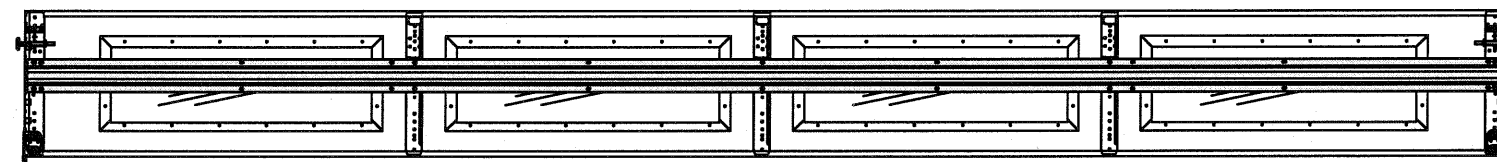


1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +228.6 LBS/FT & -258.3 LBS/FT.
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH.
5. DOORS ALTERNATE BETWEEN (2) 4.5" 20GA R-TRUSSES PER SECTION AND (1) 4.5" 20GA R-TRUSS PER SECTION, STARTING WITH (2) ON BOTTOM SECTION.
6. REFER TO TABLE 1 FOR SECTION CONFIGURATION.
7. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



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



38-1/8'

10-5/8'

2" 3" 2" 3" 2" 3"

3" 2" 3" 2" 3" 2"

3" 2"

LONG PANEL GLAZING FASTENER DETAIL

N.T.S.

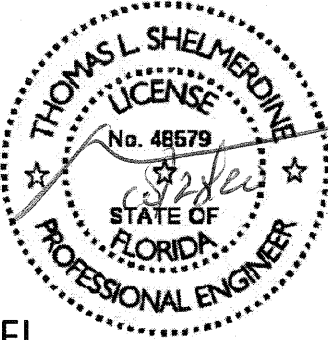
REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 18' x 14' DESIGN LOADS +25.4 PSF -28.7 PSF TEST LOADS +38.1 PSF -43.1 PSF		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL  dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410	
			
MODEL #650 AMARR OAK SUMMIT 1000, 2000 MODEL #600 AMARR STRATFORD 1000, 2000 MODEL #950 HERITAGE 1000, 2000 Short, Long, Flush & Oak Summit Panel's			
SIZE B	DRAWN BY	R/LR	DATE 02/09/17
	CHECKED BY	R/LR	DATE 02/09/17
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, NC 27105			DRAWING NUMBER IRC-6018-130-24-L
SHEET 2 OF 3			

TABLE 1

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
6' 0"	18"	18"	18"	18"				
6' 6"	21"	18"	18"	21"				
7' 0"	21"	21"	21"	21"				
7' 6"	18"	18"	18"	18"	18"			
8' 0"	21"	18"	18"	18"	21"			
8' 6"	21"	21"	21"	18"	21"			
9' 0"	18"	18"	18"	18"	18"	18"		
9' 6"	21"	18"	18"	18"	18"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
10' 6"	21"	21"	21"	21"	21"	21"		
11' 0"	21"	18"	18"	18"	18"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
12' 0"	21"	21"	21"	21"	21"	18"	21"	
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"

