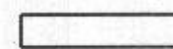
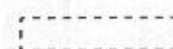




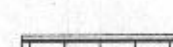
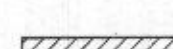
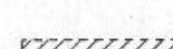
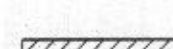



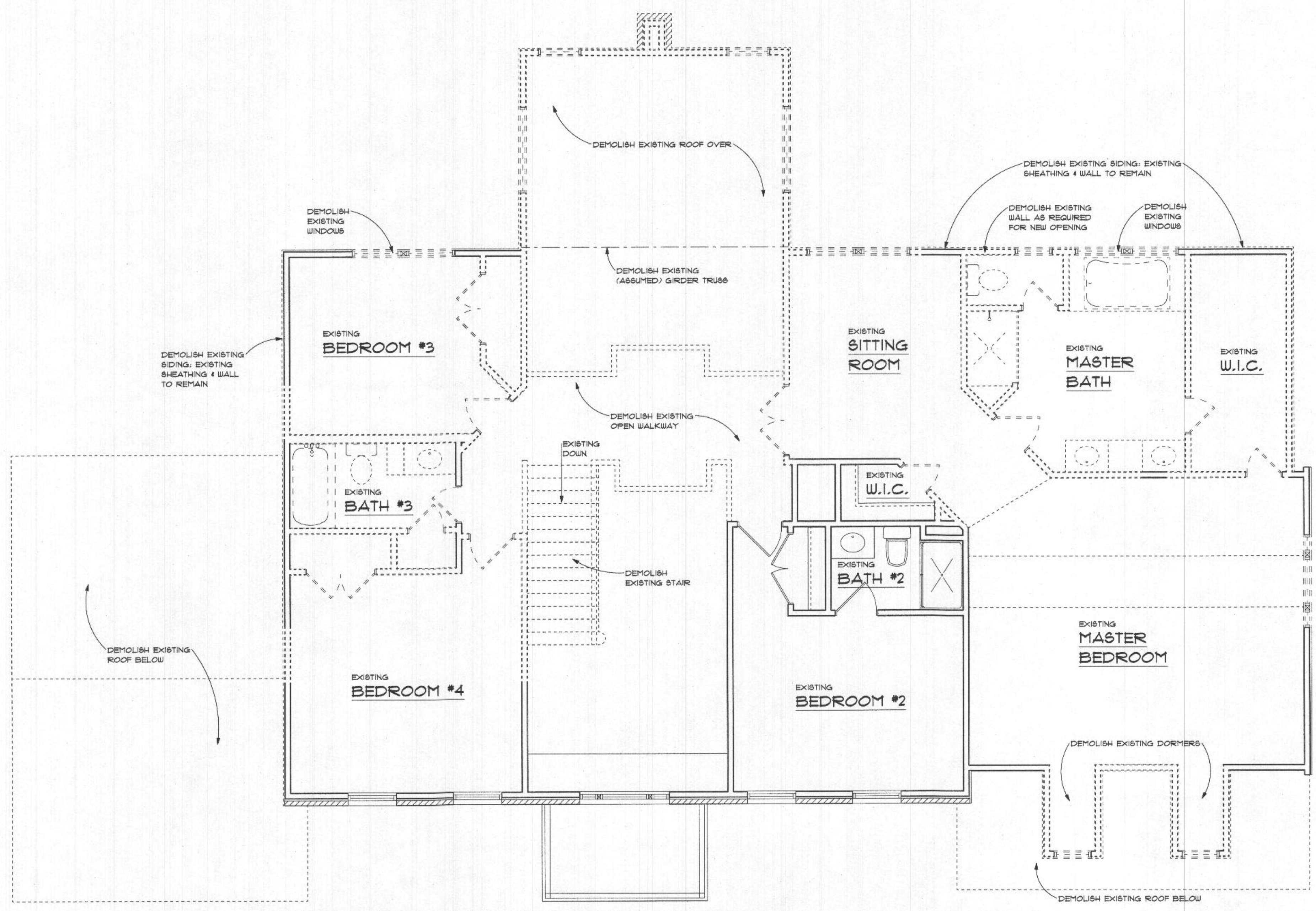


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 LICENSE NUMBER: 10019  
 EXPIRATION DATE: 07/15/2022

Proposed Additions and Alterations To  
**The Majmudar Residence**  
 12119 Dusk View Court, Clarksville, Maryland 21029

