



[DBPR HOME](#) | [ABOUT DBPR](#) | [DBPR DIVISIONS](#) | [CONTACT DBPR](#)

[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [Contact Us](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE SECRETARY

FL #	FL16546-R20						
Application Type	Revision						
Code Version	2023						
Application Status	Approved						
Comments							
Archived	<input type="checkbox"/>						
Product Manufacturer	Clopay Building Products Company						
Address/Phone/Email	8585 Duke Blvd. Mason, OH 45040 (513) 770-4641 jwheeler@clopay.com						
Authorized Signature	Jim Wheeler jwheeler@clopay.com						
Technical Representative							
Address/Phone/Email							
Quality Assurance Representative							
Address/Phone/Email							
Category	Exterior Doors						
Subcategory	Sectional Exterior Door Assemblies						
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received						
Florida Engineer or Architect Name who developed the Evaluation Report	James D. Wheeler						
Florida License	PE-91932						
Quality Assurance Entity	Intertek Testing Services NA, Inc. - QA Entity						
Quality Assurance Contract Expiration Date	12/31/2030						
Validated By	Gary Pfoehler <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received						
Certificate of Independence	FL16546_R20_COI_Certification_of_Independence_of_Validation_Entity-Gary_Pfoehler_2016-02-19.pdf FL16546_R20_COI_Statement_on_Independence_of_Evaluation_Entity-ScottHamilton_2016-02-19.pdf						
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ANSI/DASMA 108</td> <td>2005</td> </tr> <tr> <td>ANSI/DASMA 115</td> <td>2005</td> </tr> </tbody> </table>	Standard	Year	ANSI/DASMA 108	2005	ANSI/DASMA 115	2005
Standard	Year						
ANSI/DASMA 108	2005						
ANSI/DASMA 115	2005						

ASTM E1886	2005
ASTM E1996	2009
ASTM E330	2002
TAS 201	1994
TAS 202	1994
TAS 203	1994

Equivalence of Product Standards Certified By

Florida Licensed Professional Engineer or Architect
[FL16546 R20 Equiv 20200812 - FBC - ASTM 1886-1996 equiv.pdf](#)
[FL16546 R20 Equiv 20230712 - FBC - ASTM E330 equiv s.pdf](#)

Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 12/15/2025
 Date Validated 12/15/2025
 Date Pending FBC Approval 12/17/2025
 Date Approved 02/10/2026

Summary of Products

Go to Page

FL #	Model, Number or Name	Description
16546.41	41 W8-09 DSIUA-1F477: 9208, 9209, HDPCC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20 // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series	Double-skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27 ga. min.) Single-Car (up to 9'2" wide) WINDCODE® W8 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +54 PSF/-62 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16546 R20 II 105024-Rev04.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No
16546.42	42 W8-12 DSIUA-1F477: 9208, 9209, HDPCC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20 // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series	Double-skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27 ga. min.) up to 12'2" wide WINDCODE® W8 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50 PSF/-56 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16546 R20 II 105050-Rev04.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No
16546.43	43 W8-14 DSIUA-1F477: 9208, 9209, HDPCC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20 // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series	Double-skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27 ga. min.) up to 14'2" wide WINDCODE® W8 Garage Door with Optional Impact-Resistant Lites