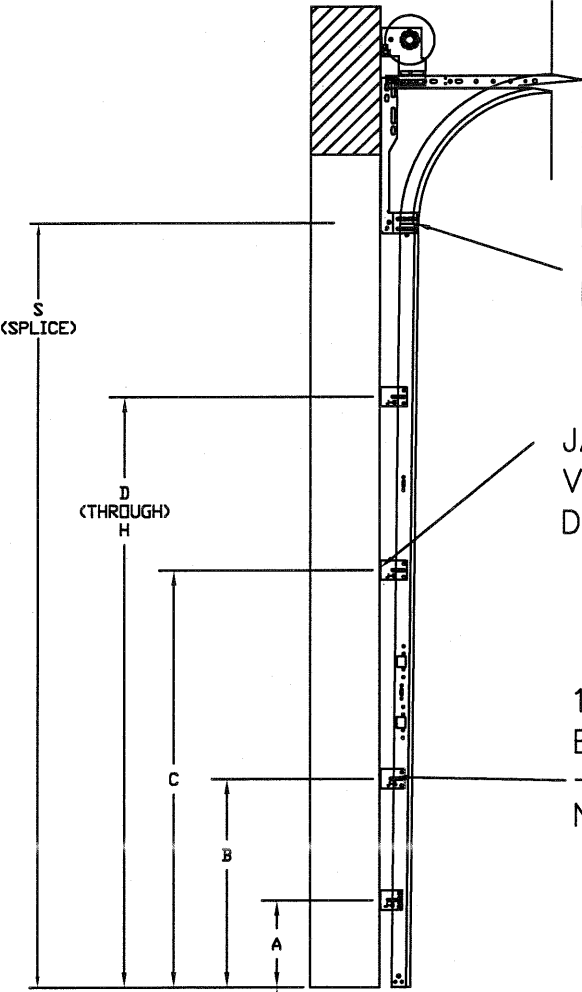
TABLE 2

HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	H	
6' 0"	10"	18"	36"	54"					64"
6' 6"	10"	21"	38"	58"					70"
7' 0"	10"	21"	42"	63"					76"
7' 6"	10"	18"	36"	54"	72"				82"
8' 0"	10"	21"	39"	58"	75"				88"
8' 6"	10"	21"	42"	63"	81"				94"
9' 0"	10"	18"	36"	54"	72"	90"			100"
9' 6"	10"	21"	39"	57"	75"	93"			106"
10' 0"	10"	21"	42"	63"	81"	99"			112"
10' 6"	10"	21"	42"	63"	84"	105"			118"
11' 0"	10"	21"	39"	57"	75"	93"	111"		124"
11' 6"	10"	21"	42"	63"	81"	99"	117"		130"
12' 0"	10"	21"	42"	63"	84"	105"	123"		136"
12' 6"	10"	18"	36"	57"	75"	93"	111"	129"	142"
13' 0"	10"	21"	42"	63"	81"	99"	117"	135"	148"
13' 6"	10"	21"	42"	63"	84"	105"	123"	141"	154"
14' 0"	10"	21"	42"	63"	84"	105"	126"	147"	160"

ALL TRACK ATTACHMENT SPACING +/-2" ALLOWED WITH SYP NO. 2 OR BETTER ONLY

TABLE 3

Section	Panel Type	Center Stile Locations (Measured from Left Edge)					Max Design Loads Allowed	
		1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)	Positive (PSF)	Negative (PSF)
16' 2"	Short	50.27	73.64	97.00	120.36	143.73	28.1	31.8
16' 2"	Long	51.17	74.08	97.00	119.92	142.83	28.1	31.8
16' 2"	Bead	48.75	72.88	97.00	121.13	145.25	28.1	31.8
16' 4"	Short	51.27	74.64	98.00	121.36	144.73	27.9	31.5
16' 4"	Long	52.17	75.08	98.00	120.92	143.83	27.8	31.4
16' 4"	Bead	49.08	73.54	98.00	122.46	146.92	27.9	31.5
16' 6"	Short	52.27	75.64	99.00	122.36	145.73	27.6	31.2
16' 6"	Long	51.34	75.17	99.00	122.83	146.66	27.6	31.2
16' 6"	Bead	49.42	74.21	99.00	123.79	148.59	27.6	31.2
16' 8"	Short	51.34	75.67	100.00	124.33	148.66	27.3	30.8
16' 8"	Long	52.20	76.10	100.00	123.90	147.80	27.3	30.8
16' 8"	Bead	49.92	74.96	100.00	125.04	150.09	27.3	30.8
16' 10"	Short	51.50	76.25	101.00	125.75	150.50	27.0	30.5
16' 10"	Long	53.20	77.10	101.00	124.90	148.80	27.0	30.5
16' 10"	Bead	50.15	75.57	101.00	126.29	151.59	27.0	30.5
17' 0"	Short	53.34	77.67	102.00	126.33	150.66	26.8	30.2
17' 0"	Long	54.20	78.10	102.00	125.90	149.80	26.7	30.2
17' 0"	Bead	50.92	76.46	102.00	127.54	153.09	26.8	30.2
17' 2"	Short	53.00	78.00	103.00	128.00	153.00	26.5	29.9
17' 2"	Long	55.20	79.10	103.00	126.90	150.80	26.4	29.8
17' 2"	Bead	51.42	77.21	103.00	128.79	154.59	26.5	29.9
17' 4"	Short	54.00	79.00	104.00	129.00	154.00	26.2	29.7
17' 4"	Long	56.20	80.10	104.00	127.90	151.80	26.1	29.5
17' 4"	Bead	51.92	77.96	104.00	130.04	156.09	26.2	29.7
17' 6"	Short	55.00	80.00	105.00	130.00	155.00	26.0	29.4
17' 6"	Long	57.20	81.10	105.00	128.90	152.80	25.7	29.1
17' 6"	Bead	52.42	78.71	105.00	131.29	157.59	26.0	29.4
17' 8"	Short	54.80	80.40	106.00	131.60	157.20	25.7	29.1
17' 8"	Long	55.80	80.90	106.00	131.10	156.20	25.7	29.1
17' 8"	Bead	52.92	79.46	106.00	132.54	159.09	25.7	29.1
17' 10"	Short	55.80	81.40	107.00	132.60	158.20	25.5	28.8
17' 10"	Long	56.25	81.63	107.00	132.38	157.75	25.5	28.8
17' 10"	Bead	53.42	80.21	107.00	133.79	160.59	25.5	28.8
18' 0"	Short	57.25	82.63	108.00	133.38	158.75	25.4	28.7
18' 0"	Long	57.80	82.90	108.00	133.10	158.20	25.4	28.7
18' 0"	Bead	53.92	80.96	108.00	135.04	162.09	25.4	28.7



