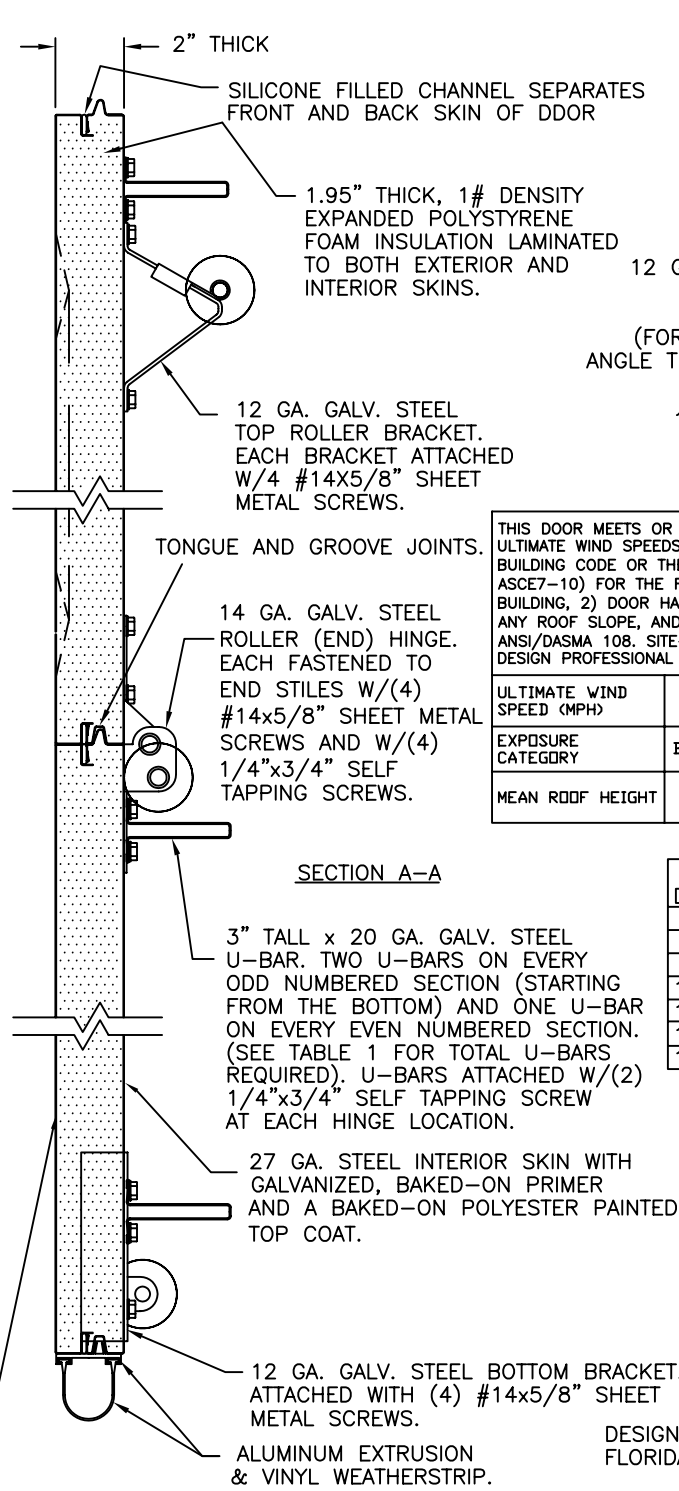
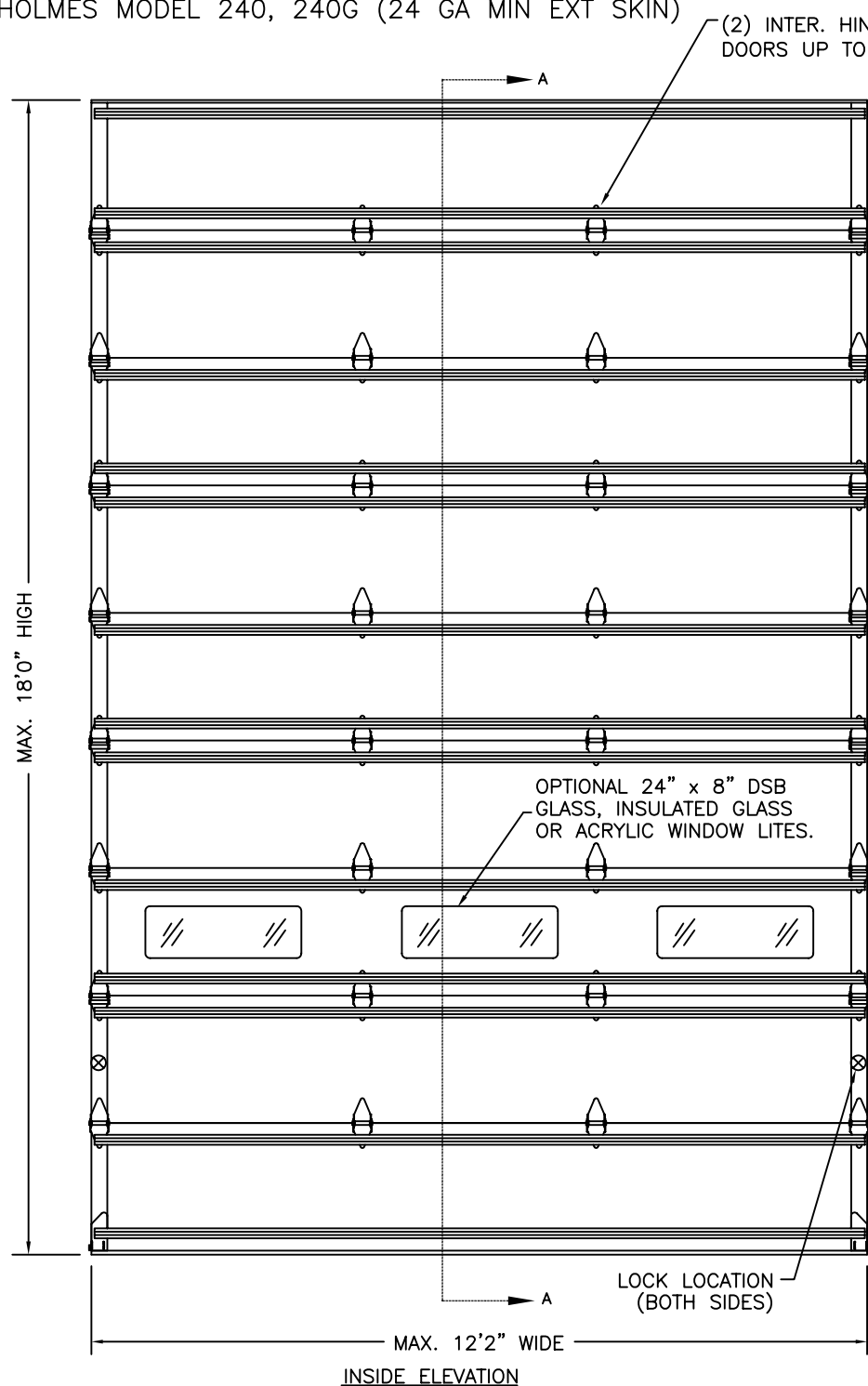


