

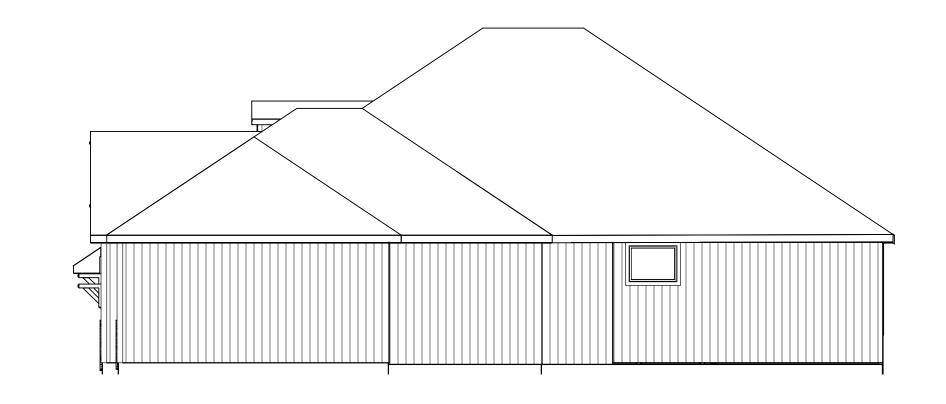


FRONT EL. STUCCO AND STONE



3 SIDES LP PANEL SIDING





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

RIGHT EL. 1/8 = 1-0





TRUMA KYLE V. LOT 98 138 NW LEE SU

SCALE 1/4" = 1-0

DATE 1-21-21

PLAN NO.

SHEET NO.

