

SECTION A-A (SIDE VIEW)
N.T.S.

TYPICAL BOTTOM BRACKET
N.T.S.

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)	104	95	90	86	83
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE, 16'2" x 24'

DESIGN LOADS
+15.0 PSF
-17.0 PSF

TEST LOADS
+22.5 PSF
-25.5 PSF

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

TX

Amarr
ENTRE/MATIC
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

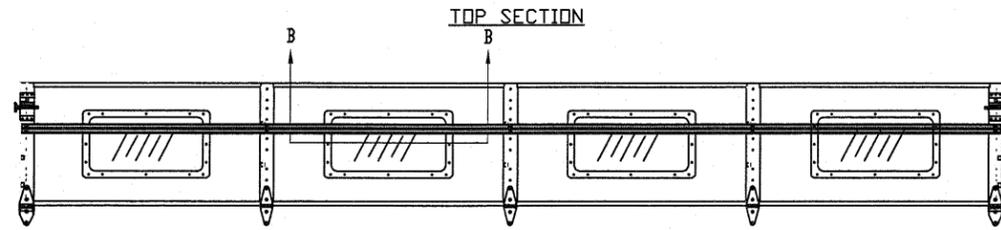
MODEL 2400 (24 GA)
MODEL 2000 (20 GA)

SIZE	DRAWN BY	RWS	DATE	06/30/14	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	06/30/14	IBC-2416-104-15

