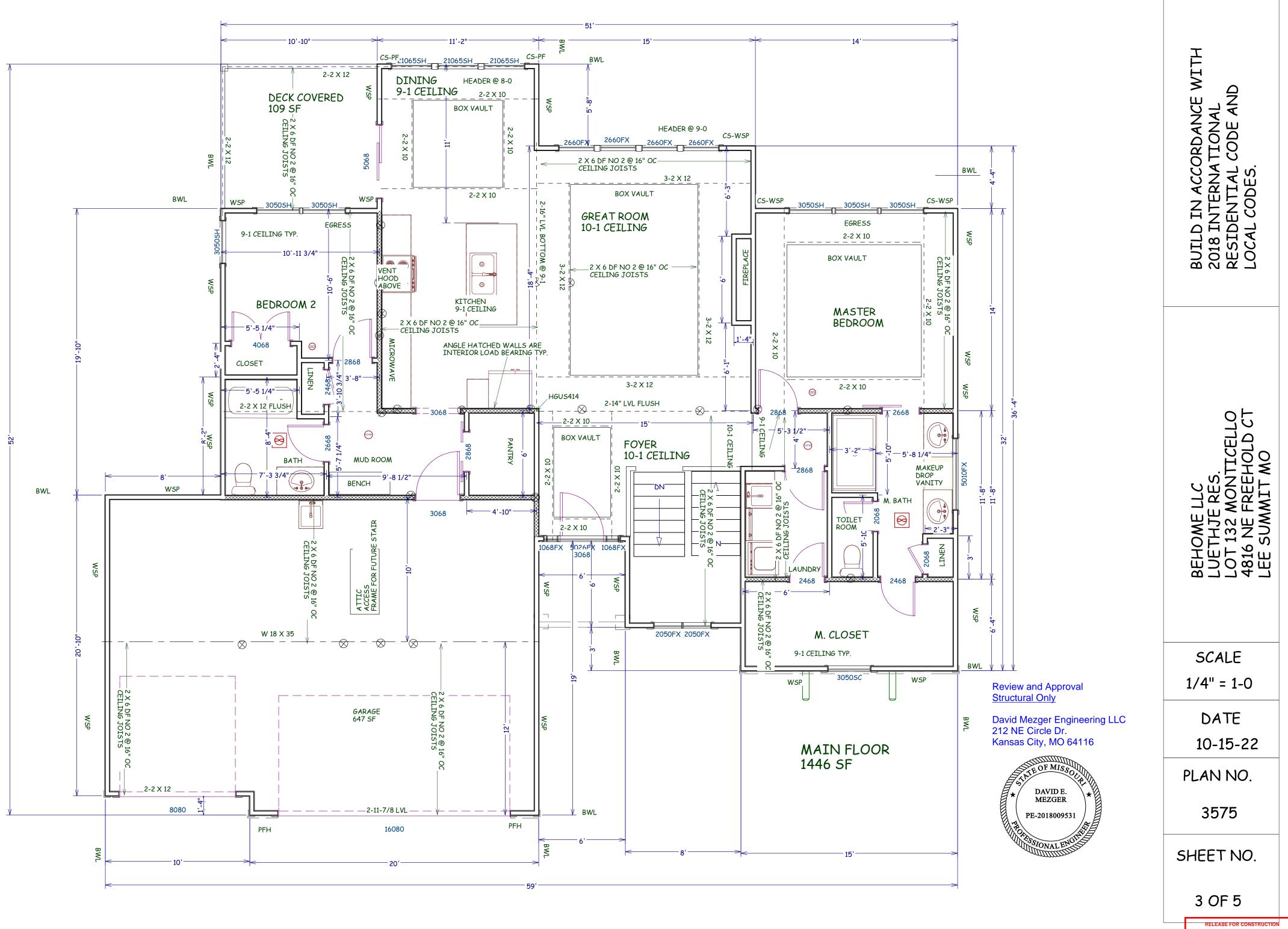
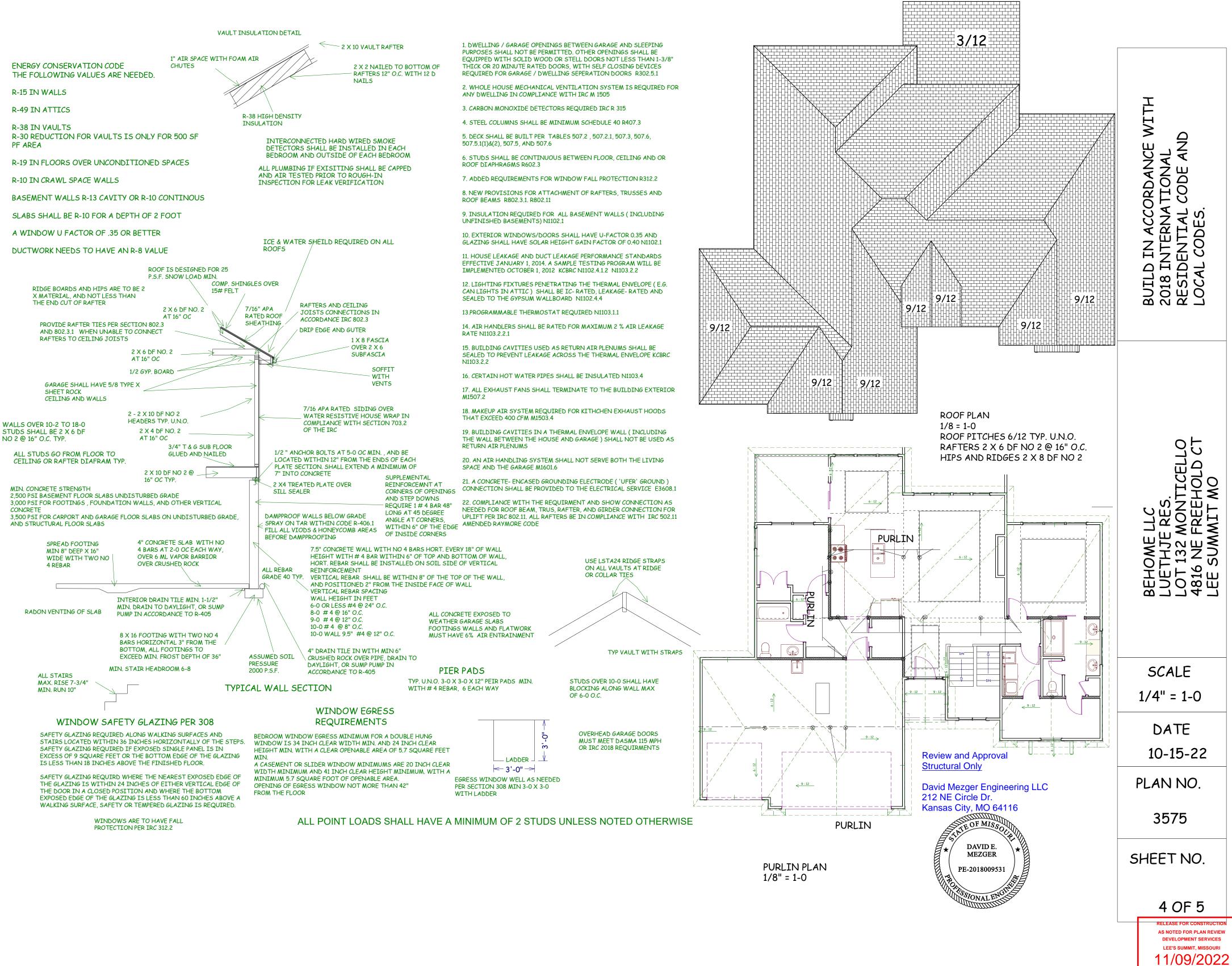
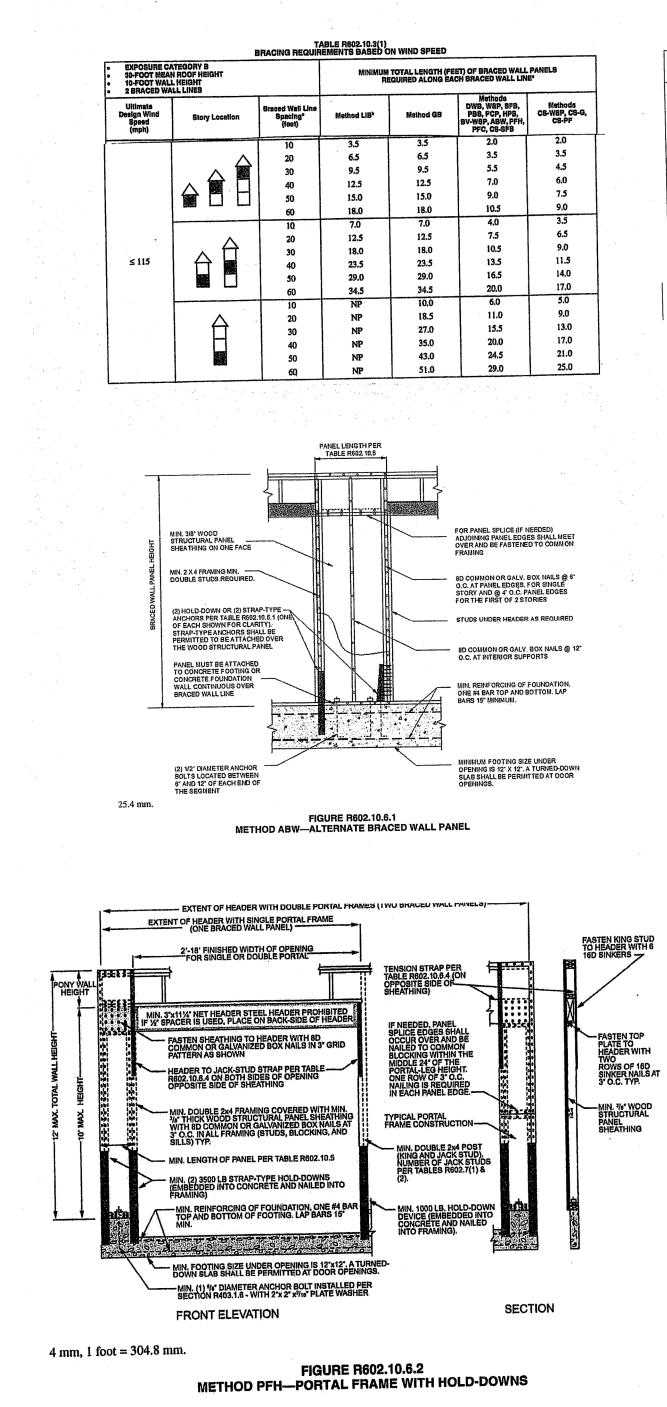


RELEASE FOR CONSTRUCTION AS NOTED FOR PLAN REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 11/09/2022



AS NOTED FOR PLAN REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 11/09/2022





		·····	BRACI	E R602.1 NG METH	IODS	·····	CONNE	CTION CRITE	RIA* 1				TABLE R602.10.4-con BRACING METHOL	DS		ı.