CLOPAY MODEL 3200 (24 GA MIN EXT SKIN), CLOPAY MODEL 3220 (20 GA MIN EXT SKIN)
 HOLMES MODEL 240, 240G (24 GA MIN EXT SKIN)

REV	DATE	DESCRIPTION
7	11/2008	ADDED MPC; UPDATED JAMB ATTACHMENT.
8	02/2012	UPDATED WINDCODE CHART.



THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE ULTIMATE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE OR THE INTERNATIONAL BUILDING CODE (BASED ON ASCE7-10) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) ANY ROOF SLOPE, AND 4) TESTING IN ACCORDANCE WITH ANSI/DASMA 108. SITE-SPECIFIC CALCULATIONS BY A QUALIFIED DESIGN PROFESSIONAL MAY DIFFER.

ULTIMATE WIND SPEED (MPH)	155	160	170	180	200
EXPOSURE CATEGORY	B, C, D	B, C, D	B, C	B, C	B
MEAN ROOF HEIGHT	25'	15'	25'	15'	30'

TABLE 1

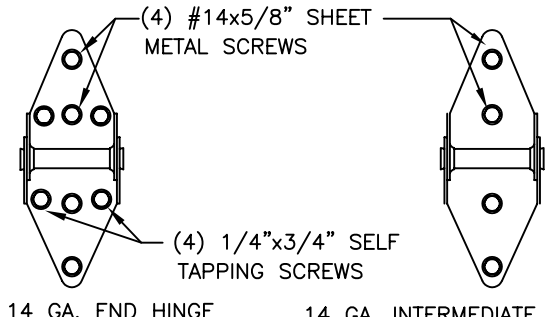
DOOR HEIGHT	TOTAL U-BARS REQUIRED
4'3" TO 6'0"	5
6'3" TO 8'0"	6
8'3" TO 10'0"	8
10'3" TO 12'0"	9
12'3" TO 14'0"	11
14'3" TO 16'0"	12
16'3" TO 18'0"	14

