

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN ANSI/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, I=1.0):

WIND SPEED (MPH)	104	95	90	86	82
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 20'2" x 24'

DESIGN LOADS +14.7 PSF -16.5 PSF

TEST LOADS +22.1 PSF -24.8 PSF

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

STATE OF TEXAS
THOMAS L. SHELMERDINE
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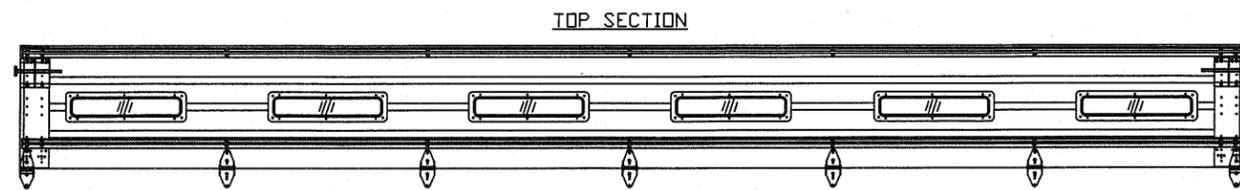
ENTRE/MATIC

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

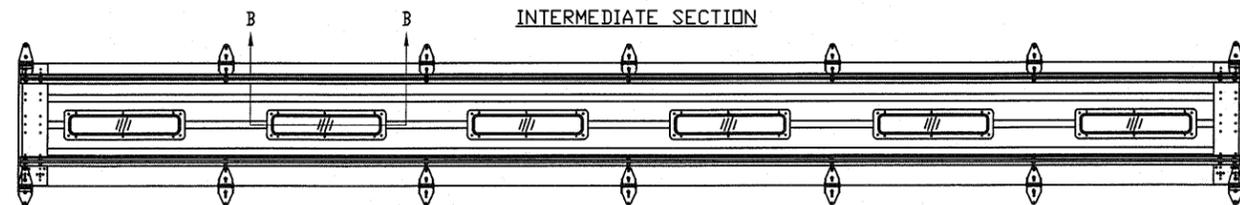
MODEL 2700 (27 GA)
MODEL 2720 (20 GA)

SIZE	DRAWN BY	RS	DATE	10/01/14	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	10/01/14	IBC-2720-104-15

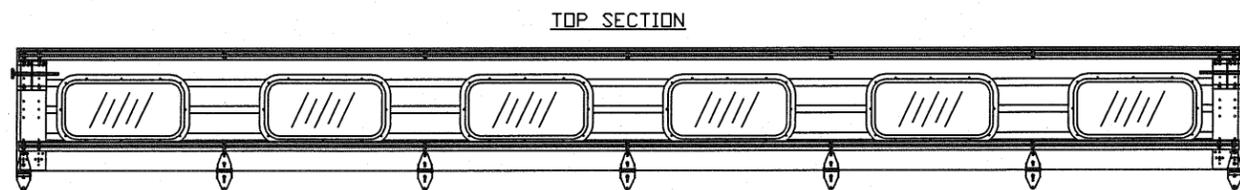
SHEET 1 OF 4



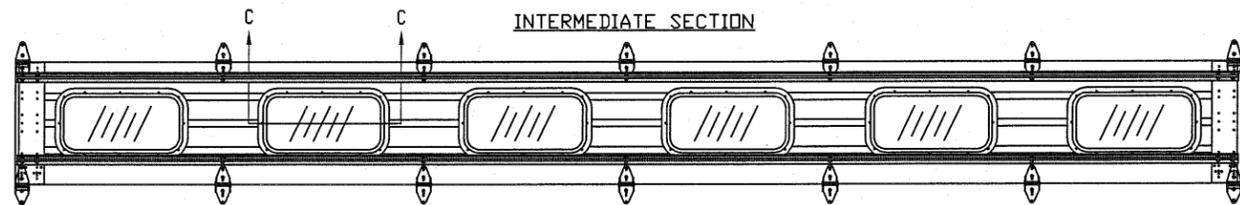
OPTIONAL GLAZED SECTION W/ 24' X 6' WINDOWS
N.T.S.



