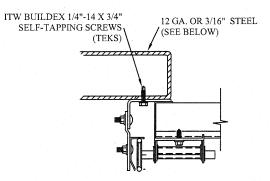


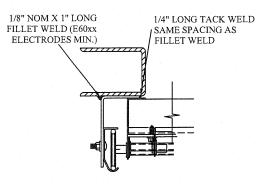
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



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

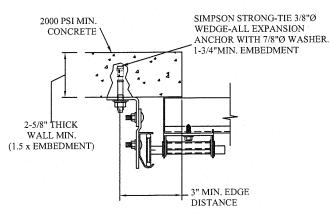
12 GA. STEEL FRAMING
232 LBS./SCREW ALLOWABLE LOAD - 6" FROM ENDS
AND 24" O.C.
REFER TO NOTES: 1, 2 AND 5

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



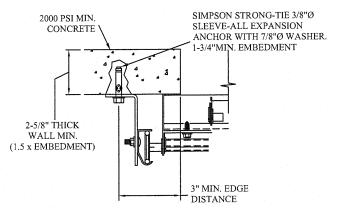
REVERSE ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED
ANGLE MOUNT AVAILABLE

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 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: +93.1 LBS/FT & -107.1 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 ALTERNATE BETWEEN (1) 3" 20GA STRUT & (1) 2" 20GA STRUT 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 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS

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)

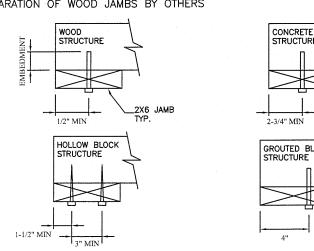
AT 24" O.C. (1 1/2" EMBEDMENT)

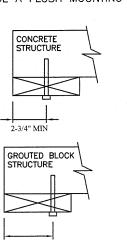
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C. (1 1/4" EMBEDMENT)

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)

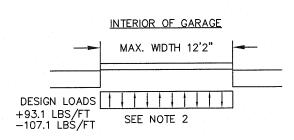
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. *PREPARATION OF WOOD JAMBS BY OTHERS





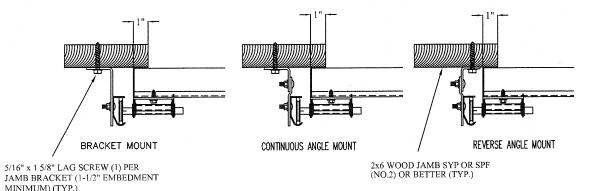
NOTES:

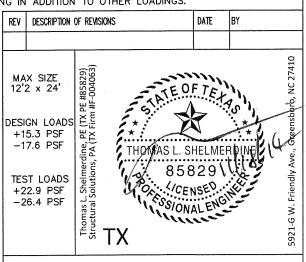
- 1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
- 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
- 3. MIN. EGDE DISTANCE OF 3" REQUIRED.
- 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.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



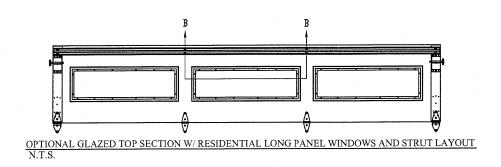


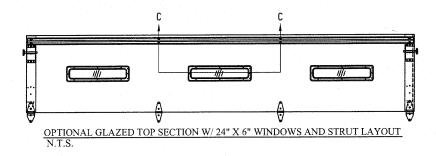
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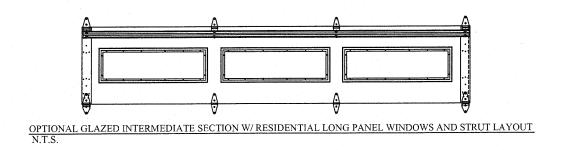
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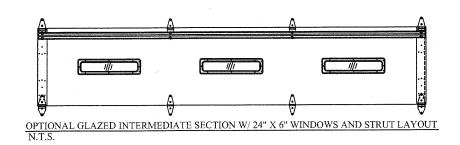
MODEL	1380	

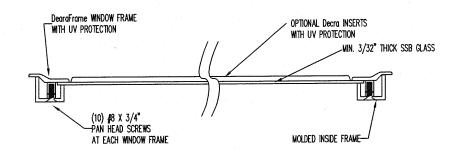
SIZE	DRAWN BY	RS	DATE	09/08/14	DRAWING NUMBER
В	CHECKED BY	RLR	DATE	09/08/14	IBC-1812-104-15
					SHFFT 2 OF 4



