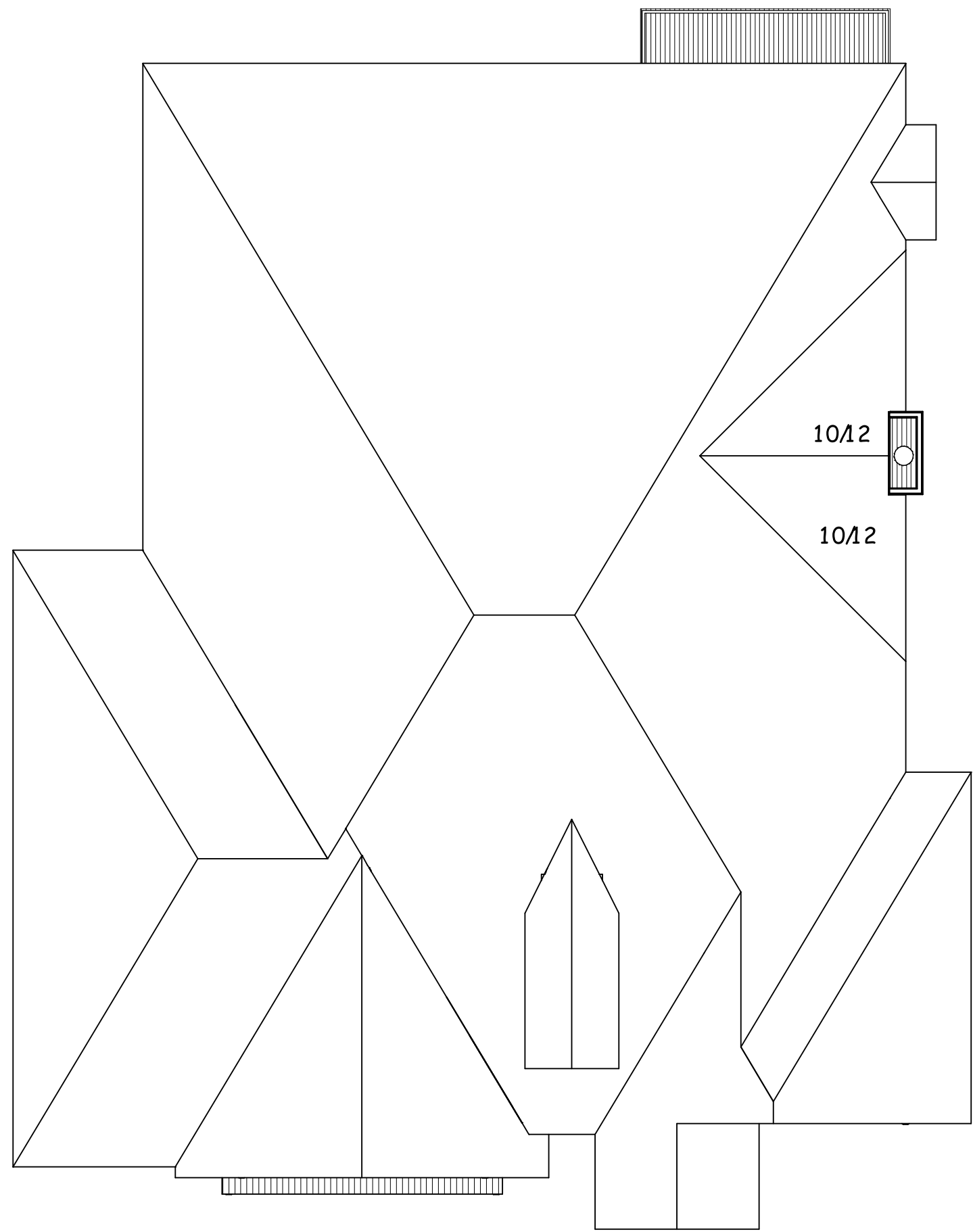




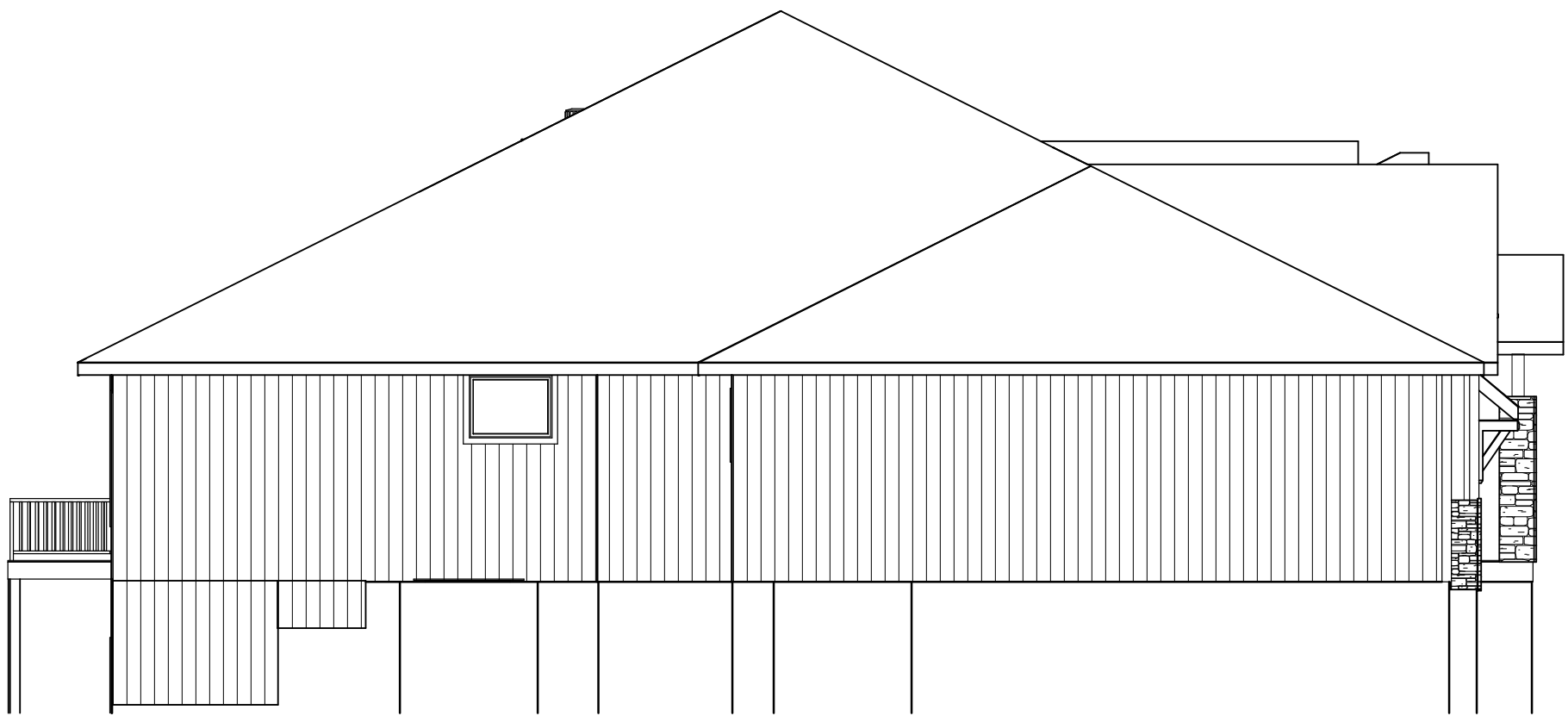
ROOF PLAN
1/8 = 1-0
ROOF PITCHES FRONT TO BACK 6/12 TYP. U.N.O.
ROOF PITCHES SIDE TO SIDE 10/12 TYP. U.N.O
RAFTERS 2 X 6 DF NO 2 @ 16" OC TYP.
