

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN 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 END ZONE, ROOF SLOPE 10° OR LESS, AND I=1.0):

WIND SPEED (MPH)	151	137	130	124	119
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
9'2" x 24'

DESIGN LOADS
+32.7 PSF
-38.4 PSF

TEST LOADS
+49.1 PSF
-57.6 PSF

Thomas L. Shelmerdine, PE (TX PE #85829)
Structural Solutions, PA (TX Firm #F-004063)

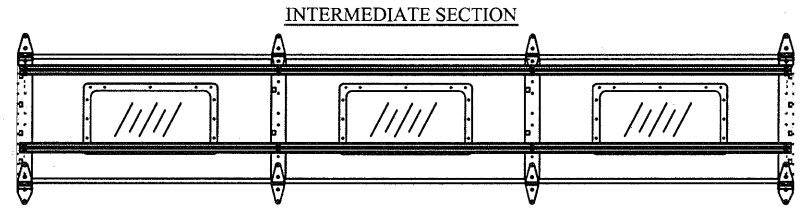
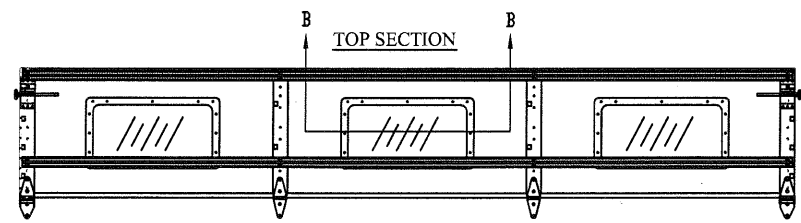
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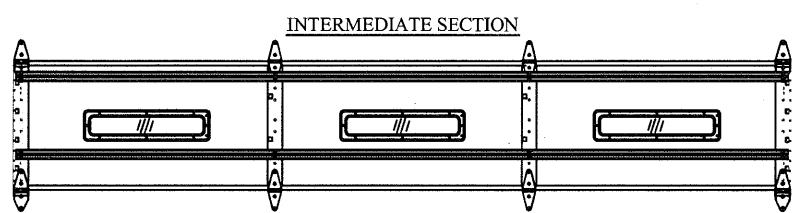
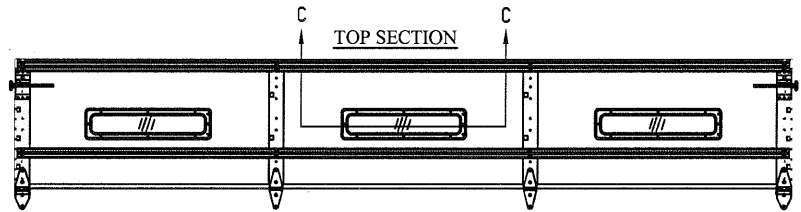
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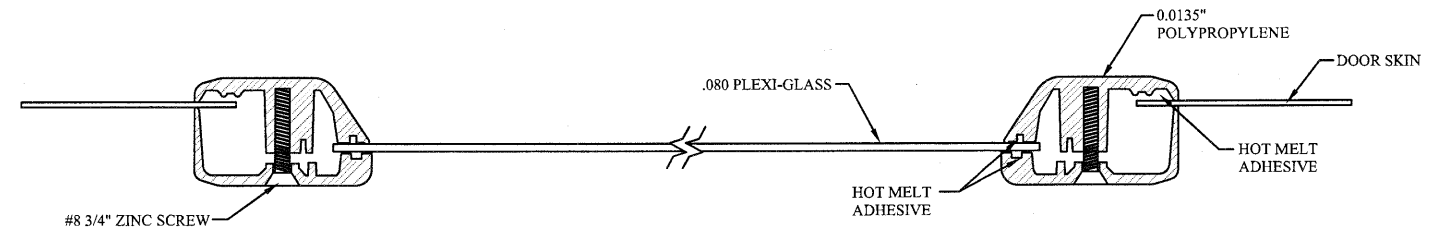
AMARR MODEL 2400 (24GA)		AMARR MODEL 2000 (20GA)	
SIZE	DRAWN BY RS	DATE 2/09/15	DRAWING NUMBER
B	CHECKED BY RLR	DATE 2/09/15	IBC-2409-150-11
			SHEET 1 OF 4



