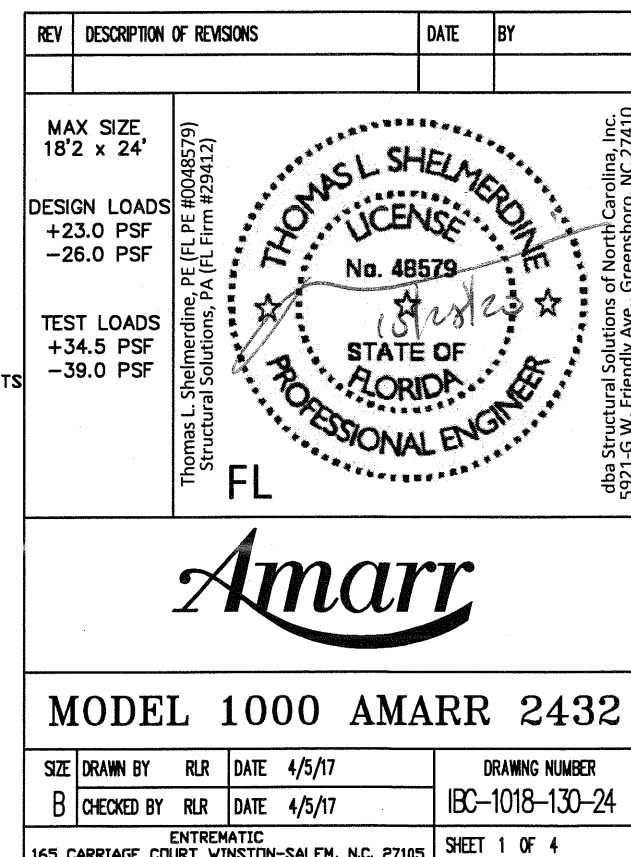




ITW BUILDTEX 1/4"-14
X 3/4" SELF-TAPPING
SCREWS (TEKS)

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

The diagram shows a cross-section of a fillet weld joint. Two plates are joined by a fillet weld. The weld is labeled with dimensions and electrode specifications. A tack weld is also shown, labeled with its length and spacing requirements. The weld is performed using E60xx electrodes.

2000 PSI MIN. CONCRETE

2-5/8" THICK WALL MIN. (1.5 x EMBEDMENT)

SIMPSON STRONG-TIE 3/8" Ø WEDGE-ALL EXPANSION ANCHOR WITH 7/8" Ø WASHER. 1-3/4" MIN. EMBEDMENT

3" MIN. EDGE DISTANCE

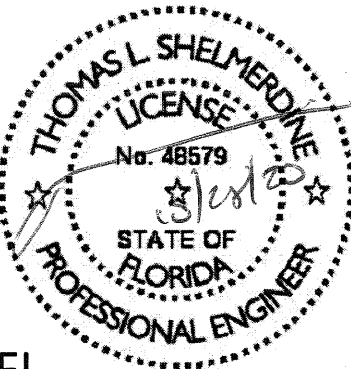
The top drawing shows a cross-section of a wood structure with a central vertical jamb. The jamb is labeled "2X6 JAMB TYP.". To the left, three horizontal lines indicate the "EMBEDMENT" of the jamb into the structure. Below the structure, a dimension line shows a minimum width of "1/2\" MIN".

