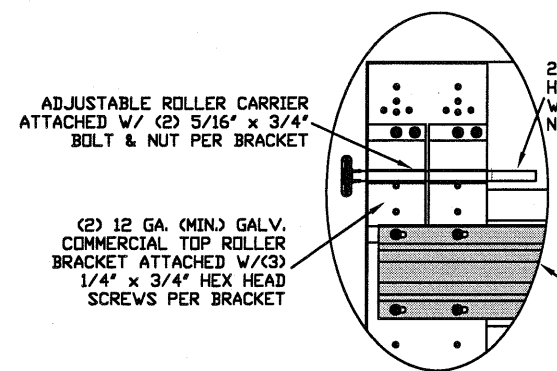
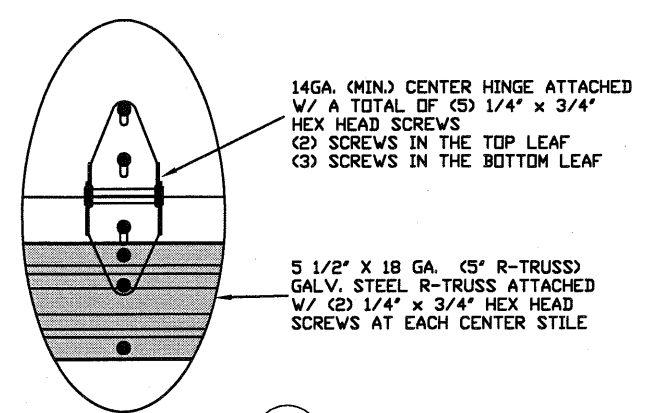
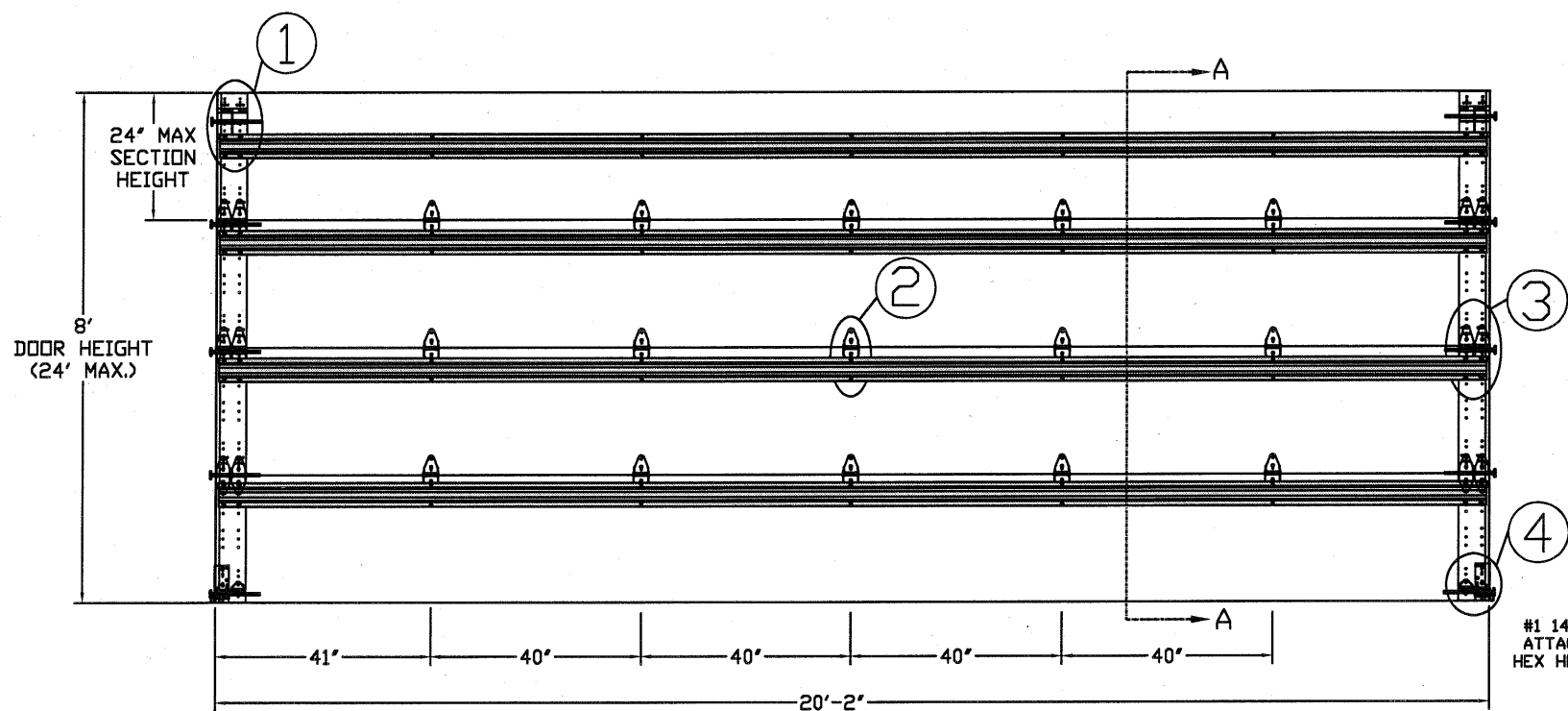




