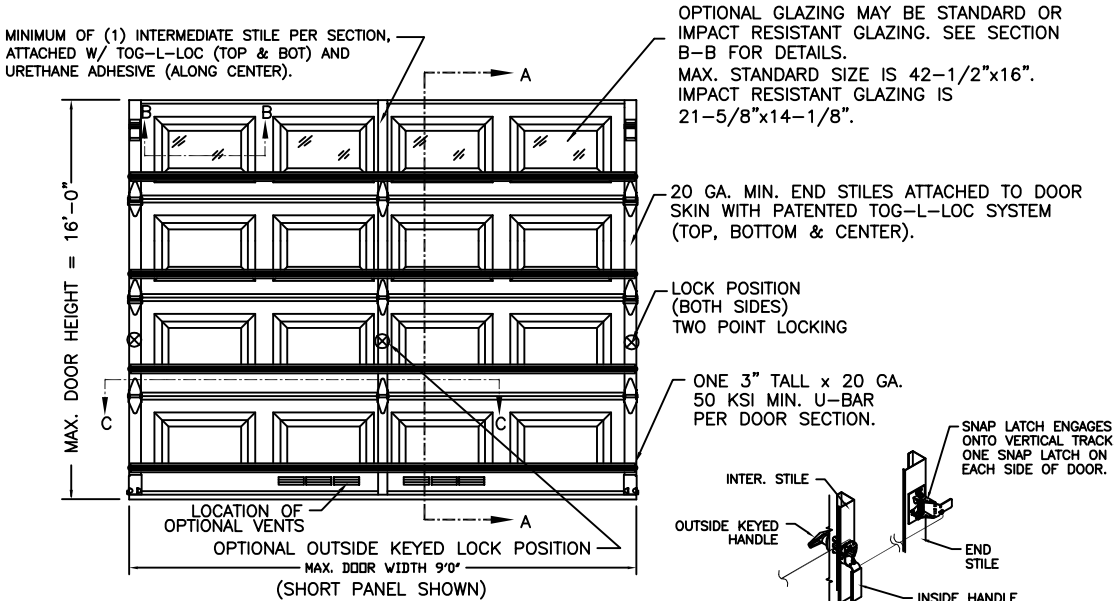


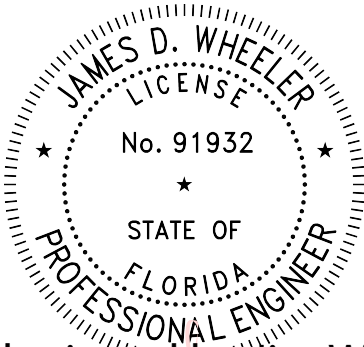
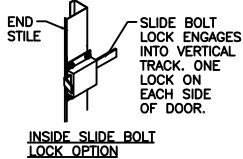
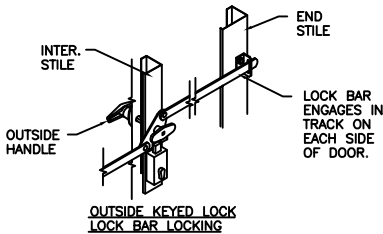
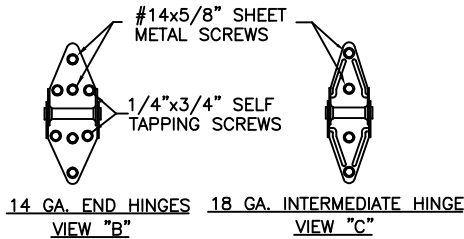
'CLASSIC' RAISED PANEL EMBOSS DOORS								
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	94V	73, 75	1500, 190	96	96V	75L, 76	76V
IDEAL	4RST, 4F*	4RSF	6RST	6RSF	--	--	2RST	--
HOLMES	48, 48B	--	42, 42B	55, 55S	--	--	--	--
SHORT PANEL				LONG PANEL				

