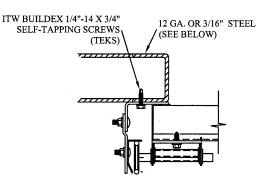


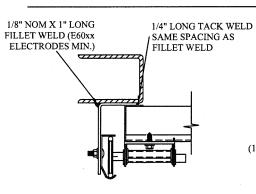
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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

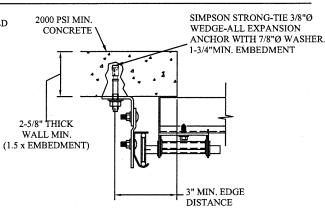
12 GA. STEEL FRAMING 232 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS AND 24" O.C. REFER TO NOTES: 1, 2 AND 5

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 AND 9



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 24" O.C. REFER TO NOTES: 1, 2, 3, 4 AND 5

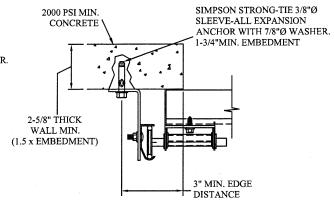
NOTES:

- 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.

JAMB BRACKET (1-1/2" EMBEDMENT

MINIMUM) (TYP.)

- 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.



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: +112.9 LBS/FT AND -132.5 LBS/FT
- 3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED
- AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA. 4. DOOR SECTIONS SHALL BE 20 GA. (.033) MIN. EXTERIOR SKIN
- ROLLED FORMED, GALVANIZATION W/ BAKED ON POLYESTER FINISH
- 5. 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)

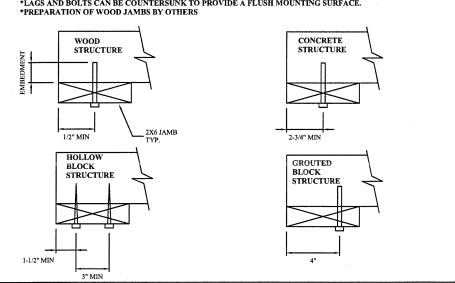
2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT) HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT) ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)

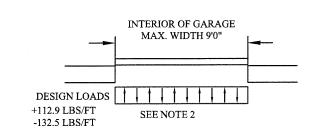
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C. (1 1/2" EMBEDMENT)

HILTI 14" X 2-34" WINK-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. (I 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

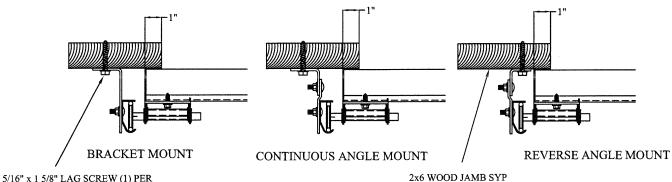
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. *PREPARATION OF WOOD JAMBS BY OTHERS





TRACK CONNECTION TO WOOD JAMB OPTIONS

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



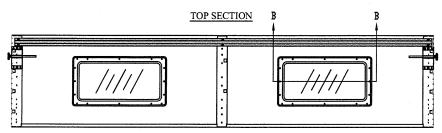
2x6 WOOD JAMB SYP (NO.2) OR BETTER (TYP.)

rev	DESCRIPTION	of Revision	S		DATE	BY	
9'4	X SIZE 4 x 24' GN LOADS	, PE (TX PE #85829) (TX Firm #F-004063)		TATEO	ETEX	ار ا در ا	boro, NC 27410
+2	24.2 PSF 28.4 PSF	line, PE (T PA (TX Fir	THO	MAS L. S	MELME!	RDINE	e., Greens
+3	ST LOADS 66.3 PSF 12.6 PSF	Thomas L. Shelmerdine, PE Structural Solutions, PA (TX I	TX	858 4/cei		م المالية المالية المالية	5921-G W. Friendly Ave., Greensboro, NC 27410
			An	nary			

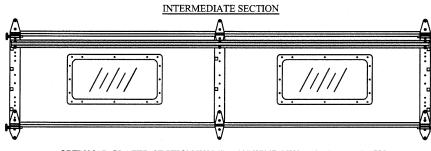


MODEL 2000 AMARR 2002, 2012, 2022

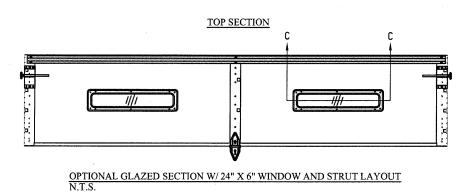
SIZE	Drawn by	DRD	DATE	5/23/18	DRAWING NUMBER
В	CHECKED BY	DLJ	DATE	7/25/18	IBC-2009-130-11-R
165 CA			EMATIC NSTON-	SALEM, N.C. 27	7105 SHEET 2 OF 4

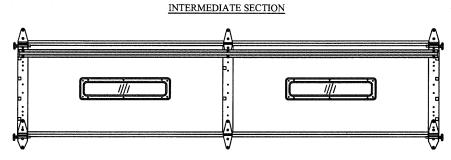


OPTIONAL GLAZED SECTION W/ 24" X 12" WINDOW LAYOUT N.T.S.

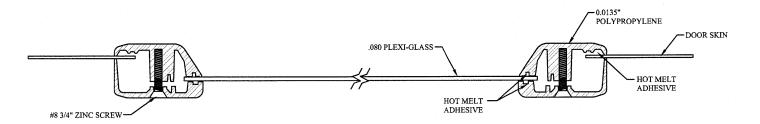


OPTIONAL GLAZED SECTION W/ 24" X 12" WINDOWS AND STRUT LAYOUT N.T.S.

