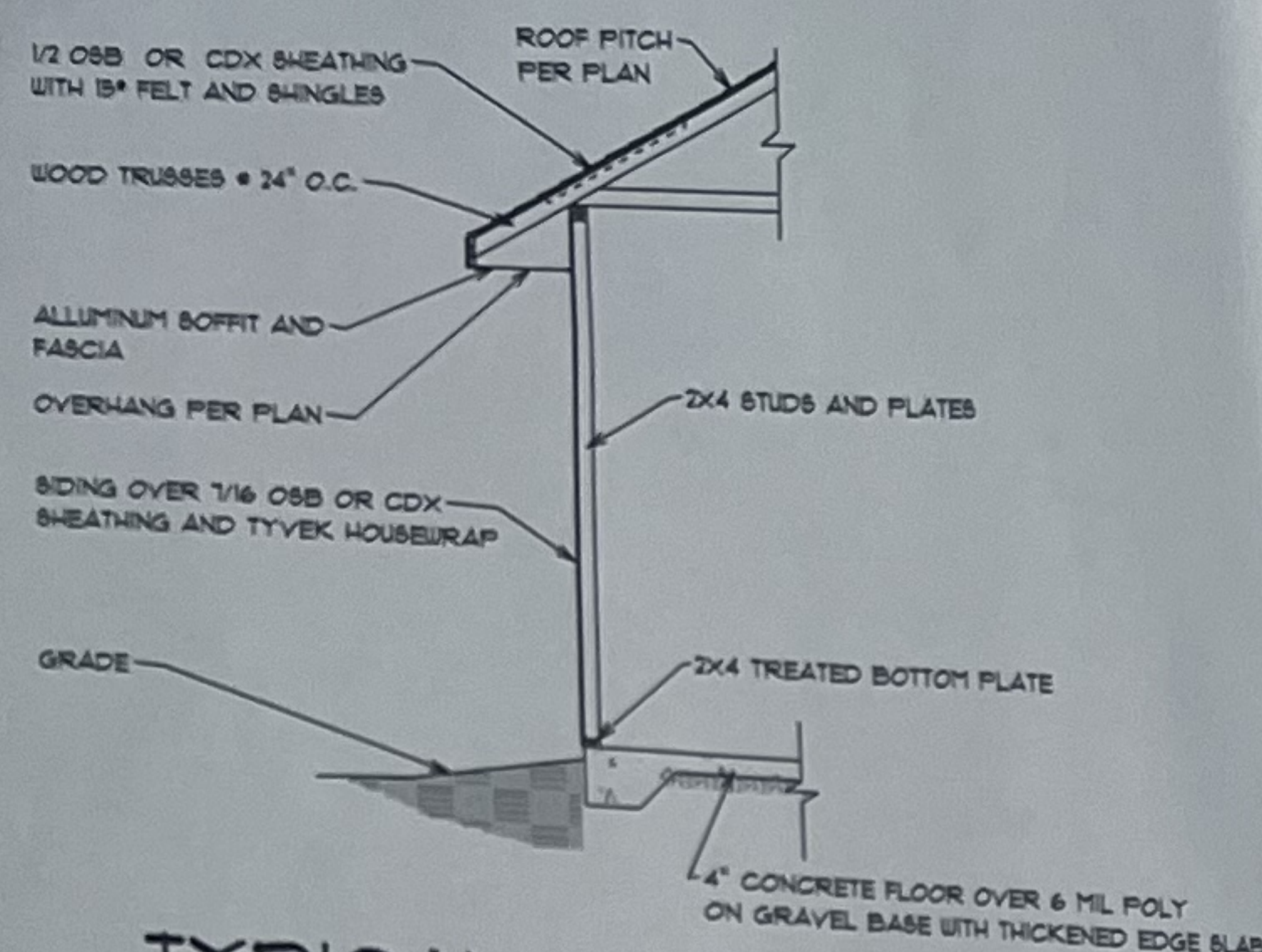
