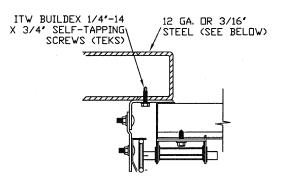


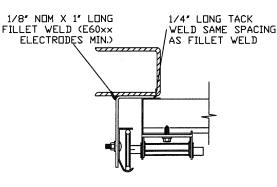
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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

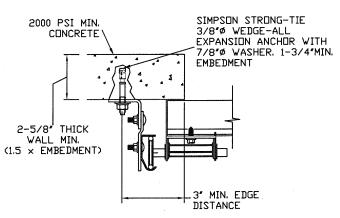
12 GA. STEEL FRAMING 232 LBS./SCREW ALLOWABLE LOAD - 6' FROM ENDS AND 18' O.C. REFER TO NOTES: 1, 2 AND 5

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



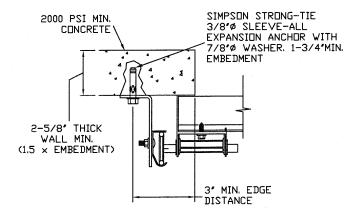
REVERSE ANGLE MOUNT SHOWN BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

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



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' 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: +141.8 LBS/FT & -165.2 LBS/FT
- 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- 4. DOOR SECTIONS SHALL BE 24 GA. (.021) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
- 5. DOORS UP TO 24'0" HIGH HAVE (2) 2" 20GA STRUTS ON TOP STEEL SECTION, (1) 3-3/8" x.100" EXTRUDED ALUMINUM STRUT ON EVERY OTHER ALUMINUM SECTION, (1) 3" 20GA STRUT AND (1) 2" 20GA STRUT ON 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.

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 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)

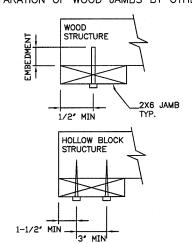
AT 24" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 24" O.C. (1 1/4" EMBEDMENT)

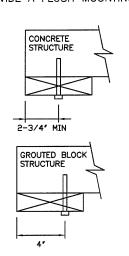
2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)

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)

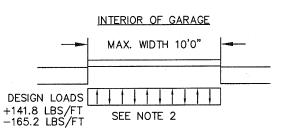
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. *PREPARATION OF WOOD JAMBS BY OTHERS





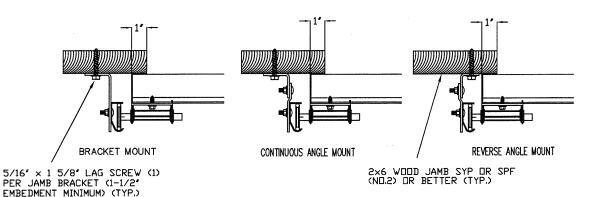
NOTES

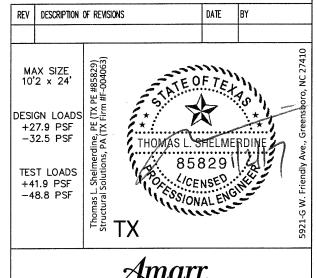
- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
- 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3. MIN. EGDE DISTANCE OF 3' REQUIRED.
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.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



TRACK CONNECTION TO WOOD JAMB OPTIONS

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





MODEL 2400/3550 AMARR 2402/3552, 2412/3552, 2422/3552 MODEL 2000/3550 AMARR 2002/3552, 2012/3552, 2022/3552

ENTRE/MATIC

SIZE	Drawn by	RLR	DATE	12/6/16		-			Number	
В	CHECKED BY	RLR	DATE	12/6/16		IBC-2	24	50-	-140–63)
165 C	E ARRIAGE COUR	SHEET	2	0F	3					

TABLE 1

Sec			er Stile ations	Max Design Loads Allowed							
Wid (f		1st (in)	2nd (in)	Positive (PSF)	Negitive (PSF)						
6'	0"	36"	552	31.2	36.3						
6'	6' 4" 38"			30.3	35.3						
6'			122	29.5	34.4						
6'			2007)	28.8	33.5						
6'	8"	40"	EST,	28.1	32.7						
9'	2"	37"	73"	30.7	35.8						
9'	4"	36"	76"	29.5	34.4						
9'	6"	37"	77"	29.2	34.0						
9'	8"	38"	78"	28.8	33.5						
9'	10"	39"	79"	28.4	33.1						
10'	0"	40"	80"	28.1	32.7						
10'	2"	41"	81"	27.9	32.5						

CONTACT ENGINEERING FOR SIZES 6'10" THROUGH 9'0"