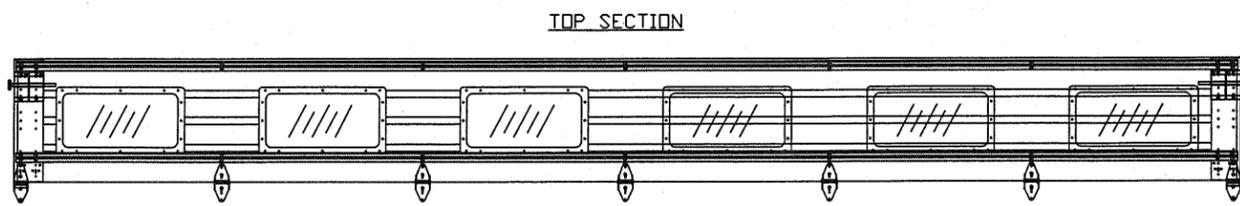
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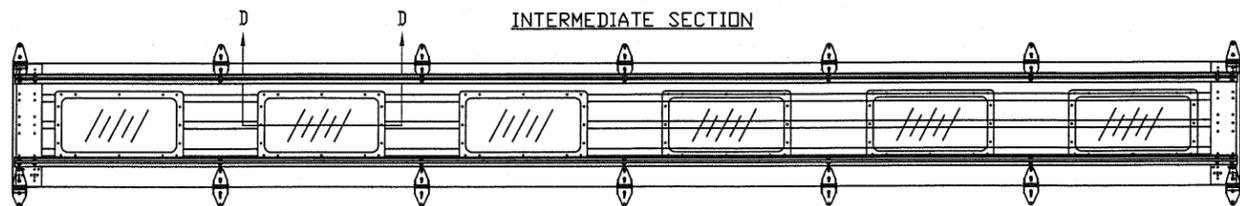
OPTIONAL GLAZED SECTION W/ 26' X 13' WINDOWS
N.T.S.



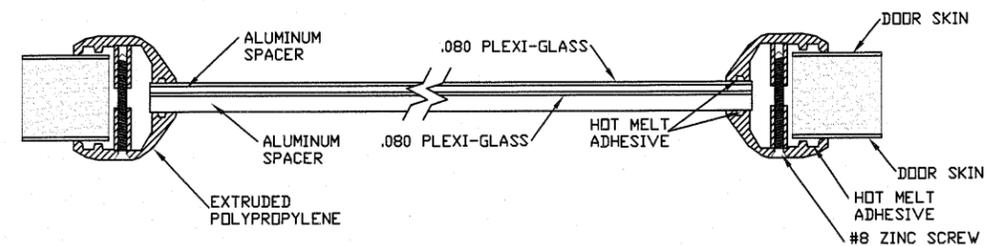
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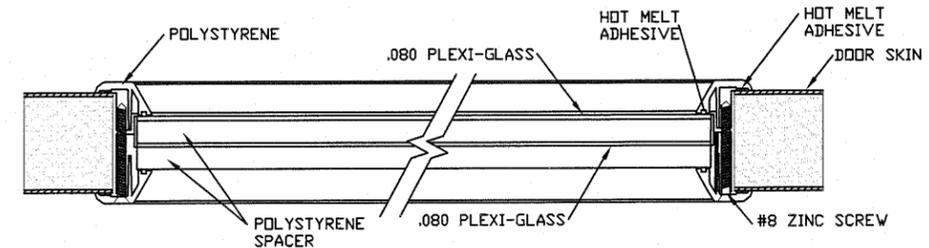
OPTIONAL GLAZED SECTION W/ 24' X 12' WINDOWS
N.T.S.



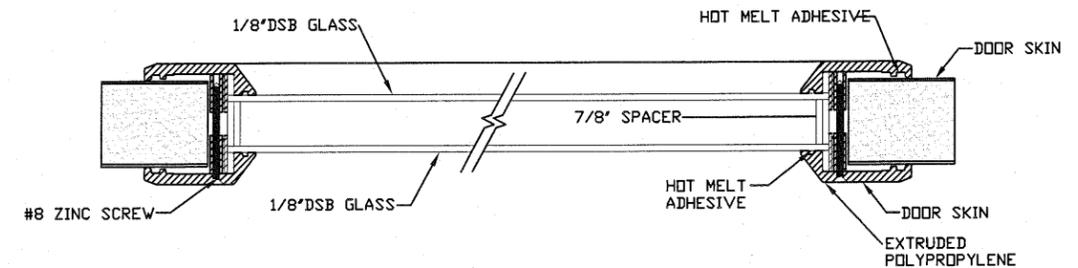
OPTIONAL GLAZED SECTION W/ 24' X 12' WINDOWS
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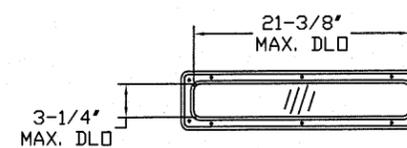
SECTION B-B 24' X 6' WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S.