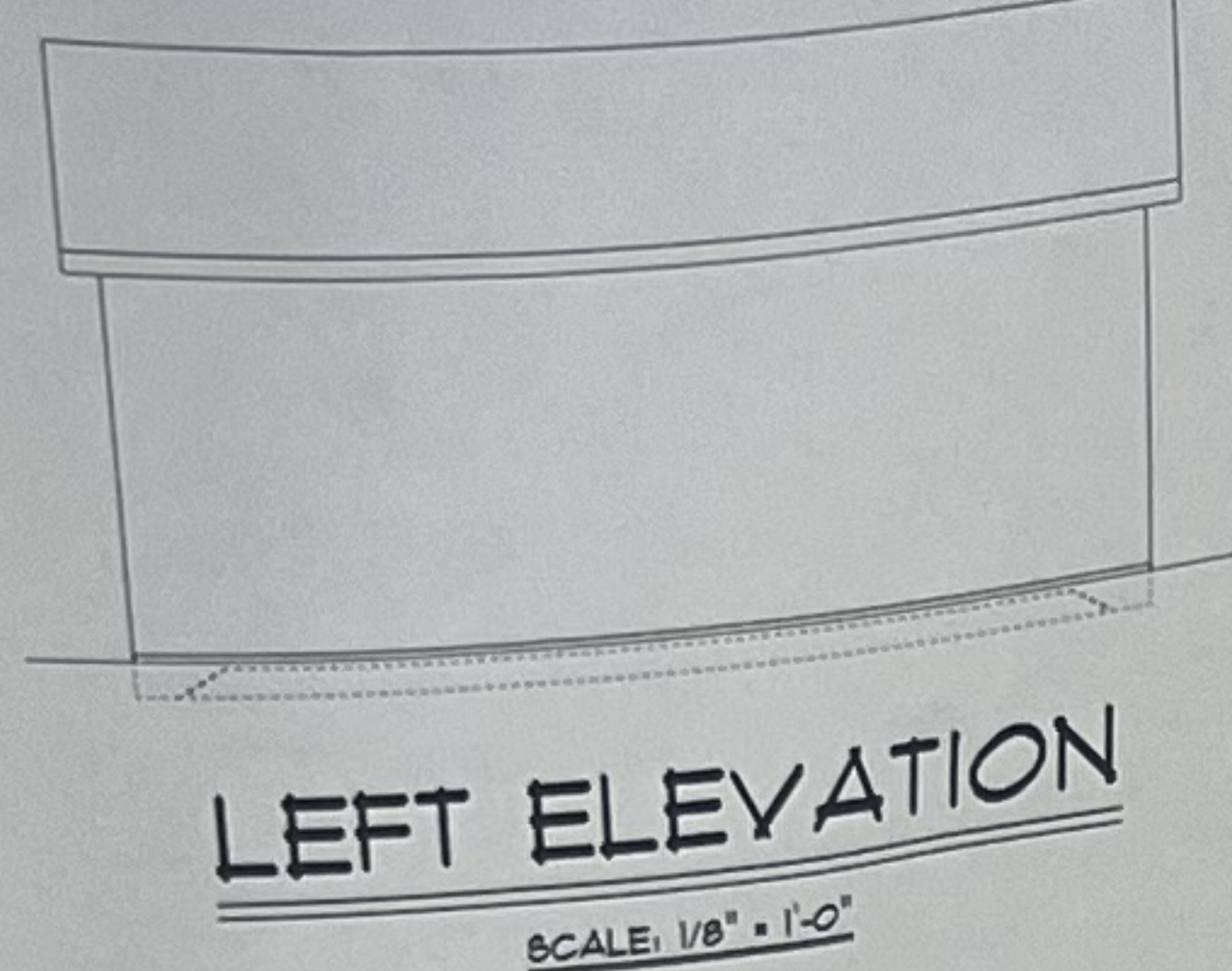