IH	HODS, MATERIAL	MINIMUM THICKNESS	FIGURI	E		CONNECTION CRITER			Spacing		METHODS, MATERIAL	MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA		
		1 × 4 wood or	+			Wood: 2-8		n nails	Wood: per stud and		METHODO, MATERIAL		· · · · · ·	Fasteners	Spacing	
	LIB	approved metal straps at 45° to 60° angles for			3-8d	$(2^{1}/_{2}^{"})$ long	or g x 0.113"	dia.) nails	top and bottom plates	spor	PFH Portal frame with	3/ <sub>5</sub> ″		See Section R602.10.6.2	See Section R602.10.6.2	
	Let-in-bracing	maximum 16"				letal strap:			Metal: per manufacturer	g Methods	hold-downs	'5	M			-
	stud spacing	$\vdash$			2-8d (2 <sup>1</sup> / <sub>2</sub> " long × 0.113" dia.) nails				Bracing							
DWB Diagonal		<sup>3</sup> / <sub>4</sub> " (1" nominal) for maximum 24"			2.00	$2 - 1^3/_4$ long staples		Per stud	tt Bra	PFG	71. 11	TETRITIE	See Section R602.10.6.3	See Section R602.10.6.3		
wood boards	stud spacing		<u> </u>		Exterior sheathing per		6" edges 12" field	Internittent	Portal frame at garage	e <sup>7</sup> / <sub>16</sub> "		See Section Rooz. 10.0.5				
WSP Wood structural panel See Section R604)	<sup>3</sup> / <sub>8</sub> "				Table R602.3(3)			Inter								
				Т	Interior able R602			Varies by fastener	ies by fastener	CS-WSP			Exterior sheathing per Table R602.3(3)	6" edges 12" field		
BV-WSP							4" at panel edges		Continuously sheather wood structural pane	<sup>3</sup> / <sub>8</sub> "		Interior sheathing per	Varies by fastener	1		
Wood structural panels with stone or masonry veneer (See Section R602.10.6.5)	7/ <sub>16</sub> "	See Figure R6	121065	84	8d common $(2^{1}/_{2}" \times 0.131)$ nails		12" at intermediate supports 4" at braced	ł				Table R602.3(1) or R602.3(2)		4		
		See Figure Ro	02.10.0.0	du common (272 tr		(	X 0.101 ) 1.410	wall panel end posts	Methods	CS-G <sup>b, c</sup> Continuously sheathed			San Mathed CS-WSP	See Method CS-WSP		
					$1^{1}/_{2}$ " long × 0.12" dia. (for $1/_{2}$ " thick			athing	wood structural panel adjacent to garage	3/ <sub>8</sub> ″		See Method CS-WSP	See Memoa CS-WSF			
	SFB Structural	1/2 or $25/32$ for	TIM		sheathing) $1^{3}/_{4}$ " long × 0.12" dia. (107 $T_{2}$ dia. (107 $T_{2}$ dia. (107		0.12" dia.	3" edges 6" field	Sheat	openings CS-PF					-	
	fiberboard sheathing	maximum 16" stud spacing				galvaniz	ed roofing	g nails		anot	Continuously sheathe	ed 7/ <sub>16</sub> "		See Section R602.10.6.4	See Section R602.10.6.4	
-	Sheating				Nails	or screws	per Table	R602.3(1) fo	r For all braced wall panel locations: 7"		portal frame		н	$1^{1}/_{2}^{"} \log \times 0.12^{"}$ dia.		7
	GB	1/2"			Naile	exterior locations Nails or screws per Table R702.3.5 for		edges (including top	C	CS-SFB <sup>d</sup> Continuously sheather	1/2 or $23/32$ for maximum 16"		(for $\frac{1}{2}$ thick sheathing) 1 <sup>3</sup> / <sub>4</sub> long × 0.12" dia. (for $\frac{25}{22}$ thick sheathing)	3" edges 6" field		
	Gypsum board					interior locations		field		structural fiberboard			(for <sup>25</sup> / <sub>32</sub> " thick sheathing) galvanized roofing nails			
	PBS	$\frac{3}{8}$ or $\frac{1}{2}$ for				For ${}^{3}/_{8}$ ", 6d common (2" long × 0.113" dia.) nails		011 1 010 1	For	SI: 1 inch = 25.4 mm. 1 for	ot = 304.8 mm, 1 degree = 0	0175 rad, 1 pound per squar	re foot = 47.8 N/m <sup>2</sup> , 1 mile per hour :	= 0.447 m/s.		
	Particleboard sheathing	maximum 16"			1	For <sup>1</sup> / <sub>2</sub> ", 8d common		3" edges 6" field	a. 1	<ul> <li>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.</li> <li>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>.</li> <li>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 C, D<sub>0</sub>, D<sub>1</sub> and D<sub>2</sub>.</li> <li>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>1</sub>, roof covering dead load shall not exceed 3 psf.</li> <li>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</li> </ul>					nic	
	(See Section R605	See Section R703.7	For H	P=4	11/-"	$(2^{1}/_{2}^{"} \log \times 0.131^{"} dia.)$ nails $1^{1}/_{2}^{"} \log_{1} 11 \text{ gage}, \frac{7}{16}^{"} dia.$ head nai			c .						not	
	PCP Portland	maximum 16"				or $\frac{1}{2}$ long, 16 gage staples		members		be permitted adjacent to a M	fethod CS-G panel.	orles D., D. and D.				
cement plaster HPS		stud spacing		F-1	0.092" dia., 0.2		.225" dia. head nails wit	th 4" edges 8" field	8.	Method applies to detached	one- and two-family dwellin	ngs in Seismic Design Catego	ories Do through D2 only.			