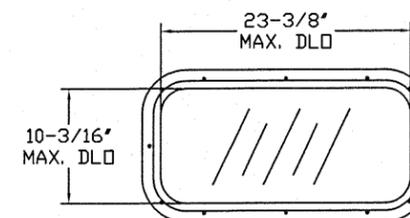
SECTION C-C 26' X 13' WINDOW DETAIL W/ INSULATED PLEXI-GLASS
N.T.S.



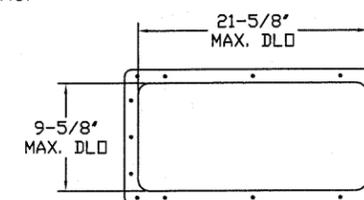
SECTION D-D 24' X 12' WINDOW DETAIL W/ 1-1/8' INSULATED GLASS
N.T.S.



24' X 6' DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

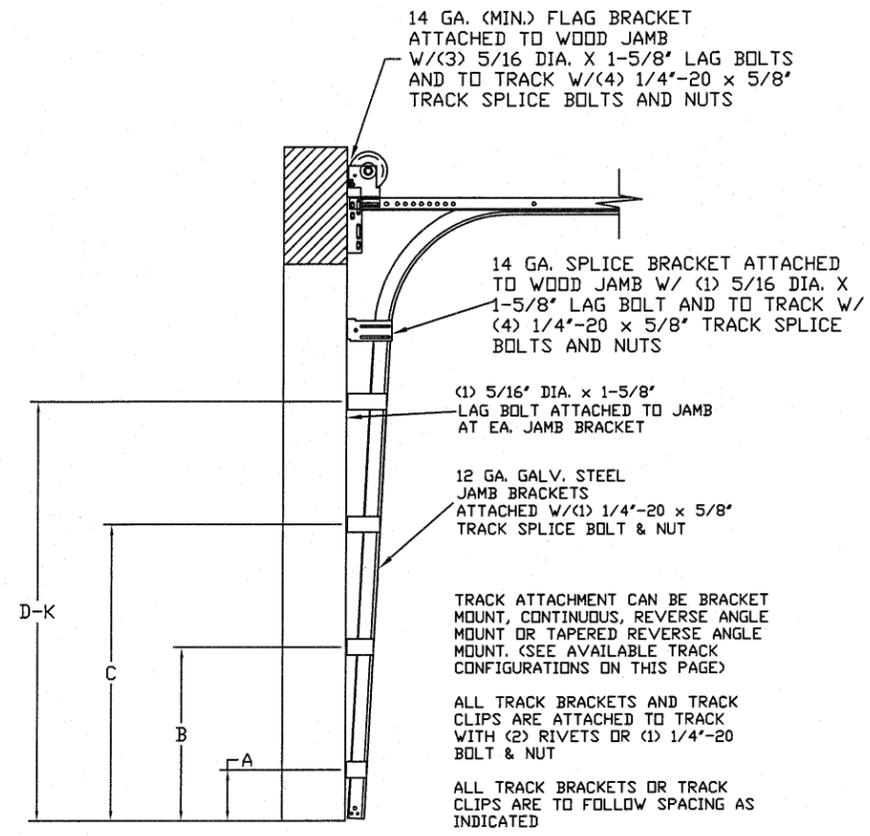


26' X 13' DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

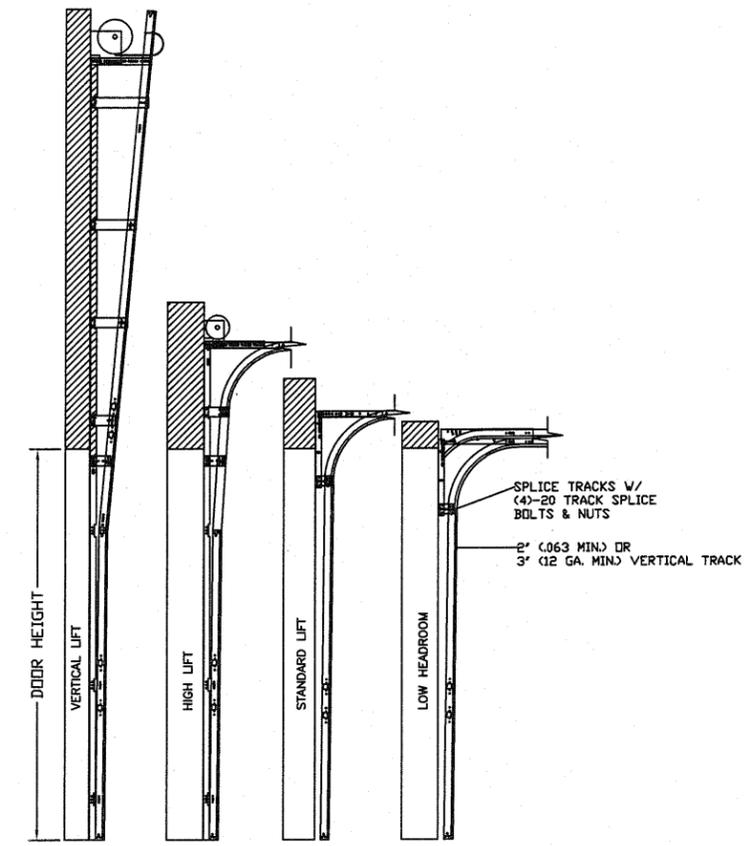


24' X 12' DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY
<p>MAX SIZE 20'2 x 24'</p> <p>DESIGN LOADS +14.7 PSF -16.5 PSF</p> <p>TEST LOADS +22.1 PSF -24.8 PSF</p>			
<p>Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)</p> <p>STATE OF TEXAS THOMAS L. SHELMERDINE 85829 LICENSED PROFESSIONAL ENGINEER TX</p> <p>5921-G W. Friendly Ave., Greensboro, NC 27410</p>			
ENTRE//MATIC			
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			
Amarr MODEL 2700 Amarr MODEL 2720			
SIZE	DRAWN BY	RS	DATE 10/03/14
B	CHECKED BY	RLR	DATE 10/03/14
			DRAWING NUMBER IBC-2720-104-15
SHEET 3 OF 4			



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



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 1

Section Width		Center Stile Locations (Measured from Left Edge)					Max Design Loads Allowed	
(ft)	(in)	1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)	Positive (PSF)	Negative (PSF)
19'	4	36	76	116	156	196	14.8	16.7
19'	6	37	77	117	157	197	14.8	16.7
19'	8	38	78	118	158	198	14.8	16.7
