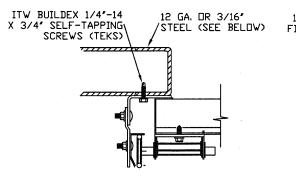


TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS

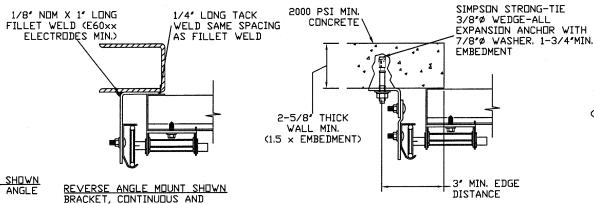


WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

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 10' 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 12' O.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5

NOTES:

EMBEDMENT MINIMUM) (TYP.)

TAPERED ANGLE MOUNT AVAILABLE

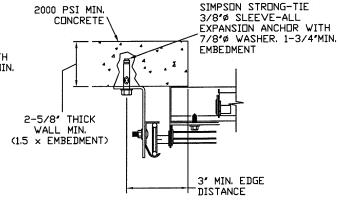
STEEL FRAMING 12GA OR BETTER

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

1590 LBS./IN. ALLOWABLE LOAD

6' FROM ENDS AND 24' O.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.



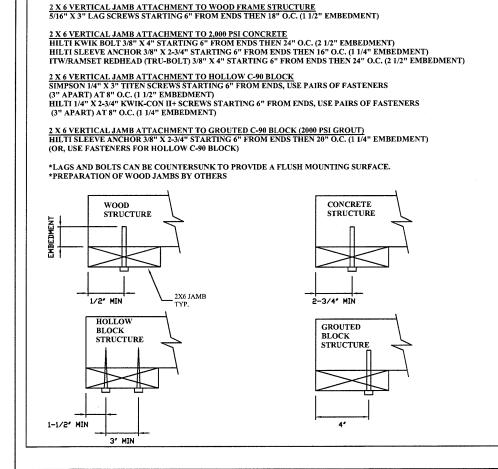
CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE
MOUNT AVAILABLE

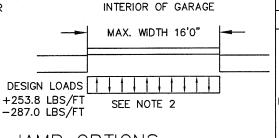
2000 PSI CONCRETE OR GREATER
336 LBS./EXPANSION ANCHOR ALLOWABLE
LOAD - 6' FROM ENDS AND 12' D.C.
REFER TO NOTES: 1, 2, 3, 4 AND 5

SPECIFICATIONS AND NOTES

- 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:
- +253.8 LBS/FT AND -287.0 LBS/FT
 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED
- AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.

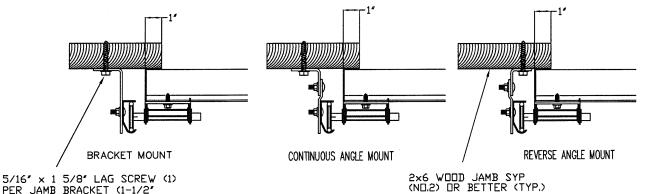
 4. DOOR SECTIONS SHALL BE 25 GA. (.018) MIN. EXTERIOR SKIN
- 4. DOOR SECTIONS SHALL BE 25 GA. (.018) MIN. EXTERIOR SKIN ROLLED FORMED, GALVANIZATION W/ BAKED ON POLYESTER FINISH
- 5. DOORS UP TO 24' HIGH USE (1) 5 1/2" R-TRUSS PER SECTION AND (1) 3" 18GA STRUT ON TOP OF THE BOTTOM BRACKET.
- 6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

