

Keeny-Ferruzzi Residence



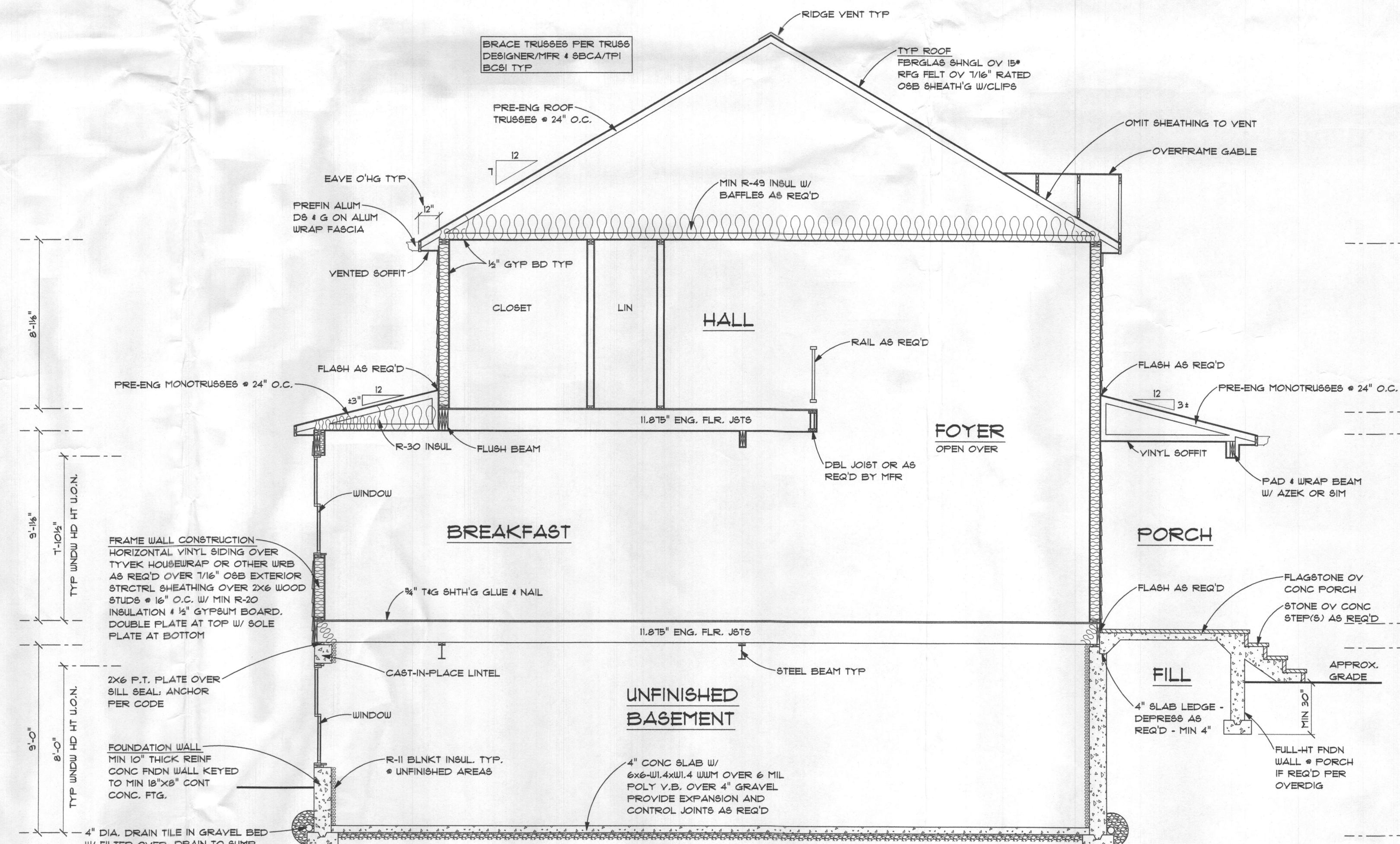
Rear Elevation
SCALE: 3/16" = 1'-0"