**Wall Key**

-  EXISTING CONC. FOUNDATION WALL TO REMAIN
-  EXISTING CONC. FOUNDATION WALL TO BE DEMOLISHED
-  NEW 8" CONC. FOUNDATION WALL ON NEW 16"x8" CONC. FOOTING
-  NEW 10" CONC. FOUNDATION WALL W/ 4" MASONRY LEDGE ON NEW 16"x8" CONC. FOOTING
-  EXISTING FRAME / SIDING EXTERIOR WALL TO REMAIN
-  EXISTING FRAME / SIDING EXTERIOR WALL TO BE DEMOLISHED
-  NEW 2x6 @ 16" O.C. FRAME / SIDING EXTERIOR WALL
-  EXISTING FRAME / BRICK VENEER EXTERIOR WALL TO REMAIN
-  EXISTING FRAME / BRICK VENEER EXTERIOR WALL TO BE DEMOLISHED
-  NEW 2x6 @ 16" O.C. FRAME / BRICK VENEER EXTERIOR WALL
-  EXISTING FRAME INTERIOR WALL TO REMAIN
-  EXISTING FRAME INTERIOR WALL TO BE DEMOLISHED
-  NEW 2x4 (2x6 WHERE NOTED) @ 16" O.C. FRAME INTERIOR WALL



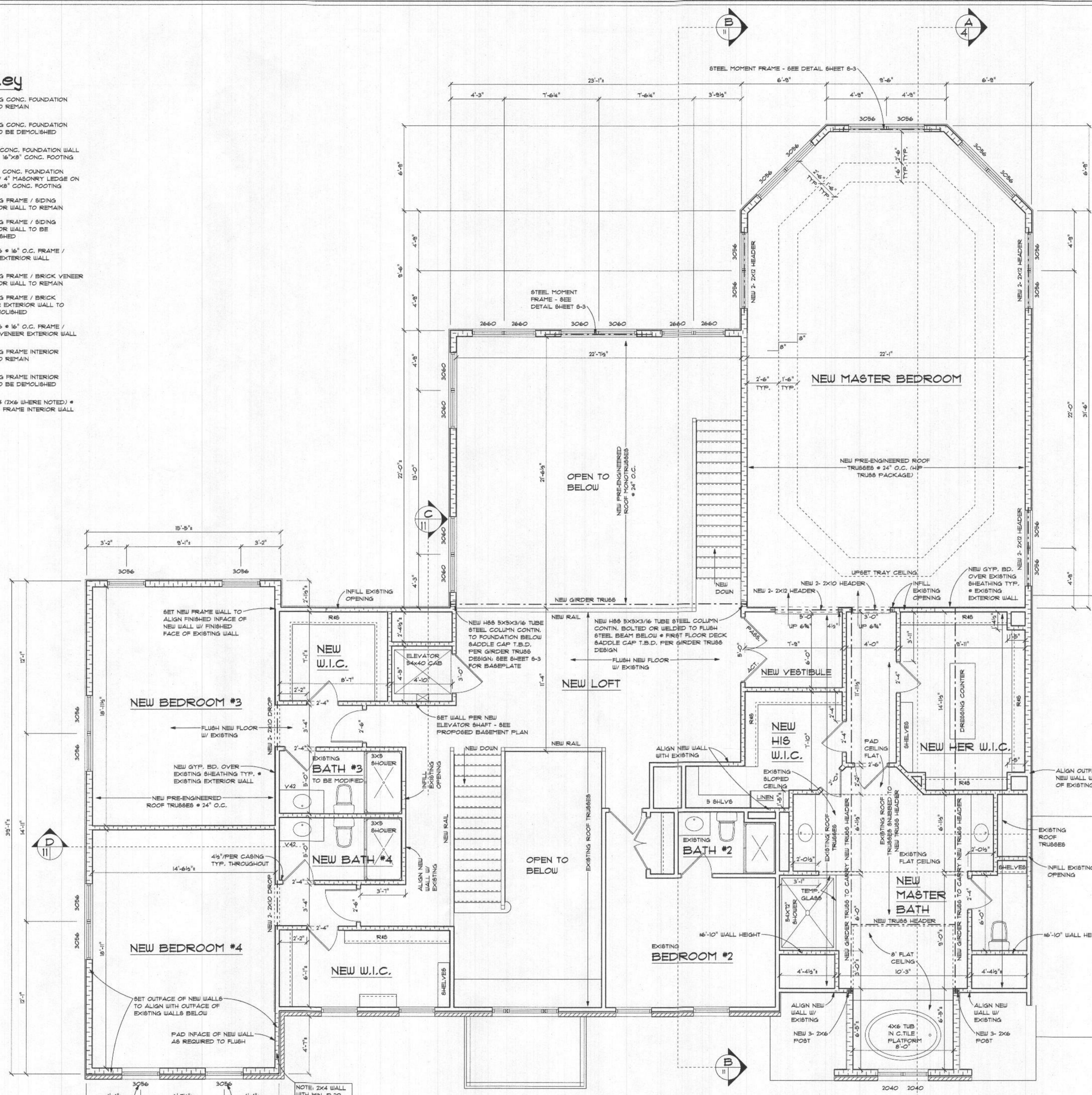
**Existing/Demolition Second Floor Plan**  
 SCALE: 1/4" = 1'-0"