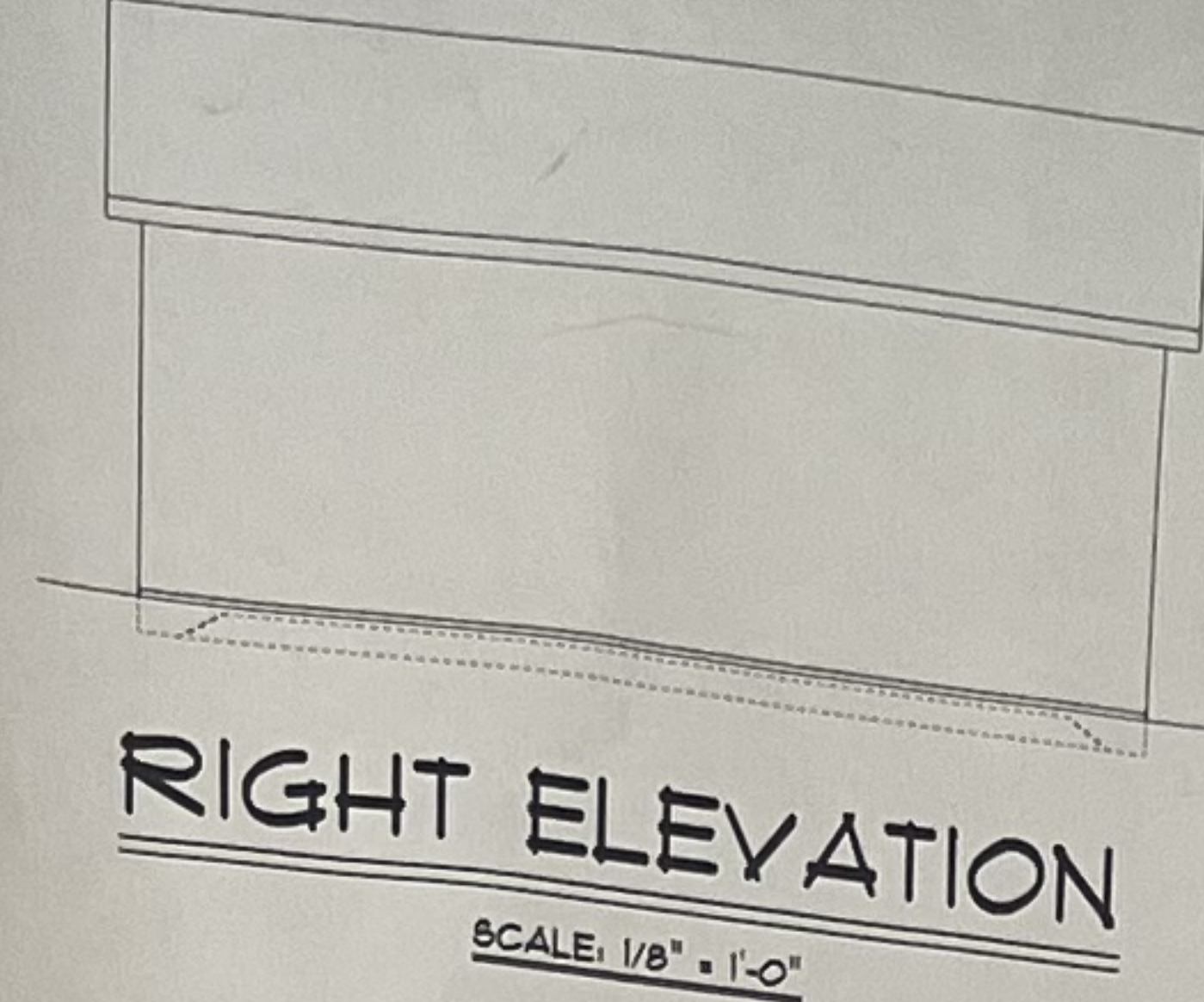




