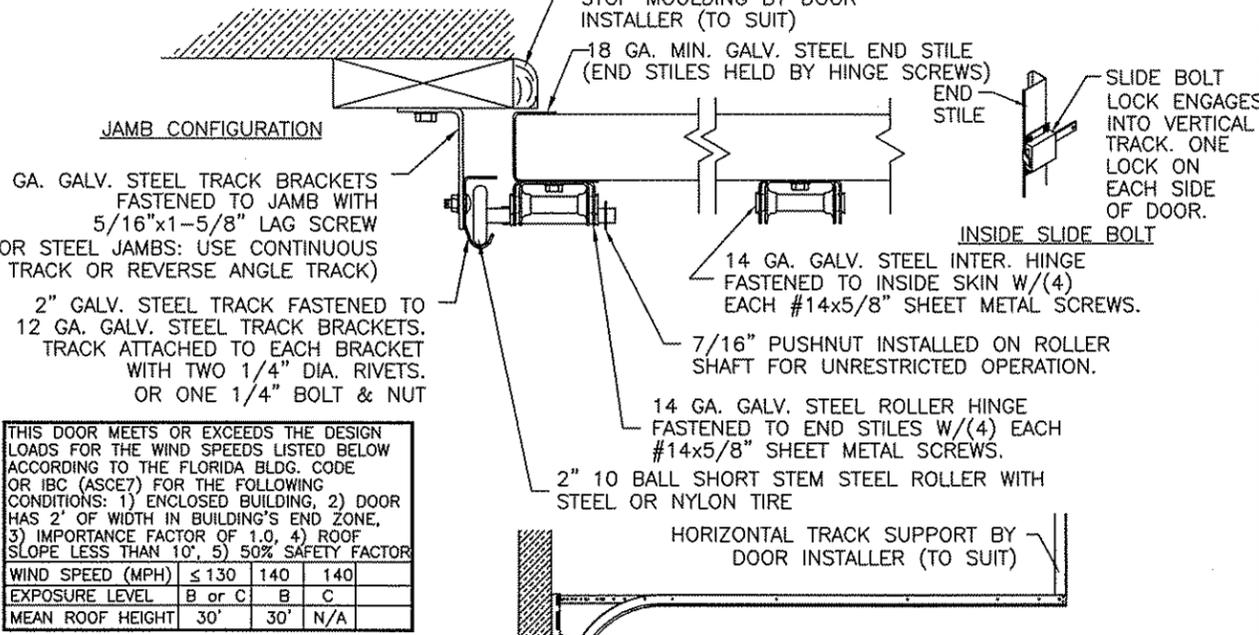
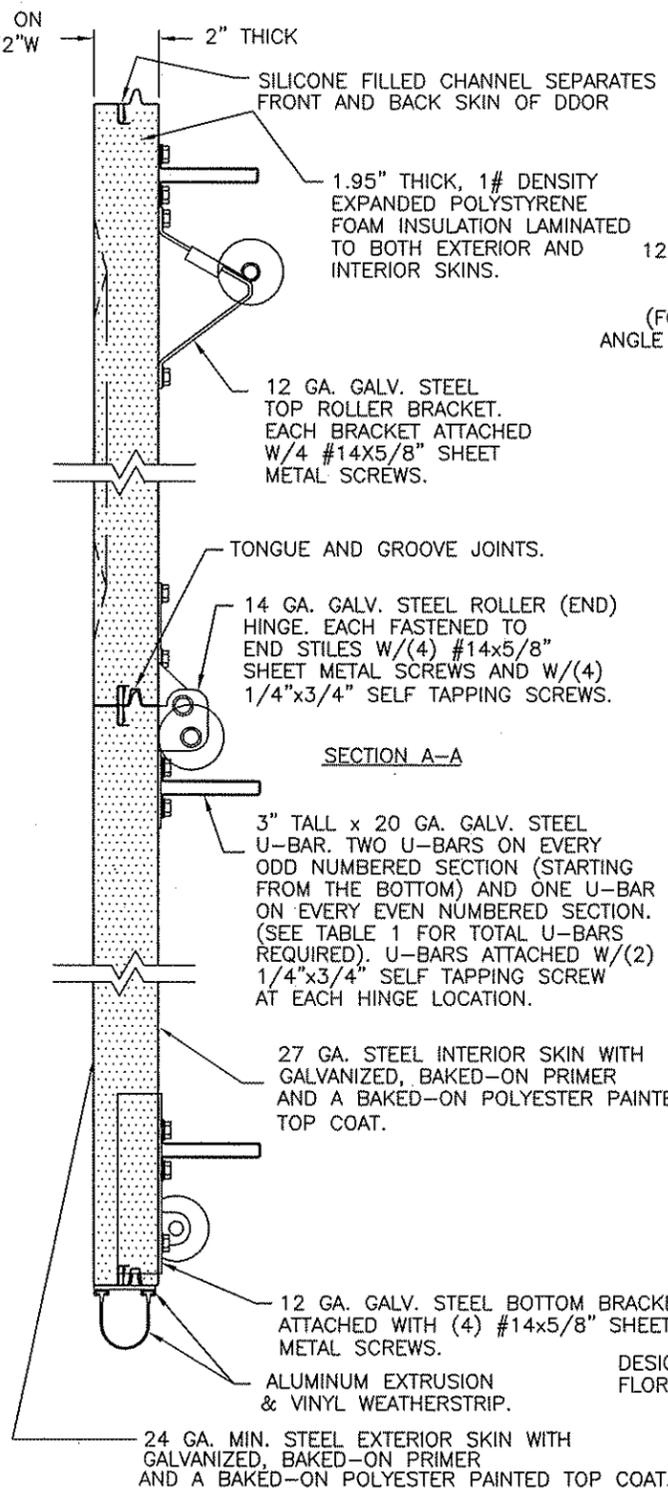
