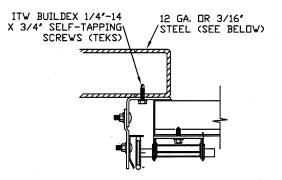


TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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

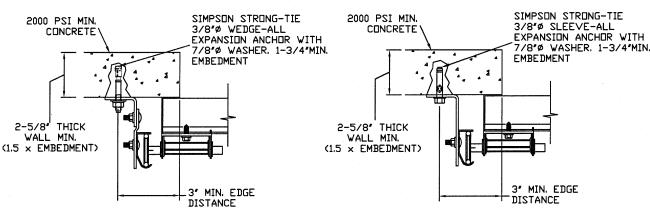
12 GA, STEEL FRAMING 232 LBS./SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 18' D.C. REFER TO NOTES: 1, 2 AND 5

3/16' STEEL FRAMING 569 LBS./SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 24' D.C. REFER TO NOTES: 1, 2 AND 5 1/8' NOM X 1' LONG
FILLET WELD (E60xx
ELECTRODES MIN.)

AS FILLET WELD

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

STEEL FRAMING 12GA OR BETTER 1590 LBS./IN. ALLOWABLE LOAD -6' FROM ENDS AND 24' D.C. REFER TO NOTES: 1, 2, 5, 6, 7, 8 AND 9



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

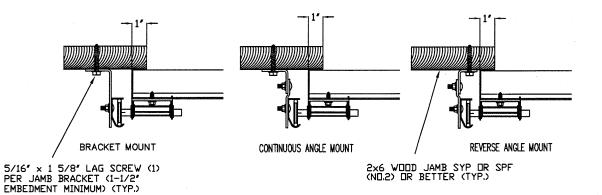
2000 PSI CONCRETE OR GREATER
351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD 6' FROM ENDS AND 24' O.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5

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' D.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5

