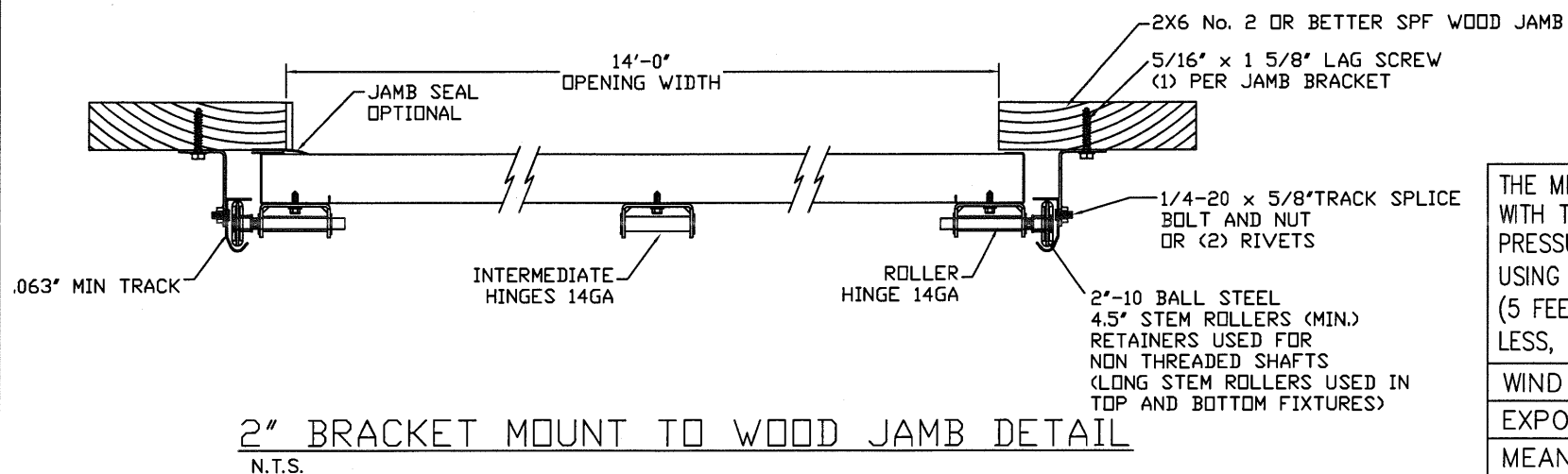


DOOR INTERIOR ELEVATION
N.T.S.



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 7-98/02/05 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN END ZONE, ROOF SLOPE 10° OR LESS, AND I=1.0):

WIND SPEED (MPH)	130	118	112	107	103
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 +23.5 PSF -26.7 PSF

