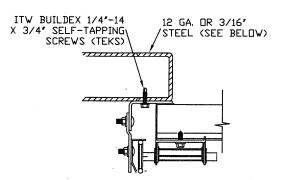


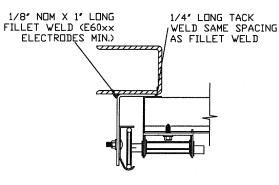
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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

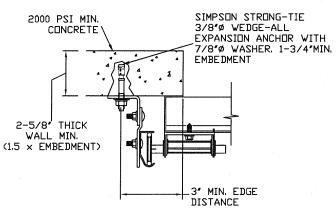
12 GA. STEEL FRAMING 232 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS AND 12" O.C. REFER TO NOTES: 1, 2 AND 5

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



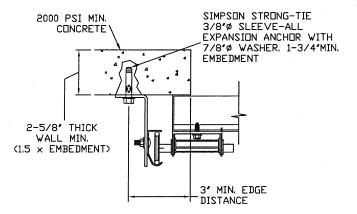
REVERSE ANGLE MOUNT SHOWN BRACKET, CONTINUOUS AND TAPERED ANGLE MOUNT AVAILABLE

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



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 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: +206.9 LBS/FT & -240.4 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. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, W/ PREPAINTED STEEL FINISH

5. DOORS UP TO 24'0" HIGH HAVE (1) 3.625" 22GA 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.

<u>WOOD JAMB ATTACHMENT TO STR</u>UCTURE (OPTIONAL

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE 5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 22" 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 20" 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,

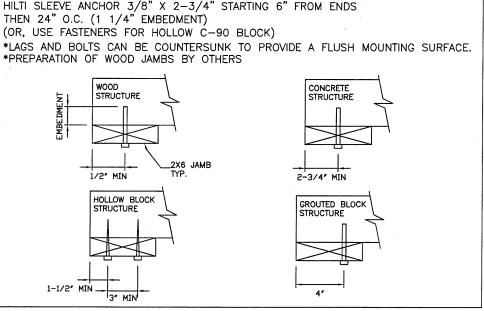
USE PAIRS OF FASTENERS (3" APART)

AT 16" O.C. (1 1/2" EMBEDMENT) HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS.

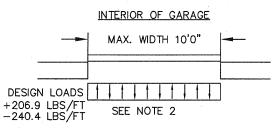
USE PAIRS OF FASTENERS (3" APART) A 16" O.C. (1 1/4" EMBEDMENT) 2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)

HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS

(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

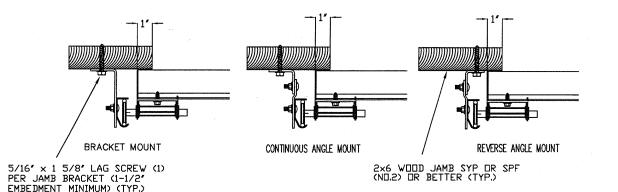


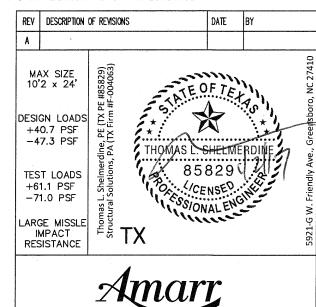
- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND
- 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE, HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3. MIN. EGDE DISTANCE OF 3' REQUIRED.
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.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





MODEL 2400 AMARR 2402, 2412, 2422 MODEL 2000 AMARR 2002, 2012, 2022

									_	
SIZE	DRAWN BY	RLR	DATE	12/5/16		D	RAV	MNG	NUMBE	ER .
В	CHECKED BY	RLR	DATE	12/5/16		IBC-	24	10-	169-	-21-1
165 C	ARRIAGE COL	SHEET	2	0F	3					

