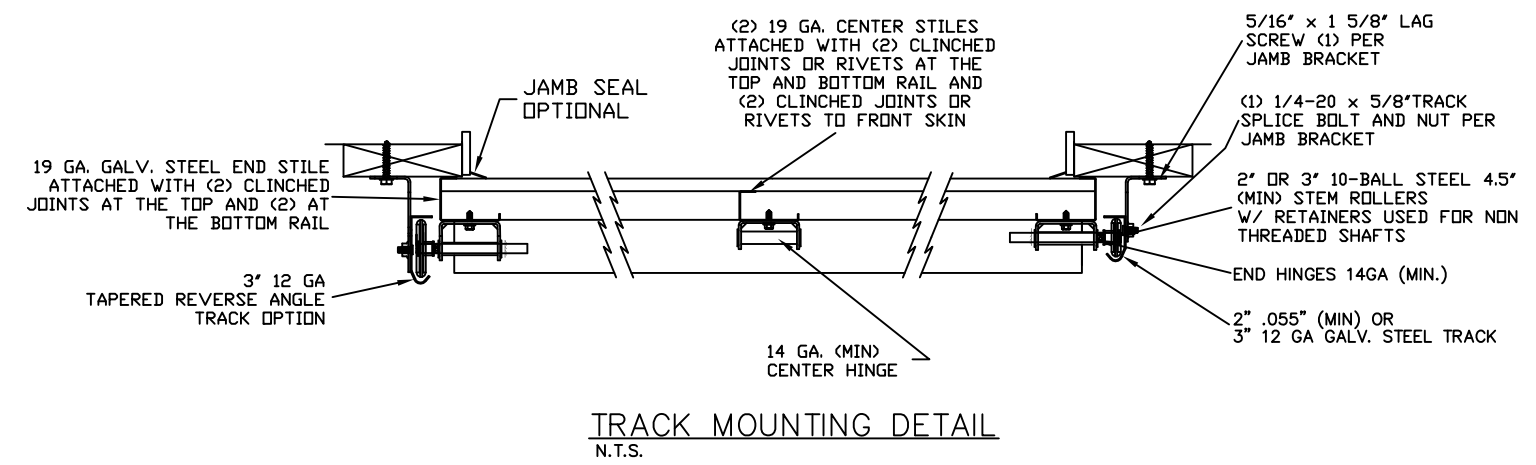
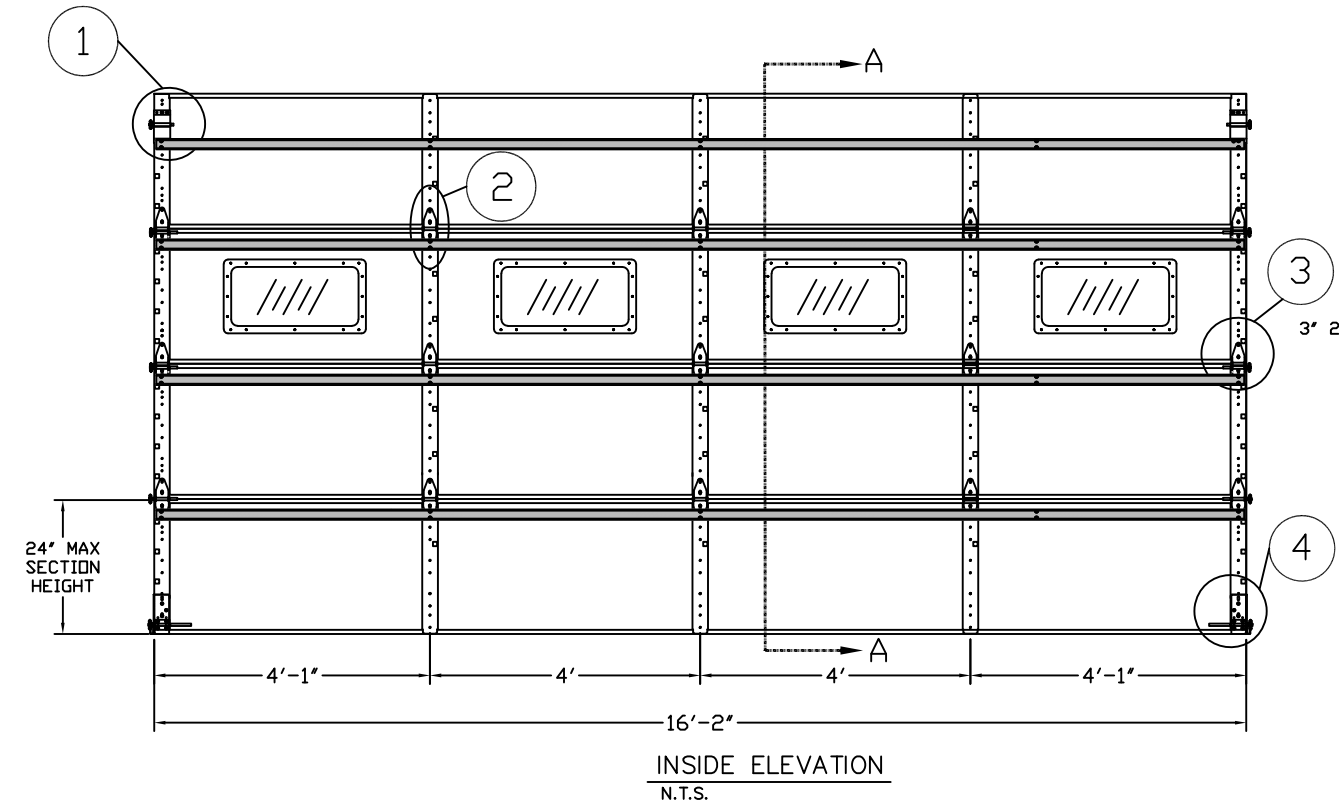
