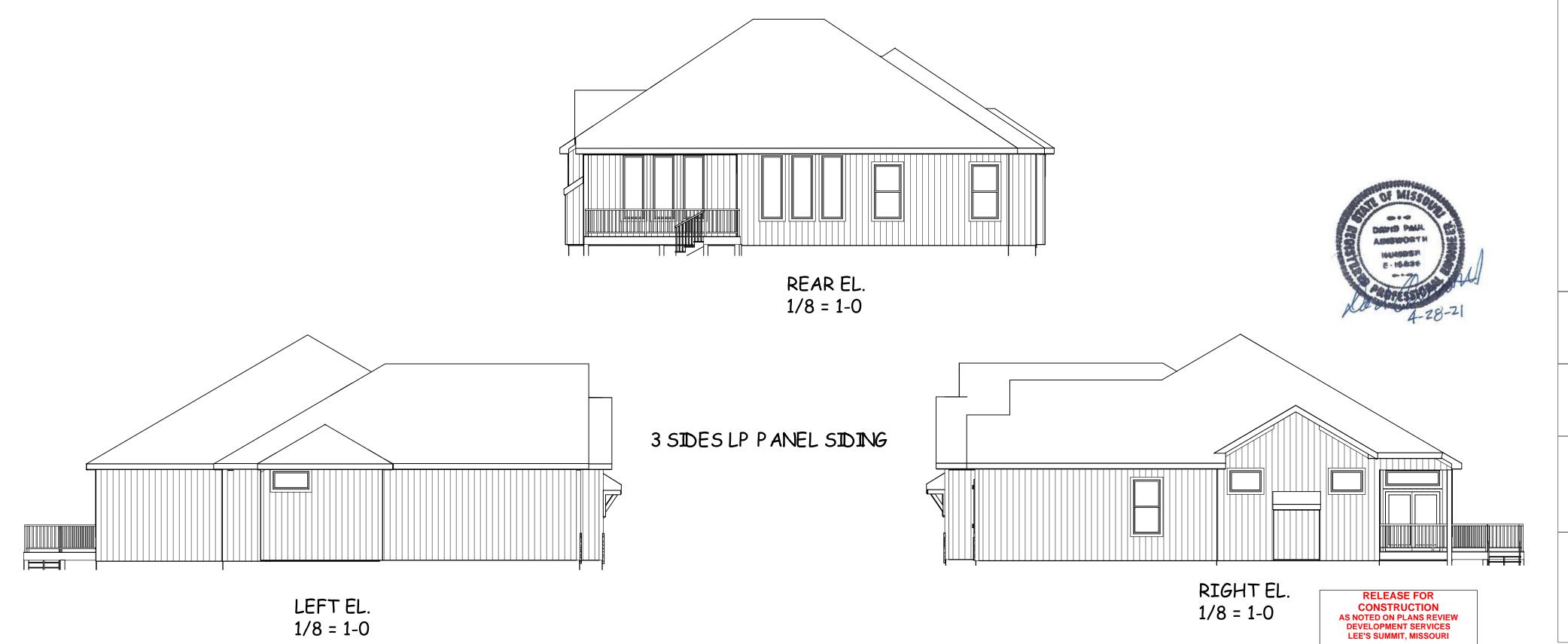


FRONT EL. A STUCCO AND STONE



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

TRUMARK HOMES

MARIE III

