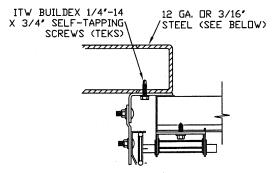


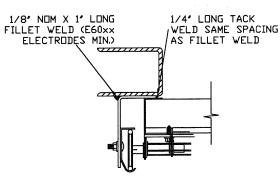
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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

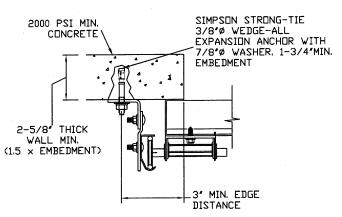
12 GA. STEEL FRAMING 232 LBS./SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 12" O.C. REFER TO NOTES: 1, 2 AND 5

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



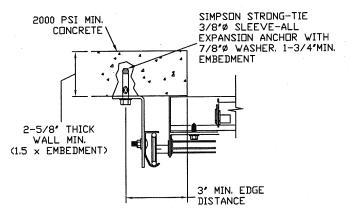
REVERSE ANGLE MOUNT SHOWN BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

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



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

2000 PSI CONCRETE OR GREATER 351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD -6" FROM ENDS AND 18" 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 18" 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: +194.7 LBS/FT & -223.3 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 WILL HAVE TWO (2) 3" 20GA STRUTS PER 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.

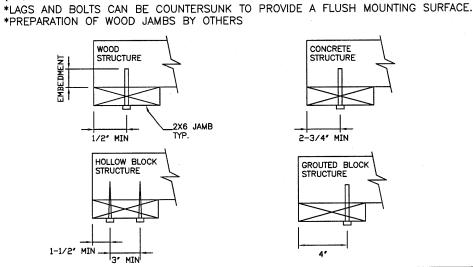
WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

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 22" O.C. (1 1/4" EMBEDMENT) ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 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 16" 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 16" 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)

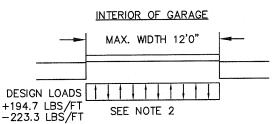
*PREPARATION OF WOOD JAMBS BY OTHERS WOOD STRUCTURE 2X6 JAMB 1/2" MIN HOLLOW BLOCK

1-1/2" MIN _



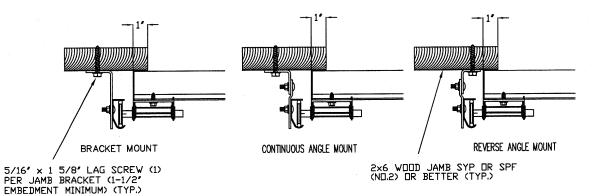
NOTES

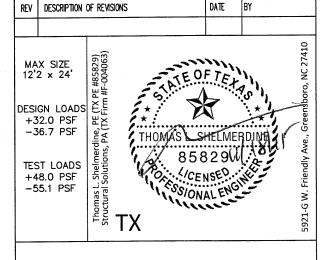
- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND
- 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE, HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3, MIN. EGDE DISTANCE OF 3' REQUIRED
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.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



TRACK CONNECTION TO WOOD JAMB OPTIONS

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





ENTRE/MATIC

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

MODEL 1350 / AMARR 2741 MODEL 2700 / AMARR 2742 MODEL 2720 / AMARR 2042

SIZE	DRAWN BY	RS	DATE 8/06/15	DRAWING NUMBER
В	CHECKED BY	RLR	DATE 8/06/15	TIBC-1312-150-15-I
				SHEET 2 OF 3

TABLE 1

Sec	tion	Center Stile						
Wid		Locations						
		1st	2nd					
(f	۱)	(in)	(in)					
9'	4"	36"	76"					
9'	6"	37"	77"					
9'	8"	38"	78"					
9'	10"	39"	79"					
10'	0"	40"	80"					
10'	2"	41"	81"					
10'	4"	42"	82"					
10'	6"	43"	83"					
10'	8"	44"	84"					
10'	10"	45"	85"					
11'	0"	46"	86"					
11'	2"	47"	87"					
11'	4"	48"	88"					
11'	6"	49"	89"					
11'	8"	50"	90"					
11'	10"	51"	91"					
12'	0"	48"	96"					
12'	2"	49"	97"					