HIPS AND RIDGES 2 X 8 DF NO 2 TYP.



NOTE: STONE TURNS CORNERS
WOOD TRIM
PANEL GARAGE
DOORS

FRONT ELEVATION " B "
STUCCO AND STONE

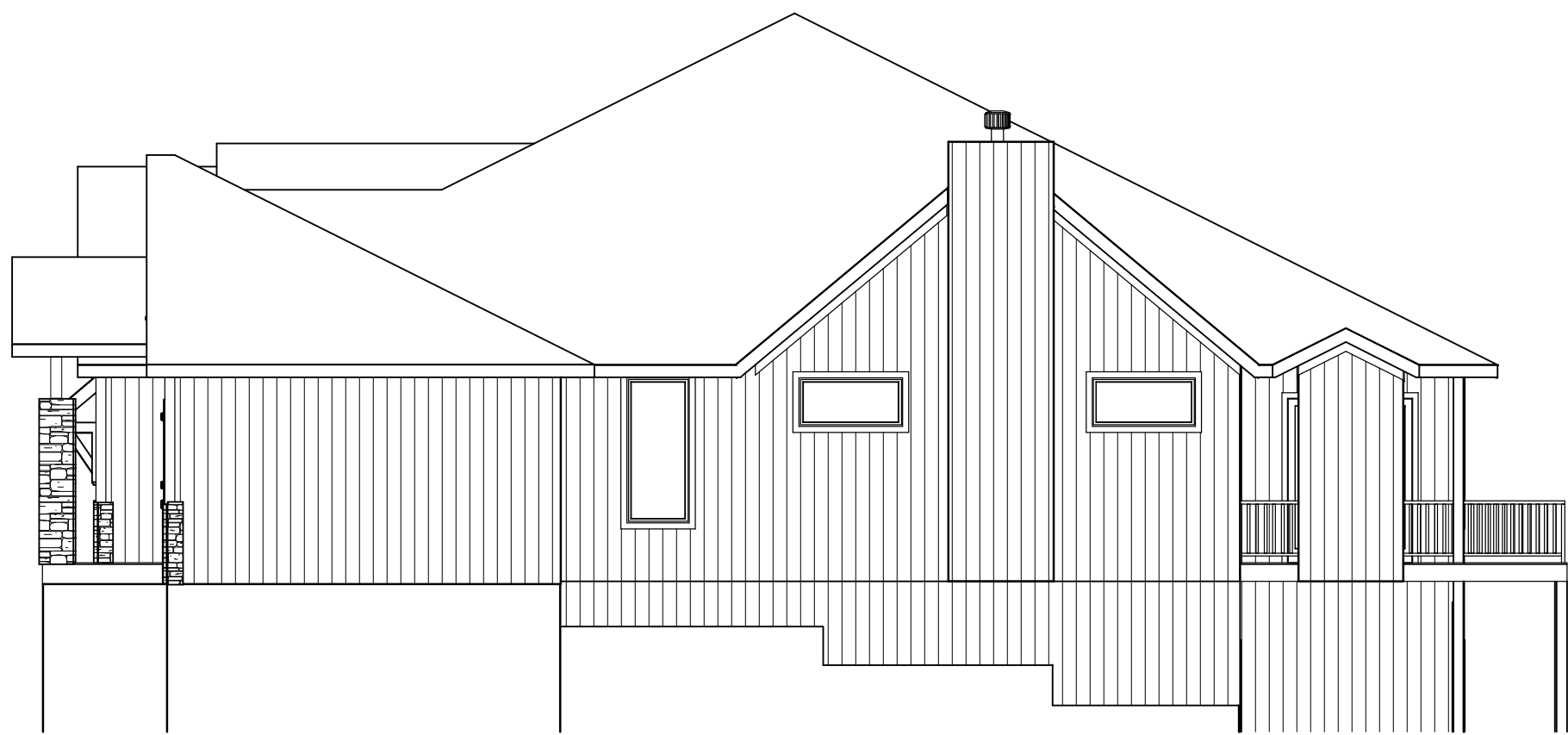
LP TRIM, SOFFIT, AND FASCIA TYP.