	Hardboard panel siding	<sup>7</sup> / <sub>16</sub> " for maximum 1 stud spacing				length to accommodate 1 <sup>1</sup> / <sub>2</sub> " penetration into studs		4 cuges o neiu								
				<u> </u>				See					•			
	ABW Alternate	<sup>3</sup> / <sub>8</sub> "			See Section R602.10.6.1		Section R602.10.6.1									
	braced wall		¥Ÿ											CONTINUOUSLY 8HE WALL PANEL MEETIN LENGTH RECOURSEME R802,10.5	ATHED BRACED	
(See Te		METHOD Table R602.10.4)				MINIMUM LENGTH* (Inches) Wali Height			CONTRIBUTING LENGTH (Inches)			-18' FINISHED WIDTH OF C FOR SINGLE OR DOUBLE F				FASTEN KING STUD TO HEADER WITH 8 16D BINKERS
						The second			(nicitas)		- 17551	FORGINGER		TABLE 602.10.8.4	PER	
-					9 feet	10 feet	11 feet	12 feet 58	Actual <sup>b</sup>	PONYV	- 17551			TENSION STRAP TABLE 602.10.8 4 (NOPPOSITE 8) OF SHEATHING)- BRACED WALL LINE		
	DWB, WSP, SFI	B, PBS, PCP, HPS, BV	/-WSP	48	9 feet 48	10 feet 48			Actual <sup>b</sup> Double sided = Actual	PONYV HEIG	ALL			BRAGED WALL LINE CONTINUOUSLY 81- WITH WOOD STRU		
	DWB, WSP, SFI	GB	/-WSP	48 48	9 feet 48 48	10 feet 48 48	11 feet 53	58	Actual <sup>b</sup>	PONY V HEIG		11/7 NET HEADER STEEL HE JER IS USED, PLACE ON BA	ADER PROHIBITED CK-SIDE OF HEADER	BRACED WALL LINE CONTINUOUSLY 8H WITH WOOD STRUE PANELS	HEATHED COURAL	
	DWB, WSP, SFI		C, ultimate	48 48 55	9 feet 48 48 62	10 feet 48 48 69	11 feet 53 53 NP	58 58 NP	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual	PONYV Heig		11/2 NET HEADER STEEL HI I/2 NET HEADER STEEL HI I/2 NET IS USED, PLACE ON BA STEN SHEATHING TO HEAD I/2 NATURE AND A STEEL AND A TIEN AS SHOWN	ADER PROHIBITED XXSIDE OF HEADER ERWITH 8D XXNALS IN 3° GRID	BRACED WALL LINE CONTINUOUSLY BH WITH WOOD STRUI PANELS IF NEEDED, PANEL SPLICE EDGES CH	HEATHED CTURAL	FASTEIN TOP PLATE TO HEADER WITH
		GB LIB SDC A, B and desig	C, ultimate	48 48 55	9 feet 48 48	10 feet 48 48	11 feet 53 53	58 58	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual	PONY V HEIG		11/2 NET HEADER STEEL HI I/2 NET HEADER STEEL HI I/2 NET IS USED, PLACE ON BA STEN SHEATHING TO HEAD I/2 NATURE AND A STEEL AND A TIEN AS SHOWN	ADER PROHIBITED XXSIDE OF HEADER ERWITH 8D XXNALS IN 3° GRID	BRACED WALL LINE CONTINUOUSLY BH WITH WOOD STRUI PANELS IF NEEDED, PANEL SPLICE EDGES CH	HEATHED CTURAL	FASTEIN TOP PLATE TO HEADER WITH
	DWB, WSP, SFI	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and	C, ultimate n 140 mph D <sub>2</sub> , ultimate	48       48       55       28	9 feet           48           48           62           32	10 feet 48 48 69 34	11 feet 53 53 NP 38	58 58 NP	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONY V HEIG		11// NET HEADER STEEL HI ER IS USED, PLACE ON BA STEN SHEATHING TO HEAD MMON OR GALVANIZED EC TTERN AS SHOWN VADER TO JACK-STUD STR/ 02, 10.8.4 ON BOTH SIDES POSITE SIDE OF SHEATHIN	ADER PROHIBITED ADER PROHIBITED KSIDE OF HEADER ER WITH 8D X NALS IN 3' GRID P PER TABLE FOPENING G	BRACED WALL LINE CONTINUOUSLY 8H WITH WOOD STRUE PANELS	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TYOU ROVIS OF 16D SINKER NAILS AT STOL. TYP.
		GB LIB SDC A, B and desig wind speed <	C, ultimate n 140 mph D <sub>2</sub> , ultimate n	48       48       55       28       32	9 feet 48 48 62 32 32 32	10 feet           48           48           69           34           34	11 feet 53 53 NP 38 NP	58 58 NP 42 NP	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONY V HEIGHT HEIGHT LH9EHT TRM TRUCL XV		11// NET HEADER STEEL HI ER IS USED, PLACE ON BA STEN SHEATHING TO HEAD MMON OR GALVANIZED EC TTERN AS SHOWN VADER TO JACK-STUD STR/ 02, 10.8.4 ON BOTH SIDES POSITE SIDE OF SHEATHIN	ADER PROHIBITED ADER PROHIBITED KSIDE OF HEADER ER WITH 8D X NALS IN 3' GRID P PER TABLE FOPENING G	BRACED WALL LINE CONTINUOUSLY BY WITH WOOD STRU- WITH WOOD STRU- PANELS IF NEEDED, PANEL GOCUR OVER ANC NOUCE TO COMM BLORICK WITHIN MIDDLE 24" OF TH PORTAL-LEG HEIL ONE ROW OF 3" O NALING IS REQUI	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TYOU ROVIS OF 16D SINKER NAILS AT STOL. TYP.
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph	48       48       55       28	9 feet           48           48           62           32	10 feet 48 48 69 34	11 feet 53 53 NP 38	58 58 NP 42	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONYV HEIG LIHSHEH TTVM TVLOL XVM .21-		11// NET HEADER STEEL HI ER IS USED, PLACE ON BA STEN SHEATHING TO HEAD MMON OR GALVANIZED EC TTERN AS SHOWN VADER TO JACK-STUD STR/ 02, 10.8.4 ON BOTH SIDES POSITE SIDE OF SHEATHIN	ADER PROHIBITED ADER PROHIBITED KSIDE OF HEADER ER WITH 8D X NALS IN 3' GRID P PER TABLE FOPENING G	BRACED WALL LINE CONTINUOUSLY BY WITH WOOD STRU- PANELS IF NEEDED, PANEL SPLICE EDDES PANEL SPLICE EDDES PANEL SPLICE EDDES AND OCCUP OVER AND NALED TO COMM BLOCKING WITHIN MIDDLE 247 OF TH PORTAL-LES HEIL ONE ROW OF SYO NALING IS RECULI IN ALCH PANEL EI TYPICAL PORTAL FRAME CONSTRUCT	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEIN TOP PLATE TO HEADER WITH
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed <	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 140 mph	48       48       55       28       32	9 feet 48 48 62 32 32 32	10 feet           48           48           69           34           34	11 feet 53 53 NP 38 NP	58 58 NP 42 NP	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONY V HEIG HEIGT		11/2 NET HEADER STEEL HI I/2 NET HEADER STEEL HI I/2 NET IS USED, PLACE ON BA STEN SHEATHING TO HEAD I/2 NATURE AND A STEEL AND A TIEN AS SHOWN	ADER PROVINITED ADER PROVINITED KSIDE OF HEADER ER WITH 8D X NAILS IN 3' GRID P PER TABLE F OPENING G COVERED WITH MIN. L DANEL SHEATHING NIZED BOX NAILS AT 18,	BRACED WALL LINE CONTINUOUSLY BY WITH WOOD STRU- PANELS IF NEEDED, PANEL SPLICE EDDES PANEL SPLICE EDDES PANEL SPLICE EDDES AND OCCUP OVER AND NALED TO COMM BLOCKING WITHIN MIDDLE 247 OF TH PORTAL-LES HEIL ONE ROW OF SYO NALING IS RECULI IN ALCH PANEL EI TYPICAL PORTAL FRAME CONSTRUCT	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TYOU ROVIS OF 16D SINKER NAILS AT STOL. TYP.
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (incht) SDC S 64	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph pening height s) 4	48 48 55 28 32 24 24	9 feet           48           62           32           32           27           27	10 feet         48           48         69           34         34           30         30	11 feet 53 53 NP 38 NP 33 33	58 58 NP 42 NP 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONYPE HEIGHT HEIGHT		112" NET HEADER STELL HI 212" IS USED, PLACE ON BA STEIN SHEATHING TO HEAD IMMON OR GALVANIZED BC TTERN AS SHOWN ADDER TO JACK-STUD STR/ 02. INBL STACK-STUD STR/ 10. DOUBLE 2"X4" FRAMING 1" HICK WOOD BTRUCTUR. TH AD COMMON OR GALW OC. INALL FRAMING GTU LOCKING, AND BILLS) TYP IN. LENGTH OF PANEL PER	ADER PROHIBITED ADER PROHIBITED CX SIDE OF HEADER ER WITH 8D X NALS IN 3' GRID P PER TABLE F OPENING G COVERED WITH MIN. L PAREL SHEATHING NIZED BOX NALS AT JG, TABLE R692, 10.5	BRACED WALL LINE CONTINUOUSLY BY WITH WOOD STRU- WITH WOOD STRU- PANELS IF NEEDED, PANEL GOCUR OVER ANC NOUCE TO COMM BLORICK WITHIN MIDDLE 24" OF TH PORTAL-LEG HEIL ONE ROW OF 3" O NALING IS REQUI	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH THOUS OF TOP RIVING OF TOP SINCER NAILS AT STOC. TYP.
			C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph pening height 28) 4	48 48 55 28 32 24	9 feet         48           48         62           32         32           32         27	10 feet 48 48 69 34 34 30	11 feet 53 53 NP 38 NP 33	58 58 NP 42 NP 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONT HEIG		112 NET HEADER STELL H 2521 IS USED, PLACE ON BA STEN SHEATHING TO HEAD MMON OR GALVANIZED BC TTERN AS SHOWN ADDER TO JACK-STUD STRA 02.105.4 ON BOTH SIDES C POSITE SIDE OF SHEATHING 11 DOUBLE 2747 FRAMING 11 DOUBLE 2747 FRAMING 11 DOUBLE 2747 FRAMING 11 DOUBLE 2747 FRAMING 11 DOUBLE 2747 FRAMING 10 CHORAND OR GALVA 10 CHORAND NOR GALVA 10 CHORAND NOR GALVA	ADER PROHIBITED ADER PROHIBITED ER WITH 8D FOPENING G COVERED WITH MIN. I DANEL SIEGENHING NIZED BOX NAILS AT 99, TABLE R602.10.5 R BOLTS IS.1.6 WITH	BRACED WALL LINE CONTINUOUSLY BI WITH WOOD STRUI PANEL3 IF NEEDED, PANEL SPLICE EDESD, PANEL SPLICE EDESD, PANEL SPLICE EDESD, PANEL BLOCKING WITHIN MIDLE 24/07 WITHIN MIDLE 24/07 WITHIN MIDLE 24/07 WITHIN NALINIP SREUL TYPICAL PORTAL FRAME CONSTRUC MIN, DOUBLE 24/1 (KING AND JACK S STUDS PER TABLE REDZ.7(1) & (2)		FASTEN TOP PLATE TO HEADER WITH TWO SOF TED SUNCER NAILS AN STOC. TYP.