* - MODEL 4F IS FLUSH

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS					DOOR HEIGHT		# OF SECTIONS
MODELS	25 GA	25 GA INS	25 GA	25 GA INS			
CLOPAY 'GALLERY'	GD5S,	GD5SV,	--	--	UP TO 7'0"		4
	GR5S	GR5SV			7'3" TO 8'9"		5
HOLMES 'ARTISTRY'	AR5S	AR5SV	--	--	9'0" TO 10'6"		6
					10'9" TO 12'3"		7
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	--	--	12'6" TO 14'0"		8
					14'3" TO 15'9"		9
					16'0"		10
		SHORT PANEL		LONG PANEL		MAX SECTION HEIGHT: 21'	



'CLASSIC' SHORT RAISED-PANEL SHOWN. LONG 'CLASSIC' AND SHORT 'CARRIAGE HOUSE' ARE ALSO APPROVED.

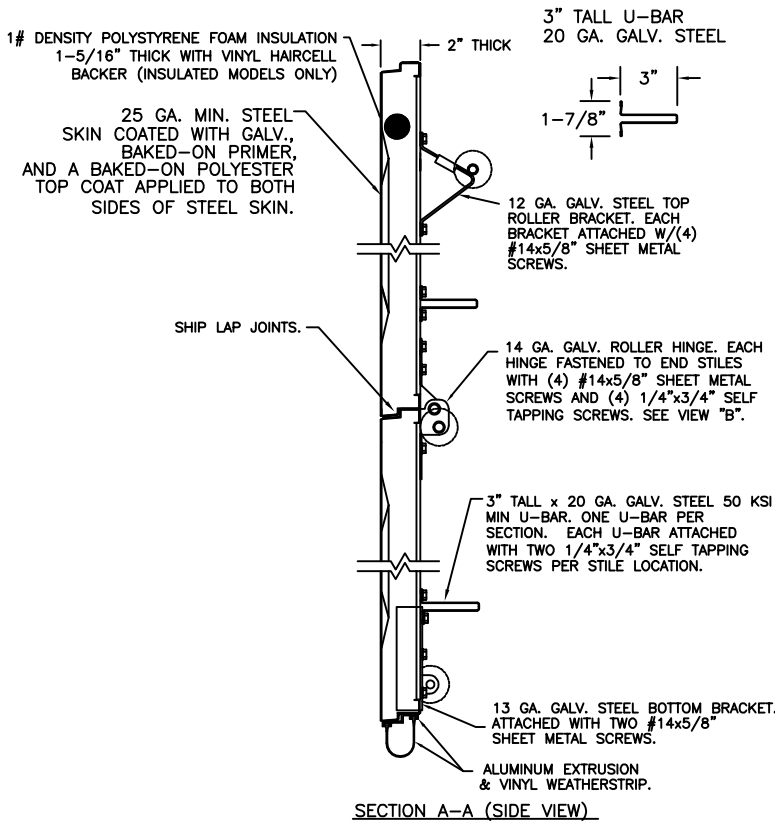


Digitally signed by Jim Wheeler
Date: 2024.02.27 17:27:07 -05'00'

DESIGN ENGINEER: JAMES D WHEELER, P.E.
FLORIDA P.E. #91932

SHEET 1 OF 2

REV	DATE	DESCRIPTION
08	05/19/05	UPDATED CODE REF.
09	09/26/05	ADDED ROLLER OPTION
10	11/30/07	ADDED 76V, EXTENDED HEIGHTS, COMBINED CLOPAY, HOLMES, AND IDEAL M/N
11	08/08/08	ADDED M/N 42B, 48B, 55S
12	10/21/08	ADDED M/N 4F
13	12/2009	ADDED 'CARRIAGE HOUSE' EMBOSS DOORS.
14	08/2010	REVISED MODEL TABLES.
15	01/2012	REVISED WIND SPEED TABLE FOR ASCE7-10.
16	04/2012	ADDED IMPACT RESISTANT OPTION.
17	11/09/20	UPDATED TITLE BLOCK AND REMOVED WIND CHART.
18	07/20/22	ADDED 94V.
19	02/23/24	ADDED M/N 96, 96V.



DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

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

Clopay
CORPORATION

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

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MANUFACTURING PRODUCT CODE PAN-2F151	WINDLOAD RATING W4	MAX. DOOR SIZE: 9'W x 16'H
DATE: 9/23/96	DESCRIPTION: CLASSIC AND CH RP STEEL PAN SINGLE-CAR, 9'W +25/-32 PSF	
DRAWN BY: MWW	B	DRAWING NUMBER: 300159
CHECKED BY:		VER: IBC

FLORIDA PRODUCT APPROVAL 15504

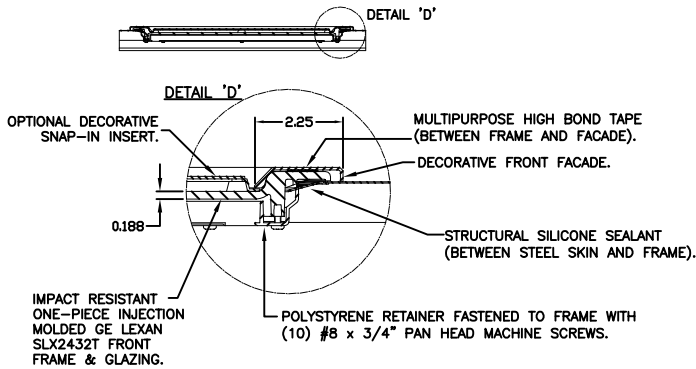
'CLASSIC' RAISED PANEL EMBOSS DOORS						
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	94V	73, 75	1500, 190	75L, 76	76V
IDEAL	4RST, 4F*	4RSF	6RST	6RSF	2RST	--
HOLMES	48, 48B	--	42, 42B	55, 55S	--	--
SHORT PANEL				LONG PANEL		

* - MODEL 4F IS FLUSH

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS				
MODELS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	--	--
HOLMES 'ARTISTRY'	AR5S	AR5SV	--	--
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	--	--
SHORT PANEL			LONG PANEL	

IMPACT RESISTANT ASSEMBLY DETAILS
DRAWING 300159-A

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



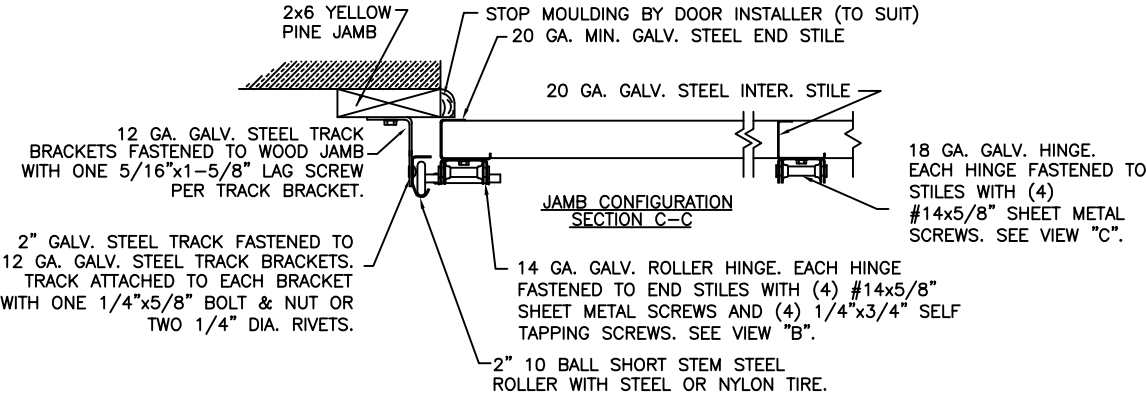
IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL INJECTION-MOLDED POLYCARBONATE FRONT FRAME AND GLAZING IS GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606.
THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND MEETS THE IMPACT-RESISTANT REQUIREMENTS (REF. CHAPTER 16 FBC/IBC).