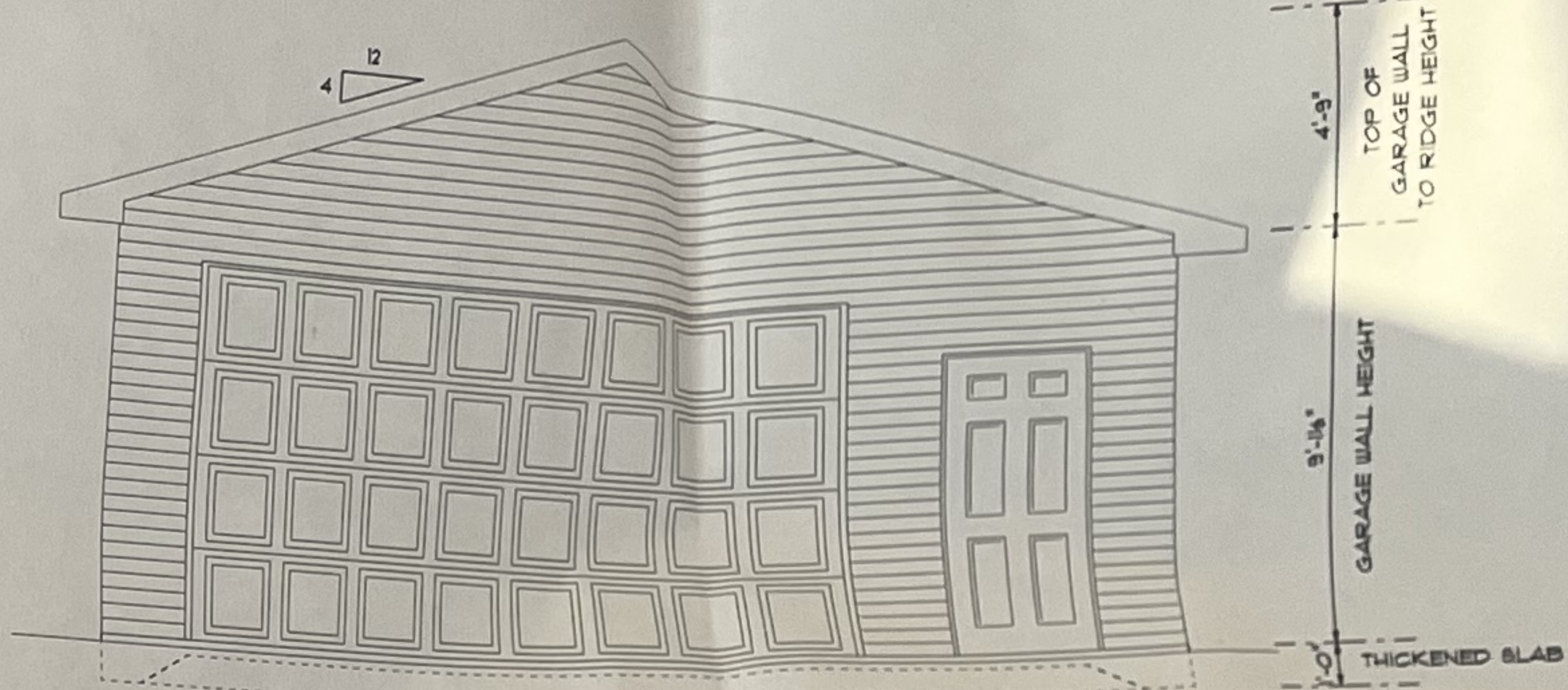
TYPICAL WALL SECTION
(NOT TO SCALE)



