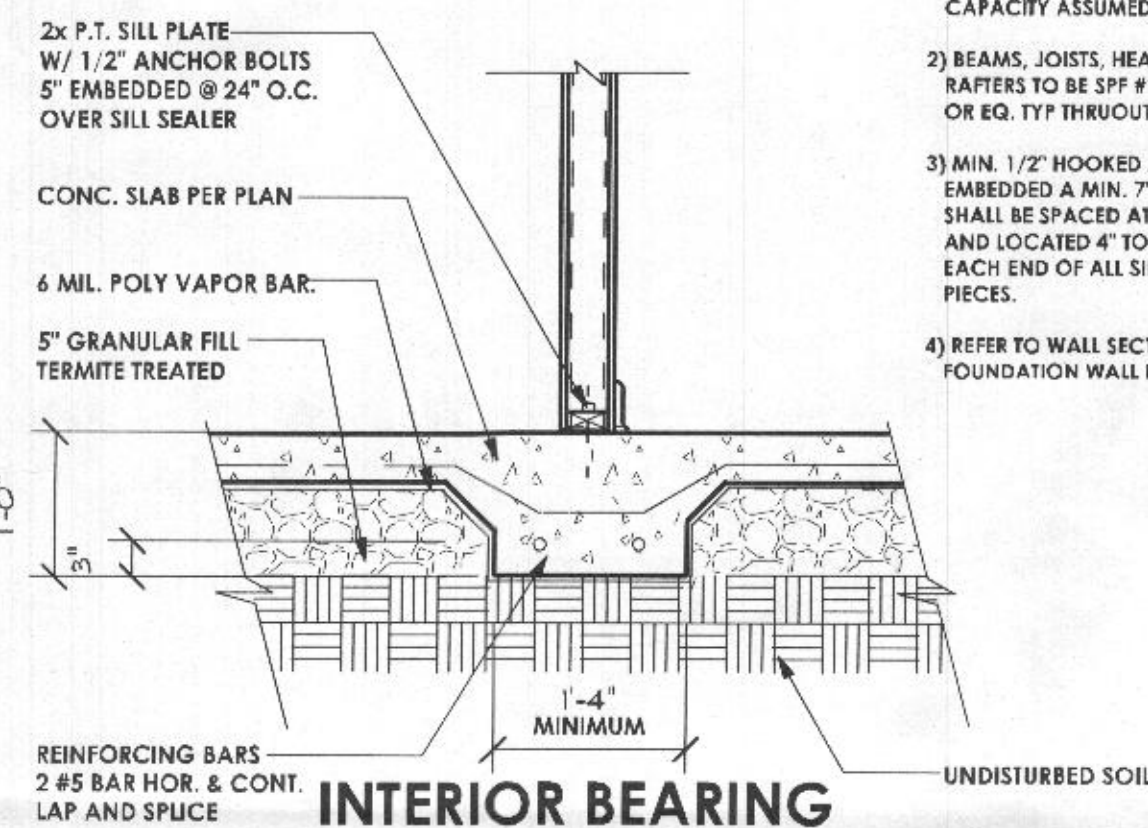
MIN. 8" REINFORCED CONCRETE FOUNDATION WALL (THICKNESS & REINFORCING PER SOIL & GRADE CONDITIONS & CODE). MIN. 8"x14" CONTINUOUS FOOTING