TEST LOADS +35.3 PSF -40.1 PSF

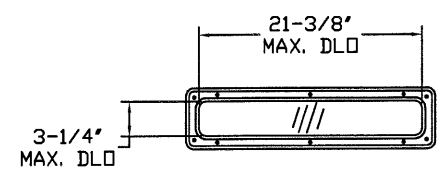
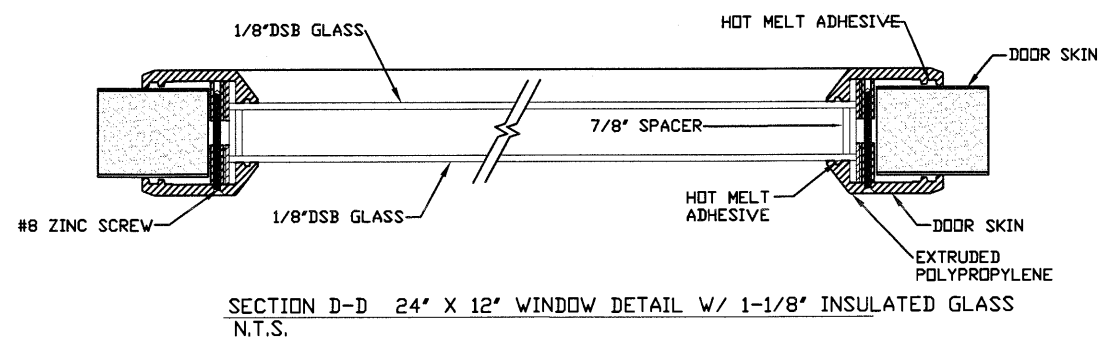
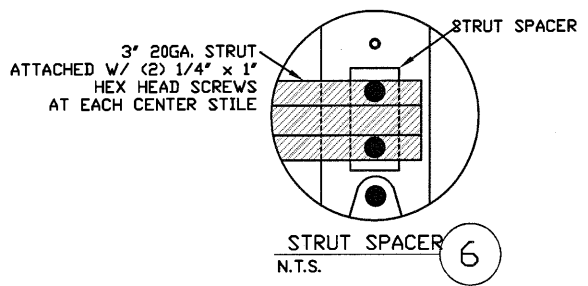
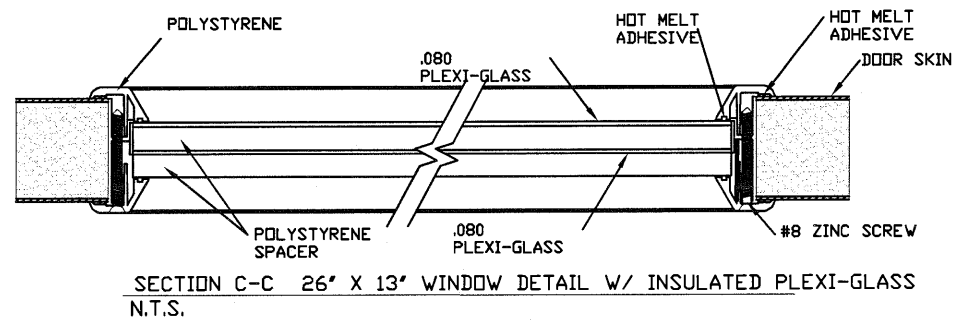
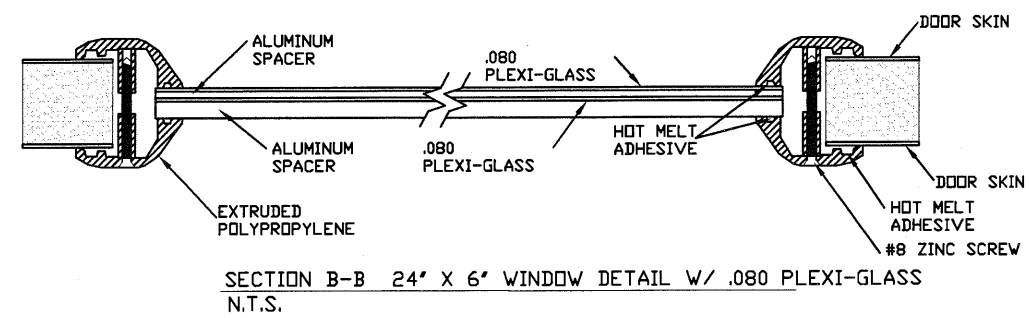
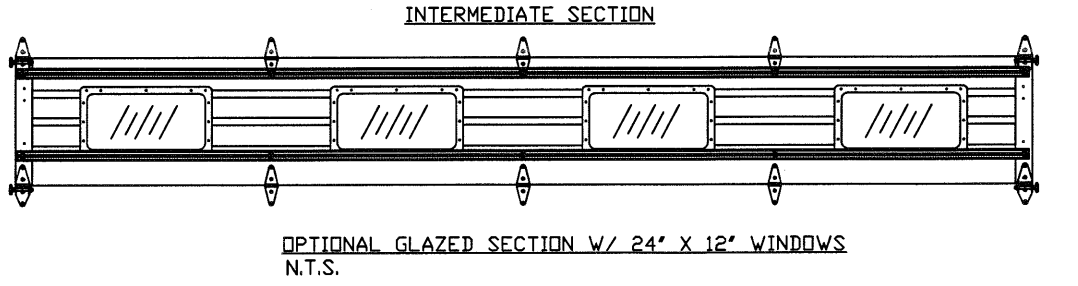