LEFT ELEVATION
1/8 = 1-0



REAR ELEVATION
1/8 = 1-0



LP PANEL SIDING 3 SIDES

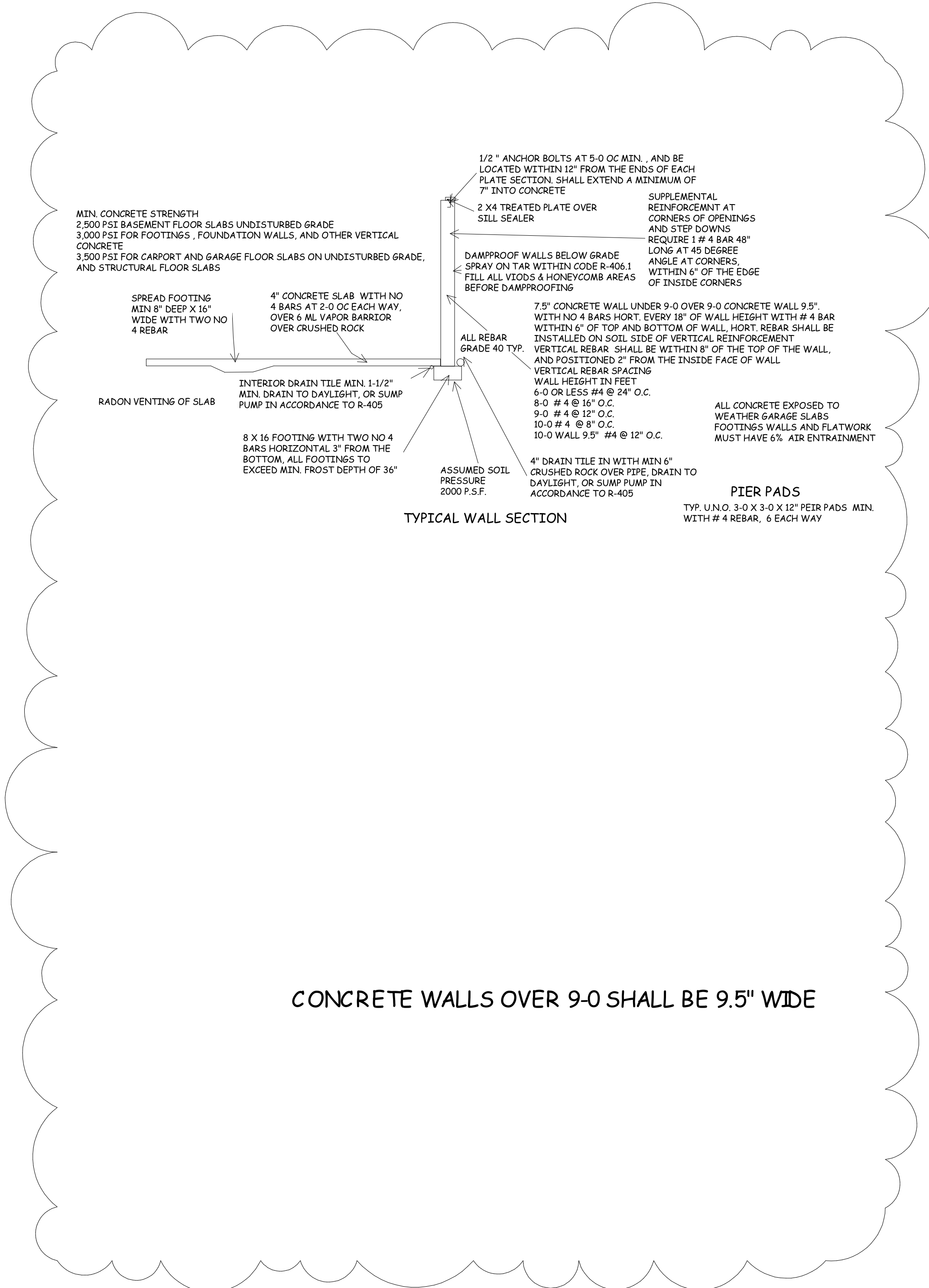
RIGHT ELEVATION
1/8 = 1-0

LP PANEL SIDING 3 SIDES

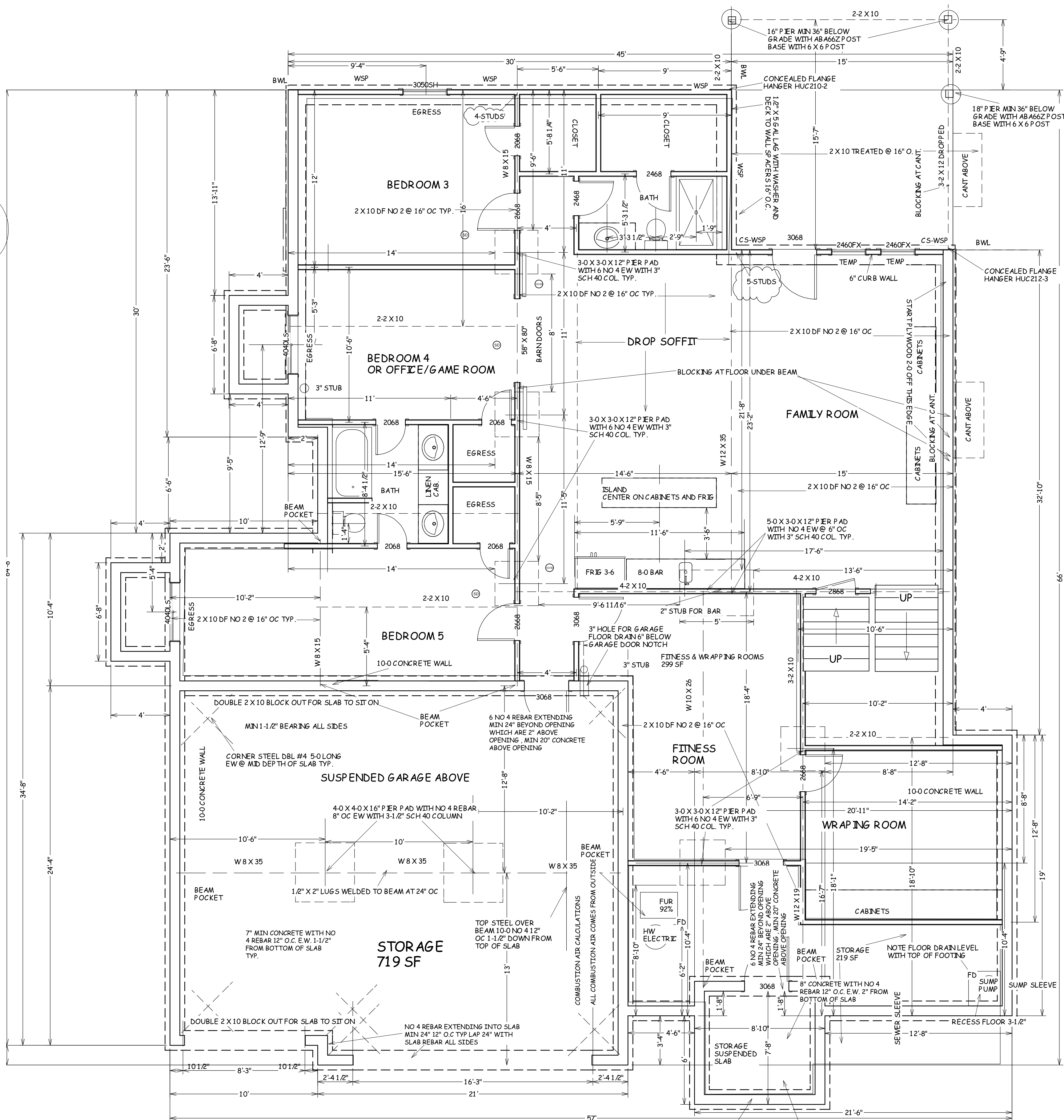
RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/30/2022



BUILD IN ACCORDANCE WITH 2018 INTERNATIONAL RESIDENTIAL CODE AND LOCAL CODES.	
TRUMARK HOMES KYLE VI ELEVATION B LOT 167 WOODSIDE RESERVE 2125 NW O BRIEN RD LEE SUMMIT MO	
SCALE 1/4" = 1-0	
DATE 6-29-22	
PLAN NO. 3842	
SHEET NO. 1 OF 5	



