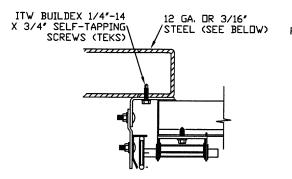


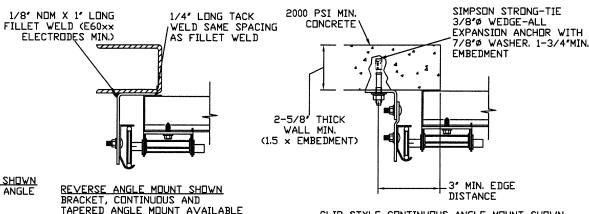
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



CLIP STYLE REVERSE ANGLE MOUNT SHOWN BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

12 GA. STEEL FRAMING
232 LBS./SCREW ALLOWABLE LOAD - 6'
FROM ENDS AND 18' D.C.
REFER TO NOTES: 1, 2 AND 5

3/16' STEEL FRAMING
569 LBS./SCREW ALLOWABLE LOAD - 6'
FROM ENDS AND 24' O.C.
REFER TO NOTES: 1, 2 AND 5



CLIP STYLE CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, REVERSE AND TAPERED ANGLE MOUNT
AVAILABLE

2000 PSI CONCRETE OR GREATER
351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD 6' FROM ENDS AND 24' O.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5

NOTES:

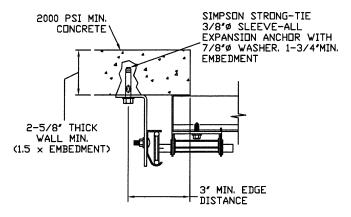
STEEL FRAMING 12GA OR BETTER

REFER TO NOTES: 1, 2, 5, 6, 7, 8

1590 LBS./IN. ALLOWABLE LOAD

6" FROM ENDS AND 24" D.C.

- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
- 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE, HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3. MIN, EGDE DISTANCE OF 3" REQUIRED.
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.
- 5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS IN ADDITION TO OTHER LOADS.
- 6. MOST GARAGE DOOR TRACK IS GALVANIZED STEEL. USE ALL NECESSARY PRECAUTIONS WHEN WELDING GALVANIZED STEEL.
- 7. ALL WELDS SHOULD BE PERFORMED BY A CERTIFIED WELDER OR INSPECTOR BY A CERTIFIED WELDING INSPECTOR TO VERIFY THE INTEGRITY OF THE WELD.
- 8. FILLET WELDS TO HAVE A STRAIGHT OR CONVEX FACE SURFACE.
- 9. TACK WELD TOE OF ANGLE AT SAME SPACING TO PREVENT ROTATION OF TRACK ANGLE.

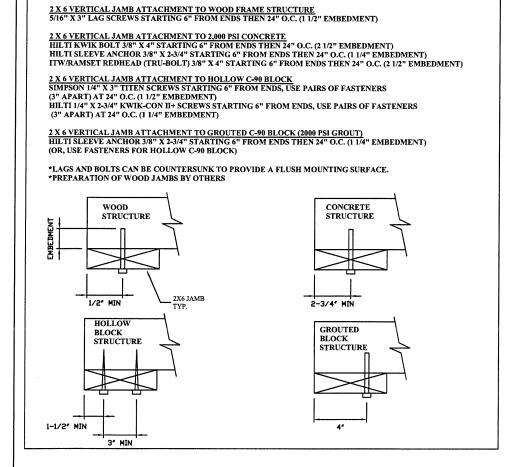


CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE
MOUNT AVAILABLE

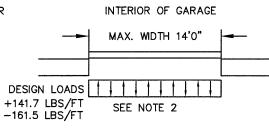
2000 PSI CONCRETE OR GREATER
336 LBS./EXPANSION ANCHOR ALLOWABLE
LOAD - 6' FROM ENDS AND 24' O.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5

SPECIFICATIONS AND NOTES

- 1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
- 2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +141.7 LBS/FT AND -161.5 LBS/FT
- DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- 4. DOOR SECTIONS SHALL BE 24 GA. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, GALVANIZATION W/ BAKED ON POLYESTER FINISH
- 5. DOORS UP TO 24' HIGH USE (2) 3" 20GA STRUTS ON EVERY INTERMEDIATE AND BOTTOM SECTION AND (1) 3" 20GA STRUT IN THE CENTER OF TOP SECTION.
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

