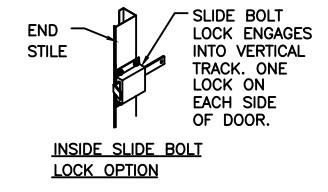
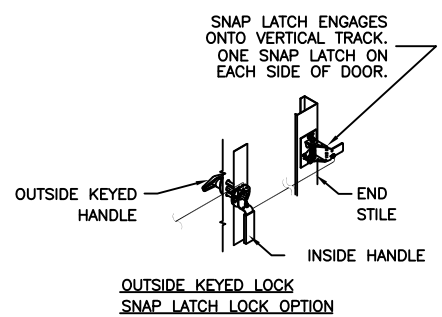
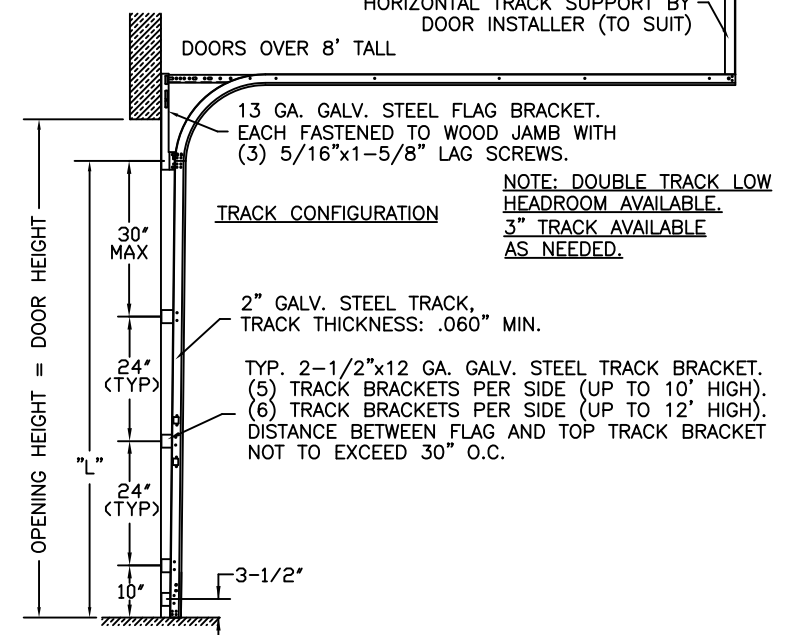
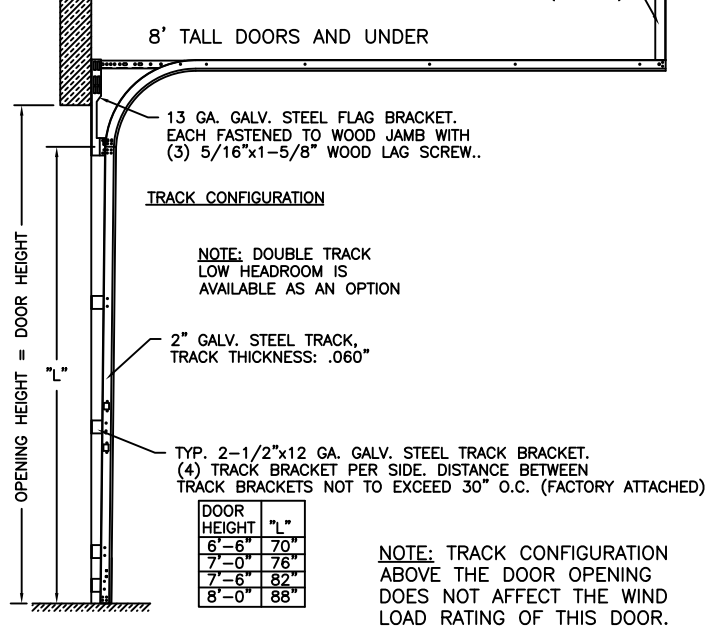
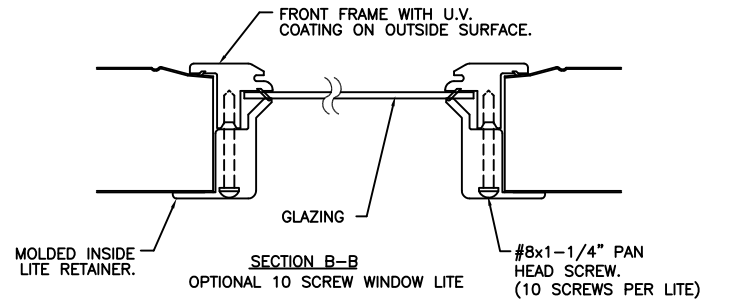
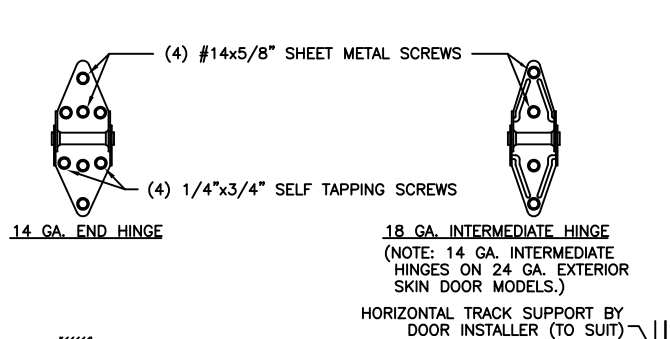
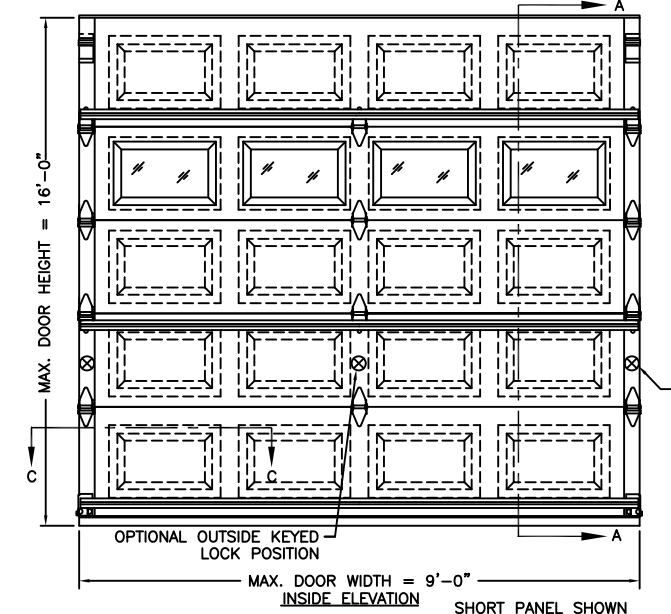
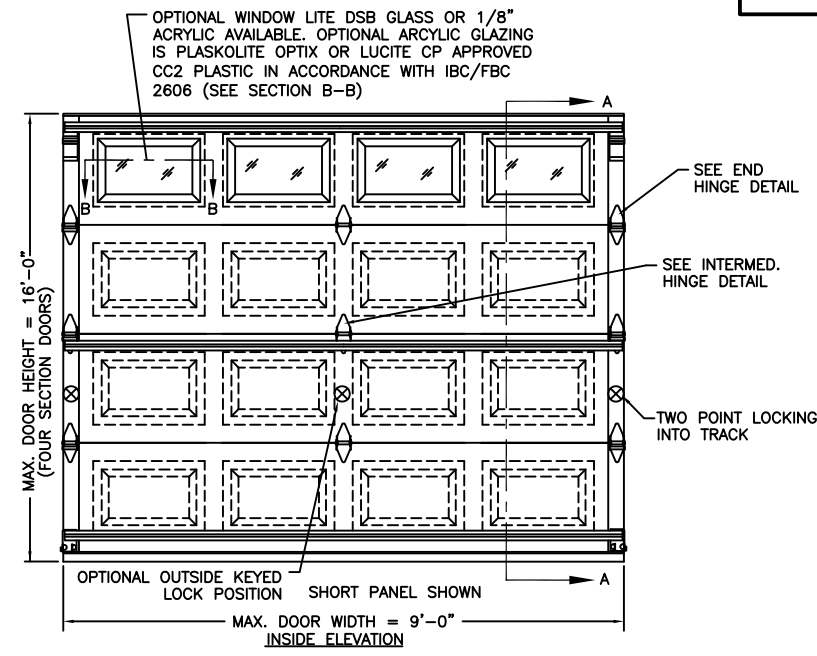


