



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

Meister Residence

PROPOSED RESIDENCE
 Florence Road, Woodbine, Maryland 21797

ISSUE DATES:

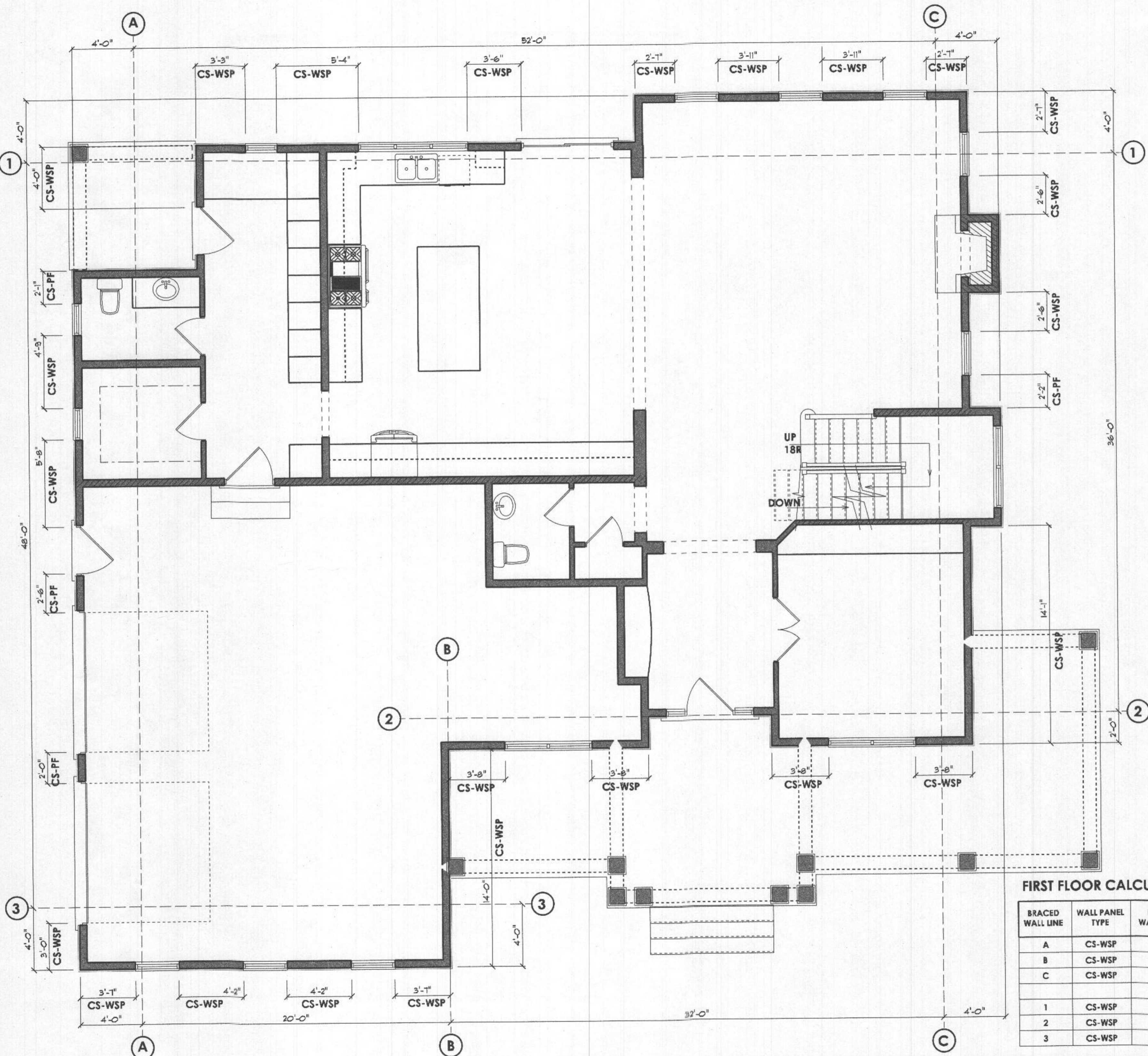
12-16-19	REVIEW
4-21-20	REVISION

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

3.02

PRINT DATE:
 Tuesday, April 21, 2020

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FIRST FLOOR CALCULATIONS

BRACED WALL LINE	WALL PANEL TYPE	NET REQUIRED WALL BRACING FT.	ACTUAL PROVIDED WALL BRACING FT.
A	CS-WSP	10.02'	25.92'
B	CS-WSP	12.88'	14.00'
C	CS-WSP	12.88'	25.67'
1	CS-WSP	9.40'	23.92'
2	CS-WSP	9.40'	14.67'
3	CS-WSP	6.26'	15.50'

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BRACING
3.51
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SECOND FLOOR CALCULATIONS

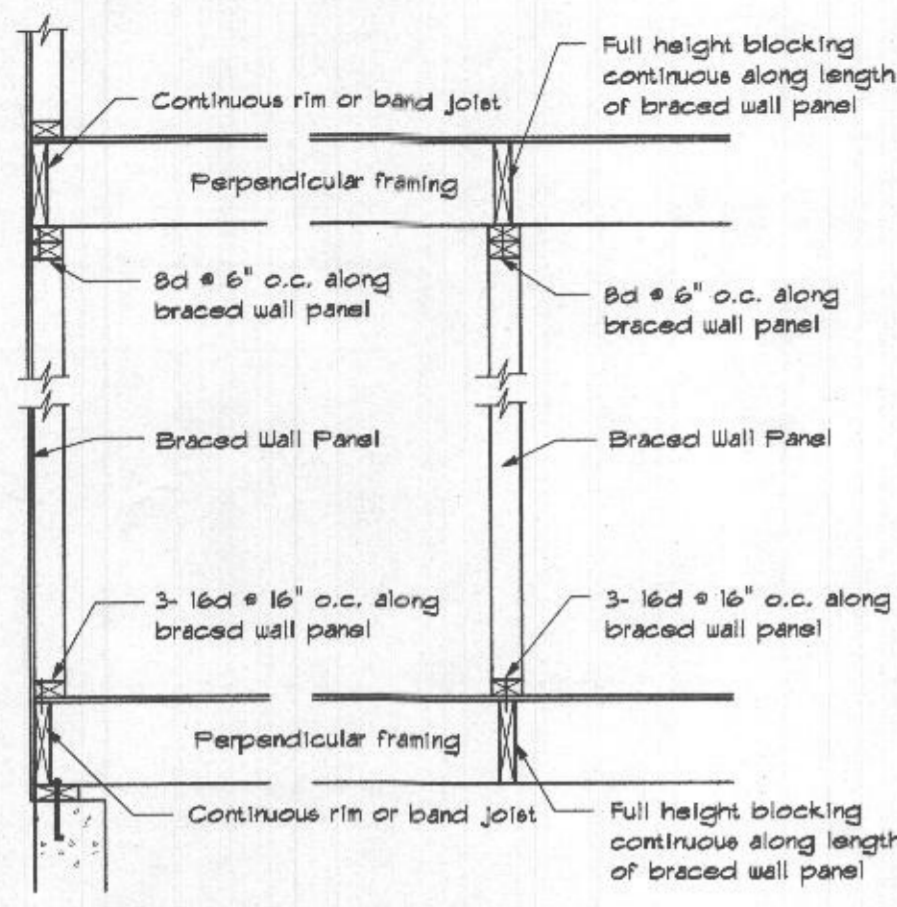
BRACED WALL LINE	WALL PANEL TYPE	NET REQUIRED WALL BRACING FT.	ACTUAL PROVIDED WALL BRACING FT.
A	CS-WSP	5.65'	16.33'
B	CS-WSP	8.30'	14.25'
C	CS-WSP	8.30'	23.58'
1	CS-WSP	8.21'	35.33'
2	CS-WSP	8.21'	27.50'

