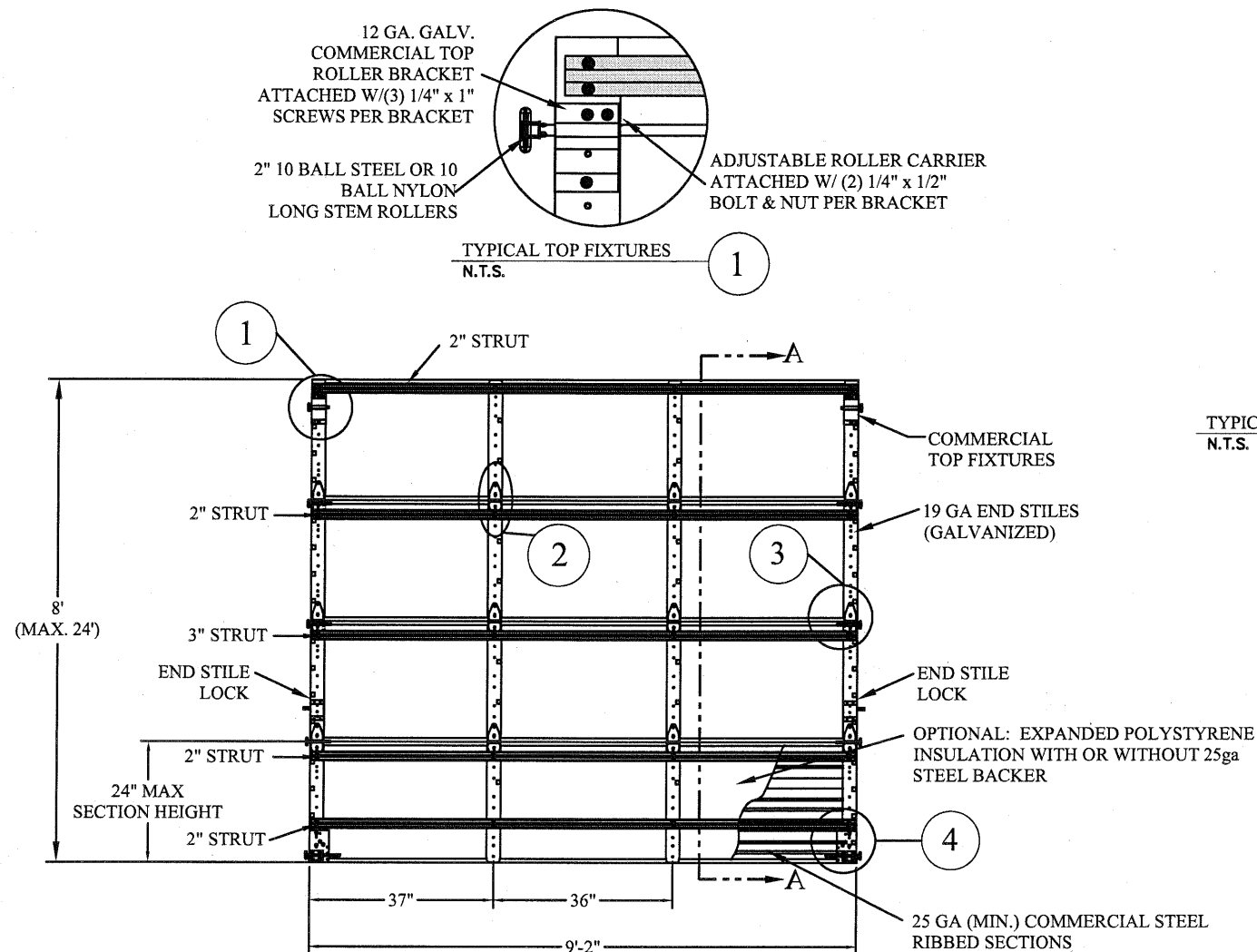
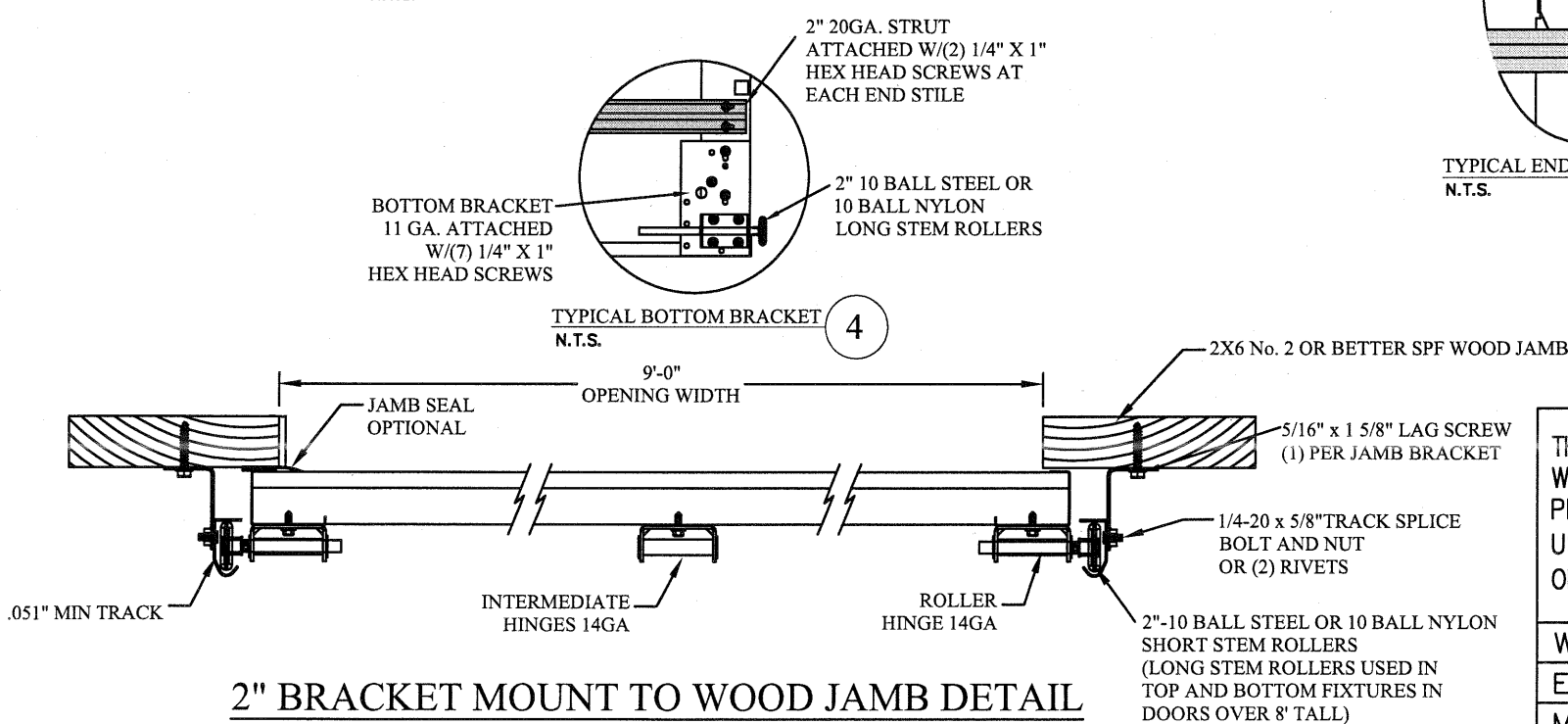
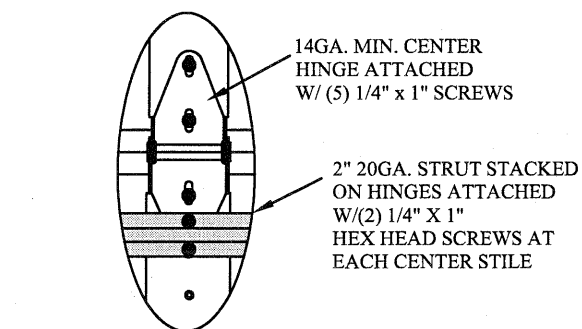




