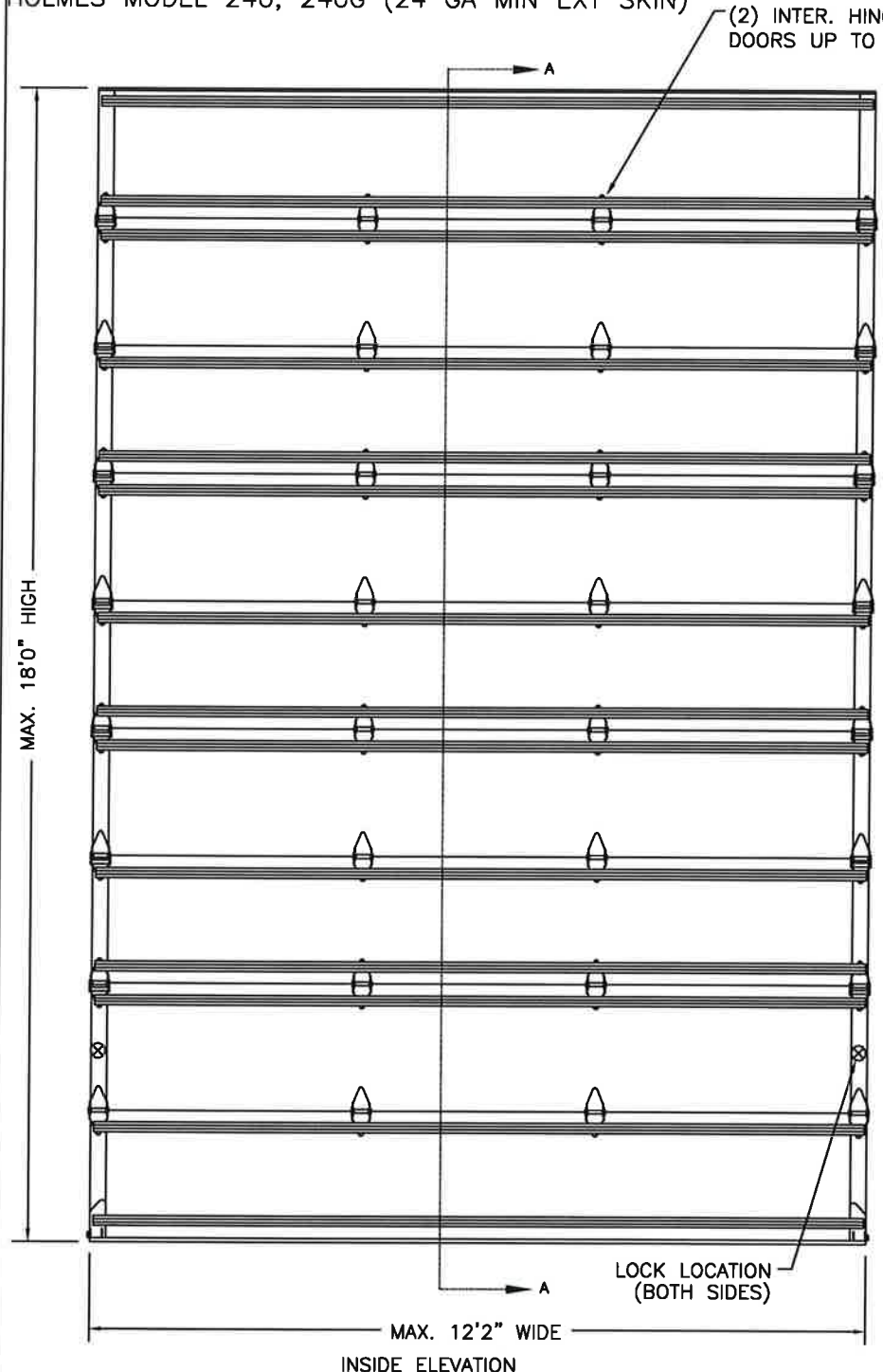


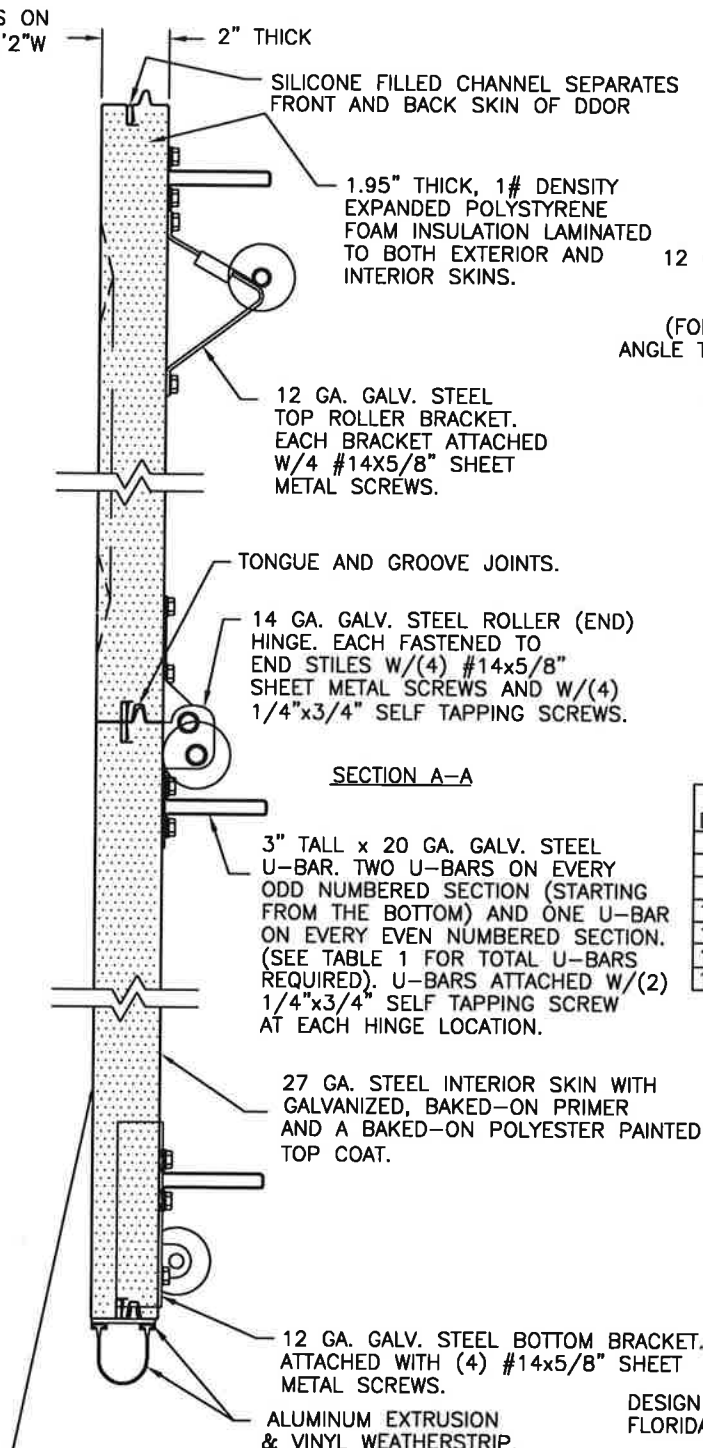
CLOPAY MODEL 3200 (24 GA MIN EXT SKIN), CLOPAY MODEL 3220 (20 GA MIN EXT SKIN)  
 HOLMES MODEL 240, 240G (24 GA MIN EXT SKIN)

REV	DATE	DESCRIPTION
11	08/2016	REMOVED WIND SPEED TABLE.
12	02/2022	REVISED FOR TDI.

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.



INSIDE ELEVATION



SECTION A-A

JAMB CONFIGURATION

12 GA. GALV. STEEL TRACK BRACKETS FASTENED TO JAMB WITH 5/16"x1-5/8" LAG SCREW (FOR STEEL JAMBS: USE CONTINUOUS ANGLE TRACK OR REVERSE ANGLE TRACK)  
 2" GALV. STEEL TRACK FASTENED TO 12 GA. GALV. STEEL TRACK BRACKETS. TRACK ATTACHED TO EACH BRACKET WITH TWO 1/4" DIA. RIVETS. OR ONE 1/4" BOLT & NUT