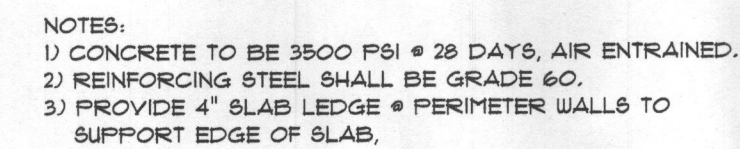
Right Elevation
SCALE: 3/16" = 1'-0"



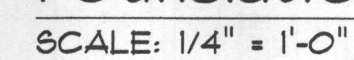
Left Elevation
SCALE: 3/16" = 1'-0"



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

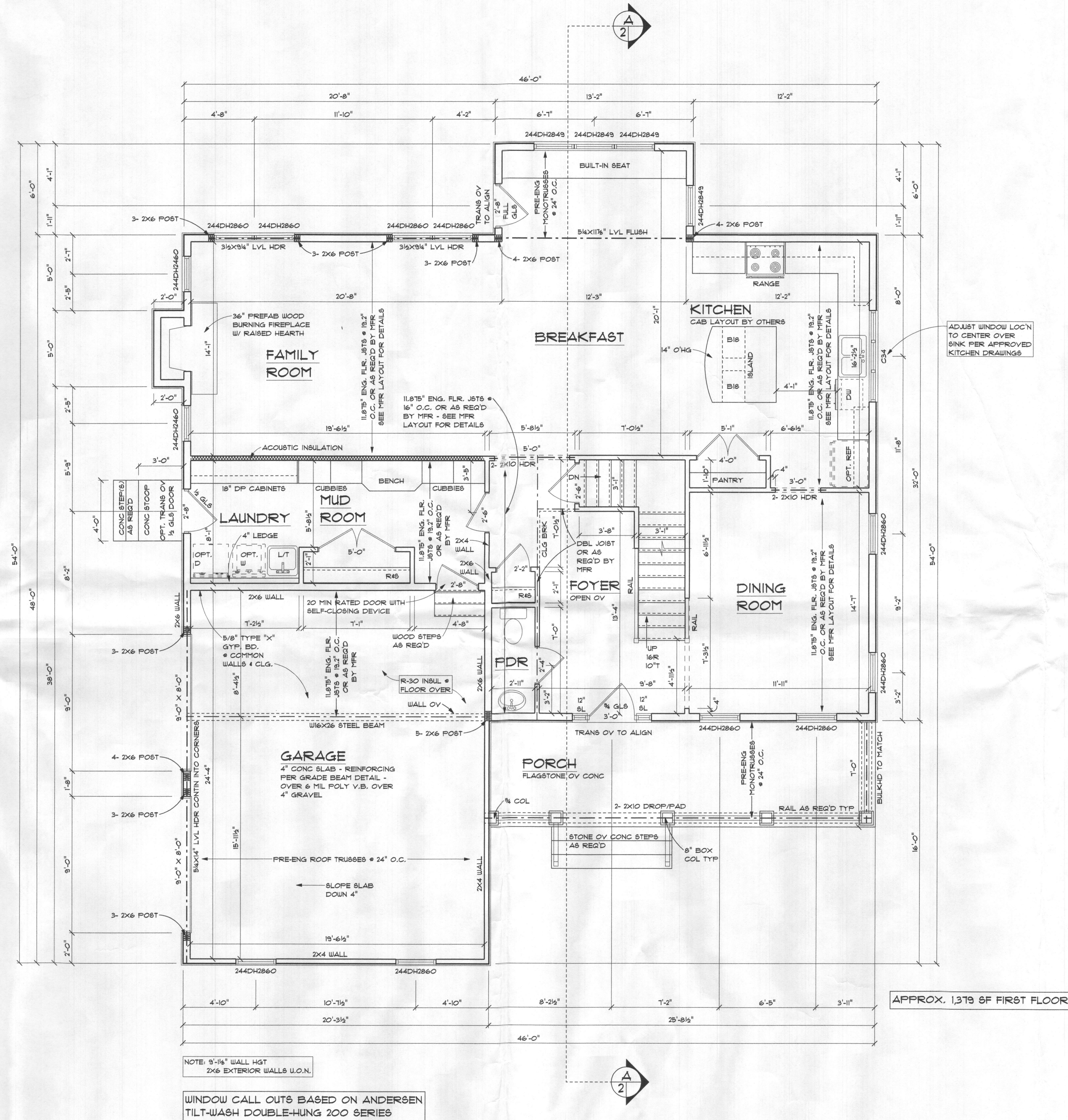


SCALE: 1/2" = 1'-0"