LEFT ELEVATION
SCALE: 1/8" = 1'-0"

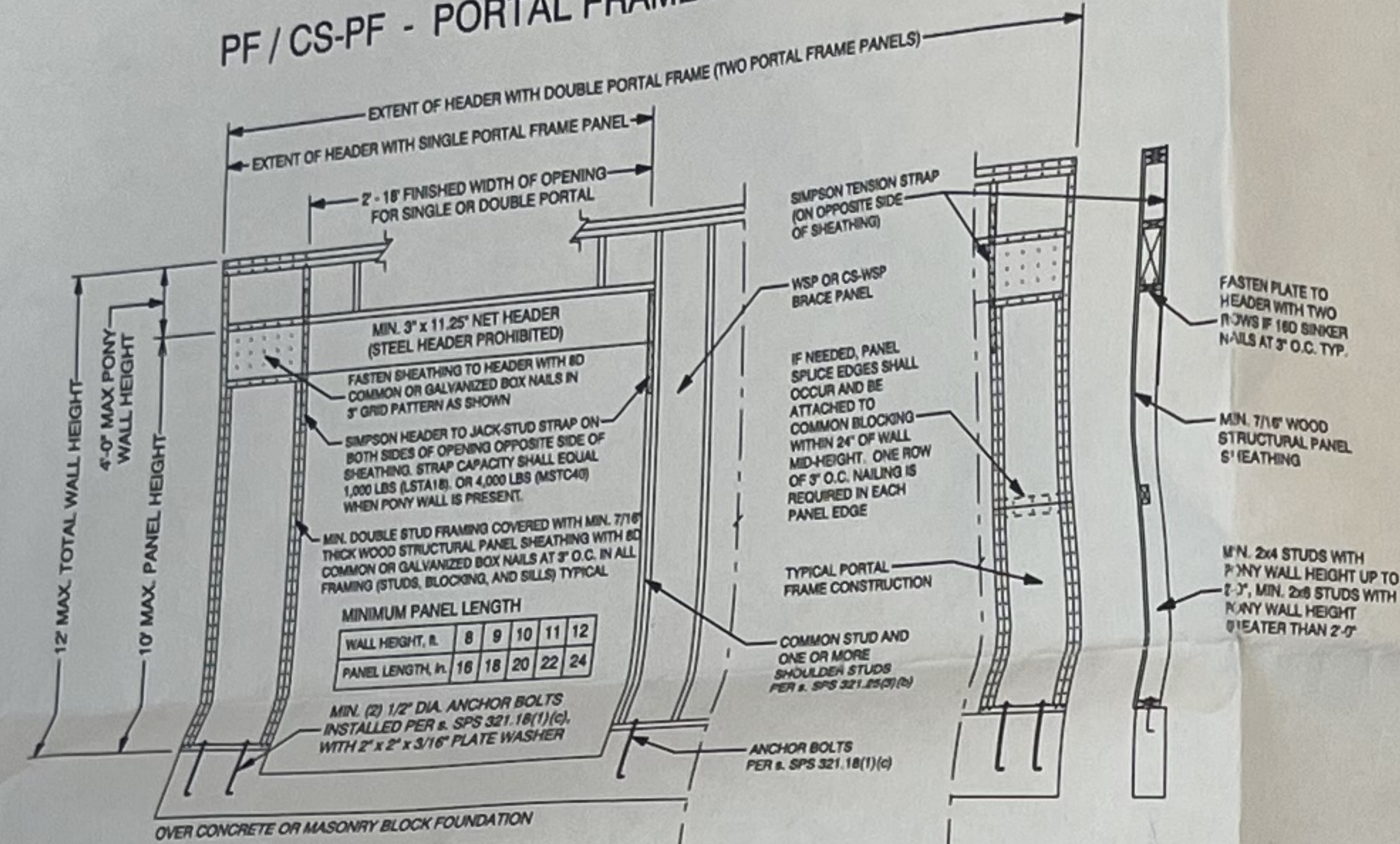


REAR ELEVATION
SCALE: 1/8" = 1'-0"



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

FIGURE 321.25-A
PF / CS-PF - PORTAL FRAME BRACE CONSTRUCTION



NOTE: STEEL HEADERS ARE PERMITTED IF DESIGNED BY STRUCTURAL ANALYSIS.
NOTE: AS SHOWN IN THE ABOVE CROSS-SECTION, 1/2\"/>

TOTAL SIDE LENGTH: 25'-0"
BRACING METHOD: CONTINUOUSLY SHEATHED
INTERIOR WITH 1/2\"/>

TOTAL SIDE LENGTH: 25'-0"
BRACING METHOD: CONTINUOUSLY SHEATHED
INTERIOR WITH 1/2\"/>

GENERAL NOTES:

WALL BRACING, SPS 321.25 (B)