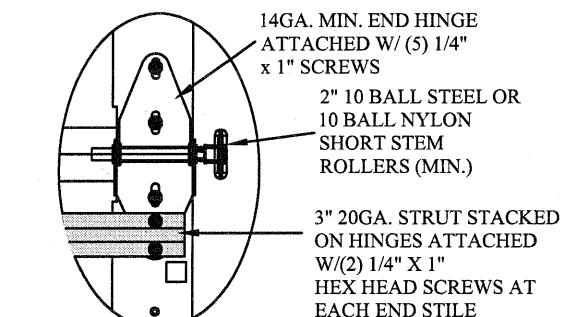
DOOR INTERIOR ELEVATION
N.T.S.



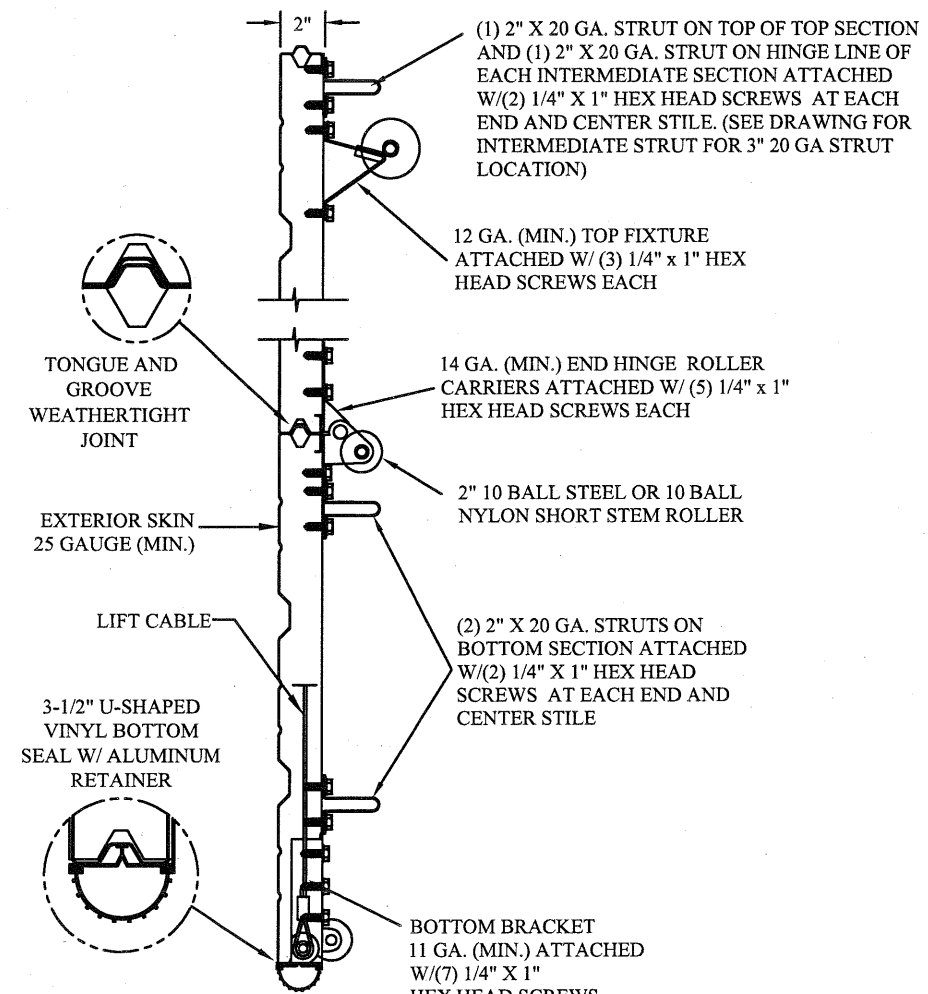
2" BRACKET MOUNT TO WOOD JAMB DETAIL



TYPICAL CENTER HINGE
N.T.S.



TYPICAL END HINGE
N.T.S.