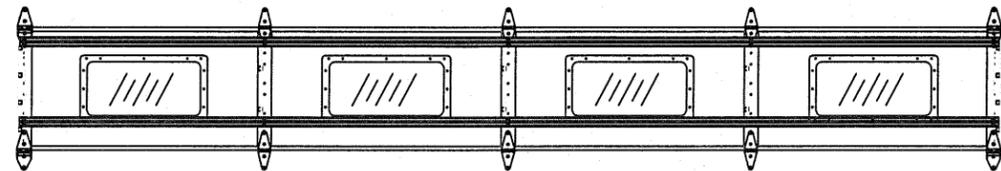
SHEET 1 OF 4

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

EDGE OF DOOR 1" OVERLAP ON EACH SIDE

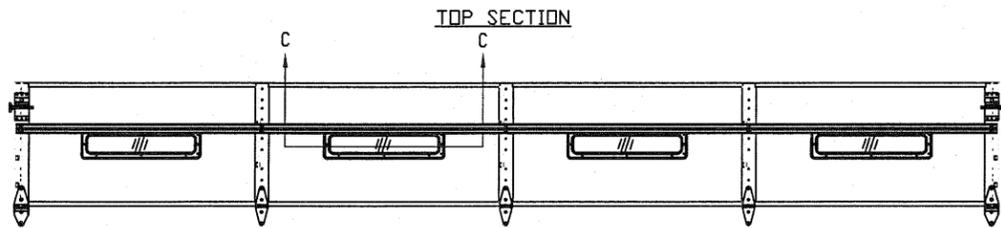


TOP SECTION

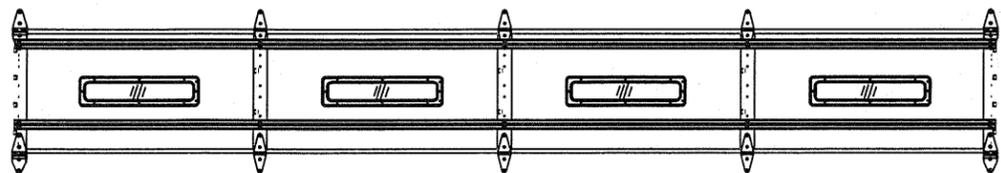


INTERMEDIATE SECTION

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

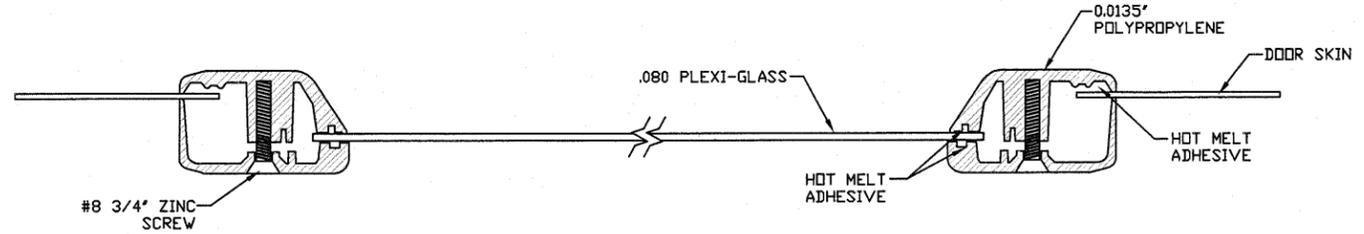


TOP SECTION

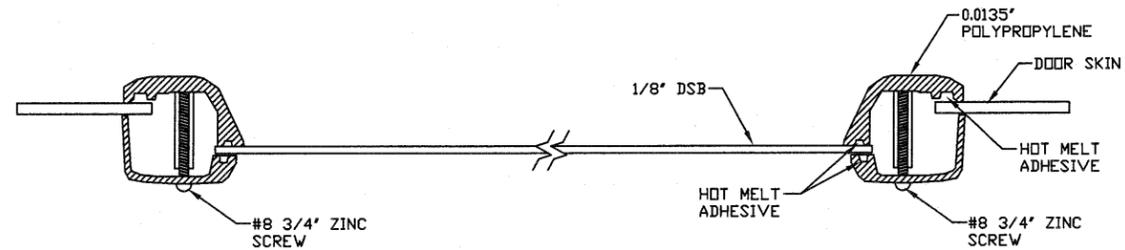


INTERMEDIATE SECTION

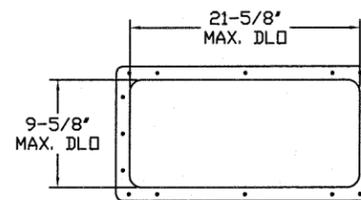
OPTIONAL GLAZED SECTION W/ 24' X 6' WINDOWS AND STRUT LAYOUT
N.T.S.



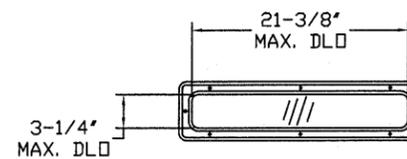
SECTION B-B 24' X 12' WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S.



SECTION C-C 24' X 6' WINDOW DETAIL
N.T.S.



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



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

REV	DESCRIPTION OF REVISIONS	DATE	BY
	MAX SIZE 16'2 x 24'		
	DESIGN LOADS +15.0 PSF -17.0 PSF		
	TEST LOADS +22.5 PSF -25.5 PSF		
TX ENTRE/MATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 MODEL 2400 (24 GA) MODEL 2000 (20 GA)			
SIZE	DRAWN BY	RWS	DATE
B	CHECKED BY	RLR	DATE
DRAWING NUMBER			DRAWING NUMBER
			IBC-2416-104-15
SHEET 3 OF 4			

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

TABLE 1

Section Width (ft)	Center Stile Locations (Measured from Left)			Max Design Loads Allowed	
	1st (in)	2nd (in)	3rd (in)	Positive (PSF)	Negative (PSF)
9' 4"	36"	76"	-	19.0	21.5
9' 6"	37"	77"	-	18.8	21.3
9' 8"	38"	78"	-	18.5	21.0
9' 10"	39"	79"	-	18.3	20.7
10' 0"	40"	80"	-	18.0	20.5
10' 2"	41"	81"	-	17.8	20.2
10' 4"	42"	82"	-	17.6	20.0
10' 6"	43"	83"	-	17.4	19.7
10' 8"	44"	84"	-	17.2	19.5
10' 10"	45"	85"	-	17.0	19.3
11' 0"	46"	86"	-	16.8	19.0
11' 2"	47"	87"	-	16.6	18.8
11' 4"	48"	88"	-	16.4	18.6
11' 6"	49"	89"	-	16.2	18.4
11' 8"	50"	90"	-	16.0	18.2
11' 10"	51"	91"	-	15.9	18.0
12' 0"	48"	96"	-	15.0	17.0
13' 0"	36"	78"	120"	17.2	19.5
13' 2"	37"	79"	121"	17.2	19.5
13' 4"	38"	80"	122"	17.2	19.5
13' 6"	39"	81"	123"	17.2	19.5
13' 8"	40"	82"	124"	17.2	19.5
13' 10"	41"	83"	125"	17.2	19.5
14' 0"	42"	84"	126"	17.2	19.5
14' 2"	43"	85"	127"	17.0	19.3
14' 4"	44"	86"	128"	16.8	19.0
14' 6"	45"	87"	129"	16.6	18.8
14' 8"	46"	88"	130"	16.4	18.6
14' 10"	47"	89"	131"	16.2	18.4
15' 0"	48"	90"	132"	16.0	18.2
15' 2"	49"	91"	133"	15.9	18.0
15' 4"	50"	92"	134"	15.7	17.8
15' 6"	51"	93"	135"	15.5	17.6
15' 8"	52"	94"	136"	15.4	17.4
15' 10"	53"	95"	137"	15.2	17.2
16' 0"	48"	96"	144"	15.0	17.0
16' 2"	49"	97"	145"	15.0	17.0