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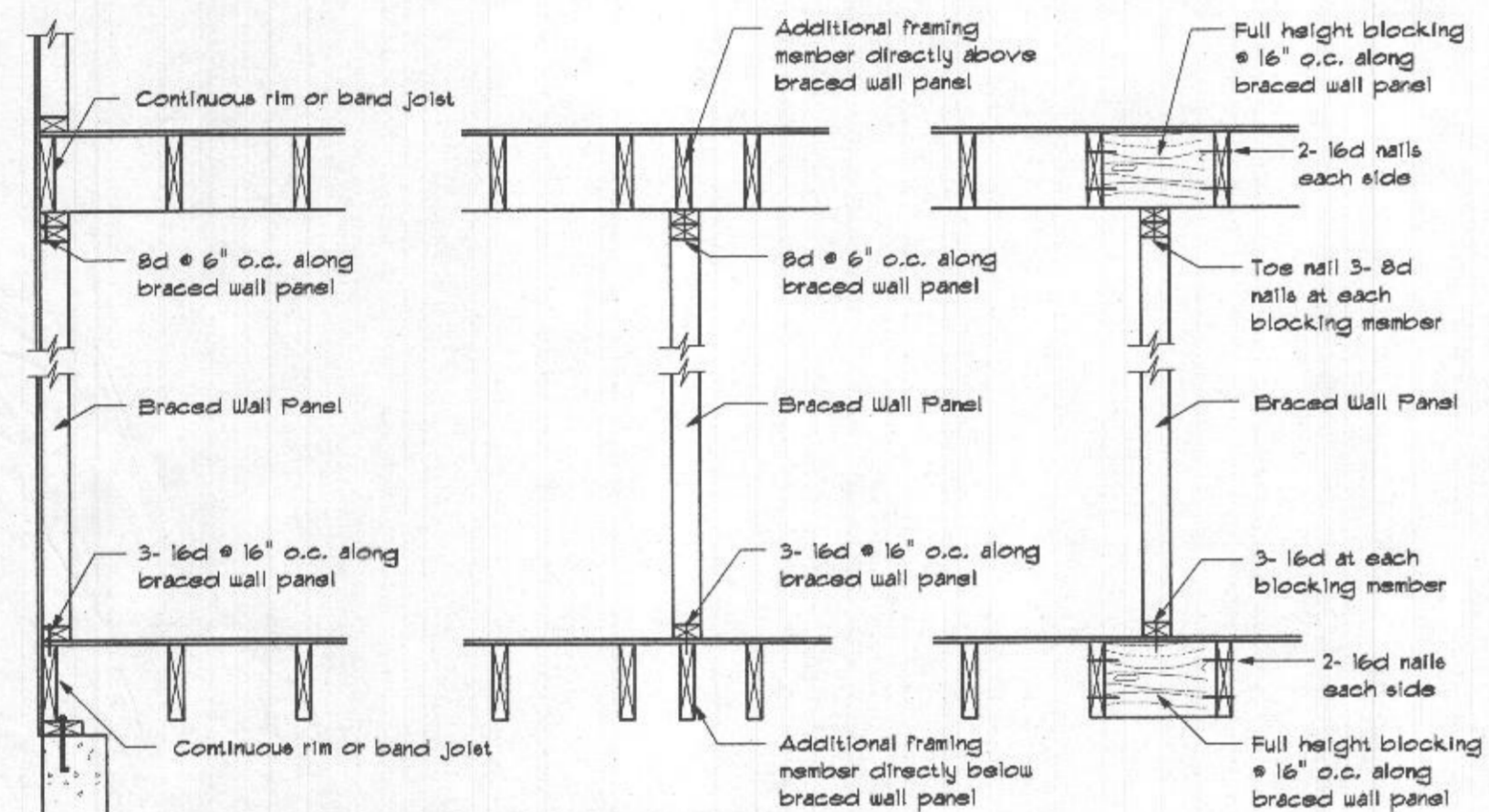
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BRACING
3.52
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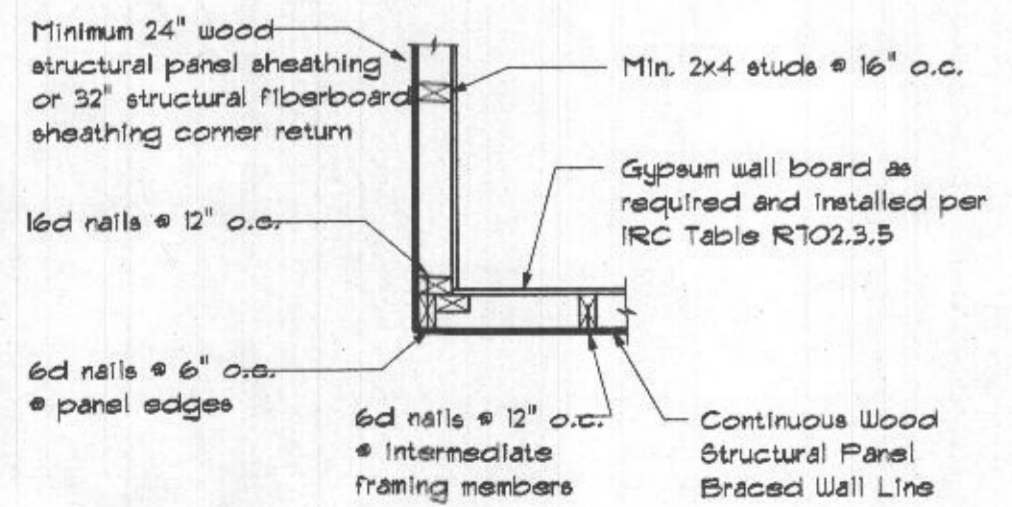
BRACED WALL PANEL CONNECTION WHEN PERPENDICULAR TO FLOOR/CEILING FRAMING