**FOUNDATION NOTES**

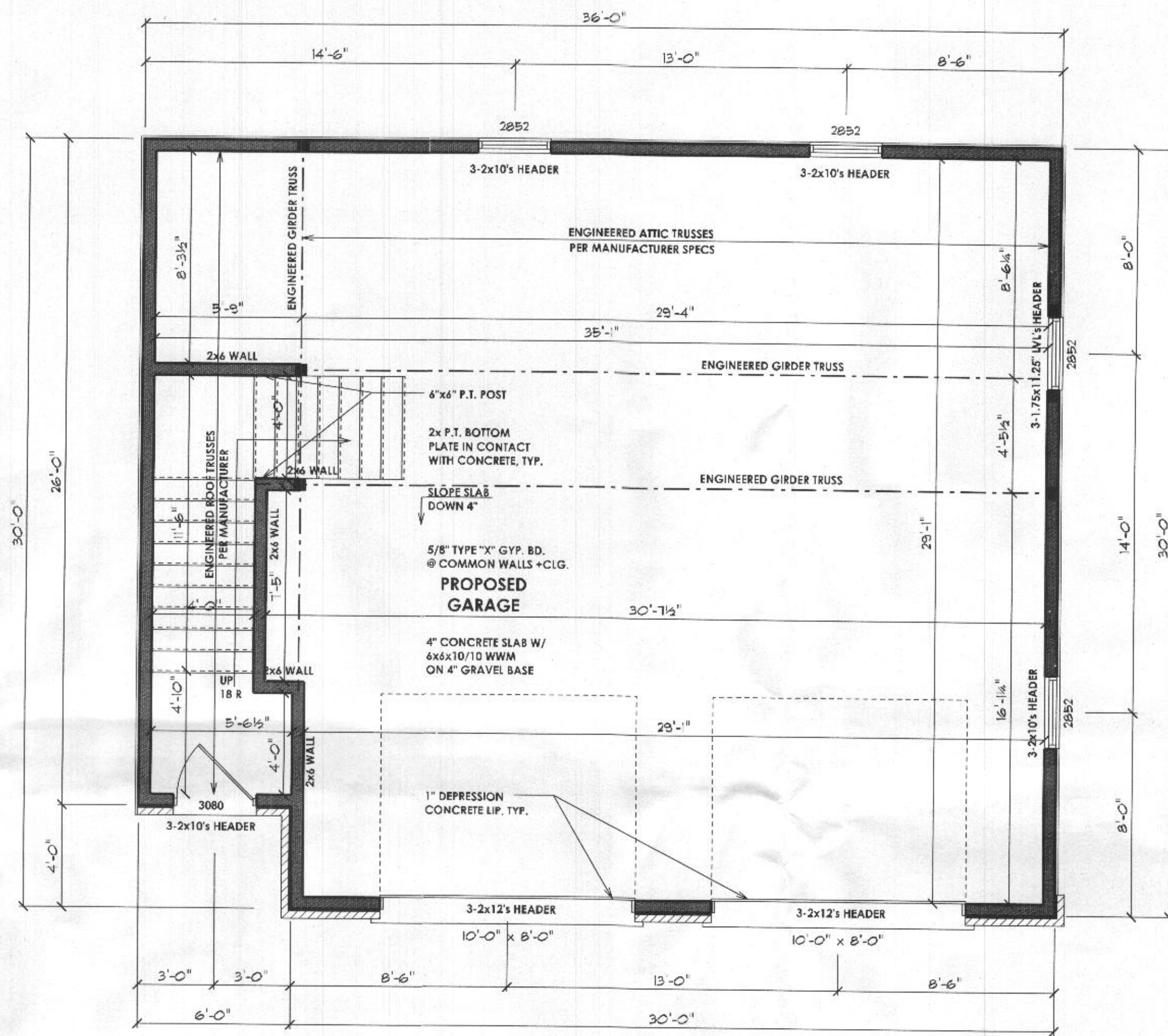
- 1) 2000 PSF MIN SOIL BEARING CAPACITY ASSUMED
- 2) BEAMS, JOISTS, HEADERS & RAFTERS TO BE SPF #1/#2 OR EQ. TYP THROUGH G.N.O.
- 3) MIN. 1/2" HOOKED ANCHOR BOLTS EMBEDDED A MIN. 7" INTO CONC. SHALL BE SPACED AT 4' O.C. AND LOCATED 4" TO 12" FROM EACH END OF ALL SILL PLATE PIECES.
- 4) REFER TO WALL SECTION(S) FOR FOUNDATION WALL DETAILS.