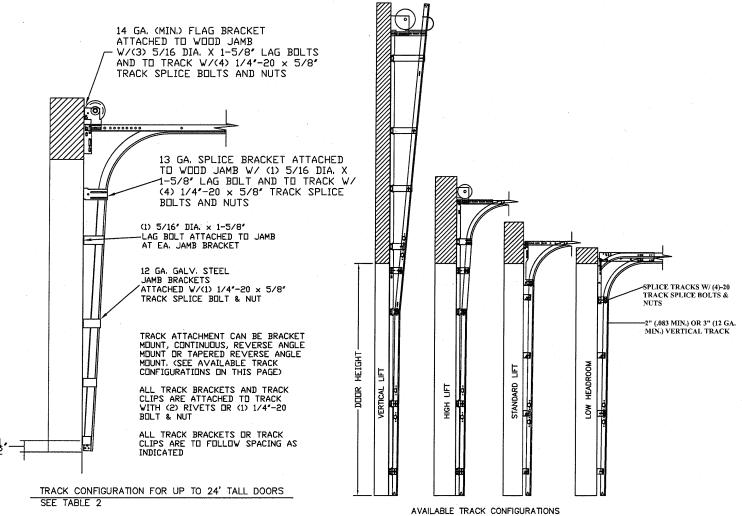
TABLE 1

Sec Wid (f	dth		er Stile ations 2nd (in)				
6'	0"	36"	(111)				
6'	2"	37"	86				
6'	4"	38"					
6'	6"	39"	AND				
6'	8"	40"					
9'	2"	37"	73"				
9'	4"	36"	76"				
9'	6"	37"	77"				
9'	8"	38"	78"				
9'	10"	39"	79"				
10'	0"	40"	80"				
10'	2"	41"	81"				

TABLE 2

DOOR		-										TRACK	ATTAC	HMEN	Г		,			····					TYPICAL
HEIGHT	Γ /	Α	В	С	D	E	F	G	Н	I	J	K	L	M	Ņ	0	Р	Q	R	S	T	U	V	W	SPLICE
7' 0'	" 3.	.5"	10"	22"	34"	46"	58"																		76"
7' 6'	" 3.	.5"	10"	22"	34"	46"	58"																		82"
8' 0'	" 3.	.5"	10"	22"	34"	46"	58"	70"																	88"
8' 6'	" 3.	.5"	10"	22"	34"	46"	58"	70"	82"																94"
9' 0'	" 3.	.5"	10"	22"	34"	46"	58"	70"	82"																100"
9' 6'	" 3.	.5"	10"	22"	34"	46"	58"	70"	82"	94"				<u> </u>						<u> </u>					106"
10' 0'		.5"	10"	22"	34"	46"	58"	70"	82"	94"															112"
11' 0'		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"														124"
12' 0'	' 3.		10"	22"	34"	46"	58"	70"	82"	94"	106"	118"													136"
13' 0'		.5"	10"	22"	34"	46"	58"	7.0"	82"	94"	106"	118"	130"				<u> </u>								148"
14' 0'		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"											160"
15' 0'		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"										172"
16' 0'		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"									184"
17' 0"		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"								196"
18' 0'		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"							208"
19' 0"		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"						220"
20' 0"		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"					232"
21 0"		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"				244"
22 0"	3.		10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"			256"
23 0"		.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"		268"
24 0"	' 3.	.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"	280"

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



REV	DESCRIPTION	of Revisio	NS		DATE	BY	
A							
TES +6 -7	AX SIZE, 2 x 24, 24, 24, 24, 24, 24, 24, 24, 24, 24,	nomas L. Shelmerdine, PE (T. uctural Solutions, PA (TX Fir	TX	AS L. S.	HELME 329 VSEO ALENC	RDINE	5921-G W. Friendly Ave., Greensboro, NC 27410
		2	lm	ar			
	MODEL MODEL	2400 2000	AMARR AMARR			2, 2422 2, 2022	

Drawing Number

IBC-2410-169-21-I

SIZE DRAWN BY RLR DATE 12/5/16

B CHECKED BY RLR DATE 12/5/16

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