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LICENSED ARCHITECT UNDER THE
LAWS OF THE STATE OF
MARYLAND.
LICENSE NUMBER 10019
EXPIRATION DATE 07/14/2020

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Permit & Construction Set

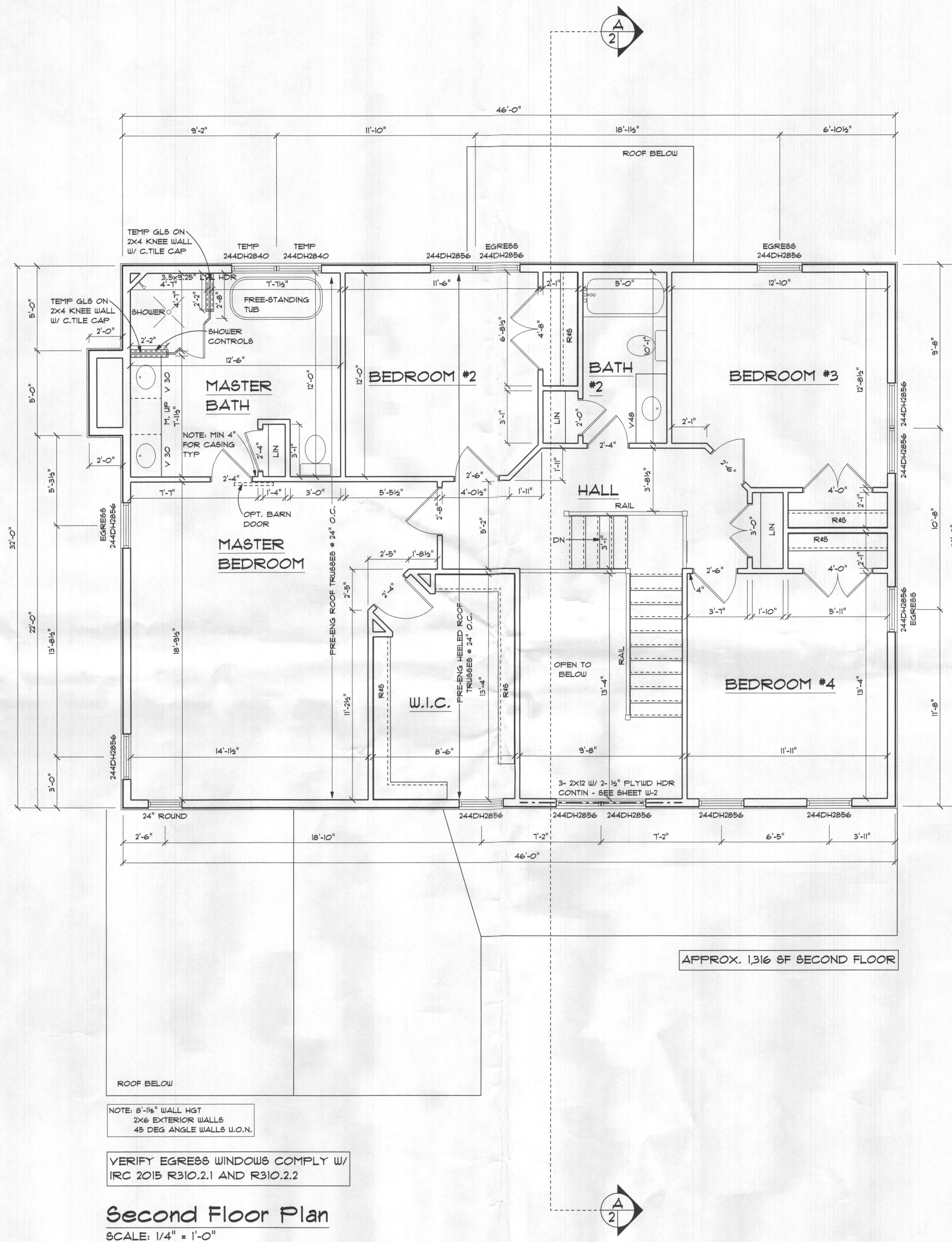
REVISIONS	
DATE	06-04-2019
SHEET NO.	A-4
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Keeny-Ferruzzi Residence