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### Wall Key

- EXISTING CONC. FOUNDATION WALL TO REMAIN
- EXISTING CONC. FOUNDATION WALL TO BE DEMOLISHED
- NEW 8" CONC. FOUNDATION WALL ON NEW 16" CONC. FOOTING
- NEW 10" CONC. FOUNDATION WALL W/ 4" MASONRY LEDGE ON NEW 16" CONC. FOOTING
- EXISTING FRAME / SIDING EXTERIOR WALL TO REMAIN
- EXISTING FRAME / SIDING EXTERIOR WALL TO BE DEMOLISHED
- NEW 2x6 @ 16" O.C. FRAME / SIDING EXTERIOR WALL
- EXISTING FRAME / BRICK VENEER EXTERIOR WALL TO REMAIN
- EXISTING FRAME / BRICK VENEER EXTERIOR WALL TO BE DEMOLISHED
- NEW 2x6 @ 16" O.C. FRAME / BRICK VENEER EXTERIOR WALL
- EXISTING FRAME INTERIOR WALL TO REMAIN
- EXISTING FRAME INTERIOR WALL TO BE DEMOLISHED
- NEW 2x4 (2x6 WHERE NOTED) @ 16" O.C. FRAME INTERIOR WALL



NOTE: EXISTING ROOF TRUSSES ARE TO BE FIELD-SURVEYED BY TRUSS DESIGNER PRIOR TO START OF NEW TRUSS DESIGN. TRUSS DESIGNER TO DETERMINE FEASIBILITY OF TRUSS CONFIGURATION ILLUSTRATED IN THIS DRAWING.

**Proposed Second Floor Plan**  
SCALE: 1/4" = 1'-0"

**RONALD JOHNSTON AND ASSOCIATES, ARCHITECTS**  
11407 BARLEY FIELD WAY  
MARRIOTTVILLE, MD 21104 • 410-442-3667

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LICENSE NUMBER 10019  
EXPIRATION DATE 07/14/2022

Proposed Additions and Alterations To  
**The Majmudar Residence**  
12119 Dusk View Court, Clarksville, Maryland 21029