BRACED WALL PANEL CONNECTION WHEN PARALLEL TO FLOOR/CEILING FRAMING

Braced Wall Panel Connections

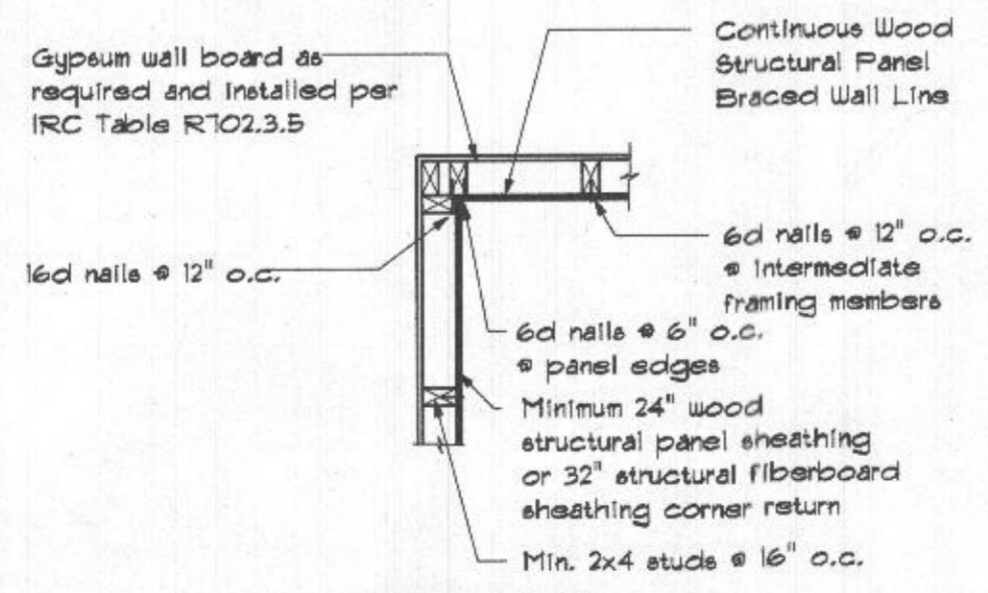
NOT TO SCALE



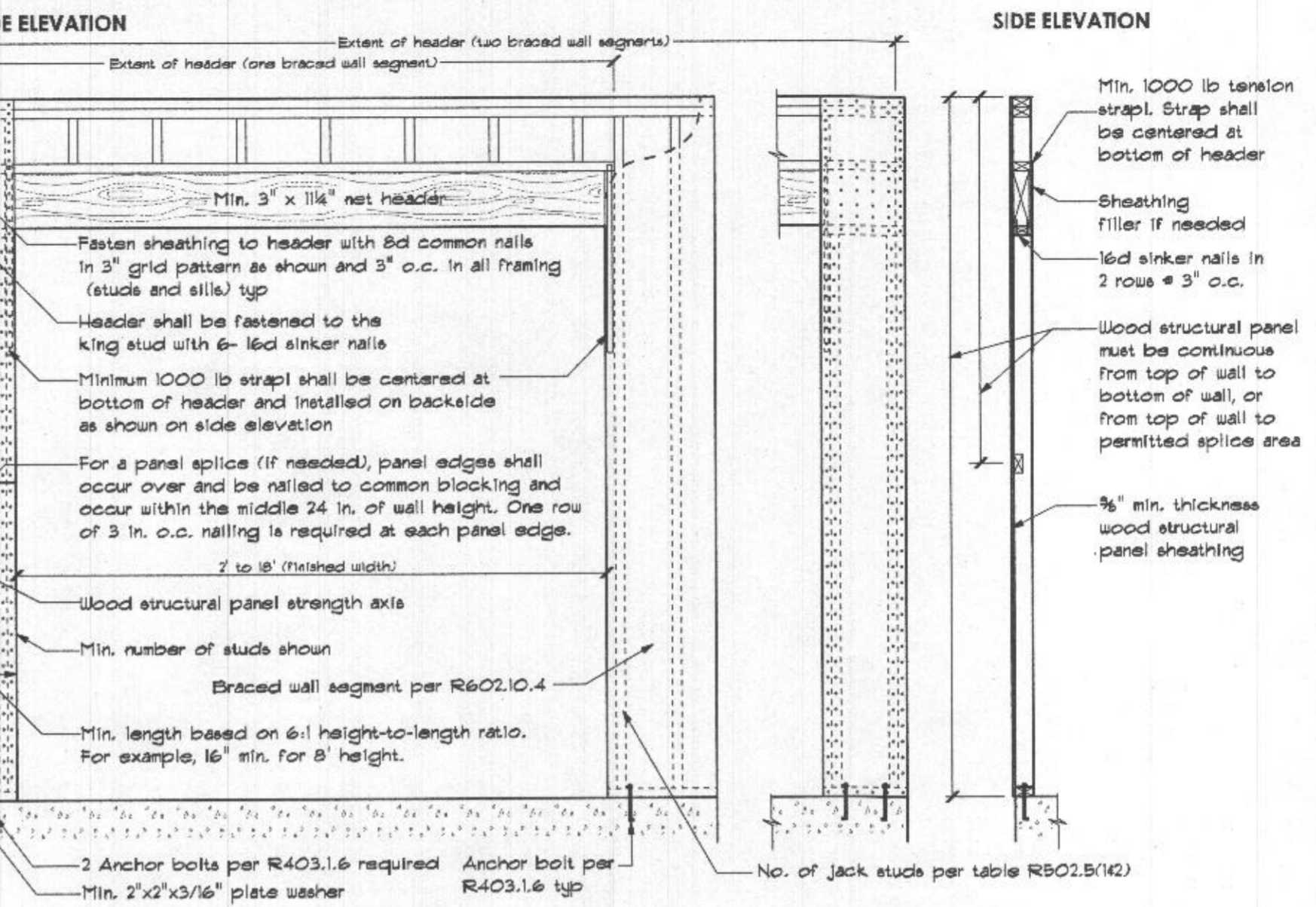
OUTSIDE CORNER

Corner Framing Details

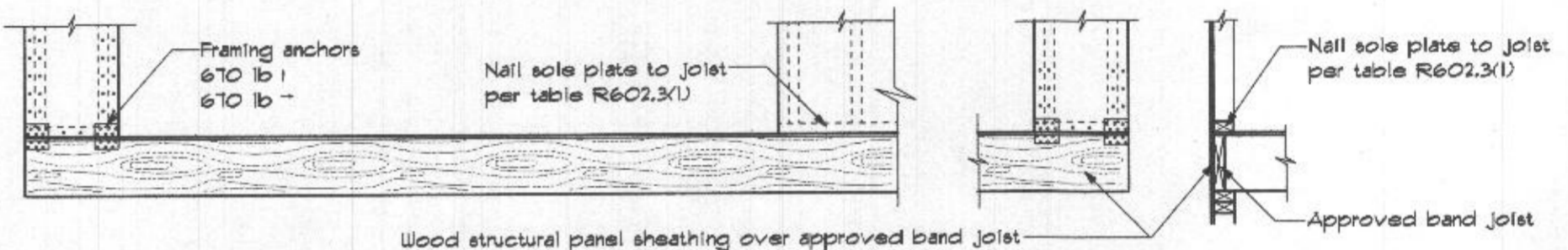
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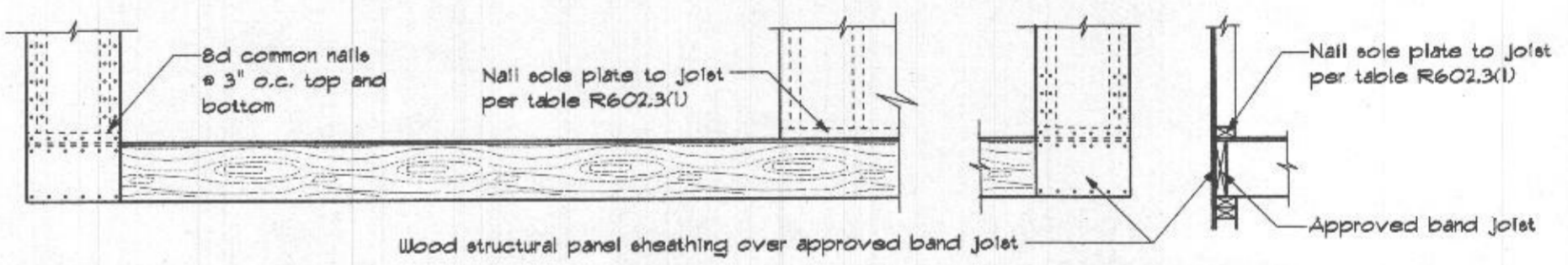
INSIDE CORNER



OVER CONCRETE OR MASONRY BLOCK FOUNDATION



OVER RAISED WOOD FLOOR OR SECOND FLOOR - FRAMING ANCHOR OPTION



