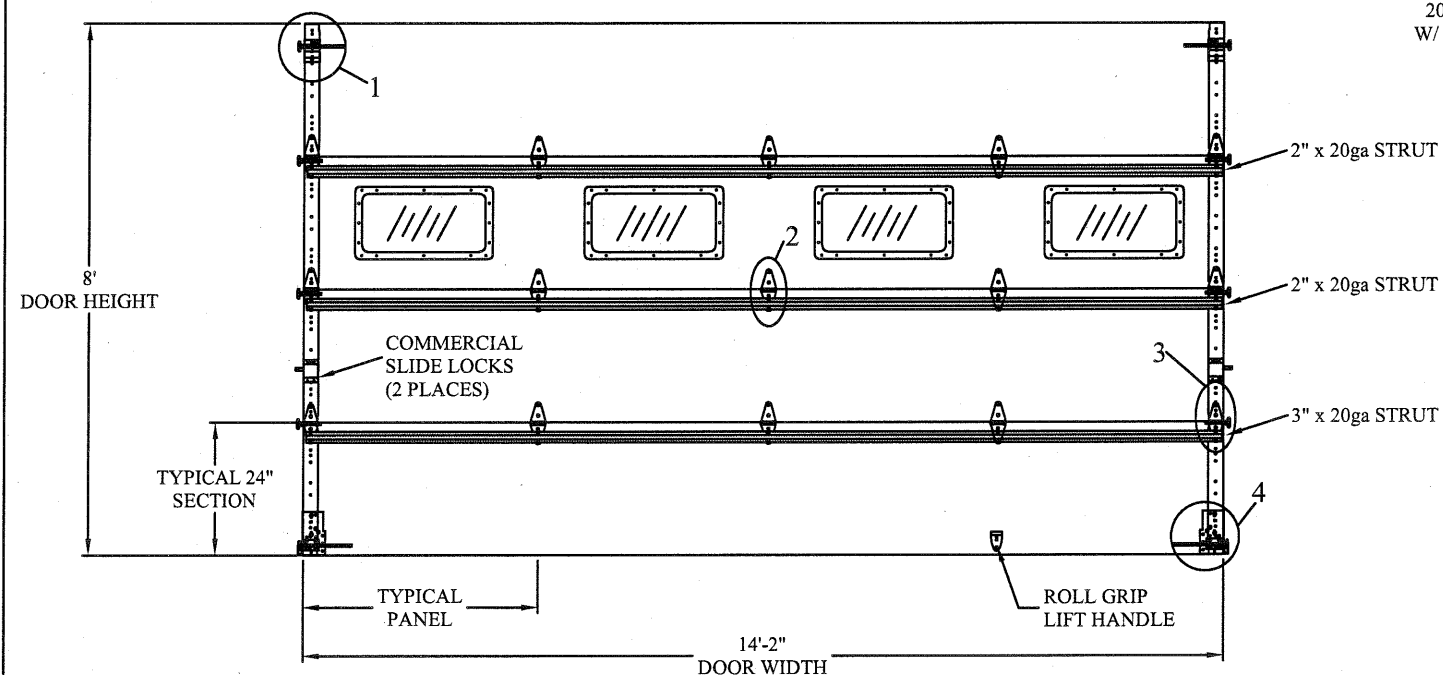
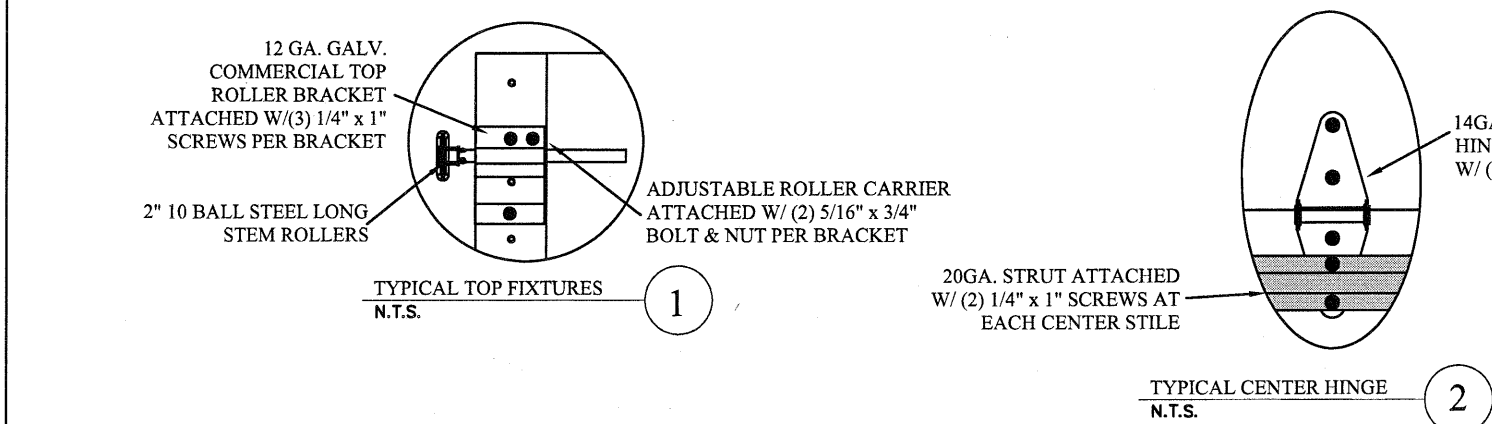