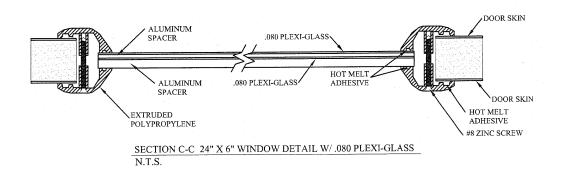


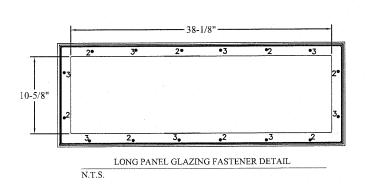


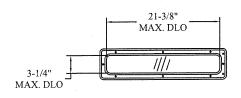




SECTION B-B RESIDENTIAL LONG PANEL WINDOW DETAIL N.T.S.







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

	DECODED TO U	or DEMON	nuc .			DATE	Inv	
KEV	REV DESCRIPTION OF REVISIONS					DATE	BI	
-							<u> </u>	~
DESI +1 -1 TES +2	2 x 24' GN LOADS 5.3 PSF 7.6 PSF ST LOADS 2.9 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	TX	/	858	HELME 329 NSEP.	PDIN 14	5921-G W. Friendly Ave., Greensboro, NC 27410
	E		TR	<i>E///</i>	ИД			
	12'. DESI +1 -1 TES +2	MAX SIZE 12'2 × 24' DESIGN LOADS +15.3 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF	MAX SIZE, 12'2 × 24' DESIGN LOADS +15.3 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF -26.4 PSF	MAX SIZE 12'2 × 24' DESIGN LOADS +15.3 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF TEST LOADS	MAX SIZE 12'2 x 24' DESIGN LOADS +15.3 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF TX	MAX SIZE 12'2 x 24' DESIGN LOADS +15.3 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF TX	MAX SIZE 12'2 × 24' DESIGN LOADS +15.3 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF TX TX E OF 7E THOMAS L. SHELME * THOMAS L. SHELME * TABLE 12'2 × 24' THOMAS L. SHELME * TABLE 12'2 × 24' THOMAS L. SHELME * TX TX TX TX TX TX TX TX TX	MAX SIZE 12'2 x 24' DESIGN LOADS +15.3 PSF -17.6 PSF -17.6 PSF TEST LOADS +22.9 PSF -26.4 PSF THOMAS L. SHELMERDIN) ** THOMAS L. SHELMERDIN ** T