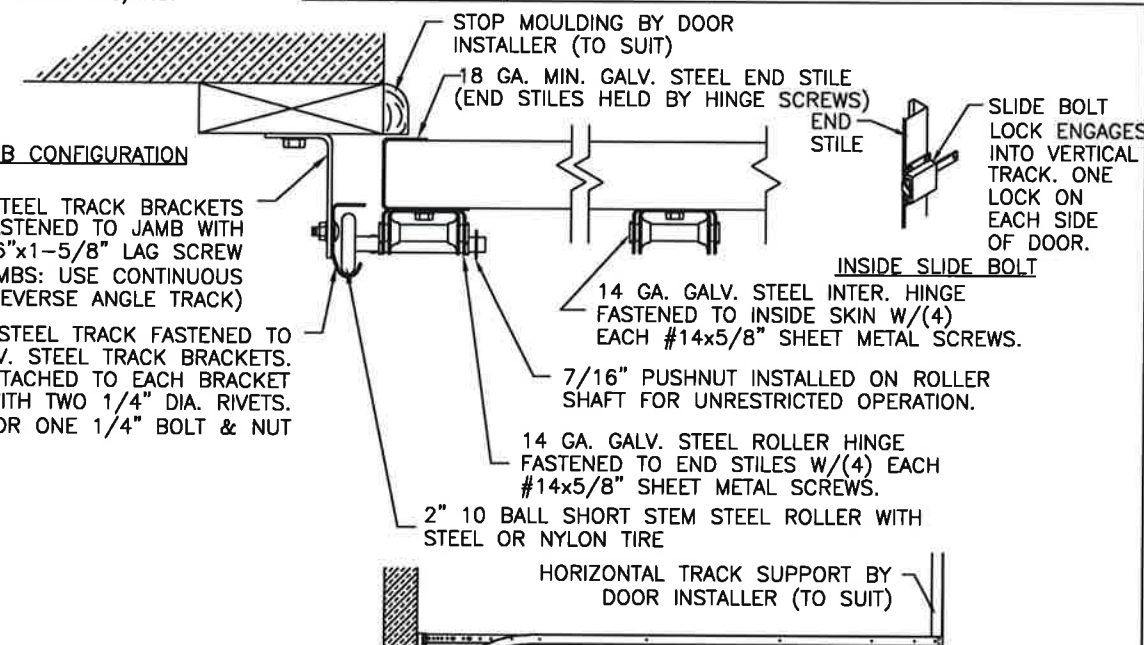
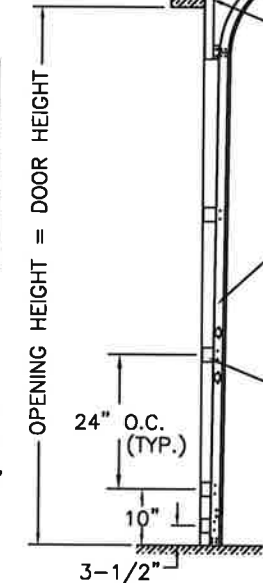


TABLE 1

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.

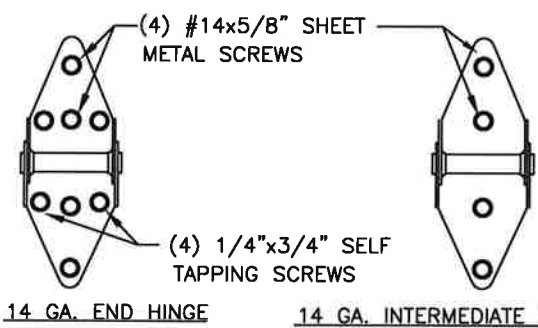


TRACK CONFIGURATION

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" WOOD LAG SCREW.  
 2" GALV. STEEL TRACK, TRACK THICKNESS: .060" TRACK ATTACHED TO TRACK BRACKETS WITH TWO 1/4" DIA. RIVETS.  
 TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. EACH TRACK BRACKET FASTENED TO WOOD JAMB WITH ONE 5/16"x1-5/8" WOOD LAG SCREW. (FOR STEEL JAMBS: USE CONTINUOUS OR REVERSE ANGLE TRACK).

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.



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

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



CLOPAY CORPORATION  
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 MASON, OH 45040  
 (513) 770 - 4800

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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:		