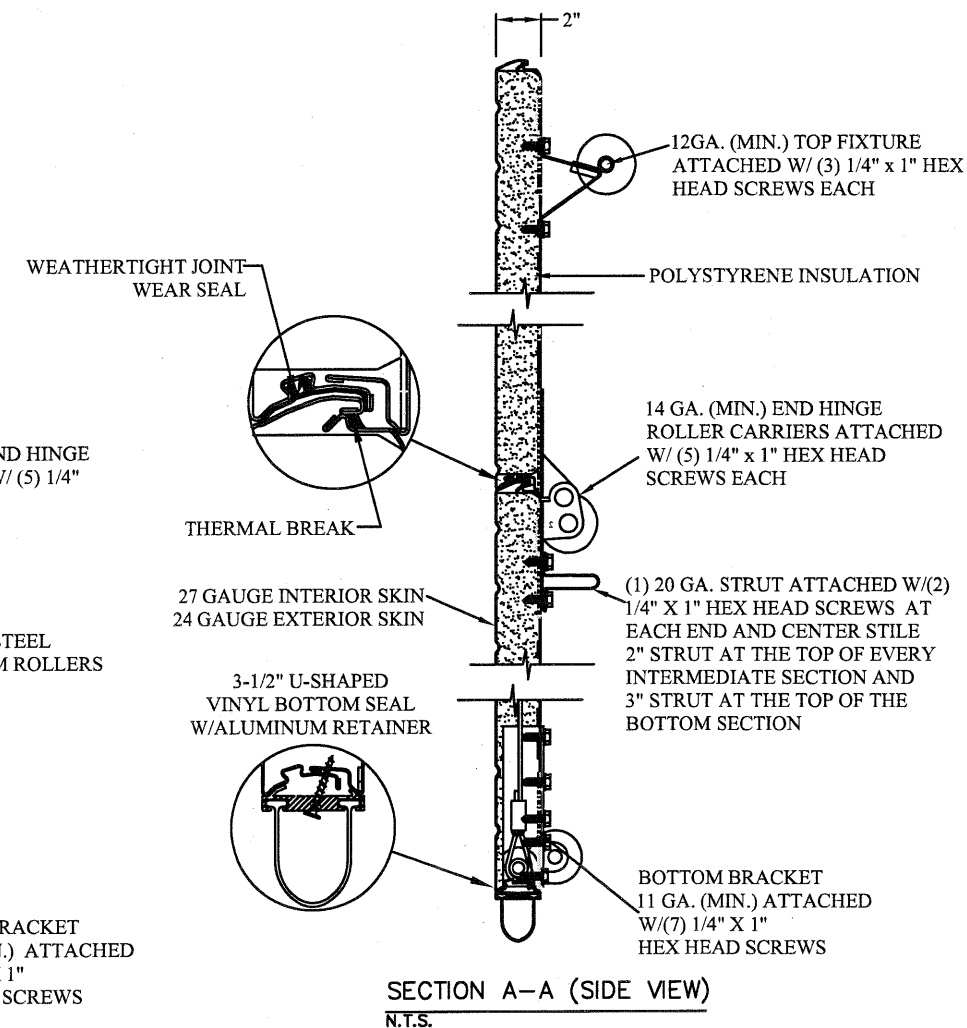
