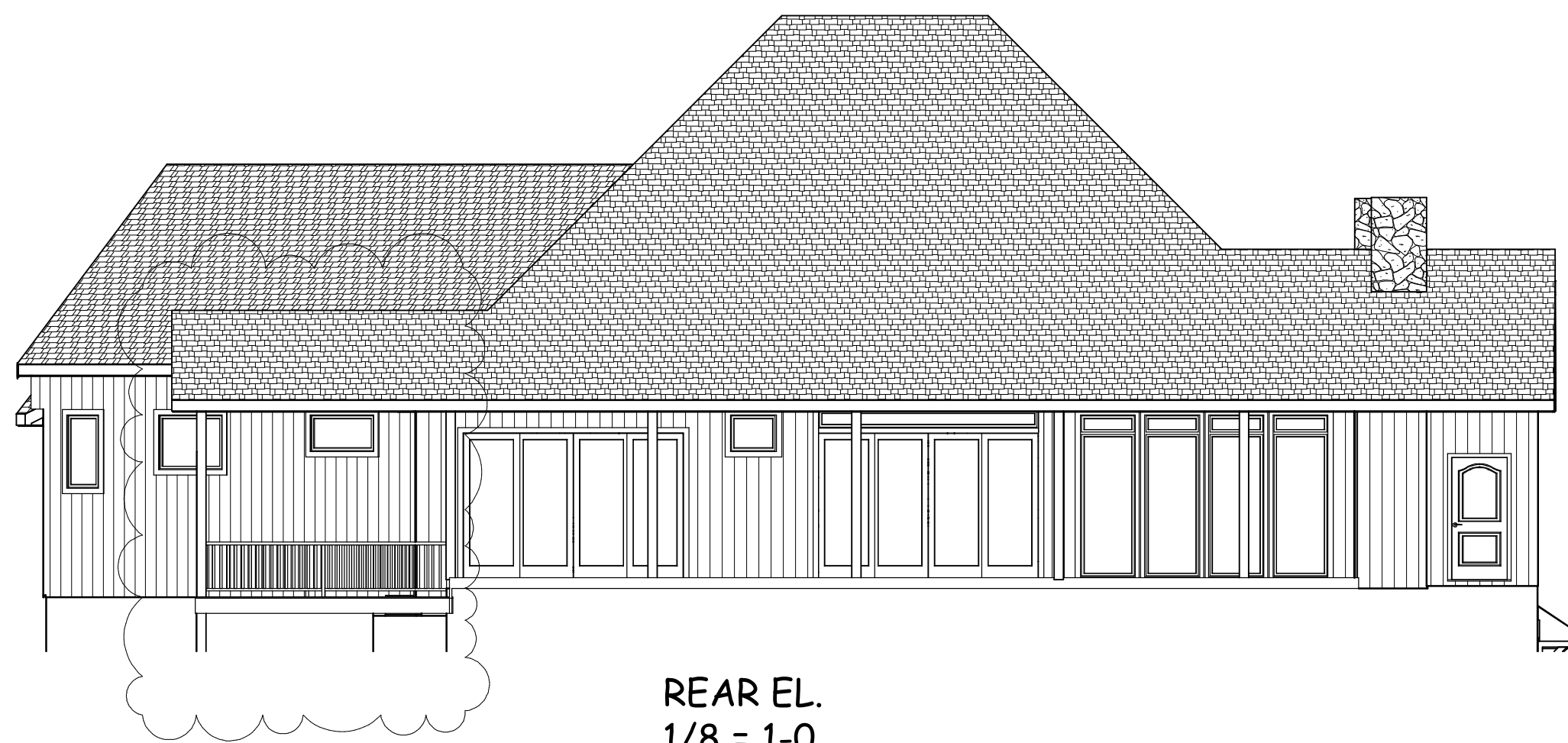


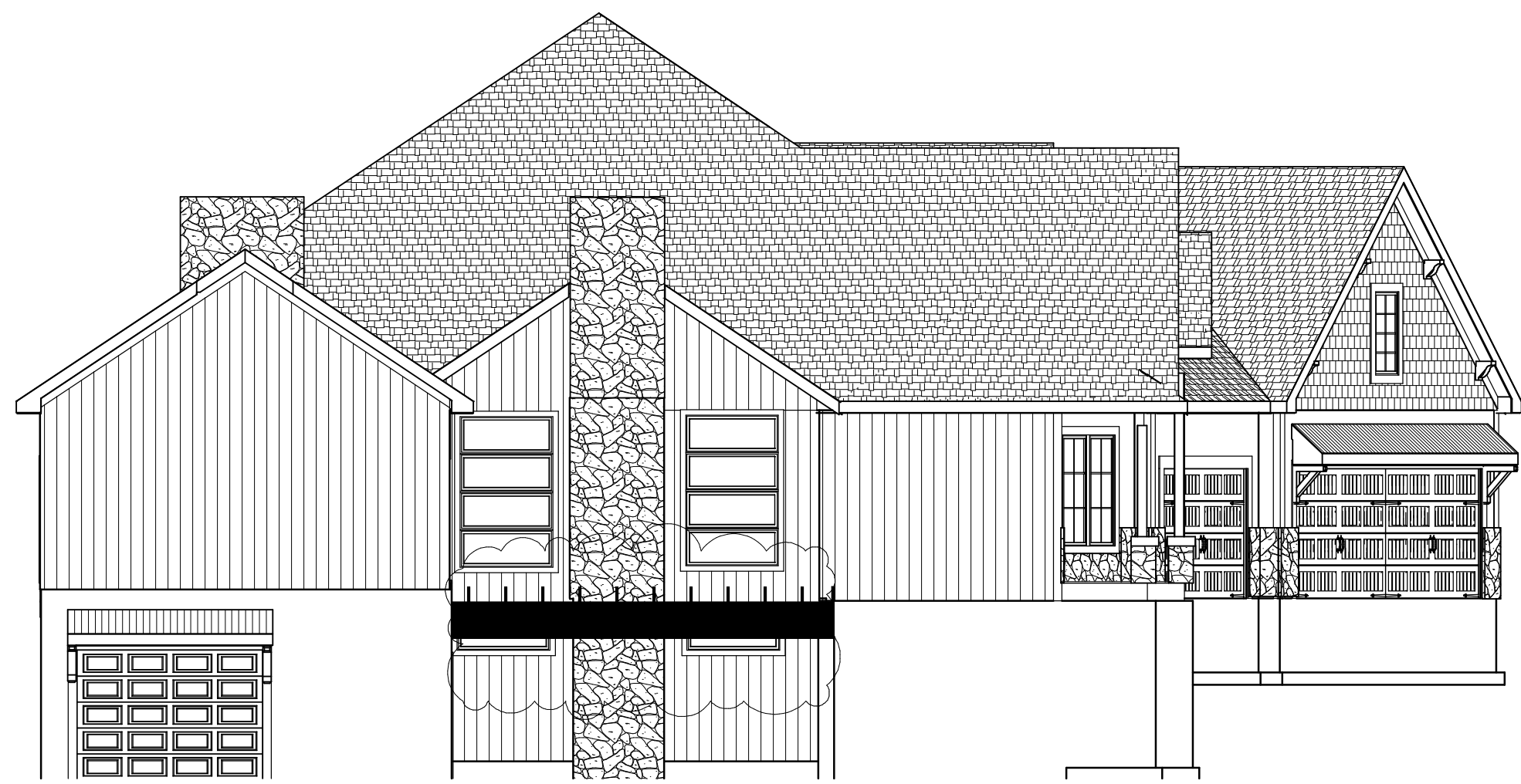
ROOF PLAN  
1/8" = 1'-0"  
SIDE TO SIDE 12/12 U.N.O.  
FRONT TO BACK 8/12 U.N.O.



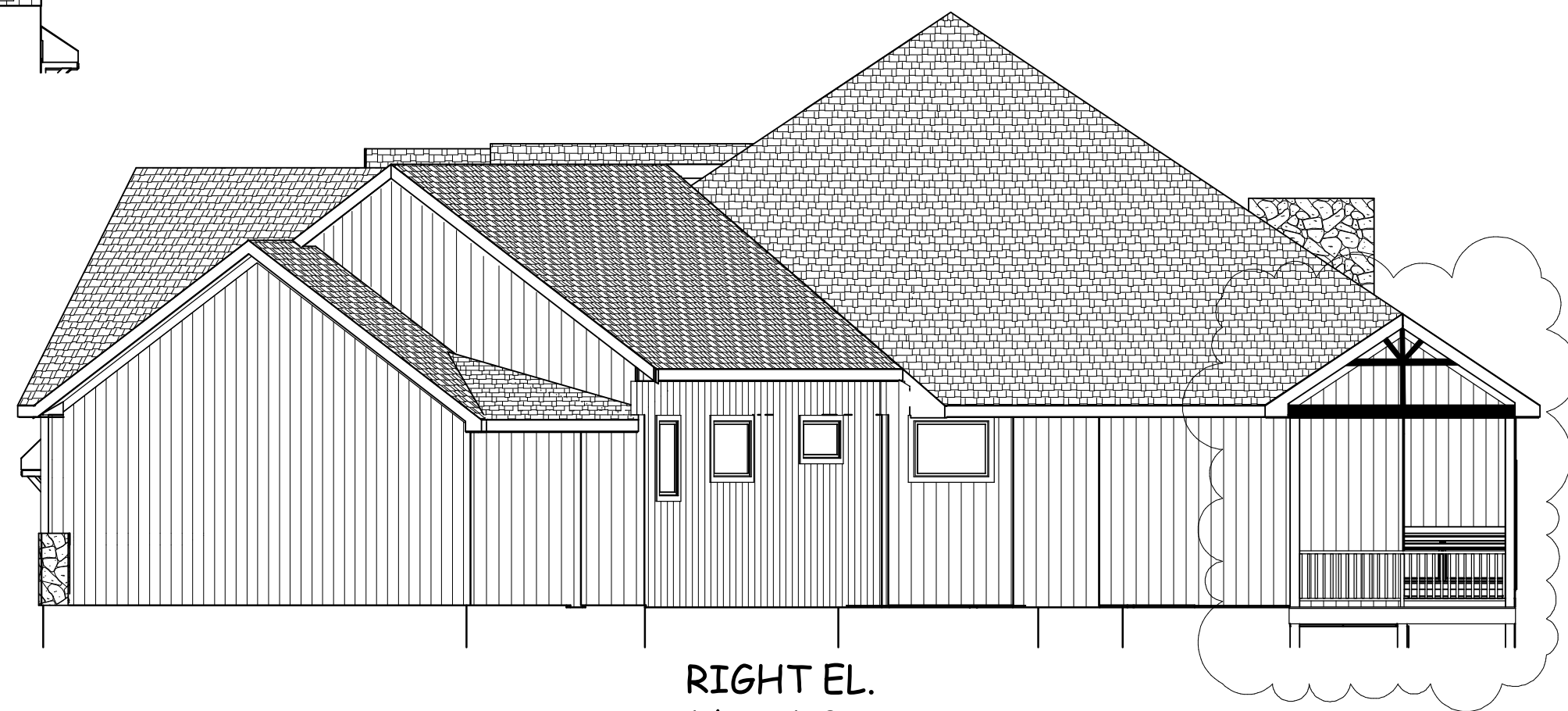
FRONT EL.  
STUCCO & STONE



REAR EL.  
1/8" = 1'-0"



LEFT EL.  
1/8" = 1'-0"



RIGHT EL.  
1/8" = 1'-0"



RELEASE FOR  
CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
Development Services  
LEE'S SUMMIT, MISSOURI

BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.