**FOUNDATION PLAN**



**INTERIOR BEARING**

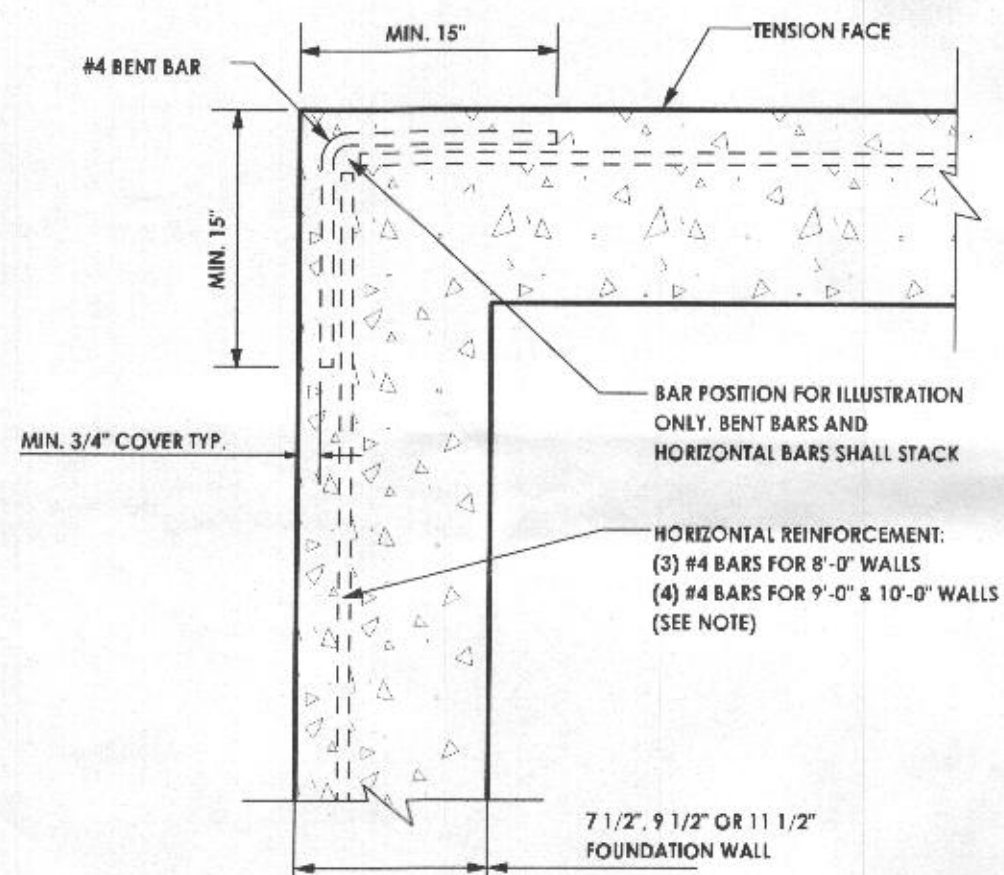


**ALL DIMENSIONS TO BE VERIFIED IN FIELD**

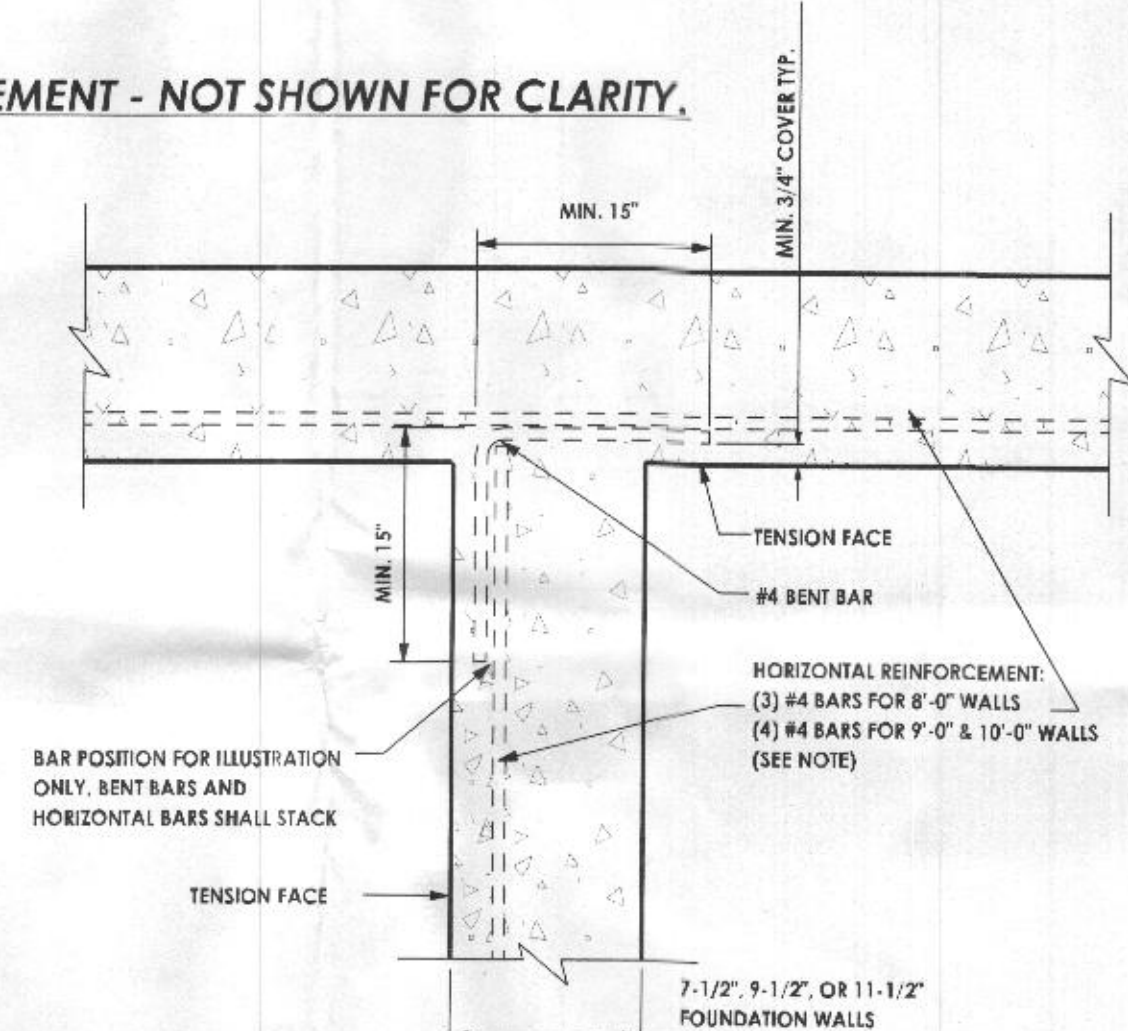
TYPICAL HOUSE BOX - 2x6 EXTERIOR WALL  
TYPICAL METHOD OF WALL CONSTRUCTION - R602.10.5  
CONTINUOUSLY SHEATHED - WOOD STRUCTURAL PANEL