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear of (incht) ≤ 66 68 72 76	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 200 200 200 200 200 200 200 20	48         48           48         55           28         32           24         24           26         27           30         30	9 feet         48           48         62           32         32           32         27           27         27           27         27           27         27           27         27	10 feet         48           48         69           34         34           30         30           30         30           30         30	11 feet 53 53 NP 38 NP 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONY V HEIG		112" NET HEADER STEEL H 212" IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD IMMON OR GALVANIZED BC TTERN AS SHOWN ADDR TO JACK-STUD STR/ 202. INAL FOR SHEATHIN IN. DOUBLE 2"A" FRAMING T'HICK WOOD STRUCTUR. OC, INAL FRAMING GUL OC, INAL FRAMING GUL OC, INAL FRAMING GUL OC, INAL FRAMING STRUCTUR. IN. LENGTH OF PANEL PER IN. (2) W DIAMETER ANCHC ISTALED PER SECTION RA XX'N" PLATE WASHER	ADER PROHIBITED CX-SIDE OF HEADER ER WITH 80 X NALS IN 3' GRID P PER TABLE F OPENING COVERED WITH MIN. I PANEL BREATHING NIZED BOX NAILS AT 36, rable R602.10.5 R BOLTS IS.1.6 WITH	BRACED WALL LINE CONTINUOUSLY BY WITH WOOD STRUI PANELS IF MEDDED, PANEL SPLICE EDGES BH OOCUR OVER AND NALLED TO COVER AND NALLED TO COVER AND NO ROW OF STO NALLING IS REQUI IN EACH PANEL E TYPICAL PORTAL FRAME CONSTRUC MIN, DOUBLE 224 F NUMBER OF JACK S NUMBER OF JACK S NUMBER OF JACK S NUMBER OF JACK S	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HENDER WITH TWOMS OF TED SINKER NAILS AT STOLETYPR MIN. 3/A WOOD SPANEL SHEATHING
		GB           LIB         SDC A, B and desig           wind speed <	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph pening height 35)	48         48           48         55           28         32           24         26           27         30           32         32	P feet         48           48         62           32         32           27         27           27         27           27         27           27         30	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30	11 feet 53 53 NP 38 NP 33 33 33 33	58 58 NP 42 NP 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONYY HEIGY HEIGY LH9EH TINM TRIOL XVW .21		112" NET HEADER STEEL H 212" IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD IMMON OR GALVANIZED BC TTERN AS SHOWN ADDR TO JACK-STUD STR/ 202. INAL FOR SHEATHIN IN. DOUBLE 2"A" FRAMING T'HICK WOOD STRUCTUR. OC, INAL FRAMING GUL OC, INAL FRAMING GUL OC, INAL FRAMING GUL OC, INAL FRAMING STRUCTUR. IN. LENGTH OF PANEL PER IN. (2) W DIAMETER ANCHC ISTALED PER SECTION RA XX'N" PLATE WASHER	ADER PROHIBITED CX-SIDE OF HEADER ER WITH 80 X NALS IN 3' GRID P PER TABLE F OPENING COVERED WITH MIN. I PANEL BREATHING NIZED BOX NAILS AT 36, rable R602.10.5 R BOLTS IS.1.6 WITH	BRACED WALL LINE CONTINUOUSLY BY WITH WOOD STRUI PANELS IF MEDDED, PANEL SPLICE EDGES BH OOCUR OVER AND NALLED TO COVER AND NALLED TO COVER AND NO ROW OF STO NALLING IS REQUI IN EACH PANEL E TYPICAL PORTAL FRAME CONSTRUC MIN, DOUBLE 224 F NUMBER OF JACK S NUMBER OF JACK S NUMBER OF JACK S NUMBER OF JACK S	ELECTIONAL CONTROL CON	FASTEN TOP PLATE TO HEADER WITH THOUS OF TOP RIVING OF TOP SINCER NAILS AT STOC. TYP.
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear of (incht) ≤ 66 68 72 76	<pre>/-WSP C, ultimate n 140 mph D2, ultimate n 140 mph pening height 35) 4</pre>	48         48           48         55           28         32           24         24           26         27           30         30	9 feet         48           48         62           32         32           32         27           27         27           27         27           27         30           32         35	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           33         30	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	PONY Y HEIG		11// NET HEADER STEEL H SER IS USED, PLACE ON BA STEIN SHEATHING TO HEAD MMON OR GALVANIZED BC TTERN AS SHOWN ADDER TO JACK-STUD STRA 20. ID B.A. ON BOTH SIDES C POSITE SIDE OF SHEATHIN AD CONCOLS TRUCTUR IN DOUBLE 274/ FRAMING STRUCT WOON OF ARALLY IN DOUBLE 274/ FRAMING STALLED FRAMING STU IN LENGTH OF PANEL PER IN LENGTH OF PANEL PER IN LENGTH OF PANEL PER IN LENGTH OF PANEL PER IN (2) W OLAMETER ANCH( ISTALLED PER SECTION RA X274/10 PLATE WASHER	ADER PROVINITED ADER PROVINITED XXSIDE OF HEADER FOR TABLE FORENING COVERED WITH MIN. LIZED BOX NAILS AT 18, TABLE R602.10.5 R BOLTS IS.1.6 WITH	BRACED WALL LINE CONTRILIDUELY BI WITH WOOD STRUI PANELS IF NEEDED, PANEL SPLICE EDGES BI OCCUR OVER ANY NALED TO CONVER ANY NALED TO CONVER ANY NALED TO CONVER ANY NALED TO CONVER ANY OCCUR OVER ANY NALED TO CONVER ANY OCCUR OVER ANY NALED TO CONVER ANY OCCUR OVER ANY NUMBER CONSTRUCT MIN, DOUBLE 224 F MIN, DOUBLE 224 F	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TROOP SOF TOP SINCER NAILS AT STOLE TYP. MIN. 3/6 WOOD SPACE PANEL SHEATHING
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (incht 66 68 722 76 80 84 88 92	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 2, ultimate n 140 mph 28)	48       48       55       28       32       24       26       27       30       32       35       38       43	9 feet         48           48         62           32         32           32         27           27         27           27         27           27         30           32         35           37         37	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         35	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		112" NET HEADER STEEL H 212" IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD IMMON OR GALVANIZED BC TTERN AS SHOWN ADDR TO JACK-STUD STR/ 202. INAL FOR SHEATHIN IN. DOUBLE 2"A" FRAMING T'HICK WOOD STRUCTUR. OC, INAL FRAMING GUL OC, INAL FRAMING GUL OC, INAL FRAMING GUL OC, INAL FRAMING STRUCTUR. IN. LENGTH OF PANEL PER IN. (2) W DIAMETER ANCHC ISTALED PER SECTION RA XX'N" PLATE WASHER	ADER PROVINITED ADER PROVINITED XXSIDE OF HEADER FOR TABLE FORENING COVERED WITH MIN. LIZED BOX NAILS AT 18, TABLE R602.10.5 R BOLTS IS.1.6 WITH	BRACED WALL LINE CONTRUCUELY SH WITH WOOD STRUI PANELS IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL BLOCKING GOWM HUNGER AND VOR STOL NALING IS REQUI IN EACH PANEL IES HEL ONE ROW OF STOL NALING IS REQUI IN EACH PANEL FRAME CONSTRUC FRAME CONSTRUCT STUDS PER TABLE RED2.7(1) & (2)	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TROUGH OF 16D SINKER NAILS AT STOLC. TYP. MIN. 1% WOOD STOLCTURAL PANEL SHEATHING
		GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (incht 66 68 722 76 80 84 88 92 96	<pre>/-WSP C, ultimate n 140 mph D2, ultimate n 140 mph enning height 35) 4 </pre>	48       48       55       28       32       24       26       27       30       32       35       38	9 feet         48           48         62           32         32           32         27           27         27           27         27           27         30           32         35	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           33         30	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36 36 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		11% NET HEADER STEEL HI 11% NET HEADER STEEL HI 21% IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD 11% NO STEAL STEEL HI 202, 102, 40 NOTH SIDES C 11% NO STEEL STAT 11% CN WOOD STRUCTURE 11% CN WOOD STRUCTURE 11% COMMON OR GALW 10% COMMON OR COMMON 10% COMMON OR GALW 10% COMMON OR COMMON 10% COMMON OR COMMON 10% COMMON OR COMMON 10% C	ADER PROHIBITED CONSIDE OF HEADER REVUTH BD XXALS IN 3' GRID P PER TABLE FORENING CONERED WITH MIN L PANEL SHEATHING NZED EDX NAILS AT 99, TABLE R602.10.5 R BOLTS IS J.S WITH	BRACED WALL LINE CONTRUCUELY SH WITH WOOD STRUI PANELS IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL BLOCKING GOWM HUNGER AND VOR STOL NALING IS REQUI IN EACH PANEL IES HEL ONE ROW OF STOL NALING IS REQUI IN EACH PANEL FRAME CONSTRUC FRAME CONSTRUCT STUDS PER TABLE RED2.7(1) & (2)	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TWO ROWS OF 16D SINKER NAILS AT S'O.C. TYR MIN. % WOOD PANEL SHEATHING
	ABW	GB           LIB         SDC A, B and desig           wind speed <	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 4 28) 4 4 5 6 0 4 4	48       48       55       28       32       24       26       27       30       32       35       38       43	9 feet         48           48         62           32         32           27         27           27         27           27         30           32         35           37         41           44         49	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         32           33         35           38         40           43         43	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36 36 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		11// NET HEADER STEEL H SER IS USED, PLACE ON BA STEIN SHEATHING TO HEAD MMON OR GALVANIZED BC TTERN AS SHOWN ADDER TO JACK-STUD STRA 20. ID B.A. ON BOTH SIDES C POSITE SIDE OF SHEATHIN AD CONCOLS TRUCTUR IN DOUBLE 274/ FRAMING STRUCT WOON OF ARALLY IN DOUBLE 274/ FRAMING STALLED FRAMING STU IN LENGTH OF PANEL PER IN LENGTH OF PANEL PER IN LENGTH OF PANEL PER IN LENGTH OF PANEL PER IN (2) W OLAMETER ANCH( ISTALLED PER SECTION RA X274/10 PLATE WASHER	ADER PROHIBITED ADER PROHIBITED XABLE PROHIBITED XIALS IN 3' GRID P PER TABLE F OPENING COVERED WITH MIN. LARAEL SHEATHING NIZED BOX NAILS AT 36, TABLE R602.10.5 R BOLTS IS.1.5 WITH	BRACED WALL LINE CONTRILIDUELY BI WITH WOOD STRUI PANELS IF NEEDED, PANEL SPLICE EDGES BI OCCUR OVER ANY NALED TO CONVER ANY NALED TO CONVER ANY NALED TO CONVER ANY NALED TO CONVER ANY OCCUR OVER ANY NALED TO CONVER ANY OCCUR OVER ANY NALED TO CONVER ANY OCCUR OVER ANY NUMBER CONSTRUCT MIN, DOUBLE 224 F MIN, DOUBLE 224 F	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TWO SINKER NAILS AT STOC. TYR MIN. % WOOD PANEL SHEATHING