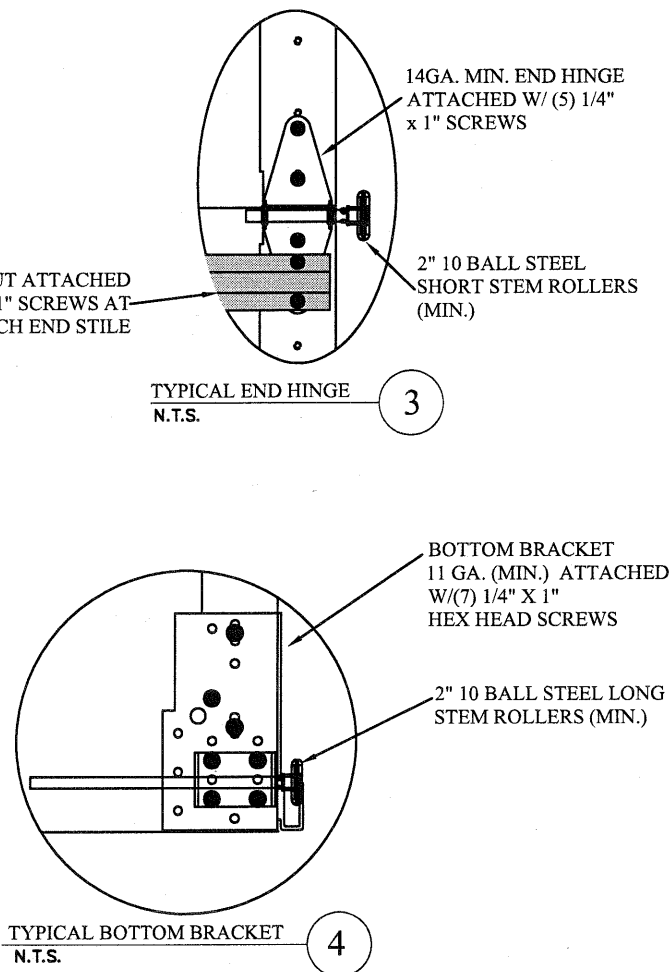
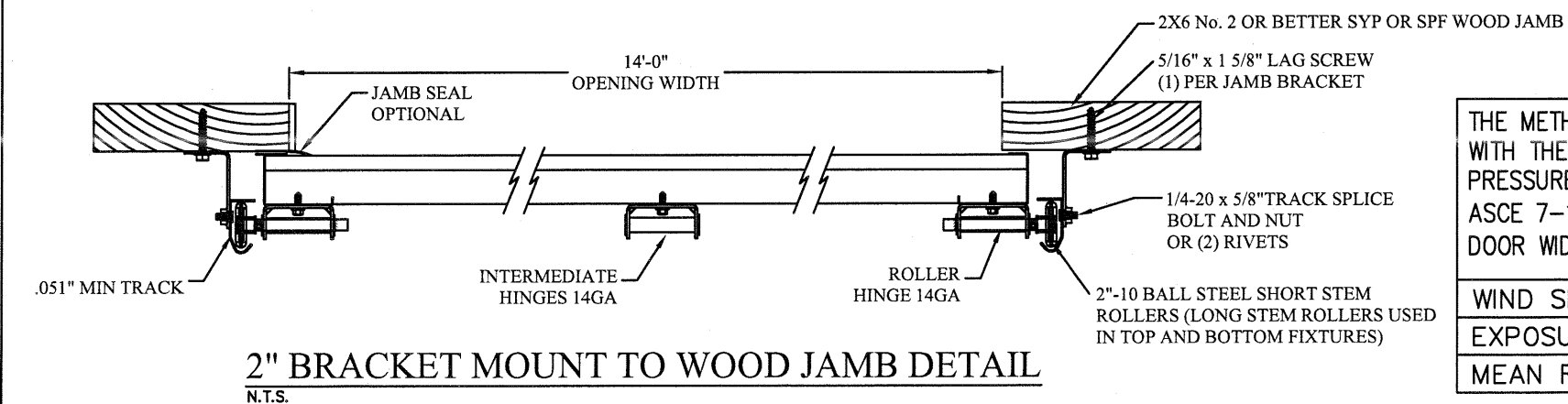