OVER RAISED WOOD FLOOR OR SECOND FLOOR - WOOD STRUCTURAL PANEL OVERLAP OPTION

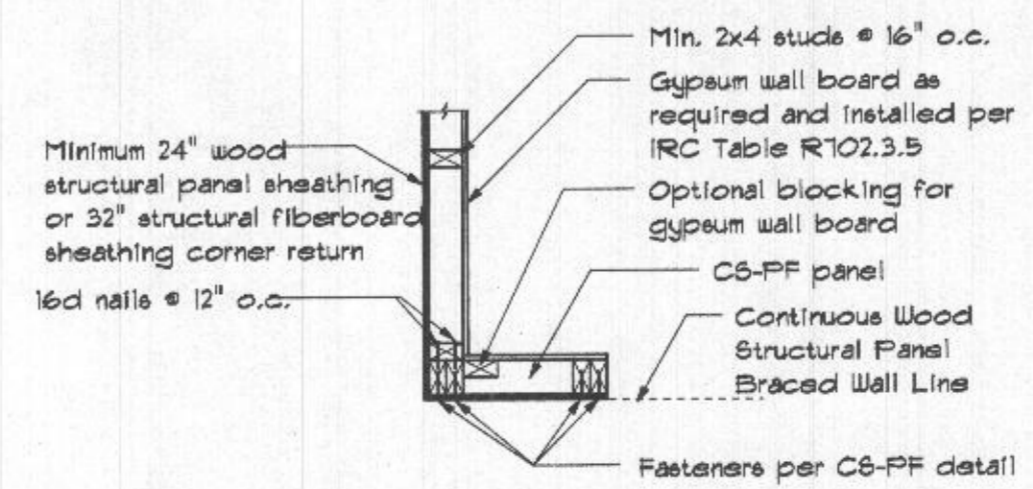
CS-PF Continuous Portal Frame

NOT TO SCALE

'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	C
2x6 Stud Grade	2	12	3	1000	1150
			6	2050	3550
			9	2450	4100
	4	12	3	1500	2115
			6	3150	DR
			9	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



GARAGE CORNER

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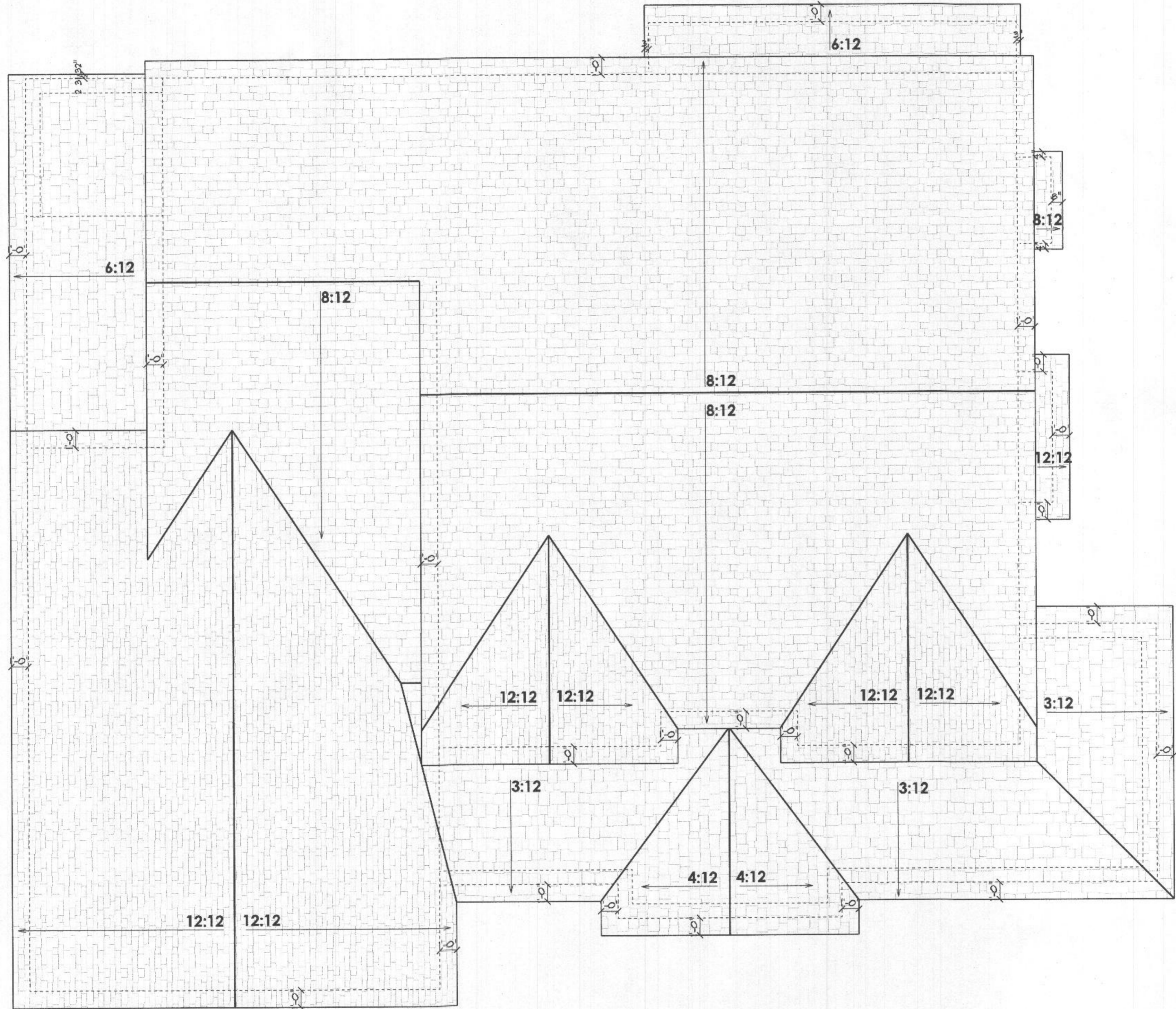
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BRACING