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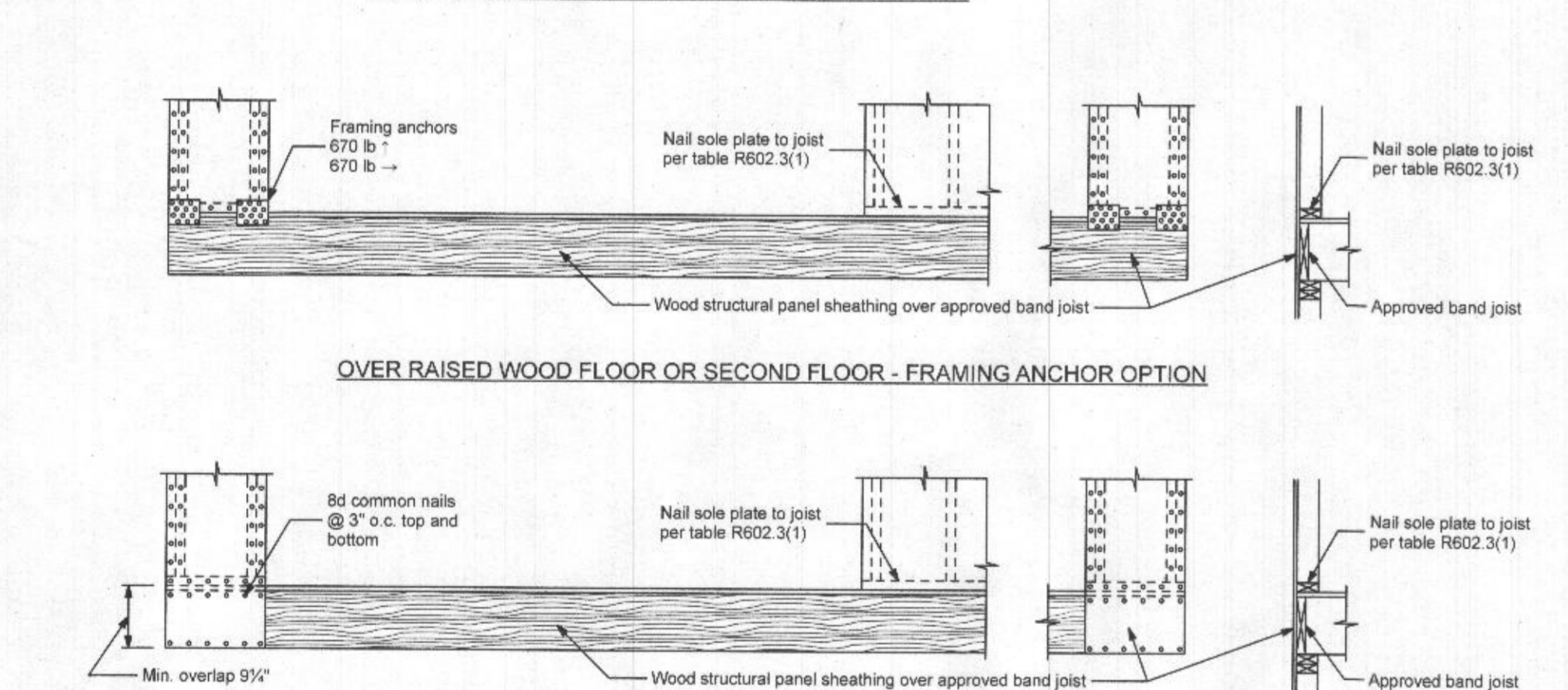
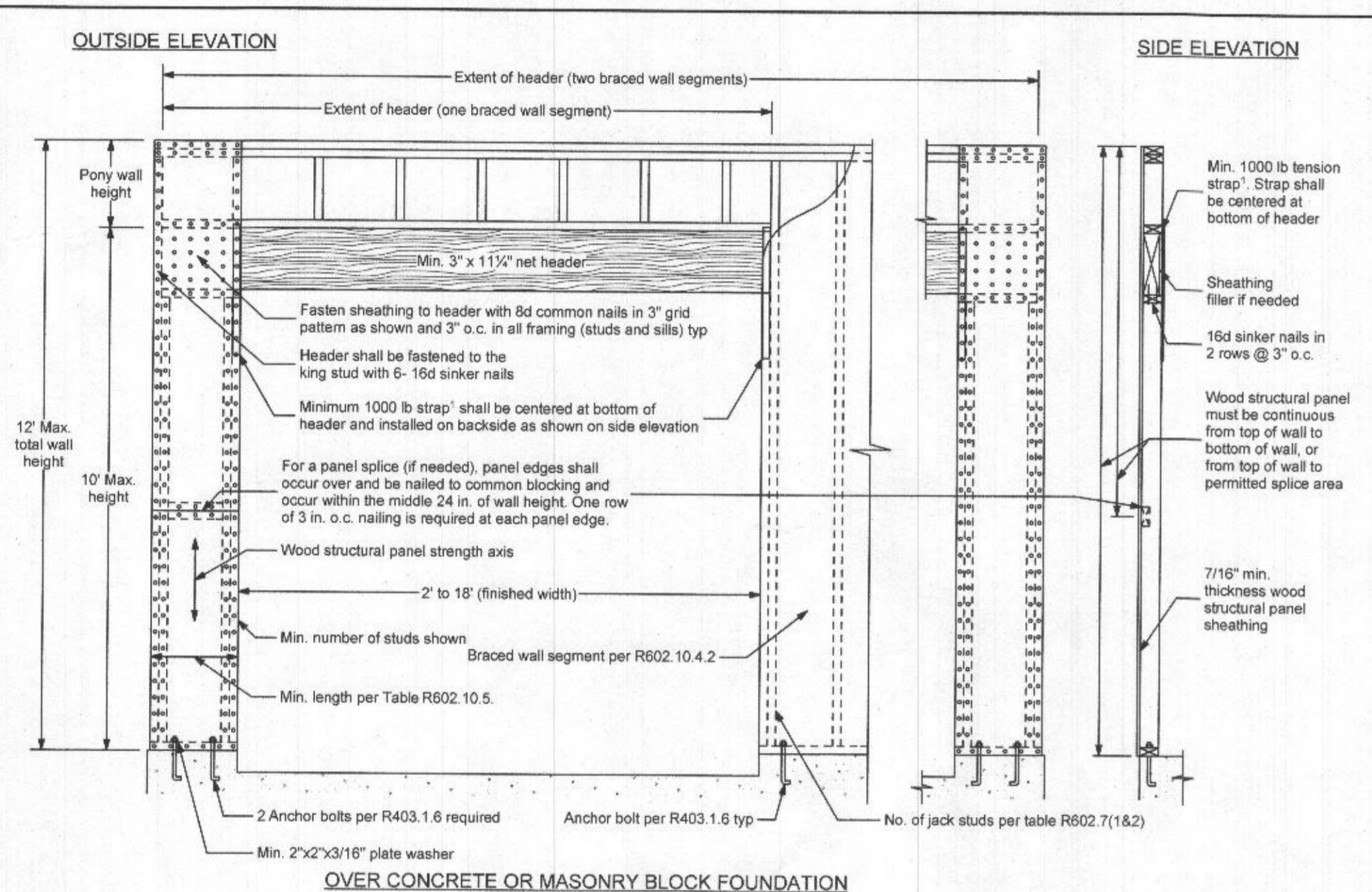
**NOTES**

**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 2018 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 or nails per IRC 2018 Table R702.3.5 @ 7" o.c. at panel edges and all 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).