LOT 30 COLBY CREEK

540 SE CARTER RD

LEE SUMMIT MO

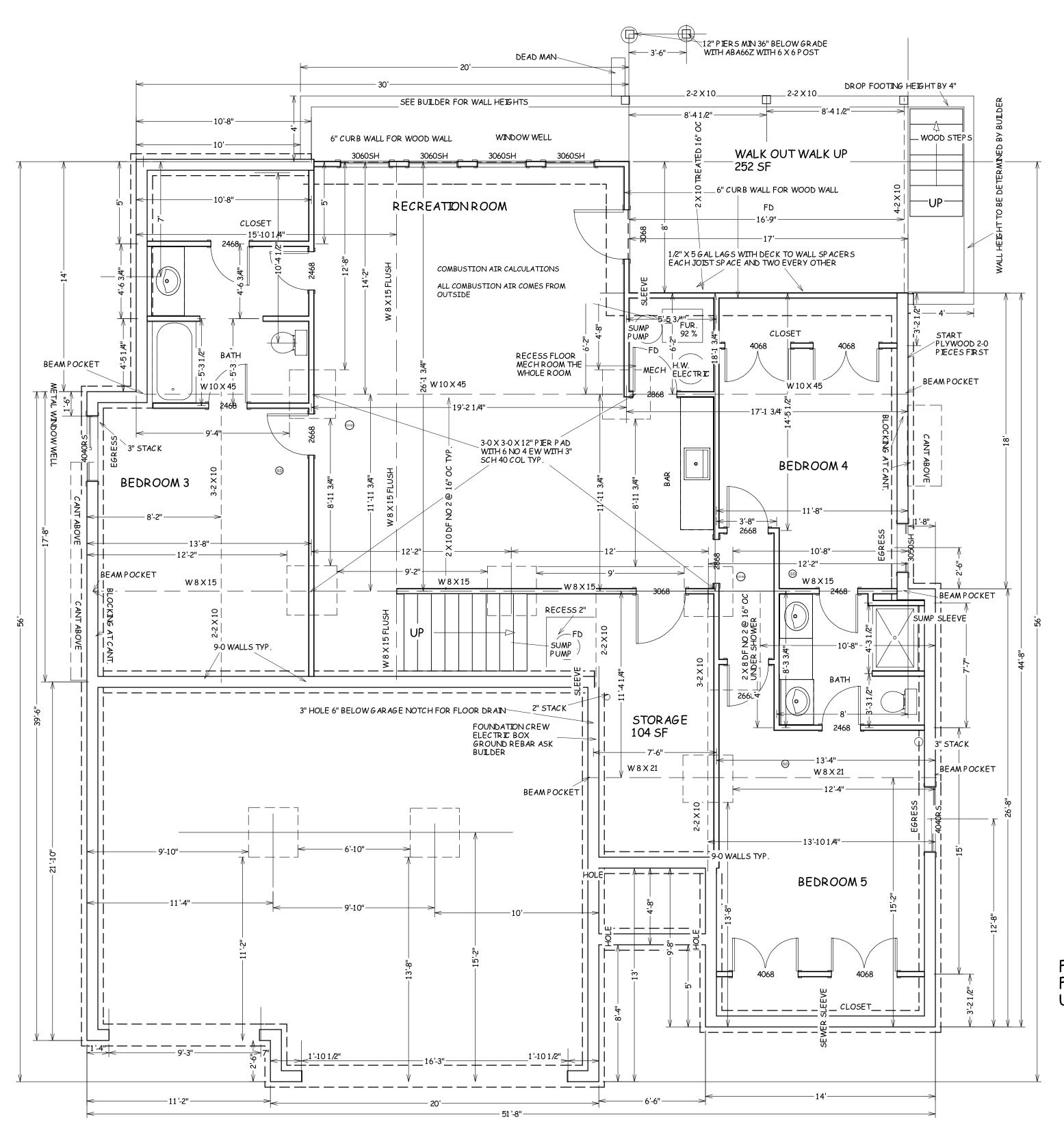
SCALE 1/4" = 1-0

DATE 4-24-21

PLAN NO. 3398-30

SHEET NO.