3273

1 OF 6

1/4" = 1-0

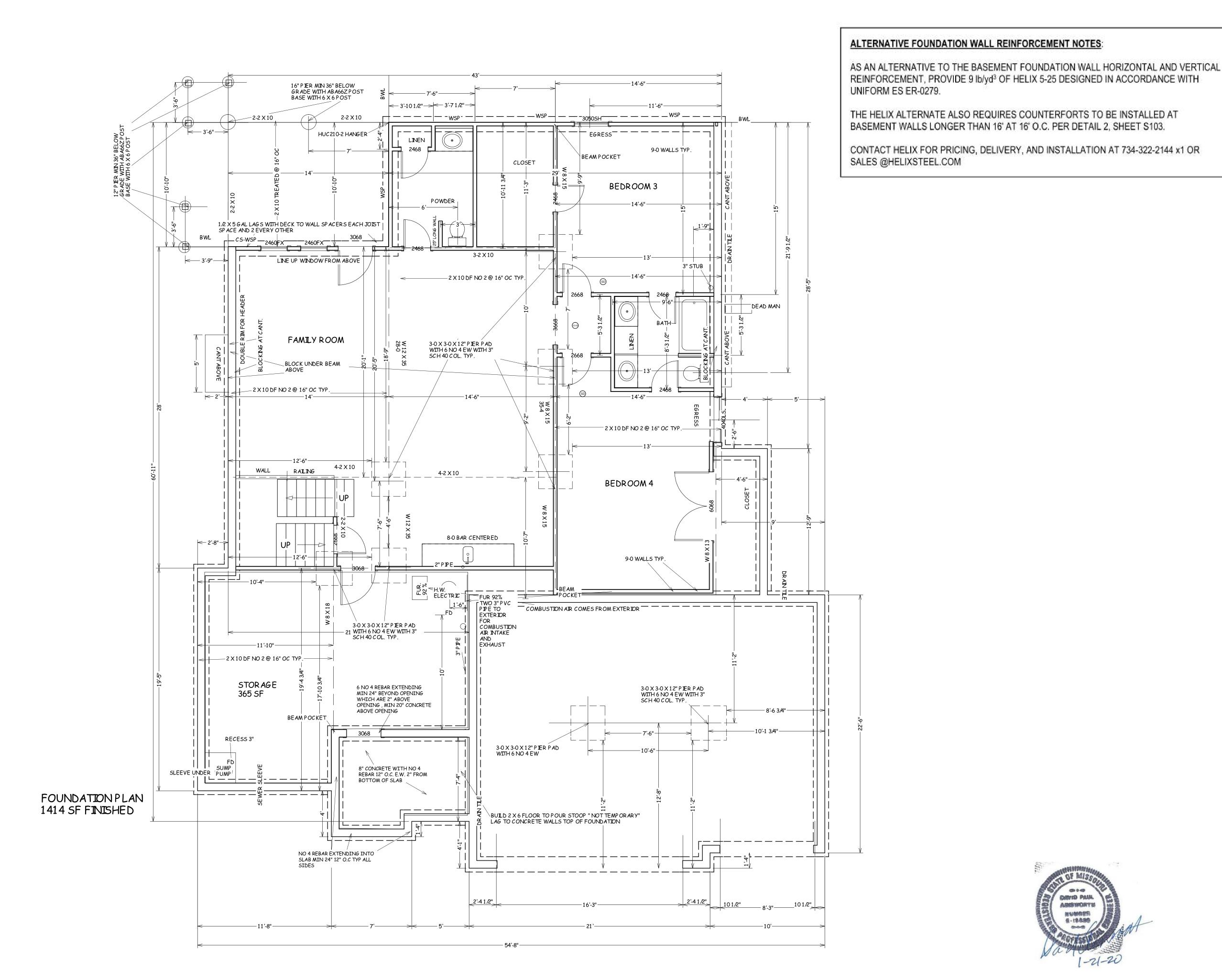
SHEET NO. 2 OF 6

DAVID PAUL

ADSTROATM 級和郵份直到 6-19-680

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

01/25/2021



## TYPICAL FOUNDATION WALL

DETAIL NOTES:

1. FLOOR/WALL FRAMING AND ANCHORAGE
ABOVE PER STRUCTURAL PLAN.

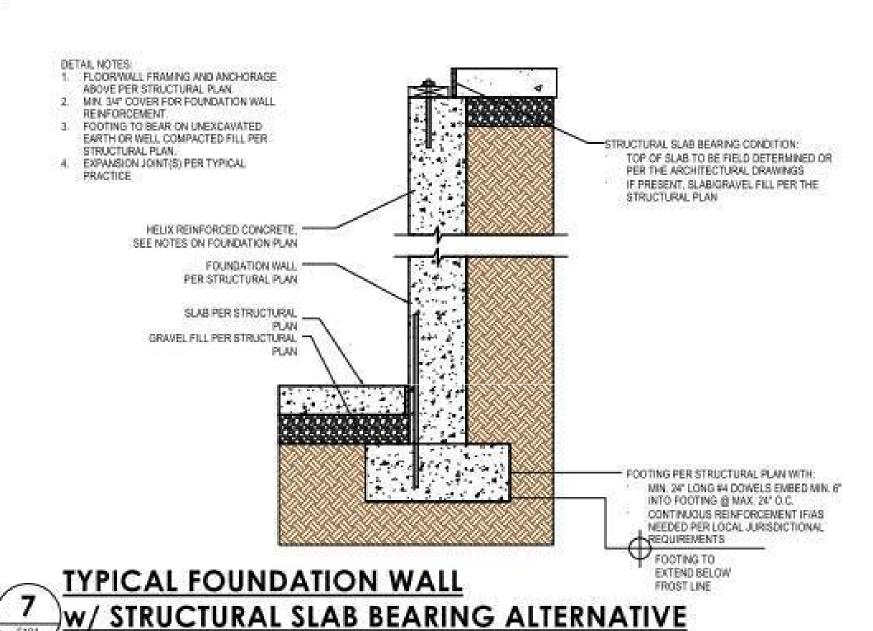
2. MIN. 34" COVER FOR FOUNDATION WALL.

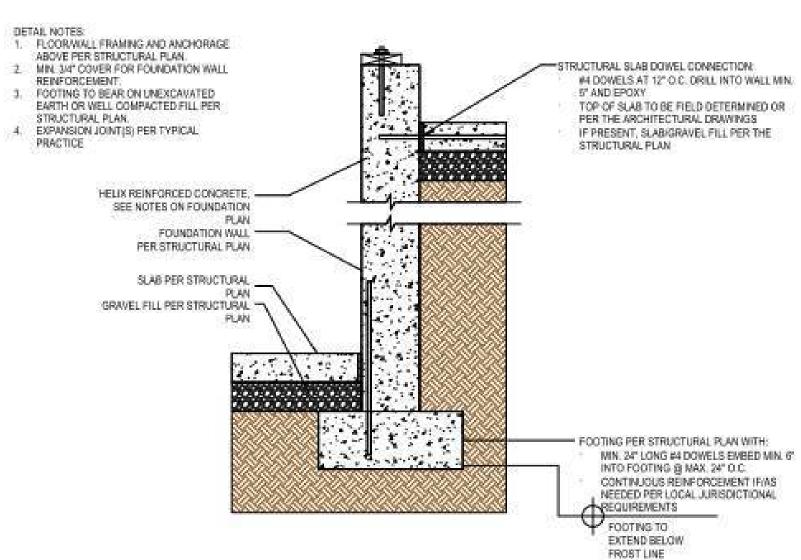
REINFORCEMENT.
3. FOOTING TO BEAR ON UNEXCAVATED EARTH OR WELL COMPACTED FILL PER 4. EXPANSION JOINT(S) PER TYPICAL