TRACK CONNECTION TO WOOD JAMB OPTIONS

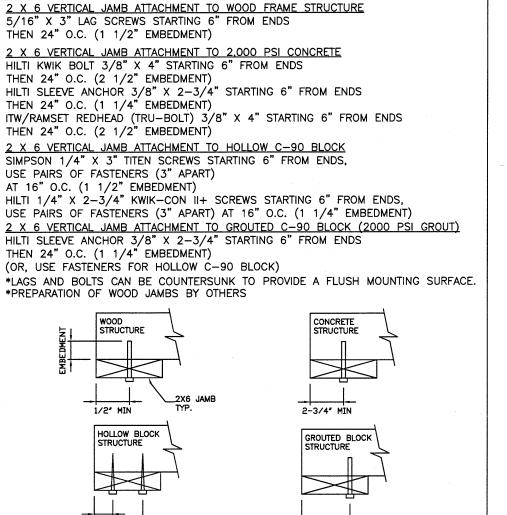
FOR LAG SCREWS & BRACKET SPACING SEE TRACK CONFIGURATION DETAIL

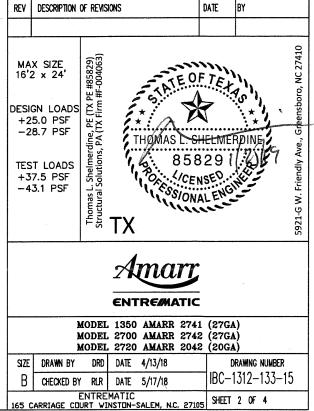


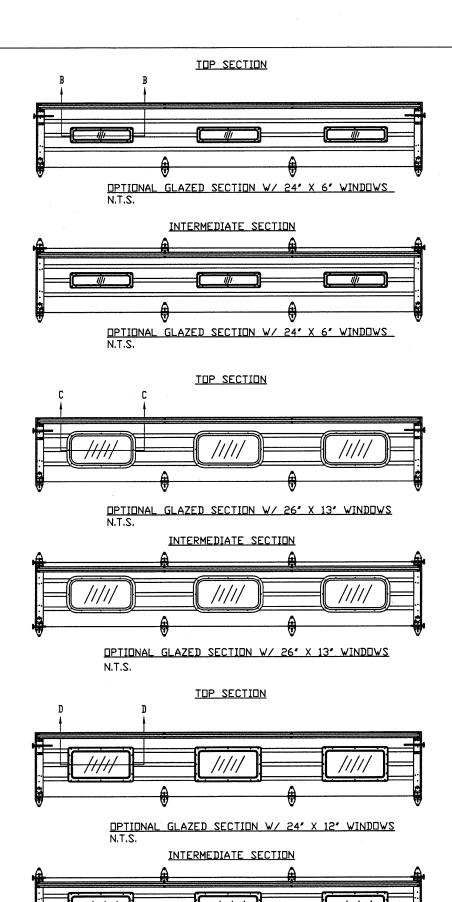
IDTES:

- 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 INSPECTED 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.

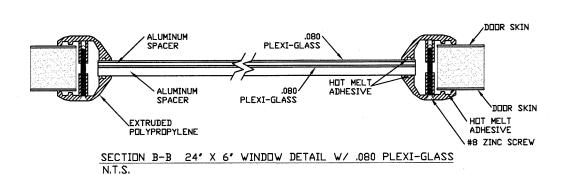
WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

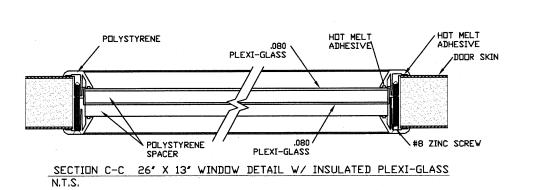


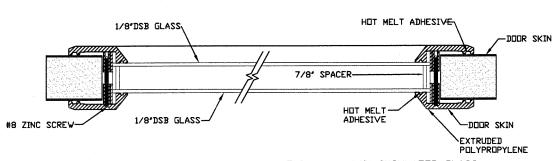




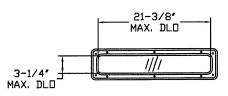
<u>OPTIONAL GLAZED SECTION W/ 24' X 12' WINDOWS</u> N.T.S.



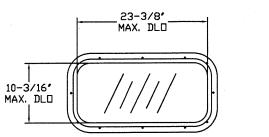




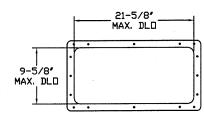
SECTION D-D 24" X 12" WINDOW DETAIL W/ 1-1/8" INSULATED GLASS N.T.S.



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.

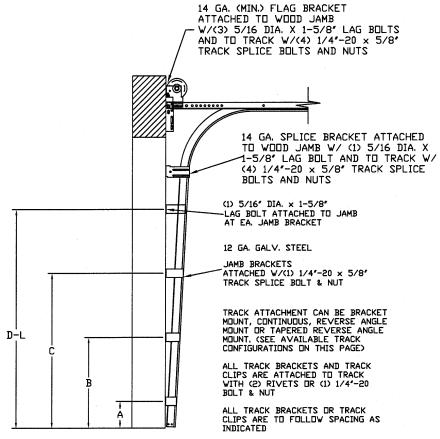
REV	DESCRIPTION (OF REVISIONS	3		DATE	BY		
MA 16': DESI +2 -2	X SIZE, 2 x 24. GN LOADS 5.0 PSF 8.7 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) structural Solutions, PA (TX Firm #F-004063)	THOM/	AS L. S	FTE	BY RDINE A	ndly Ave., Greensboro, NC 27410	
+3	7.5 PSF 3.1 PSF	Thomas L. Sh Structural Sol	X	SSION	AL ENG		5921-G W. Friendly Ave.,	



	M	ODEL	2700	AMARR AMARR AMARR	2742	(27GA)
SIZE	DRAWN BY	DRD	DATE	4/13/18		DRAWING NUMBER
В	CHECKED BY	RLR	DATE	5/17/18		IBC-1312-133-15
165 C	EI ARRIAGE COU	SHEET 3 OF 4				