1 OF 6





FOUNDATION PLAN
FINISHED 1419 SF IF ALL FINISHED
UNFINISHED 104 SF

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

TRUMARK HOMES

MARIE III

LOT 30 COLBY CREEK

540 SE CARTER RD

LEE SUMMIT MO

SCALE 1/4" = 1-0

DATE 4-24-21

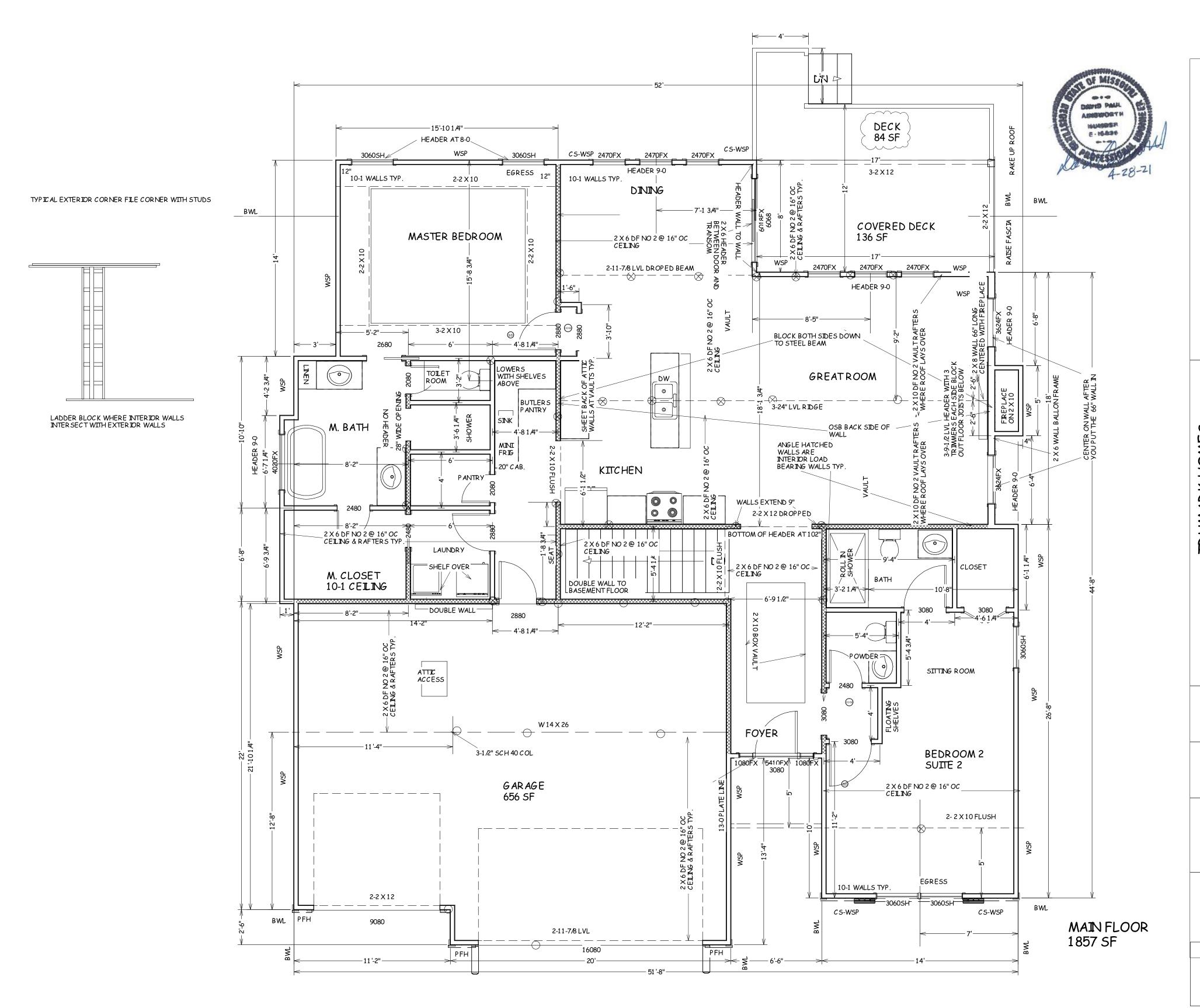
PLAN NO. 3398-30

-B

SHEET NO.