19'	10	39	79	119	159	199	14.8	16.7
20'	0	40.0	80	120	160	200	14.8	16.6
20'	2	41.0	81	121	161	201	14.7	16.5

TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT											TYPICAL SPLICE
	A	B	C	D	E	F	G	H	I	J	K	
7' 0"	10.0"	34"	58"									76"
7' 6"	10.0"	34"	58"									82"
8' 0"	10.0"	34"	58"									88"
9' 0"	10.0"	34"	58"	82"								100"
9' 6"	10.0"	34"	58"	82"								106"
10' 0"	10.0"	34"	58"	82"								112"
11' 0"	10.0"	34"	58"	82"	106"							124"
12' 0"	10.0"	34"	58"	82"	106"							136"
13' 0"	10.0"	34"	58"	82"	106"	130"						148"
14' 0"	10.0"	34"	58"	82"	106"	130"						160"
15' 0"	10.0"	34"	58"	82"	106"	130"	154"					172"
16' 0"	10.0"	34"	58"	82"	106"	130"	154"					184"
17' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"				196"
18' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"				208"
19' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"			220"
20' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"			232"
21' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"		244"
22' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"		256"
23' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"	250"	268"
24' 0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"	250"	280"

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

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
20'2 x 24'

DESIGN LOADS
+14.7 PSF
-16.5 PSF

TEST LOADS
+22.1 PSF
-24.8 PSF

TX

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