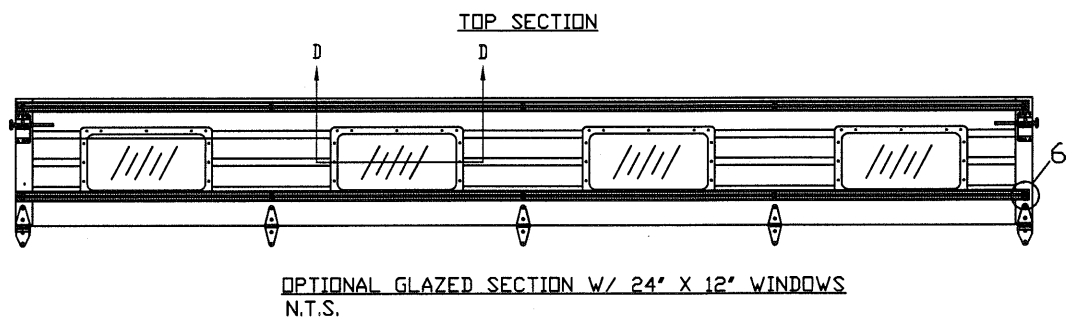
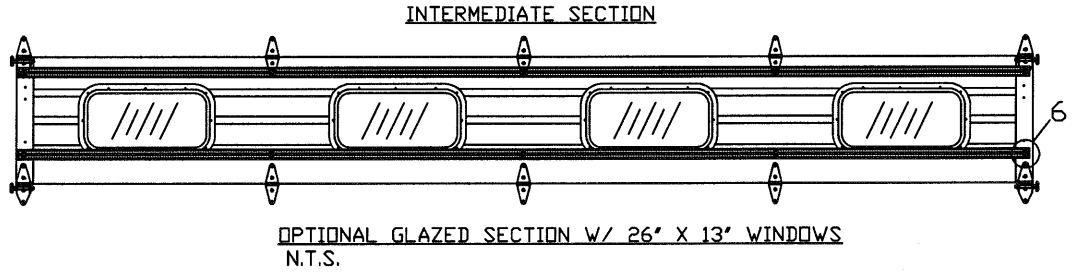
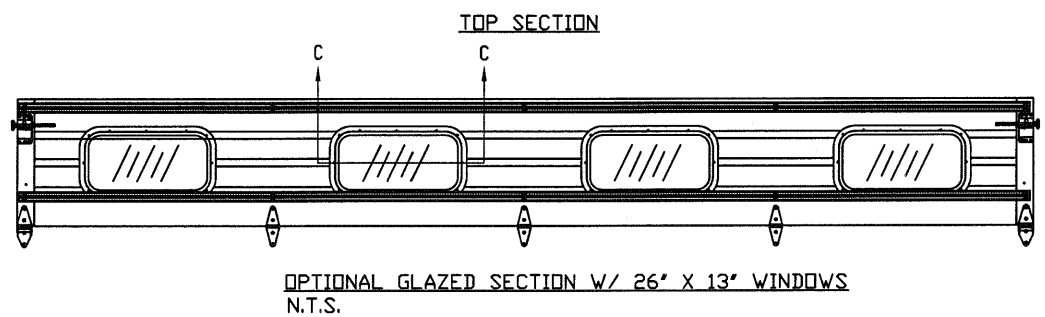
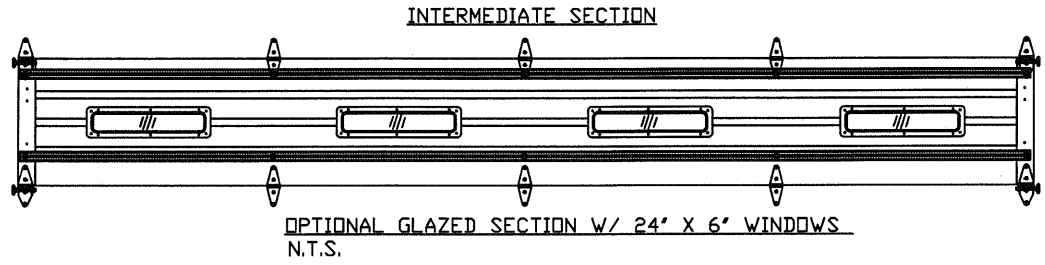
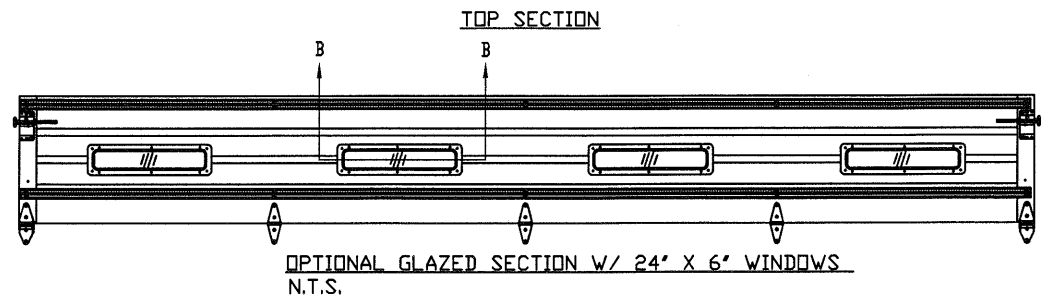
Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)