	ABW	GB           LIB         SDC A, B and desig           wind speed <	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 4 28) 4 4 5 0 4 8	48       48       55       28       32       24       26       27       30       32       35       38       43	9 feet         48           48         62           32         32           32         27           27         27           27         27           30         32           35         37           41         44           49         54	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         32           33         35           38         40           43         46	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36 36 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		11% NET HEADER STEEL HI 11% NET HEADER STEEL HI 21% IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD 11% NO STEAL STEEL HI 202, 1024 A ON BOTH SIDES C 11% OLD STATUTORY 11% CN WOOD STRUCTURE 11% CN WO	ADER PROHIBITED ADER PROHIBITED XABLE PROHIBITED XIALS IN 3' GRID P PER TABLE F OPENING COVERED WITH MIN. LARAEL SHEATHING NIZED BOX NAILS AT 36, TABLE R602.10.5 R BOLTS IS.1.5 WITH	BRACED WALL LINE CONTRUCUELY SH WITH WOOD STRUI PANELS IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL IF MEDDED, PANEL BLOCKING GOWM HUNGER AND VOR STOL NALING IS REQUI IN EACH PANEL IES HEL ONE ROW OF STOL NALING IS REQUI IN EACH PANEL FRAME CONSTRUC FRAME CONSTRUCT STUDS PER TABLE RED2.7(1) & (2)	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TWO ROWS OF 16D BINKER MAILS AT 3' O.C. TYP FAUGTURAL PANEL SHEATHING NAML SOL PANEL SHEATHING
	ABW	GB           LIB         SDC A, B and desig           wind speed <	C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 4 2 4 4 5 6 0 4 8 2	48       48       55       28       32       24       26       27       30       32       35       38       43	9 feet         48           48         62           32         32           27         27           27         27           27         30           32         35           37         41           44         49	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         32           33         35           38         40           43         43	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           58           58           NP           42           NP           36           37           38           39           41           43	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		112' NET HEADER STEEL HI 112' NET HEADER STEEL HI 212' IS USED PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD 112' IS USED OF A START START 22' IS AS ON BOTH SIDES C 20' IS AS ON BOTH SIDES	ADER PROHIBITED CX-SIDE OF HEADER ER WITH 8D X NALS IN 3' GRID P PER TABLE F OPENING COVERED WITH MIN. L PANEL SHEATTING NIZED BOX NAILS AT 96, TABLE R602.10.5 R BOLTS IS 1.3 WITH	BRACED WALL LINE CONTRUCTION OF STRU- WITH WOODS STRU- PANELS IF MEDDED, PANEL FOCUTO OVER ANC NALLED TO COMPANY BLOCKING WITHIN MIDDLE 24' OF TH ONE ROW OF STO NALLING IS REQUI IN EACH PANEL TYPICAL PORTAL FRAME CONSTRUC- MIN, DUBLE 24' OF TH ONE ROW OF STOL NALLING IS REQUI IN EACH PANEL FRAME CONSTRUC- STUDS PER TABLE REQ2.7(1) & (2) ANCHOR BOLTS SECTION RADS: SHEATHING JOINT A VERTICAL DIRECTION VERTICAL DIRECTION	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TWO ROWS OF 16D BINKER MAILS AT 3' O.C. TYP FAUGTURAL PANEL SHEATHING NAML SOL PANEL SHEATHING
	ABW	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) ≤ 64 68 72 76 80 84 88 92 96 100 100 111 111 12	7-WSP C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 2, ultimate 140 mph 140 mph 1	48       48       48       55       28       32       24       26       27       30       32       35       38       43       48	9 feet       48       48       62       32       32       27       27       27       27       30       32       35       37       41       44       49       54	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         32           33         35           38         40           43         46           50         55           60         55	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58 58 NP 42 NP 36 36 36 36 36 36 36 36 36 36 36 36 36	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		112 NET HEADER STEEL H 212 NET HEADER STEEL H 215 IS USED, PLACE ON BA STEIN SHEATHING TO HEAD IMMON OR GALVANIZED BC TTERN AS SHOWN ADDER TO JACK-STUD STRAF 202 IB A ON BOTH SIDES C POSITE SIDE OF SHEATHIN IN DOUBLE 2*AF FRAMING THE WOOD STRUCTURE STALLED PER SECTION RA 202 KILLS PLATE WASHER WOOD STRUCTURAL PANE SOLDATION OF PANEL PER WOOD STRUCTURAL PANE SOLDATION OF PANEL VOOD STRUCTURAL PANE 0 KILLS PER SECTION RA 202 KILLS PER SECT	ADER PROHIBITED ADER PROHIBITED XADER PROHIBITED XADER PROHIBITED XNALS IN 3' GRID P PER TABLE F OPENING G COVERED WITH MIN. LAREL SHEATHING IL DANEL SHEATHING NIZED BOX NALS AT 36, R BOLTS IS.1.6 WITH ADEL R602.10.5 R BOLTS IS.1.6 WITH COCK FOUNDATION	BRACED WALL LIN CONTRUDUELY BY WITH WOOD STRUI- PANEL3 IF MEDED, PANEL SPLICE EDESD, PAN	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEAD BER WITH ROWS OF 16D BINKER NAILS AT S'O.C. TYP BINKER NAILS AT S'O.C. TYP FANEL SHEATHING HEATHING HEATHING
	ABW	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear of (inchu) ≤ 64 68 72 76 800 844 888 922 96 100 101 111 111 122 122	7-WSP C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph 140 mph	48       48       55       28       32       24       26       27       30       32       35       38       43       48	9 feet       48       48       62       32       32       27       27       27       27       30       32       35       37       41       44       49       54	10 feet         48           48         48           69         34           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         32           33         35           38         40           43         46           50         55	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           58           58           NP           42           NP           36           37           38           39           41           43	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		112' NET HEADER STEEL HI 112' NET HEADER STEEL HI 212' IS USED PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD 112' IS USED OF A START START 22' IS AS ON BOTH SIDES C 20' IS AS ON BOTH SIDES	ADER PROHIBITED ADER PROHIBITED XADER PROHIBITED XADER PROHIBITED XNALS IN 3' GRID P PER TABLE F OPENING G COVERED WITH MIN. LAREL SHEATHING IL DANEL SHEATHING NIZED BOX NALS AT 36, R BOLTS IS.1.6 WITH ADEL R602.10.5 R BOLTS IS.1.6 WITH COCK FOUNDATION	BRACED WALL LIN CONTRUDUELY BY WITH WOOD STRUI- PANEL3 IF MEDED, PANEL SPLICE EDESD, PAN	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH ROWS OF 16D BINKER NALLS AT S'O.C. TYP MIN. % WOOD STR. WC WOOD STR. WC WOOD STR. WC WOOD SHEATHING HEATHING
	ABW	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) ≤ 64 68 72 76 80 84 88 92 96 100 100 111 111 12	7-WSP C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph D <sub>2</sub> , ultimate n Second Se	48       48       48       55       28       32       24       26       27       30       32       35       38       43       48	9 feet       48       48       62       32       32       27       27       27       27       30       32       35       35       37       41       44       49       54	30 feet           48           48           69           34           30           55           60	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           NP           42           NP           36           37           38           39           41           43           51           54           58	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI	OVER CONCRE	11% NET HEADER STEEL HI 11% NET HEADER STEEL HI 21% IS USED, PLACE ON BA STEIN SHEATHING TO HEAD MMON OR GALVANZED BC TIERN AS BHOWN ADER TO JACK-STUD STR/ 20, 10, 84 ON BOTH SIDES C 10, 00, 00, 00, 00, 00, 00, 00, 00, 00,	ADER PROHIBITED ADER PROHIBITED COURSEOF HEADER FORMING PPER TABLE FORENING COURSEO WITH MIN L PANEL SHEATHING N22D EDX NAILS AT POR TABLE R602.10.5 R BOLTS IS J.S WITH COCK FOUNDATION ND NAIL SOLE PLATE TABLE R602.3(1) INCOLOR POR NO NAIL SOLE PLATE TABLE R602.3(1) INCOLOR POR INCOLOR POR	BRACED WALL LINE CONTRIDUCISLY BI- WITH WOOD STRUI- PANELS IF NEEDED, PANEL SPLICE EDGES BH- OCCUR OVER ANY NALED TO COVER ANY NALED TO COVER ANY NUMBER CONSTRUC- ONLING IS RECUI- IN EACH PANEL EI TYPICAL PORTAL FRAME CONSTRUC- MIN, DOUBLE 24 F (KING AND JACK ST UDS PER TABLE REDZ.7(1) & (2) ANCHOR BOLTS STUDS PER TABLE REDZ.7(1) & (2) CARACITY OF STOL ANCHOR BOLTS SHEATING ANCHO SHEATING ANCHO ARD COVER APPROVED BAND OR RIM ION	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEAD DR WOWS OF 16D BUNKER MALLS AT S'O.C. TYP BUNKER MALLS AT S'O.C. TYP HATEL BUNKER MALLS AT S'O.C. TYP BUNKER MALLS AT S'O.C. TYP BUNKER MALLS AT PANEL SHEATHING HEATHING HEATHING HEATHING APPROV OR RIM.