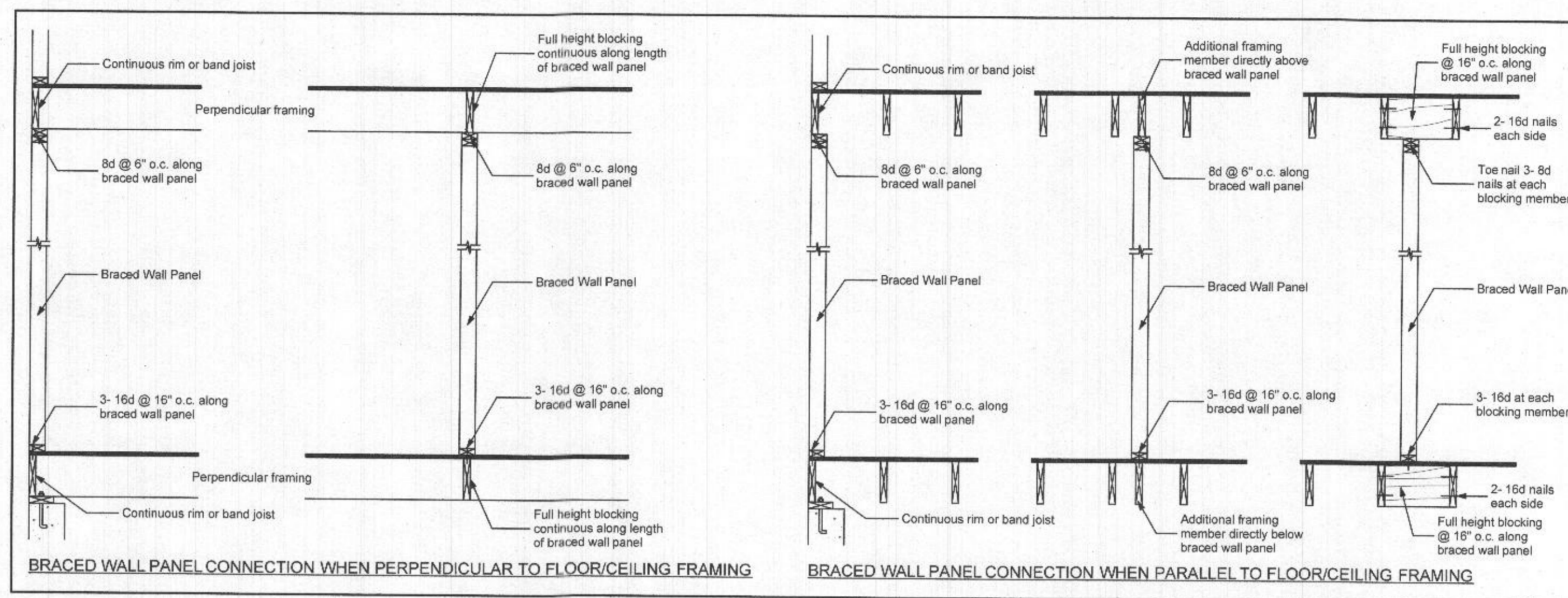


**1 Tension Strap Capacity Required for Method CS-PF**

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
2x4 No. 2 Grade	0	10	18	1000	1000
				9	1000
				16	1025
				18	1275
				9	1000
				16	1875
	2	10	18	2175	4125
				18	2500
				9	1500
				16	3375
				18	3975
				9	2750
2	12	18	3775	DR	
			9	1000	
			16	2150	
			18	2550	
			9	1750	
			16	2400	
2x6 Stud Grade	2	12	9	3125	
			16	2400	
			18	3800	
			9	1000	
			16	2150	
			18	2550	