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

MODEL 1380

DRAWING NUMBER IBC-1812-104-15

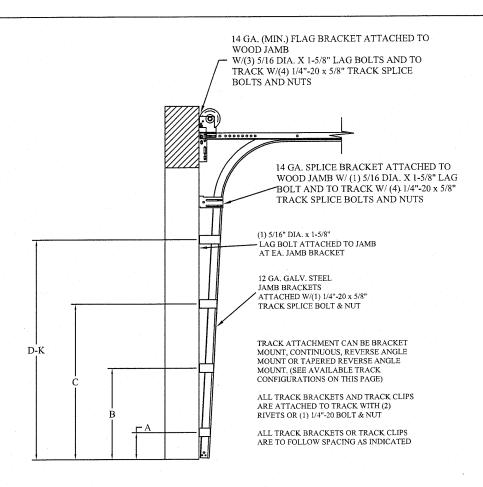
SHEET 3 OF 4

SIZE DRAWN BY RS DATE 09/08/14

B CHECKED BY RLR DATE 09/08/14

TABLE 1

		Cente	er Stile	Max Design Loads			
Sec			ations	Allowed			
Width		1st	2nd	Positive	Negitive		
(f	t)	(in)	(in)	(PSF)	(PSF)		
6'	6' 0" 36"		_	20.6	23.7		
6'	2"	37"		20.0	23.0		
6'	4"	38"	-	19.5	22.4		
6'	6"	39"		19.0	21.8		
6'	8"	40"	_	18.5	21.3		
6'	10"	41"	-	18.0	20.8		
7'	0"	42"	_	17.6	20.3		
7'	2"	43"	_	17.2	19.8		
7'	4"	44"		16.8	19.4		
7'	6"	45"	-	16.4	18.9		
7'	8"	46"	_	16.1	18.5		
7'	10"	47"		15.7	18.1		
8'	0"	48"	—	15.4	17.7		
8'	2"	49"	-	15.1	17.4		
8'	8' 4" 50"		_	14.8	17.0		
8'	6"	51"	-	14.5	16.7		
8'	8"	52"		14.2	16.4		
8'	10"	53"		14.0	16.1		
9'	0"	54"	-	13.7	15.8		
9'	2"	37"	73"	20.3	23.3		
9'	4"	36"	76"	19.4	22.3		
9'	6"	37"	77"	19.1	22.0		
9'	8"	38"	78"	18.9	21.7		
9'	10"	39"	79"	18.6	21.5		
10'	0".	40"	80"	18.4	21.2		
10'	2"	41"	81"	18.2	20.9		
10'	4"	42"	82"	17.9	20.6		
10'	6"	43"	83"	17.6	20.2		
10'	8"	44"	84"	17.3	19.9		
10'	10"	45"	85"	17.0	19.6		
11'	0"	46"	86"	16.8	19.3		
11'	2"	47"	87"	16.5	19.0		
11'	4"	48"	88"	16.3	18.7		
11'	6"	49"	89"	16.1	18.5		
11'	8"	50"	90"	15.8	18.2		
11'	10"	51"	91"	15.6	18.0		
12'	0"	48"	96"	15.3	17.6		
12'	2"	49"	97"	15.3	17.6		
Name and Address of the Owner, or other the Owner, where the Owner, which	***************************************						

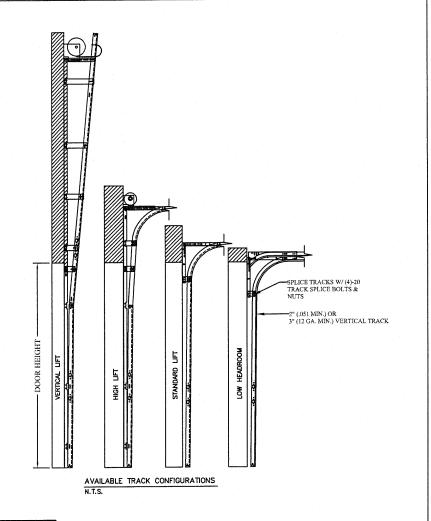


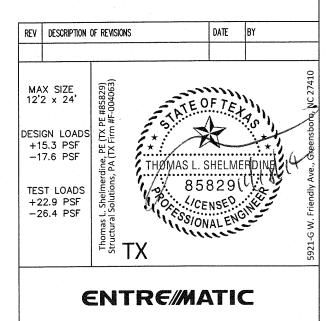
TRACK CONFIGURATION FOR UP TO 24' TALL DOORS
SEE TABLE 2

TABLE 2

DC	OR	TRACK ATTACHMENT								TYPICAL			
HEI	GHT	Α	В	С	D	E	F	G	Н	ı	J	K	SPLICE
7'	0"	10.0"	34"	58"									76"
7'	6"	10.0"	34"	58"									82"
8'	0"	10.0"	34"	58"									88"
9'	0"	10.0"	34"	58"	82"								100"
9'	6"	10.0"	34"	58"	82"								106"
10'	0"	10.0"	34"	58"	82"								112"
11'	0"	10.0"	34"	58"	82"	106"							124"
12'	0"	10.0"	34"	58"	82"	106"							136"
13'	0"	10.0"	34"	58"	82"	106"	130"						148"
14'	0"	10.0"	34"	58"	82"	106"	130"						160"
15'	0"	10.0"	34"	58"	82"	106"	130"	154"					172"
16'	0"	10.0"	34"	58"	82"	106"	130"	154"					184"
17'	0"	10.0"	34"	58"	82"	106"	130"	154"	178"				196"
18'	0"	10.0"	34"	58"	82"	106"	130"	154"	178"				208"
19'	0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"			220"
20'	0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"			232"
21	0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"		244"
22	0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"		256"
23	0"	10.0"	34"	58"	82"	106"	130"	154"	178"	202"	226"	250"	268"
24	0"	10.0"	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





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MODEL 1380

-	SIZE	DRAWN BY	RS	DATE	09/08/14	DRAWING NUMBER
	В	CHECKED BY	RLR	DATE	09/08/14	IBC-1812-104-15
						SHEET 4 OF 4