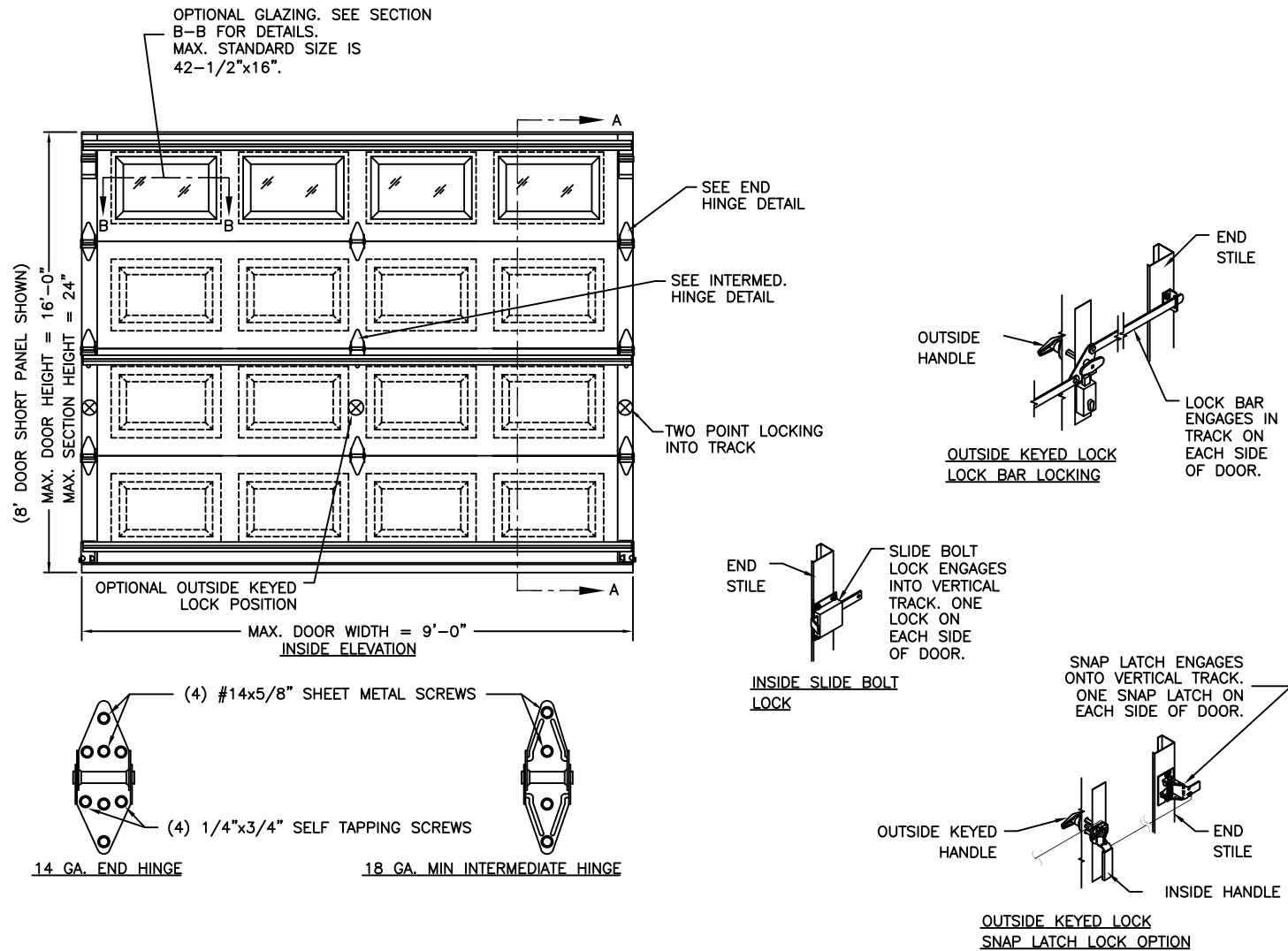


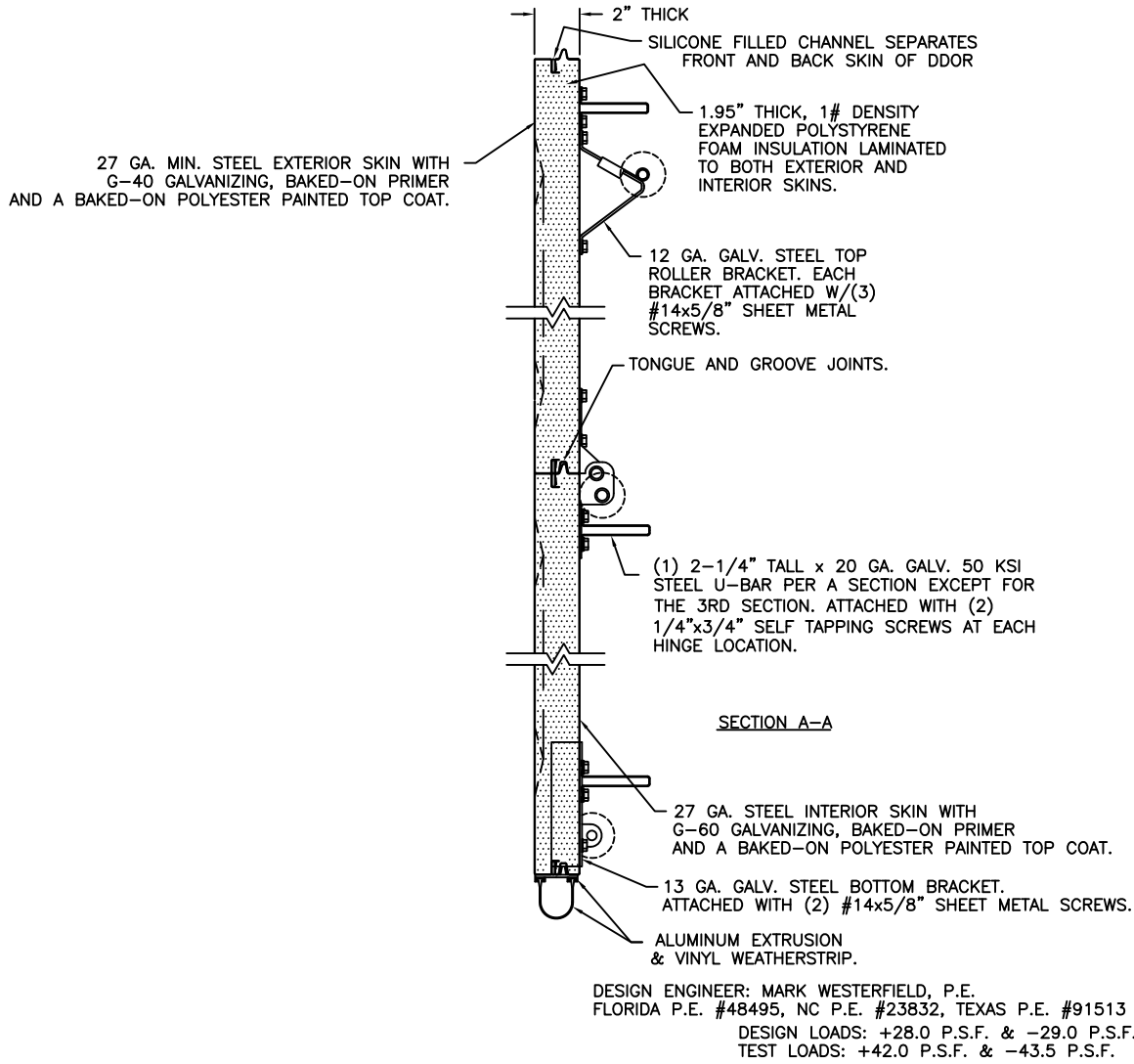
MODELS	2" THICK STYRENE		
CLOPAY/GALLERY	GD2SP, GR2SP	GD2LP, GR2LP	4302, HDGC
HOLMES/ARTISTRY	AR2SP	AR2LP	6202
IDEAL/EXPRESSIONS	ED2SP	ED2LP	SFC68, MFC68
	SHORT PANEL	LONG PANEL	FLUSH

SHEET 1 OF 2

REV	DATE	DESCRIPTION
00	10/15/07	INITIAL RELEASE
01	01/31/12	REVISED WIND SPEED TABLE FOR ASCE7-10.
02	04/27/12	ADDED IMPACT RESISTANT OPTION.
03	03/30/17	REVISED FOR 16'0" HIGH DOORS.
04	11/9/20	UPDATED TITLE BLOCK AND REMOVED WIND CHART.



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



 Clopay CORPORATION	CLOPAY CORPORATION 8585 DUKE BLVD. MASON, OH 45040 (513) 770 - 4800		MANUFACTURING PRODUCT CODE DSIE-1F471	WINDLOAD RATING W4	MAXIMUM DOOR SIZE 9'0"W X 16'0"H
	DATE: 7/10/07		DRAWN BY: BFA	DESCRIPTION GALLERY 2" EPS SC +28/-29 PSF	
	CHECKED BY:		B	DRAWING NUMBER: 103969	VER: IBC

FLORIDA PRODUCT APPROVAL 15279

MODELS

2" THICK STYRENE

CLOPAY/GALLERY

GD2SP, GR2SP

GD2LP, GR2LP

4302, HDGC

HOLMES/ARTISTRY

AR2SP

AR2LP

6202

IDEAL/EXPRESSIONS

ED2SP

ED2LP

SFC68, MFC68

SHORT PANEL

LONG PANEL

FLUSH

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.