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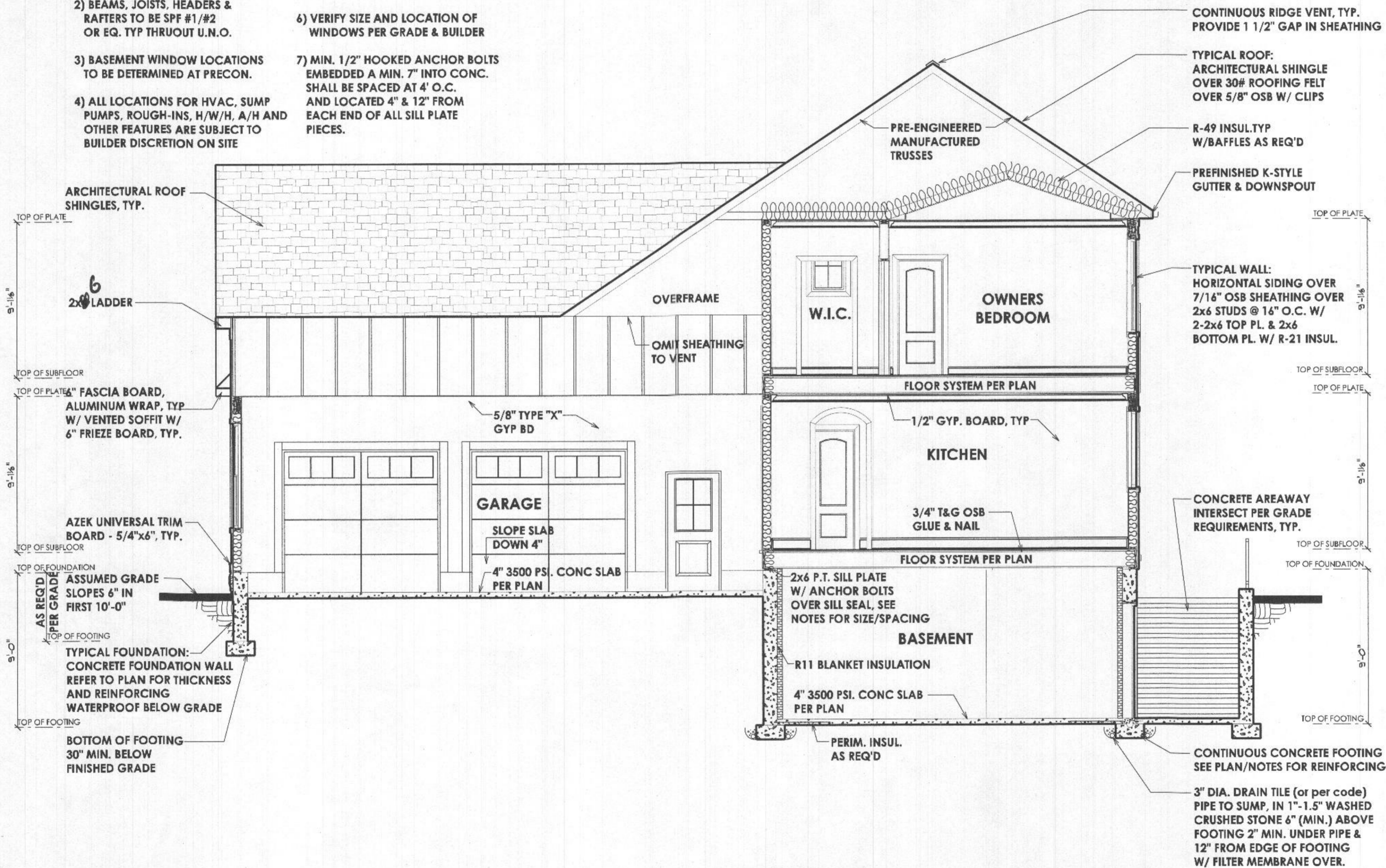
ROOF PLAN

4.01

PRINT DATE:
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SECTION NOTES

- 1) 2000 PSF MIN SOIL BEARING CAPACITY ASSUMED
- 2) BEAMS, JOISTS, HEADERS & RAFTERS TO BE SPF #1/#2 OR EQ. TYP THRUOUT U.N.O.
- 3) BASEMENT WINDOW LOCATIONS TO BE DETERMINED AT PRECON.
- 4) ALL LOCATIONS FOR HVAC, SUMP PUMPS, ROUGH-INS, H/W/H, A/H AND OTHER FEATURES ARE SUBJECT TO BUILDER DISCRETION ON SITE
- 5) FOUNDATION WALL MIN. THICKNESS 10" WHERE STEM WALL AT BRICK LEDGE EXCEEDS 16" HIGH
- 6) VERIFY SIZE AND LOCATION OF WINDOWS PER GRADE & BUILDER
- 7) MIN. 1/2" HOOKED ANCHOR BOLTS EMBEDDED A MIN. 7" INTO CONC. AND LOCATED 4" & 12" FROM EACH END OF ALL SILL PLATE PIECES.