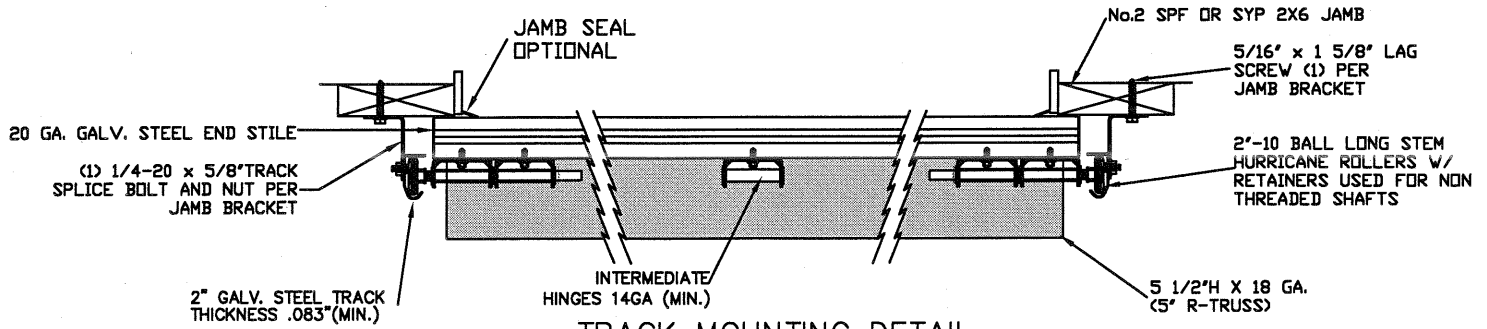
TYPICAL TOP FIXTURES
N.T.S. 1



TYPICAL CENTER HINGE
N.T.S. 2

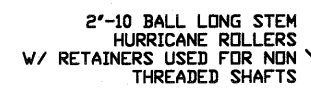


INSIDE ELEVATION
N.T.S.

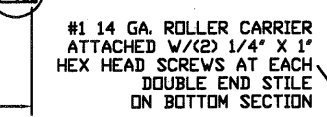


TRACK MOUNTING DETAIL
N.T.S.