**FIRST FLOOR PLAN**

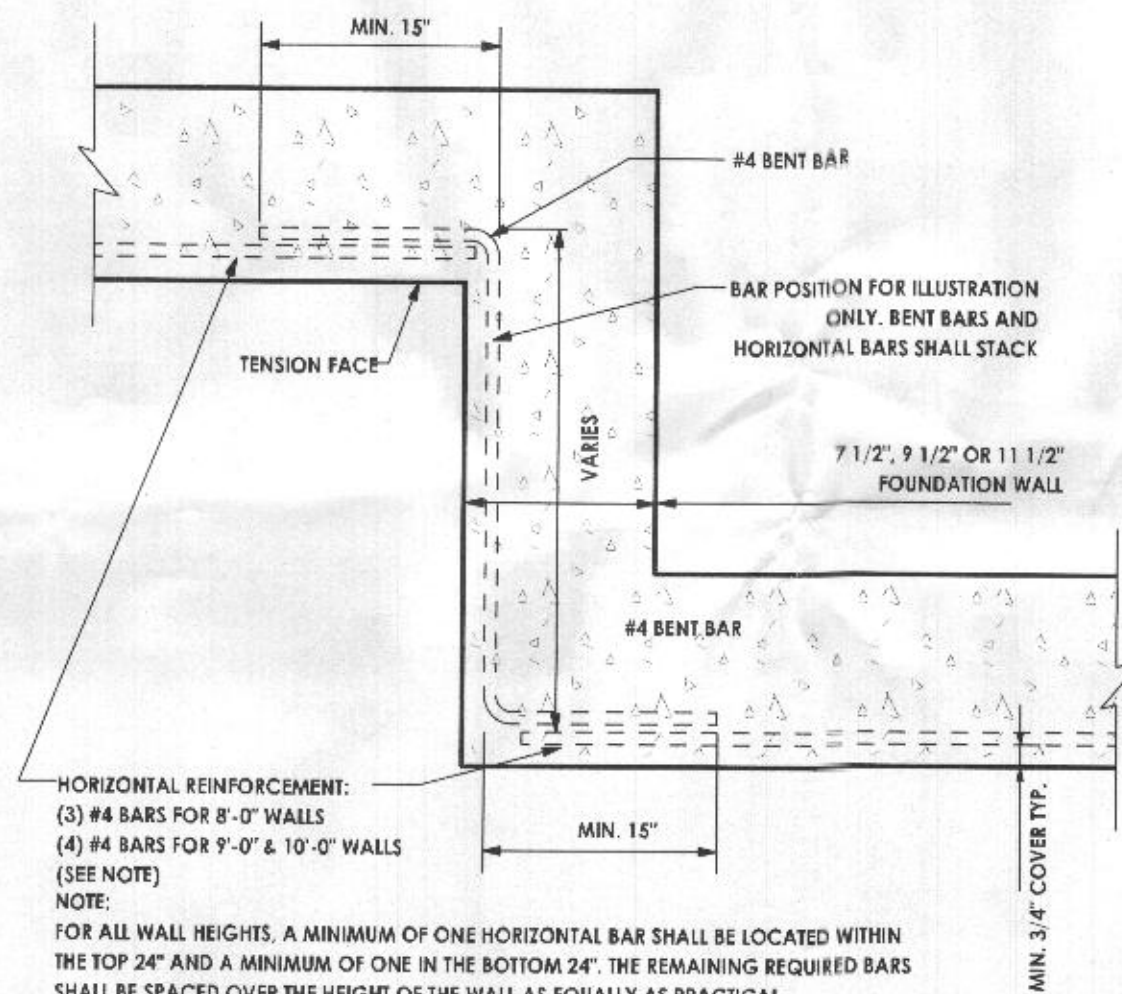
**\*\*\*VERTICAL REINFORCEMENT - NOT SHOWN FOR CLARITY.**