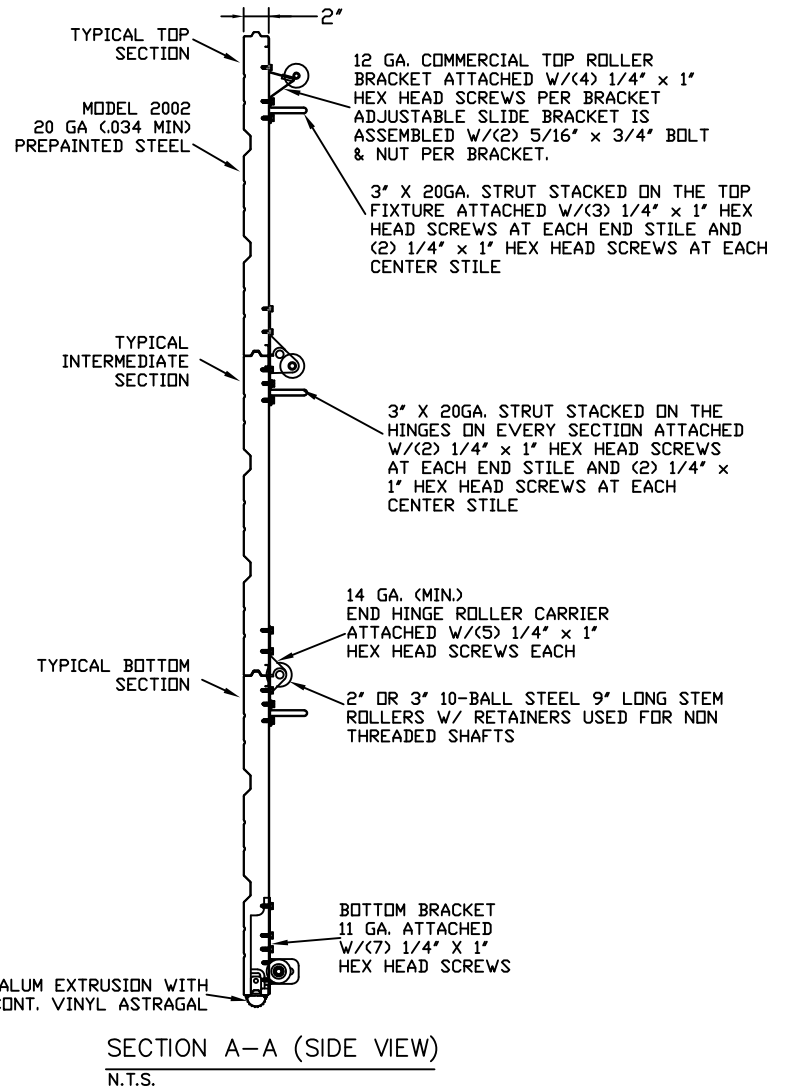
