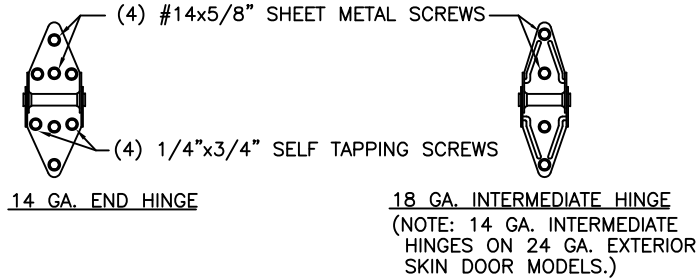
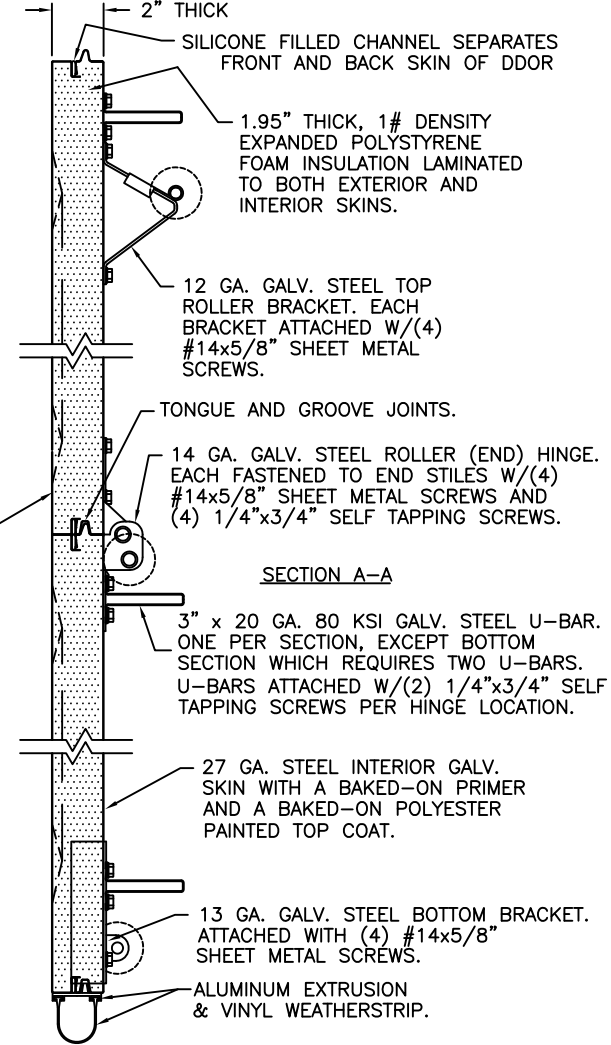
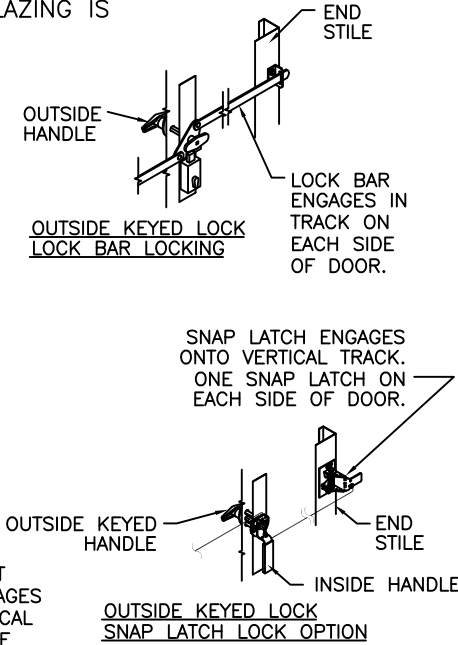
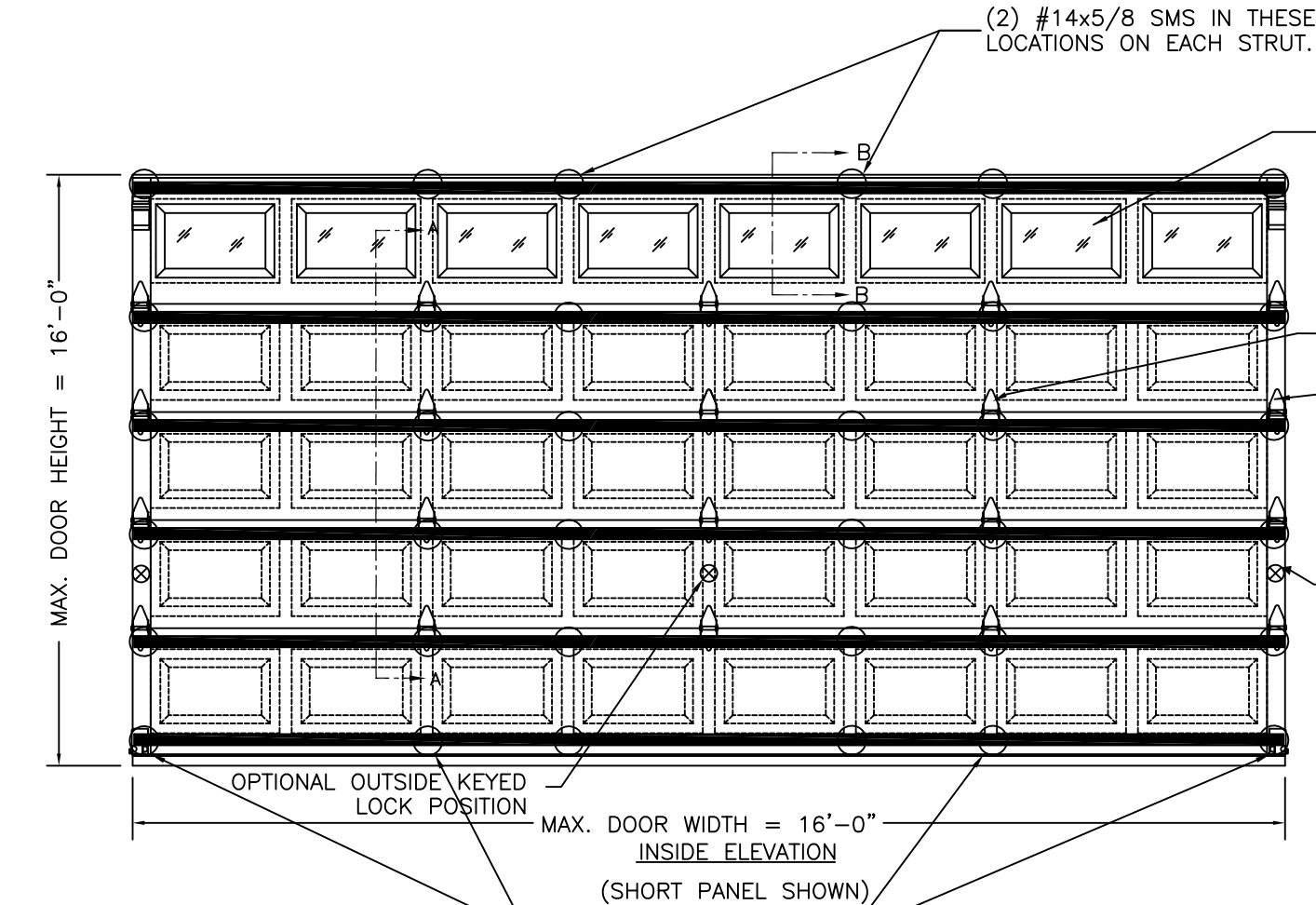


MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG	DOOR HEIGHT	# OF SECTIONS
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL	UP TO 7'0"	4
					7'3" TO 8'0"	5
					8'3" TO 8'9"	5
					9'0" TO 10'6"	6
HOLMES	---	66, 66G, 6200	68, 6201	67, 67G, 6203	10'9" TO 12'3"	7
					12'6" TO 14'0"	8
					14'3" TO 15'9"	9
					16'0"	10
IDEAL	---	SP200	SF200	SE200	MAX SECTION HEIGHT: 21'	

SHEET 1 OF 2

REV	DATE	DESCRIPTION
8	9/2005	ADDED ROLLER OPTION
9	11/30/07	ADDED EXTENDED HEIGHTS AND COMBINED CLOPAY AND HOLMES M/N
10	05/12/08	ADDED MPC INFO AND HDGF, 66G, 67G
11	02/07/11	UPDATED MODEL NUMBERS.
12	01/31/12	REVISED WIND SPEED TABLE FOR ASCE7-10.
13	04/26/12	ADDED IMPACT RESISTANT OPTION.
14	11/09/20	REVISED TITLE BLOCK; REMOVED WIND SPEED TABLE.
15	09/26/23	UPDATED U-BARS TO 80 KSI; ADDED FASTENERS AND PUSH NUTS.