TRUMARK HOMES  
ADDED COVERED DECK BACK RIGHT SIDE &  
PERGOLA LEFT SIDE  
LOT 1441 WINTERSET  
2924 NW THOREAU DR  
LEE SUMMIT MO

SCALE  
1/4" = 1'-0"

DATE  
11-8-21

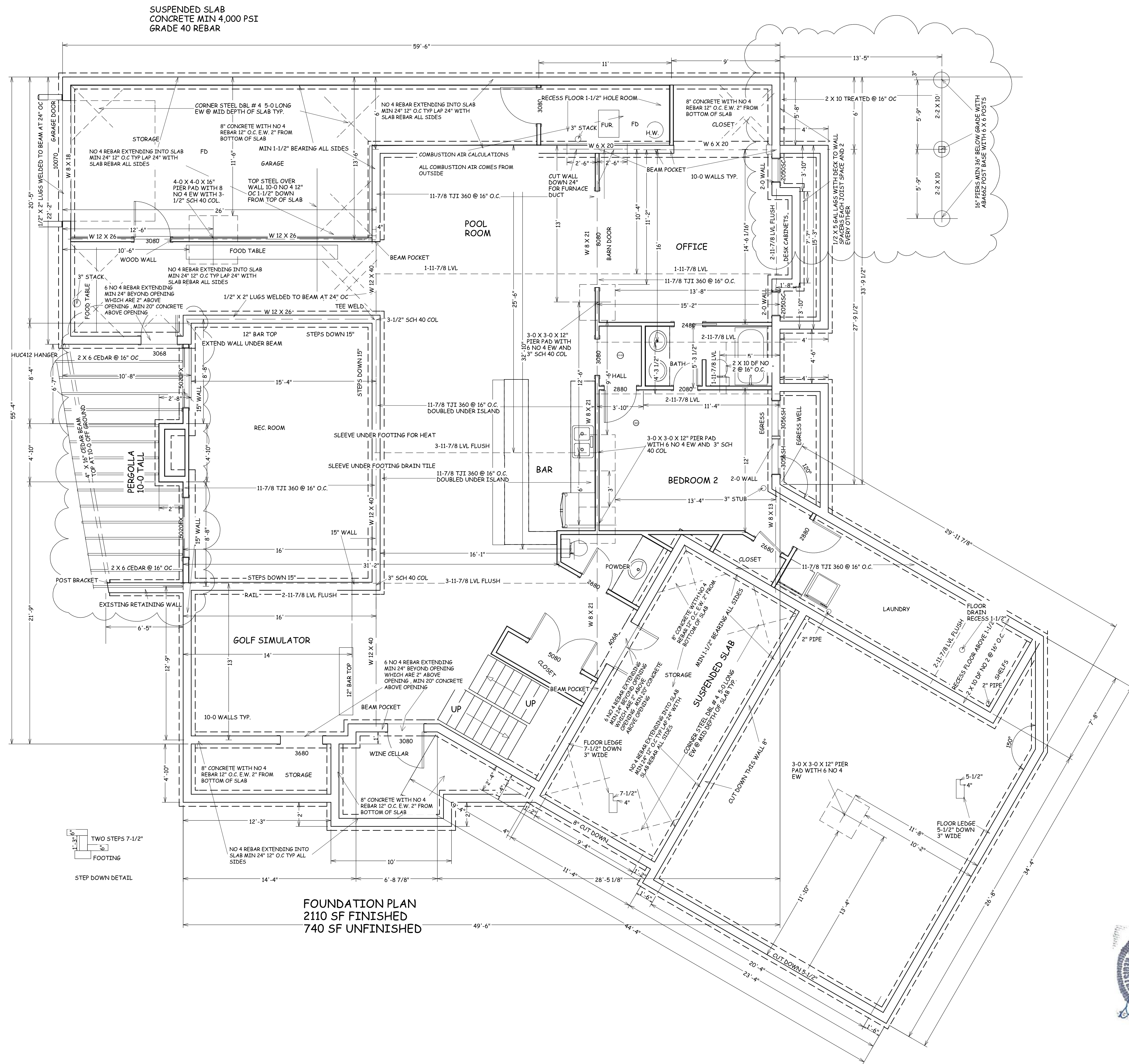
PLAN NO.

871-AMD

SHEET NO.

1 OF 5





BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.