DOOR INTERIOR ELEVATION
N.T.S.



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 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN END ZONE, ROOF SLOPE 10' OR LESS):

WIND SPEED (MPH)	135	122	116	111	106
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
14'2" x 24'

DESIGN LOADS
+15.1 PSF
-17.2 PSF

TEST LOADS
+22.7 PSF
-25.8 PSF

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #294112)

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

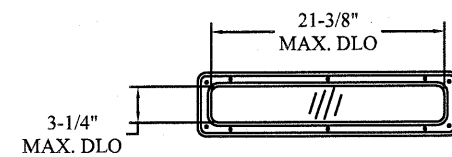
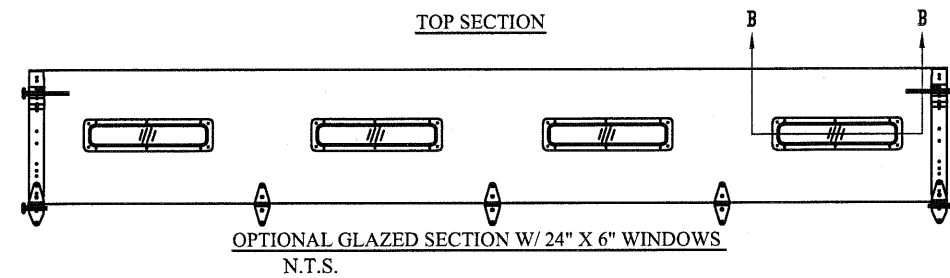
Amarr

MODEL 1000 AMARR 2432

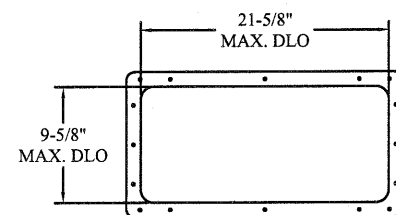
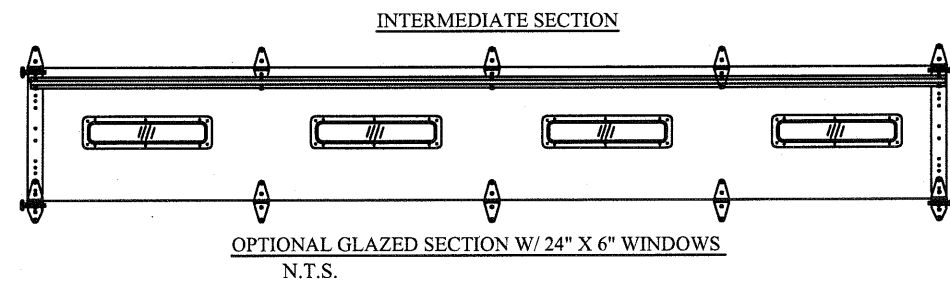
SIZE	DRAWN BY	RLR	DATE	5/25/17	DRAWING NUMBER IBC-1014-104-15
B	CHECKED BY	RLR	DATE	5/25/17	