SECTION A-A (SIDE VIEW)
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)	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
9'2" x 24'

DESIGN LOADS
+24.3 PSF
-28.4 PSF

TEST LOADS
+36.5 PSF
-42.6 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 2500 AMARR 2502, 2512 MODEL 2400 AMARR 2402, 2412, 2422 MODEL 2000 AMARR 2002, 2012, 2022			
SIZE	DRAWN BY	RS	DATE
B	CHECKED BY	RLR	DATE
			1/22/15
			1/22/15
DRAWING NUMBER			IBC-2509-130-15

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SHEET 1 OF 4

ITW BUILDDEX 1/4"-14 X 3/4"
SELF-TAPPING SCREWS
(TEKS)

12 GA. OR 3/16" STEEL
(SEE BELOW)

1/8" NOM X 1" LONG
FILLET WELD (E60xx
ELECTRODES MIN.)

1/4" LONG TACK WELD
SAME SPACING AS
FILLET WELD

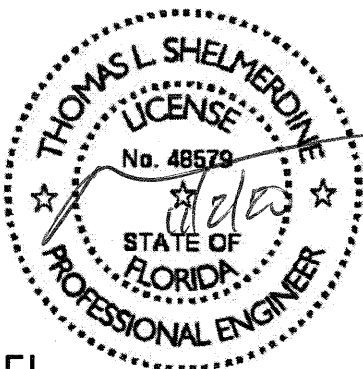
(1)

Figure 1 consists of two cross-sectional diagrams. The top diagram, labeled 'CONCRETE STRUCTURE', shows a vertical reinforcement bar passing through a horizontal section. The bottom diagram, labeled 'GROUTED BLOCK STRUCTURE', shows a horizontal section with a dimension of 4 inches indicated below it.

Diagram illustrating the design loads and interior width of a garage section:

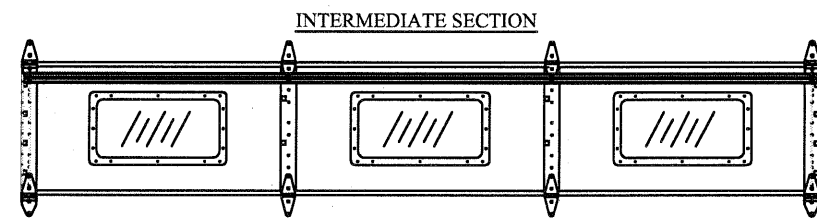
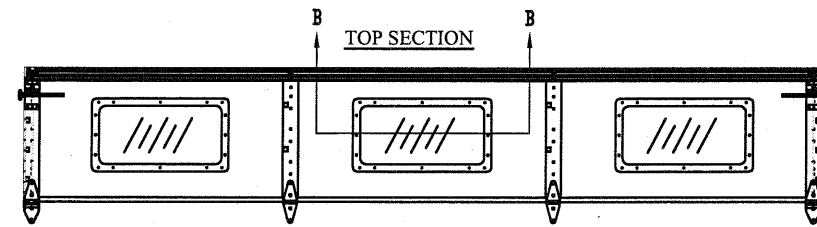
- INTERIOR OF GARAGE MAX. WIDTH 9'2"**
- DESIGN LOADS**
 - +111.4 LBS/FT
 - 130.2 LBS/FT
- SEE NOTE 2**

REV	DESCRIPTION OF REVISIONS	DATE	BY

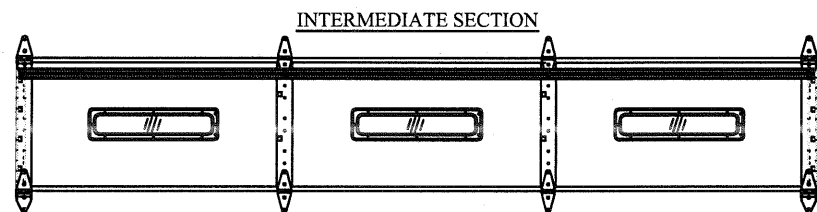
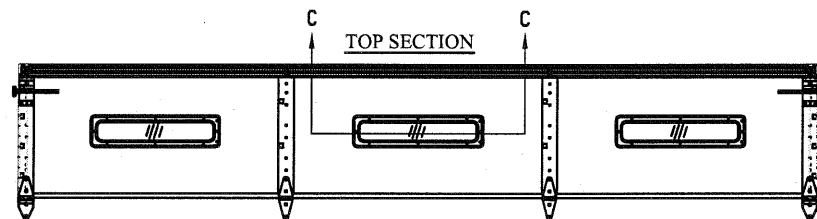
MAX SIZE 9'2" x 24' DESIGN LOADS +24.3 PSF -28.4 PSF TEST LOADS +36.5 PSF -42.6 PSF	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412)	 FL	dba Structural Solutions of North Carolina, Inc. 59221-G W. Friendly Ave., Greensboro, NC 27410
			