RONALD JOHNSTON AND
ASSOCIATES, ARCHITECTS

11407 BARLEY FIELD WAY
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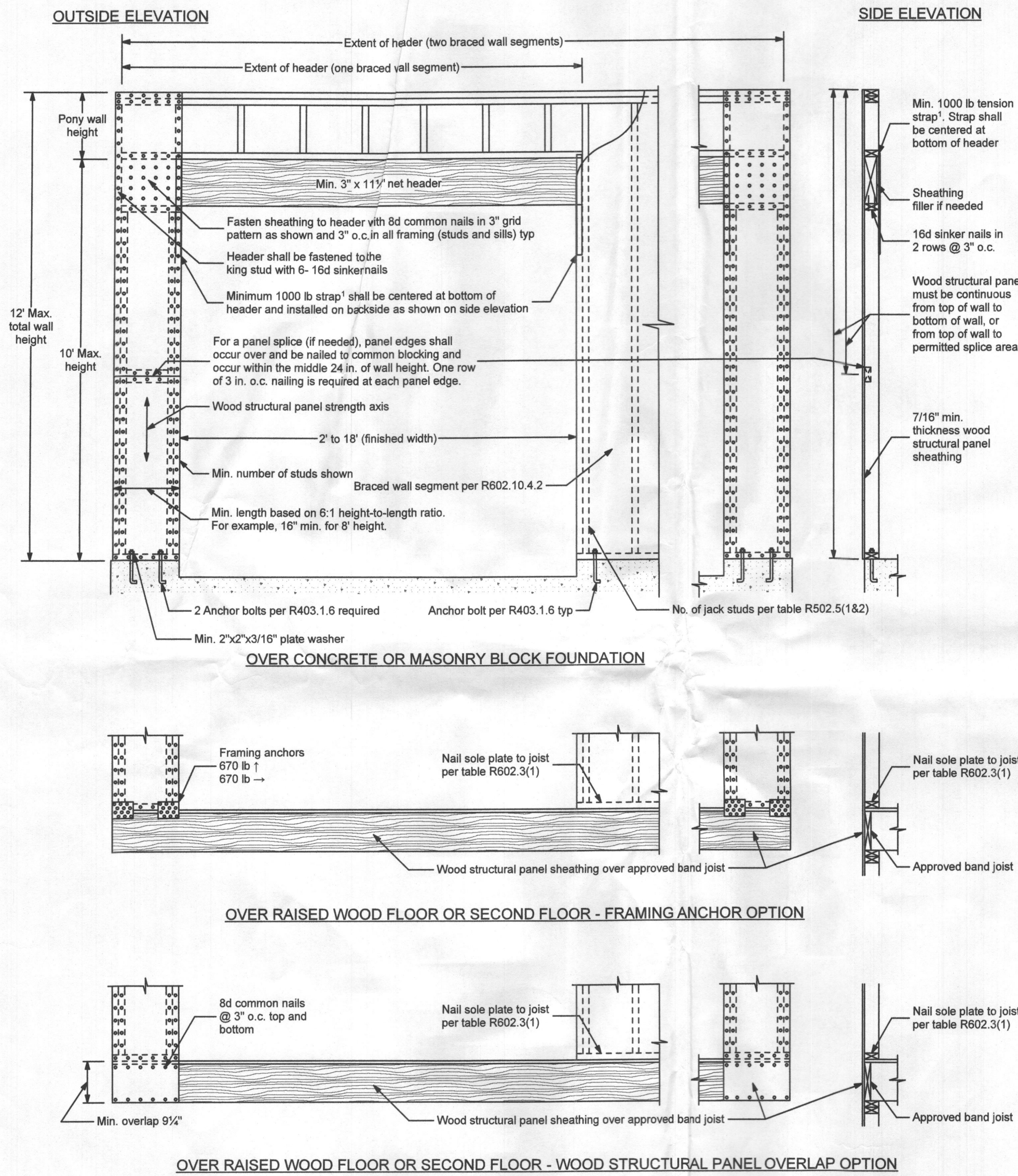
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NOTES