2 OF 6

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

MARIE III

LOT 30 COLBY CREEK

540 SE CARTER RD

LEE SUMMIT MO

SCALE 1/4" = 1-0

DATE 4-24-21

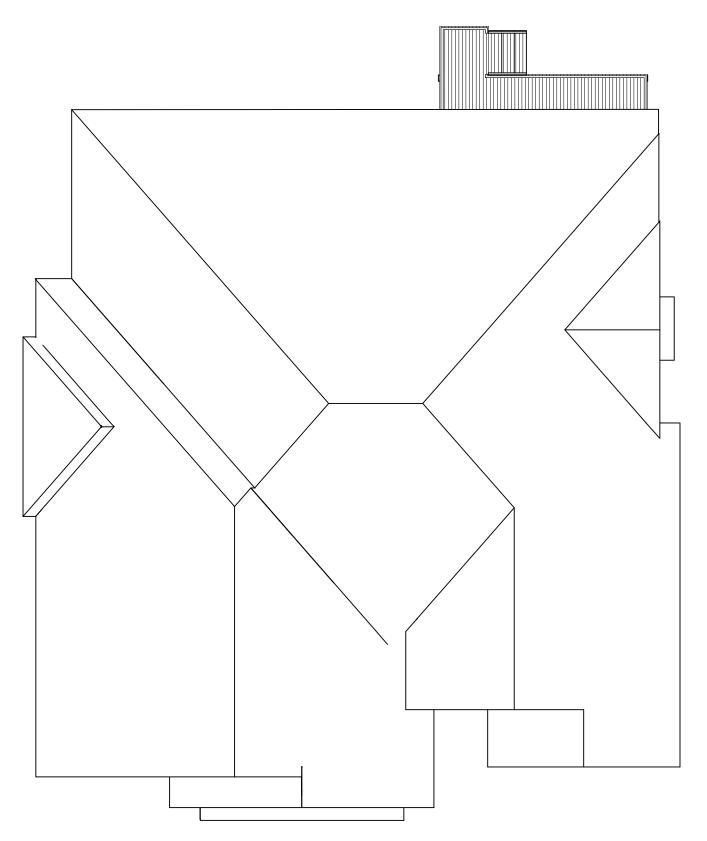
PLAN NO. 3398-30

-T

SHEET NO.

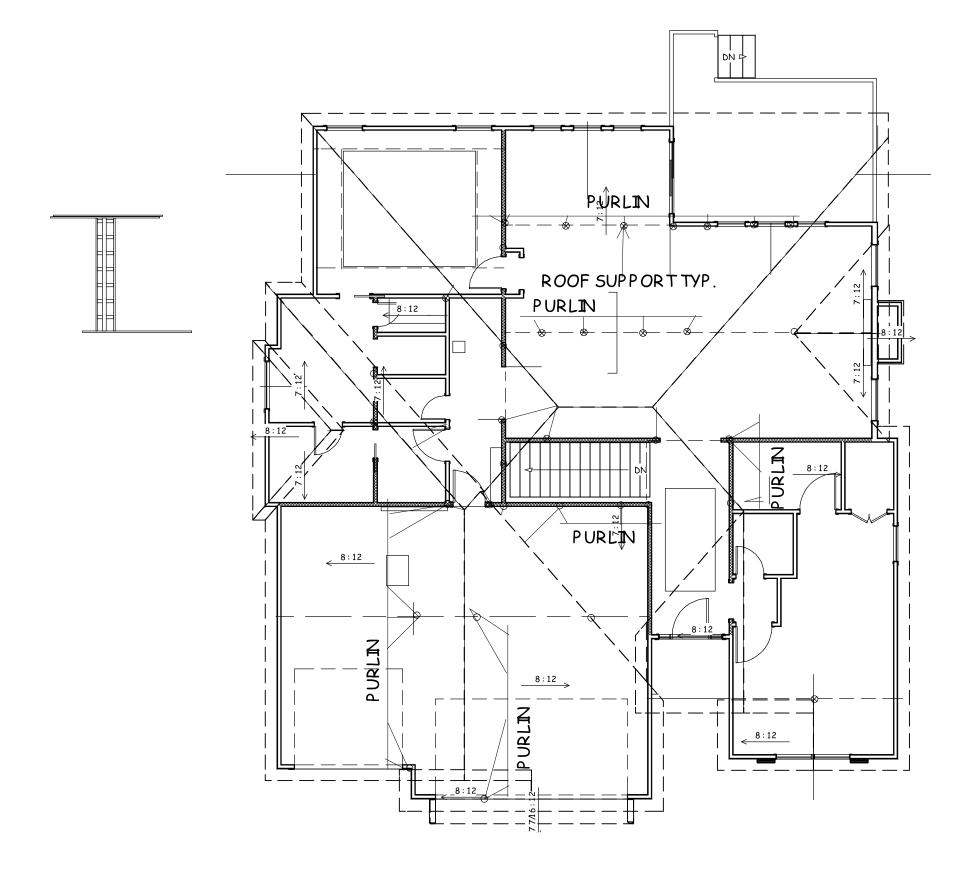
3 OF 6

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



ROOF PLAN 1/8 = 1-0 FRONT TO BACK 7/12 SIDE TO SIDE 8/12

RAFTERS 2 X 6 DF NO 2 @ 16" OC TYP. HIPS AND RIDGES 2 X 8 DF NO 2



PURLINPLAN 1/8" = 1-0 RAFTER SPAN 14-4 MAX. BETWEEM SUPPORTS



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

TRUMARK HOMES

MARIE III

LOT 30 COLBY CREEK

540 SE CARTER RD

LEE SUMMIT MO

SCALE 1/4" = 1-0

DATE 4-24-21

PLAN NO. 3398-30

SHEET NO.