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

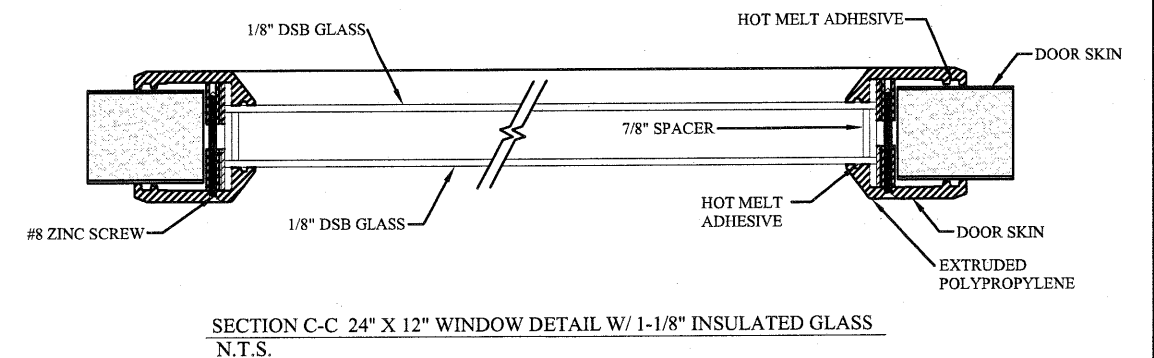
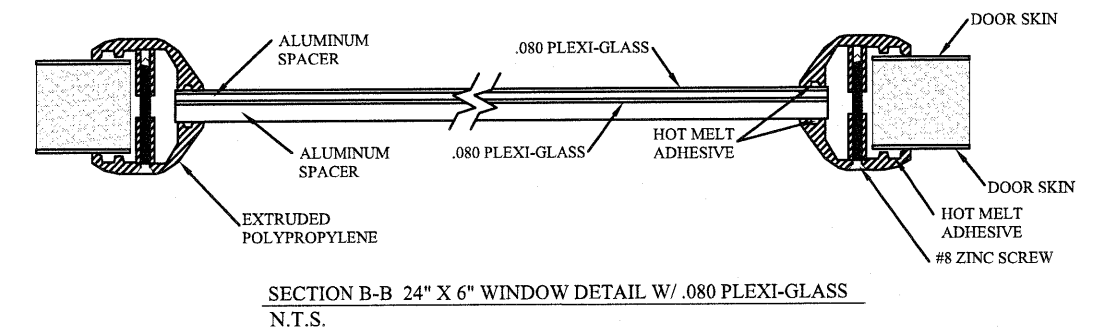
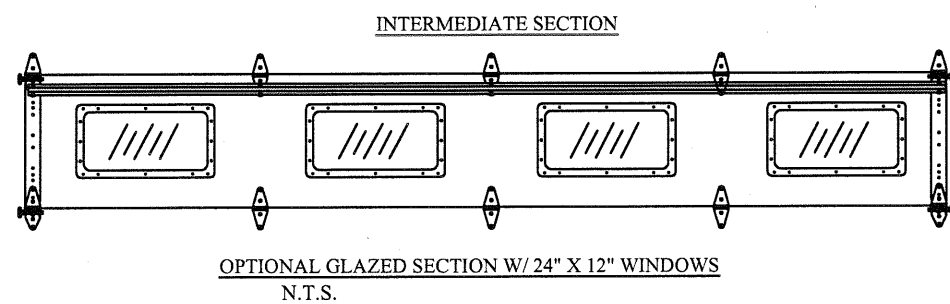
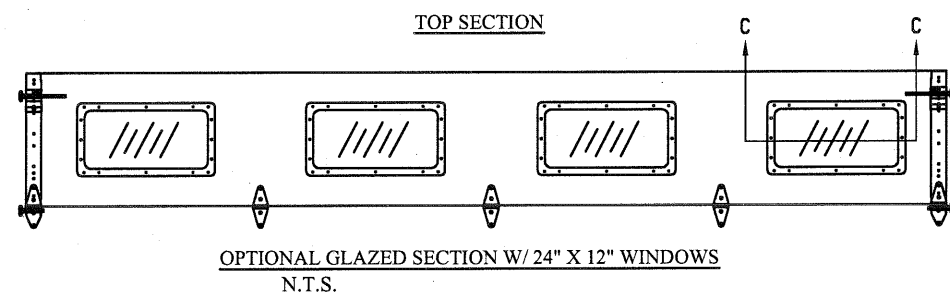
SHEET 1 OF 4