Methods WSP & CS-WSP: Min. 7/16" 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 7/16" OSB Wood Structural Panel sheathing fastened per IRC 2015 Tables R602.3(1), R602.3(2), and R602.3(3).

Method GB: Min. 1/2" gypsum board applied to each side of framing with adhesive and Type S or W screws @ 7" o.c. at panel edges and 24" o.c. at intermediate framing members or nails per IRC 2015 Table R702.3.5 @ 7" o.c. at panel edges and 16" o.c. at intermediate framing members.

Method LIB: Simpson WB/WBC straps installed in an "X" pattern on one face of wall; fasten with 2- 16d nails at top and bottom plates and 1- 8d nail per stud. 8' tall walls to use either WB106/WB106C installed at 60° from horizontal (4'-8" linear wall length) or WB126/WB126C installed at 45° from horizontal (8'-1" linear wall length); 9' tall walls to use WB126/WB126C installed at 53° from horizontal (6'-10" linear wall length); 10' tall walls to use WB143C installed at 45° from horizontal (10'-1" linear wall length).

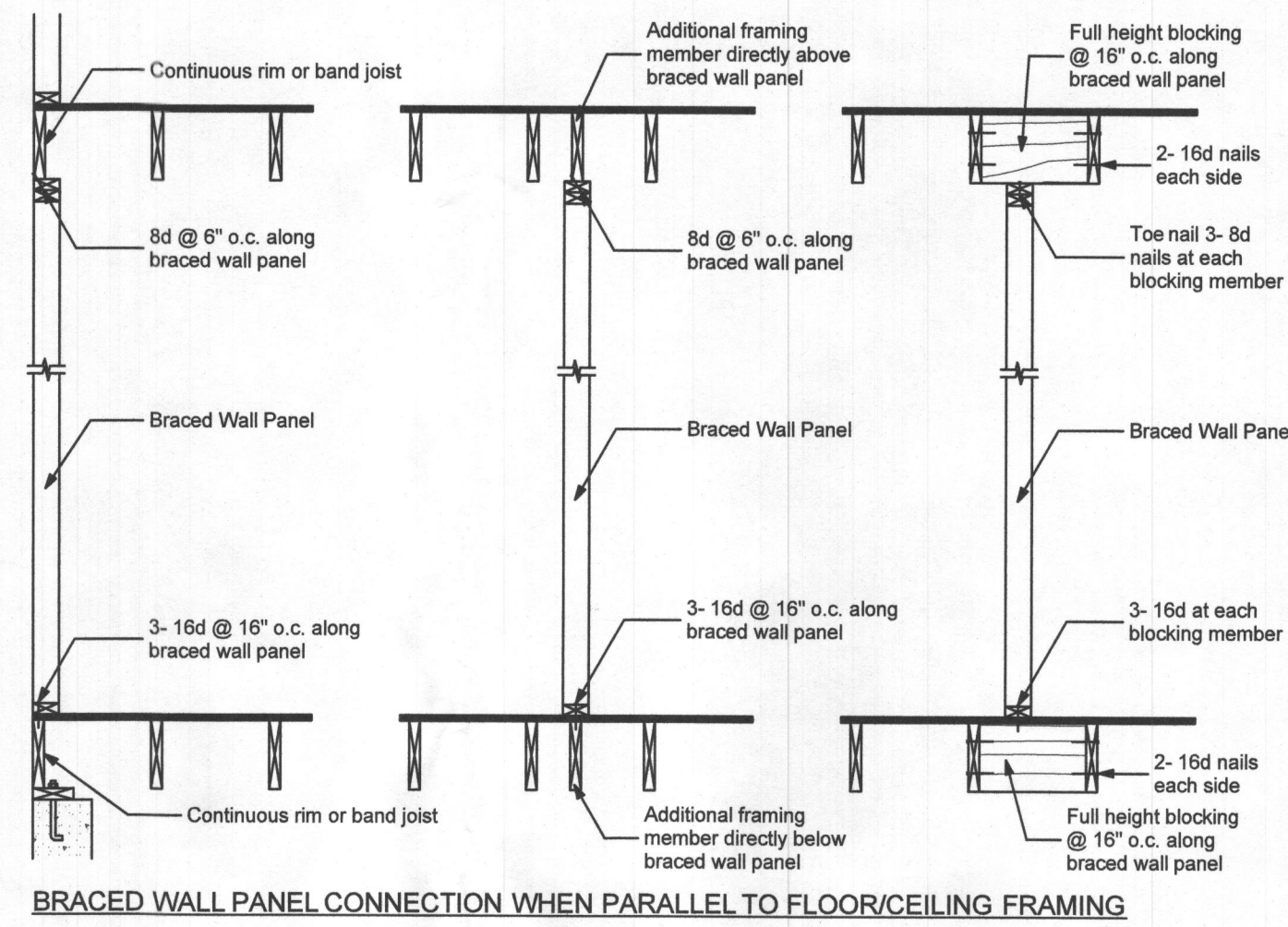
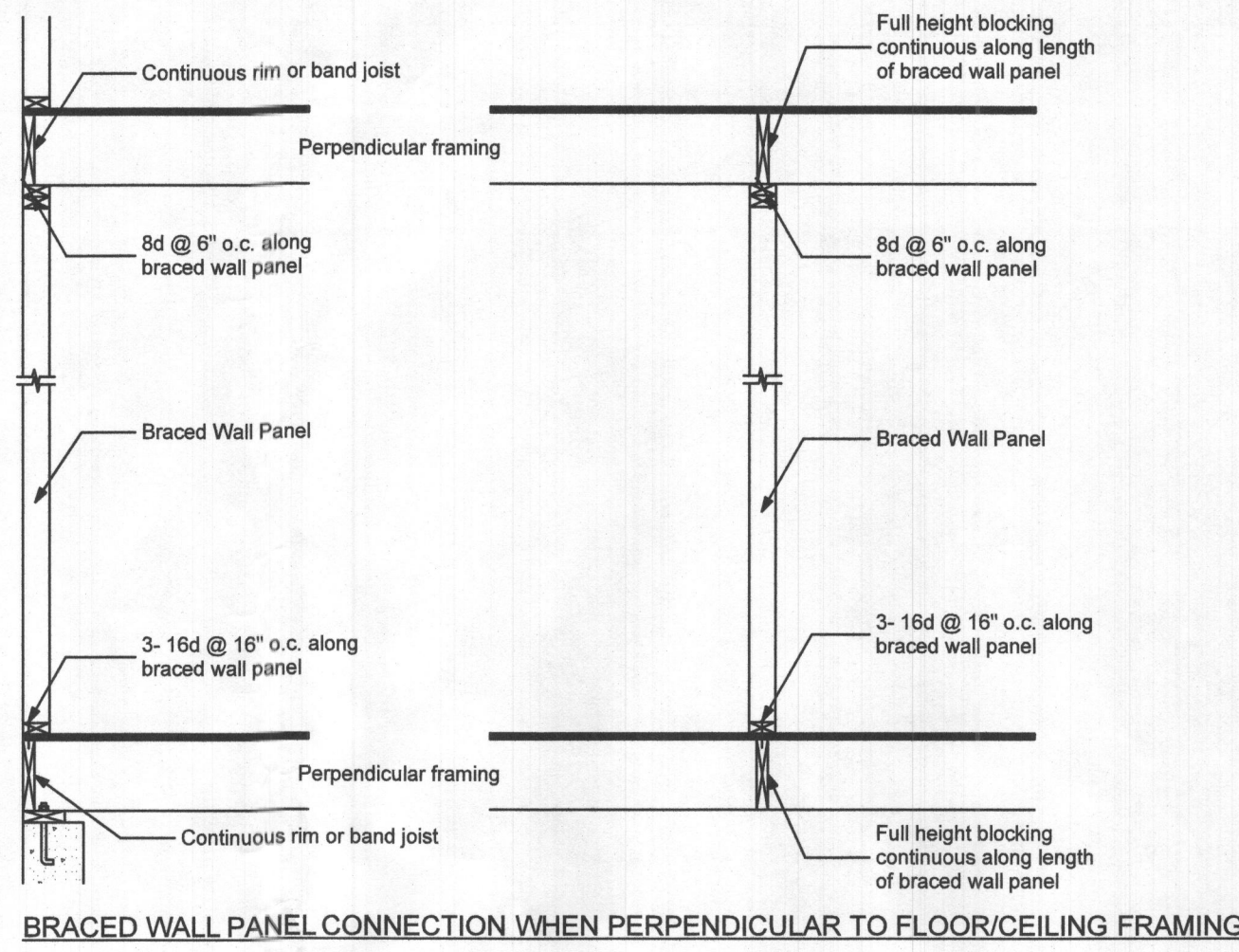