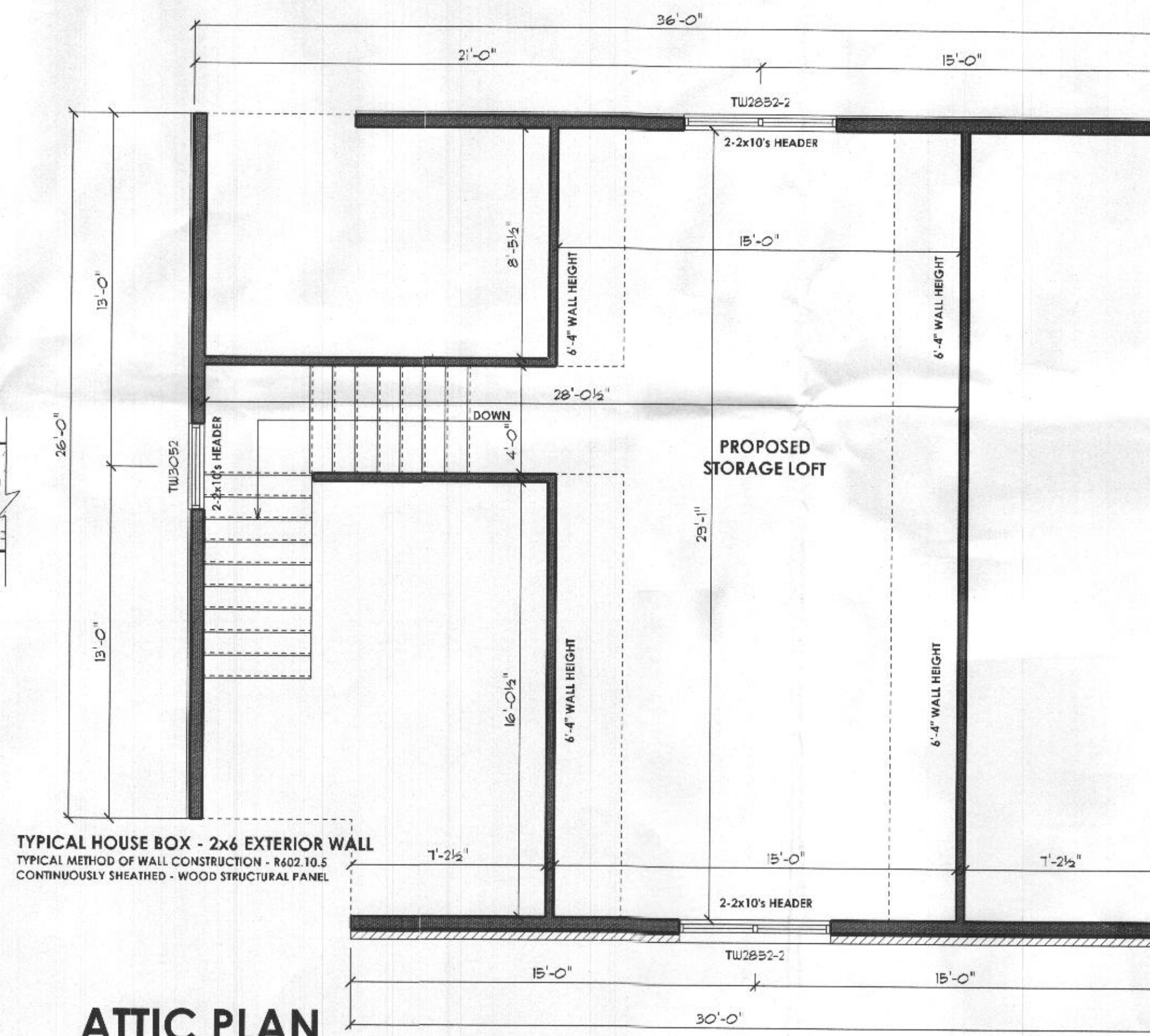
**TYPICAL CORNER REINFORCING UNO**



**TYPICAL REINFORCING AT "T" INTERSECTIONS - UNO**



**TYPICAL REINFORCING AT "Z" INTERSECTIONS - UNO**



TYPICAL HOUSE BOX - 2x6 EXTERIOR WALL  
TYPICAL METHOD OF WALL CONSTRUCTION - R602.10.5  
CONTINUOUSLY SHEATHED - WOOD STRUCTURAL PANEL

**ATTIC PLAN**



**CONTACT: BUILDER OF RECORD:**  
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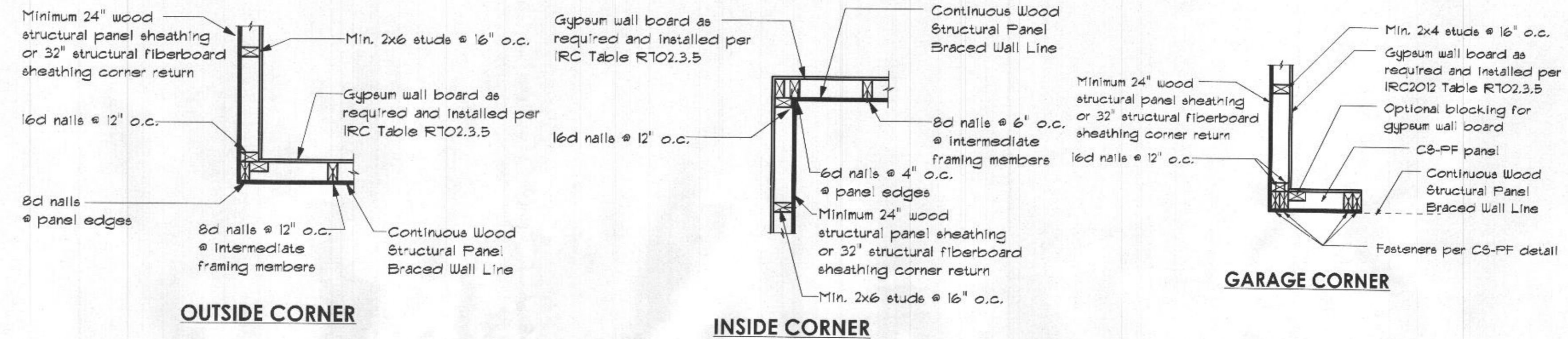
SCALE: 1/4" = 1'-0"