TRUMARK HOMES  
ADDED COVERED DECK BACK RIGHT SIDE &  
PERGOLLA LEFT SIDE  
LOT 1441 WINTERSET  
2924 NW THOREAU DR  
LEE SUMMIT MO

SCALE  
1/4" = 1-0

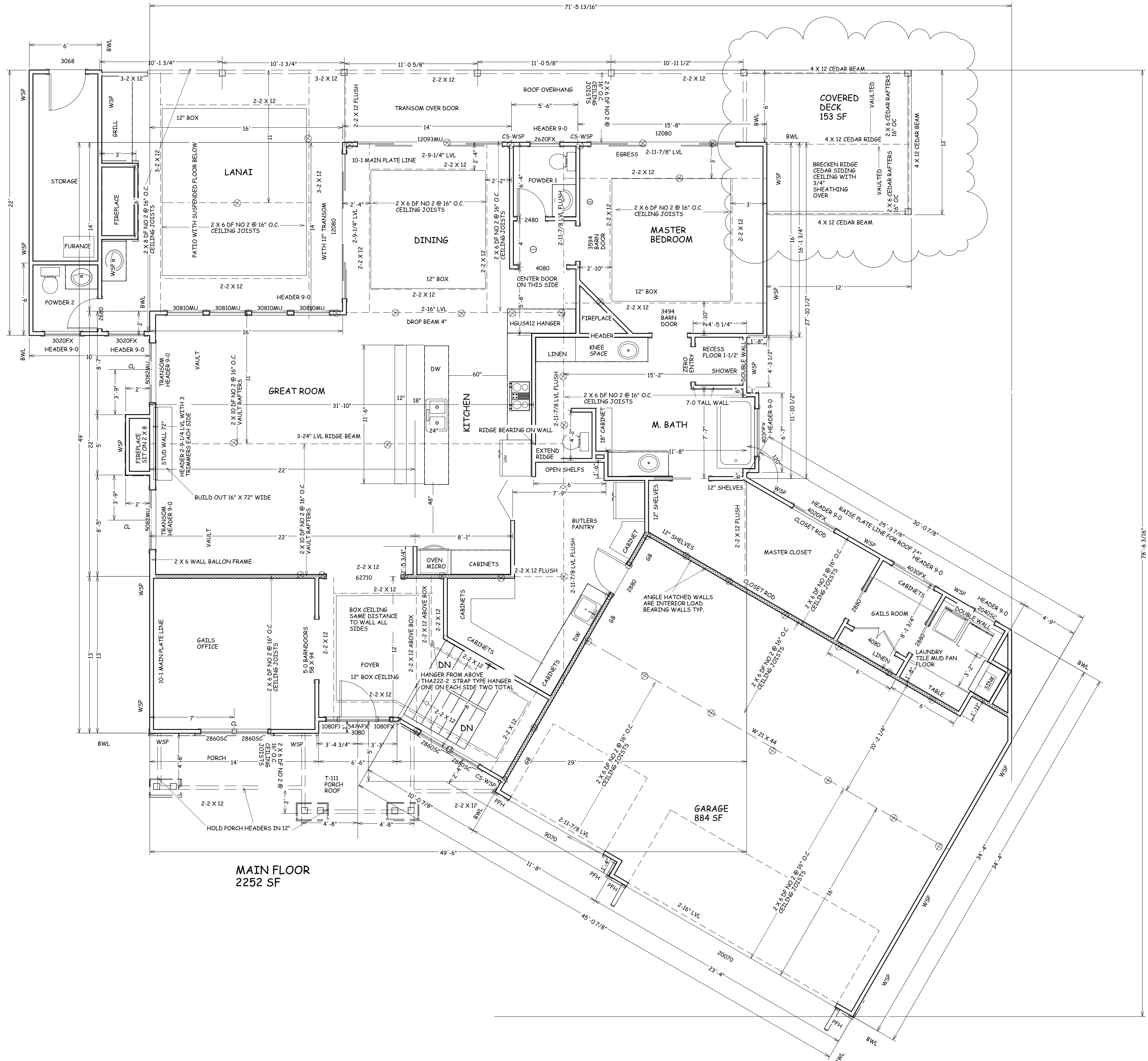
DATE  
11-8-21

PLAN NO.  
871-AMD

SHEET NO.







TRUMARK HOMES  
ADDED COVERED DECK BACK RIGHT SIDE &  
PERGOLA LEFT SIDE  
LOT 1441 WINTERSET  
2924 NW THOREAU DR  
LEE SUMMIT MO

BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
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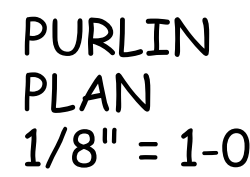
SCALE  
1/4" = 1-0

DATE  
11-8-21

PLAN NO.  
871-AMD

SHEET NO.





WINDOWS ARE TO HAVE FALL PROTECTION PER IRC 312.2

WINDOW SAFETY GLAZING PER 308

SAFETY GLAZING REQUIRED ALONG WALKING SURFACES AND STAIRS LOCATED WITHIN 36 INCHES HORIZONTALLY OF THE STEPS. SAFETY GLAZING REQUIRED IF EXPOSED SINGLE PANEL IS IN EXCESS OF 9 SQUARE FEET OR THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE THE FINISHED FLOOR.

SAFETY GLAZING REQUIRED WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE, SAFETY OR TEMPERED GLAZING IS REQUIRED.

WINDOWS ARE TO HAVE FALL PROTECTION PER IRC 312.2

## WINDOW EGRESS REQUIREMENTS

BEDROOM WINDOW EGRESS MINIMUM FOR A DOUBLE HUNG WINDOW IS 34 INCH CLEAR WIDTH MIN. AND 24 INCH CLEAR HEIGHT MIN. WITH A CLEAR OPENABLE AREA OF 5.7 SQUARE FEET MIN.