1Tension Strap Capacity Required for Method CS-PF

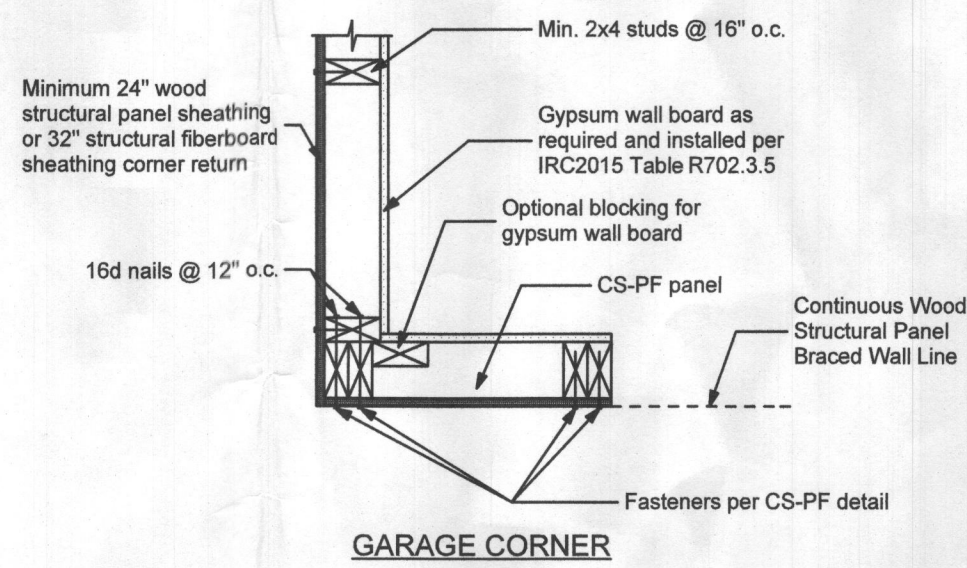
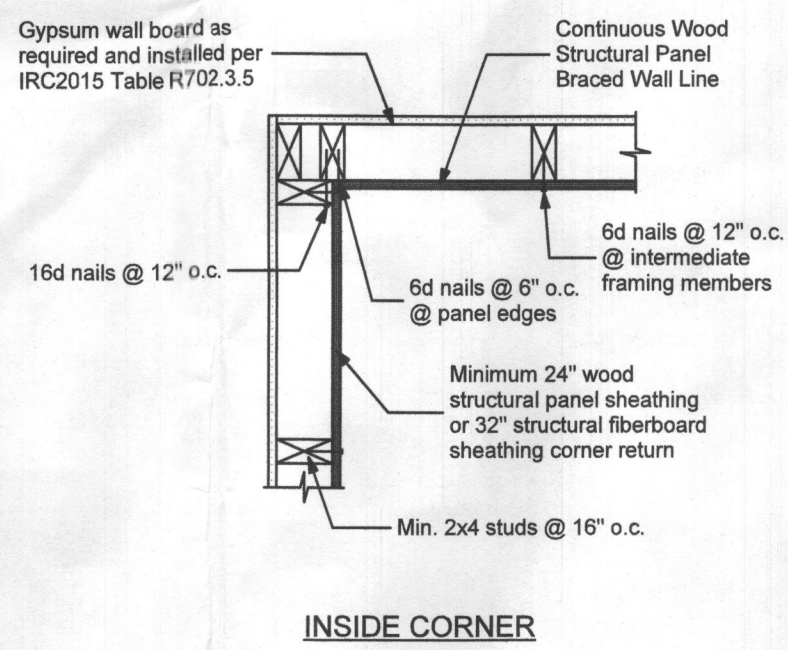
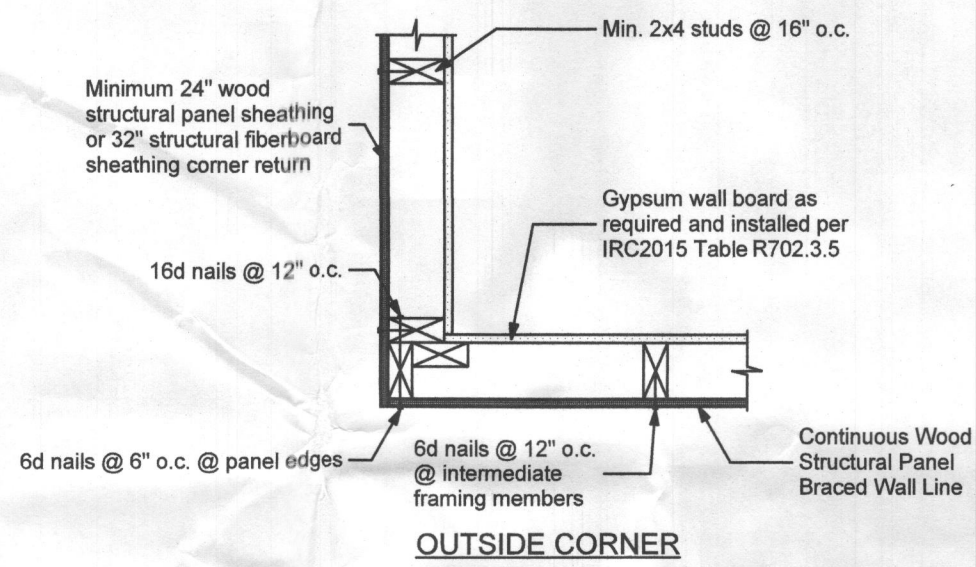
Minimum Wall Stud Framing Nominal Size and Grade	Maximum Pony Wall Height (feet)	Maximum Total Wall Height (feet)	Maximum Opening Width (feet)	Wind Exposure B Tension strap capacity required (lb)	Wind Exposure C Tension strap capacity required (lb)
2x4 No. 2 Grade	0	10	12	1000	1000
			16	1000	1000
			18	1025	2500
	1	10	12	1275	2850
			16	1000	1875
			18	2175	4125
	2	10	12	2500	DR
			16	1500	3175
			18	3375	DR
	4	12	12	3975	DR
			16	2750	DR
			18	3775	DR
2x6 Stud Grade	2	12	12	1000	2025
			16	2150	3675
			18	2550	DR
	4	12	12	1750	3125
			16	2400	DR
			18	3800	DR

Notes: 1. Ultimate Design Wind Speed of 115mph. For other Basic Wind Speeds, see IRC 2015 Table R602.10.6.4
2. DR = Design Required

CS-PF Continuous Portal Frame
NOT TO SCALE



Braced Wall Panel Connections to Floor and Ceiling Framing
NOT TO SCALE



Corner Framing Details
NOT TO SCALE

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STANDARD WIND BRACING DETAILS

REVISIONS

DATE 07/30/2018

SHEET NO. W-1

PROFESSIONAL CERTIFICATION

CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENS. NUMBER 3802 EXPIRATION DATE 2/28/2023