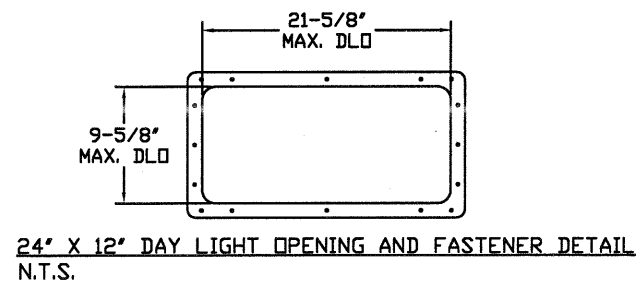
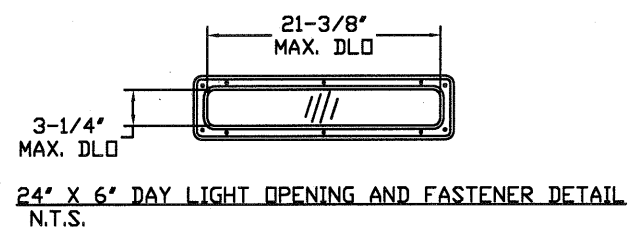
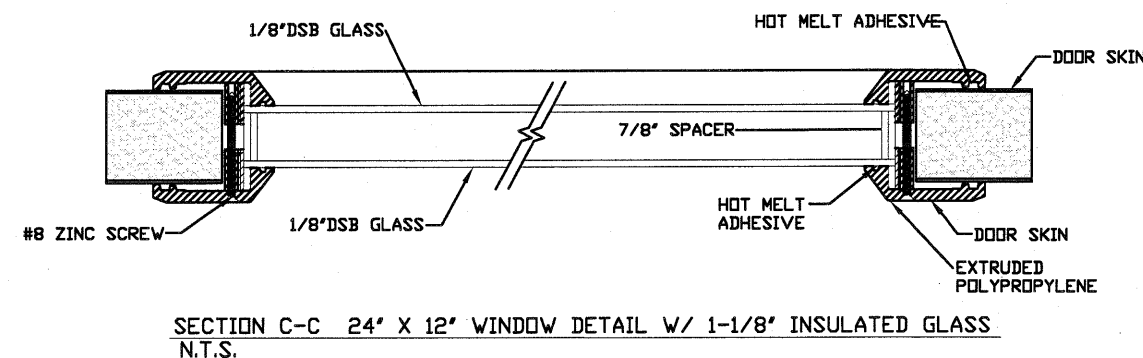
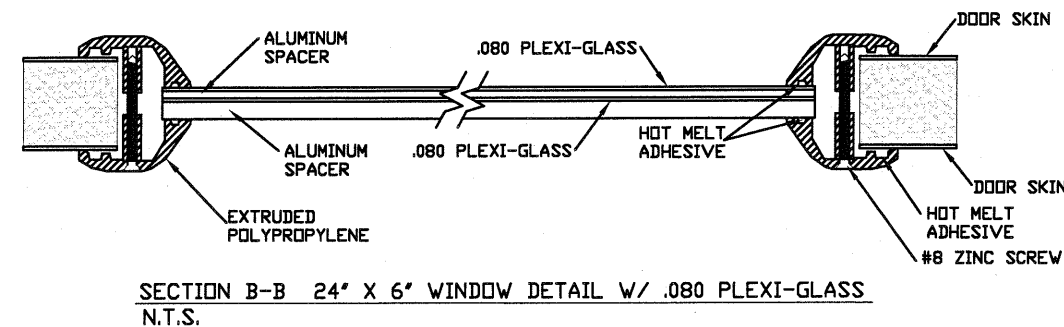
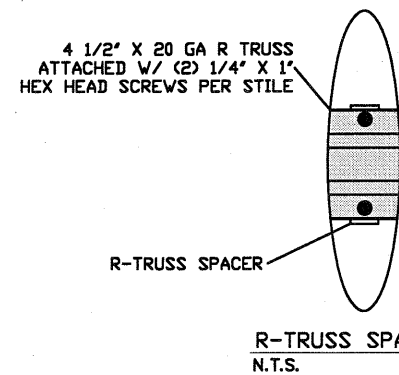
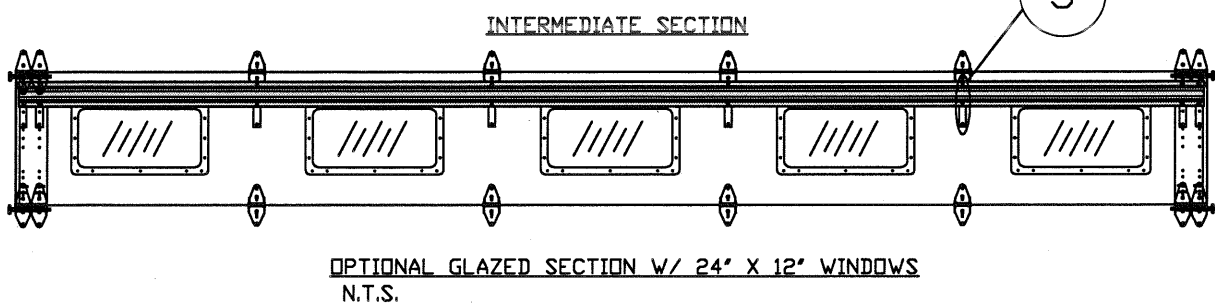
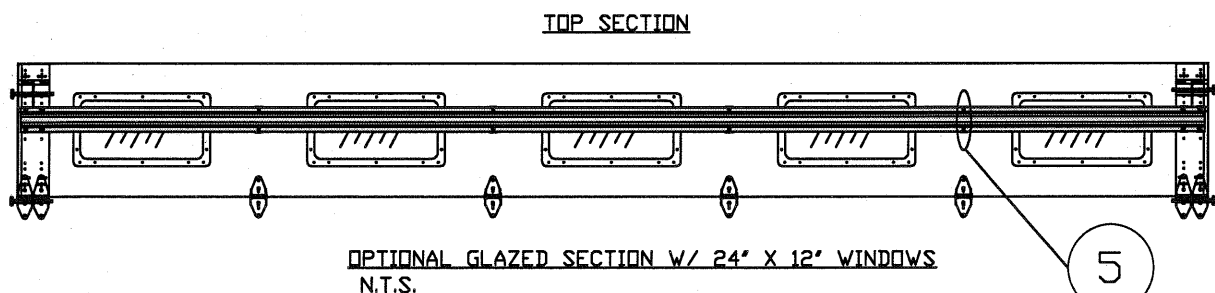
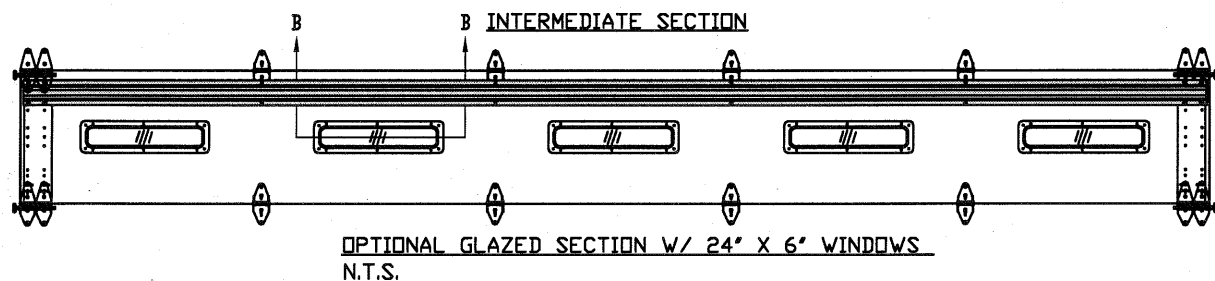