SEE SHEET TWO FOR
IMPACT RESISTANT CONSTRUCTION DETAIL "A"
AND STANDARD CONSTRUCT DETAIL "B";
TRACK AND JAMB DETAILS.

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.5 PSF & -25.5 PSF
TEST LOADS: +38.0 PSF & -38.0 PSF



CLOPAY CORPORATION
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

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MANUFACTURING PRODUCT CODE MPC: DSIE-1F171	WINDLOAD RATING W4	MAX. SIZE: 16'0" x 16'0"
DATE: 6/14/95	DESCRIPTION: WINDLOAD MODELS 4400, 4401, 4310, HDG, HDGL, 4300, 4301	
DRAWN BY: MWW	DRAWING NUMBER: B 101481	
CHECKED BY:		

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

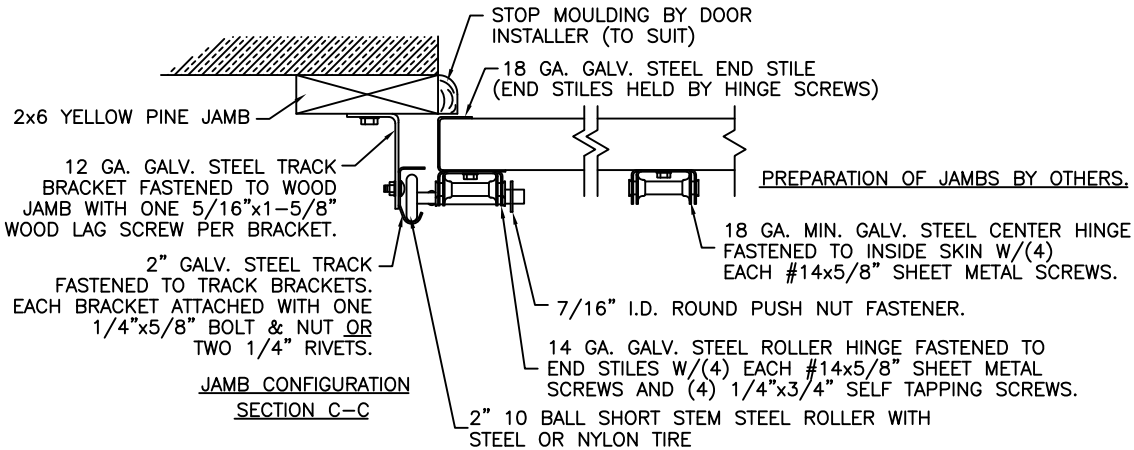
FLORIDA PRODUCT APPROVAL 15279

MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 17.5" CENTERS. 1" O.D.
MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK
(BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING
SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