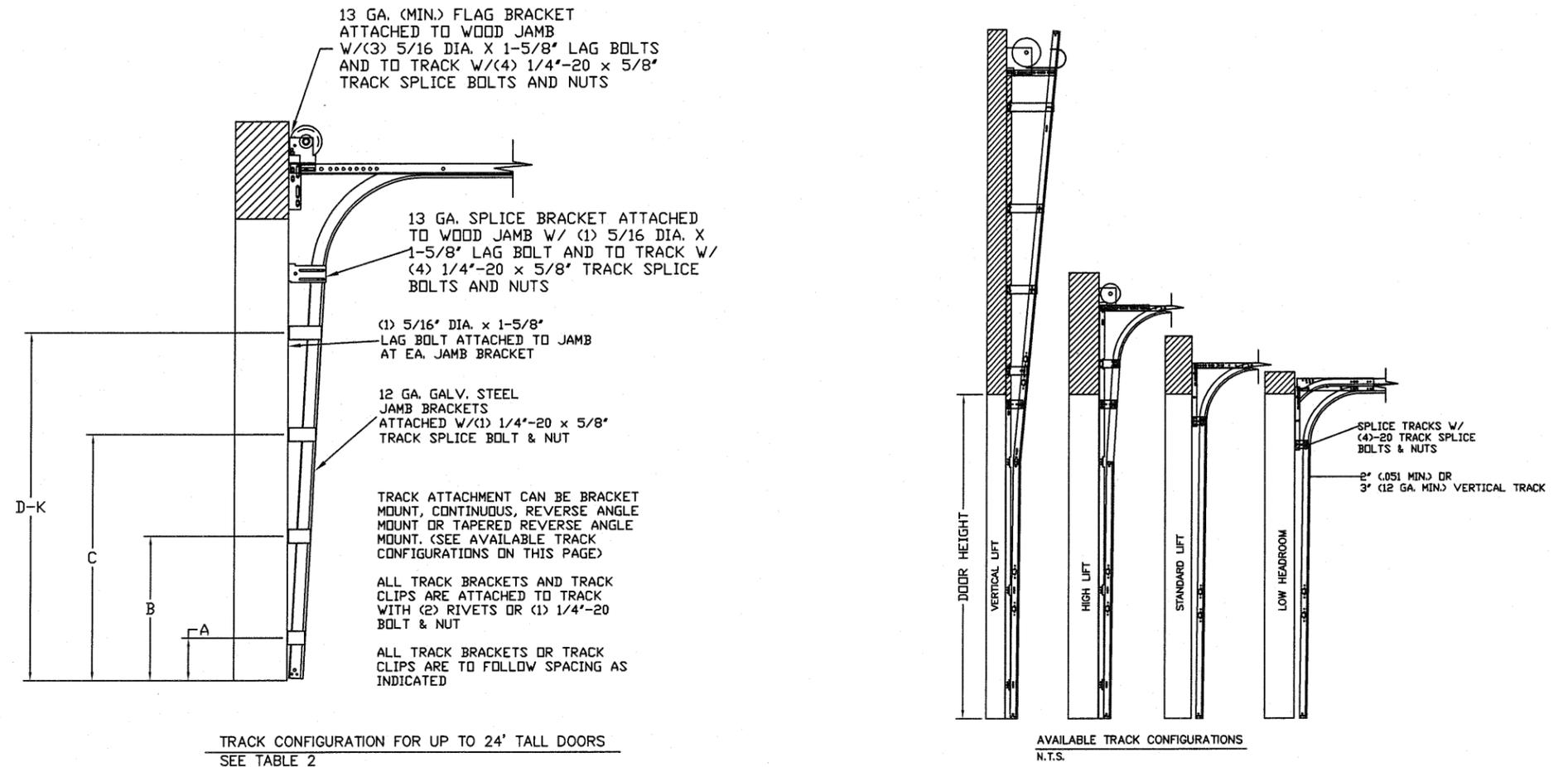


TABLE 2

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"
8' 6"	10.0"	34"	58"	82"								94"
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
A			

MAX SIZE 16'2" x 24'

DESIGN LOADS +15.0 PSF -17.0 PSF

TEST LOADS +22.5 PSF -25.5 PSF

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

STATE OF TEXAS
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SHEET 4 OF 4

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