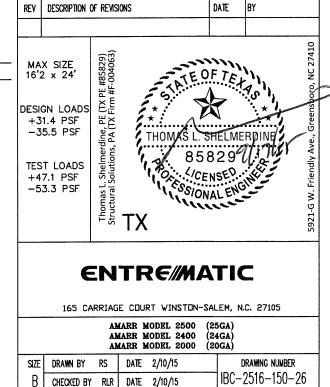




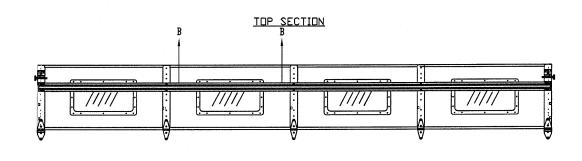
TRACK CONNECTION TO WOOD JAMB OPTIONS

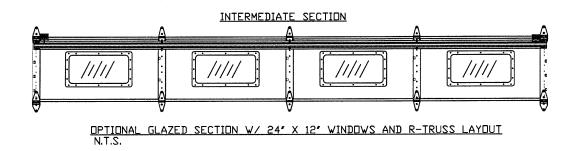
FOR LAG SCREWS & BRACKET SPACING SEE PAGE 4 FOR TRACK CONFIGURATION DETAIL

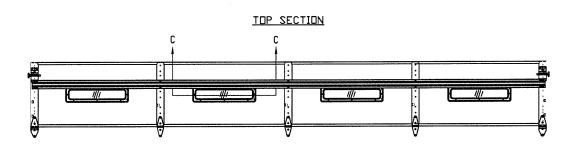


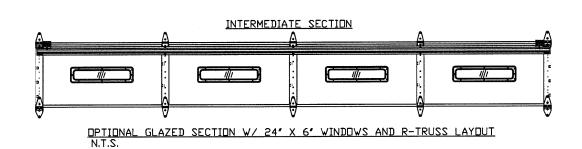


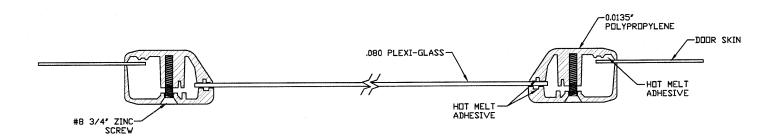
SHEET 2 OF 4



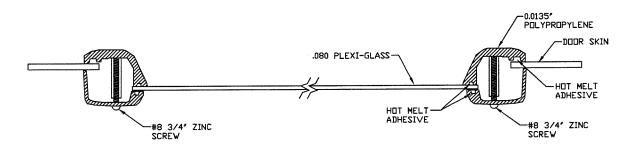




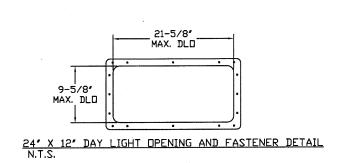


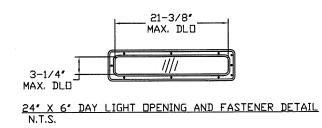


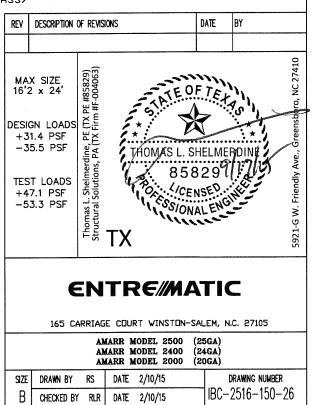
 $\frac{\text{SECTION B-B}}{\text{N.T.S.}} \hspace{0.1cm} \text{24" X 12" WINDOW DETAIL W/ .080 PLEXI-GLASS}$