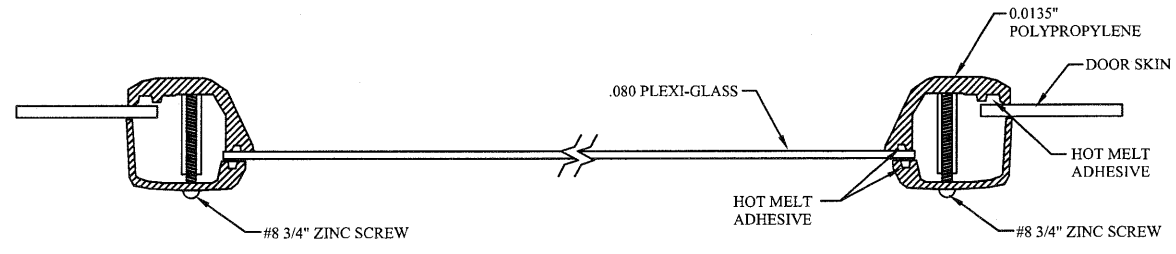
OPTIONAL GLAZED SECTION W/ 24" X 12" WINDOWS AND STRUT LAYOUT
N.T.S.



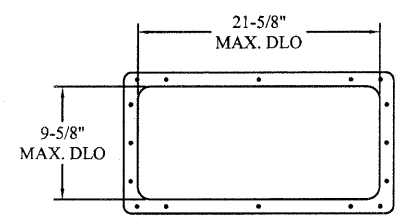
OPTIONAL GLAZED SECTION W/ 24" X 6" WINDOWS AND STRUT LAYOUT
N.T.S.



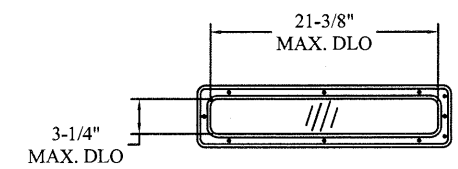
SECTION B-B 24" X 12" WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S.



SECTION C-C 24" X 6" WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S. (ALSO AVAILABLE WITH 1/8" DSB GLASS)



24" X 12" DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.



24" X 6" DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

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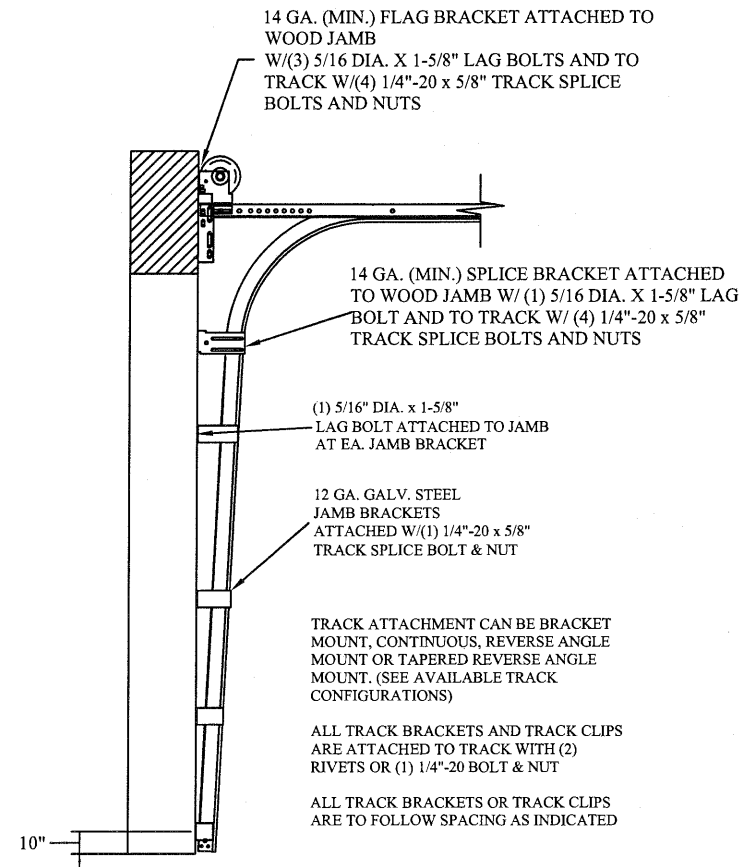
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AMARR MODEL 2400 (24GA)
AMARR MODEL 2000 (20GA)

