

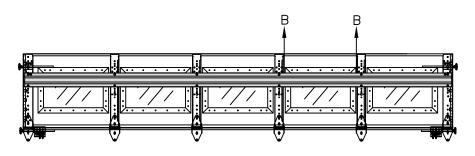
IMPACT GLAZING FASTENER DETAIL N.T.S.

GLAZING MEETS ASTM E1300-04

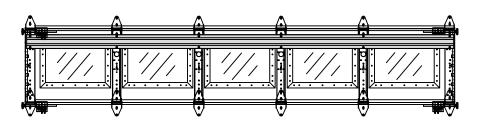
2. 3/16" X 1/2" SCREW - USED TO FASTEN THE STEEL EXTERIOR IMPACT WINDOW FRAME TO THE STEEL INTERIOR IMPACT WINDOW FRAME.

3. 11/64" X 1/2" SCREW - USED TO FASTEN DECORATIVE PLASTIC MOLDED WINDOW FRAME TO THE ASSEMBLY

> SECTION B-B IMPACT WINDOW DETAIL N.T.S.

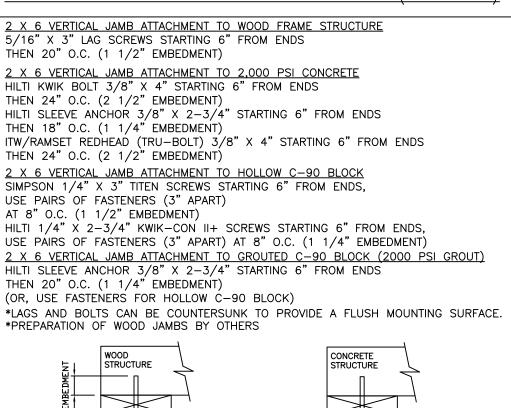


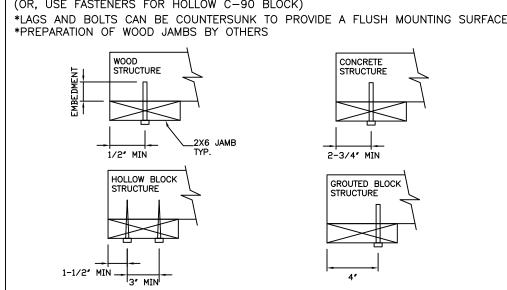
OPTIONAL TOP SECTION IMPACT GLAZED LAYOUT

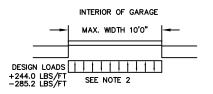


OPTIONAL INTERMEDIATE SECTION IMPACT GLAZED LAYOUT

WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)







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: +244.0 LBS/FT & -285.2 LBS/FT 3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA. 4. DOOR SECTIONS SHALL BE 25 GA. MIN. (.019") EXTERIOR SKIN ROLLED FORMED, G30 GALVANIZED W/POLYESTER TOP COAT 5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS. 6. REFER TO TABLES ON PAGE 3 FOR ADDITIONAL DOOR WIDTHS AND THEIR DESIGN PRESSURES

> MAX SIZE 10'2 x 14' DESIGN LOADS +48.0 PSF

REV DESCRIPTION OF REVISIONS

-56.1 PSF TEST LOADS

ARGE MISSILE IMPACT RESISTANCE

+72.0 PSF

-84.2 PSF

ADDED HERITAGE MODEL/DRAWING UPDATES 3/1/22 RLR This document has been digitally signed & sealed by Thomas L. Shelmerdine, PE on the date shown. HOMAS L. SHELMERDINE 85829 sealed, and the signature must be verified on any CENSED.

> Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063) 5921-G W. Friendly Ave., Greensboro, NC 27410

DATE

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MODEL #625 AMARR LINCOLN 1000, 2000 MODEL #675 AMARR HILLCREST 1000, 2000 MODEL #950 AMARR HERITAGE 1000, 2000

SIZE	DRAWN BY	RLR	DATE	11/28/17	DRAWING NUMBER
В	CHECKED BY	RLR	DATE	11/28/17	IRC-6210-175-21-I
165 C	AI	SHEET 2 OF 3			

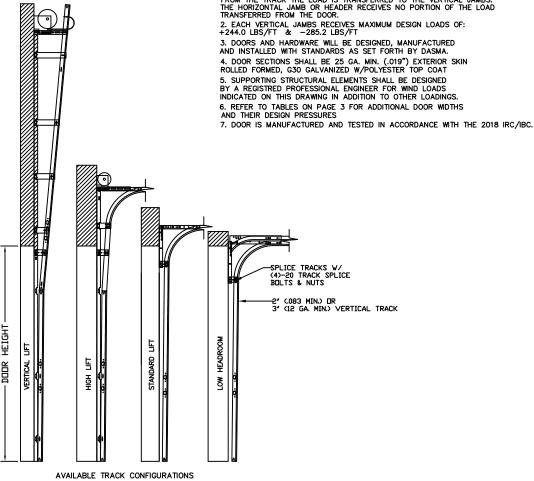
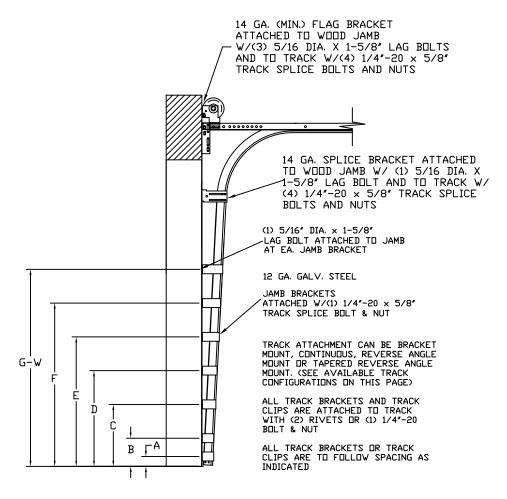


TABLE 1

	TABLE 1																							
DO	OR	TRACK ATTACHMENT																						
HEI	GHT	Α	В	С	D	E	F	G	Н	ı	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W
7'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"																
7'	6"	3.5"	10.0"	22.0"	34"	46"	58"	70"																
8'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"																
8'	6"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"															
9'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"															
9'	6"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"														
10'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"														
11'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"													
12'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"												
13'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"											
14'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"										
15'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"									
16'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"								
17'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"							
18'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"						
19'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"					
20'	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"				
21	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"			
22	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"		
23	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	
24	0"	3.5"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY

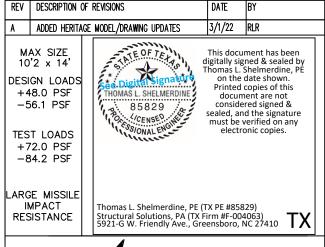


Section	Panel Type	Center Stile Location								
Width	i aliei type	(Measured from Left Edge)								
(ft)										
8' 0	Short, Bead Board	24.8	48.0	71.2						
8' 2	Short, Bead Board	25.8	49.0	72.2						
8' 4	Short, Bead Board	26.6	50.0	73.4						
8' 6	Short, Bead Board	26.7	51.0	75.3						
8' 8	Short, Bead Board	27.3	52.0	76.8						
8' 10	Short, Bead Board	28.0	53.0	78.0						
9' 0	Short, Bead Board	28.6	54.0	79.4						
9' 2	Short, Bead Board	29.4	55.0	80.6						
9' 4	Short, Bead Board	30.4	56.0	81.6						
9' 6	Short, Bead Board	31.4	57.0	82.6						
9' 8	Short, Bead Board	32.4	58.0	83.6						
9' 10	Short, Bead Board	33.4	59.0	84.6						
10' 0	Short, Bead Board	25.2	48.4	71.6	94.8					
10' 2	Short, Bead Board	25.9	49.3	72.7	96.1					

TRACK CONFIGURATION FOR UP TO 14' TALL DOORS SEE TABLE 1

TABLE 2

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





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В	CHECKED BY	RLR	DATE	11/28/17	IRC-6210-175-21-I
165 C			COMPAN NSTON-	NY SALEM, N.C. 27105	SHEET 3 OF 3