FLOORPLANS

**2.01**

PRINT DATE: Wednesday, March 30, 2022

## EXTERIOR CORNER WALL DETAILS



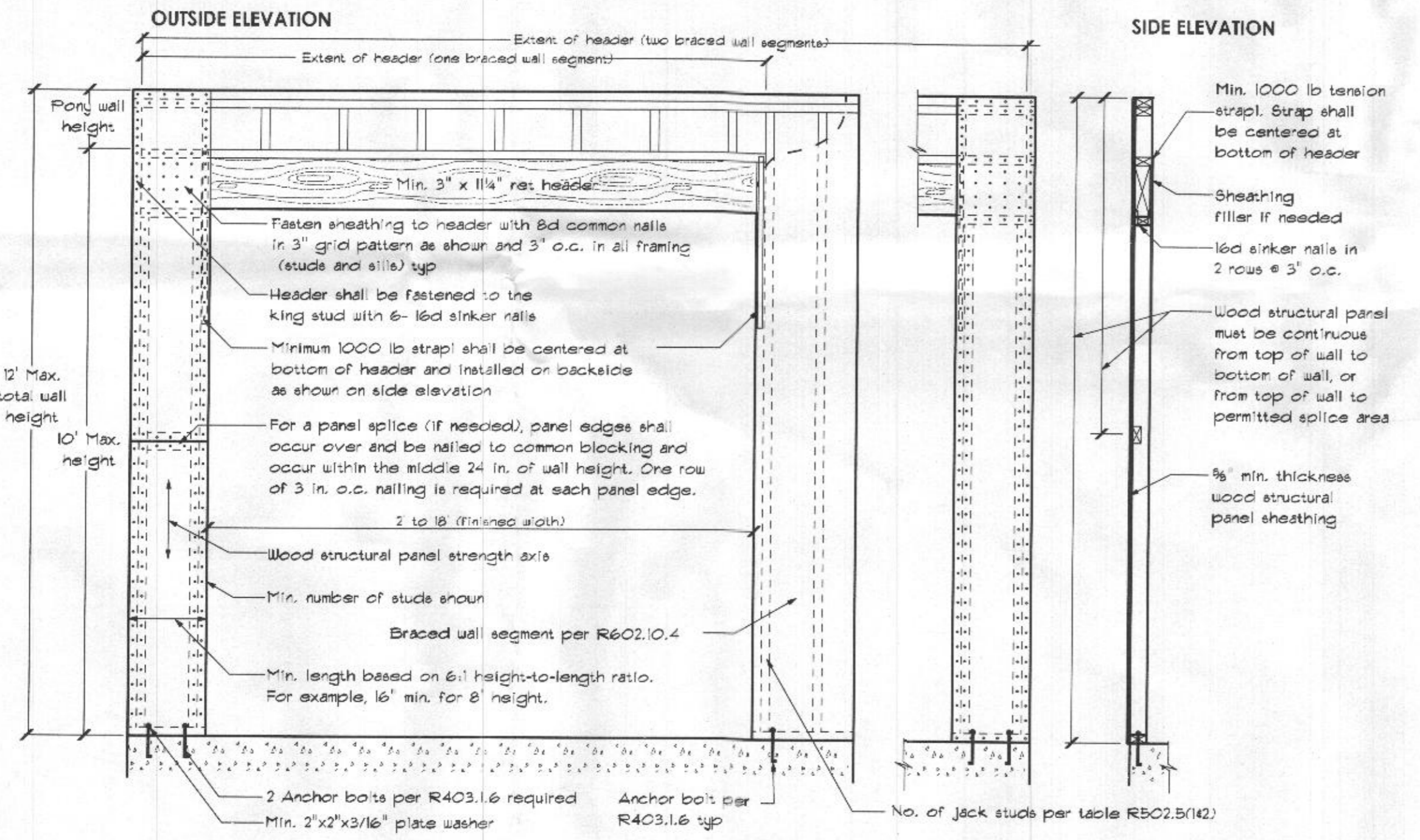
Methods WSP & CS-WSP: Min. 1/16" OSB Wood Structural Panel sheathing attached to framing with 6d at 6" o.c. at panel edges and 12" o.c. at intermediate framing members.  
 Note: At Braced Wall Lines incorporating Continuously Sheathed bracing methods (CS-WSP & CS-PF), all exterior walls along the Braced Wall Line must be fully sheathed with min 1/16" OSB Wood Structural Panel sheathing fastened per IRC Tables R602.3(1), R602.3(2), and R602.3(3).

- ALL DESIGNATED EXTERIOR BRACED WALLS SHALL BE A MINIMUM 1/16" PANEL SHEATHING ATTACHED TO FRAMING WITH 8d COMMON NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING MEMBERS. SOLE PLATS SHALL BE FASTENED TO JOIST OR SOLID WOOD BLOCKING WITH (3) 16d NAILS AT 16" O.C. RIM JOIST TO PLATE OR 8/11 8d @ 6" O.C. TO NAIL.
- ALL EXTERIOR WALL CORNERS SHALL BE FRAMED PER DETAIL.
- ALL DESIGNATED INTERIOR BRACED WALLS SHALL BE MIN 1/2" GYPSUM BOARD APPLIED TO BOTH FACES OF FRAMING WITH ADHESIVE AND TYPE 6 OR 11 SCREWS AT 24" O.C.
- DESIGNATED NARROW WALL BRACING SHALL BE CONSTRUCTED IN ACCORDANCE WITH BRACED WALL DETAILS.
- TENSION HOLD DOWN STRAP @ 800' - ex. (SIMPSON CM8TH STRAP W/ 15-16d NAILS EACH END)