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





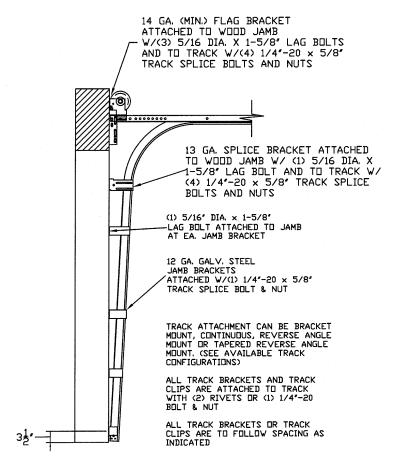


SHEET 3 OF 4

TABLE 1

Math				r Stile Lo	cations	Max Design Loads				
(ft) 1st (in) 2nd (in) 3rd (in) Positive (PSF) Negitive (PSF) 9' 4" 36" 76" - 39.8 45.0 9' 8" 38" 78" - 39.3 44.4 39.3 44.4 49.9 39.3 44.4 49.9 40" 39" 79" - 38.3 43.3 40.3 40.9 40" 80" - 37.8 42.8 42.8 41.7 40" 80" - 37.4 42.2 42.2 41" 81" - 37.4 42.2 42.2 41.7 40" 82" - 36.9 41.7 41.7 41.7 40" 85" - 36.5 41.2 41.7 40" 85" - 36.5 41.2 40.3 41.7 40" 85" - 36.5 41.2 40.7 40" 85" - 36.0 40.7 40.7 40" 85" - 36.6 40.3 40.7 40" 85" - 35.6 40.3 40.7 40" 85" - 35.2 39.8 41" 87" - 34.8 39.3 41" 88" 50" - 35.2 39.8 41" 87" 87" - 34.8 39.3 41" 88" 50" 90" - 33.6 38.0 38.0 41" 88" 50" 90" - 33.6 38.0 38.0 40.7 40" 88" - 34.4 38.9 38.4 41" 88" 50" 90" - 33.6 38.0 38.0 40.7 40" 88" - 34.0 38.4 40" 88" - 34.0 38.4 40" 88" - 34.0 38.4 40" 88" - 34.0 38.0 40.7 40" 88" - 34.0 38.0 40.7 40" 88" - 34.0 38.0 40.7 40" 88" - 34.0 38.0 40.7 40" 88" - 34.0 38.0 40.7 40" 88" -	Section		Į.							
9' 4" 36" 76" - 39.8 45.0 9' 6" 37" 77" - 39.3 44.4 9' 8" 38" 78" - 38.8 43.9 9' 10" 39" 79" - 38.3 43.3 10' 0" 40" 80" - 37.8 42.8 10' 2" 41" 81" - 37.4 42.2 10' 4" 42" 82" - 36.9 41.7 10' 6" 43" 83" - 36.9 41.7 10' 10" 45" 85" - 36.0 40.7 10' 10" 45" 85" - 35.6 40.3 11' 2" 47" 87" - 34.8 39.3 11' 4" 48" 88" - 34.4 38.9 11' 4" 48"	1 1		1st	2nd	3rd	Positive	Negitive			
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16' 0" 48" 96" 144" 31.5 35.6										
16' 2" 49" 97" 145" 31.4 35.5			48"							
	16'	2"	49"	97"	145"	31.4	35.5			

*FOR WIDTHS 12'-2" TO 12'-10" CONTACT ENGINEERING FOR STILE PLACEMENT



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

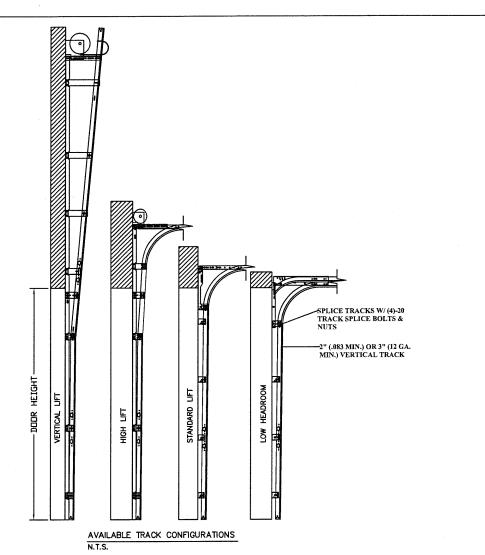
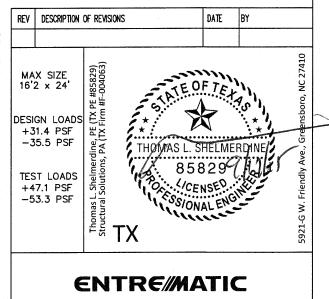


TABLE 2

DC	OOR		TRACK ATTACHMENT											TYPICAL
HE	IGHT	Α	В	С	D	E	F	G	Н	Ī	J	K	I	SPLICE
7'	0"	3.5"	22"	46"	70"									76"
7'	6"	3.5"	22"	46"	70"									82"
8'	0"	3.5"	22"	46"	70"									88"
8'	6"	3.5"	22"	46"	70"									94"
9'	0"	3.5"	22"	46"	70"	94"								100"
9'	6"	3.5"	22"	46"	70"	94"								106"
10'	0"	3.5"	22"	46"	70"	94"								112"
11'	0"	3.5"	22"	46"	70"	94"	118"							124"
12'	0"	3.5"	22"	46"	70"	94"	118"							136"
13'	0"	3.5"	22"	46"	70"	94"	118"	142"						148"
14'	0"	3.5"	22"	46"	70"	94"	118"	142"						160"
15'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"					172"
16'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"					184"
17'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"				196"
18'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"				208"
19'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"			220"
20'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"			232"
21'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"		244"
22'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"		256"
23'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"	262"	268"
24'	0"	3.5"	22"	46"	70"	94"	118"	142"	166"	190"	214"	238"	262"	280"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP NO.2 OR BETTER ONLY.

AMARR MODEL 2500 ONLY AVAILABLE UP TO 14'



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

AMARR MODEL 2500 (25GA) AMARR MODEL 2400 (24GA) AMARR MODEL 2000 (20GA)

> DRAWING NUMBER IBC-2516-150-26

SHEET 4 OF 4

SIZE DRAWN BY RS DATE 2/10/15

B CHECKED BY RLR DATE 2/10/15