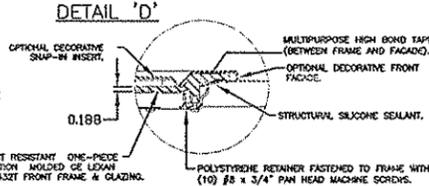
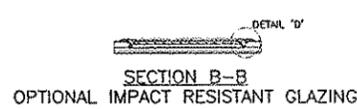
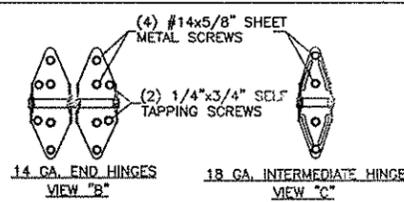


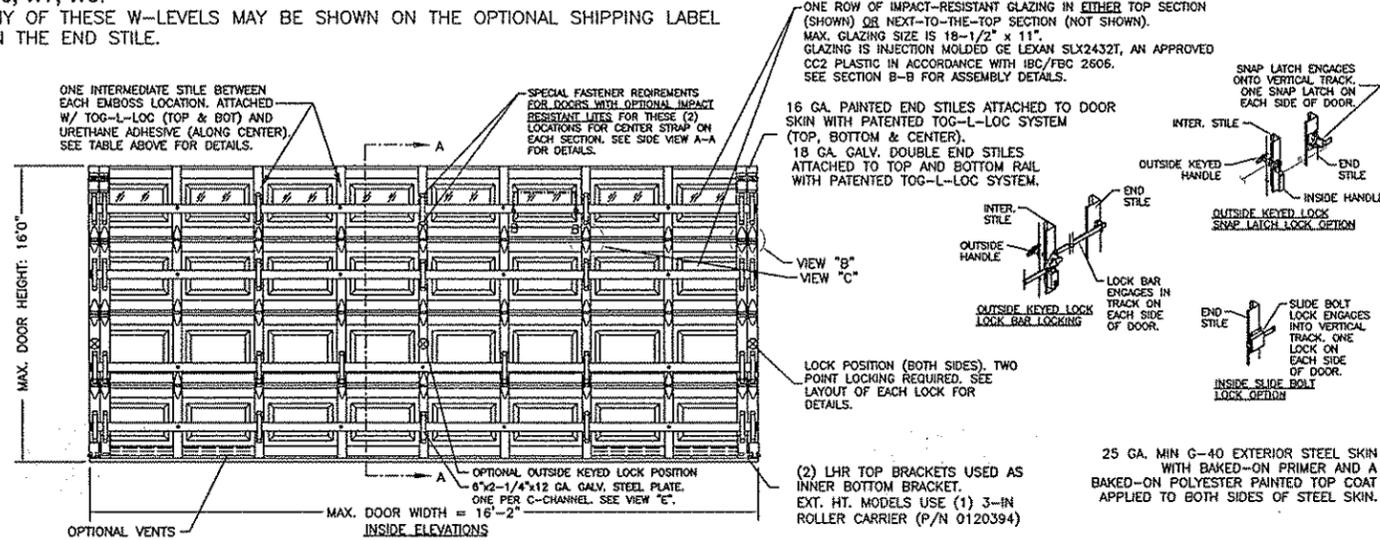
MODELS	24 GA	25 GA	DOOR HEIGHT	# OF SECTIONS	DOOR WIDTH	# OF INTERM. STILES (PER SECTION)	# OF INTERM. HINGES (PER JOINT)	# OF STRAPS (PER C-CHNL.)
CLOPAY	84A, 94, 98	---	UP TO 7'0"	4	9'2" TO 9'10"	3	3	5
IDEAL	4F, 4RST	---	7'3" TO 8'9"	5	10'0" TO 11'10"	4	4	6
HOLMES	48, 48B	---	10'0" TO 10'6"	6	12'0" TO 13'10"	5	5	6
			10'9" TO 12'3"	7	14'0" TO 15'10"	6	6	8
			12'6" TO 14'0"	8	16'0" TO 16'2"	7	7	7
			14'3" TO 15'9"	9				
	SHORT/FLUSH PANEL		16'0"	10				
			MAX SECTION HEIGHT: 21'					