SHEET 2 OF 2

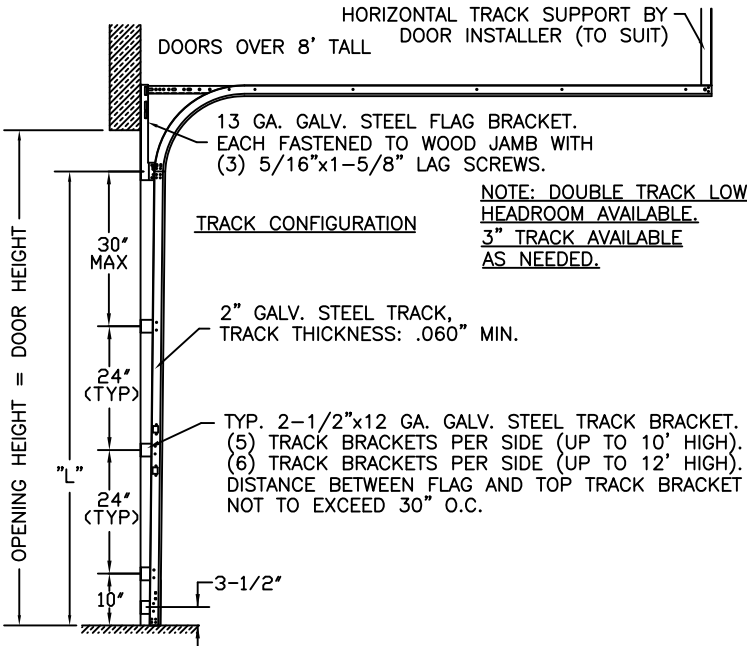
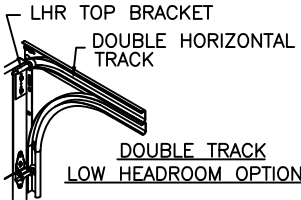
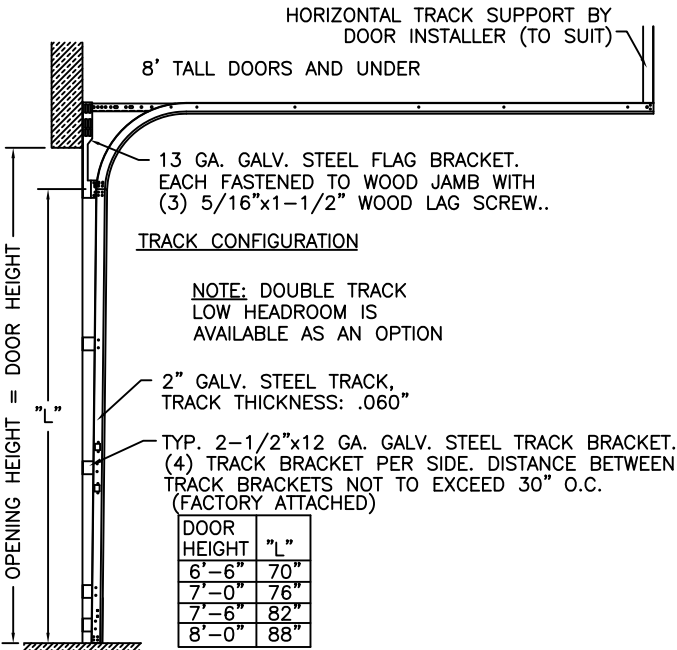
REV	DATE	DESCRIPTION
15	--	SEE REVISION HISTORY ON SHEET ONE.



VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 20" CENTERS (C-90 BLOCK) OR 24" CENTERS (2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 16-3/4" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS. 1" O.D. MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

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.

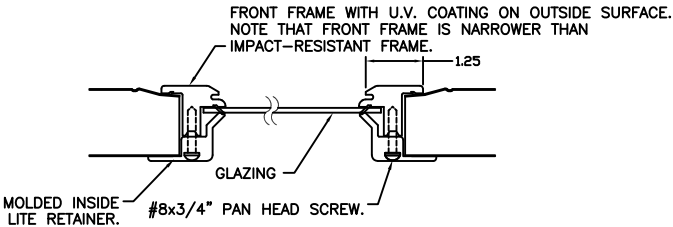
NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.



DOOR HEIGHT	"L"
8'6"	94"
9'0"	100"
9'6"	106"
10'0"	112"
10'6"	118"
11'0"	124"
11'6"	130"
12'0"	136"
12'6"	142"
13'0"	148"
13'6"	154"
14'0"	160"
14'6"	166"
15'0"	172"
15'6"	178"
16'0"	184"

STANDARD ASSEMBLY DETAILS
DRAWING 101481-B

SECTION B-B (NON-IMPACT RESISTANT GLAZING OPTION)



STANDARD ASSEMBLY CONSTRUCTION:
OPTIONAL SSB, DSB OR 1/8" ACRYLIC LITES AVAILABLE.
OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE
CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606.
THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION 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).

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.5 PSF & -25.5 PSF
TEST LOADS: +38.0 PSF & -38.0 PSF



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