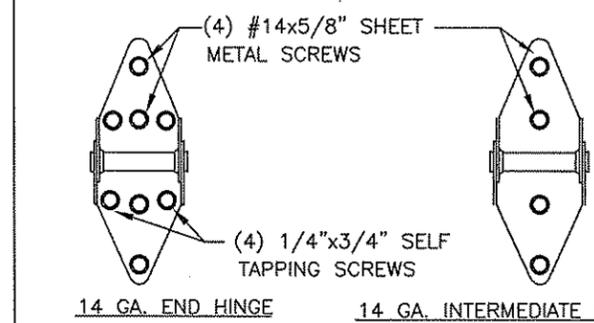
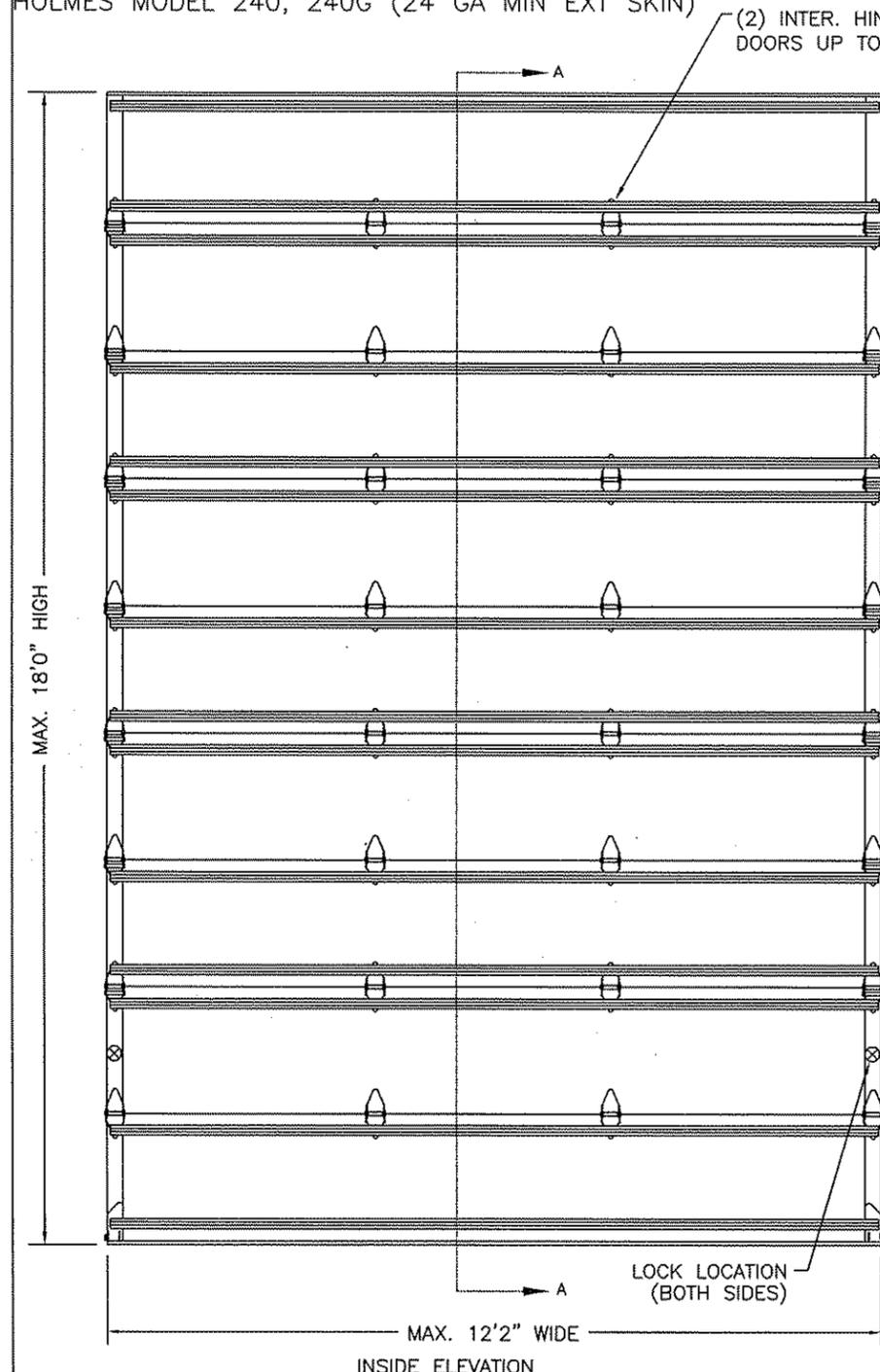