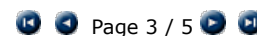

	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-52 PSF Other: Max. Wind Speed (V_{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).</p>	<p>Installation Instructions FL16546 R20 II 105019-Rev04.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No</p>
<p>16546.44</p>	<p>44 W8-16 DSIUA-1F477: 9208, 9209, HDPC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20 // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series</p>	<p>Double-skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27 ga. min.) up to 16'2" wide WINDCODE® W8 Garage Door with Optional Impact-Resistant Lites</p>
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-52 PSF Other: Max. Wind Speed (V_{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).</p>	<p>Installation Instructions FL16546 R20 II 105002-Rev04.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No</p>
<p>16546.45</p>	<p>45 W6-20 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203</p>	<p>Double-skin Insulated EPS (exterior skin 27 ga. min.; interior skin 27 ga. min.) up to 20'2" wide WINDCODE® W6 Garage Door with Optional Impact-Resistant Lites</p>
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +37 PSF/-40 PSF Other: Max. Wind Speed (V_{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).</p>	<p>Installation Instructions FL16546 R20 II 104943-A-Rev02.pdf Verified By: James D. Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No</p>
<p>16546.46</p>	<p>46 W6-20 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203</p>	<p>Double-skin Insulated EPS (exterior skin 27 ga. min.; interior skin 27 ga. min.) up to 20'2" wide WINDCODE® W6 Garage Door</p>
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +37 PSF/-40 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.</p>	<p>Installation Instructions FL16546 R20 II 104943-B-Rev02.pdf Verified By: James D. Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No</p>
<p>16546.47</p>	<p>47 W5-18 W-1B899: Reserve Collection RHxx</p>	<p>Reserve Wood Double-Car (9'2" To 18'0" wide) WINDCODE® W5 Garage Door</p>
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +32 PSF/-36 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.</p>	<p>Installation Instructions FL16546 R20 II 105116-Rev02 s.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A.pdf Created by Independent Third Party: No</p>
<p>16546.48</p>	<p>48 W5-20 PAN-2F143: 84A, 94, 4F, 4RST, 4RSF, 48, 48B</p>	<p>Steel Pan (min. 24 ga.) Double-Car (16'2" to 20'2" wide) WINDCODE® W5 Garage Door</p>
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +30 PSF/-32 PSF Other: Doors with standard glazing meet the wind load</p>	<p>Installation Instructions FL16546 R20 II 105101-Rev02 s.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A.pdf</p>

	requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.	Created by Independent Third Party: No
16546.49	49 W8-09 SPO-2F449: Grand Harbor, Evanston, Stone Manor	Steel Pan (min. 24 ga.) with Overlay Single-Car (up to 9'0" wide) WINDCODE® W8 Garage Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50 PSF/-58 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors (no glazing) are impact-resistant (large missile impact).		Installation Instructions FL16546 R20 II 104121-Rev08.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A-14.pdf Created by Independent Third Party: No
16546.50	50 W8-16 SPO-2F499: Grand Harbor, Evanston, Stone Manor	Steel Pan (min. 24 ga.) with Overlay Double-Car (9'2" to 16'2" wide) WINDCODE® W8 Garage Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-52 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors (no glazing) are impact-resistant (large missile impact).		Installation Instructions FL16546 R20 II 104791-Rev08.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A-14.pdf Created by Independent Third Party: No
16546.51	51 W4-18 PAN-2F443: GD4S, GR4S, ED4S, AR4S	Gallery/Artistry/Expressions: Steel Pan (min. 24 ga.) 16'2" to 18'0" wide WINDCODE® W4 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25 PSF/-25 PSF Other: The product without glazing DOES comply with the impact resistant requirement for windborne debris regions (ref 1609.1.2 FBC).		Installation Instructions FL16546 R20 II 105109-A-Rev03.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A.pdf Created by Independent Third Party: No
16546.52	52 W4-18 PAN-2F443: GD4S, GR4S, ED4S, AR4S	Gallery/Artistry/Expressions: Steel Pan (min. 24 ga.) 16'2" to 18'0" wide WINDCODE® W4 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +25 PSF/-25 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.		Installation Instructions FL16546 R20 II 105109-B-Rev03.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A.pdf Created by Independent Third Party: No
16546.53	53 W4-18 PAN-2F446: GD4L, GR4L, ED4L, AR4L, BD4E, BR4E, PR4E, RR4E, BD4N, BR4N, PR4N, RR4N, BD4C, BR4C, PR4C	Gallery/Artistry/Expressions // Bridgeport/Westport/Recessed: Steel Pan (min. 24 ga.) 16'2" to 18'0" wide WINDCODE® W4 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +25 PSF/-25 PSF Other: The product without glazing DOES comply with the impact resistant requirement for windborne debris regions (ref 1609.1.2 FBC).		Installation Instructions FL16546 R20 II 105109-A-Rev05.pdf Verified By: James D. Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A-15.pdf Created by Independent Third Party: No
16546.54	54 W4-18 PAN-2F446: GD4L, GR4L, ED4L, AR4L, BD4E, BR4E, PR4E, RR4E, BD4N, BR4N, PR4N, RR4N, BD4C, BR4C, PR4C	Gallery/Artistry/Expressions // Bridgeport/Westport/Recessed: Steel Pan (min. 24 ga.) 16'2" to 18'0" wide WINDCODE® W4 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +25 PSF/-25 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the		Installation Instructions FL16546 R20 II 105109-B-Rev05.pdf Verified By: James D. Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A-15.pdf Created by Independent Third Party: No