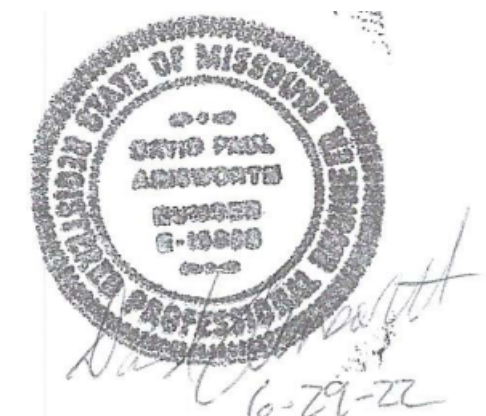
CONCRETE WALLS OVER 9-0 SHALL BE 9.5" WIDE



NOTE: BUILDER WILL CUT DOWN CONCRETE SIDE WALLS TO GRADE

SUSPENDED SLAB
CONCRETE MIN 4,000 P.S.I
GRADE 40 REBAR

FOUNDATION PLAN
1804 SF FINISHED
1058 SF UNFINISHED



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

TRUMARK HOMES
KYLE VI
ELEVATION B
LOT 167 WOODSIDE RESERVE
2125 NW O BRIEN RD
LEE SUMMIT MO

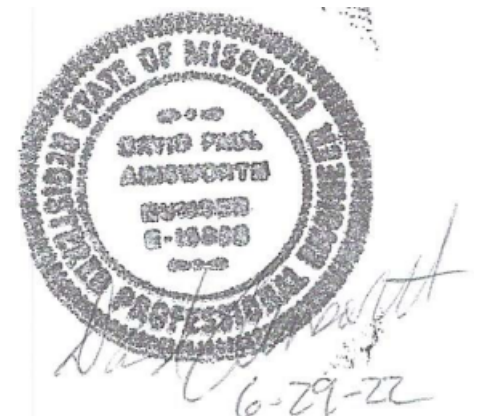
SCALE
1/4" = 1-0

DATE
6-29-22

PLAN NO.
3842

SHEET NO.