	ABW	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (inchth ≤ 66, 688 722 766 800 844 888 922 966 100 100 100 101 111 111 122 122	/-WSP C, ultimate n 140 mph D2, ultimate n 140 mph D2, ultimate n 140 mph  pening height ss) 4 4 4 4 4 4 4 5 6 0 4 8 2 6 0 4 8 2 6 0 4 8 2 6 0 0 4 8 2 6 0 0 4 8 1 2 6 0 0 4 8 1 2 1 6 0 0 4 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48       48       55       28       32       24       26       27       30       32       35       38       43       48	P feet           48           48           62           32           32           27           27           27           27           27           30           32           35           37           41           44           49           54	30 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           38         40           43         50           55         60	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           NP           42           NP           36           37           38           39           41           43           44           51           54           58           62	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>			11% NET HEADER STEEL HI 11% NET HEADER STEEL HI 21% IS USED, PLACE ON BA STEIN SHEATHING TO HEAD MMON OR GALVANZED BC TIERN AS BHOWN ADER TO JACK-STUD STR/ 20, 10, 84 ON BOTH SIDES C 10, 00, 00, 00, 00, 00, 00, 00, 00, 00,	ADER PROHIBITED ADER PROHIBITED XXAILS IN 3' GRID PER TABLE F OPENING COVERED WITH MIN. I PANEL SHEATHING NIZED BOX NAILS AT ABLE R002.10.5 R BOLTS BS.1.3 WITH COLDST PER TO JOIST PER TABLE R002.3(1)	BRACED WALL LINE CONTRIDUCISLY BI- WITH WOOD STRUI- PANELS IF NEEDED, PANEL SPLICE EDGES BH- OCCUR OVER ANY NALED TO COVER ANY NALED TO COVER ANY NUMBER CONSTRUC- ONLING IS RECUI- IN EACH PANEL EI TYPICAL PORTAL FRAME CONSTRUC- MIN, DOUBLE 24 F (KING AND JACK ST UDS PER TABLE REDZ.7(1) & (2) ANCHOR BOLTS STUDS PER TABLE REDZ.7(1) & (2) CARACITY OF STOL ANCHOR BOLTS SHEATING ANCHO SHEATING ANCHO ARD COVER APPROVED BAND OR RIM ION	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEIN TOP PLATE TO HEADER WITH TWO ROWS OF 10D BINKER NALLS AT STOC. TYP BINKER NALLS AT STOC. TYP BANEL SHEATHING HEATHING HEATHING HEATHING APPROV OR RIM
	ABW	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (inchth) SG 68 72 76 80 84 88 92 92 96 10 10 11 11 11 12 12 12 13	/-WSP C, ultimate n 140 mph D2, ultimate n 140 mph D2, ultimate n 140 mph	48       48       55       28       32       24       26       27       30       32       35       38       43       48	9 feet       48       48       62       32       32       27       27       27       27       27       30       32       35       37       41       44       49       54	30 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         5           38         40           43         46           50         55           60	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           NP           42           NP           36           37           38           39           41           43           51           54           58	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>	- LIHEREN TRUCK YANN ZI		112 NET HEADER STEEL H 212 NET HEADER STEEL H 215 IS USED, PLACE ON BA STEIN SHEATHING TO HEAD IMMON OR GALVANIZED BC TTERN AS SHOWN ADDER TO JACK-STUD STRAF 202 IB A ON BOTH SIDES C POSITE SIDE OF SHEATHIN IN DOUBLE 2*AF FRAMING THE WOOD STRUCTURE STALLED PER SECTION RA 202 NALE FRAMING (ST 120 NALE STALLED PER SECTION RA 202 NALE PER SECTION RA 202 NAL	ADER PROHIBITED ADER PROHIBITED XXAILS IN 3' GRID PER TABLE F OPENING COVERED WITH MIN. I PANEL SHEATHING NIZED BOX NAILS AT ABLE R002.10.5 R BOLTS BS.1.3 WITH COLDST PER TO JOIST PER TABLE R002.3(1)	BRACED WALL LIN CONTRIDUCISLY BI WITH WOOD STRUI- PANELS IF NEEDED, PANEL SPLICE EDGES BH OCCUR OVER ANY NALLED TO COVER ANY NALLED TO COVER ANY NUMBER CONSTRUC- ONE ROS DESCRIPTION MALLAN PANEL IN PORTAL-LETTE COVER ROS DESCRIPTION MALLAN PORTAL FRAME CONSTRUC- MIN, DOUBLE 2A F MIN, DOUBLE 2A F NUMBER CONSTRUC- MIN, DOUBLE 2A F NUMBER CONSTRUC- STUDS PER TABLE REDZ.7(1) & (2) COVER AND CONSTRUC- COVER AND CONSTRUCTION FORST COVER AND CONSTRUCTION FORST CONSTRUCTION FORST CO	ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEAD DR WOWS OF 16D BUNKER MALLS AT S'O.C. TYP BUNKER MALLS AT S'O.C. TYP HATEL BUNKER MALLS AT S'O.C. TYP BUNKER MALLS AT S'O.C. TYP BUNKER MALLS AT PANEL SHEATHING HEATHING HEATHING HEATHING APPROV OR RIM.