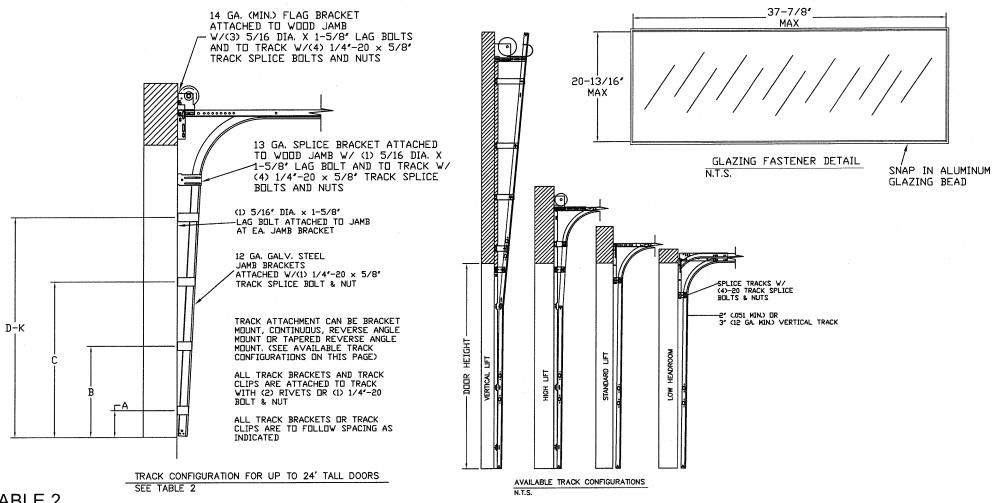


TABLE 2

DO	OR					TRACK	ATTAC	HMENT	•	, , , , , , , , , , , , , , , , , , ,			TYPICAL
HEI	GHT	Α	В	С	D	E	F	G	Н	I	J	K	SPLICE
7'	0"	10"	34"	58"									76"
7'	6"	10"	34"	58"									82"
8'	0"	10"	34"	58"									88"
8'	6"	10"	34"	58"	82"								94"
9'	0"	10"	34"	58"	82"								100"
9'	6"	10"	34"	58"	82"								106"
10'	0"	10"	34"	58"	82"								112"
11'	0"	10"	34"	58"	82"	106"							124"
12'	0"	10"	34"	58"	82"	106"							136"
13'	0"	10"	34"	58"	82"	106"	130"						148"
14'	0"	10"	34"	58"	82"	106"	130"						160"
15'	0"	10"	34"	58"	82"	106"	130"	154"					172"
16'	0"	10"	34"	58"	82"	106"	130"	154"					184"
17'	0"	10"	34"	58"	82"	106"	130"	154"	178"				196"
18'	0"	10"	34"	58"	82"	106"	130"	154"	178"				208"
19'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"			220"
20'	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"			232"
21	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"		244"
22	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"		256"
23	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"	250"	268"
24	0"	10"	34"	58"	82"	106"	130"	154"	178"	202"	226"	250"	280"

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

MAX SIZE 10'2 × 24' DESIGN LOADS +27.9 PSF -32.5 PSF TEST LOADS +41.9 PSF -48.8 PSF TEST LOADS +41.9 PSF MODEL 2400/3550 AMARR 2402/3552, 2412/3552, 2422/3552 MODEL 2000/3550 AMARR 2002/3552, 2012/3552, 2022/3552 SIZE DRAWN BY RLR DATE 12/6/16 B CHECKED BY RLR DATE 12/6/16 DRAWN C NUMBER B CHECKED BY RLR DATE 12/6/16 DRAWN C NUMBER B CHECKED BY RLR DATE 12/6/16 DRAWN C NUMBER B CHECKED BY RLR DATE 12/6/16 DRAWN C NUMBER	REV	DESCRIPTION	OF REVISIO	NS			DATE	BY	
MODEL 2400/3550 AMARR 2402/3552, 2412/3552, 2422/3552 MODEL 2000/3550 AMARR 2002/3552, 2012/3552, 2022/3552 SIZE DRAWN BY RLR DATE 12/6/16 DRAWNG NUMBER									
MODEL 2400/3550 AMARR 2402/3552, 2412/3552, 2422/3552 MODEL 2000/3550 AMARR 2002/3552, 2012/3552, 2022/3552 SIZE DRAWN BY RLR DATE 12/6/16 DRAWNG NUMBER	10' DESI +2 -3 TES +4	2 x 24' GN LOADS 7.9 PSF 2.5 PSF GT LOADS 1.9 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	TX	THOM.			ERDINE CONTRACTOR	5071-5 W Friendly Ave Greenshoro MC 27410
MODEL 2000/3550 AMARR 2002/3552, 2012/3552, 2022/3552 SIZE DRAWN BY RLR DATE 12/6/16 DRAWNG NUMBER				<u> </u>	_	-			
IDC 0450 140 C7									
	M	DEL 2000/	3550 Al	MARR	2002/	3552,		552, 2022	/3552

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165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 SHEET 3 OF 3

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