A CASEMENT OR SLIDER WINDOW MINIMUMS ARE 20 INCH CLEAR

MINIMUM 5.7 SQUARE FOOT OF OPENABLE AREA.  
OPENING OF EGRESS WINDOW NOT MORE THAN 42"  
FROM THE FLOOR

PIER PADS  
TYP. U.N.O. 3-0 X 3-0 X 12" PEIR PADS MIN  
WITH # 4 REBAR, 6 EACH WAY

TYP VAULT WITH STRAPS

OVERHEAD GARAGE DOORS  
MUST MEET DASHA 115 MPH  
OR IRC 2018 REQUIREMENTS

**BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.**

TRUMARK HOMES  
ADDED COVERED DECK BACK RIGHT SIDE &  
PERGOLLA LEFT SIDE  
LOT 1441 WINTERSET  
2924 NW THOREAU DR  
LEE SUMMIT MO

SCALE  
1/4" = 1'-0"

DATE  
11-8-21

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SHEET NO.

4 OF 5  
RELEASE FOR  
CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
Development Services  
LEE'S SUMMIT, MISSOURI





EXPOSURE CATEGORY B 30-FOOT MEAN ROOF HEIGHT 10-FOOT WALL HEIGHT 2 BRACED WALL LINES			MINIMUM TOTAL LENGTH (FEET) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE*				
Ultimate Design Wind Speed (mph)	Story Location	Braced Wall Line Spacing* (feet)	Method LIB*	Method GB	Methods DWB, WSP, SFB, PFS, PCP, HPS, BV-WSP, ABW, PFF, PFO, CS-SFB	Methods CS-WSP, CS-G, CS-PF	
≤ 115		10	3.5	3.5	2.0	2.0	
		20	6.5	6.5	3.5	3.5	
		30	9.5	9.5	5.5	4.5	
		40	12.5	12.5	7.0	6.0	
		50	15.0	15.0	9.0	7.5	
		60	18.0	18.0	10.5	9.0	
		10	7.0	7.0	4.0	3.5	
		20	12.5	12.5	7.5	6.5	
		30	18.0	18.0	10.5	9.0	
		40	23.5	23.5	13.5	11.5	
		50	29.0	29.0	16.5	14.0	
		60	34.5	34.5	20.0	17.0	
		10	NP	10.0	6.0	5.0	
		20	NP	18.5	11.0	9.0	
		30	NP	27.0	15.5	13.0	
		40	NP	35.0	20.0	17.0	
		50	NP	43.0	24.5	21.0	
		60	NP	51.0	29.0	25.0	