SECTION C-C

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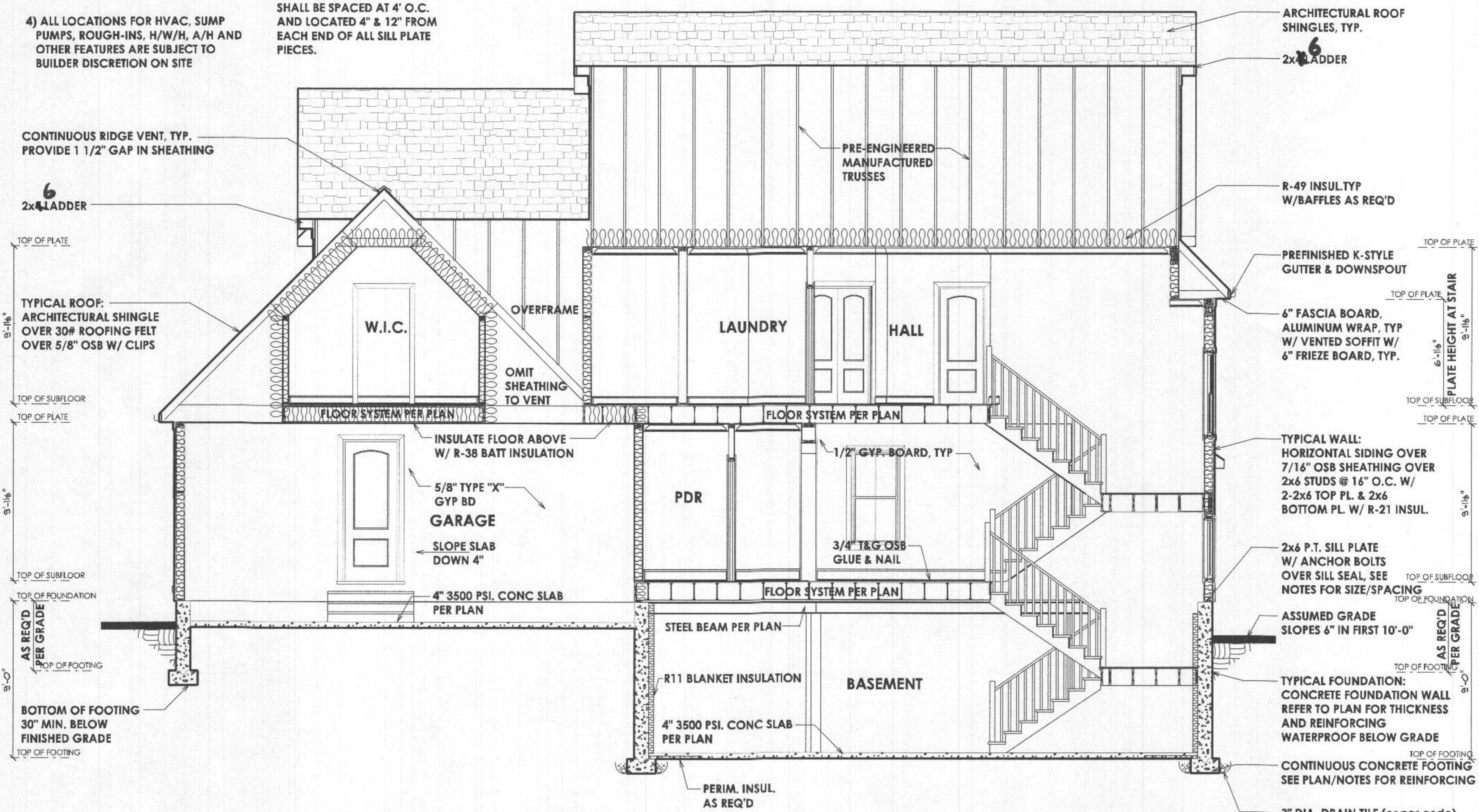
SECTIONS
5.03