CIRCUMSCRIBED RECTANGLES:
EACH FLOOR PLAN LEVEL SHALL BE CIRCUMSCRIBED WITH ONE OR MORE RECTANGLES AROUND THE ENTIRE FLOOR PLAN AT THE FLOOR LEVEL UNDER CONSIDERATION. WHEN MULTIPLE RECTANGLES ARE USED, EACH SIDE SHALL BE BRACED AS THOUGH IT WERE A SEPARATE BUILDING AND THE BRACING AMOUNT ADDED TOGETHER ALONG THE COMMON WALL WHERE ADJACENT RECTANGLES OVERLAP OR ABUT.
EACH RECTANGLE SHALL HAVE A MAXIMUM RECTANGLE LENGTH-TO-WIDTH RATIO OF 3:1, WITHIN 5' FROM EACH END OF EACH CIRCUMSCRIBED RECTANGLE AND NO MORE THAN 5' APART FROM EACH OTHER PANEL EDGE TO PANEL EDGE. (SEE FIG. 321.25-C)
BRACED WALL PANEL (BWP) LOCATIONS:
ALL EDGES OF PANEL TYPE BRACING, EXCEPT HORIZONTAL JOINTS IN GYPSUM BOARD BRACING, SHALL BE ATTACHED TO FRAMING OR BLOCKING.
THE INTERIOR SIDE OF ALL EXTERIOR WALL SHALL BE SHEATHED WITH MINIMUM 1/2\"/>

WALL BRACING MATERIAL LEGEND

	CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL 3/8\"/>
	CONTINUOUSLY SHEATHED PORTAL FRAME REFER TO FIGURE 321.25-A FOR SHEATHING, FASTENER AND OTHER REQUIREMENTS

TABLE 321.25-H a,b
MINIMUM WIDTHS OF CS-WSP BRACED WALL PANELS

MAXIMUM OPENING HEIGHT ADJACENT TO BRACED WALL PANEL	MINIMUM LENGTH OF FULL-HEIGHT BRACED WALL PANEL (INCHES)			
	8' TALL WALL	9' TALL WALL	10' TALL WALL	12' TALL WALL
5' - 4'	24	21	30	36
6' - 8'	32	30	30	36
8' - 0'	48	41	38	36
9' - 0'	-	54	46	41
10' - 0'	-	-	60	48
12' - 0'	-	-	-	72

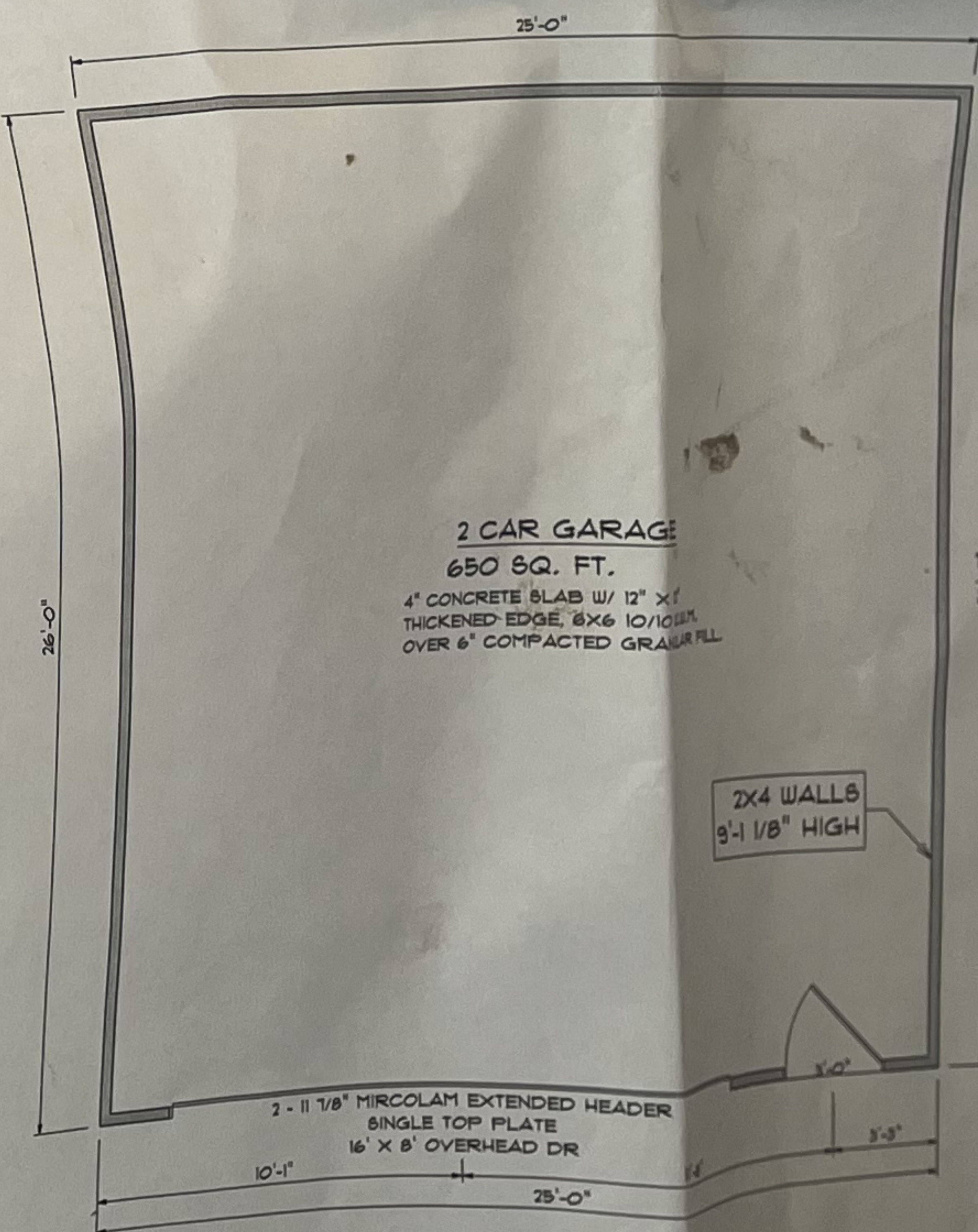
a. SHEATHING SHALL EXTEND FROM THE TOP OF THE TOP PLATE TO THE BOTTOM PLATE AND MAY BE MULTIPLE SHEETS. ALL JOINTS SHALL BE BLOCKED.
b. INTERPOLATION IS PERMITTED.

