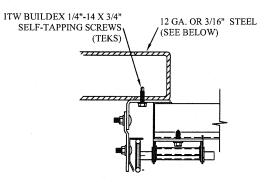


TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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 12" O.C.

REFER TO NOTES: 1, 2 AND 5

3/16" STEEL FRAMING

569 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS AND 24" O.C.

3" MIN. EDGE

DISTANCE

SIMPSON STRONG-TIE 3/8"Ø

ANCHOR WITH 7/8"Ø WASHER,

WEDGE-ALL EXPANSION

-3/4"MIN. EMBEDMENT

REFER TO NOTES: 1, 2 AND 5

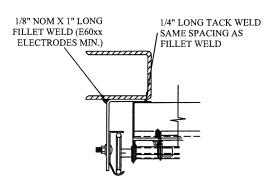
2000 PSI MIN.

2-5/8" THICK

WALL MIN.

(1.5 x EMBEDMENT)

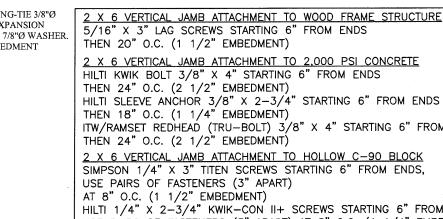
CONCRETE



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" O.C. REFER TO NOTES: 1, 2, 5, 6, 7, 8 AND 9

WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)



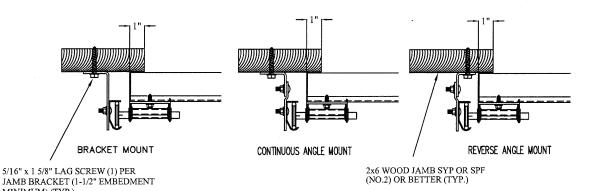
CLIP STYLE CONTINUOUS ANGLE MOUNT SHOWN BRACKET, REVERSE AND TAPERED ANGLE MOUNT CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

2000 PSI CONCRETE OR GREATER
351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD - 6" 2000 PSI CONCRETE OR GREATER 336 LBS./EXPANSION ANCHOR ALLOWABLE LOAD - 6" FROM ENDS AND 18" O.C. FROM ENDS AND 16" O.C. REFER TO NOTES: 1, 2, 3, 4 AND 5 REFER TO NOTES: 1, 2, 3, 4 AND 5

2000 PSI MIN. SIMPSON STRONG-TIE 3/8"Ø SLEEVE-ALL EXPANSION CONCRETE ' ANCHOR WITH 7/8"Ø WASHER. -3/4"MIN. EMBEDMENT 2-5/8" THICK WALL MIN. (1.5 x EMBEDMENT) 3" MIN. EDGE

TRACK CONNECTION TO WOOD JAMB OPTIONS

FOR LAG SCREWS & BRACKET SPACING SEE TRACK CONFIGURATION DETAIL



1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND

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.

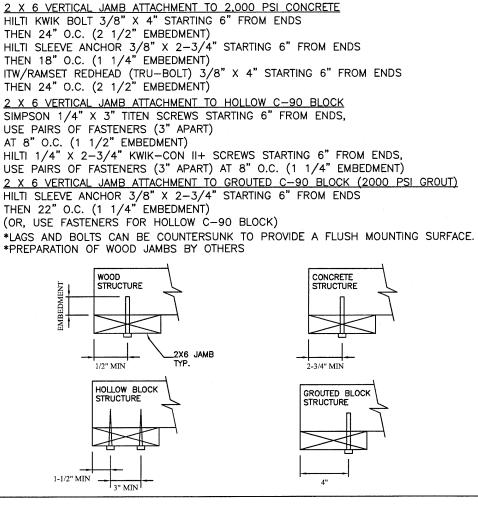
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS IN ADDITION TO OTHER LOADS.

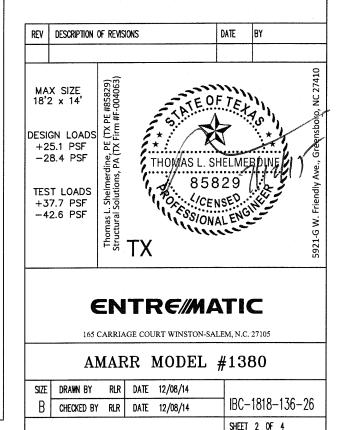
6. MOST GARAGE DOOR TRACK IS GALVANIZED STEEL. USE ALL NECESSARY PRECAUTIONS WHEN WELDING GALVANIZED STEEL.