TRUCTURAL SLAB DOWEL CONNECTION: #4 DOWELS AT 12" O.C. DRILL INTO WALL MIN. TOP OF SUAB TO BE FIELD DETERMINED OR PER THE ARCHITECTURAL DRAWINGS IF PRESENT, SLABIGRAVEL FILL PER THE STRUCTURAL PLAN HELIX REINFORCED CONORETE. SEE NOTES ON FOUNDATION FOUNDATION WALL . PER STRUCTURAL PLAN FOOTING PER STRUCTURAL PLAN WITH: MIN. 24" LONG #4 DOWELS EMBED MIN. 6" INTO FOOTING (\$ MAX. 24" O.C. CONTINUOUS REINFORCEMENT IF/AS NEEDED PER LOCAL JURISDICTIONAL REQUIREMENTS FOOTING TO

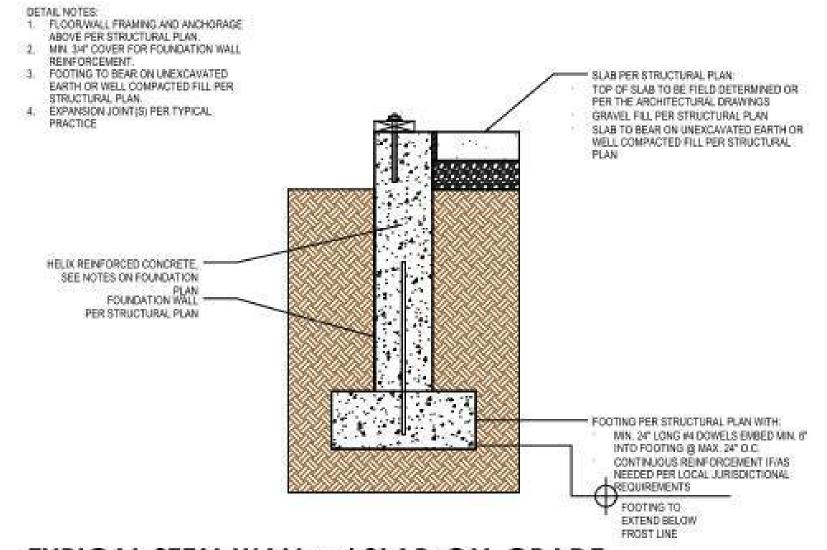
EXTEND BELOW

## TYPICAL STEM WALL W/ MULTIPLE STRUCTURAL **LEDGES**





## TYPICAL FOUNDATION WALL w/ STRUCTURAL SLAB **ADJACENT**



TYPICAL STEM WALL w/ SLAB-ON-GRADE **ADJACENT** 

DETAIL NOTES:
1. FLOORWALL FRAMING AND ANCHORAGE
ABOVE PER STRUCTURAL PLAN
2. MIN. 3N° COVER FOR FOUNDATION WALL

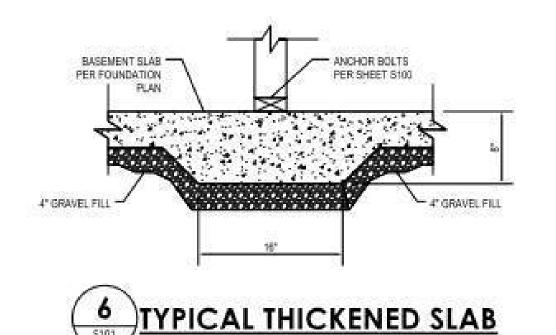
REINFORCEMENT.

3. FOOTING TO BEAR ON UNEXCAVATED EARTH OR WELL COMPACTED FILL PER

STRUCTURAL PLAN.
4. EXPANSION JOINT(S) PER TYPICAL

STRUCTURAL SLAB DOWEL CONNECTION. #4 DOWELS AT 12" O.C. DRILL INTO WALL MIN. TOP OF SLAB TO BE FIELD DETERMINED OR PER THE ARCHITECTURAL DRAWINGS IF PRESENT, SLAB/GRAVEL FILL PER THE STRUCTURAL PLAN HELIX REINFORCED CONCRETE, \*
SEE NOTES ON FOUNDATION FOUNDATION WALL -PER STRUCTURAL PLAN - FOOTING PER STRUCTURAL PLAN WITH: MIN. 24" LONG #4 DOWELS EMBED MIN. 6". INTO FOOTING @ MAX. 24" O.C. CONTINUOUS REINFORCEMENT IF/AS NEEDED PER LOCAL JURISDICTIONAL REQUIREMENTS FOOTING TO EXTEND BELOW

TYPICAL STEM WALL w/ STRUCTURAL SLAB ADJACENT



SCALE 1/4" = 1-0

98 RESERVE AT WOODSIDE NW AMBERSHAM DRIVE SUMMIT MO

DATE 1-21-21

PLAN NO.