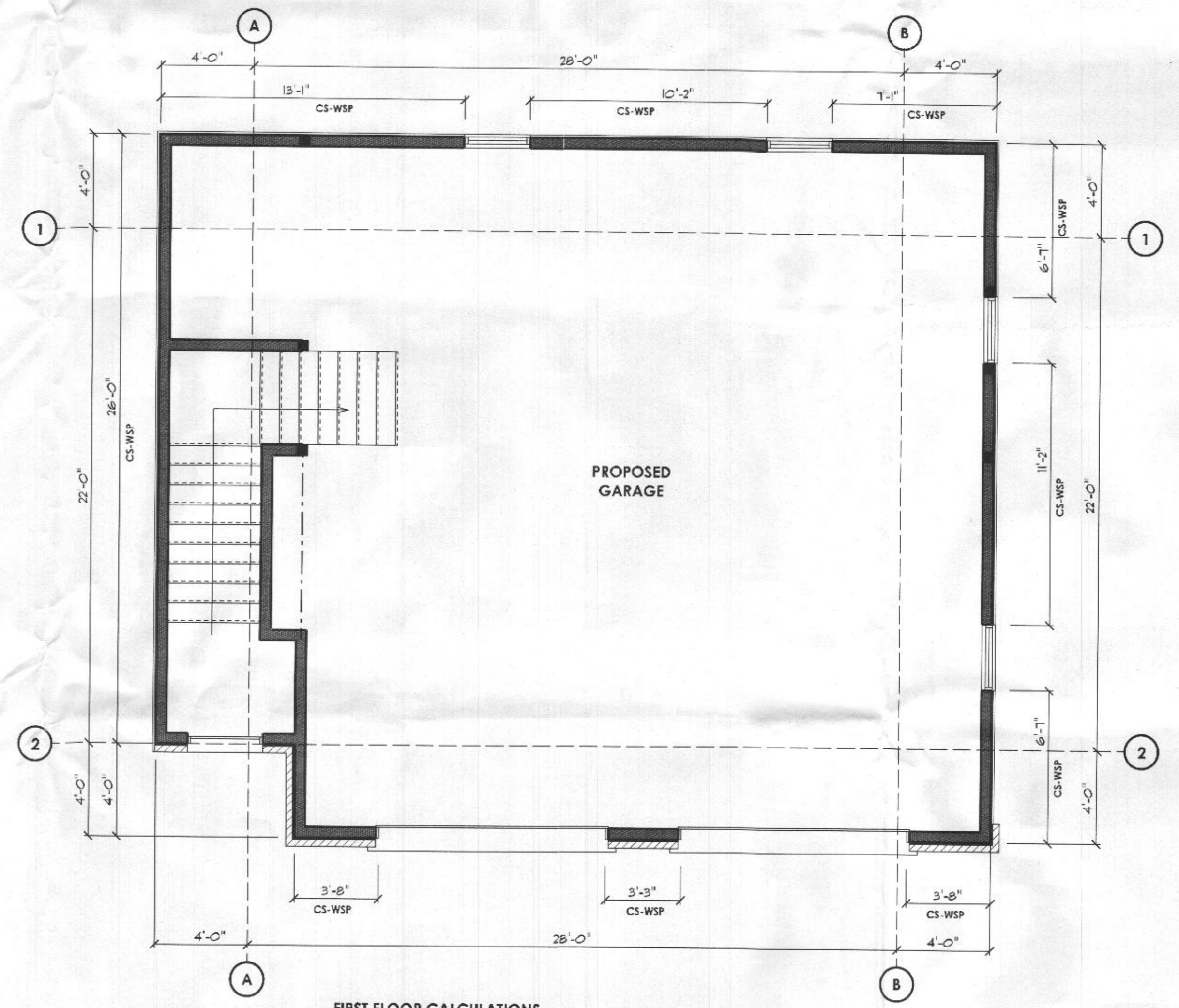
### Tension Strap Capacity Required for Method CS-PF

Minimum Wall Stud Framing Nominal Size and Grade	Maximum Pony Wall Height (feet)	Maximum Total Wall Height (feet)	Maximum Opening Width (feet)	Wind Exposure B	Wind Exposure C
				Tension strap capacity required (lb)	
2x6 Stud Grade	2	12	9	1000	1750
			16	2050	3550
			18	2450	4100
	4	12	9	1500	2775
			16	3150	DR
			18	3675	DR

Notes: 1. Basic Wind Speed of 90mph. For other Basic Wind Speeds, see IRC Table R602.10.4.1.1  
 2. DR = Design Required



OVER CONCRETE OR MASONRY BLOCK FOUNDATION



#### FIRST FLOOR CALCULATIONS

BRACED WALL LINE	WALL PANEL TYPE	NET REQUIRED WALL BRACING FT.	ACTUAL PROVIDED WALL BRACING FT.
A	CS-WSP	7.12'	26.00'
B	CS-WSP	7.12'	24.33'
1	CS-WSP	6.55'	30.33'
2	CS-WSP	6.55'	10.58'



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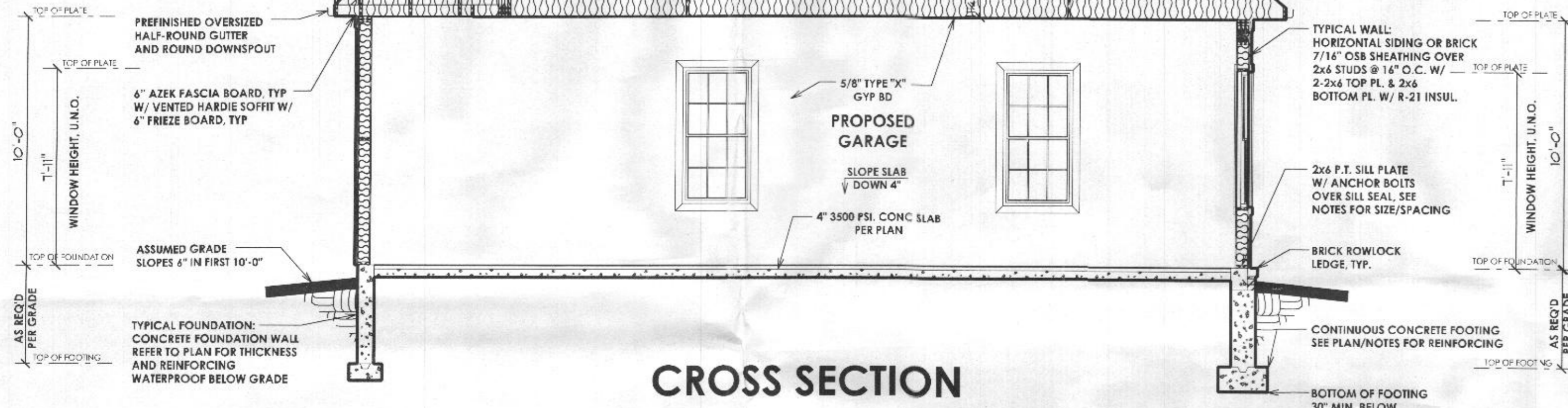
**PROPOSED GARAGE**  
**GALLAGHER RESIDENCE**  
 1320 Saint Michaels Road  
 Mount Airy, Maryland 21771

ISSUE DATE  
 3-10-22 PERMIT SET  
 SCALE: 1/4"=1'-0"