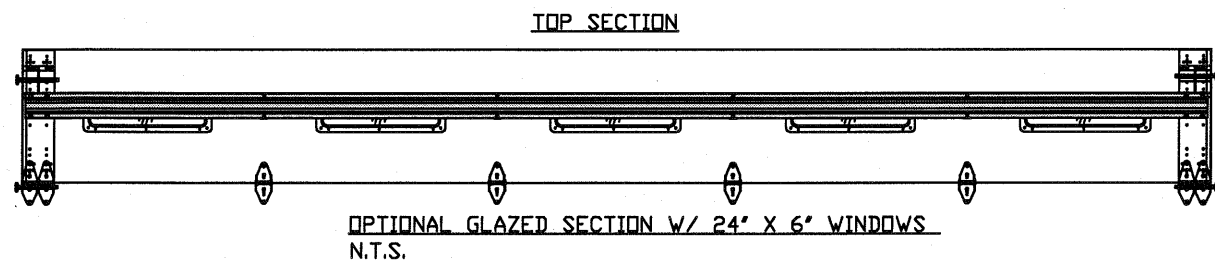
The bottom drawing shows a cross-section of a hollow block structure with two vertical jamba. Below the structure, two dimension lines are shown: one for the minimum width between the jamba, labeled "1-1/2\" MIN", and another for the minimum width of the block itself, labeled "3\" MIN".