LADDER BLOCK WHERE INTERIOR WALLS INTERSECT WITH EXTERIOR WALLS

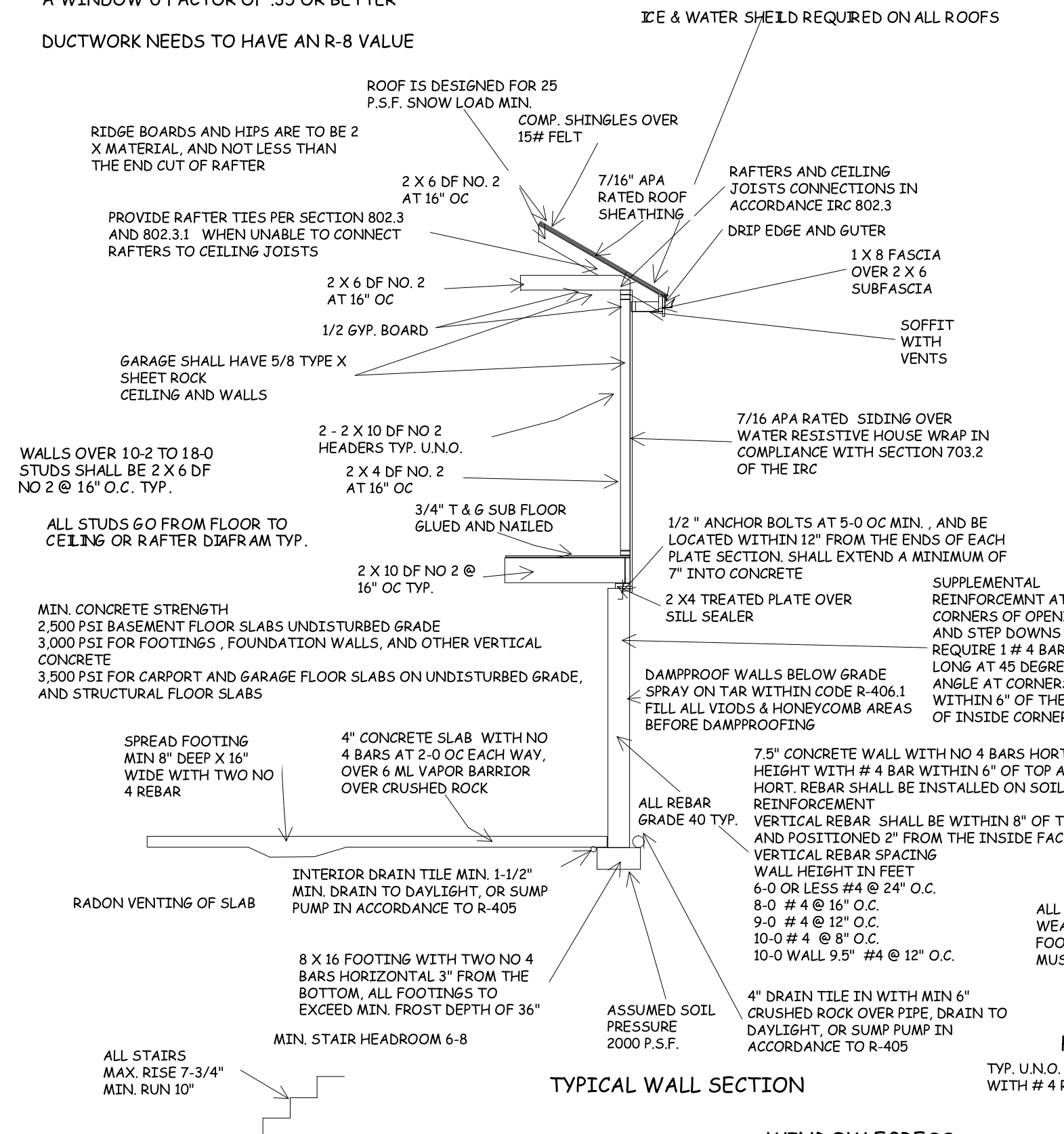


TRUMARK HOMES
KYLE VI
ELEVATION B
LOT 167 WOODSIDE RESERVE
2125 NW O'BRIEN RD
LEE SUMMIT MO

3 OF 5

06/30/2022

DUCTWORK NEEDS TO HAVE AN R-8 VALUE



REFERENCES



ALL POINT LOADS SHALL HAVE A MINIMUM OF 2 STUDS UNLESS NOTED OTHERWISE



TRUMARK HOMES
KYLE VI
ELEVATION B
LOT 167 WOODSIDE RESERVE
2125 NW O BRIEN RD
LEE SUMMIT MO

SHEET NO.