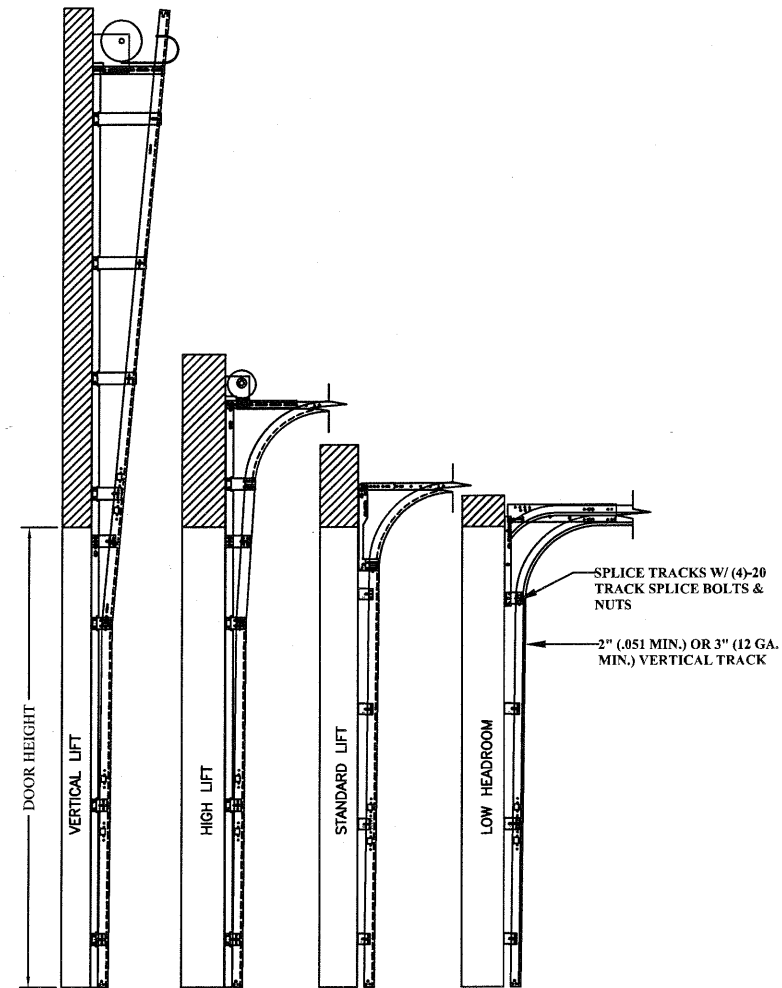
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TABLE 1

Section	Center Stile Locations		Max Design Loads Allowed		
	Width (ft)	1st (in)	2nd (in)	Positive (PSF)	Negative (PSF)
6'0	36"			33.1	38.9
6'2	37"			32.2	37.8
6'4	23"	53"		45.0	52.8
6'6	24"	54"		44.2	51.9
6'8	25"	55"		43.4	50.9
6'10	26"	56"		42.6	50.0
7'0	27"	57"		41.8	49.1
7'2	28"	58"		41.1	48.3
7'4	27"	61"		39.1	45.9
7'6	28"	62"		38.5	45.2
7'8	29"	63"		37.8	44.4
7'10	30"	64"		37.2	43.8
8'0	31"	65"		36.7	43.1
8'2	32"	66"		36.1	42.4
8'4	32"	68"		35.1	41.2
8'6	33"	69"		34.5	40.6
8'8	34"	70"		34.1	40.0
8'10	35"	71"		33.6	39.4
9'0	36"	72"		33.1	38.9
9'2	37"	73"		32.7	38.4



TRACK CONFIGURATION FOR UP TO 24' TALL DOORS
SEE TABLE 2



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT																					TYPICAL SPLICE		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U		V	W
7' 0"	10"	22"	34"	46"	58"																			76"
7' 6"	10"	22"	34"	46"	58"																			82"
8' 0"	10"	22"	34"	46"	58"	70"																		88"
8' 6"	10"	22"	34"	46"	58"	70"	82"																	94"
9' 0"	10"	22"	34"	46"	58"	70"	82"																	100"
9' 6"	10"	22"	34"	46"	58"	70"	82"	94"																106"
10' 0"	10"	22"	34"	46"	58"	70"	82"	94"																112"
11' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"															124"
12' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"														136"
13' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"													148"
14' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"												160"
15' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"											172"
16' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"										184"
17' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"									196"
18' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"								208"
19' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"							220"
20' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"						232"
21' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"					244"
22' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"				256"
23' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"			268"
24' 0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"		280"

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

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-38.4 PSF

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-57.6 PSF

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STATE OF TEXAS
THOMAS L. SHELMERDINE
85829
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