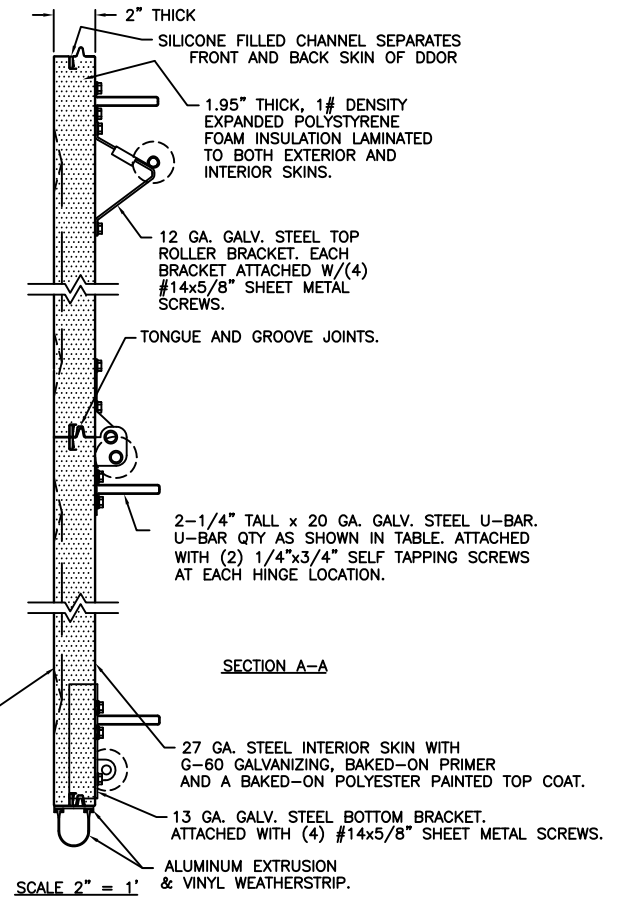
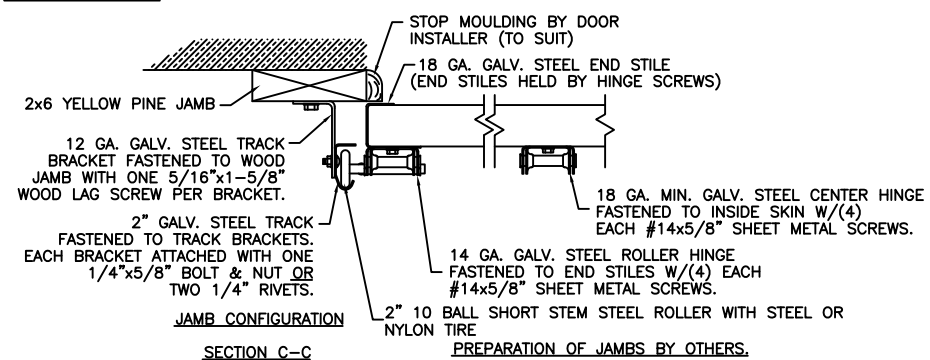
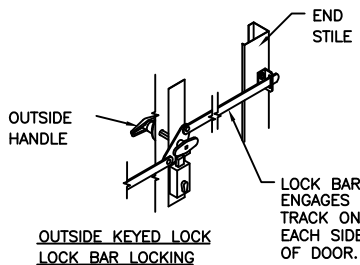
MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG	DOOR HEIGHT	# OF SECTIONS	# OF STRUTS
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL	UP TO 7'0"	4	3
					7'3" TO 8'0"	5	3
					8'3" TO 8'9"	5	4
					9'0" TO 10'6"	6	4
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203	10'9" TO 12'3"	7	5
					12'6"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