4 OF 5
RELEASE

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

06/30/2022

TABLE R602.10.3(1) BRACING REQUIREMENTS BASED ON WIND SPEED						
EXPOSURE CATEGORY B 10-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 ^a				
Ultimate Design Wind Speed (mph)	Story Location	Braced Wall Line Spacing (feet)	Method L1B ^b	Method Q8	Methods DWB, WSP, SFB, PFB, PCP, HPS, BV-WSP, ABW, PFH, PFC, CS-SFB	Methods CS-WSP, CS-Q, 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

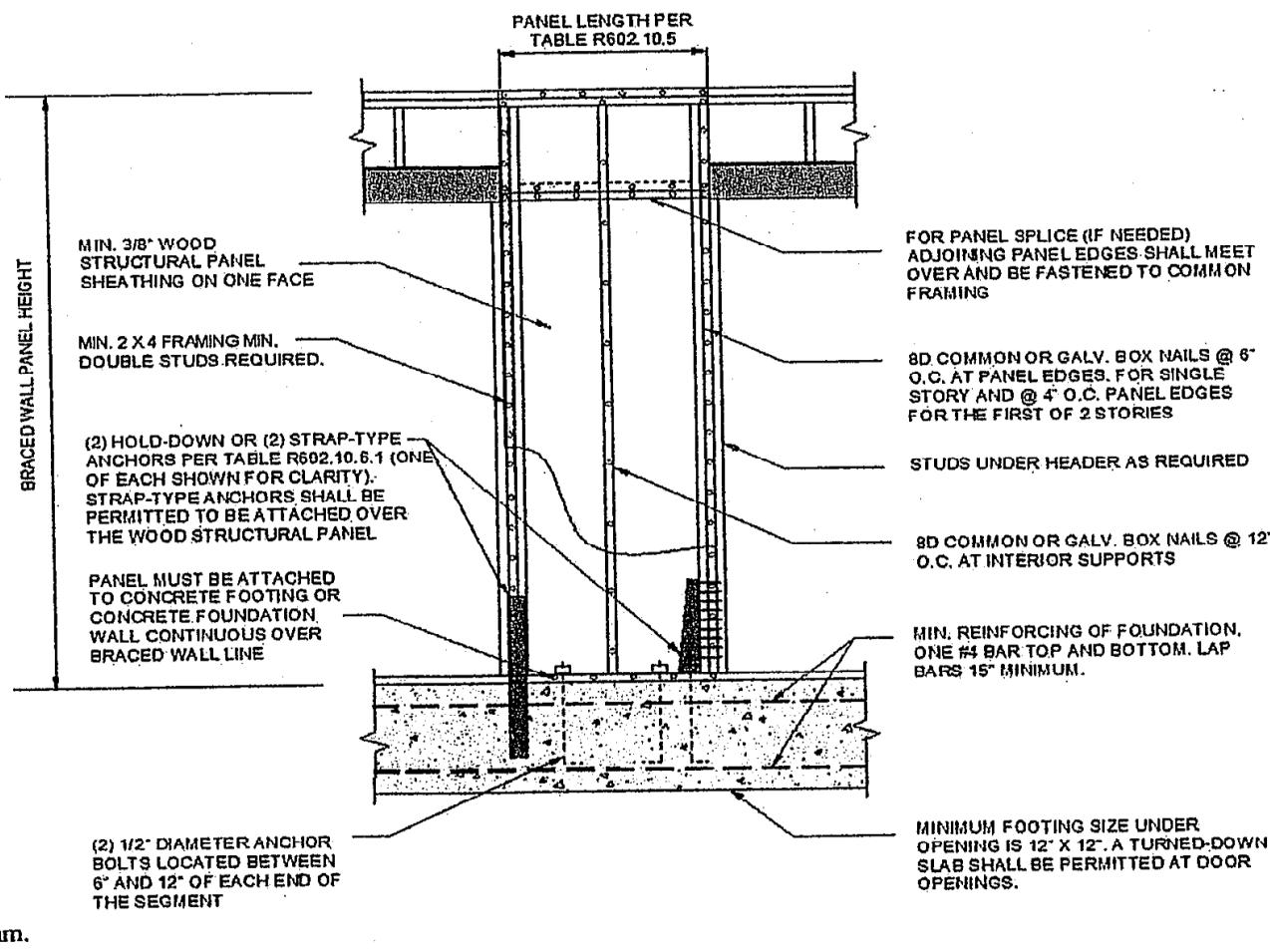
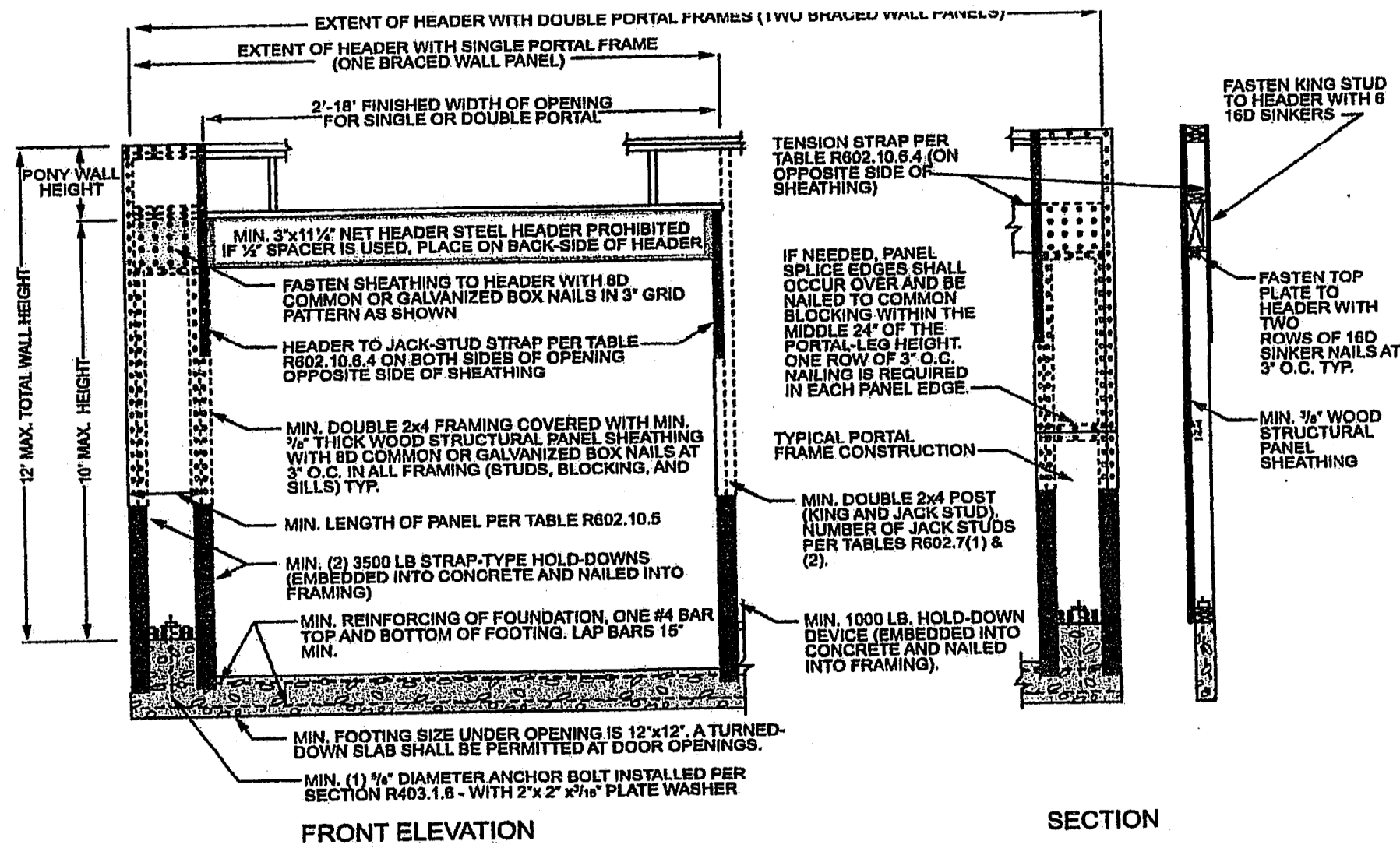