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RELEASE FOR
CONSTRUCTION

AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

WINDOW SAFETY GLAZING PER 308

MAX. RISE 7-3/4"

MIN. RUN 10"

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 REQUIRD 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.

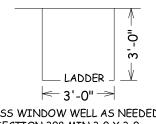
> WINDOWS ARE TO HAVE FALL PROTECTION PER IRC 312.2

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

TYPICAL WALL SECTION

A CASEMENT OR SLIDER WINDOW MINIMUMS ARE 20 INCH CLEAR WIDTH MINIMUM AND 41 INCH CLEAR HEIGHT MINIMUM. WITH A MINIMUM 5.7 SQUARE FOOT OF OPENABLE AREA. OPENING OF EGRESS WINDOW NOT MORE THAN 42" FROM THE FLOOR



OVERHEAD GARAGE DOORS MUST MEET DASMA 115 MPH OR IRC 2018 REQUIRMENTS

OF 6-0 O.C.

STUDS OVER 10-0 SHALL HAVE

BLOCKING ALONG WALL MAX

EGRESS WINDOW WELL AS NEEDED PER SECTION 308 MIN 3-0 X 3-0 WITH LADDER

DATES PAUL

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

TYP. U.N.O. 3-0 X 3-0 X 12" PEIR PADS MIN.

WITH # 4 REBAR, 6 EACH WAY

ACCORDANCE WITH

TIONAL DE NTERNA' ENTIAL 18 II SIDI CILD 018 MVM

CREE ER RE F MO HOME OLBY CARTE \mathcal{C} AR U.W. 8 3 H 4号 O

> SCALE 1/4" = 1-0

DATE 4-24-21

PLAN NO. 3398-30

SHEET NO.

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RELEASE FOR CONSTRUCTION **AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES** LEE'S SUMMIT, MISSOURI

TABLE R602.10.3(1) BRACING REQUIREMENTS BASED ON WIND SPEED									
EXPOSURE CA SD-FOOT MEAN 10-FOOT WALL 2 BRACED WA	I ROOF HEIGHT . HEIGHT	•	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 ^e (feet)	Method LIB ^b	Method GB	Methods DWB, WSP, SFB, PBS, PCP, HPS, BV-WSP, ABW, PFH, PFC, CS-SFB	Methods CS-WSP, CS-G, CS-PF			
		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			
≤ 115		40	23,5	23.5	13.5	11.5			
	372	50	29.0	29.0	16.5	14.0			
	Ĥ	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			
a a		30	NP	27.0	15.5	13.0			
* *		40	NP	35.0	20.0	17.0			
1		50	NP	43.0	24.5	21.0			
		60	NP	51.0	29.0	25.0			

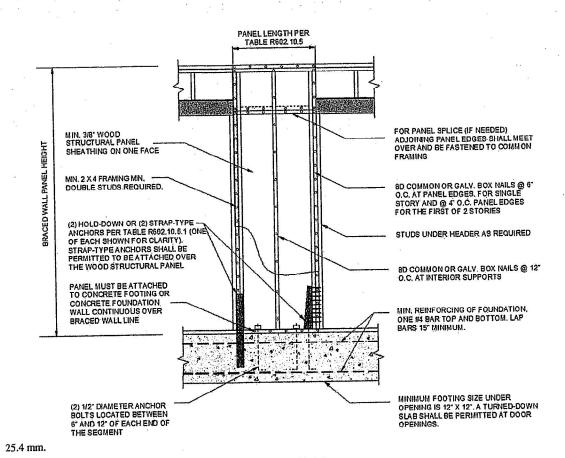
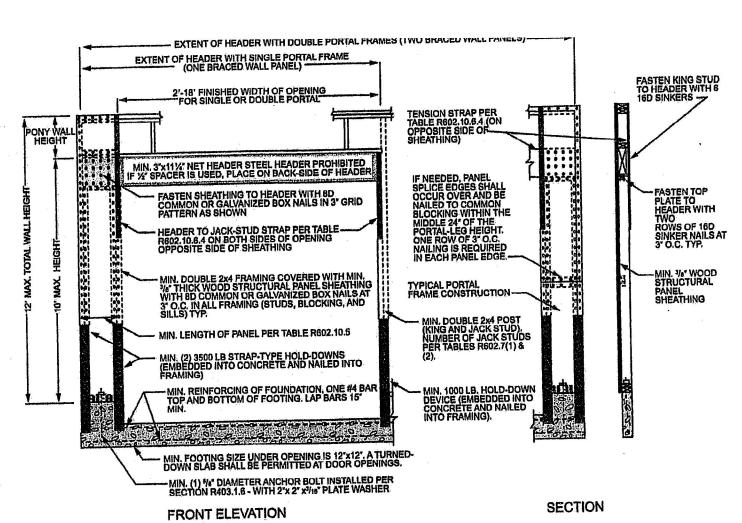