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

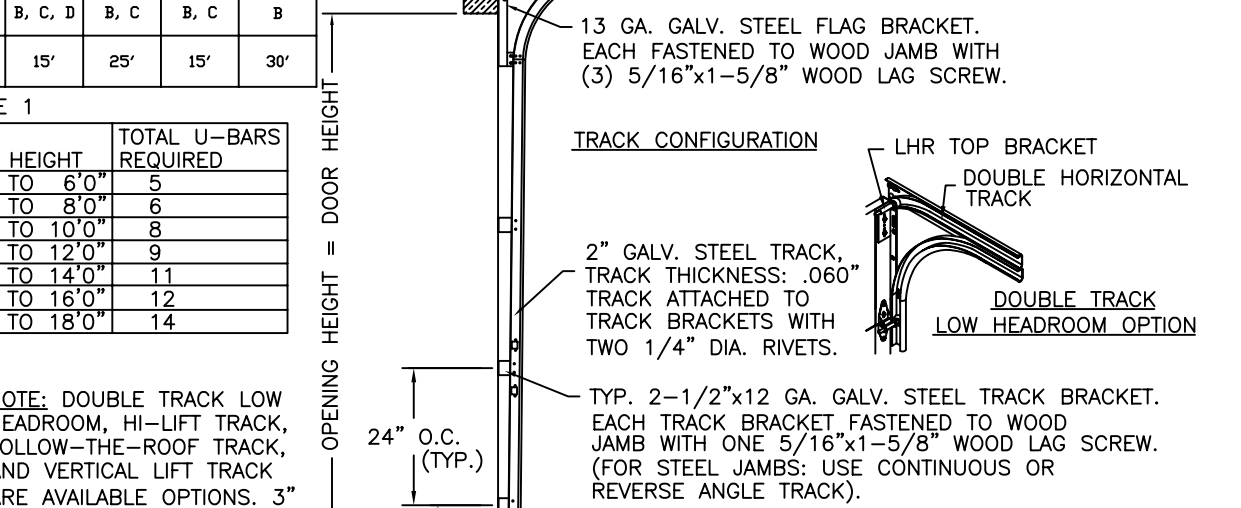
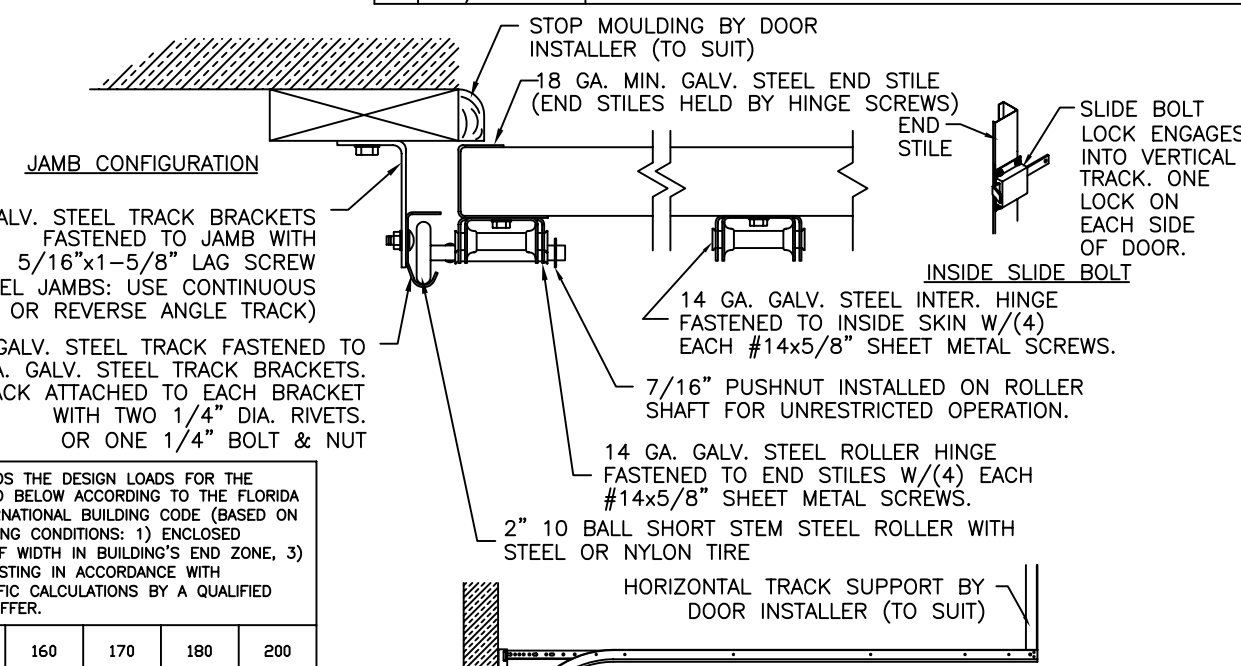
DESIGN ENGINEER: MARK WESTERFIELD, P.E.
 FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
 DESIGN LOADS: +40.0 PSF & -40.0 PSF
 TEST LOADS: +60.0 PSF & -60.0 PSF

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC)

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



OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE (1/8" DSB, 1/8" ACRYLIC, 1/4" WIRE, 1/2" INSUL.). FULL VISION SECTIONS TO HAVE SAME REINFORCEMENT AS OTHER SECTIONS. OPTIONAL ACRYLIC IS PLASKOLITE OPTIX, AN APPROVED CC2 PLASTIC IN COMPLIANCE WITH IBC/FBC 2606.



- 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.



CLOPAY BUILDING PRODUCTS COMPANY
 8585 DUKE BLVD.
 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:		