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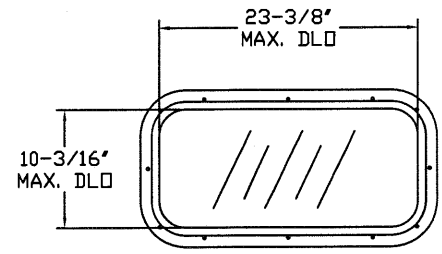
5921-G W. Friendly Ave., Greensboro, NC 27410

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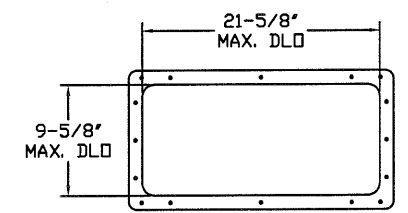
MODEL 1350 AMARR 2741 (27GA)	MODEL 2700 AMARR 2742 (27GA)	MODEL 2720 AMARR 2042 (20GA)
SIZE B	DRAWN BY DC DATE 3/13/18	DRAWING NUMBER IBC-1314-130-15
	CHECKED BY RLR DATE 3/15/18	
ENTREMATIc 165 CARRIAGE COURT WINSTON-SALEM, NC 27105		SHEET 1 OF 4



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



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



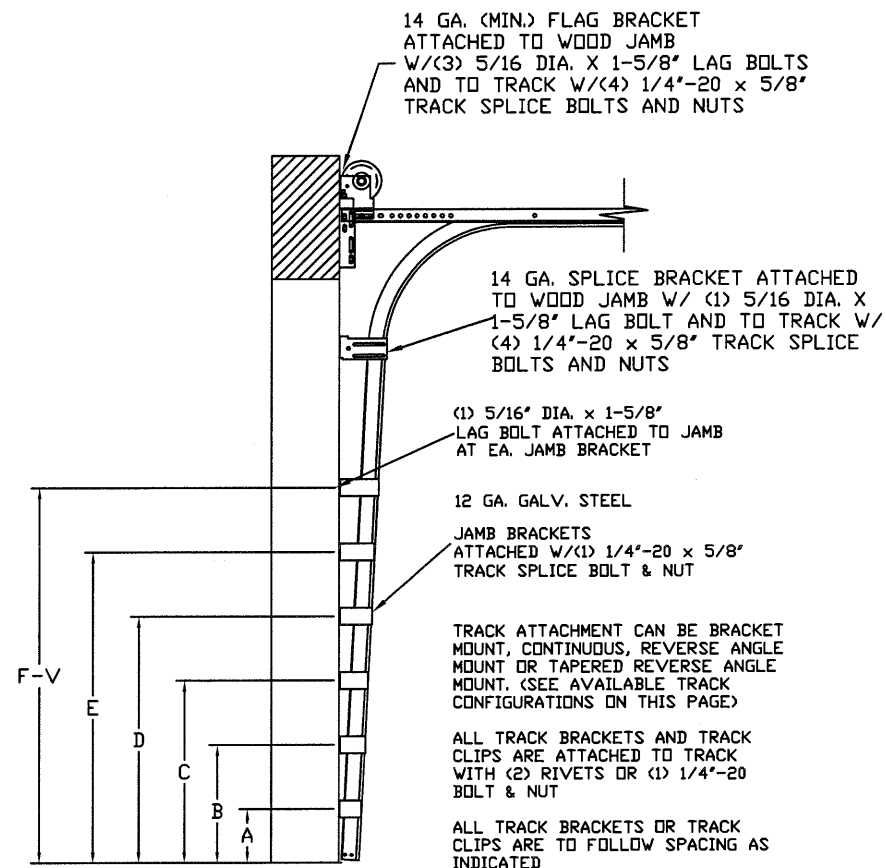
24' X 12' DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY	
	MAX SIZE 14'2" x 24'			
	DESIGN LOADS +23.5 PSF -26.7 PSF			
	TEST LOADS +35.3 PSF -40.1 PSF			
	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 8px; margin-right: 5px;"> Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063) </div> <div style="text-align: center;"> <p>TX</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 8px; margin-left: 5px;"> 5921-G W. Friendly Ave., Greensboro, NC 27410 </div> </div>			
	MODEL 1350 AMARR 2741 (27GA) MODEL 2700 AMARR 2742 (27GA) MODEL 2720 AMARR 2042 (20GA)			
	SIZE B	DRAWN BY DC CHECKED BY RLR	DATE 3/13/18 DATE 3/15/18	DRAWING NUMBER IBC-1314-130-15
	ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			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"	-	27.7	31.5
6'	2"	37"	-	26.9	30.6
6'	4"	38"	-	26.2	29.8
6'	6"	39"	-	25.6	29.0
6'	8"	40"	-	24.9	28.3
6'	10"	41"	-	24.3	27.6
7'	0"	42"	-	23.7	27.0
9'	4"	36"	76"	26.1	29.7
9'	6"	37"	77"	25.8	29.3
9'	8"	38"	78"	25.4	28.9
9'	10"	39"	79"	25.1	28.5
10'	0"	40"	80"	24.8	28.2
10'	2"	41"	81"	24.5	27.8
10'	4"	42"	82"	24.2	27.5
10'	6"	43"	83"	23.9	27.2
10'	8"	44"	84"	23.6	26.8
13'	0"	36"	78"	23.6	26.8
13'	2"	37"	79"	23.6	26.8
13'	4"	38"	80"	23.6	26.8
13'	6"	39"	81"	23.6	26.8
13'	8"	40"	82"	23.6	26.8
13'	10"	41"	83"	23.6	26.8
14'	0"	42"	84"	23.6	26.8
14'	2"	43"	85"	23.5	26.7