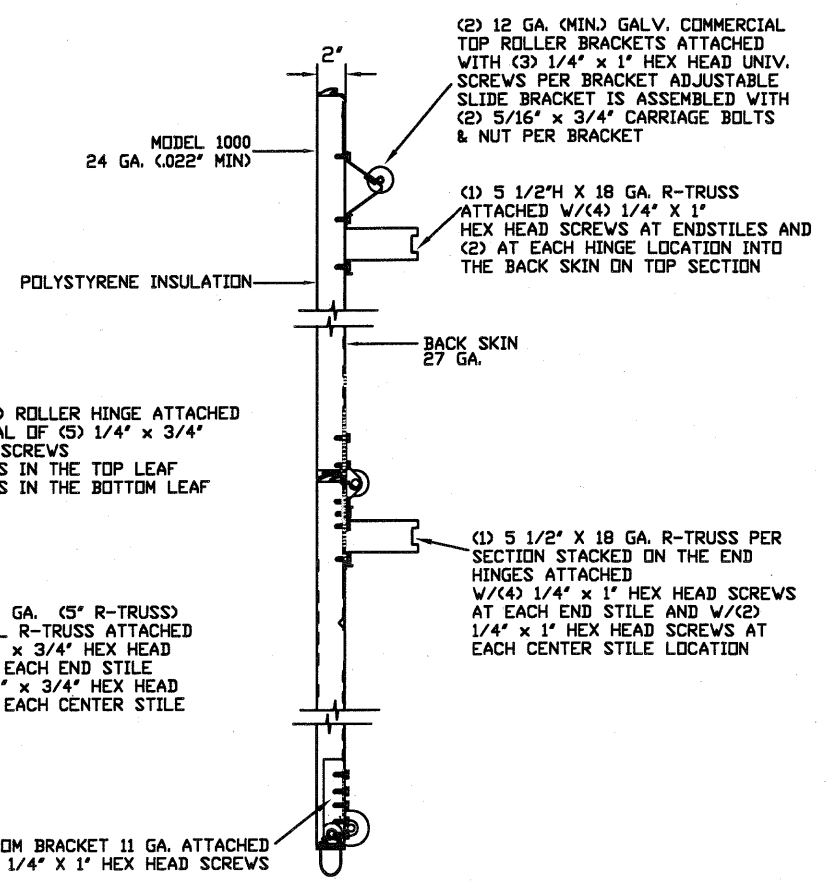
EDGE OF DOOR 1" OVERLAP ON EACH SIDE



TYPICAL END HINGE
N.T.S. 3



TYPICAL BOTTOM BRACKET
N.T.S. 4



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

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN AND DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN END ZONE, ROOF SLOPE 10° OR LESS):

WIND SPEED (MPH)	168	152	145	138	133
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	+22.9 PSF -25.7 PSF		
TEST LOADS	+34.4 PSF -38.5 PSF		

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)

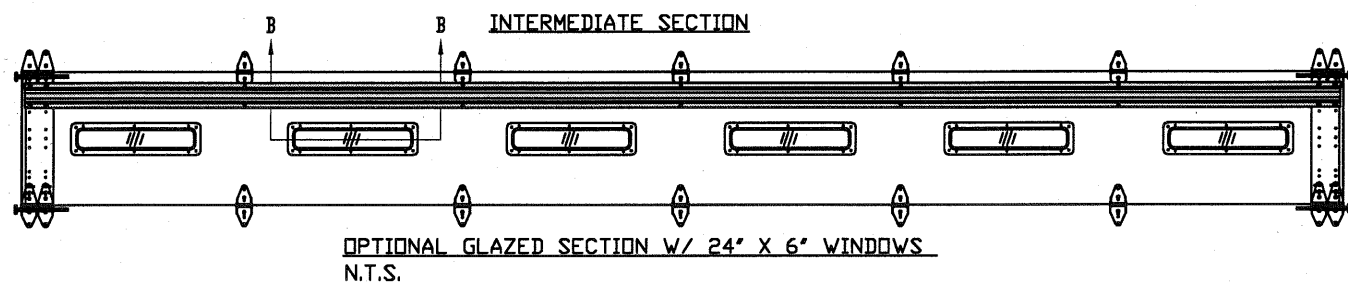
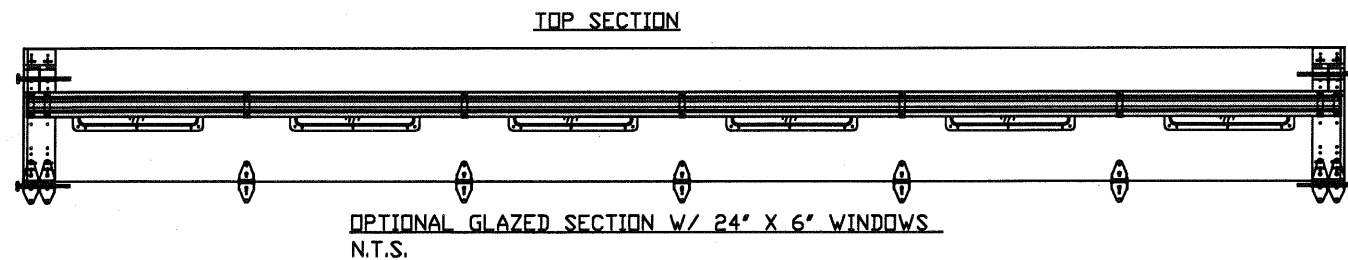
dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

MODEL 1000 AMARR 2432

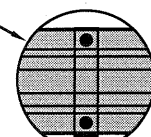
SIZE	DRAWN BY	DRC	DATE	3/29/19	DRAWING NUMBER
B	CHECKED BY	DLJ	DATE	6/12/19	IBC-1020-130-26

