

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98/02/05 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE, AND I=1.0):

WIND SPEED (MPH)	130	118	112	107	103
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

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 (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)

STATE OF TEXAS
THOMAS L. SHELME RDINE
85829
LICENSED PROFESSIONAL ENGINEER
TX

5921-G W. Friendly Ave., Greensboro, NC 27410

Amarr
ENTRE MATIC

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

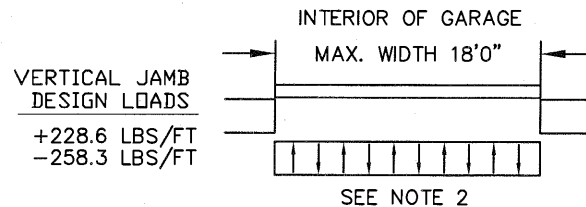
SIZE	DRAWN BY	RLR	DATE	02/09/17	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	02/09/17	IRC-6018-130-24-L

ENTRE MATIC
165 CARRIAGE COURT WINSTON-SALEM, NC. 27105

SHEET 1 OF 3

SPECIFICATIONS AND NOTES

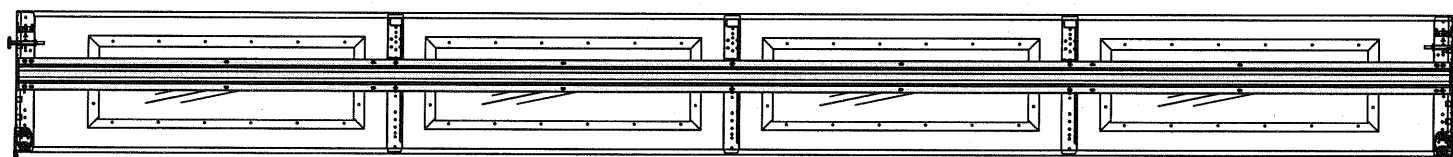
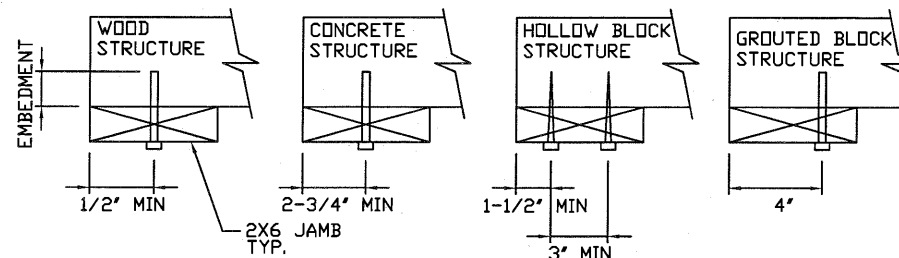
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +228.6 LBS/FT & -258.3 LBS/FT.
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.



WOOD JAMB ATTACHMENT TO STRUCTURE

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
 5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 20" 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 18" 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 8" 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 8" 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 22" O.C. (1 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

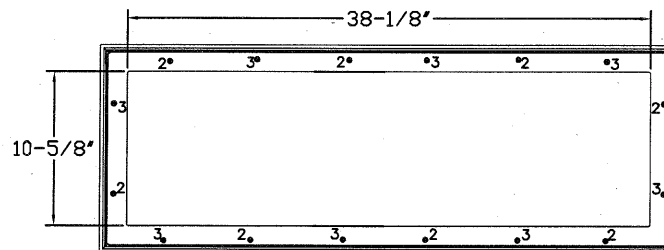
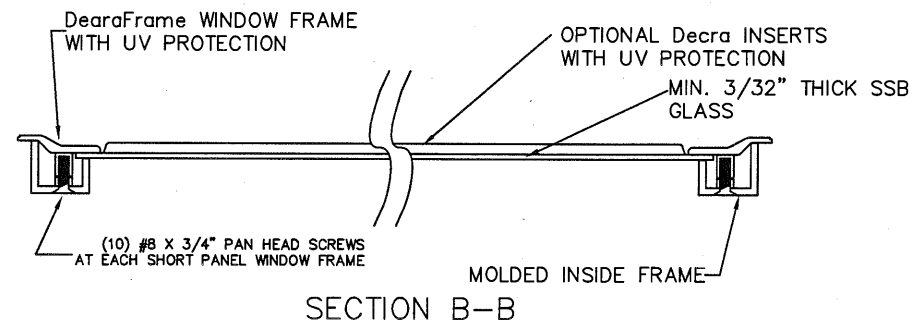
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 *PREPARATION OF WOOD JAMBS BY OTHERS