FIGURE R602.10.6.1 METHOD ABW---ALTERNATE BRACED WALL PANEL



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									
_					CONNECTION CRITERIA					
	METHODS, MATERIAL		MINIMUM THICKNESS	FIGURE	Fasteners	Spacing				
ŀ		LIB	1 × 4 wood or approved metal straps at 45° to 60° angles for			Wood: per stud and top and bottom plates				
		Let-in-bracing	maximum 16" stud spacing		Metal strap: per manufacturer	Metal: per manufacturer				
		DWB Diagonal wood boards	3/4" (1" nominal) for maximum 24" stud spacing		2-8d $(2^{1}/_{2}^{"} \log \times 0.113^{"} \text{ dia.})$ nails or $2 - 1^{3}/_{4}^{"} \log \text{ staples}$	Per stud				
Ì		WSP Wood			Exterior sheathing per Table R602.3(3)	6" edges 12" field				
		structural panel (See Section R604)	3/8"		Interior sheathing per Table R602.3(1) or R602.3(2)	Varies by fastener				
	ethods	BV-WSP ^s 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 " × 0.131) nails	4" at panel edges 12" at intermediate supports 4" at braced wall panel end posts				
	Intermittent Bracing Methods	SFB Structural fiberboard sheathing	tructural maximum 16" stud spacing		$1^{1}/_{2}$ " long × 0.12" dia. (for $^{1}/_{2}$ " thick sheathing) $1^{3}/_{4}$ " long × 0.12" dia. (for $^{25}/_{32}$ " thick sheathing) galvanized roofing nails	3" edges 6" field				
1	Intermitten	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) 7" field				
	w	PBS Particleboard sheathing (See Section R605)	³ / ₈ " or ¹ / ₂ " for maximum 16" stud spacing		For ³ / ₈ ", 6d common (2" long × 0.113" dia.) nails For ¹ / ₂ ", 8d common (2 ¹ / ₂ " long × 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, ⁷ / ₁₆ " dia. head nails or ⁷ / ₈ " 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 1/2" 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				

METHOD (See Table R602.10.4)		GTH OF BRACED WALL PANELS MINIMUM LENGTH' (Inches)				CONTRIBUTING LENGTH		
				Vall Height			(inches)	
The state of the s			9 feet	10 feet	11 feet	12 feet	2 feet	
DWD WCD CER D	BS, PCP, HPS, BV-WSP	8 feet 48	48	48	53	58	Actual ^b	
		48	48	48	53	58	Double sided = Actual Single sided = 0.5 × Actu	
second vision or the	GB					NP	Actual ⁶	
	LIB	55	62	69	NP	INP	Vena	
:	SDC A, B and C, ultimate design wind speed < 140 mph	28	32	34	38	42	48	
ABW	SDC D ₀ , D ₁ and D ₂ , ultimate design wind speed < 140 mph	32	32	34	NP	NP		
	S-G	24	27	30	33	36	Actual ^b	
	Adjacent clear opening height (inches)							
	≤ 64	24	27	30	33	36	20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
	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	36	36		
CS-WSP, CS-SFB	100		44	40	38	38		
	104		49	43	40	39	Actual ^b	
	108	_	54	46	43	41	_	
	112	— .	_	50	45	43		
	116			55	48	45		
	120	_	1	60	52	48		
	124		_		56	51	_	
	128			-	61	54	4	
	132				66	58	4	
	136			=		62	_	
	140					66	_	
9	144			_		72		
METHOD				rtal heade		12 feet	-	
(See Ta	ble R602,10.4)	8 feet	9 feet	10 feet	Note c	Note c		
PFH	Supporting roof only	16 24	16		Note c	Note c	<u></u> ! 48	
1111	Supporting one story and roo		24	24 30	Note d	Note d		
PFG		24	27	20	Note e	Note e		
CS-PF	SDC A, B and C	16	18	20	Note e	Note e		
or SI: 1 inch = 25,4 mm, 1	SDC D ₀ , D ₁ and D ₂	16	18	20	14016.6	1,000		

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.