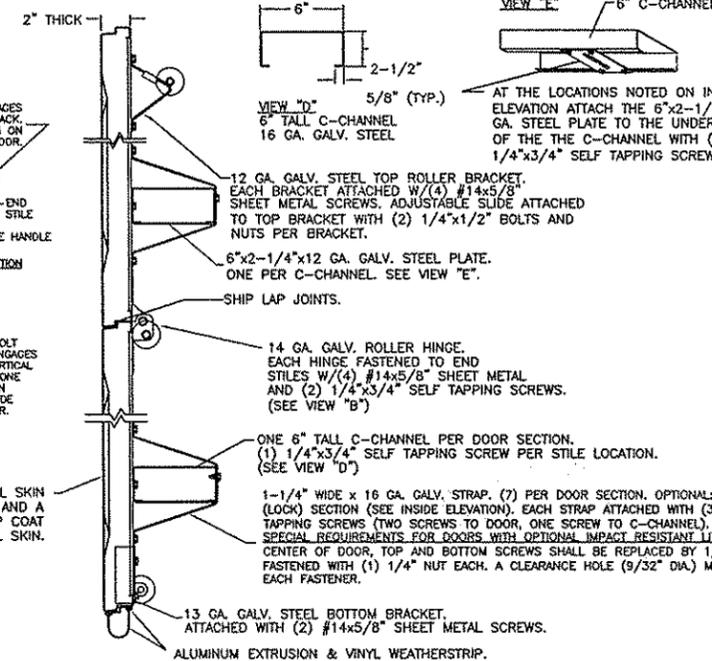
REV	DATE	DESCRIPTION
13	11/30/07	HOLMES NOW AVAIL UP TO 12'
14	07/07/08	MAX HT INCREASED TO 16'
15	08/08/08	ADDED 48B.
16	08/2009	REVISED FOR TDI.

EQUIVALENT SECTION CONSTRUCTION: FOR ANY OF THE MODELS LISTED ON THIS DRAWING, THE FOLLOWING W-LEVEL DOORS USE EQUIVALENT SECTIONS (FROM 9'2" UP TO THE MAXIMUM WIDTH ALLOWED ON THIS DRAWING). W6, W7, W8.

ANY OF THESE W-LEVELS MAY BE SHOWN ON THE OPTIONAL SHIPPING LABEL ON THE END STILE.

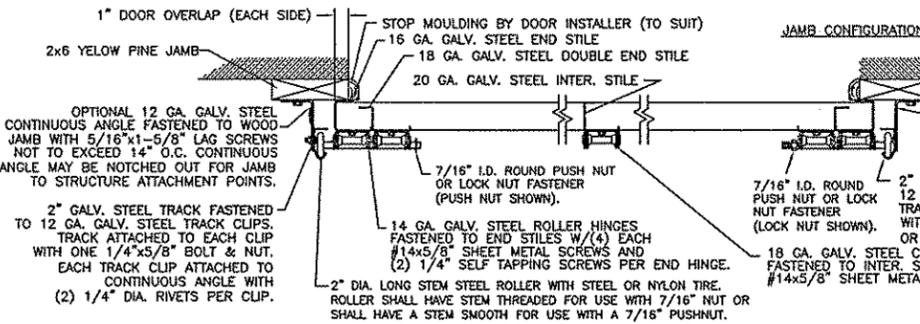


SECTION A-A (SIDE VIEW)



IN THE CASE OF GYPSUM WALLBOARD LOCATED AT OR NEAR THE DOOR OPENING LOCATION THERE ARE TWO ACCEPTABLE ALTERNATIVES:

- 1) THE WALLBOARD CAN BE CUT AWAY FROM THE DOOR OPENING AND 2X6 SOUTHERN YELLOW PINE WOOD JAMBS MOUNTED DIRECTLY TO THE SUPPORTING STRUCTURE TO CREATE THE MOUNTING SURFACE. ALTERNATIVELY, THE BRACKETS MAY BE ATTACHED DIRECTLY TO THE SUPPORTING STRUCTURE. SEE DETAIL BELOW. THE CENTER OF SCREW HOLE MUST BE AT LEAST 1/2" FROM BOTH EDGES FOR A 5/16" LAG SCREW.
- 2) IF THE WALLBOARD IS NOT CUT AWAY TO EXPOSE THE UNDERLYING STRUCTURE (WOOD FRAMING MEMBERS), A 2X6 SOUTHERN YELLOW PINE WOOD BUCK OVER SHALL BE INSTALLED THE WALLBOARD FRAMING THE OPENING USING THE JAMB ATTACHMENT FASTENERS LISTED BELOW. HOWEVER, THE JAMB ATTACHMENT FASTENERS MUST BE OF A SUFFICIENT INCREASED LENGTH TO ACCOUNT FOR THE THICKNESS OF THE WALLBOARD TO ENSURE PROPER FASTENER EMBEDMENT INTO THE SUPPORTING STRUCTURE.