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SECTION A-A

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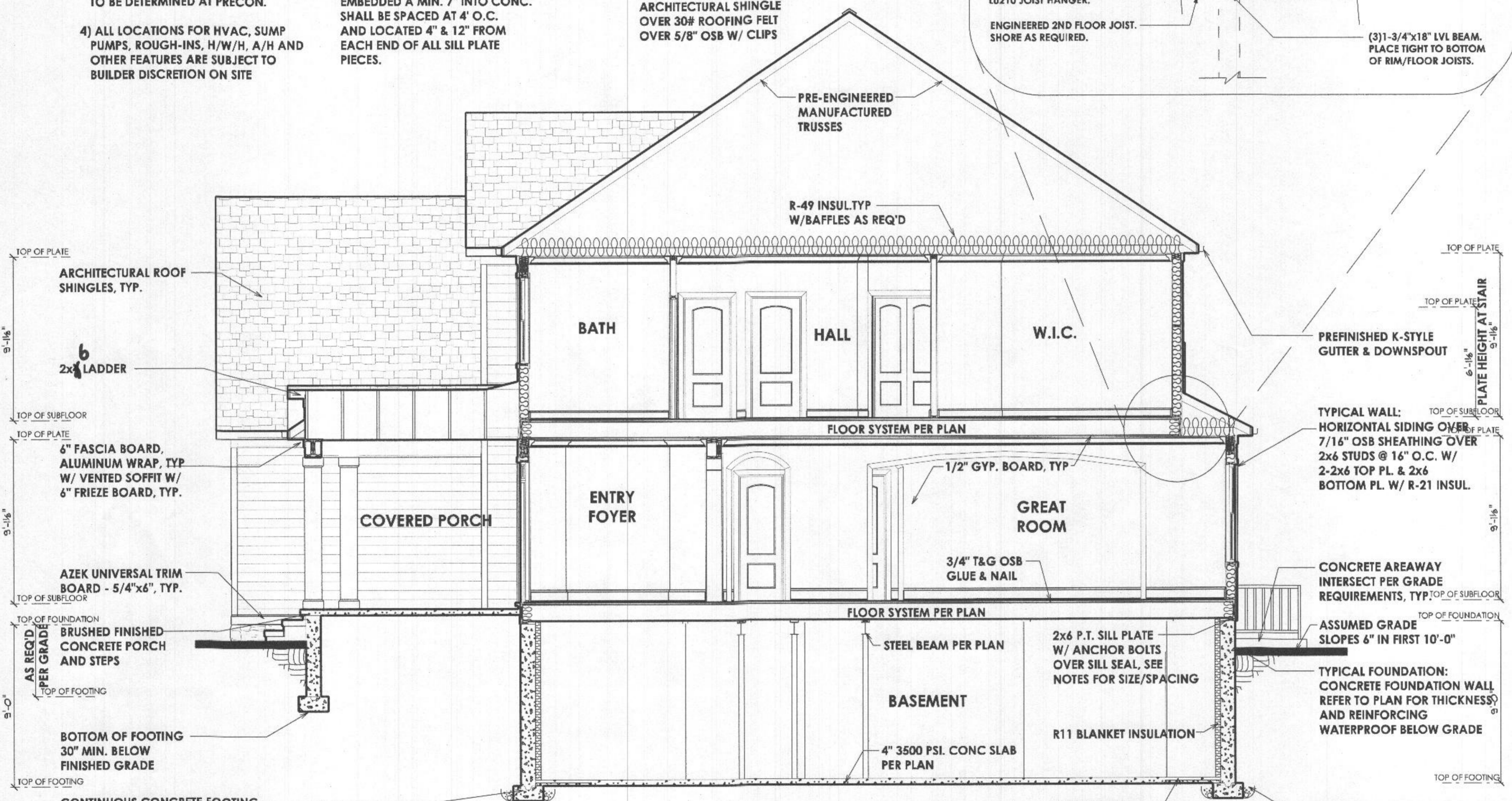
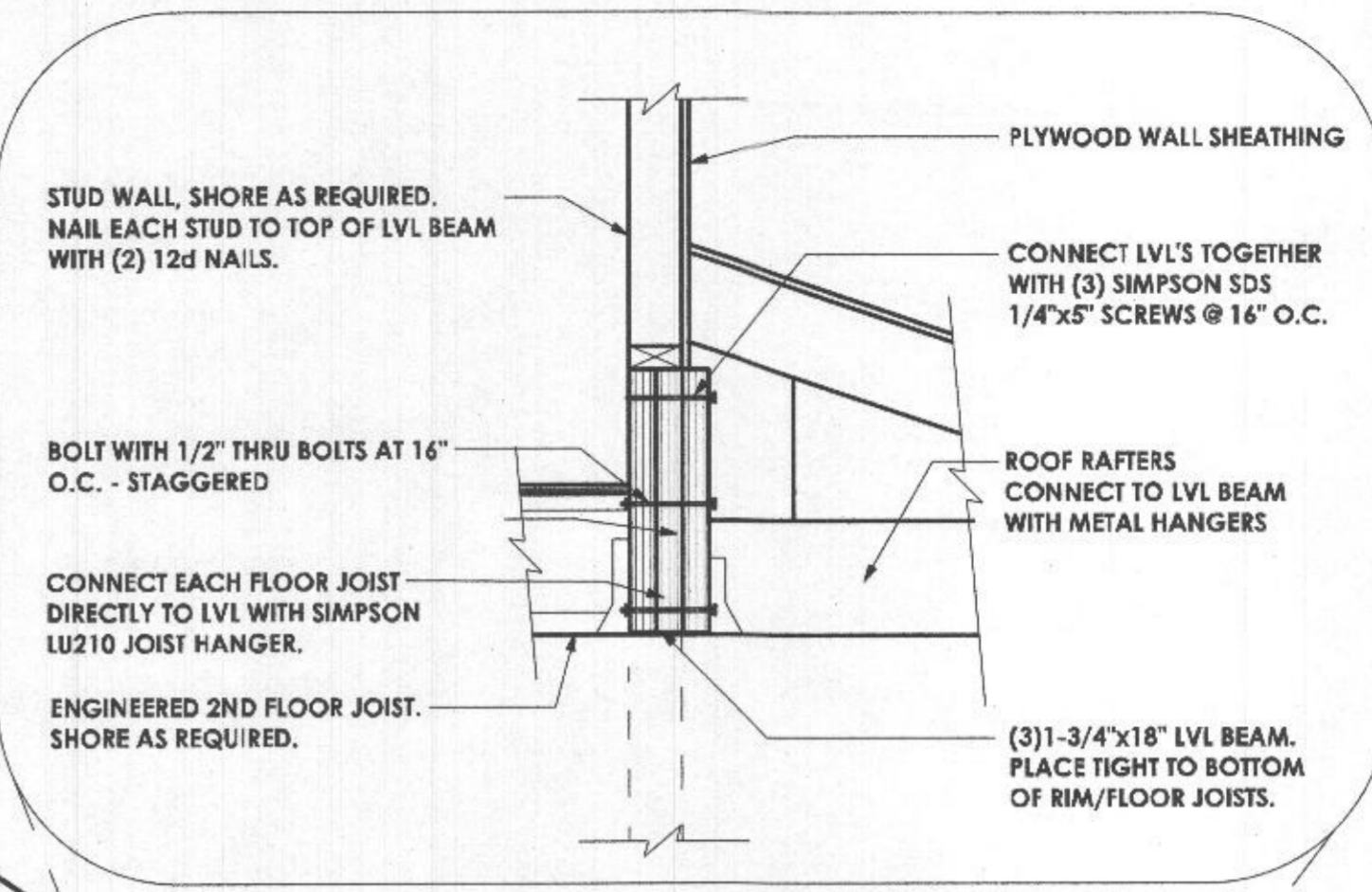
SECTIONS
5.01

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TYPICAL ROOF:
 ARCHITECTURAL SHINGLE
 OVER 30# ROOFING FELT
 OVER 5/8" OSB W/ CLIPS



SECTION B-B

NOTE:
 STAIRS WITH 2 OR MORE RISERS SHALL BE PROVIDED WITH HANDRAILS. HANDRAILS SHALL BE A MINIMUM OF 34" IN HEIGHT AND NOT MORE THAN 38" IN HEIGHT. RAILS ARE TO BE MEASURED VERTICALLY FROM THE NOSING OF THE TREADS.

PORCHES, DECKS, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS A MINIMUM OF 36" HIGH.

RISERS ARE TO BE CLOSED SUCH THAT THE OPENING BETWEEN THE TREADS DOES NOT PERMIT THE PASSAGE OF A 4" DIA SPHERE.