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

NP = Not Permitted.

a. Linear interpolation shall be permitted.

BINAVIN				CONNECTION CRITERIA'				
	METHODS, MATERIAL	MINIMUM THICKNESS	FIGURE	Fasteners	Spacing			
Methods	PFH Portal frame with hold-downs	3/ ₈ ″		See Section R602.10.6.2	See Section R602.10.6.2			
Intermittent Bracing Methods	PFG Portal frame at garage	7/ ₁₆ "		See Section R602,10.6.3	See Section R602.10.6.3			
	CS-WSP	3/8"		Exterior sheathing per Table R602.3(3)	6" edges 12" field			
S.	Continuously sheathed wood structural panel			Interior sheathing per Table R602.3(1) or R602.3(2)	Varies by fastener			
Continuous Sheathing Methods	CS-G ^{2, c} Continuously sheathed wood structural panel adjacent to garage openings	³/g"		See Method CS-WSP	See Method CS-WSP			
nuons She	CS-PF Continuously sheathed	7/16"		See Section R602.10.6.4	See Section R602.10.6.4			
Conti	CS-SFB ^d Continuously sheathed structural fiberboard	1/2" or 25/32" for maximum 16" stud spacing		$1\frac{1}{2}$ " long × 0.12" dia. (for $\frac{1}{2}$ " thick sheathing) $\frac{1}{2}$ " long × 0.12" dia. (for $\frac{2}{3}$ " 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/m², 1 mile per hour = 0.447 m/s.

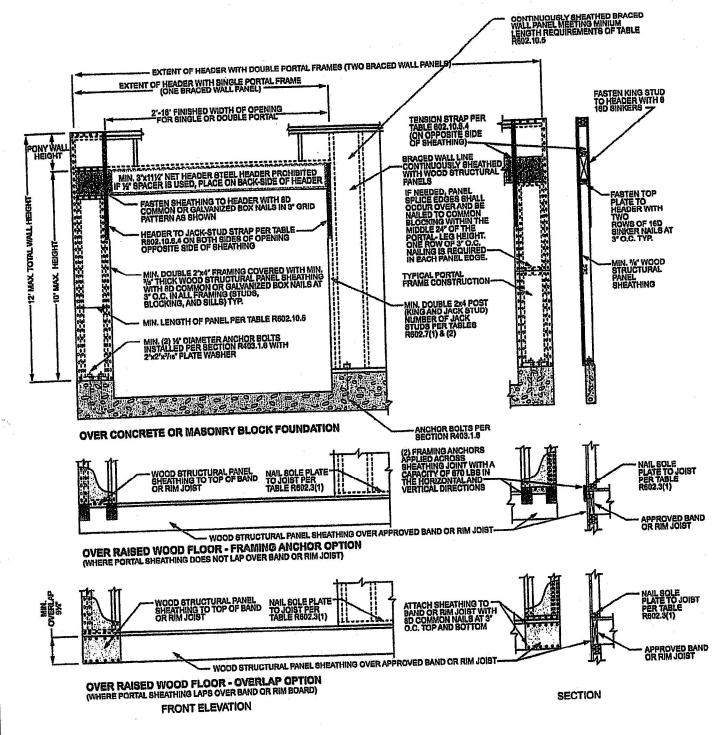
a. Adhesive attachment of wall sheathing, including Method GB, shall not be permitted in Seismic Design Categories C, D₀, D₁ and D₂.

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 D₀, D₁ and D₂ roof covering dead load shall not exceed 3 psf.

c. Garage openings adjacent to a Method CS-O 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 D₀, D₁ and D₂.

e. Method applies to detached one- and two-family dwellings in Seismic Design Categories D₀ through D₂ 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



ACCORDANCE WITH INTERNATIONAL CODE ENTIAL CODES. 2018 IN RESIDE LOCAL BUILD 2018 IN RESIDE

30 COLBY CREEK 0 SE CARTER RD EE SUMMIT MO TRUMARK HOMES MARIE III 4 H LOT

> SCALE 1/4" = 1-0

DATE 4-24-21

PLAN NO. 3398-30

SHEET NO.

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