ALL DIMENSIONS ARE TO ROUGH FRAMING

WALL HEIGHTS:
GARAGE - 9'-1 1/8"

NOTE: DIMENSIONS DO NOT REFLECT ANY CANTILEVERS FOR FOAM. THESE IF ANY, ARE TO BE DETERMINED BY BUILDER AND FRAMED ACCORDING TO UDC SPECS AND ADJUSTED FOR IN THE FIELD.

HEADER NOTE: HEADERS SPECIFIED MAY BE SUBSTITUTED W/ ANY HEADER MATERIAL W/ EQUAL OR GREATER DESIGN VALUES



GARAGE PLAN
625 SQ. FT.

WALL BRACING LAYOUT PLAN

SCALE: 1/4" = 1'-0"
GARAGE WALL HEIGHT: 9'-1 1/8"
TOP OF 1ST FL. WALL TO RIDGE HGT: 4'-9"
EXTERIOR STUD SPACING: 16" O.C.
SEISMIC DESIGN: B

- GENERAL NOTES:**
- CONTRACTOR TO VERIFY ALL CATHEDRAL CHAMBERED, VAULTED, AND TRAYED CEILINGS WITH OWNER PRIOR TO TRUSS CONSTRUCTION.
 - ALL EXTERIOR GARAGE WALLS TO BE 2 X 4 STUDS, UNLESS OTHERWISE NOTED.
 - ALL HEADERS ARE 2-2X10# HEM-FIR S8 OR BETTER, UNLESS NOTED. 2 TRIMMERS FOR ALL OPENINGS 5'-0" OR LARGER UNLESS NOTED OTHERWISE.
 - ALL SUPPORTING COLUMNS, BEAMS, AND HEADERS ARE SIZED WITH UNIFORM LOADS OF:
ROOF: 30#/SF LIVE LOAD + 10#/SF DEAD LOAD
FLOOR: 40#/SF LIVE LOAD + 10#/SF DEAD LOAD
UNLESS OTHERWISE NOTED.
 - ALL WORK, EQUIPMENT, AND INSTALLATION TO CONFORM TO & WITH ALL LOCAL AND STATE ORDINANCES AND STANDARDS, AS WELL AS ACCEPTED COMMON PRACTICES OF THE BUILDING INDUSTRY.
 - ALL DIMENSIONS ARE TO ROUGH FRAMING. WINDOW OPENINGS PRIOR TO CONSTRUCTION.