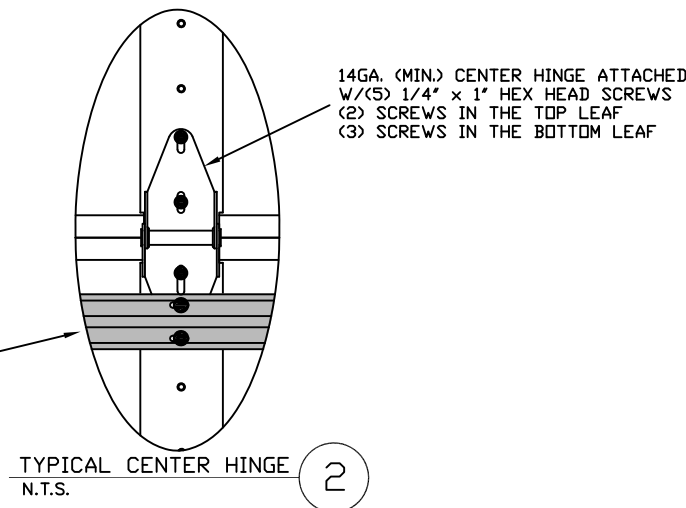
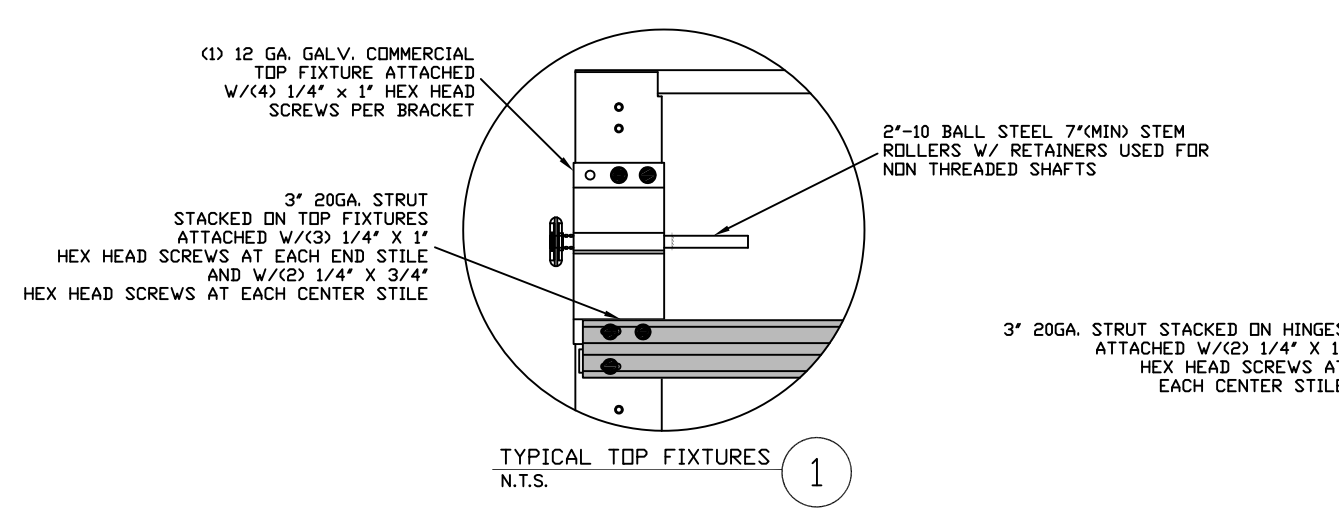




THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-22 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN END ZONE, ROOF SLOPE 10° OR LESS):

WIND SPEED (MPH)	135	122	116	111	107
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

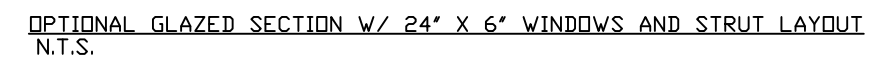
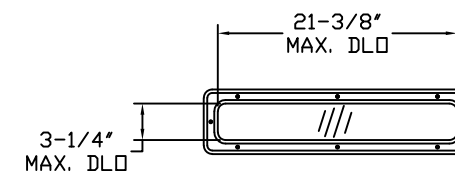
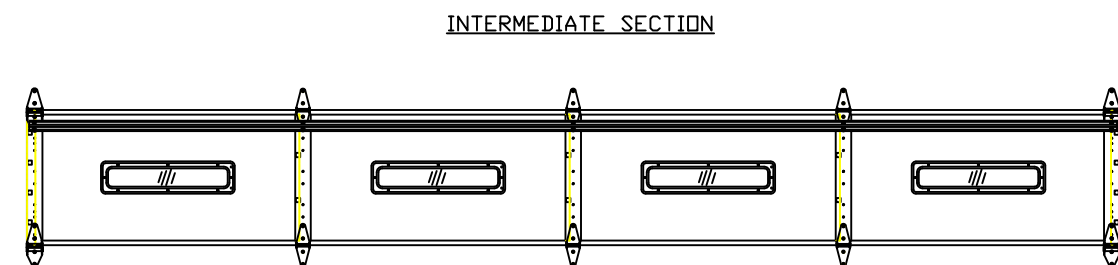
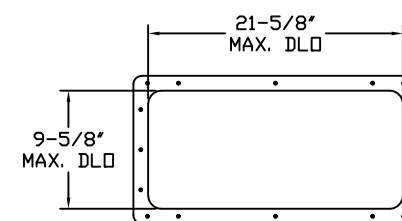