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



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



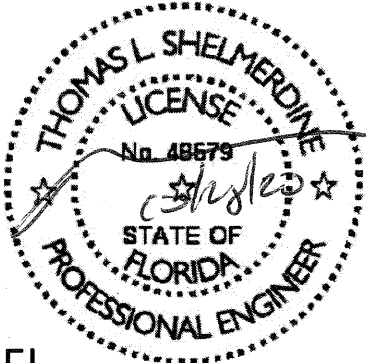
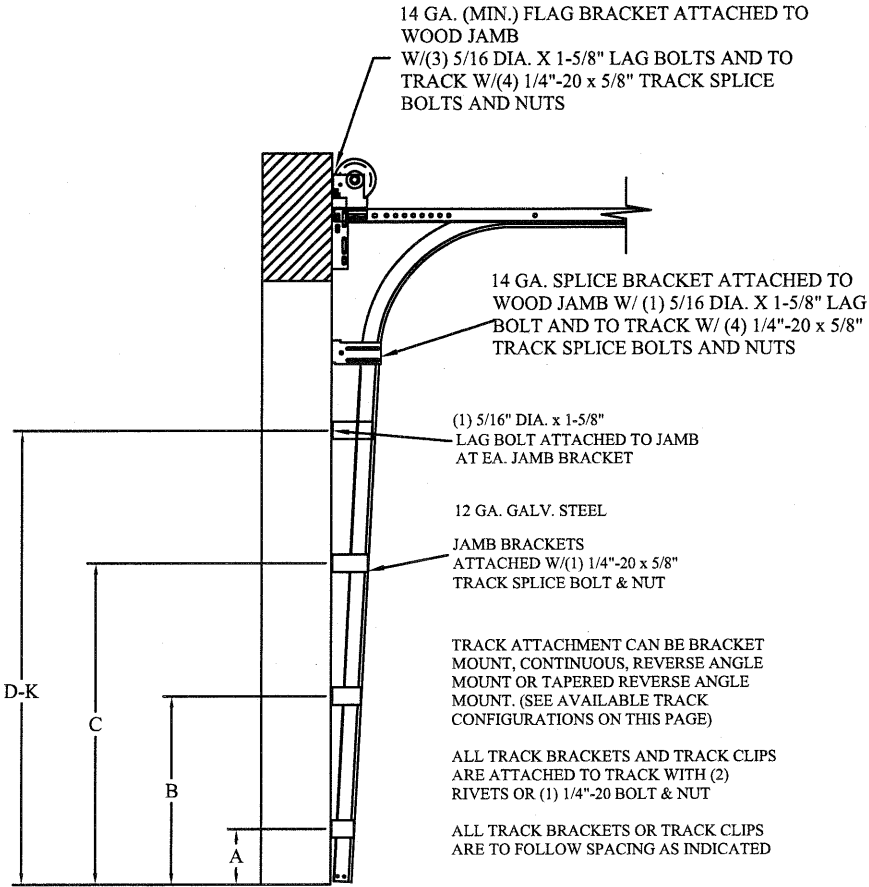
REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 14'2 x 24' DESIGN LOADS +15.1 PSF -17.2 PSF TEST LOADS +22.7 PSF -25.8 PSF		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL  dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410	
			
MODEL 1000 AMARR 2432			
SIZE	DRAWN BY	RLR	DATE 5/25/17
B	CHECKED BY	RLR	DATE 5/25/17
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			DRAWING NUMBER IBC-1014-104-15 SHEET 3 OF 4

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)
6'	0"	36"	-	-	17.8	20.3
6'	2"	37"	-	-	17.3	19.7
6'	4"	38"	-	-	16.8	19.2
6'	6"	39"	-	-	16.4	18.7
6'	8"	40"	-	-	16.0	18.2
6'	10"	41"	-	-	15.6	17.8
7'	0"	42"	-	-	15.2	17.4
7'	2"	43"	-	-	14.9	17.0
7'	4"	44"	-	-	14.5	16.6
7'	6"	45"	-	-	14.2	16.2
7'	8"	46"	-	-	13.9	15.8
7'	10"	47"	-	-	13.6	15.5
8'	0"	48"	-	-	13.3	15.2
8'	2"	49"	-	-	13.0	14.9
8'	4"	50"	-	-	12.8	14.6
8'	6"	51"	-	-	12.5	14.3
8'	8"	52"	-	-	12.3	14.0
8'	10"	53"	-	-	12.1	13.7
9'	0"	54"	-	-	11.8	13.5
9'	2"	55"	-	-	11.6	13.2
9'	4"	36"	76"	-	16.8	19.1
9'	6"	37"	77"	-	16.5	18.8
9'	8"	38"	78"	-	16.3	18.6
9'	10"	39"	79"	-	16.1	18.4
10'	0"	40"	80"	-	15.9	18.1
10'	2"	41"	81"	-	15.7	17.9
10'	4"	42"	82"	-	15.5	17.7
10'	6"	43"	83"	-	15.3	17.5
10'	8"	44"	84"	-	15.2	17.3
10'	10"	45"	85"	-	15.0	17.1
11'	0"	46"	86"	-	14.8	16.9
11'	2"	47"	87"	-	14.6	16.7
11'	4"	48"	88"	-	14.5	16.5
11'	6"	49"	89"	-	14.3	16.3
11'	8"	50"	90"	-	14.1	16.1
11'	10"	51"	91"	-	14.0	15.9
12'	0"	48"	96"	-	13.3	15.1
12'	2"	49"	97"	-	13.1	14.9
12'	4"	50"	98"	-	13.0	14.8
12'	6"	51"	99"	-	12.8	14.6
12'	8"	52"	100"	-	12.7	14.5
12'	10"	53"	101"	-	12.6	14.4
13'	0"	36"	78"	120"	15.2	17.3
13'	2"	37"	79"	121"	15.2	17.3
13'	4"	38"	80"	122"	15.2	17.3
13'	6"	39"	81"	123"	15.2	17.3
13'	8"	40"	82"	124"	15.2	17.3
13'	10"	41"	83"	125"	15.2	17.3
14'	0"	42"	84"	126"	15.2	17.3
14'	2"	43"	85"	127"	15.1	17.2