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

01/25/2021

900 DOVID PAUL ARIS WORTH 6-19686

DATE 1-21-21

PLAN NO.

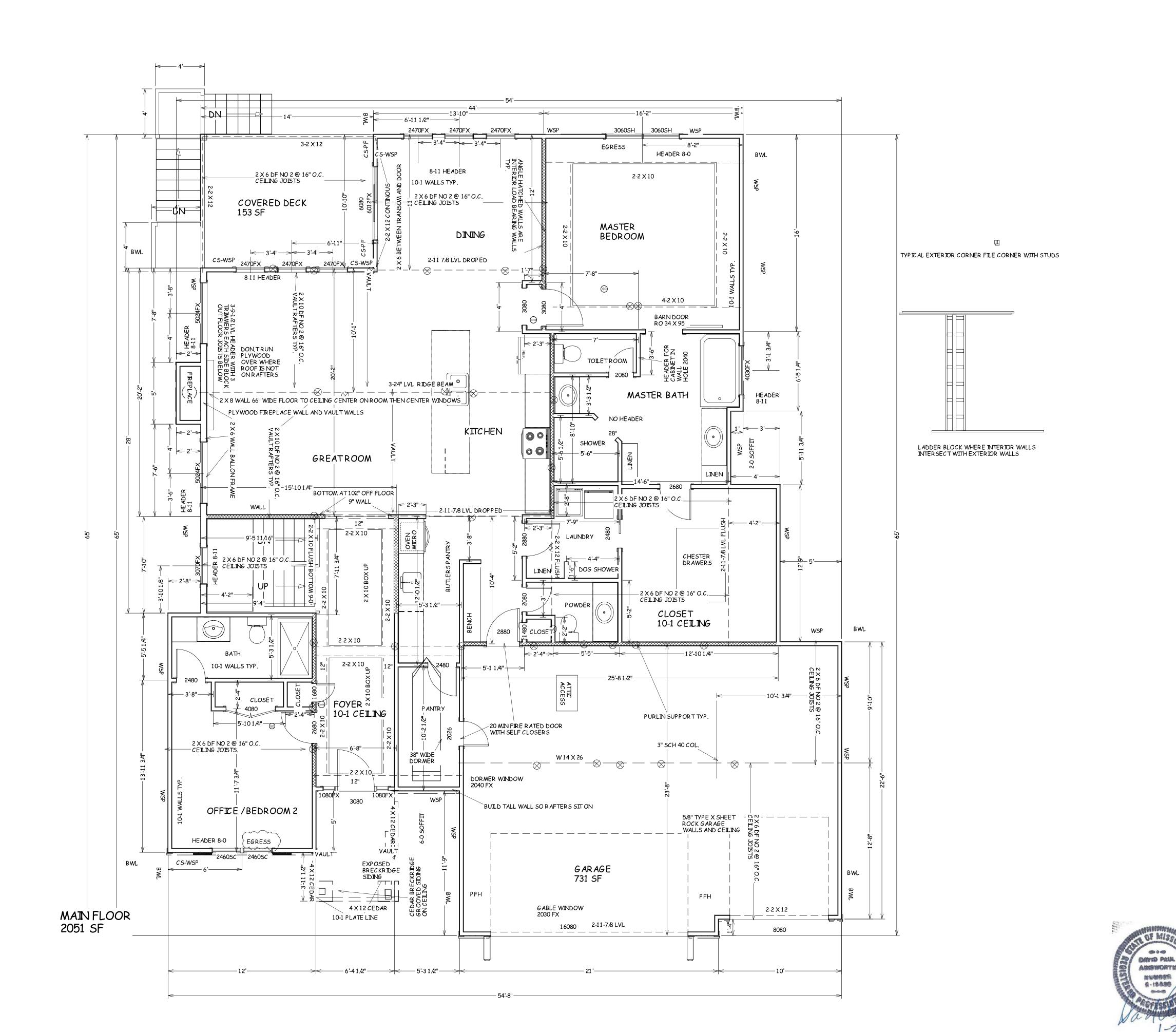
3273 SHEET NO.