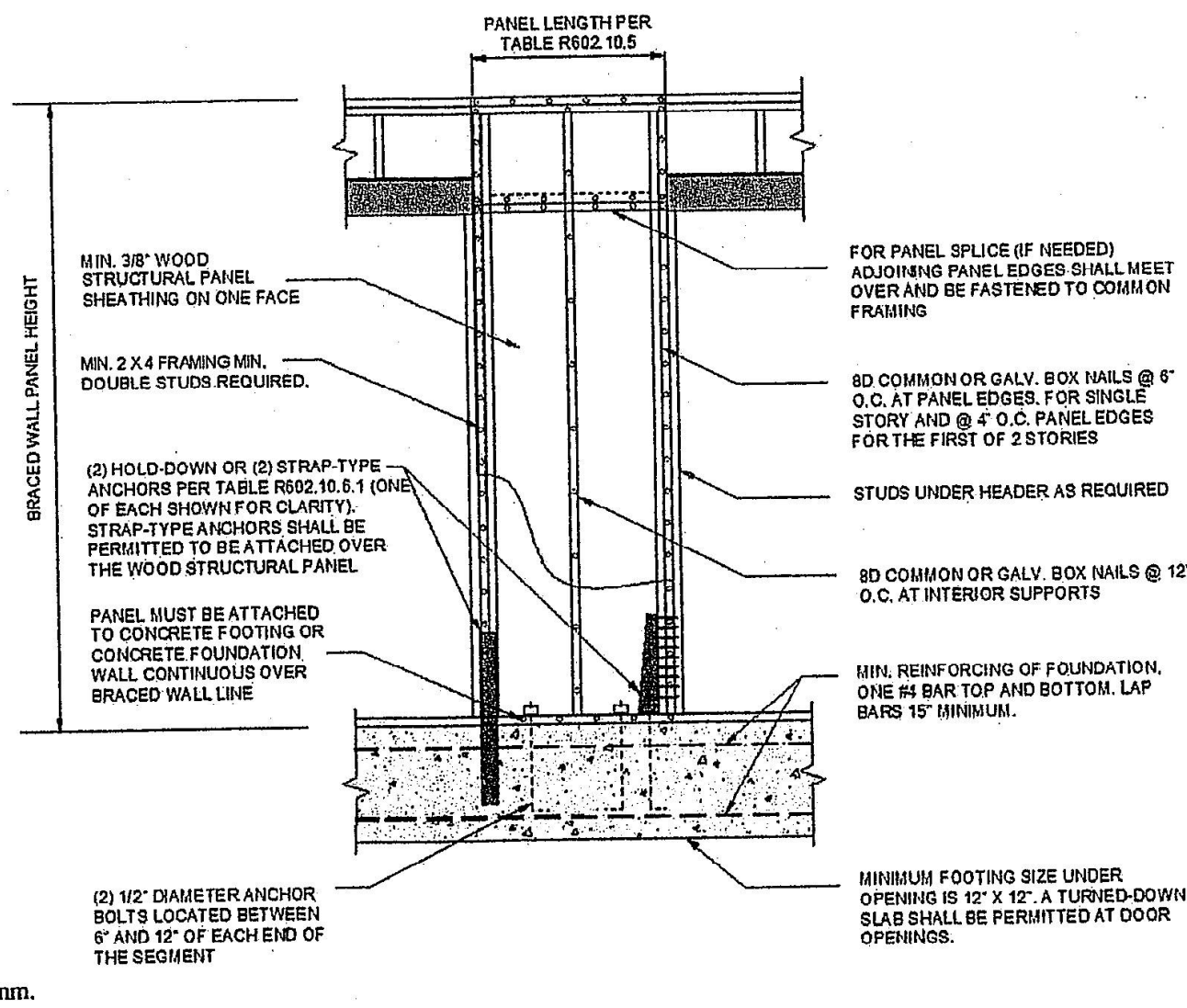
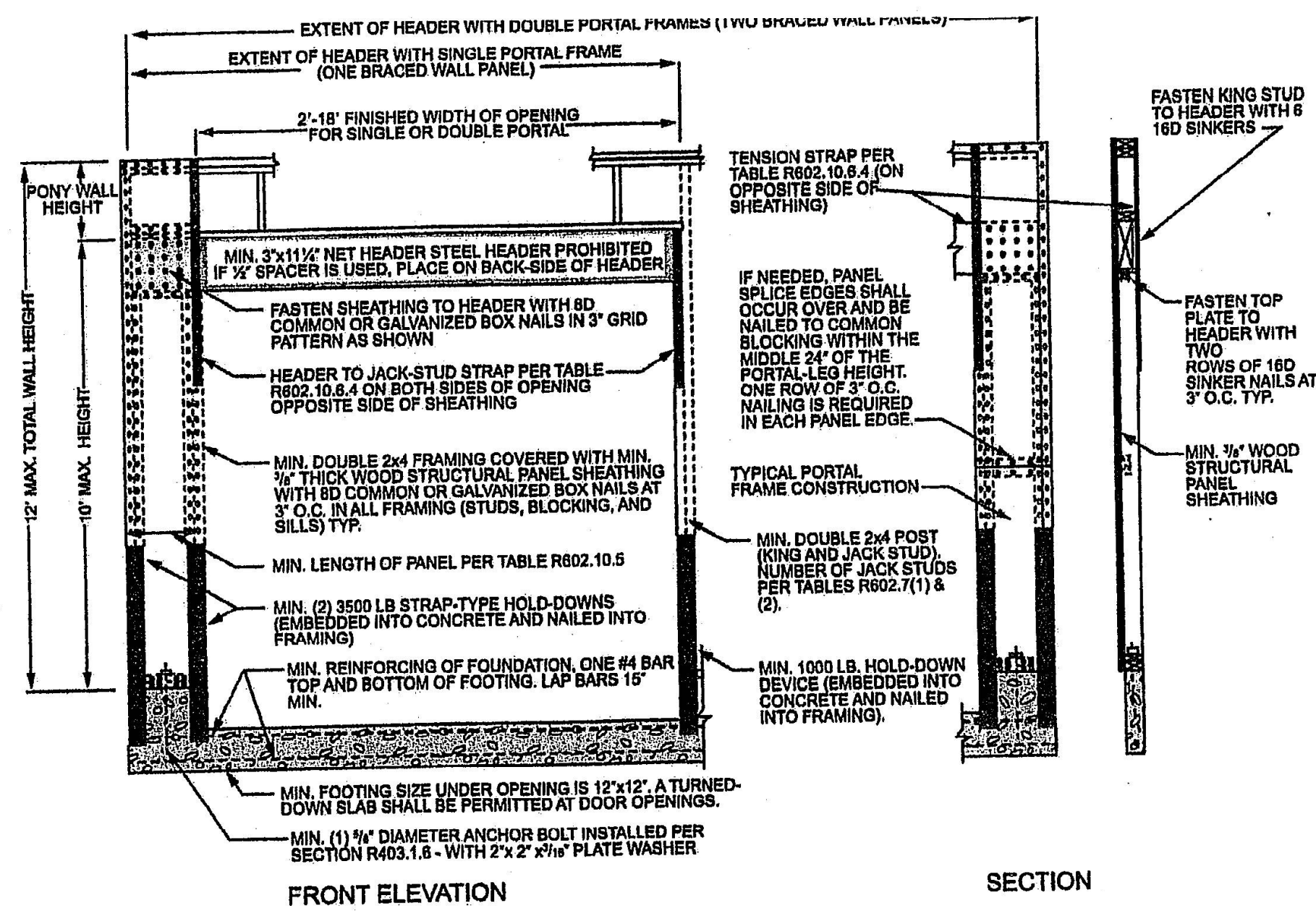











FIGURE R602.10.6.1  
METHOD ABW—ALTERNATE BRACED WALL PANEL



4 mm, 1 foot = 304.8 mm.