* CONTACT ENGINEERING FOR SIZES 7'2" THROUGH 9'2" & 10'10" THROUGH 12'10"



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

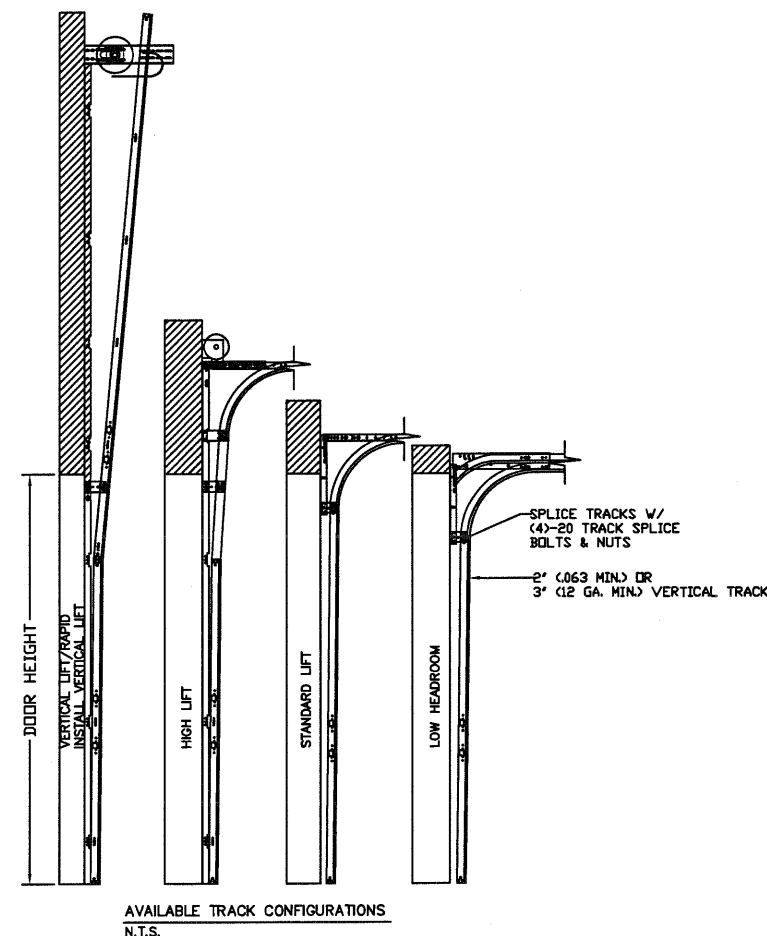


TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT																				TYPICAL SPLICE		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T		U	V
7'	0"	10"	22"	34"	46"	58"																	76"
7'	6"	10"	22"	34"	46"	58"	70"																82"
8'	0"	10"	22"	34"	46"	58"	70"																88"
8'	6"	10"	22"	34"	46"	58"	70"	82"															94"
9'	0"	10"	22"	34"	46"	58"	70"	82"	94"														100"
9'	6"	10"	22"	34"	46"	58"	70"	82"	94"														106"
10'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"													112"
11'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"												124"
12'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"											136"
13'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"										148"
14'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"									160"
15'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"								172"
16'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"							184"
17'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"						196"
18'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"					208"
19'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"				220"
20'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"			232"
21'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"		244"
22'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	256"
23'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	268"
24'	0"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	280"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY
AMARR MODEL 1350 ONLY AVAILABLE UP TO 14'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
14'2" x 24'

DESIGN LOADS
+23.5 PSF
-26.7 PSF

TEST LOADS
+35.3 PSF
-40.1 PSF

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