FIGURE R602.10.6.1
METHOD ABW—ALTERNATE BRACED WALL PANEL



4 mm, 1 foot = 304.8 mm.

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

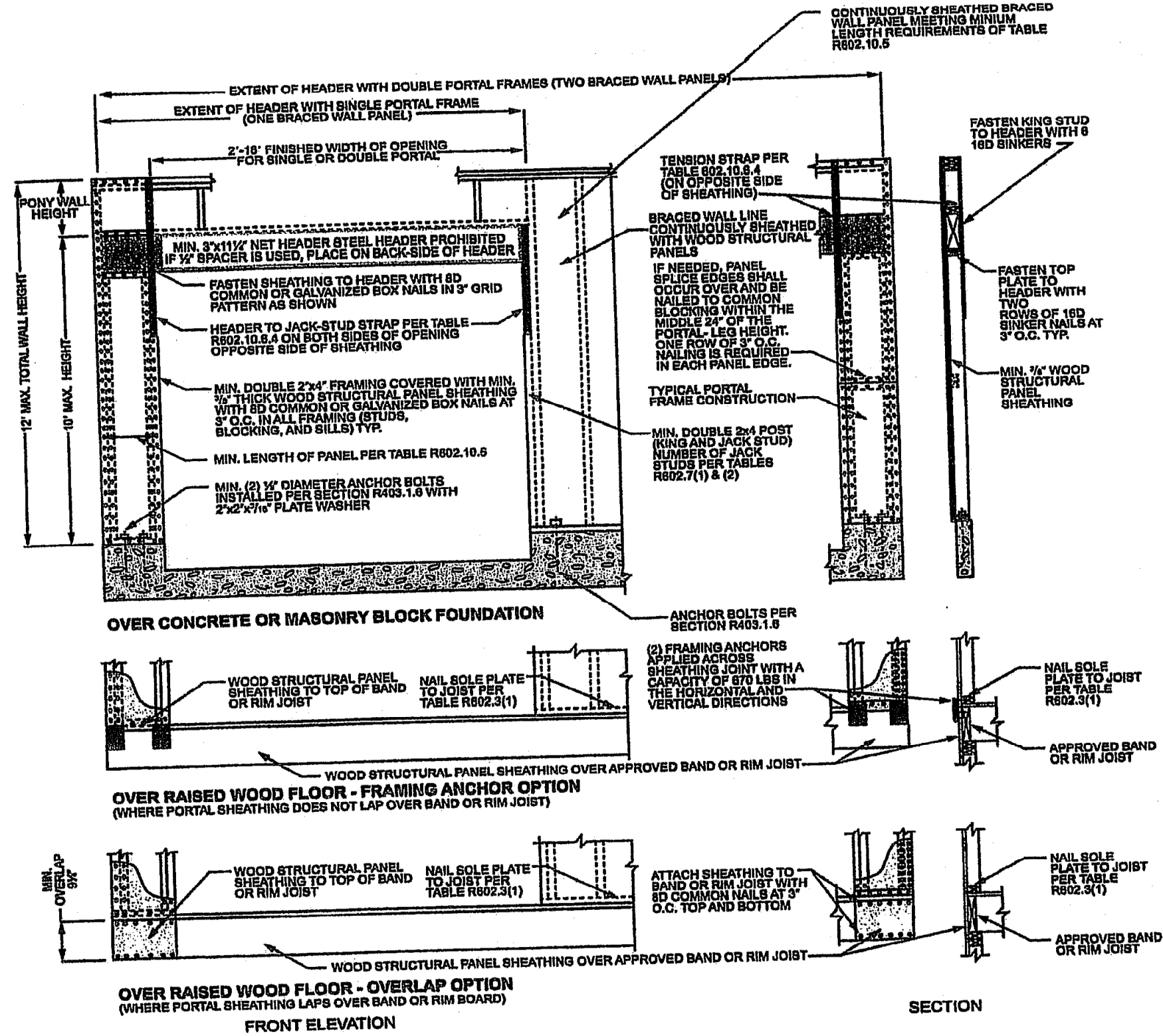
TABLE R602.10.4 BRACING METHODS				
METHODS, MATERIAL	MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA ^a	
			Fasteners	Spacing
Intermittent Bracing Methods	L1B Let-in-bracing		Wood: 2-8d common nails or 3-8d (2 1/2\"/>	Wood: per stud and top and bottom plates Metal: per manufacturer
	DWB Diagonal wood boards		2-8d (2 1/2\"/>	Per stud
	WSP Wood structural panel (See Section R604)		Exterior sheathing per Table R602.3(3) Interior sheathing per Table R602.3(1) or R602.3(2)	6\"/>
	BV-WSP ^b Wood structural panels with stone or masonry veneer (See Section R602.10.6.5)		8d common (2 1/2\"/>	4\"/>
	SFB Structural fiberboard sheathing		1 1/2\"/>	3\"/>
	GB Gypsum board		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\"/>
	PBS Particleboard sheathing (See Section R605)		For 1/2\"/>	3\"/>
	PCP Portland cement plaster		1 1/2\"/>	6\"/>
	HPS Hardboard panel siding		0.092\"/>	4\"/>
	ABW Alternate braced wall		See Section R602.10.6.1	See Section R602.10.6.1