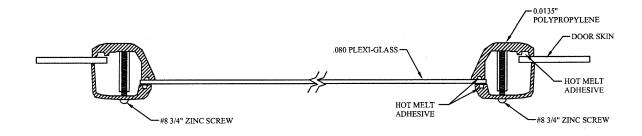




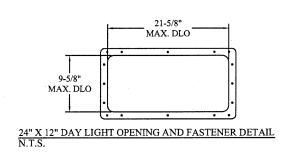
OPTIONAL GLAZED SECTION W/ 24" X 6" WINDOWS AND STRUT LAYOUT N.T.S.

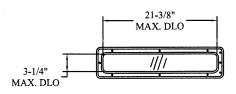


SECTION B-B 24" X 12" WINDOW DETAIL W/ .080 PLEXI-GLASS N.T.S.



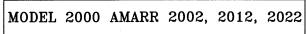
 $\frac{\text{SECTION C-C}}{\text{N.T.S.}} \text{ 24" X 6" WINDOW DETAIL W/.080 PLEXI-GLASS}$ N.T.S.





 $\underline{\text{24" X 6" DAY LIGHT OPENING AND FASTENER DETAIL}}$ N.T.S.

REV	DESCRIPTION	of Revisi	ONS		DATE	BY	
DESI +2 -2 TES +3	4.2 PSF 8.4 PSF 6T LOADS 6.3 PSF	L. Shelmerdine, PE (TX PE #85829) Solutions, PA (TX Firm #F-004063)	* THO	MAS L. S 85 1/ce	FTE	TERDING TO THE PARTY OF THE PAR	5921-G W. Friendly Ave., Greensboro, NC 27410
-4	2.6 PSF	Thomas I Structural	TX Am		ALEN		5921-G W. F

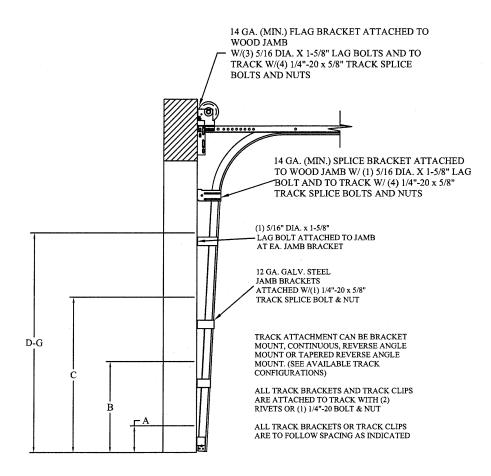


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SIZE	DRAWN BY	DRD	DATE	5/23/18		0	RAV	MNG	NUMBER	
В	CHECKED BY	DLJ	DATE	7/25/18		IBC-2	200)9–	130-11-	R
165 CA			EMATION-	SALEM, N.C. 2	27105	SHEET	3	0F	4	

TABLE 1

Section	Center	1					
00000011	Stile	Loads Allowed					
Width	1st	Positive	Negitive				
(ft)	(in)	(PSF)	(PSF)				
6' 0	36"	37.4	43.9				
6' 2	37"	36.4	42.7				
6' 4	38"	35.4	41.6				
6' 6	39"	34.5	40.5				
6' 8	40"	33.6	39.5				
6' 10	41"	32.8	38.5				
7' 0	42"	32.0	37.6				
7' 2	43"	31.3	36.7				
7' 4	44"	30.6	35.9				
7' 6	45"	29.9	35.1				
7' 8	46"	29.3	34.3				
7' 10	47"	28.7	33.6				
8' 0	48"	28.1	32.9				
8' 2	49"	27.5	32.2				
8' 4	50"	27.0	31.6				
8' 6	51"	26.4	30.9				
8' 8	52"	25.9	30.3				
8' 10	53"	25.4	29.9				
9' 0	54"	24.9	29.3				
9' 2	55"	24.5	28.8				
9' 4	56"	24.2	28.4				



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

TABLE 2

DO	OR					TR	ACK AT	TACHM	ENT					TYPICAL
HEI	GHT	Α	В	С	D	E	F	G	Н	I	J	K	L	SPLICE
7'	0"	10"	34"	58"										76"
7'	6"	10"	34"	58"										82"
8'	0"	10"	34"	58"										88"
8'	6"	10"	34"	58"	70"									94"
9'	0"	10"	34"	58"	70"									100"
9'	6"	10"	34"	58"	70"	94"								106"
10'	0"	10"	34"	58"	70"	94"								112"
11'	0"	10"	34"	58"	70"	94"								124"
12'	0"	10"	34"	58"	70"	94"	118"							136"
13'	0"	10"	34"	58"	70"	94"	118"							148"
14'	0"	10"	34"	58"	70"	94"	118"	142"						160"
15'	0"	10"	34"	58"	70"	94"	118"	142"						172"
16'	0"	10"	34"	58"	70"	94"	118"	142"	166"					184"
17'	0"	10"	34"	58"	70"	94"	118"	142"	166"					196"
18'	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"				208"
19'	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"				220"
20'	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"			232"
21	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"			244"
22	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"	238"		256"
23	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"	238"		268"
24	0"	10"	34"	58"	70"	94"	118"	142"	166"	190"	214"	238"	262"	280"

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