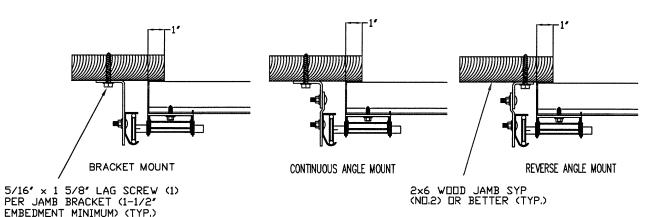


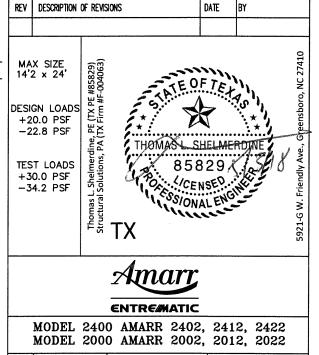
WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)



TRACK CONNECTION TO WOOD JAMB OPTIONS

FOR LAG SCREWS & BRACKET SPACING SEE PAGE 4 FOR TRACK CONFIGURATION DETAIL





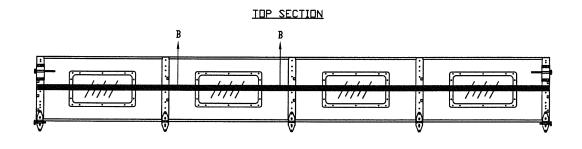
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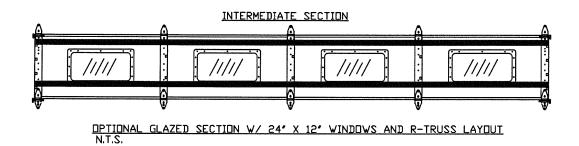
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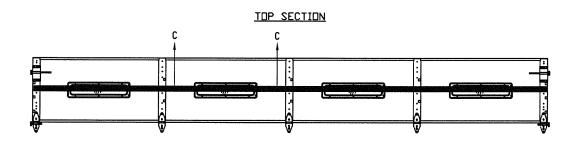
SIZE DRAWN BY DRD DATE 1/30/18

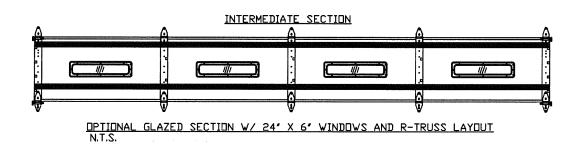
CHECKED BY RLR DATE 1/30/18

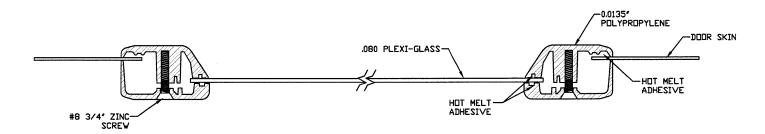
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 2 OF 4



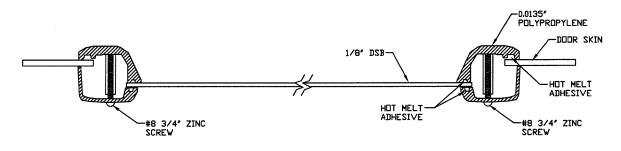




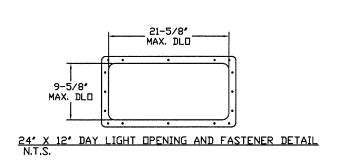


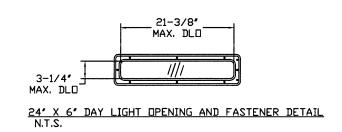


SECTION B-B 24' X 12' WINDOW DETAIL W/ .080 PLEXI-GLASS N.T.S.