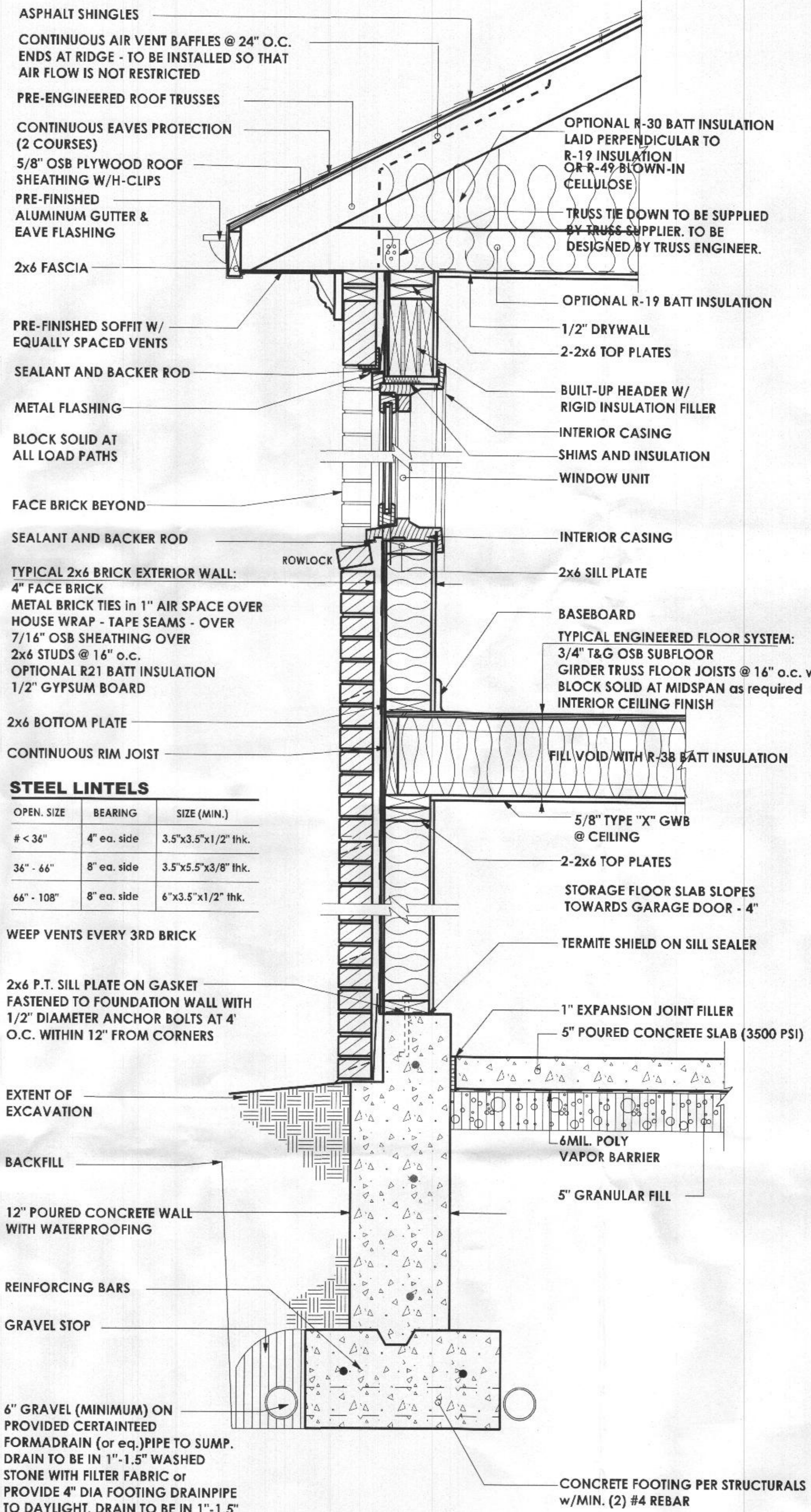
**BRACING**  
**2.02**  
 PRINT DATE:  
 Wednesday, March 30, 2022

**SECTION NOTES**

- 1) 2000 PSF MIN SOIL BEARING CAPACITY ASSUMED
- 2) BEAMS, JOISTS, HEADERS & RAFTERS TO BE SPF #1/#2 OR EQ. TYP THROUGH U.M.O.
- 3) BASEMENT WINDOW LOCATIONS TO BE DETERMINED AT PRECON.
- 4) FOUNDATION WALL MIN. THICKNESS 10" WHERE STEM WALL AT BRICK LEDGE EXCEEDS 16" HIGH
- 5) VERIFY SIZE AND LOCATION OF WINDOWS PER GRADE & BUILDER
- 6) MIN. 1/2" HOOKED ANCHOR BOLTS EMBEDDED A MIN. 7" INTO CONC. SHALL BE SPACED AT 4' O.C. AND LOCATED 4" & 12" FROM EACH END OF ALL SILL PLATE PIECES.



**CROSS SECTION**



**STEEL LINTELS**

OPEN. SIZE	BEARING	SIZE (MIN.)
# < 36"	4" ea. side	3.5"x3.5"x1/2" thk.
36" - 66"	8" ea. side	3.5"x5.5"x3/8" thk.
66" - 108"	8" ea. side	6"x3.5"x1/2" thk.

**WALL SECTION AT GARAGE**



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**SECTIONS**  
**3.01**  
 PRINT DATE:  
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