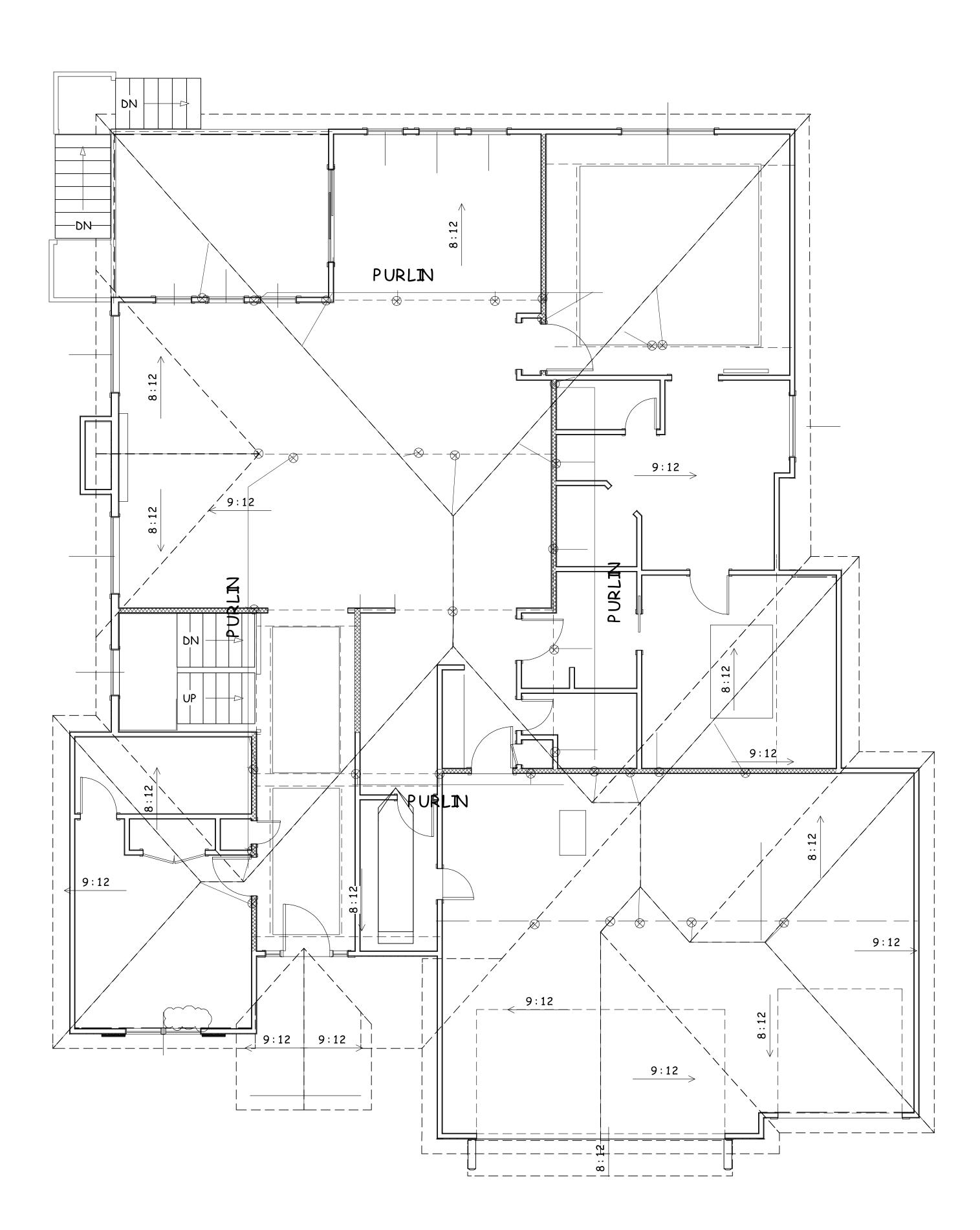
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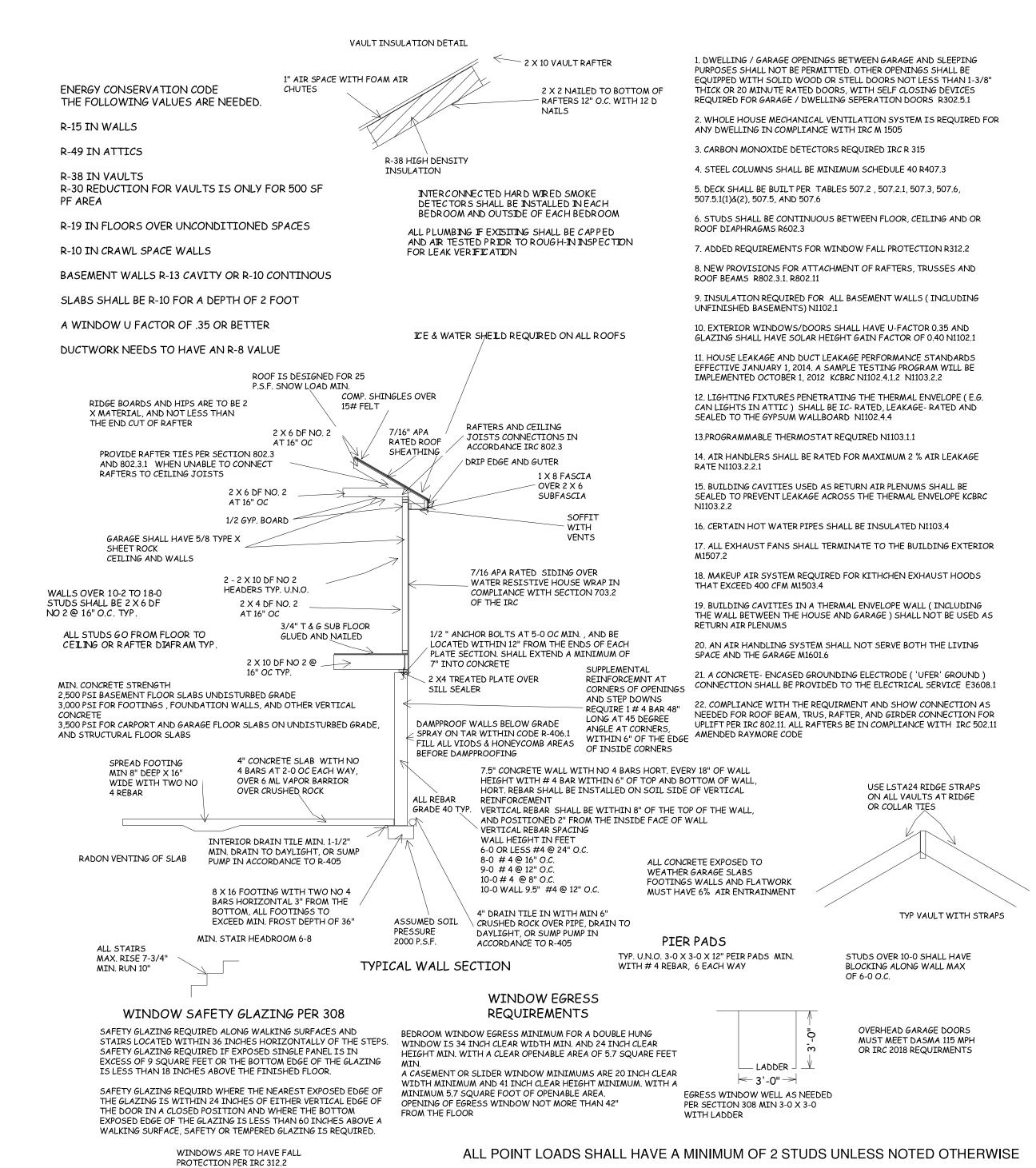
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01/25/2021