TABLE 1

Sec		Center Stile		Max Design Loads Allowed			
Wid (fl		1st (in)	2nd (in)	Positive (PSF)	Negitive (PSF)		
9'			76"	31.7	36.4		
9'	6"	37"	77"	31.3	35.9		
9'	8"	38"	78"	30.9	35.5		
9'	10"	39"	79"	30.5	35.0		
10'	0"	40"	80"	30.1	34.6		
10'	2"	41"	81"	29.7	34.1		
10'	4"	42"	82"	29.2	33.6		
10'	6"	43"	83"	28.8	33.0		
10'	8"	44"	84"	28.3	32.5		
10'	10"	45"	85"	27.9	32.0		
11'	0"	46"	86"	27.5	31.5		
11'	2"	47"	87"	27.1	31.1		
11'	4"	48"	88"	26.7	30.6		
11'	6"	49"	89"	26.3	30.2		
11'	8"	50"	90"	25.9	29.7		
11'	10"	51"	91"	25.5	29.3		
12'	0"	48"	96"	25.1	28.8		
12'	2"	49"	97"	25.0	28.7		



TRACK CONFIGURATION FOR UP TO 24' TALL DOORS

SEE TABLE 2



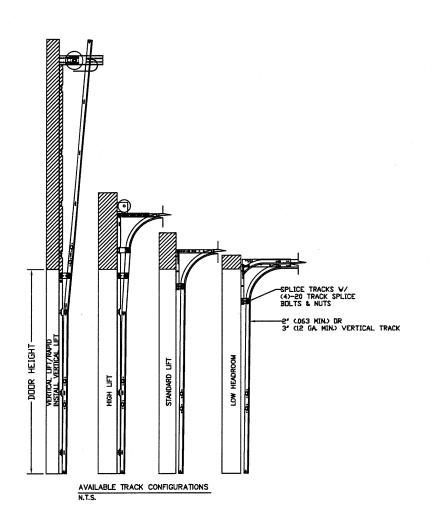


TABLE 2

DC	OR	TRACK ATTACHMENT									TYPICAL			
HEI	GHT	Α	В	С	D	E	F	G	Н	TI	J	K	L	SPLICE
7'	0"	10.0"	34"	58"										76"
7'	6"	10.0"	34"	58"					T T			<u> </u>		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"	106"								112"
11'	0"	10.0"	34"	58"	82"	106"								124"
12'	0"	10.0"	34"	58"	82"	106"	130"							136"
13'	0"	10.0"	34"	58"	82"	106"	130"							148"
14'	0"	10.0"	34"	58"	82"	106"	130"	154"						160"
15'	0"	10.0"	34"	58"	82"	106"	130"	154"						172"
16'	0"	10.0"	34"	58"	82"	106"	130"	154"	178"					184"
17'	.0"	10.0"	34"	58"	82"	106"	130"	154"	178"					196"
18'	0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"				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"	226*			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"	250"		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"	274"	280"

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

SPECIFICATIONS AND NOTES

BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

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: +152.1 LBS/FT & -174.6 LBS/FT

3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.

4. DOOR SECTIONS SHALL BE 27 GA. (.015) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH

5. DOORS UP TO 24'0" HIGH HAVE (2) 3" 20GA STRUTS ON BOTTOM SECTION AND (1) 3" 20GA STRUT ON EACH INTERMEDIATE AND TOP SECTION.

6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED

DESIGN LOADS | SEE NOTE 2

REV	DESCRIPTION	of Revision	NS		DATE	BY	
DESI +2 -2 TES +3	X SIZE 2 × 24 GN LOADS 55.0 PSF 8.7 PSF GT LOADS 7.5 PSF 3.1 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	THOM THOM	ASL 6 858 1/CEI		RDIN	5921-G W. Friendly Ave., Greensboro, NC 27410
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