PREPARATION OF JAMBS BY OTHERS.

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THE DRAWING.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):

3/8"x3" LAG SCREWS ON 19" CENTERS. 1-1/8" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

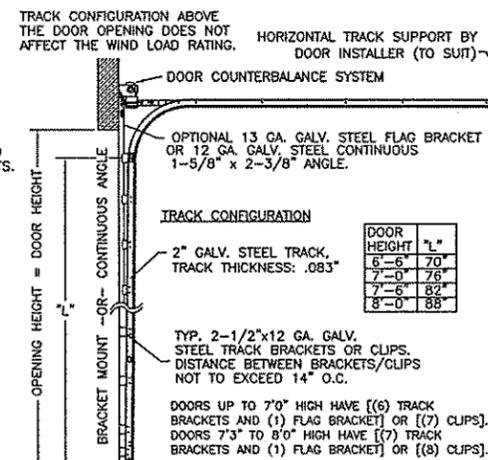
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):

3/8"x3" SLEEVE ANCHOR BOLTS ON 11" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

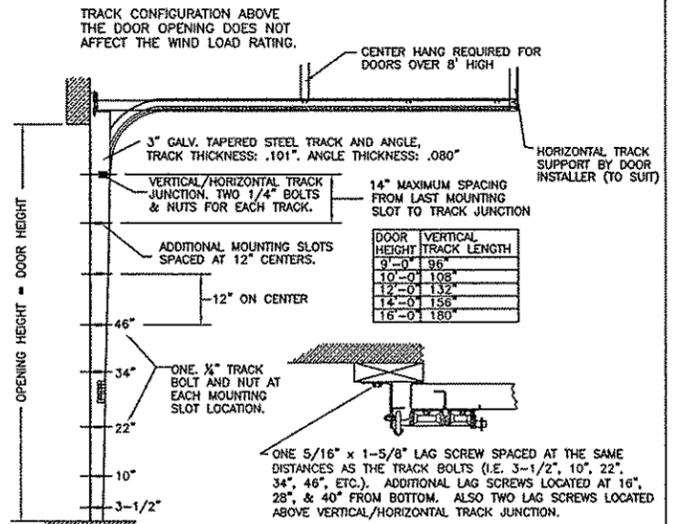
OR 1/4"x3" TAPCON SCREWS ON 8" CENTERS (2,000 PSI MIN. CONCRETE) OR 5" CENTERS (C-90 BLOCK). 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

TRACK CONFIGURATION: DOORS UP TO 8'0" HIGH



TRACK CONFIGURATION: DOORS 8'3" UP TO 16'0" HIGH



THIS DOOR MEETS THE REQUIREMENTS OF THE LARGE MISSILE IMPACT AND CYCLIC TESTING.

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	140	150	150
EXPOSURE LEVEL	B	or C	B C
MEAN ROOF HEIGHT	30'	30'	25'

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSSED).

*Mark Westerfield*  
10/3/12

DESIGN ENGINEER: MARK WESTERFIELD, P.E.  
FLORIDA P.E. #48495,  
NC P.E. #23832,  
TEXAS P.E. #91513

**Glopay**  
Building Products  
Company  
8585 DUKE BLVD.  
MASON, OH 45040  
(513) 770-4800  
Glopay Corporation All Rights Reserved.

MANUFACTURING PRODUCT CODE: MPC: PAN-2F143	DOOR WEIGHT (W8)	MAX DOOR SIZE: 16'2"W x 16'0"H
DATE: 11/21/94	DESCRIPTION: DOUBLE CAR W8 HURRICANE PAN DOOR	VER: TDI
DRAWN BY: MWW	DRAWING NUMBER: 101300	
CHECKED BY:		

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F.  
TEST LOADS: +70.0 P.S.F. & -78.0 P.S.F.