PURLINPLAN



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

SCALE 1/4" = 1-0

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DATE 1-21-21

PLAN NO.

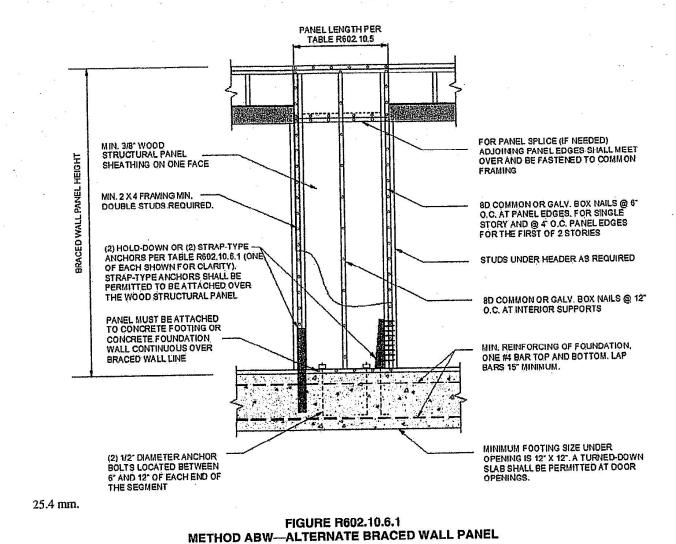
3273

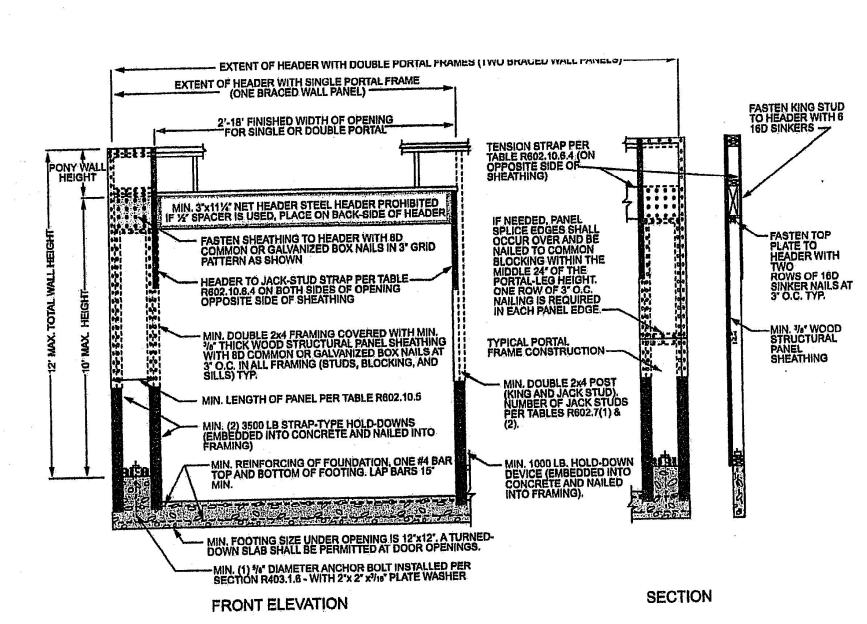
SHEET NO.