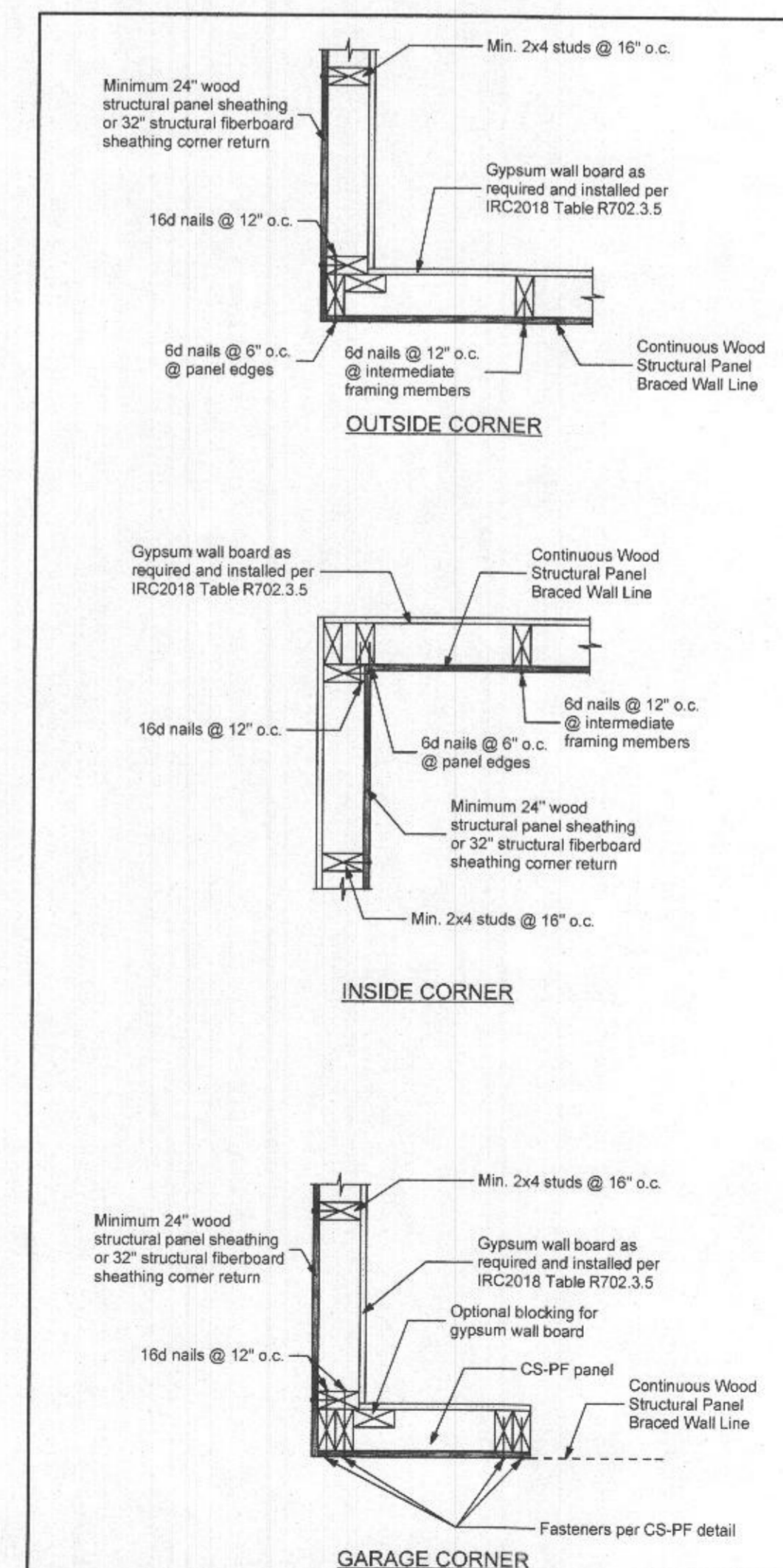
Notes: 1. Ultimate Design Wind Speed of 115mph. For other Basic Wind Speeds, see IRC 2018 Table R602.10.6.4  
2. DR = Design Required