REV	DATE	DESCRIPTION
05	6/2005	UPDATED CODE REF.
06	9/2005	ADDED ROLLER OPTION
07	11/30/07	ADDED EXTENDED HEIGHTS AND COMBINED HOLMES AND CLOPAY M/N
08	5/12/07	ADDED MPC INFO AND HDGF, 66G, 67G
09	02/07/11	UPDATED MODEL NUMBERS.



VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2000 PSI MIN. CONCRETE COLUMN):
 3/8"x4" SLEEVE ANCHORS ON 24" CENTERS (BOTH C-90 BLOCK OR 2000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS. 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.

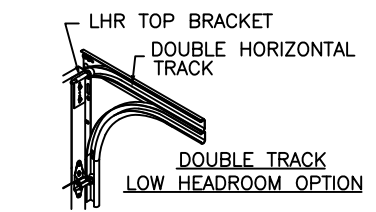
VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
 1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



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)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	24'	30'

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"



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 THIS DRAWING.

Clopay Building Products Company
 8585 DUKE BLVD.
 MASON, OH 45040
 (513) 770 - 4800

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

DESIGN LOADS: +28.0 P.S.F. & -29.0 P.S.F.
 TEST LOADS: +42.0 P.S.F. & -43.5 P.S.F.

MANUFACTURING PRODUCT CODE: MPC: DSIE-1F171	WINDLOAD RATING: W4	MAXIMUM DOOR SIZE: 9'0"W X 16'0"H
DATE: 7/12/96	DESCRIPTION: M/N 4300/4400: +28/-29 PSF	
DRAWN BY: MWW	CHECKED BY: B	DRAWING NUMBER: 101652