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

9. TACK WELD TOE OF ANGLE AT SAME SPACING TO PREVENT ROTATION OF TRACK ANGLE.





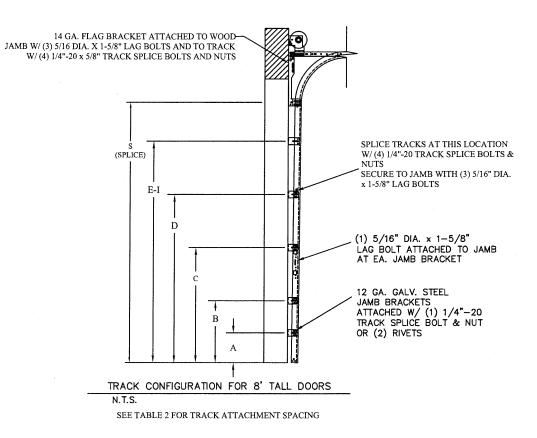


TABLE 2

DOOR					TRACK ATTACHMENT						TYPICAL
HEK	GHT	Α	В	С	D	E	F	G	Н	1	SPLICE
7'	0"	10.0"	21"	39"	57"						76"
7'	6"	10.0"	21"	39"	57"	75"					82"
8'	0"	10.0"	21"	39"	57"	75"					88"
9'	0"	10.0"	21"	39"	57"	75"	93"				100"
9'	6"	10.0"	21"	39"	57"	75"	93"				106"
10'	0"	10.0"	21"	39"	57"	75"	93"				112"
11'	0"	10.0"	21"	39"	57"	75"	93"	111"			124"
12'	0"	10.0"	21"	39"	57"	75"	93"	111"	129"		136"
13'	0"	10.0"	21"	39"	57"	75"	93"	111"	129"		148"
14'	0"	10.0"	21"	39"	57"	75"	93"	111"	129"	147"	160"

ALL TRACK ATTACHMENT SPACING +/-1.5" ALLOWED WITH SPF OR SYP NO. 2 OR BETTER ONLY

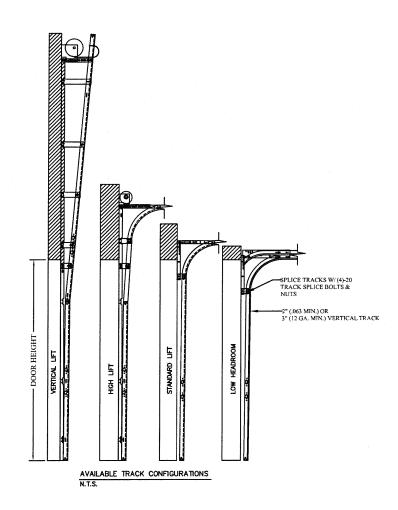
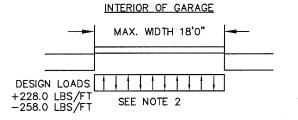


TABLE 1

Section Width			ter Stile Loc ured from Le	Max Design Loads Allowed		
(f		1st (in)	2nd (in)	3rd (in)	Positive (PSF)	Negitive (PSF)
16'	4"	52.168	98.000	143.834	27.7	31.4
16'	6"	51.340	99.000	146.660	27.4	31.1
16'	8"	52.200	100.000	147.800	27.2	30.8
16'	10"	53.200	101.000	148.800	26.9	30.4
17'	0"	54.200	102.000	149.800	26.6	30.1
17'	2"	55.2	103.0	150.8	26.4	29.9
17'	4"	56.200	104.000	151.800	26.1	29.6
17'	6"	57.200	105.000	152.800	25.9	29.3
17'	8"	55.800	106.000	156.200	25.6	29.0
17'	10"	56.250	107.000	157.750	25.4	28.7
18'	0"	57.800	108.000	158.200	25.2	28.5
18'	2"	57.3	109.0	160.7	25.1	28.4



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: +228.0 LBS/FT & -258.0 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 14'0" HIGH HAVE (1) 5.5" 18GA R-TRUSS PER SECTION AND (1) 3" 20GA STRUT ON THE BOTTOM SECTION
- 6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