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RELEASE FOR

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AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 01/25/2021





4 mm, 1 foot = 304.8 mm.

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

			BRACING METHO	CONNECTION CRITERIA		
METHODS, MATERIAL		MINIMUM THICKNESS	FIGURE	Fasteners	Spacing	
	LIB	1 × 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 <sup>1</sup> / <sub>2</sub> " long x 0.113" dia.) nails	Wood: per stud and top and bottom plat	
Intermittent Bracing Methods	Let-in-bracing			Metal strap: per manufacturer	Metal: per manufacture	
	DWB Diagonal wood boards	3/4" (1" nominal) for maximum 24" stud spacing		2-8d $(2^{1}/_{2}^{"} \text{ long} \times 0.113^{"} \text{ dia.})$ nails or $2 - 1^{3}/_{4}^{"} \text{ long staples}$	Per stud	
	WSP Wood	3/g"		Exterior sheathing per Table R602.3(3)	6" edges 12" fie	
	structural panel (See Section R604)			Interior sheathing per Table R602.3(1) or R602.3(2)	Varies by fasten	
	BV-WSP* Wood structural panels with stone or masonry veneer (See Section R602.10.6.5)	7/ <sub>16</sub> "	See Figure R602.10.6.5	8d common (2 <sup>1</sup> / <sub>2</sub> " × 0.131) nails	4" at panel edges 12" at intermediat supports 4" at brac wall panel end po	
	SFB Structural fiberboard sheathing	1/2" or 25/32" for maximum 16" stud spacing		1 <sup>1</sup> / <sub>2</sub> " long × 0.12" dia. (for <sup>1</sup> / <sub>2</sub> " thick sheathing) 1 <sup>3</sup> / <sub>4</sub> " long × 0.12" dia. (for <sup>25</sup> / <sub>32</sub> " thick sheathing) galvanized roofing nails	3" edges 6" fie	
	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 wa panel locations: 7 edges (including and bottom plates field	
	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" fid	
	PCP Portland cement plaster	See Section R703.7 for maximum 16" stud spacing		1 <sup>1</sup> / <sub>2</sub> " long, 11 gage, <sup>7</sup> / <sub>16</sub> " dia. head nails or <sup>7</sup> / <sub>8</sub> " long, 16 gage staples	6" o.c. on all frar members	
	HPS Hardboard panel siding	7/16" for maximum 16" stud spacing		0.092" dia., 0.225" dia. head nails with length to accommodate 11/2" penetration into studs	4" edges 8" fi	
	ABW Alternate braced wall	3/8"		See Section R602.10.6.1	See Section R602.1	

MINIMUM LENGTH OF BRACED WALL PANELS  MINIMUM LENGTH' (Inches)							CONTRIBUTING LENGTH	
METHOD (See Table R602.10.4)				(inches)				
		8 feet	9 feet	10 feet	11 feet	12 feet		
DWB, WSP, SFB, PI	BS, 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 × Actual	
LIB		55	62	69	NP	NP	Actual <sup>6</sup>	
	SDC A, B and C, ultimate design wind speed < 140 mph	28	32	34	38	42	48	
ABW	SDC D <sub>0</sub> , D <sub>1</sub> and D <sub>2</sub> , ultimate design wind speed < 140 mph	32	32	34	NP	NP		
	CS-G	24	27	30	33	36	Actual <sup>b</sup>	
	Adjacent clear opening height (inches)			ii				
	≤ 64	24	27	30	33	36		
	68	26	27	30	33	36	Actual <sup>b</sup>	
	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	
	108		54	46	43	41	4	
	112			50	45	43	4.	
	116			55	48	45	-	
	120			60	52	48	, ,	
	124			<u> </u>	56	51		
	128		<u> </u>		61	54 58	-	
	132				66	62		
	136				<b></b> _	66		
	140	-		<del> </del> -		72		
	144			ortal heade	holaht	1		
	4ETHOD able R602,10.4)	8 feet	9 feet	10 feet	11 feet	12 feet	<del>-</del>	
	Supporting roof only	16	16	16	Note c	Note c	48	
PFH	Supporting one story and roo	24	24	24	Note c	Note c		
PFG		24	27	30	Note d	Note d		
OR PE	SDC A, B and C	16	18	20	Note e	Note e		
CS-PF	SDC $D_0$ , $D_1$ and $D_2$	16	18	20	Note e	Note e	Actual <sup>b</sup>	
= Not Permitted.  I inear interpolation shall			madh					