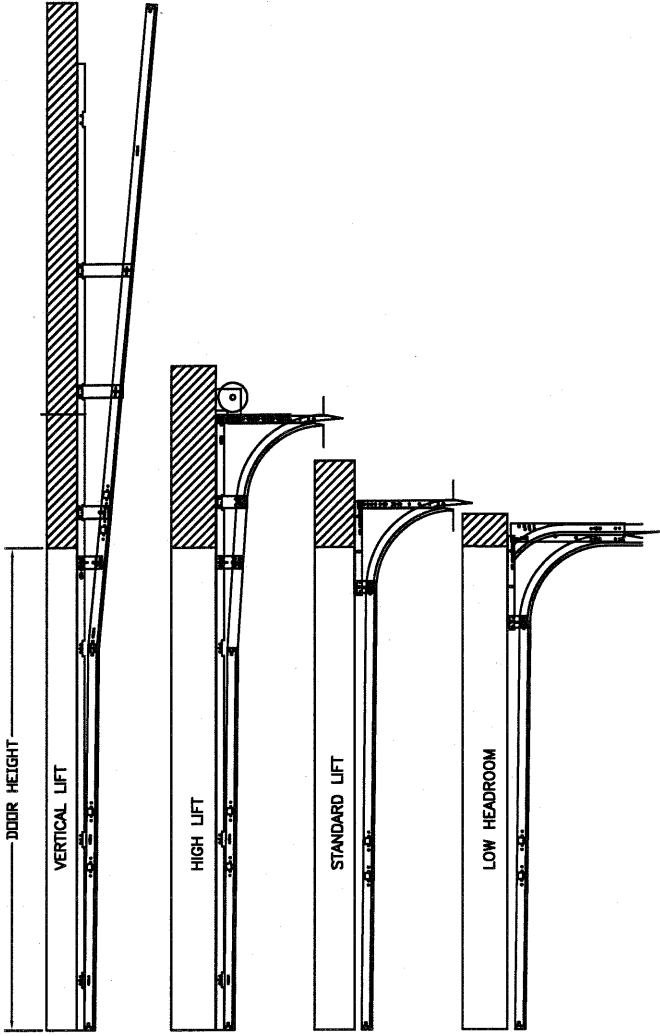
SPLICE TRACKS AT THIS LOCATION
W/ (4) 1/4"-20 TRACK SPLICE
BOLTS & NUTS SECURE TO JAMB
WITH (3) 5/16" DIA. X 1-5/8"
LAG BOLTS

JAMB BRACKETS ATTACHED TO
VERTICAL JAMB WITH (1) 5/16"
DIA. X 1-5/8" LAG BOLT

12 GA. GALV STEEL JAMB
BRACKETS ATTACHED W/ (1) 1/4"
-20 TRACK SPLICE BOLT AND
NUT OR 2 RIVETS

SEE (TABLE 2) FOR JAMB
BRACKET SPACING

TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS
N.T.S.



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 18' x 14' DESIGN LOADS +25.4 PSF -28.7 PSF TEST LOADS +38.1 PSF -43.1 PSF THOMAS L. SHELDERDINE LICENSE No. 48579 STATE OF FLORIDA PROFESSIONAL ENGINEER FL Thomas L. Shelderdine, 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			
Amarr MODEL #650 AMARR OAK SUMMIT 1000, 2000 MODEL #600 AMARR STRATFORD 1000, 2000 MODEL #950 HERITAGE 1000, 2000 Short, Long, Flush & Oak Summit Panel's			
SIZE	DRAWN BY RLR	DATE 02/09/17	DRAWING NUMBER
B	CHECKED BY RLR	DATE 02/09/17	IRC-6018-130-24-L
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 3 OF 3