impact resistant requirement for windborne debris regions.		
16546.55	55 W6-18 DSIUA-1F477: 9208, 9209, HDPC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20 // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series	Double-skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27 ga. min.) Double-Car (up to 18'2" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16546 R20 II 105188-A-Rev03.pdf Verified By: James Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No
16546.56	56 W6-18 DSIUA-1F477: 9208, 9209, HDPC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20 // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series	Double-skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27 ga. min.) Double-Car (up to 16'2" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.		Installation Instructions FL16546 R20 II 105188-B-Rev02.pdf Verified By: James D. Wheeler FL PE 91932 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 160216-A-07.pdf Created by Independent Third Party: No
16546.57	57 W6-10 DSIUO-1K749: Canyon Ridge / Glenmoor / Custom Wood-Look // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series // Coachman / Settlers / Affinity	Double Skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27ga. min.) with Overlay Single-Car (9'2" to 10'0" wide) WINDCODE® W6 Garage Door with optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-44 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16546 R20 II 105421-A-Rev01.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 141219-B.pdf Created by Independent Third Party: No
16546.58	58 W6-10 DSIUO-1K749: Canyon Ridge / Glenmoor / Custom Wood-Look // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series // Coachman / Settlers / Affinity	Double Skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27ga. min.) with Overlay Single-Car (9'2" to 10'0" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-44 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.		Installation Instructions FL16546 R20 II 105421-B-Rev01.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 141219-B.pdf Created by Independent Third Party: No
16546.59	59 W8-10 DSIUO-1K749: Canyon Ridge / Glenmoor / Custom Wood-Look // Canyon Ridge Modern Series / Glenmoor Modern Series / Custom Wood-Look Modern Series // Coachman / Settlers / Affinity	Double Skin Insulated Intellicore (exterior skin 27 ga. min.; interior skin 27ga. min.) with Overlay Single-Car (9'2" to 10'0" wide) WINDCODE® W8 Garage Door with optional Impact-Resistant Lites
Limits of Use		Installation Instructions

<p>Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +54 PSF/-60 PSF Other: Max. Wind Speed (V_{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).</p>		<p>FL16546 R20 II 105391-Rev01.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 141219-B.pdf Created by Independent Third Party: No</p>
16546.60	60 W4-16 PAN-2F441: 4F4	Modern Steel: Steel Pan (min. 24 ga.) 9'2" to 16'0" wide WINDCODE® W4 Garage Door
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +25 PSF/-25 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions.</p>		<p>Installation Instructions FL16546 R20 II 105430-Rev02 s.pdf Verified By: Scott Hamilton FL PE 63286 Created by Independent Third Party: No Evaluation Reports FL16546 R20 AE CBPC 131211-A.pdf Created by Independent Third Party: No</p>

Go to Page 

 Page 3 / 5 

[Back](#) [Next](#)