MODEL 2500 AMARR 2502, 2512 MODEL 2400 AMARR 2402, 2412, 2422 MODEL 2000 AMARR 2002, 2012, 2022			
SIZE	DRAWN BY	RS	DATE 1/22/15
B	CHECKED BY	RLR	DATE 1/22/15
			DRAWING NUMBER
			IBC-2509-130-15

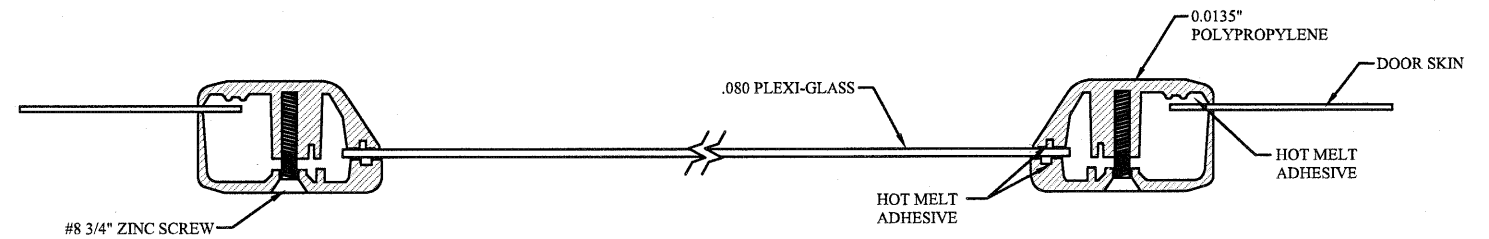
ENTREMATIC		SHEET 2 OF 4
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105		



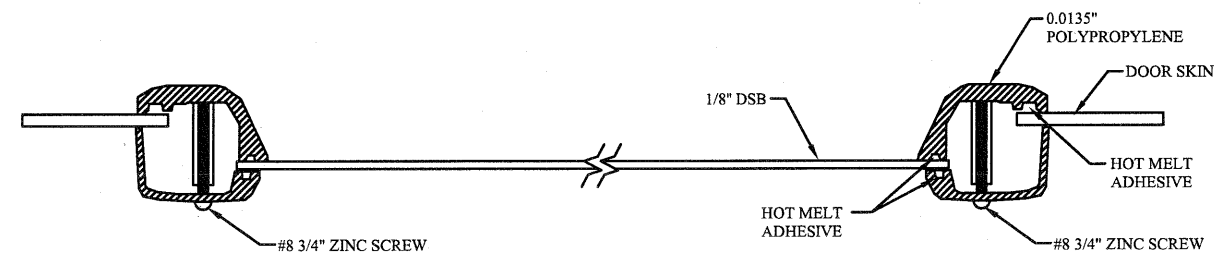
OPTIONAL GLAZED SECTION W/ 24" X 12" WINDOWS AND STRUT LAYOUT
N.T.S.



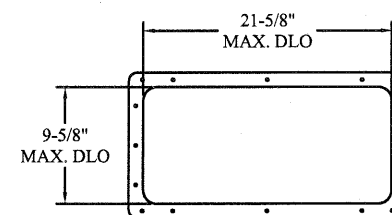
OPTIONAL GLAZED SECTION W/ 24" X 6" WINDOWS AND STRUT LAYOUT
N.T.S.



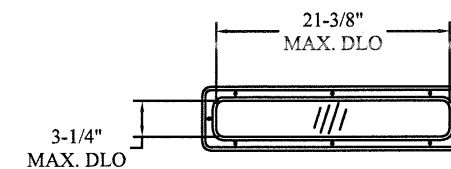
SECTION B-B 24" X 12" WINDOW DETAIL W/ .080 PLEXI-GLASS
N.T.S.