PREPARATION OF JAMBS BY OTHERS.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
3/8"x3" LAG SCREWS ON 24" CENTERS. 1-1/8" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

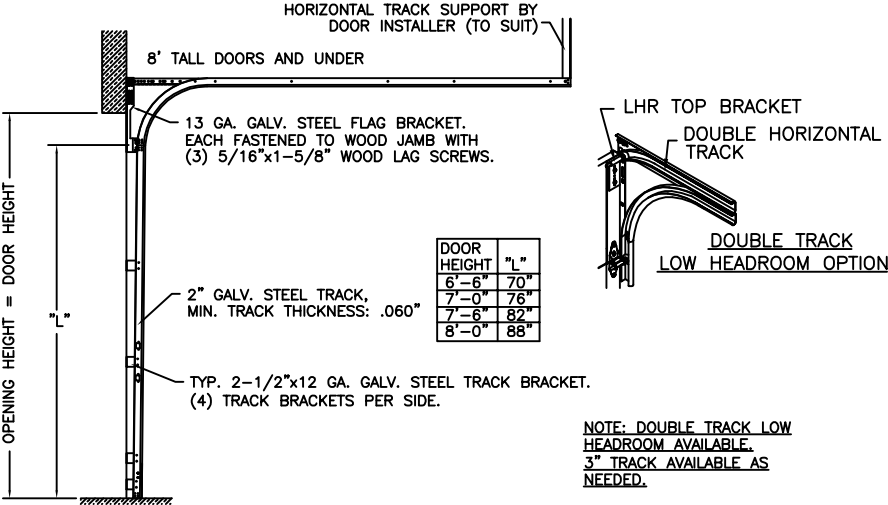
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x3" SLEEVE ANCHOR BOLTS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE) OR 16" CENTERS (C-90 BLOCK), 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

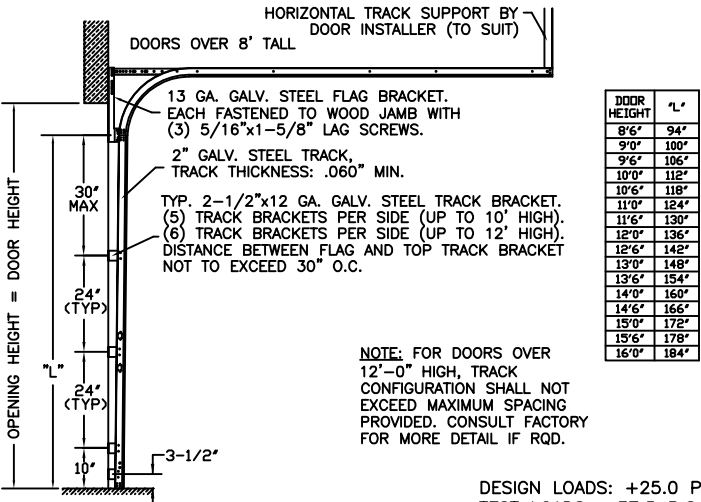


NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THE DRAWING.

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



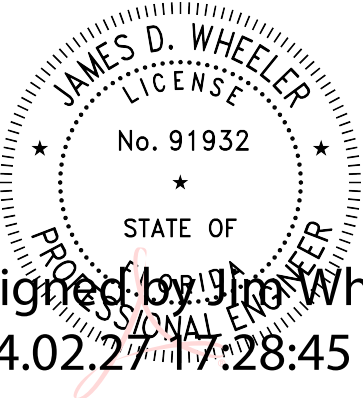
NOTE: DOUBLE TRACK LOW HEADROOM AVAILABLE. 3" TRACK AVAILABLE AS NEEDED.



NOTE: FOR DOORS OVER 12'-0" HIGH, TRACK CONFIGURATION SHALL NOT EXCEED MAXIMUM SPACING PROVIDED. CONSULT FACTORY FOR MORE DETAIL IF REQD.

DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

Digitally signed by Jim Wheeler
Date: 2024.02.27 17:28:45 -05'00'



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DESIGN ENGINEER: JAMES D WHEELER, P.E.
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MANUFACTURING PRODUCT CODE PAN-2F151		WINDLOAD RATING W4		MAX. DOOR SIZE: 9'W x 16'H	
DATE: 9/23/96		DESCRIPTION: CLASSIC AND CH RP STEEL PAN SINGLE-CAR, 9'W +25/-32 PSF			
DRAWN BY: MWW					
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