	ABW CS-WSP, CS-SF	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (inchthe) SOC SOC SOC Adjacent clear op (inchthe) SOC SOC SOC SOC SOC SOC SOC SOC	/-WSP C, ultimate n 140 mph D2, ultimate n 140 mph D2, ultimate n 140 mph	48       48       48       55       28       32       24       26       27       30       32       35       38       43	9 Feet       48       48       62       32       32       27       27       27       27       27       30       32       35       37       41       44       49       54	10 feet         48           48         48           69         34           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           60	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           NP           42           NP           36           37           38           39           41           43           54           58           62           66           72	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup>			11% NET HEADER STELL HI 11% NET HEADER STELL HI 21% IS USED, PLACE ON BA STEN BHEATHING TO HEAD STEN BHEATHING TO HEAD 11% NO BEAL STATE 140 NO BEAL STATE 140 NO BEAL 140 NO BEAL	ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 80 R NALS IN 3' GRID P PER TABLE F OPENING COVERED WITH MIN. L PANEL SHEATHING NIZED BOX NALS AT 10 COVERED WITH MIN. L PANEL SHEATHING NIZED BOX NALS AT 10 COVERED WITH MIN. L PANEL SHEATHING NIZED BOX NALS AT 10 COVERED WITH MIN. L PANEL SHEATHING NALS SOLE PLATE TABLE R602.3(1) L COURTURAL PANEL SHEATHING MING ANCHOR OPT DVER BAND OR RIM JOISTY EL NAIL SOLE PLATE TABLE R602.3(1) L COURT PER TABLE R60.3(1) L COURT PER TABLE R60.3(1) L COURT PER TAB	BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUIN PANELS IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN NUMBER ON STRUE PORTAL LEG TH COLE ROW OF RANK NUMBER CONSTRUC MIN, DOUBLE 2A F RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC ANY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF S	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TOP PLATE TOP HEAD SER WITH TWO ROWS OF 16D SINKER MAILS AT S'O.C. TYP TRUCTURAL PANEL SHEATHING SH
	ABW CS-WSP, CS-SF	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear op (inchthe 64 67 72 76 80 84 88 92 96 84 88 96 88 88 96 88 88 96 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 96 88 88 88 88 96 88 88 88 88 96 88 88 88 96 88 88 88 96 88 88 88 88 88 88 88 88 88 8	7-WSP C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph A A A A A A A A A A A A A	48         48         48         55         28         32         24         26         27         30         32         35         38         43         48	9 feet       48       48       62       32       32       27       27       27       27       27       30       32       35       37       41       44       49       54	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           60	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 3	58           58           NP           42           NP           36           37           41           43           51           54           58           62           66           72           12 feet	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>6</sup> 48 Actual <sup>6</sup> Actual <sup>6</sup>		OVER CONCRE	11% NET HEADER STEEL HI 11% NET HEADER STEEL HI 21% IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD 140 DER TO JACK-STUD STR/ 20, 10, 84 ON BOTH SIDES C 140 DEL 27, 47 FRAMING 150 DE OF SHEATHING 150 DE OF SHEATHING 10, CC INAL FRAMING GT 151 DE OF SHEATHING 151 DE OF SHEATHING 15	ADER PROHIBITED ADER PROHIBITED XSIDE OF HEADER ER VITH BD X NALS IN 3' GRID P PER TABLE FOPENING COVERED WITH MIN. L PANEL SHEATHING NO TO JOIST PER TABLE R602.10.5 R BOLTS IS. I.S WITH COCK FOUNDATION NO NAIL SOLE PLATE TABLE R602.3(1) INCOLOR PORT MING ANCHOR OPTI VER BAND OR RIM JOISTY EL NAIL BOLE PLATE TABLE R602.3(1) INCOLOR TPER TABLE R602.3(1) INCOLOR TPER INCOLOR TPER IN	BRACED WALL LINE CONTRIDUCISLY BI- WITH WOOD STRUI- PANELS IF NEEDED, PANEL SPLICE EDGES BH- OCCUR OVER ANY NALED TO COVER ANY NALED TO COVER ANY NUMBER CONSTRUC- ONLING IS RECUI- IN EACH PANEL EI TYPICAL PORTAL FRAME CONSTRUC- MIN, DOUBLE 24 F (KING AND JACK ST UDS PER TABLE REDZ.7(1) & (2) ANCHOR BOLTS STUDS PER TABLE REDZ.7(1) & (2) CARACITY OF STOL ANCHOR BOLTS SHEATING ANCHO SHEATING ANCHO ARD COVER APPROVED BAND OR RIM ION	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TOP PLATE TOP HEAD SER WITH TWO ROWS OF 16D SINKER MAILS AT S'O.C. TYP TRUCTURAL PANEL SHEATHING SH
	ABW CS-WSP, CS-SF	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) ≤ 64 68 72 76 80 84 88 92 96 80 100 101 111 111 122 122 122 12	/-WSP C, ultimate n 140 mph D2, ultimate n 140 mph D2, ultimate n 140 mph	48         48         55         28         32         24         26         27         30         32         35         38         43         48	9 feet         48         48         62         32         32         27         27         27         27         27         30         32         35         37         41         44         49         54	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           60	11 feet           53           53           NP           38           NP           33           33           33           33           33           33           33           33           33           33           33           33           33           33           33           33           36           38           40           43           45           48           52           56           61           66	58           58           58           58           NP           42           NP           36           37           41           43           51           54           58           62           66           72           4           12 feet           c           Note c	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup>			112 NAT HEADER STEEL HI 112 NAT HEADER STEEL HI 112 NAT HEADER STEEL HI 112 NAT HEADER STEEL HI 125 II IS USED PLACE ON BA 126 II IS USED PLACE ON BA 120 II	ADER PROHIBITED ADER PROHIBITED ADER PROHIBITED ADER PROHIBITED ADER PROHIBITED REWITH 80 COVERED WITH MING P PER TABLE F OPENING COVERED WITH MING AREA TABLE RE02.10.5 R BOLTS SS.1.3 WITH COUCH FOUNDATION MAIL SOLE PLATE TO JOIST PER TO JOIST PER TABLE R802.3(1) TABLE R802.3(1) COUCTURAL PANEL SHEATH RUCTURAL PANEL SHEATH RUCTURAL PANEL SHEATH RUCTURAL PANEL SHEATH RUCTURAL PANEL SHEATH RUCTURAL PANEL SHEATH	BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUIN PANELS IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN NUMBER ON STRUE PORTAL LEG TH COLE ROW OF RANK NUMBER CONSTRUC MIN, DOUBLE 2A F RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC ANY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF S	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TOP PLATE TOP PLATE TOP HEADER WITH TWO ROWS OF 16D SINKER MALLS AT S'O.C. TYP. STOLETAR PANEL SHEATHING SHEA
	ABW CS-WSP, CS-SF	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) ≤ 64 68 72 76 80 84 88 92 96 100 101 111 111 122 122 122 122	r-WSP	48       48       55       28       32       24       26       27       30       32       35       38       43       48	9 feet       48       48       62       32       32       27       27       27       27       27       30       32       35       37       41       44       49       54	10 feet         48           48         69           34         34           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           31         46           50         55           60	11 feet 53 53 NP 38 NP 33 33 33 33 33 33 33 33 33 33 33 33 33	58           58           58           NP           42           NP           36           37           41           43           51           54           58           62           72           1           12 feet           C           Note C	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup> Actual <sup>b</sup>			11% NET HEADER STEEL HI 11% NET HEADER STEEL HI 21% IS USED, PLACE ON BA STEIN SHEATHING TO HEAD STEIN SHEATHING TO HEAD 140 DER TO JACK-STUD STR/ 20, 10, 84 ON BOTH SIDES C 140 DEL 27, 47 FRAMING 150 DE OF SHEATHING 150 DE OF SHEATHING 10, CC INAL FRAMING GT 151 DE OF SHEATHING 151 DE OF SHEATHING 15	ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 80 X NALS IN 3' GRID P PER TABLE F OFENING COVERED WITH MIN. L PANEL SHEATHING NIZED BOX NAILS AT S, R BOLTS IS 1.6 WITH COCK FOUNDATION NAIL SOLE PLATE TO JOIST PER TO JOIST PER TO JOIST PER TABLE R802.3(1) INCUTURAL PANEL SHEATHING INCUTURAL PANEL SHEATHING INCUTU	BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUIN PANELS IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN NUMBER ON STRUE PORTAL LEG TH COLE ROW OF RANK NUMBER CONSTRUC MIN, DOUBLE 2A F RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC ANY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF S	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TWO ROWS OF 16D SINKER MAILS AT S'O.C. TYPO STRUCTURAL PANEL SHEATHING HEATHING HEATHING HEATHING APPROV OR RIM
	ABW CS-WSP, CS-SF	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) ≤ 64 68 72 76 80 80 84 88 92 96 10 10 10 10 11 11 12 12 12 12 13 14 14 14 14 14 METHOD te Table R602.10.4) Supporting on PFG	/-WSP C, ultimate n 140 mph D <sub>2</sub> , ultimate n 140 mph i 140 mph i 140 mph pening height ss) 4 	48         48         55         28         32         24         26         27         30         32         35         38         43         48	9 feet         48         48         62         32         32         27         27         27         27         27         30         32         35         37         41         44         49         54	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           60	11 feet           53           53           NP           38           NP           33           33           33           33           33           33           33           33           33           33           33           33           33           33           33           33           36           38           40           43           45           48           52           56           61           66	58           58           58           NP           42           NP           36           37           41           43           45           54           58           62           66           72           4           12 feet           c           Note c           e	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup> Act			11% NET HEADER STELL HI 11% NET HEADER STELL HI 21% IS USED, PLACE ON BA STEN BHEATHING TO HEAD STEN BHEATHING TO HEAD 11% NO OR GALVANIZED BC 11% ON DOL BALL 11% NO OB STUDE OF SHEATHING 11% DOLIBLE 2*A* FRAMING 11%	ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 80 X NALS IN 3' GRID P PER TABLE F OFENING COVERED WITH MIN. L PANEL SHEATHING NIZED BOX NAILS AT S, R BOLTS IS 1.6 WITH COCK FOUNDATION NAIL SOLE PLATE TO JOIST PER TO JOIST PER TO JOIST PER TABLE R802.3(1) INCUTURAL PANEL SHEATHING INCUTURAL PANEL SHEATHING INCUTU	BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUIN PANELS IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN NUMBER ON STRUE PORTAL LEG TH COLE ROW OF RANK NUMBER CONSTRUC MIN, DOUBLE 2A F RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC ANY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF S	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TOP PLATE TOP PLATE TOP HEADER WITH TWO ROWS OF 16D SINKER MALLS AT S'O.C. TYP. STOLETAR PANEL SHEATHING SHEA