FIGURE R602.10.6.2  
METHOD PFF—PORTAL FRAME WITH HOLD-DOWNS

TABLE R602.10.4 BRACING METHODS				
METHODS, MATERIAL	MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA*	
			Fasteners	Spacing
LIB Let-in-bracing	1 x 4 wood or approved metal straps at 45° to 60° angles for maximum 16" stud spacing		Wood: 2-8d common nails or 3-8d (2 1/4" long x 0.113" dia.) nails	Wood: per stud and top and bottom plates
			Metal strap: per manufacturer	Metal: per manufacturer
DWB Diagonal wood boards	3/4" (1" nominal) for maximum 24" stud spacing		2-8d (2 1/4" long x 0.113" dia.) nails or 2 - 1 1/4" long staples	Per stud
WSP Wood structural panel (See Section R604)	3/8"		Exterior sheathing per Table R602.3(3) Interior sheathing per Table R602.3(1) or R602.3(2)	6" edges 12" field Varies by fastener
IV-WSP Wood structural panels with stone or masonry veneer (See Section R602.10.6.5)	7/16"	See Figure R602.10.6.5	8d common (2 1/2" x 0.131) nails	4" at panel edges 12" at intermediate supports 4" at braced wall panel end posts
STB Structural fiberboard sheathing	1/2" or 2 1/8" for maximum 16" stud spacing		1 1/2" long x 0.12" dia. (for 1/2" thick sheathing) 1 1/4" long x 0.12" dia. (for 2 1/8" thick sheathing) galvanized roofing nails	3" edges 6" field
GB Gypsum board	1/2"		Nails or screws per Table R602.3(1) for exterior locations Nails or screws per Table R702.3.5 for interior locations	For all braced wall panel locations: 7" edges (including top and bottom plates) 5" field
FBS Particleboard sheathing (See Section R605)	3/8" or 1/2" for maximum 16" stud spacing		For 3/8", 6d common (2" long x 0.113" dia.) nails For 1/2", 8d common (2 1/4" long x 0.131" dia.) nails	3" edges 6" field
PCP Portland cement plaster	See Section R703.7 for maximum 16" stud spacing		1 1/2" long, 11 gage, 1/8" dia. head nails or 7/16" long, 16 gage staples	6" o.c. on all framing members
HPS Hardboard panel siding	7/16" for maximum 16" stud spacing		0.092" dia., 0.225" dia. head nails with length to accommodate 1 1/4" penetration into studs	4" edges 8" field
ABW Alternate braced wall	3/8"		See Section R602.10.6.1	See Section R602.10.6.1

Intermittent Bracing Methods

METHOD (See Table R602.10.4)	MINIMUM LENGTH* (inches)					CONTRIBUTING LENGTH (inches)
	8 feet	9 feet	10 feet	11 feet	12 feet	
DWB, WSP, SFB, PBS, PCP, HPS, BV-WSP	48	48	48	53	58	Actual <sup>b</sup>
GB	48	48	48	53	58	Double sided = Actual Single sided = 0.5 x Actual
LIB	55	62	69	NP	NP	Actual <sup>b</sup>
ABW	28	32	34	38	42	48
CS-G	24	27	30	33	36	Actual <sup>b</sup>
CS-WSP, CS-SFB	Adjacent clear opening height (inches)					Actual <sup>b</sup>
	≤ 64	24	27	30	33	
	66	26	27	30	33	
	72	27	27	30	33	
	76	30	29	30	33	
	80	32	30	30	33	
	84	35	32	32	33	
	88	38	35	33	33	
	92	43	37	35	35	
	96	48	41	38	36	
	100	—	44	40	38	
	104	—	49	43	40	
	108	—	54	46	43	
	112	—	—	50	45	
	116	—	—	55	48	
	120	—	—	60	52	
	124	—	—	—	56	
	128	—	—	—	61	
	132	—	—	—	66	
	136	—	—	—	—	
	140	—	—	—	66	
	144	—	—	—	72	
PFF	Portal header height					48
	Supporting roof only	16	16	16	Note c	
	Supporting one story and roof	24	24	24	Note c	
	PFG	24	27	30	Note d	
CS-PF	SDC A, B and C	16	18	20	Note e	1.5 x Actual <sup>b</sup>
	SDC D <sub>1</sub> , D <sub>2</sub> and D <sub>3</sub>	16	18	20	Note e	1.5 x Actual <sup>b</sup>

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s.

NP = Not Permitted.

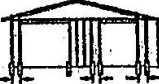





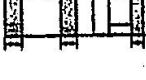
a. Linear interpolation shall be permitted.

b. Use the actual length where it is greater than or equal to the minimum length.

