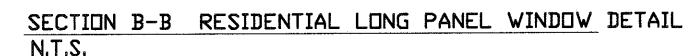


-
- INTERIOR OF GARAGE
- MAX. WIDTH 16'0"
- DESIGN LOADS
- +204.8 LBS/FT
- 232.8 LBS/FT
- SEE NOTE 2



ENTREMATICS
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

DOOR HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	H	
6' 6"	10"	21"	42"	63"					70"
7'	10"	21"	42"	63"					76"
7' 6"	10"	21"	42"	63"					82"
8'	10"	21"	42"	63"					88"
8' 6"	10"	21"	42"	63"	84"				94"
9'	10"	21"	42"	63"	84"				100"
9' 6"	10"	21"	42"	63"	84"				106"
10'	10"	21"	42"	63"	84"	105"			112"
10' 6"	10"	21"	42"	63"	84"	105"			118"
11'	10"	21"	42"	63"	84"	105"			124"
11' 6"	10"	21"	42"	63"	84"	105"			130"
12'	10"	21"	42"	63"	84"	105"	126"		136"
12' 6"	10"	21"	42"	63"	84"	105"	126"		142"
13'	10"	21"	42"	63"	84"	105"	126"		148"
13' 6"	10"	21"	42"	63"	84"	105"	126"	147"	154"
14'	10"	21"	42"	63"	84"	105"	126"	147"	160"

TABLE 2

Section	Panel Type	Center Stile Locations (Measured from Left Edge)				Max Design Loads Allowed	
Width (ft)		1st (in)	2st (in)	3rd (in)	4th (in)	Positive (PSF)	Negative (PSF)
13' 10	Short	57.16	82.94	108.71		29.5	33.4
14' 0	Short	57.76	83.94	110.11		29.1	33.0
14' 2	Short	58.85	84.94	111.41		28.8	32.6
14' 4	Short	59.16	85.94	112.71		28.4	32.2
14' 6	Short	59.86	86.94	114.01		28.1	31.9
14' 8	Short	60.56	87.94	115.31		27.8	31.5
14' 8	Long	44.81	88.00	131.19		27.8	31.5
14' 10	Short	61.26	88.94	116.61		27.5	31.1
14' 10	Long	45.60	89.00	132.40		27.5	31.1
15' 0	Short	61.94	89.94	117.94		27.2	30.8
15' 0	Long	46.60	90.00	133.40		27.2	30.8
15' 2	Short	62.66	90.94	119.21		26.9	30.4
15' 2	Long	47.60	91.00	134.40		26.9	30.4
15' 4	Short	53.60	79.20	104.80	130.40	26.6	30.1
15' 4	Long	47.25	92.00	136.75		26.6	30.1
15' 6	Short	46.62	93.00	139.38		26.3	29.9
15' 6	Long	47.60	93.00	138.40		26.3	29.9
15' 8	Short	47.62	94.00	140.38		26.0	29.6
15' 8	Long	48.60	94.00	139.40		26.0	29.6
15' 10	Short	48.62	95.00	141.38		25.7	29.3
15' 10	Long	49.17	95.00	140.83		25.7	29.3
16' 0	Short	49.62	96.00	142.38		25.6	29.1
16' 0	Long	50.60	96.00	141.40		25.6	29.1

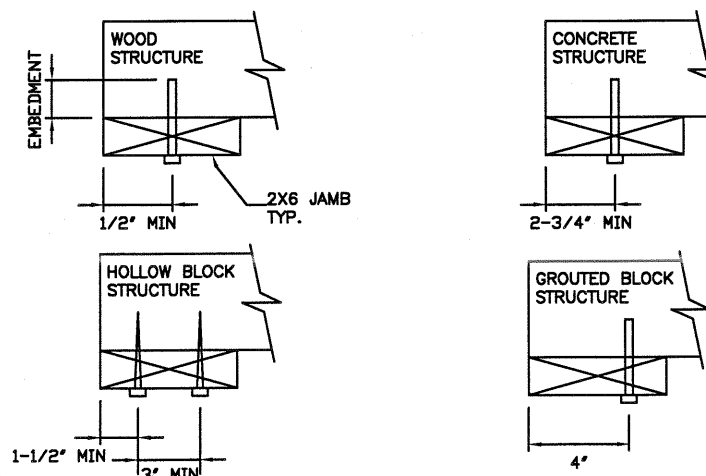
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS
THEN 24" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS
THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS
THEN 20" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS
THEN 24" O.C. (2 1/2" EMBEDMENT)

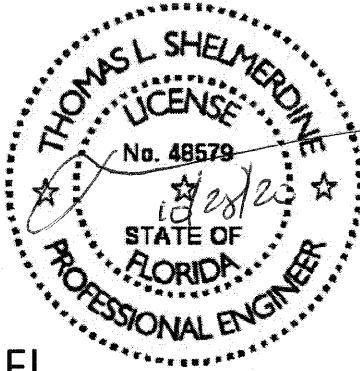
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART)
AT 16" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 16" O.C. (1 1/4" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS
THEN 24" O.C. (1 1/4" EMBEDMENT)
(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS



REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14' DESIGN LOADS +25.6 PSF -29.1 PSF TEST LOADS (1.5 x DESIGN LOADS) +38.4 PSF -43.6 PSF	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412)		dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
	FL		



MODEL C500 (CLAMSHELL) AMARR OLYMPUS 3200, AMARR DESIGNERS CHOICE 3200			
SIZE	DRAWN BY	RLR	DATE 8/3/17
	B	CHECKED BY	RLR
		DATE 8/3/17	
			DRAWING NUMBER
			IRC-C516-130-15

ENTREMATIC	SHEET 3 OF 3
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