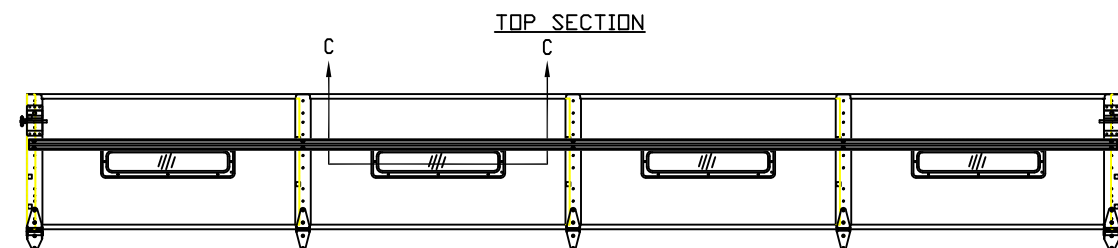
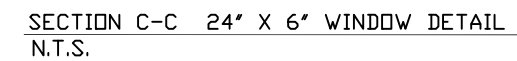
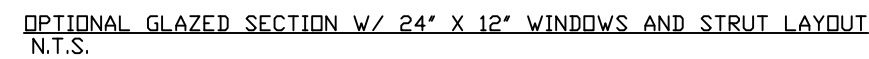
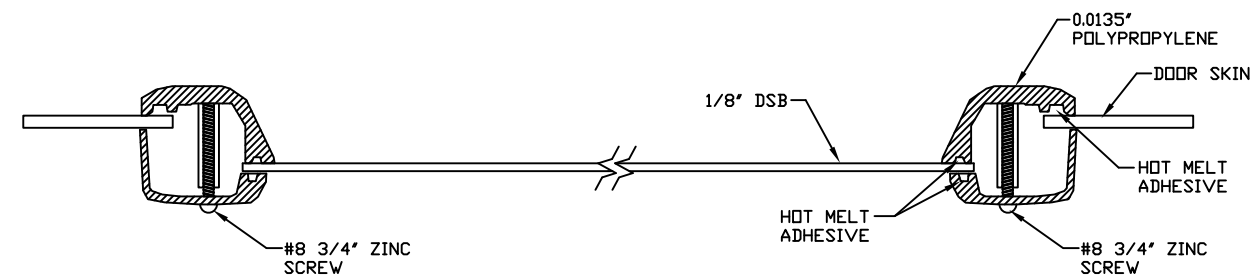
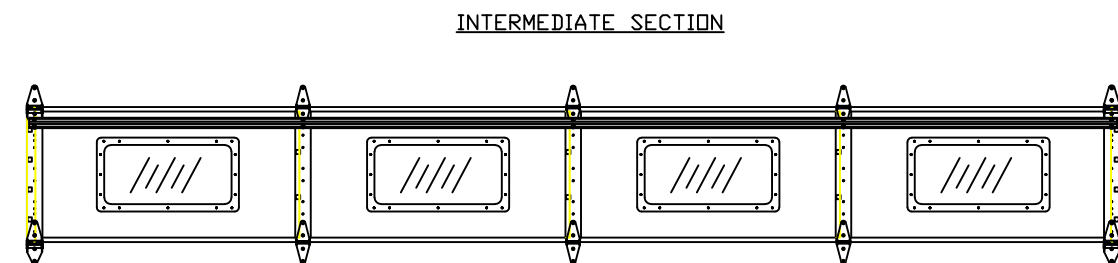
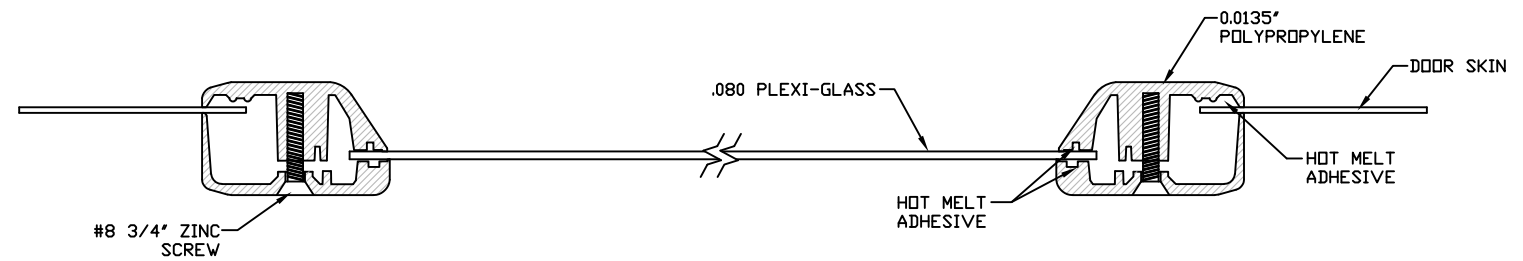
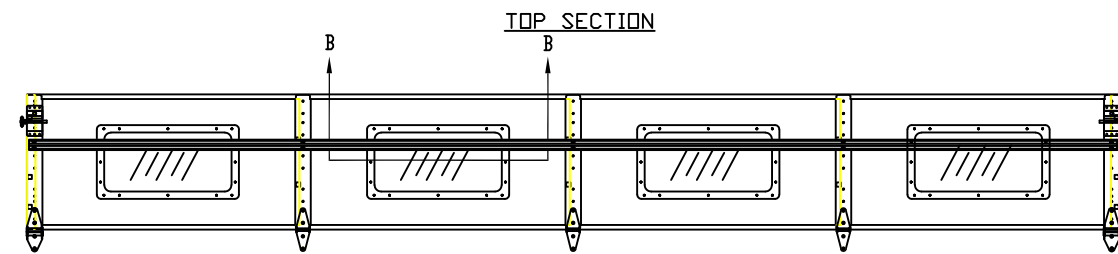
Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)
dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