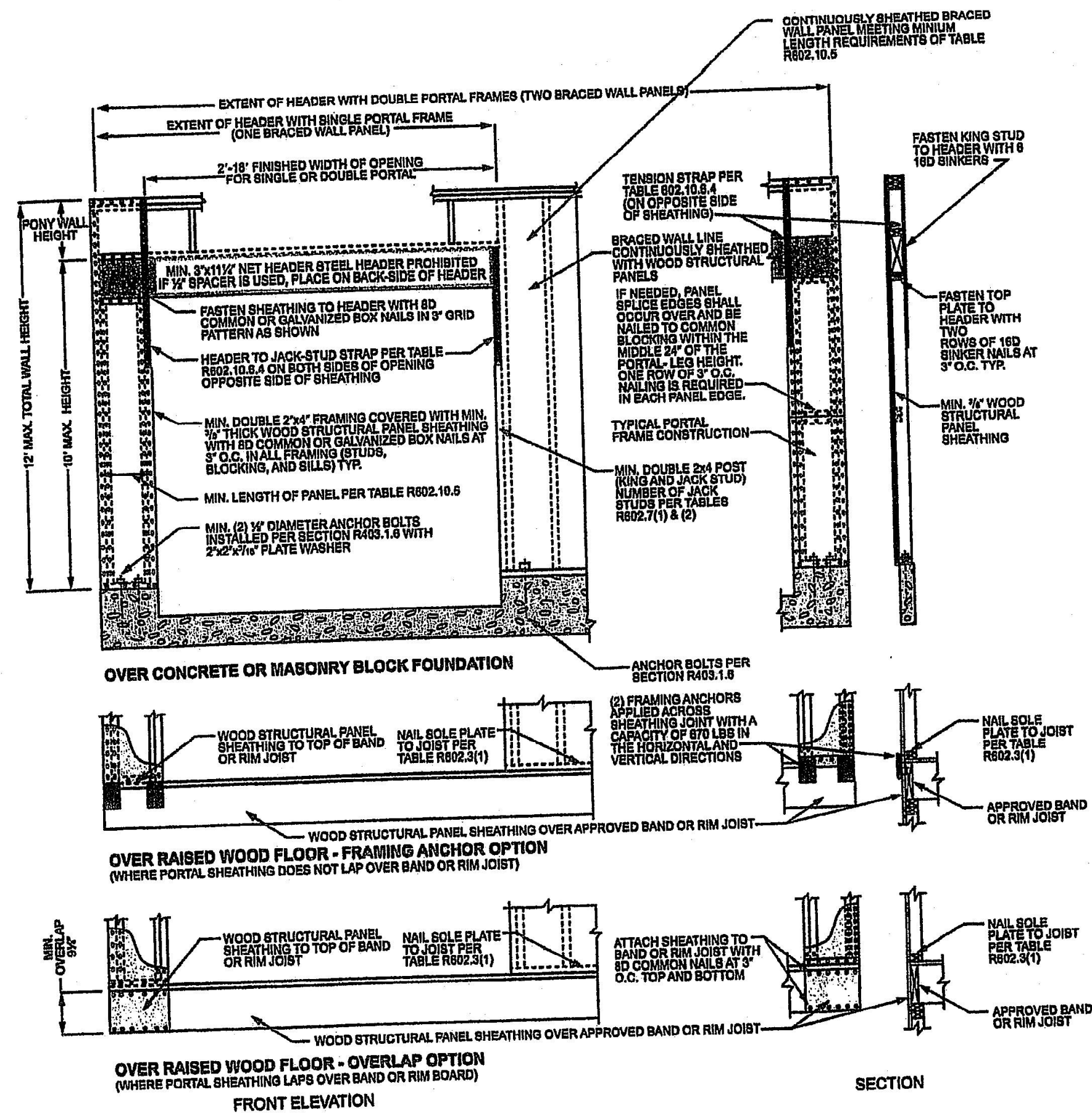
c. Maximum header height for PFF is 10 feet in accordance with Figure R602.10.5.2, but wall height shall be permitted to be increased to 12 feet with pony wall.

d. Maximum header height for PFG is 10 feet in accordance with Figure R602.10.5.3, but wall height shall be permitted to be increased to 12 feet with pony wall.

e. Maximum header height for CS-PF is 10 feet in accordance with Figure R602.10.6.4, but wall height shall be permitted to be increased to 12 feet with pony wall.

METHODS, MATERIAL		MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA*	
				Fasteners	Spacing
Intermittent Bracing Methods	PFF Portal frame with hold-downs	$\frac{3}{8}$ "		See Section R602.10.6.2	See Section R602.10.6.2
	PFG Portal frame at garage	$\frac{7}{16}$ "		See Section R602.10.6.3	See Section R602.10.6.3
Continuous Sheathing Methods	CS-WSP Continuously sheathed wood structural panel	$\frac{3}{8}$ "		Exterior sheathing per Table R602.3(3)	6" edges 12" field
	CS-GP* Continuously sheathed wood structural panel adjacent to garage openings	$\frac{3}{8}$ "		Interior sheathing per Table R602.3(1) or R602.3(2)	Varies by fastener
	CS-WP Continuously sheathed portal frame	$\frac{7}{16}$ "		See Method CS-WSP	See Method CS-WSP
	CS-FF Continuously sheathed portal frame	$\frac{7}{16}$ "		See Section R602.10.6.4	See Section R602.10.6.4
	CS-SFB* Continuously sheathed structural fiberboard	$\frac{1}{2}$ " or $\frac{3}{16}$ " for maximum 16" stud spacing		$\frac{1}{2}$ " long $\times$ 0.12" dia. (for $\frac{1}{2}$ " thick sheathing) $\frac{3}{16}$ " long $\times$ 0.12" dia. (for $\frac{3}{16}$ " thick sheathing) galvanized roofing nails	3" edges 6" field

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 degree = 0.0175 rad, 1 pound per square foot = 47.8 N/m<sup>2</sup>, 1 mile per hour = 0.447 m/s.  
a. Adhesive attachment of wall sheathing, including Method GB, shall not be permitted in Seismic Design Categories C, D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub>.  
b. Applies to panels next to garage door opening where supporting gable end wall or roof load only. Shall only be used on one wall of the garage. In Seismic Design Categories D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub>, roof covering dead load shall not exceed 5 psf.  
c. Garage openings adjacent to a Method CS-G panel shall be provided with a header in accordance with Table R602.7(1). A full-height clear opening shall not be permitted adjacent to a Method CS-G panel.  
d. Method CS-SFB does not apply in Seismic Design Categories D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub>.  
e. Method applies to detached one- and two-family dwellings in Seismic Design Categories D<sub>1</sub> through D<sub>3</sub> only.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

FIGURE R602.10.6.4  
METHOD CS-PF—CONTINUOUSLY SHEATHED PORTAL FRAME PANEL CONSTRUCTION

BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.

TRUMARK HOMES  
ADDED COVERED DECK BACK RIGHT SIDE &  
PERGOLA LEFT SIDE  
LOT 1441 WINTERSET  
2924 NW THOREAU DR  
LEE SUMMIT MO

SCALE  
1/4" = 1-0

DATE  
11-8-21

PLAN NO.

871-AMD

SHEET NO.



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