SECTION C-C 24" X 6" WINDOW DETAIL W/ 1/8 DSB GLASS
N.T.S. (ALSO AVAILABLE WITH .080" PLEXI-GLASS)

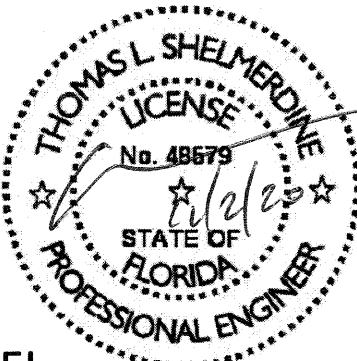


24" X 12" DAY LIGHT OPENING AND FASTENER DETAIL
N.T.S.



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

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 9'2 x 24' DESIGN LOADS +24.3 PSF -28.4 PSF TEST LOADS +36.5 PSF -42.6 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
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Amarr

MODEL 2500	AMARR 2502,	2512
MODEL 2400	AMARR 2402,	2412, 2422
MODEL 2000	AMARR 2002,	2012, 2022

SIZE	DRAWN BY	RS	DATE	1/22/15	DRAWING NUMBER IBC-2509-130-15
B	CHECKED BY	RLR	DATE	1/22/15	

ENTREMATIC
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SHEET 3 OF 4

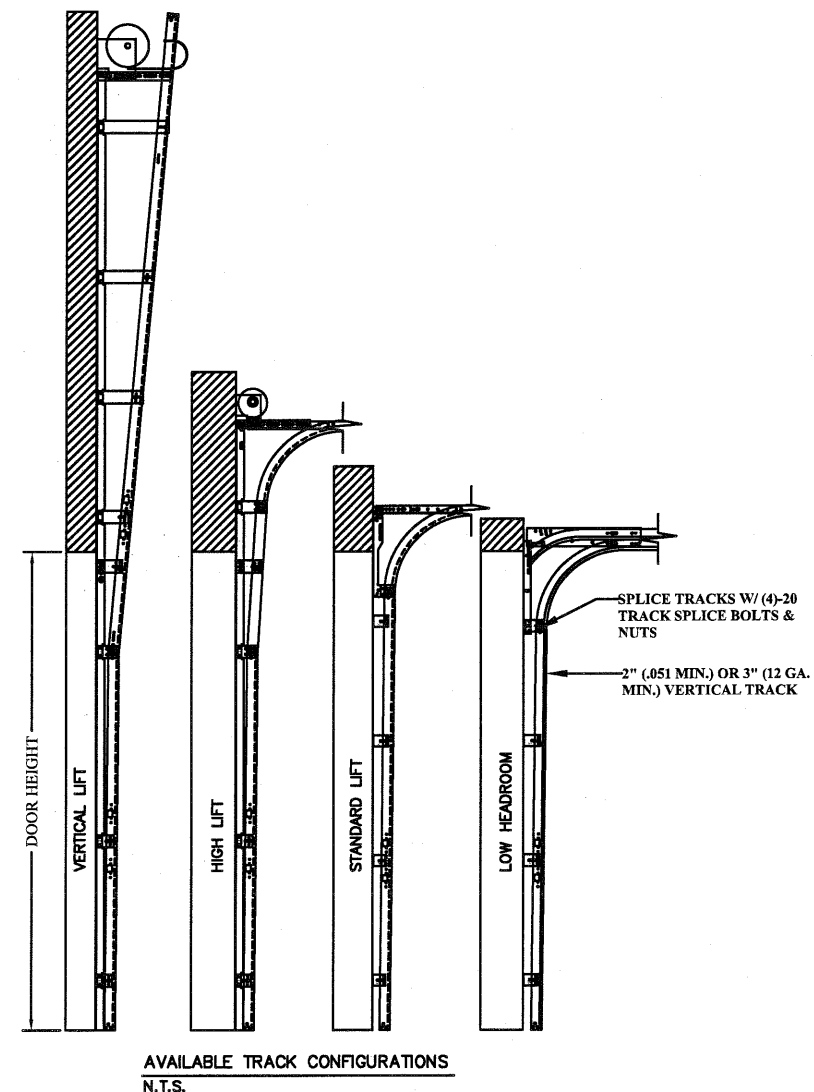
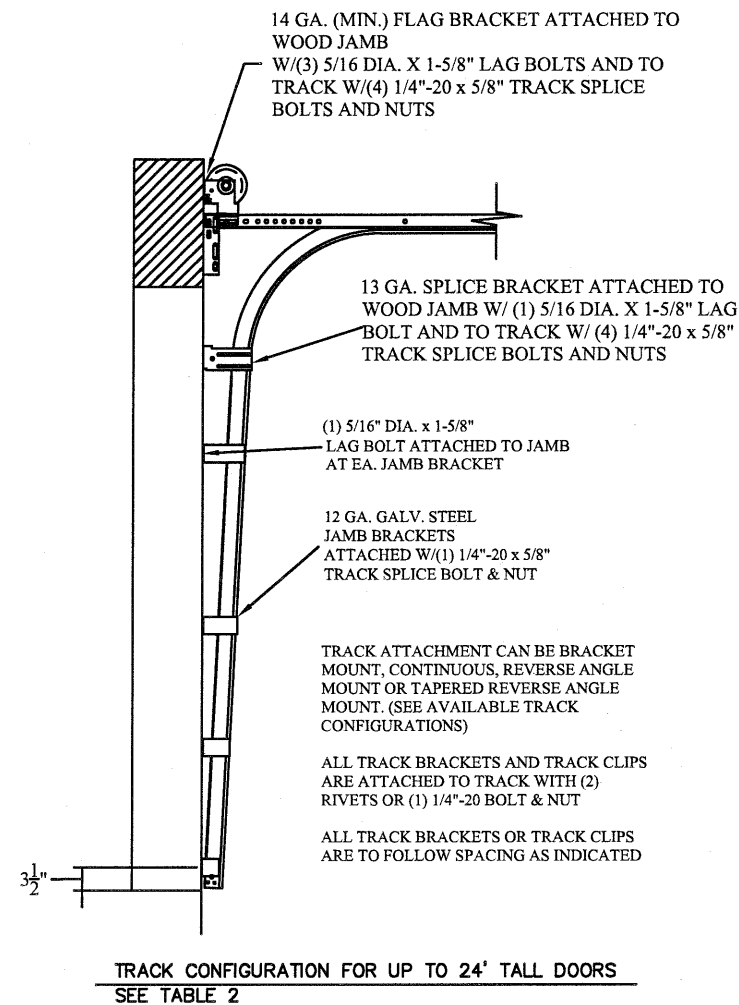