FL

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	CHECKED BY RLR	DATE 04/09/24	
AMARR COMPANY 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 1 OF 4

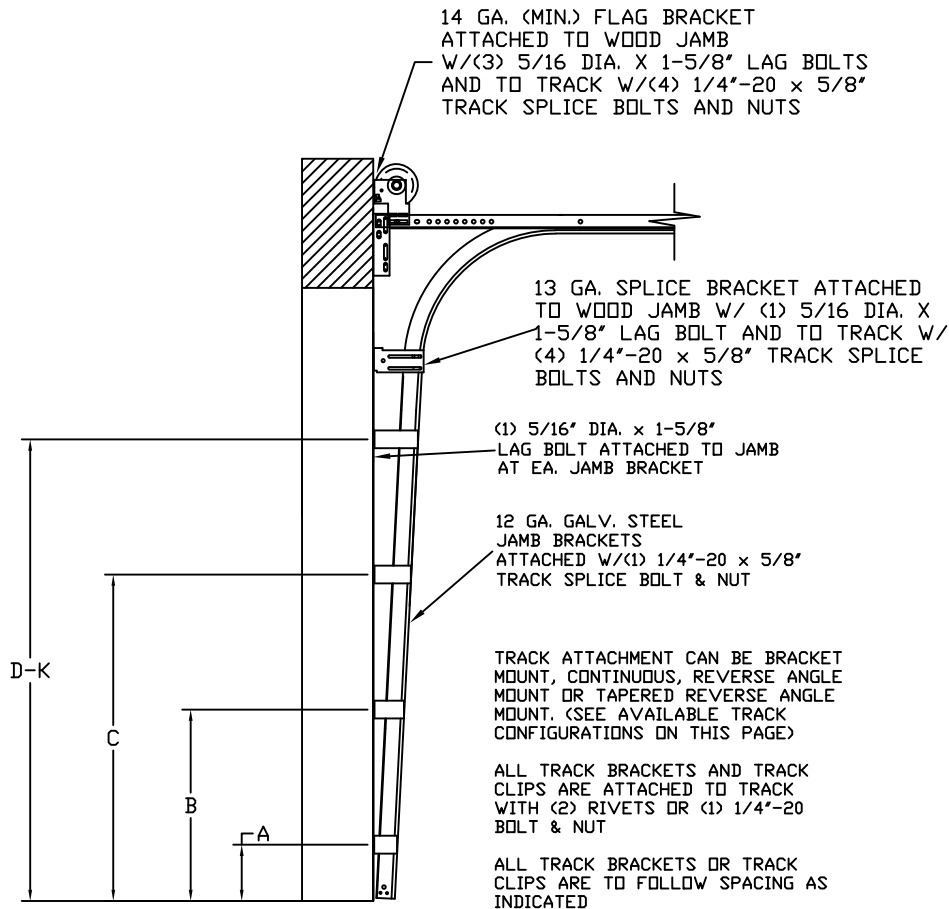
EDGE OF DOOR 1" OVERLAP ON EACH SIDE



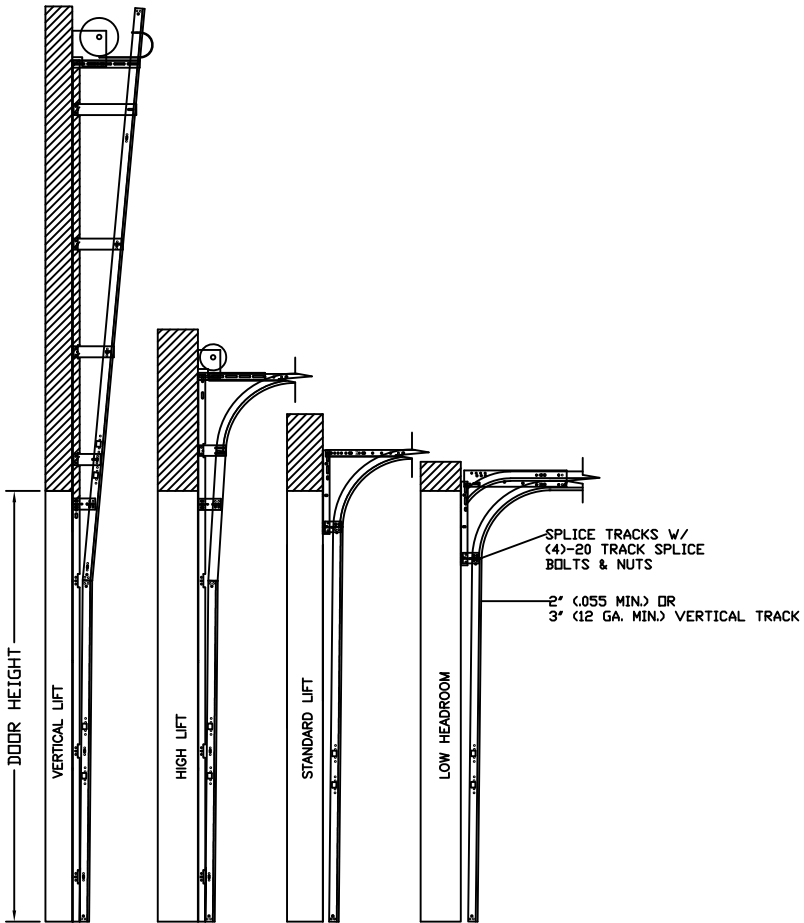
REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 16'2 x 24' DESIGN LOADS +15.0 PSF -17.0 PSF TEST LOADS +22.5 PSF -25.5 PSF	 See Digital Signature This document has been digitally signed & sealed by Thomas L. Shelmerdine, PE on the date shown. Printed copies of this document are not considered signed & sealed, and the signature must be verified on any electronic copies. Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410 FL		
			
AMARR 2002, 2012, 2022			
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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



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



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 3

SECTION	
12TH	3"
11TH	3"
10TH	3"
9TH	3"
8TH	3"
7TH	3"
6TH	3"
5TH	3"
4TH	3"
3RD	3"
2ND	3"
BTM	3"

TABLE 2

DOOR HEIGHT		TRACK ATTACHMENT											TYPICAL SPLICE
		A	B	C	D	E	F	G	H	I	J	K	
7'	0"	10"	34"	58"									76"
7'	6"	10"	34"	58"									82"
8'	0"	10"	34"	58"									88"
8'	6"	10"	34"	58"	82"								94"
9'	0"	10"	34"	58"	82"								100"
9'	6"	10"	34"	58"	82"								106"
10'	0"	10"	34"	58"	82"								112"
11'	0"	10"	34"	58"	82"	106"							124"
12'	0"	10"	34"	58"	82"	106"							136"
13'	0"	10"	34"	58"	82"	106"	130"						148"
14'	0"	10"	34"	58"	82"	106"	130"						160"
15'	0"	10"	34"	58"	82"	106"	130"	154"					172"
16'	0"	10"	34"	58"	82"	106"	130"	154"					184"
17'	0"	10"	34"	58"	82"	106"	130"	154"	178"				196"
18'	0"	10"	34"	58"	82"	106"	130"	154"	178"				208"
19'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"			220"
20'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"			232"
21'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"		244"
22'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"		256"
23'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"	250"	268"
24'	0"	10"	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. SHELDERDINE
LICENSE
No. 48579
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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