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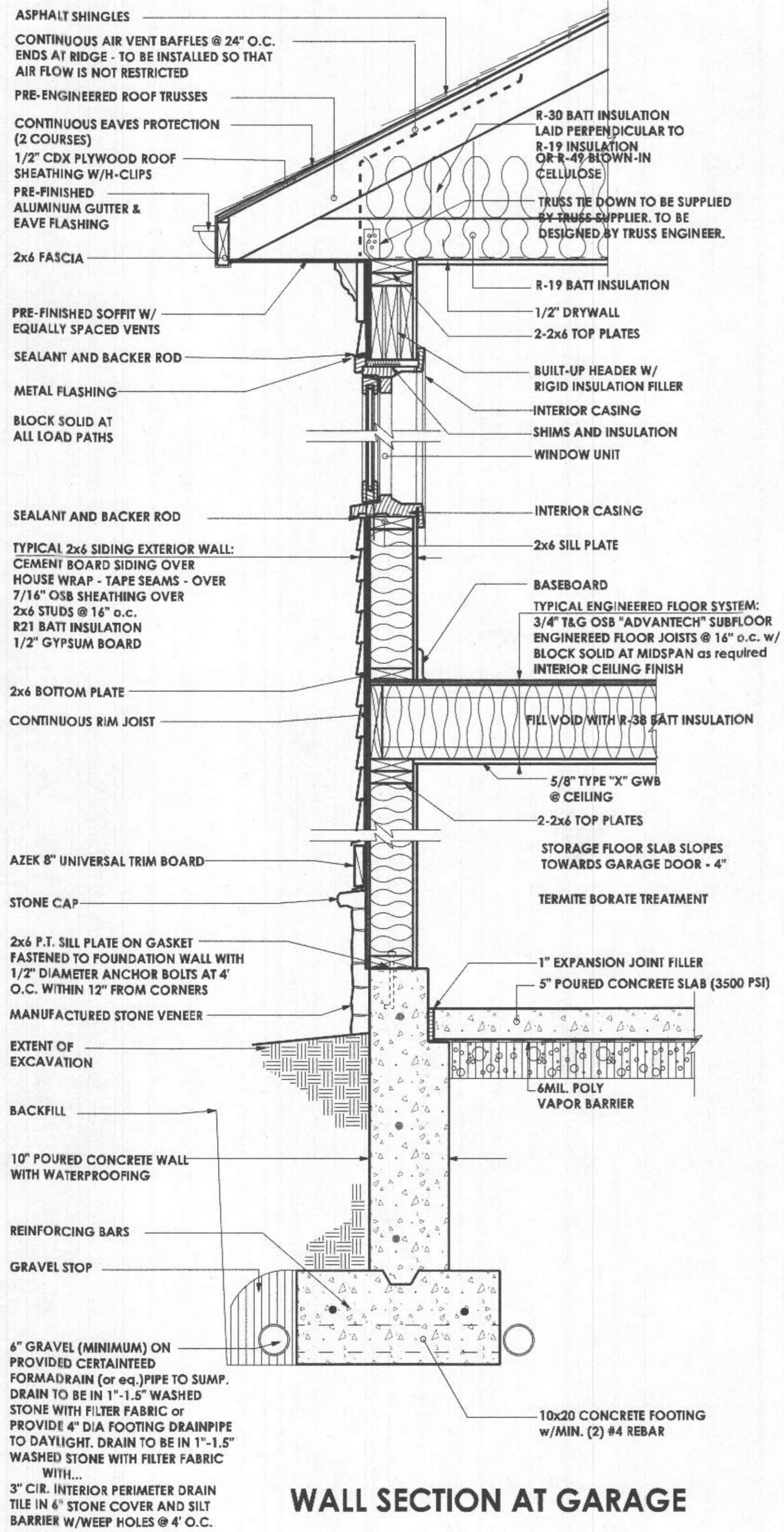
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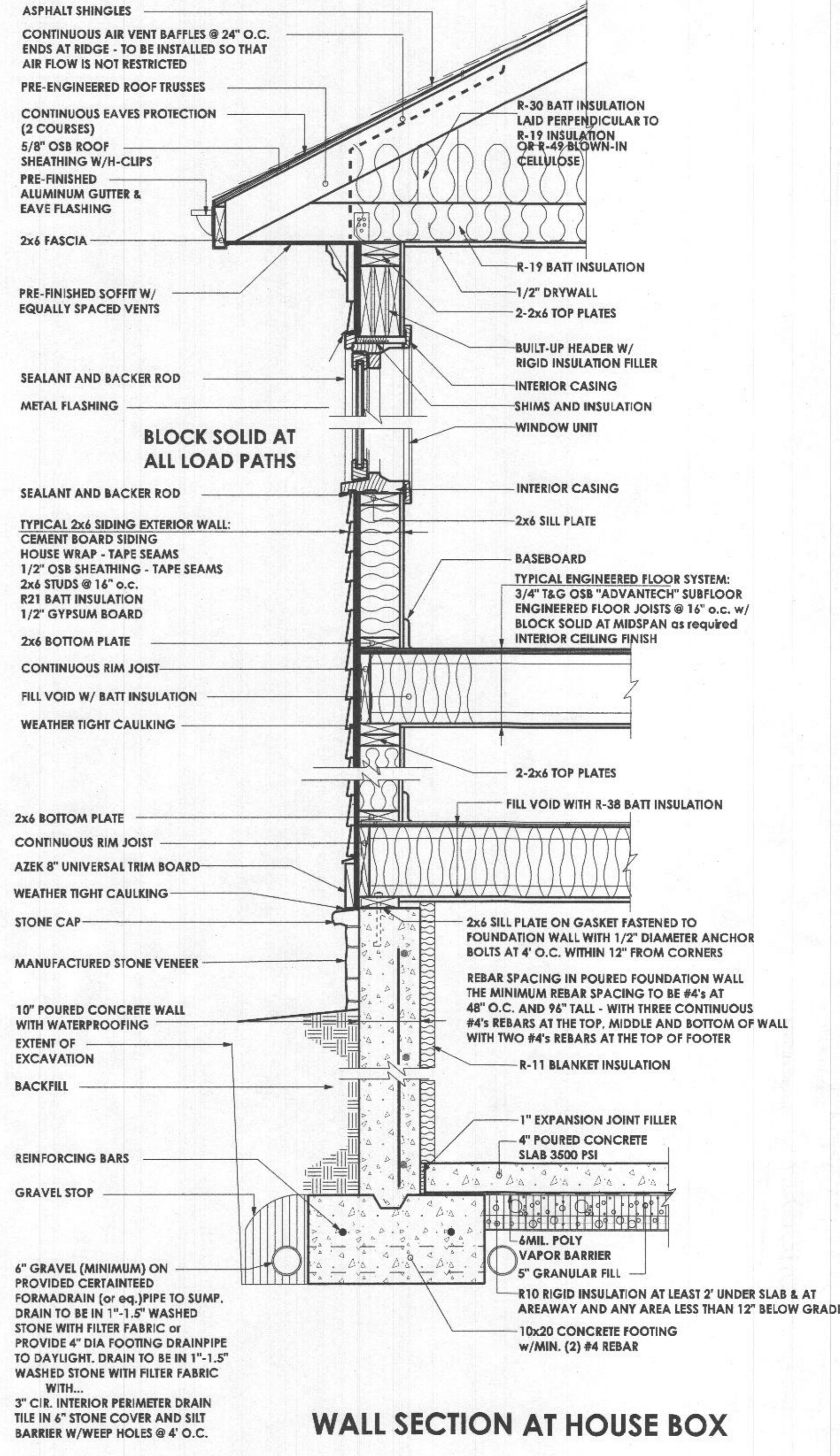
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WALL SECTIONS
5.04

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WALL SECTION AT GARAGE



WALL SECTION AT HOUSE BOX