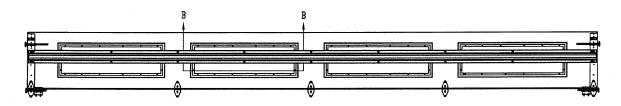
MAX SIZE 18'2 × 14' DESIGN LOADS +25.1 PSF -28.4 PSF TEST LOADS +37.7 PSF -42.6 PSF TEST LOADS -42.6 PSF TEST LOADS -42.6 PSF TEST LOADS -42.6 PSF TEST LOADS -42.6 PSF THOMAS L. SHELMERDINE THOMAS L	DESCRIPTION (OF REVISIONS	3	DATE	BY	
MAX SIZE 18'2 × 14' DESIGN LOADS +25.1 PSF -28.4 PSF TEST LOADS +37.7 PSF -42.6 PSF TEST LOADS +37.7 PSF -42.6 PSF TEST LOADS -47.6 PSF TEST LOADS -47.6 PSF TEST LOADS -47.6 PSF THOMAS L. SHELMERDINE THOMAS L. SHELMERDINE TO SS/ONAL ENGLY TO SS/ONAL ENGL					,	
DESIGN LOADS + 25.1 PSF - 28.4 PSF - 28.4 PSF - 42.6 PS	MAX SIZE 18'2 x 14'	E #85829) #F-004063)	ATEO	FIEX	11	ro, NC 27410
TEST LOADS +37.7 PSF -42.6	+25.1 PSF	ΞĔ.	THOMAS L. S	HELME	RDINE	e., Greensb
	+37.7 PSF	Thomas L. Shelmeri structural Solutions,	858 JOS SON	NSED.		21-G W. Friendly Av

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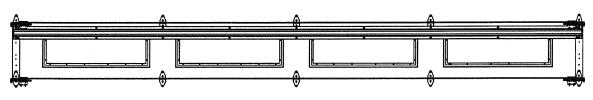
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

AMARR MODEL #1380			
	$\Delta M \Delta R R$	MODEL	#1380

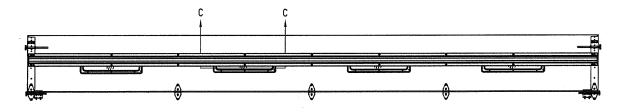
SIZE	DRAWN BY	RLR	DATE	12/08/14	DRAWING NUMBER
В	CHECKED BY	RLR	DATE	12/08/14	IBC-1818-136-26
					SHEET 3 OF 4



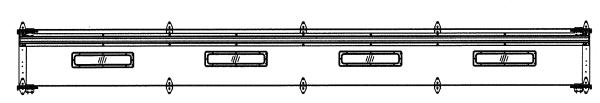
OPTIONAL GLAZED TOP SECTION W/ LONG PANEL WINDOWS AND STRUT LAYOUT N.T.S.



OPTIONAL GLAZED INTERMEDIATE SECTION W/ LONG PANEL WINDOWS AND STRUT LAYOUT N.T.S.

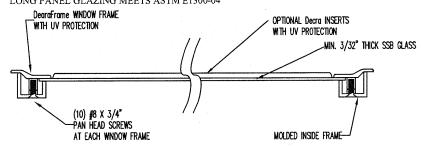


OPTIONAL GLAZED TOP SECTION W/ 24" X 6" WINDOWS AND STRUT LAYOUT N.T.S.

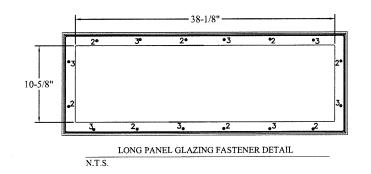


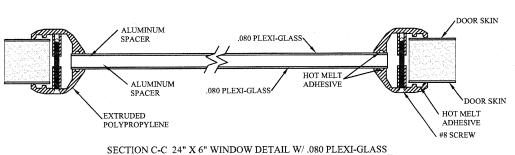
OPTIONAL GLAZED INTERMEDIATE SECTION W/ 24" X 6" WINDOWS AND STRUT LAYOUT N.T.S.

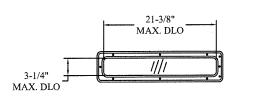
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION LONG PANEL GLAZING MEETS ASTM E1300-04



 $\frac{\text{SECTION B-B RESIDENTIAL LONG PANEL WINDOW DETAIL}}{\text{N.T.S.}}$







N.T.S.

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

REV	DESCRIPTION (of Revisio	NS .	DATE	BY	
MA 18': DESI +2 -2	X SIZE 2 x 14'	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	THOMAS L.	OF TE	TON A	5921-G W. Friendly Ave., Greensboro, NC 27410

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

		AM	ſAF	RR I	MODEL	#	1380
ľ	SIZE	DRAWN BY	RLR	DATE	12/08/14		DRAWING NUMBER
	В	CHECKED BY	RLR	DATE	12/08/14		IBC-1818-136-26
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