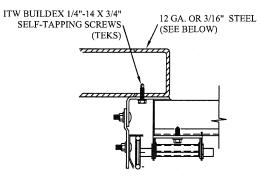


TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



2000 PSI MIN.

2-5/8" THICK

WALL MIN.

(1.5 x EMBEDMENT)

CONCRETE

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

232 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS AND 18" O.C. REFER TO NOTES: 1, 2 AND 5

569 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS REFER TO NOTES: 1, 2 AND 5

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

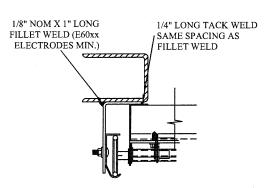
> > MOUNT AVAILABLE

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

3" MIN. EDGE

DISTANCE

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



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

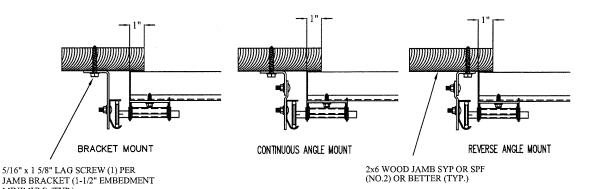
STEEL FRAMING 12GA OR BETTER 1590 LBS./IN. ALLOWABLE LOAD - 6" FROM ENDS AND 24" O.C. REFER TO NOTES: 1, 2, 5, 6, 7, 8 AND 9

CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE

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

TRACK CONNECTION TO WOOD JAMB OPTIONS

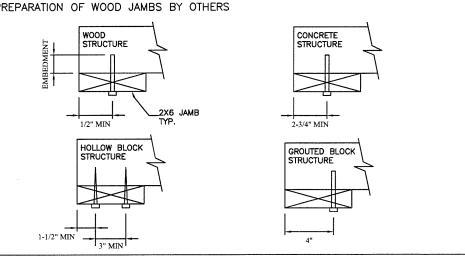
FOR LAG SCREWS & BRACKET SPACING SEE PAGE 3 FOR TRACK CONFIGURATION DETAIL

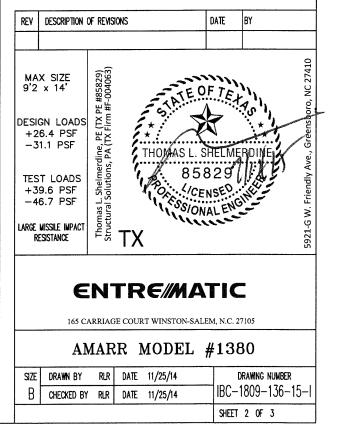


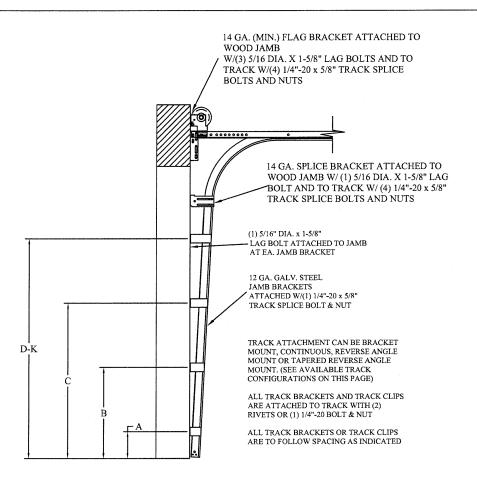
- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND
- 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3. MIN. EGDE DISTANCE OF 3" REQUIRED.
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.
- 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.

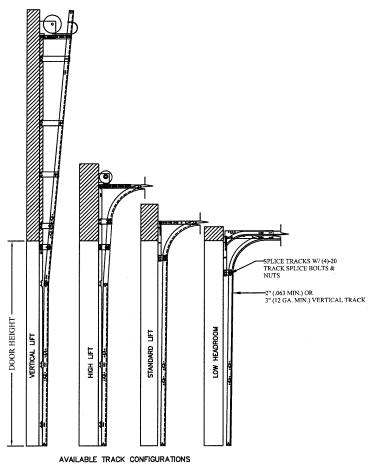
WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE 5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT) 2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT) HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT) ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THÉN 24" O.C. (2 1/2" EMBEDMENT) 2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C. (1 1/2" EMBEDMENT) HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C. (1 1/4" EMBEDMENT) 2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT) HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK) *LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. *PREPARATION OF WOOD JAMBS BY OTHERS









N.T.S.

Sec Wid (fi	dth t)	Center Stile Locations (Measured from Left Edge) 1st (in)				
6'	0"	36"				
6'	2"	37"				
6'	4"	38"				
6'	6"	39"				
6'	8"	40"				
6'	10"	41"				
7'	0"	42" 43"				
7'	2"					
7'	4"	44"				
7'	6"	45"				
7'	8"	46"				
7'	10"	47"				
8'	0"	48"				
8'	2"	49"				
8'	4"	50"				
8'	6"	51"				
8'	8"	52"				
8'	10"	53"				
9'	0"	54"				
9'	2"	55"				

TABLE 2

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: +121.0 LBS/FT & -142.5 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 ALTERNATE BETWEEN (1) 3" 20GA STRUT AND (1) 2" 20 GA STRUT PER SECTION STARTING WITH A 3" 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.

-142.5 LBS/FT

MAX. WIDTH 9'0" DESIGN LOADS +121.0 LBS/FT

SEE NOTE 2

INTERIOR OF GARAGE

REV DESCRIPTION OF REVISIONS DATE MAX SIZE 9'2 x 14' DESIGN LOADS E H26.4 PSF -31.1 PSF TEST LOADS +39.6 PSF -46.7 PSF SS/ONAL EN LARGE MISSILE IMPACT RESISTANCE ENTRE/MATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 AMARR MODEL #1380 SIZE DRAWN BY RLR DATE 11/25/14 Drawing Number IBC-1809-136-15-I B CHECKED BY RLR DATE 11/25/14 SHEET 3 OF 3

TABLE 1

DO	OR		TYPICAL						
HEIGHT		Α	В	С	D	Е	F	G	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"
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"

TRACK CONFIGURATION FOR UP TO 14' TALL DOORS

SEE TABLE 1

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