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

				CONNECTION CRITERIA		
METHODS, MATERIAL		MINIMUM THICKNESS	FIGURE	Fastenere	Specing	
g Methods	PFH Portal frame with hold-downs	³/g″		See Section R602.10.6.2	See Section R602.10.6.2	
Intermittent Bracing Methods	PFG Portal frame at garage	<sup>7</sup> / <sub>16</sub> "		See Section R602.10.6.3	See Section R602.10.6.	
	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-Gb-c Continuously sheathed wood structural panel adjacent to garage openings	³/g"		See Method CS-WSP	See Method CS-WSP	
	CS-PF Continuously sheathed portal frame	7/16"		See Section R602.10.6.4	See Section R602.10.6	
	CS-SFB <sup>d</sup> Continuously sheathed structural fiberboard	1/2" or <sup>25</sup> /32" for maximum 16" stud spacing		1 <sup>1</sup> / <sub>2</sub> " long × 0.12" dia. (for <sup>1</sup> / <sub>2</sub> " thick sheathing) 1 <sup>3</sup> / <sub>4</sub> " long × 0.12" dia. (for <sup>25</sup> / <sub>32</sub> " 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.

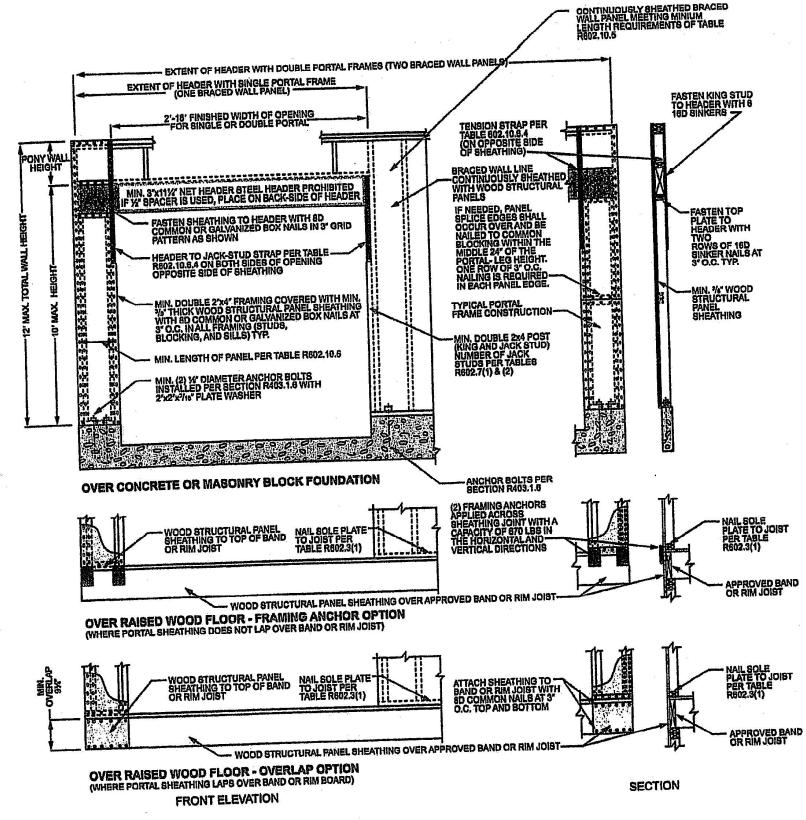
a. Adhesive attachment of wall sheathing, including Method GB, shall not be permitted in Seismic Design Categories C, D<sub>0</sub>, D<sub>1</sub> and D<sub>2</sub>.

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>0</sub>, D<sub>1</sub> and D<sub>2</sub>, 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 D<sub>0</sub>, D<sub>1</sub> and D<sub>2</sub>.

e. Method applies to detached one- and two-family dwellings in Seismic Design Categories D<sub>0</sub> through D<sub>2</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



NT 98 RESERVE AT WOODSIDE 8 NW AMBERSHAM DRIVE E SUMMIT MO 大文乙設品

SCALE 1/4" = 1-0

DATE 1-21-21

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RELEASE FOR CONSTRUCTION
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LEE'S SUMMIT, MISSOURI 01/25/2021