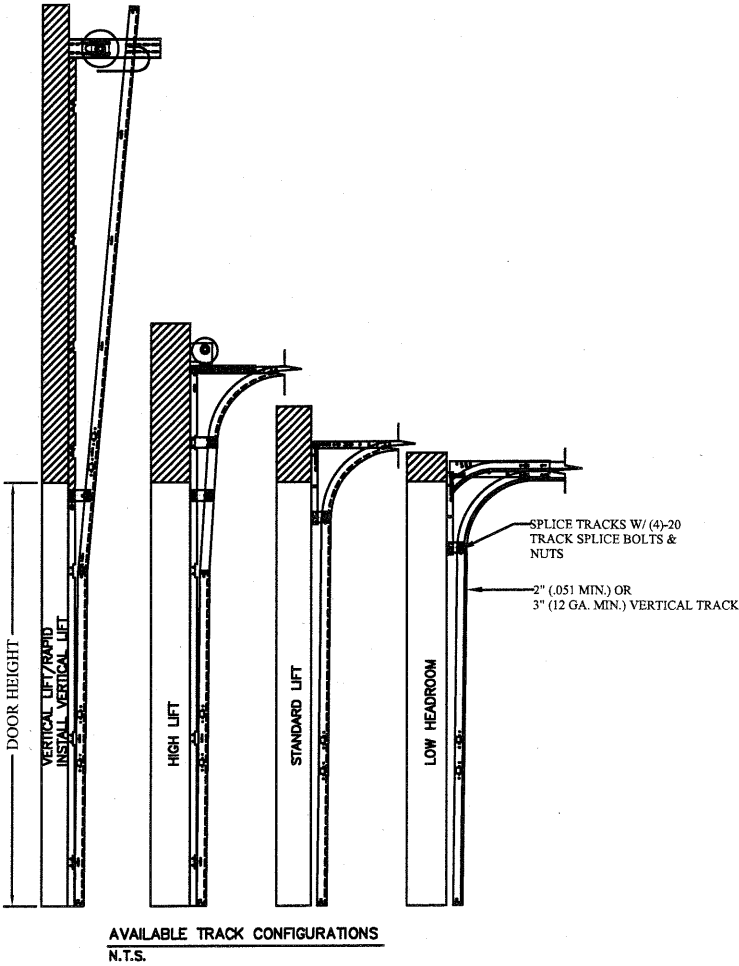


TRACK CONFIGURATION FOR UP TO 24' TALL DOORS
SEE TABLE 2

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

MAX SIZE
14'2 x 24'

DESIGN LOADS
+15.1 PSF
-17.2 PSF

TEST LOADS
+22.7 PSF
-25.8 PSF

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Amarr

MODEL 1000 AMARR 2432

SIZE

DRAWN BY RLR

DATE 5/25/17

DRAWING NUMBER

B

CHECKED BY RLR

DATE 5/25/17

IBC-1014-104-15

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

SHEET 4 OF 4