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

SHEET 1 OF 4

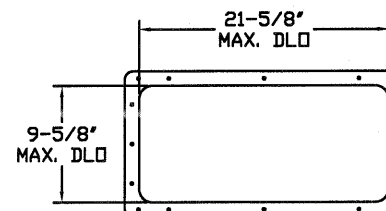
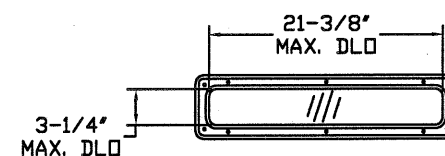
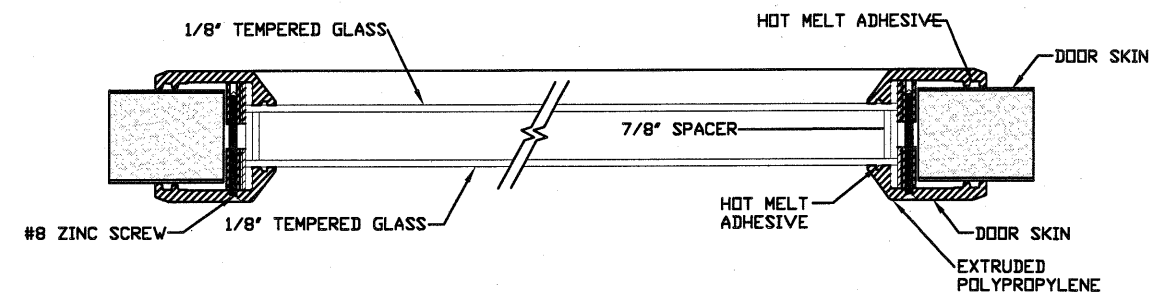
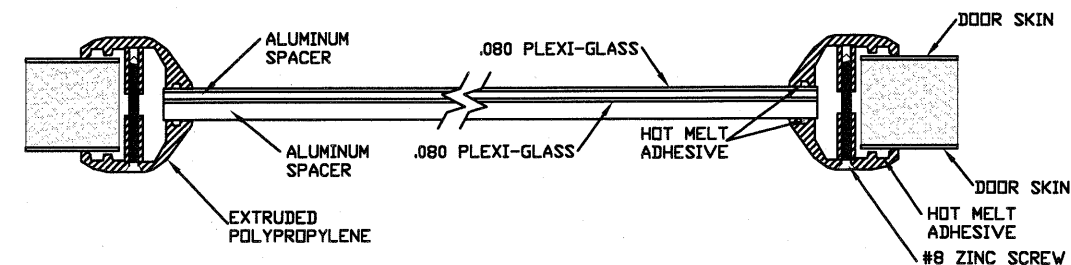
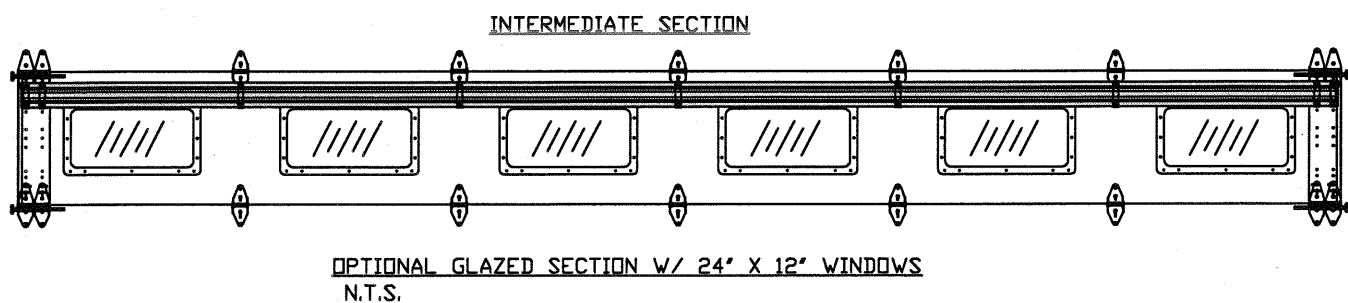
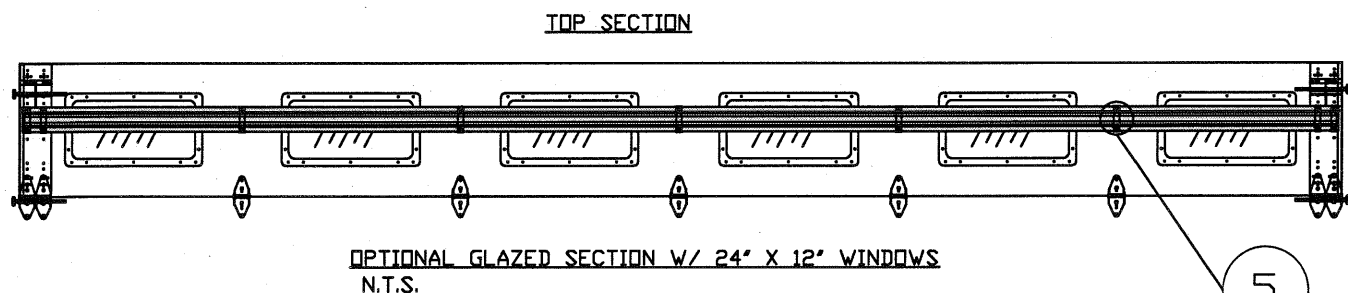