TABLE 1

Section	Center Stile		Max Design Loads Allowed	
Width (ft)	1st (in)		Positive (PSF)	Negative (PSF)
6'0	36"		24.6	28.7
6'2	37"		23.9	28.0
6'4	23"	53"	33.4	39.1
6'6	24"	54"	32.8	38.3
6'8	25"	55"	32.2	37.6
6'10	26"	56"	31.6	37.0
7'0	27"	57"	31.1	36.3
7'2	28"	58"	30.5	35.7
7'4	27"	61"	29.0	33.9
7'6	28"	62"	28.6	33.4
7'8	29"	63"	28.1	32.9
7'10	30"	64"	27.7	32.3
8'0	31"	65"	27.2	31.8
8'2	32"	66"	26.8	31.4
8'4	32"	68"	26.0	30.4
8'6	33"	69"	25.7	30.0
8'8	34"	70"	25.3	29.6
8'10	35"	71"	24.9	29.2
9'0	36"	72"	24.6	28.7
9'2	37"	73"	24.3	28.4

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.
AMARR MODEL 2500 ONLY AVAILABLE UP TO 14'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
9'2" x 24'

DESIGN LOADS
+24.3 PSF
-28.4 PSF

TEST LOADS
+36.5 PSF
-42.6 PSF

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MODEL 2500 AMARR 2502, 2512 MODEL 2400 AMARR 2402, 2412, 2422 MODEL 2000 AMARR 2002, 2012, 2022			
SIZE B	DRAWN BY RS	DATE 1/22/15	DRAWING NUMBER IBC-2509-130-15
CHECKED BY RLR	DATE 1/22/15	ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105	
SHEET 4 OF 4			