SHEET 2 OF 2

REV

DATE

DESCRIPTION

04

--

SEE REVISION HISTORY ON SHEET ONE.

PREPARATION OF JAMBS BY OTHERS.

STOP MOULDING BY DOOR INSTALLER (TO SUIT)

18 GA. GALV. STEEL END STILE
(END STILES HELD BY HINGE SCREWS)

2x6 YELLOW PINE JAMB

12 GA. GALV. STEEL TRACK BRACKET FASTENED TO WOOD JAMB WITH ONE 5/16"x1-5/8" WOOD LAG SCREW PER BRACKET.

2" GALV. STEEL TRACK FASTENED TO TRACK BRACKETS. EACH BRACKET ATTACHED WITH ONE 1/4"x5/8" BOLT & NUT OR TWO 1/4" RIVETS.

18 GA. MIN. GALV. STEEL CENTER HINGE FASTENED TO INSIDE SKIN W/(4) EACH #14x5/8" SHEET METAL SCREWS.

14 GA. GALV. STEEL ROLLER HINGE FASTENED TO END STILES W/(4) EACH #14x5/8" SHEET METAL SCREWS. (4) 1/4"x3/4" SELF TAPPING SCREWS.

2" 10 BALL SHORT STEM STEEL ROLLER WITH STEEL/NYLON TIRE

JAMB CONFIGURATION

SECTION C-C

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.

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.

IMPACT RESISTANT ASSEMBLY DETAILS

DRAWING 103969-A

SECTION C-C (IMPACT-RESISTANT OPTION)

IMPACT-RESISTANT CONSTRUCTION:

SOLID DOORS (NO GLAZING) ARE IMPACT-RESISTANT. 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).

STANDARD ASSEMBLY DETAILS

DRAWING 103969-B

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

FRONT FRAME WITH U.V. COATING ON OUTSIDE SURFACE.

GLAZING

MOLDED INSIDE LITE RETAINER.

#8x3/4" PAN HEAD SCREW.

STANDARD ASSEMBLY CONSTRUCTION:

OPTIONAL 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).

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

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

8' TALL DOORS AND UNDER

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" WOOD LAG SCREWS.

2" GALV. STEEL TRACK, MIN. TRACK THICKNESS: .060"

TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. (4) TRACK BRACKETS PER SIDE.

DOOR HEIGHT

"L"

OPENING HEIGHT = DOOR HEIGHT

DOOR HEIGHT

"L"

8'-6"

7'-0"

7'-6"

8'-0"

70"

76"

82"

88"

LHR TOP BRACKET

DOUBLE HORIZONTAL TRACK

DOUBLE TRACK LOW HEADROOM OPTION

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

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

DOORS OVER 8' TALL

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" LAG SCREWS.

2" GALV. STEEL TRACK, TRACK THICKNESS: .060" MIN.

TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. (5) TRACK BRACKETS PER SIDE (UP TO 10' HIGH). (6) TRACK BRACKETS PER SIDE (UP TO 12' HIGH). DISTANCE BETWEEN FLAG AND TOP TRACK BRACKET NOT TO EXCEED 30" O.C.

DOOR HEIGHT

"L"

30" MAX

24" (TYP)

24" (TYP)

10"

3-1/2"

OPENING HEIGHT = DOOR HEIGHT

DOOR HEIGHT

"L"

8'-6"

9'-0"

9'-6"

10'-0"

10'-6"

11'-0"

11'-6"

12'-0"

12'-6"

13'-0"

13'-6"

14'-0"

14'-6"

15'-0"

15'-6"

16'-0"

94"

100"

106"

112"

118"

124"

130"

136"

142"

148"

154"

160"

166"

172"

178"

184"

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

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.

Clopay

CORPORATION

CLOPAY CORPORATION

8585 DUKE BLVD.

MASON, OH 45040

(513) 770 - 4800

MANUFACTURING PRODUCT CODE
DSIE-1F471

DATE:
7/10/07

DRAWN BY:
BFA

CHECKED BY:

WINDLOAD RATING
W4

DESCRIPTION:
GALLERY 2" EPS SC +28/-29 PSF

B

DRAWING NUMBER:
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VER:
IBC

9'0"W X 16'0"H

FLORIDA PRODUCT APPROVAL 15279