CLOPAY MODEL 3200 (24 GA MIN EXT SKIN), CLOPAY MODEL 3220 (20 GA MIN EXT SKIN)  
 HOLMES MODEL 240, 240G (24 GA MIN EXT SKIN)

REV	DATE	DESCRIPTION
9	08/2012	REVISED FOR TDI.
10	06/2013	REMOVED GLAZING OPTION.



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) ROOF SLOPE LESS THAN 10°, 5) 50% SAFETY FACTOR

WIND SPEED (MPH)	≤ 130	140	140
EXPOSURE LEVEL	B or C	B	C
MEAN ROOF HEIGHT	30'	30'	N/A

TABLE 1

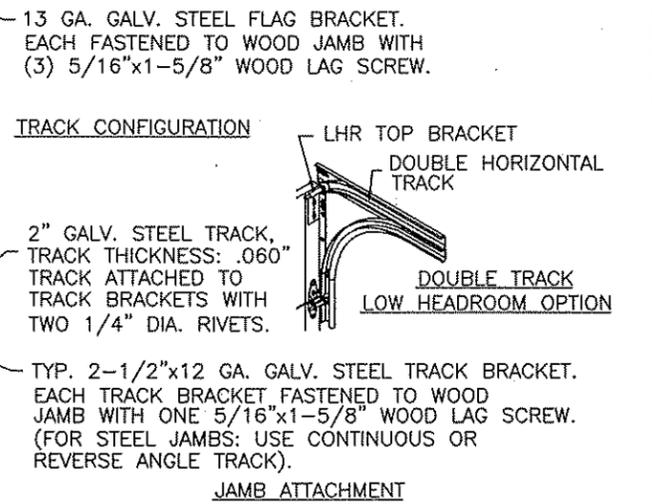
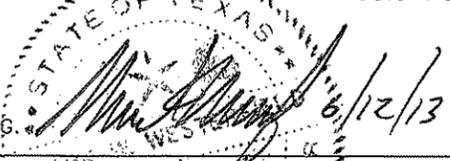
DOOR HEIGHT	TOTAL U-BARS REQUIRED
4'3" TO 6'0"	5
6'3" TO 8'0"	6
8'3" TO 10'0"	8
10'3" TO 12'0"	9
12'3" TO 14'0"	11
14'3" TO 16'0"	12
16'3" TO 18'0"	14

MAX. SECTION HEIGHT: 24"

NOTE: DOUBLE TRACK LOW HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. 3" TRACK ALSO AVAILABLE.

DESIGN ENGINEER: MARK WESTERFIELD, P.E.  
 FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513  
 DESIGN LOADS: +40.0 PSF & -40.0 PSF  
 TEST LOADS: +60.0 PSF & -60.0 PSF

THE SUPPORTING STRUCTURAL ELEMENTS ARE TO BE DESIGNED BY THE BUILDING ARCHITECT OR ENGINEER OF RECORD FOR THE LOADS SHOWN ON THIS DRAWING.



- JAMB ATTACHMENT
- PREPARATION OF JAMBS BY OTHERS:
- MASONRY OPENINGS (2 OPTIONS):
- 1/4"x1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR. START AT 7" FROM BOTTOM AND 14" O.C.
  - 3/8"x1-1/2" MIN. EMBED SLEEVE ANCHOR BOLT. START AT 7" FROM BOTTOM AND 16" O.C.
- STEEL OPENINGS (2 OPTIONS):
- 1/8"x1" LONG FILLET WELD (E60XX ELECTRODE MIN.). WELD TO BE LOCATED VERTICALLY ON ANGLE AT 24" CENTER AND TACK WELD TOE OF ANGLE AT SAME SPACING.
  - 1/4"x3/4" SELF TAPPING SCREW. START AT 7" FROM BOTTOM AND 22" O.C.
- WOOD FRAME OPENINGS (1 OPTION):
- 3/8" X 1-1/2" MIN. EMBED LAG SCREW W/ 1-1/8" DIA. WASHER. MIN. 24" O.C.

**Glopay**  
 Building Products  
 Company

CLOPAY BUILDING PRODUCTS COMPANY  
 8585 DUKE BLVD  
 MASON, OH 45040  
 (513) 770-5900

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MANUFACTURING PRODUCT CODE: MPC: C-DSIE-1F447	WINDLOAD RATING W6	MAX DOOR SIZE: 12'2"W x 18'0"H
DATE: 8/28/96	DESCRIPTION: COMM 2" EPS: +40/-40 PSF DESIGN	
DRAWN BY: MWW	DRAWING NUMBER: B 101678	
CHECKED BY:		