TABLE R602.10.5 MINIMUM LENGTH OF BRACED WALL PANELS						
METHOD (See Table R602.10.4)	MINIMUM LENGTH ^a (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 ^b
GB	48	48	48	53	58	Double sided = Actual Single sided = 0.5 × Actual
L1B	55	62	69	NP	NP	Actual ^b
ABW	SDC A, B and C, ultimate design wind speed < 140 mph	28	32	34	NP	42
	SDC D ₁ , D ₂ and D ₃ , ultimate design wind speed < 140 mph	32	32	34	NP	NP
CS-G	Adjacent clear opening height (inches)	24	27	30	33	36
CS-WSP, CS-SFB	≤ 64	24	27	30	33	36
	68	26	27	30	33	36
	72	27	27	30	33	36
	76	30	29	30	33	36
	80	32	30	30	33	36
	84	35	32	32	33	36
	88	38	35	33	33	36
	92	43	37	35	35	36
	96	48	41	38	35	36
	100	—	44	40	38	36
	104	—	49	43	40	39
	108	—	54	46	43	41
	112	—	—	50	45	43
	116	—	—	55	48	45
	120	—	—	60	52	48
	124	—	—	—	56	51
	128	—	—	—	61	54
	132	—	—	—	66	58
	136	—	—	—	—	62
	140	—	—	—	—	66
	144	—	—	—	—	72
PORTAL FRAME CONSTRUCTION						
METHOD (See Table R602.10.4)	Portal frame height					48
	8 feet	9 feet	10 feet	11 feet	12 feet	
PFH	Supporting roof only	16	16	16	Note c	Note c
	Supporting one story and roof	24	24	24	Note c	Note c
PFG	Supporting one story and roof	24	24	24	Note d	Note d
	Supporting one story and roof	24	27	30	Note d	Note d
CS-PF	SDC A, B and C	16	18	20	Note e	Note e
	SDC D ₁ , D ₂ and D ₃	16	18	20	Note e	Note e

For S1: 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 PFH is 10 feet in accordance with Figure R602.10.6.2, 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 R602.10.6.3, 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.

TABLE R602.10.4—continued BRACING METHODS				
METHODS, MATERIAL	MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA ^a	
			Fasteners	Spacing
Intermittent Bracing Methods	PFH Portal frame with hold-downs		See Section R602.10.6.2	See Section R602.10.6.2
	PFG Portal frame at garage		See Section R602.10.6.3	See Section R602.10.6.3
Continuous Sheathing Methods	CS-WSP Continuously sheathed wood structural panel		Exterior sheathing per Table R602.3(3) Interior sheathing per Table R602.3(1) or R602.3(2)	6\"/>
	CS-G ^b Continuously sheathed wood structural panel adjacent to garage openings		See Method CS-WSP	See Method CS-WSP
	CS-PF Continuously sheathed portal frame		See Section R602.10.6.4	See Section R602.10.6.4
	CS-SFB ^c Continuously sheathed structural fiberboard		1 1/2\"/>	3\"/>

For S1: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 degree = 0.0175 rad, 1 pound per square foot = 47.8 N/m², 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, D₁, D₂ and D₃.
b. Applies to panels next to garage door opening where supporting gable and wall or roof load only. Shall only be used on one wall of the garage. In Seismic Design Categories D₁, D₂ and D₃, roof covering dead load shall not exceed 3 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 D₁, D₂ and D₃.
e. Method applies to detached one- and two-family dwellings in Seismic Design Categories D₁ through D₃ only.



For S1: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

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

BRACE WALL DETAILS
WIND SPEED 115 MPH
WIND EXPOSURE A
SEISMIC DESIGN CATEGORY A

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

TRUMARK HOMES
KYLE VI
ELEVATION B
LOT 167 WOODSIDE RESERVE
2125 NW O BRIEN RD
LEE SUMMIT MO

SCALE
1/4" = 1-0

DATE
6-29-22

PLAN NO.
3842

SHEET NO.