**CS-PF Continuous Portal Frame**  
NOT TO SCALE



**Braced Wall Panel Connections to Floor and Ceiling Framing**

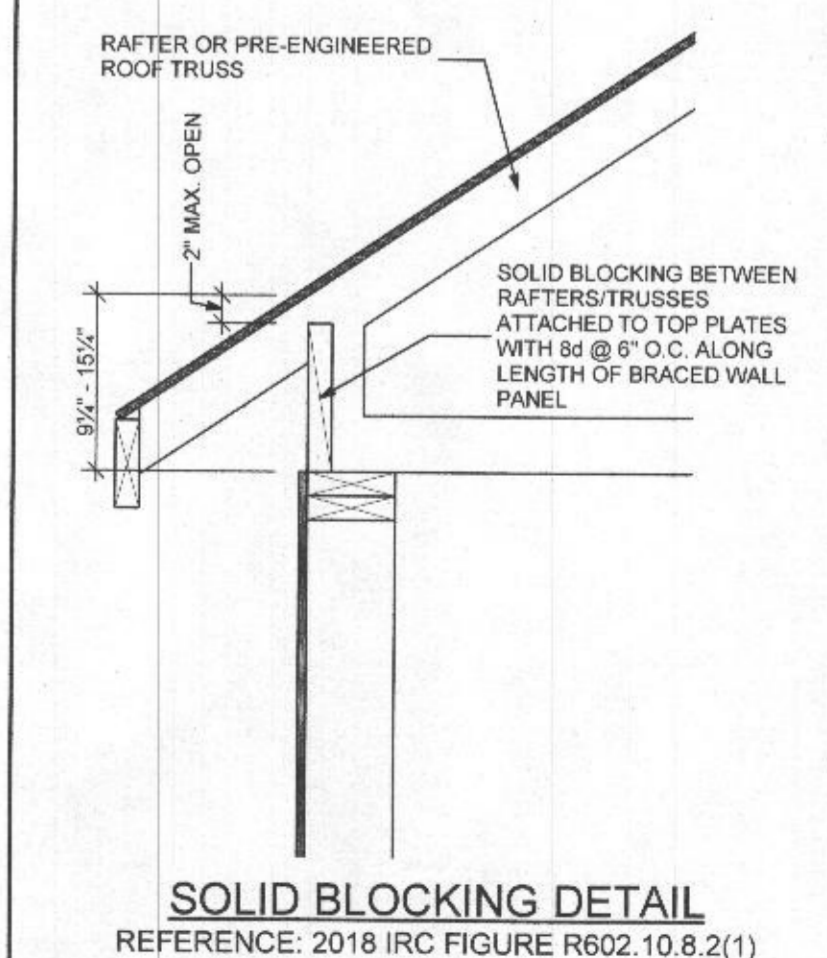
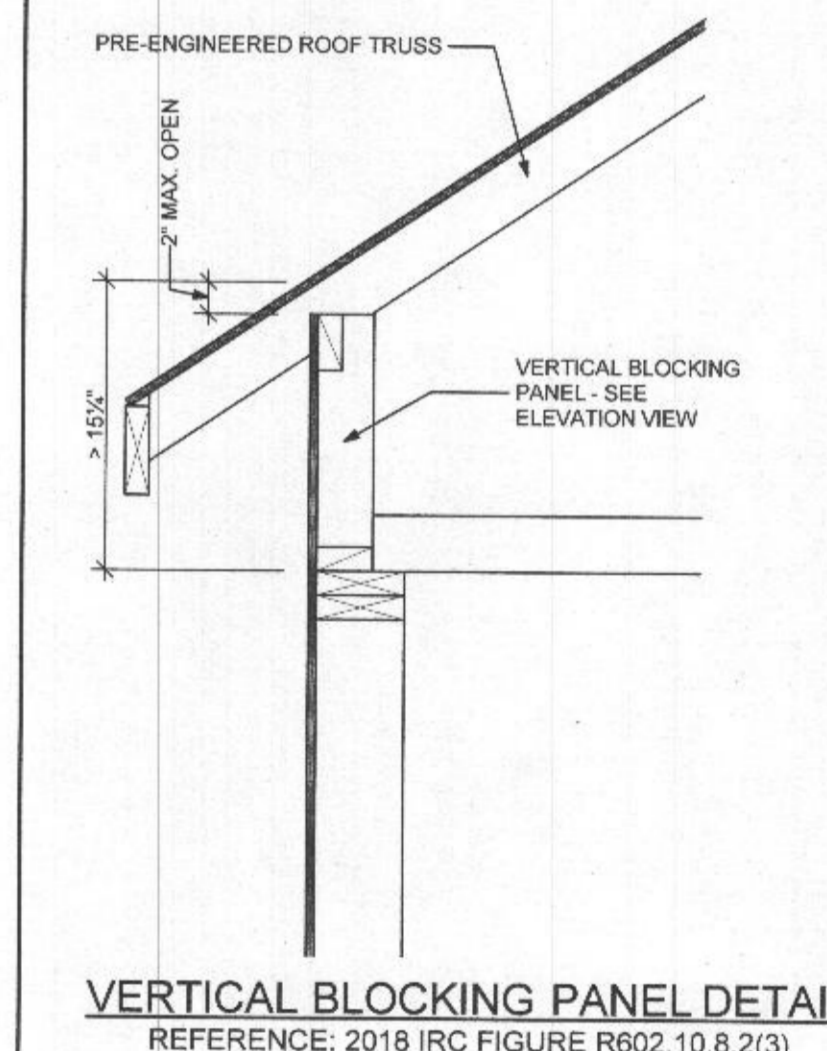
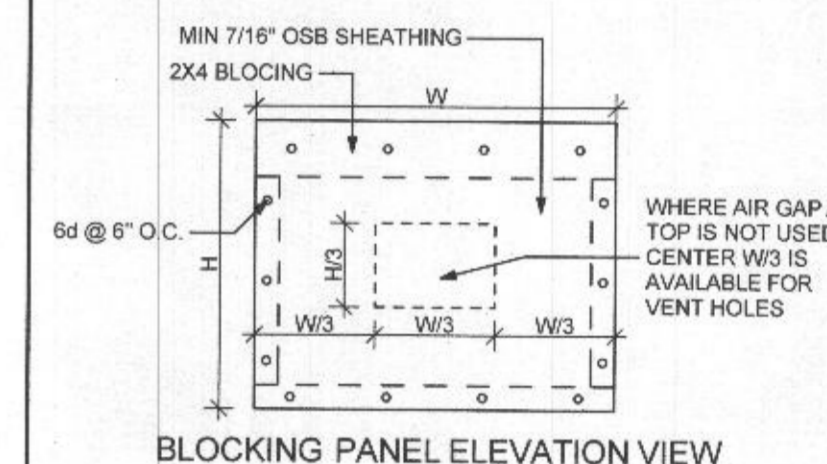
NOT TO SCALE



**Corner Framing Details**

NOT TO SCALE

- NOTES:**
- WHERE RAFTER OR TRUSS HEEL HEIGHT IS  $\leq 9\frac{1}{2}$ ", NO BLOCKING IS REQUIRED.
  - WHERE RAFTER OR TRUSS HEEL IS  $> 9\frac{1}{2}$ " AND  $\leq 15\frac{1}{4}$ ", BLOCKING PER SOLID BLOCKING DETAIL SHALL BE PROVIDED ABOVE ALL BRACED PANELS; SEE BRACING PLANS FOR LOCATIONS.
  - WHERE TRUSS HEEL IS  $> 15\frac{1}{4}$ ", BLOCKING PER VERTICAL BLOCKING PANEL DETAIL SHALL BE PROVIDED ABOVE ALL BRACED PANELS; SEE BRACING PLANS FOR LOCATIONS.