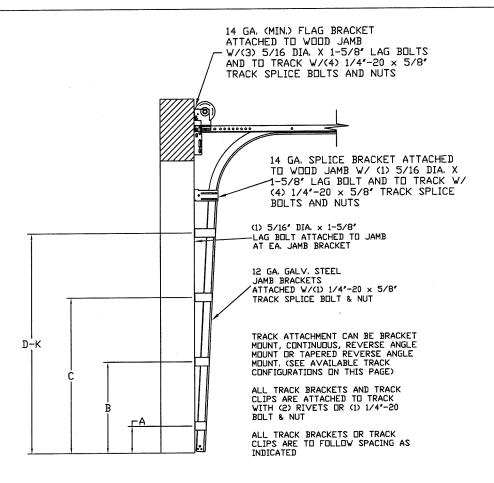
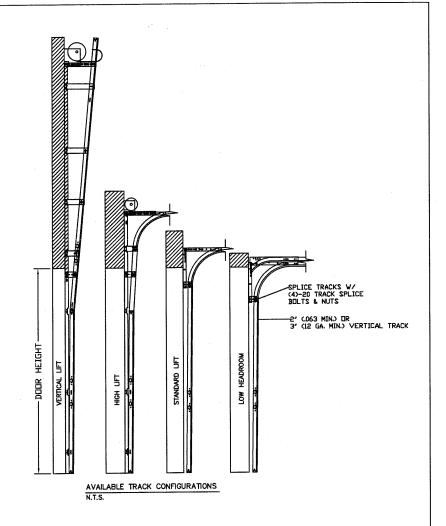


TABLE 2

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

DO	OR							TRA	ACK AT	TACHM	ENT							TYPICAL
HEK	GHT	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	P	SPLICE
7'	0"	3.5"	22"	34"	58"	70"												76"
7'	6"	3.5"	22"	34"	58"	70"		-										82"
8'	0"	3.5"	22"	34"	58"	70"												88"
8'	6"	3.5"	22"	34"	58"	70"												94"
9'	0"	3.5"	22"	34"	58"	70"	94"											100"
9'	6"	3.5"	22"	34"	58"	70"	94"											106"
10'	0"	3.5"	22"	34"	58"	70"	94"	106"										112"
11'	0"	3.5"	22"	34"	58"	70"	94"	106"										124"
12'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"									136"
13'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"								148"
14'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"								160"
15'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"							172"
16'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"						184"
17'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"						196"
18'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"					208"
19'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"	214"				220"
20'	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"	214"				232"
21	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"	214"	238"			244"
22	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"	214"	238"	250"		256"
23	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"	214"	238"	250"		268"
24	0"	3.5"	22"	34"	58"	70"	94"	106"	130"	142"	166"	178"	202"	214"	238"	250"	274"	280"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY MODEL 1350/ AMARR 2741 ONLY AVAILABLE UP TO 14'



	rev	DESCRIPTION	of Revisi	ו	DATE BY				
	12': DESI +3 -3 TES +4	X SIZE 2 × 24' GN LOADS 2.0 PSF 6.7 PSF ST LOADS 8.0 PSF 5.1 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	TX	S L SH 858 //CEN	٠.	BDINE	5921-G W. Friendly Ave., Greensboro, NC 27410	
				TRE/					
			MOI	DEL 1350 / ALDEL 2700 / ALDEL 2720 / ALDEL	MARR 27	42			
	SIZE	DRAWN BY	RS	DATE 8/06/15		_	RAWING NUMBER		
	В	CHECKED B	rlr	DATE 8/06/15		IBC-	1312-150-	15-	
						SHEET	3 OF 3		
_									