5 1/2" X 18 GA. <5" R-TRUSS
GALV. STEEL R-TRUSS ATTACHED
W/ (2) 1/4" X 3/4" HEX HEAD
SCREWS AT EACH CENTER STILE



R-TRUSS SPACER

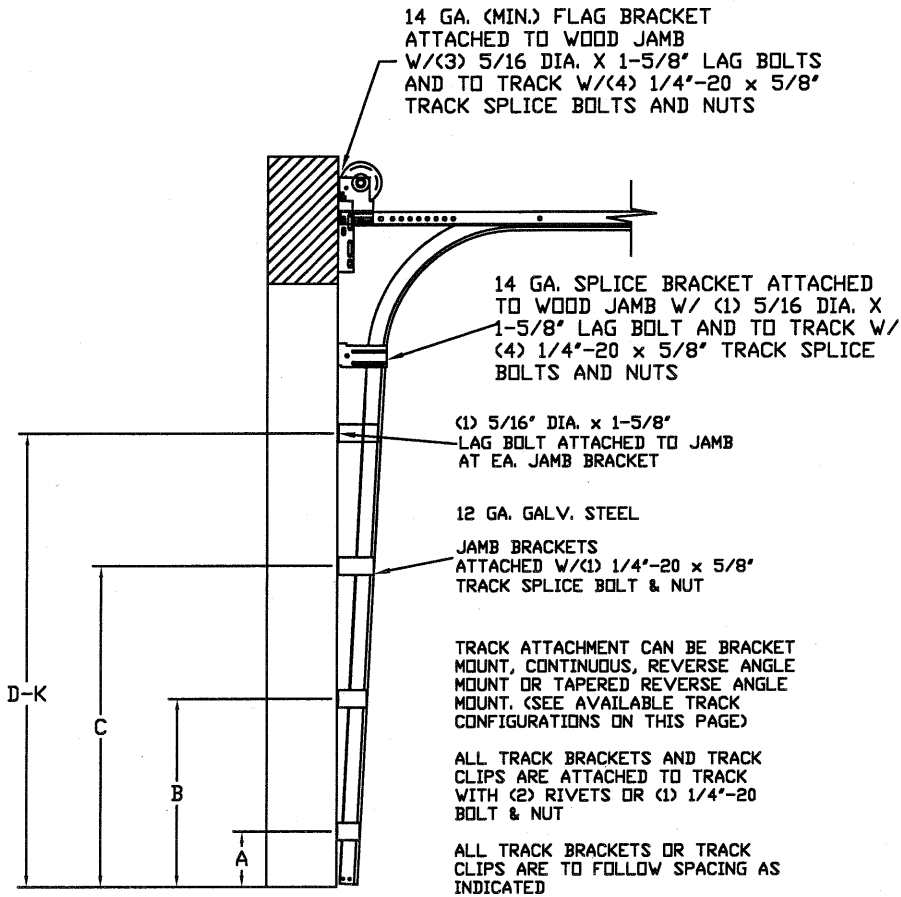
R-TRUSS SPACER
N.T.S. 5



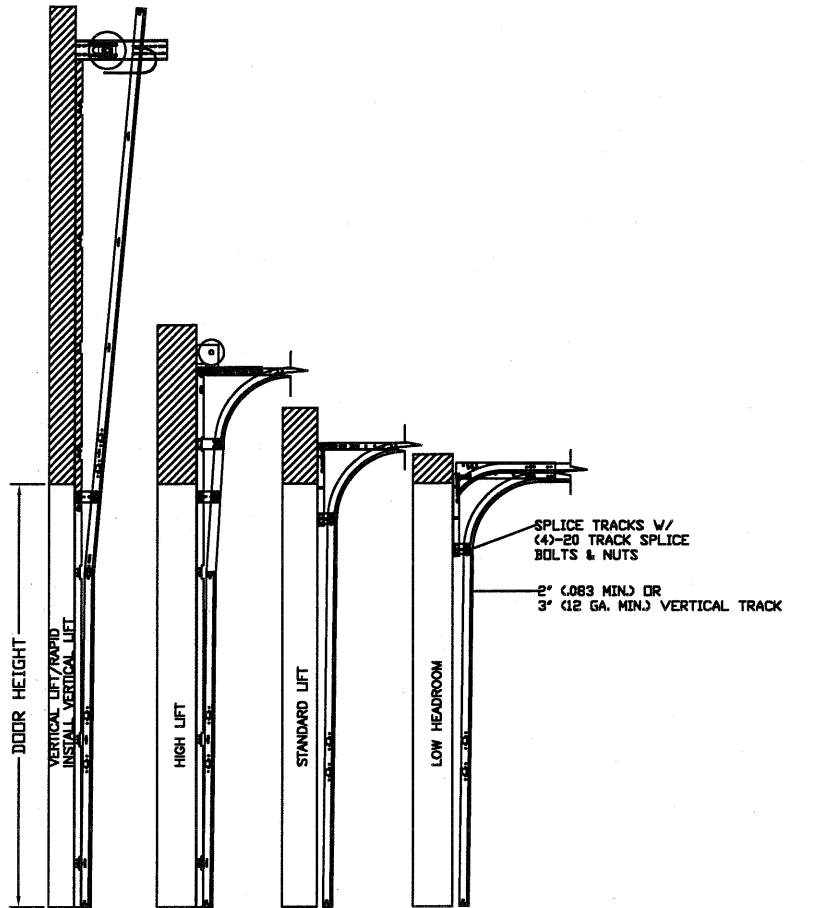
REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 20'2 x 24' DESIGN LOADS +22.9 PSF -25.7 PSF TEST LOADS +34.4 PSF -38.5 PSF Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL Thomas L. Shelmerdine LICENSE No. 48579 STATE OF FLORIDA PROFESSIONAL ENGINEER dba Structural Solutions of North Carolina, Inc. 5921 G.W. Friendly Ave., Greensboro, NC 27410			
Amarr			
MODEL 1000 AMARR 2432			
SIZE	DRAWN BY	DRC	DATE
B	CHECKED BY	DLJ	DATE
ENTREMATIC			DRAWING NUMBER
165 CARRIAGE COURT WINSTON-SALEM, NC. 27105			IEC-1020-130-26
			SHEET 3 OF 4

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)
18'	4	45.5	88.5	131.5	174.5		20.9	23.5
18'	6	46.5	89.5	132.5	175.5		20.7	23.2
18'	8	47.5	90.5	133.5	176.5		20.4	23
18'	10	48.5	91.5	134.5	177.5		20.2	22.7
19'	0	49.5	92.5	135.5	178.5		20	22.5
19'	2	50.5	93.5	136.5	179.5		19.8	22.2
19'	4	36	76	116	156	196	23.1	26
19'	6	37	77	117	157	197	23.1	26
19'	8	38	78	118	158	198	23.1	26
19'	10	39	79	119	159	199	23.1	26
20'	0	40.0	80	120	160	200	23	25.9
20'	2	41.0	81	121	161	201	22.9	25.7



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



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 2

DOOR	TRACK ATTACHMENT																						SPLICE	
HEIGHT	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	S
7'	10"	22"	34"	46"	58"	70"																		76"
8'	10"	22"	34"	46"	58"	70"	82"																	88"
9'	10"	22"	34"	46"	58"	70"	82"	94"																100"
10'	10"	22"	34"	46"	58"	70"	82"	94"	106"															112"
11'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"														124"
12'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"													136"
13'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"												148"
14'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"											160"
15'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"										172"
16'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"									184"
17'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"								196"
18'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"							208"
19'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"						220"
20'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"					232"
21'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"				244"
22'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"			256"
23'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"		268"
24'	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"	274"	280"

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

TABLE 3

SECTION	STRUT SIZE
12TH	5.5"
11TH	5.5"
10TH	5.5"
9TH	5.5"
8TH	5.5"
7TH	5.5"
6TH	5.5"
5TH	5.5"
4TH	5.5"
3RD	5.5"
2ND	5.5"
BOTTOM	5.5"

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
20'2 x 24'

DESIGN LOADS
+22.9 PSF
-25.7 PSF

TEST LOADS
+34.4 PSF
-38.5 PSF

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)

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LICENSE
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ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 4 OF 4