SECTION C-C 24' X 6' WINDOW DETAIL W/ 1/8' DSB N.T.S. (ALSO AVAILABLE WITH .080' PLEXI-GLASS)





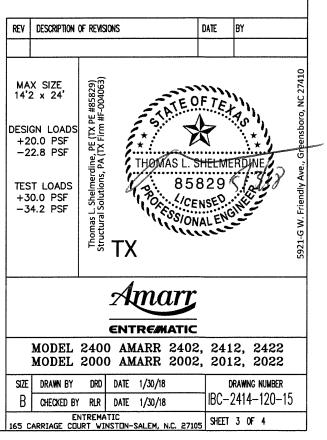
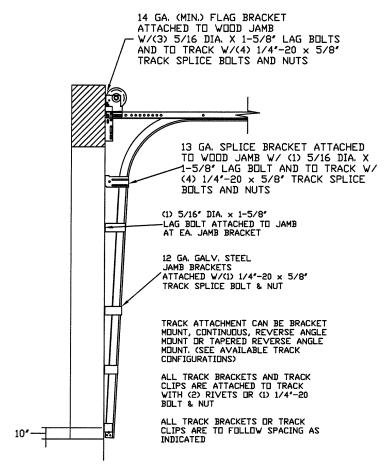


TABLE 1

IADLL I									
Section Width (ft)			r Stile Lo		Max Design Loads				
		(Mea	sured fro	m Left	Allowed				
		1st 2nd		3rd	Positive	Negitive			
		(in) (in)		(in)	(PSF)	(PSF)			
9'	4"	36"	76" -		22.2	25.3			
9'	6"	37"	77"	-	21.9	25.0			
9'	8"	38"	78"	-	21.6	24.7			
9'	10"	39"	79"	-	21.4	24.4			
10'	0"	40"	80"	-	21.1	24.1			
10'	2"	41"	81"	1	20.8	23.8			
10'	4"	42"	82"	-	20.6	23.5			
10'	6"	43"	83"	-	20.3	23.2			
10'	8"	44"	84"	-	20.1	22.9			
13'	0"	36"	78"	120"	20.1	22.9			
13'	2"	37"	79"	121"	20.1	22.9			
13'	4"	38"	80"	122"	20.1	22.9			
13'	6"	39"	81"	123"	20.1	22.9			
13'	8"	40"	82"	124"	20.1	22.9			
13'	10"	41"	83"	125"	20.1	22.9			
14'	0"	42"	84"	126"	20.1	22.9			
14'	2"	43"	85"	127"	20.0	22.8			

*FOR WIDTHS 10'-10" TO 12'-10" CONTACT ENGINEERING FOR STILE PLACEMENT

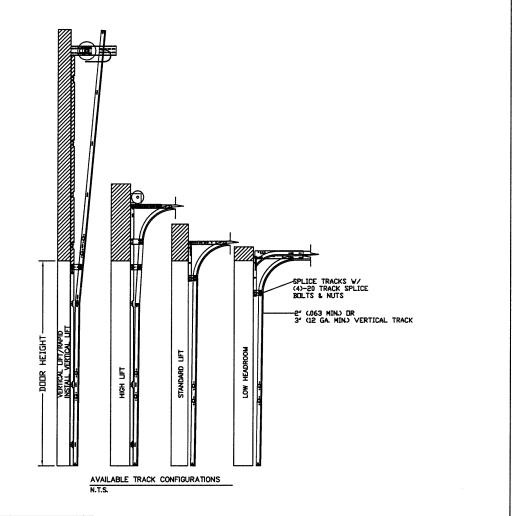


TRACK CONFIGURATION FOR UP TO 24' TALL DOORS
SEE TABLE 2

TABLE 2

DO	OR	TRACK ATTACHMENT											TYPICAL
HEI	GHT	Α	В	С	D	E	F	G	Н	1	J	K	SPLICE
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.



REV	REV DESCRIPTION OF REVISIONS						BY			
							\mathbb{L}^{-}			
14'2 DESIG +2' -2 TES +30	X SIZE 2 x 24' GN LOADS 0.0 PSF 2.8 PSF T LOADS 0.0 PSF 4.2 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	TX	THOM	AS L. S 858 L/CE SSION	FIE HELM 329 NSEO. ALEN	ERD	** PIE	5921-G W. Friendly Ave., Greensboro, NC 27410	
	Amarr									
	MODEL 2400 AMARR 2402, 2412, 2422 MODEL 2000 AMARR 2002, 2012, 2022									
SIZE	DRAWN BY	DRD	DATE	1/30/18				ig number		
В	CHECKED BY	RLR	DATE	1/30/18	}	7IBC−	2414	I–120–15		
165 C	ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 4 OF 4									