OPTIONAL LONG PANEL TOP GLAZED SECTION (STRUT AND STILE LAYOUT)
 *LONG PANEL GLAZING ONLY AVAILABLE IN TOP SECTION

GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
 GLAZING MEETS ASTM E1300-04



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		
	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 B CHECKED BY RLR DATE 02/09/17		
	ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 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"

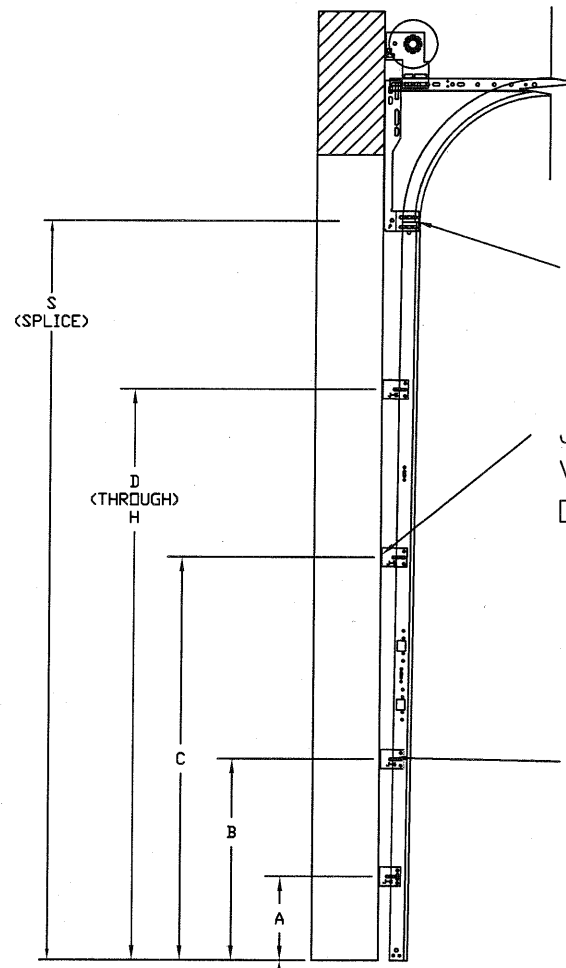
TABLE 2

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 Width (ft)	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



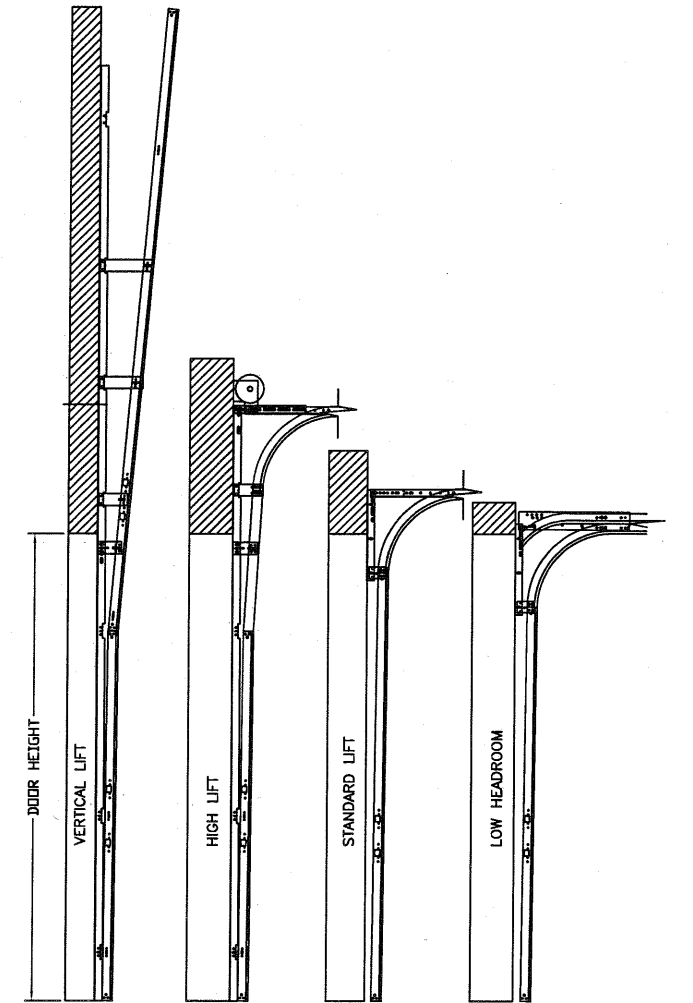
SPLICE TRACKS AT THIS LOCATION W/ (4) 1/4"-20 TRACK SPLICE BOLTS & NUTS SECURE TO JAMB WITH (3) 5/16" DIA. X 1-5/8" LAG BOLTS

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

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SHEET 3 OF 3