	ABW CS-WSP, CS-SF (Sa PFH CS-PF r SI: 1 inch = 25.4 n	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) ≤ 64 68 72 76 80 80 84 88 92 96 10 10 10 10 11 11 12 12 12 12 13 14 14 14 14 14 METHOD te Table R602.10.4) Supporting on PFG	r-WSP         C, ultimate         n         140 mph         D2, ultimate         n         140 mph         pening height         ss)         4         0         4         2         6         0         4         2         6         0         4         2         6         0         4         2         66         0         44         2         66         0         44         2         66         10         44         2         166         10         2         16         10         2         10	48       48       48       55       28       32       24       26       27       30       32       35       38       43       48	9 feet         48         48         62         32         32         27         27         27         27         27         30         32         35         37         41         44         49         54	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           60	11 feet           53           53           NP           38           NP           33           34           52           56           61           66	58           58           58           NP           42           NP           36           37           41           43           45           54           58           62           66           72           4           12 feet           c           Note c           e	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup> Act		OVER RAISED WHERE PORTAL S	11% NET HEADER STELL HI 11% NET HEADER STELL HI 21% IS USED, PLACE ON BAC STEIN BHEATHING TO HEAD STEIN BHEATHING TO HEAD 1400 DER TO JACK-STUD STR/ 1400 DER TO STR	ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 80 X NALS IN 3' GRID P PER TABLE F OFENING COVERED WITH MIN. L PANEL SHEATHING NIZED BOX NAILS AT S, R BOLTS IS 1.6 WITH COCK FOUNDATION NAIL SOLE PLATE TO JOIST PER TO JOIST PER TO JOIST PER TABLE R802.3(1) INCUTURAL PANEL SHEATHING INCUTURAL PANEL SHEATHING INCUTU	BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUIN PANELS IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN NUMBER ON STRUE PORTAL LEG TH COLE ROW OF RANK NUMBER CONSTRUC MIN, DOUBLE 2A F RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC MIN, DOUBLE 2A F NUMBER ON STRUE RAME CONSTRUC ANY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE RECZ. (1) & (2) CAPACITY OF STRUE CAPACITY OF S	ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO HEADER WITH TWO ROWS OF 16D SINKER MAILS AT S'O.C. TYPO STRUCTURAL PANEL SHEATHING HEATHING HEATHING HEATHING APPROV OR RIM
	ABW CS-WSP, CS-SF (Se PFH CS-PF r SI: 1 inch = 25.4 n > Not Permitted. Linear internolation	GB           LIB         SDC A, B and desig wind speed <	r-WSP         n         140 mph         D2, ultimate         n         140 mph         D2, ultimate         n         140 mph         pening height         35)         4	48         48         48         55         28         32         24         26         27         30         32         35         38         43         48	9 feet         48         48         62         32         32         27         27         27         27         27         30         32         35         37         41         44         49         54	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         55           60	11 feet           53           53           NP           38           NP           33           34           52           56           61           66	58           58           58           NP           42           NP           36           37           41           43           45           54           58           62           66           72           4           12 feet           c           Note c           e	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup> Act		OVER CONCRE OVER CONCRE OVER CONCRE OVER RAISED OVER RAISED OVER RAISED	112 NAT HEADER STELL H 112 NAT HEADER STALL STELL 112 NAT HEADER STALL STALL 112 NAT HEADER STALL STALL STALL 112 NAT HEADER STALL STALL STALL STALL 112 NAT HEADER STALL S	ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 8D P OFENING COVERED WITH MIN. P	BRACED WALL LIN CONTRIDUCED STRUI- WITH WOOD STRUI- PANELS IF NEEDED, PANEL SPLICE EDGES 0H- OOCLR OVER ANY NALLED TO COMM- MIDDLE 22 AUTO OVER AVENUE OVER ADVELS IN PAREL TYPICAL PORTAL FRAME CONSTRUC- MIN, DOUBLE 224 F MIN,	SPER TOURAL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TOP PLATE TOP PLATE TOP PLATE TOP PLATE TOP PLATE TOP SINCEN WITH TWO SINCEN WITH SINCEN WITH
	ABW CS-WSP, CS-SF (Second Second Seco	GB LIB SDC A, B and desig wind speed < SDC D <sub>0</sub> , D <sub>1</sub> and desig wind speed < CS-G Adjacent clear or (inchu) <pre></pre>	7-WSP	48         48         48         55         28         32         24         26         27         30         32         35         38         43         48	9 Feet         48         48         62         32         32         27         27         27         27         27         27         30         32         35         37         41         49         54	10 feet         48           48         48           69         34           34         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           30         30           31         46           50         55           60	11 feet           53           53           NP           38           NP           33           33           33           33           33           33           33           33           33           33           33           33           33           33           33           33           36           38           40           43           45           48           52           56           61           66	58           58           58           58           NP           42           NP           36           37           41           43           51           54           58           62           72           1           12 feet           0           0           0           0           0           0           0 <t< td=""><td>Actual<sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual<sup>b</sup> 48 Actual<sup>b</sup> Act</td><td>AVINANO RANK</td><td>OVER CONCRE OVER CONCRE OVER CONCRE OVER RAISED OVER RAISED OVER RAISED</td><td>112 NAT HEADER STELL H 112 NAT HEADER STALL STELL 112 NAT HEADER STALL STALL 112 NAT HEADER STALL STALL STALL 112 NAT HEADER STALL STALL STALL STALL 112 NAT HEADER STALL S</td><td>ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 8D P OFENING COVERED WITH MIN. P OFENING COVERED WITH MIN. P</td><td>BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUI- PANEL3 IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN MUNDE 24 OF STRUIN NE ACH PANEL BL TYPICAL PORTAL FRAME CONSTRUC MIN, DOUBLE 24 F NUMBER ON STRUE FRAME CONSTRUC MIN, DOUBLE 24 F NUMBER OF JACK STUDS PER TABLE RE02.7(1) &amp; (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE SECTION ROOST APPLED ACROSS SHARTING JOINT OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE STUDS PER TABLE RE02.7(1) &amp; (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES</td><td>SPER TOURAL ALL ALL ALL ALL ALL ALL ALL ALL ALL</td><td>FASTEN TOP PLATE TO PLATE TO PLATE TO HEADER WITH TWO SOF 16D SINCER NALLS AT SINCE URAL PARE SHEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING ON</td></t<>	Actual <sup>b</sup> Double sided = Actual Single sided = 0.5 × Actual Actual <sup>b</sup> 48 Actual <sup>b</sup> Act	AVINANO RANK	OVER CONCRE OVER CONCRE OVER CONCRE OVER RAISED OVER RAISED OVER RAISED	112 NAT HEADER STELL H 112 NAT HEADER STALL STELL 112 NAT HEADER STALL STALL 112 NAT HEADER STALL STALL STALL 112 NAT HEADER STALL STALL STALL STALL 112 NAT HEADER STALL S	ADER PROHIBITED CADER PROHIBITED CXSIDE OF HEADER ER WITH 8D P OFENING COVERED WITH MIN. P	BRACED WALL LINE CONTRIUDUBLY BY WITH WOOD STRUI- PANEL3 IF NEEDED, PANEL SPILCE EDGES BH OCCUR OVER ANY NUMBER OVER ANY NUMBER OF STRUIN MUNDE 24 OF STRUIN NE ACH PANEL BL TYPICAL PORTAL FRAME CONSTRUC MIN, DOUBLE 24 F NUMBER ON STRUE FRAME CONSTRUC MIN, DOUBLE 24 F NUMBER OF JACK STUDS PER TABLE RE02.7(1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE SECTION ROOST APPLED ACROSS SHARTING JOINT OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE STUDS PER TABLE RE02.7(1) & (2) CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE CAPACITY OF STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES STRUE STRUES	SPER TOURAL ALL ALL ALL ALL ALL ALL ALL ALL ALL	FASTEN TOP PLATE TO PLATE TO PLATE TO HEADER WITH TWO SOF 16D SINCER NALLS AT SINCE URAL PARE SHEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING HEATHING ON

	MINIMUM LEN	TABLE					
1		MINIMUM LENGTH* (inchea) Wali Helght					
	THOD le R602.10.4)						
	+	8 feet	9 feet	10 feet	11 feet		
DWB, WSP, SFB, PI	BS, PCP, HPS, BV-WSP	48	48	48	53		
· · · · · · · · · · · · · · · · · · ·	GB	48	48	48	53		
	LIB	55	62	69	NP		
1	SDC A, B and C, ultimate design wind speed < 140 mph	28	32	34	38		
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		
	CS-G	24	27	30	33		
	Adjacent clear opening height (inches)						
	≤ 64	24	27	30	33		
	68	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	40	38		
CS-WSP, CS-SFB	100		44	40	40		
	104		54	46	43		
	108		54	50	45		
	112			55	48		
	116		<u> </u>	60	52		
	120		+ =	+	56		
	124		+	<u> </u>	61		
	132			+	66		
	132	<u> </u>			+		
	140		-				
	144				- 1		
N	<b>NETHOD</b>		P	ortal header	height		
	able R602,10.4)	8 feet	9 feet	10 feet	11 fee		
	Supporting roof only	16	16	16	Note		
PFH	Supporting one story and roof		24	24	Note		
	PFG	24	27	30	Note		
CE DE	SDC A, B and C	16	18	20	Note		
CS-PF	SDC D <sub>0</sub> , D <sub>1</sub> and D <sub>2</sub>	16	18	20	Note		
For SI: 1 inch = 25.4 mm, 1	foot = 304.8 mm, 1 mile per hour =	0.447 m/s.					

BRACE WALL DETAILS WIND SPEED 115 MPH WIND EXPOSURE A

SEISMIC DESIGN CAEGORY A

**Review and Approval** Structural Only

David Mezger Engineering LLC 212 NE Circle Dr. Kansas City, MO 64116



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

BEHOME LLC LUETHJE RES. LOT 132 MONTICELLO 4816 NE FREEHOLD CT LEE SUMMIT MO SCALE