**Roof Blocking Details**

NOT TO SCALE

PROFESSIONAL CERTIFICATION

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LICENSE NUMBER: 10025  
EXPIRATION DATE: 03/31/2025

**Standard Wall Bracing Details**

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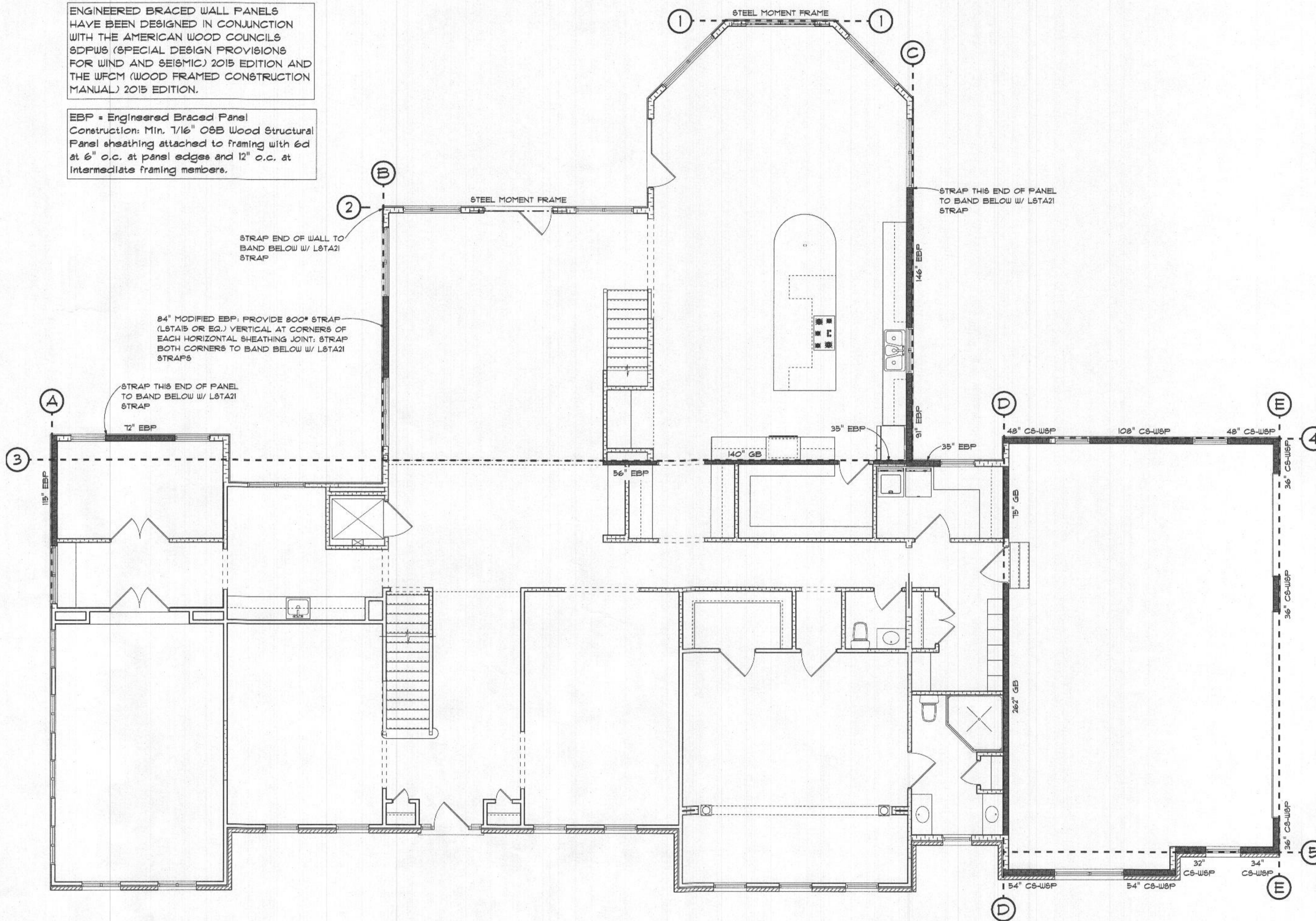
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ENGINEERED BRACED WALL PANELS HAVE BEEN DESIGNED IN CONJUNCTION WITH THE AMERICAN WOOD COUNCIL'S SDPWS (SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC) 2015 EDITION AND THE WFCM (WOOD FRAMED CONSTRUCTION MANUAL) 2015 EDITION.

EBP = Engineered Braced Panel  
Construction: Min. 1/16" O&B Wood Structural Panel sheathing attached to framing with 6d at 6" o.c. at panel edges and 12" o.c. at intermediate framing members.



Proposed First Floor Bracing Plan  
SCALE: 3/16" = 1'-0"



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7/15/2023

Proposed Additions and Alterations To

# The Majmudar Residence

12119 Dusk View Court, Clarksville, Maryland 21029

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