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

- INTERIOR OF GARAGE**
- MAX. WIDTH 18'0"**
- DESIGN LOADS**
 - +208.9 LBS/FT
 - 236.2 LBS/FT
- SEE NOTE 2**

REVERSE ANGLE MOUNT

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 18'2" x 24' DESIGN LOADS +23.0 PSF -26.0 PSF TEST LOADS +34.5 PSF -39.0 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 4/5/17
B	CHECKED BY	RLR	DATE 4/5/17
ENTRENATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			DRAWING NUMBER IBC-1018-130-24
SHEET 2 OF 4			SHEET 2 OF 4



REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 18'2 x 24' DESIGN LOADS +23.0 PSF -26.0 PSF TEST LOADS +34.5 PSF -39.0 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
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Amarr

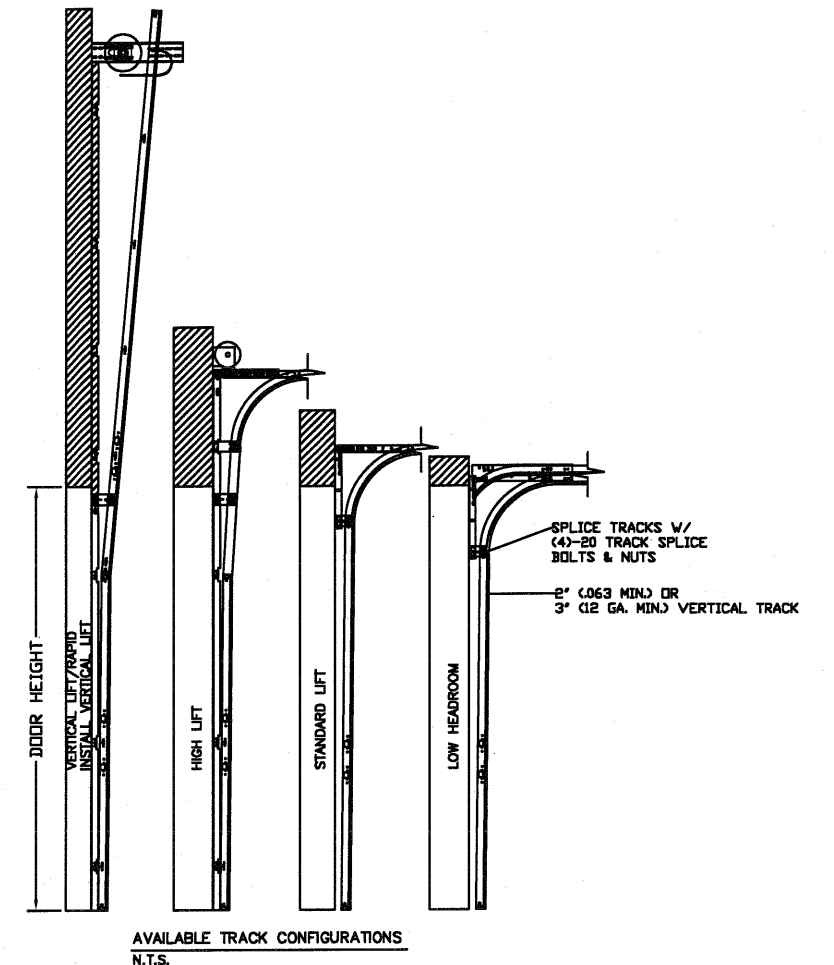
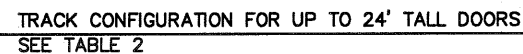
MODEL 1000 AMARR 2432

SIZE	DRAWN BY	RLR	DATE	4/5/17	DRAWING NUMBER IBC-1018-130-24
B	CHECKED BY	RLR	DATE	4/5/17	

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

SHEET 3 OF 4

Section Width		Center Stile Locations (Measured from Left Edge)				Max Design Loads Allowed	
(ft)	(in)	1st (in)	2nd (in)	3rd (in)	4th (in)	Positive (PSF)	Negative (PSF)
16'	4	50	98	146		20.5	23.2
16'	6	51	99	147		20.3	22.9
16'	8	52	100	148		20.1	22.7
16'	10	53	101	149		19.9	22.5
17'	0	39	81	123	165	23.9	27
17'	2	40	82	124	166	23.9	27
17'	4	41	83	125	167	23.9	27
17'	6	42	84	126	168	23.8	26.9
17'	8	43	85	127	169	23.6	26.7
17'	10	44	86	128	170	23.4	26.4
18'	0	43.5	86.5	129.5	172.5	23.2	26.2
18'	2	44.5	87.5	130.5	173.5	23.0	26.0



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"	10.0"	22.0"	34"	46"	58"																		76"
7'	6"	10.0"	22.0"	34"	46"	58"	70"																	82"
8'	0"	10.0"	22.0"	34"	46"	58"	70"																	88"
8'	6"	10.0"	22.0"	34"	46"	58"	70"	82"																94"
9'	0"	10.0"	22.0"	34"	46"	58"	70"	82"																100"
9'	6"	10.0"	22.0"	34"	46"	58"	70"	82"	94"															106"
10'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"															112"
11'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"														124"
12'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"													136"
13'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"												148"
14'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"											160"
15'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"										172"
16'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"									184"
17'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"								196"
18'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"							208"
19'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"						220"
20'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"					232"
21'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"				244"
22'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"			256"
23'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"		268"
24'	0"	10.0"	22.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"	280"

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MAX SIZE 18'2" x 24' DESIGN LOADS +23.0 PSF -26.0 PSF TEST LOADS +34.5 PSF -39.0 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
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ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 4 OF 4