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

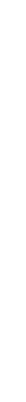
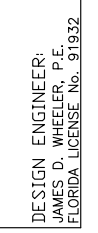
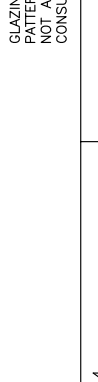
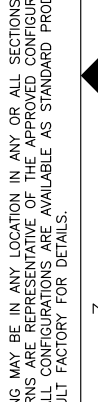
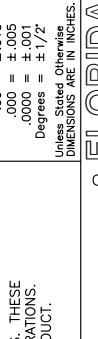
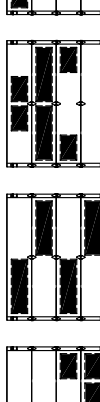
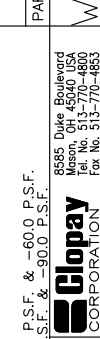
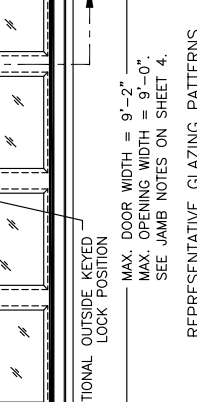
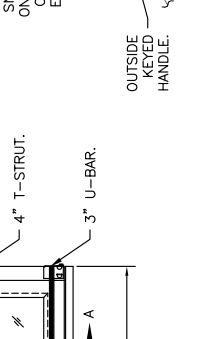
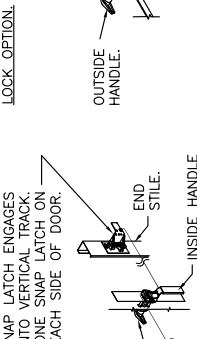
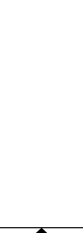
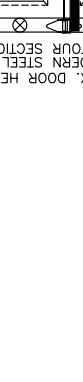
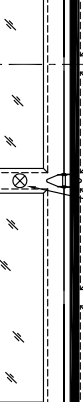
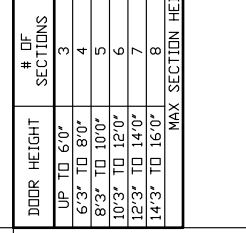
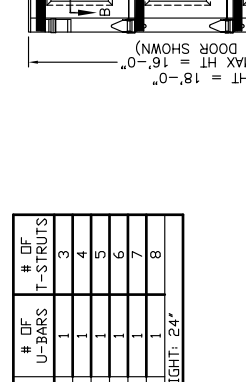
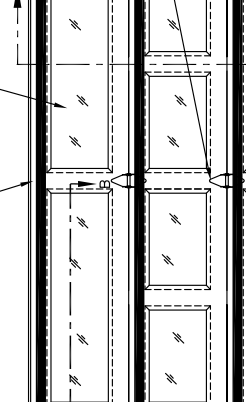
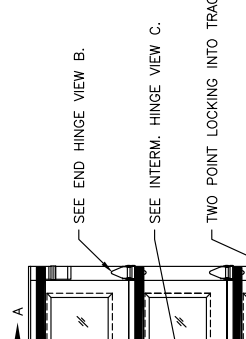
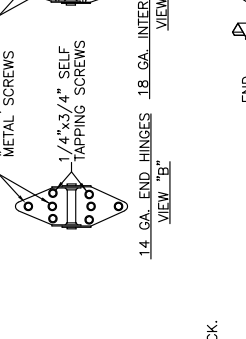
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	-	10/19/16	-	SH	REVISED MPC.
02	-	4/13/17	-	SH	ADDED CRM MODELS.
03	-	8/6/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	10/6/25	-	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

MIXED GLAZING SHOWN.

(1) 20 GA. BACKER EXTERNAL PLATE AT EACH INTERMEDIATE HINGE LOCATION ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39"-1 1/4" x 13"-1 1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.



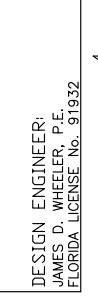
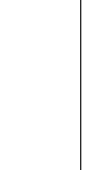
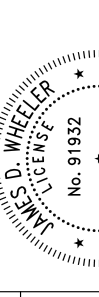
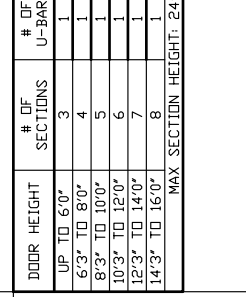
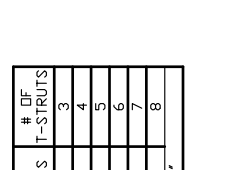
SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

BRAND	MODERN STEEL	COMMERCIAL DOORS
	FLUSH GROOVED	FLUSH GROOVED
CLOPAY	9208, HDPC2 9209, HDPCR2	3728 3729
HOLMES	7208 7209	-- C7R20

MIXED GLAZING SHOWN.

(1) 20 GA. BACKER EXTERNAL PLATE AT EACH INTERMEDIATE HINGE LOCATION ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39"-1 1/4" x 13"-1 1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.



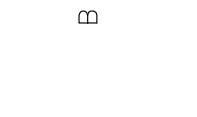
SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

BRAND	MODERN STEEL	COMMERCIAL DOORS
	FLUSH GROOVED	FLUSH GROOVED
CLOPAY	9208, HDPC2 9209, HDPCR2	3728 3729
HOLMES	7208 7209	-- C7R20

MIXED GLAZING SHOWN.

(1) 20 GA. BACKER EXTERNAL PLATE AT EACH INTERMEDIATE HINGE LOCATION ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39"-1 1/4" x 13"-1 1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.



SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

BRAND	MODERN STEEL	COMMERCIAL DOORS
	FLUSH GROOVED	FLUSH GROOVED
CLOPAY	9208, HDPC2 9209, HDPCR2	3728 3729
HOLMES	7208 7209	-- C7R20

MIXED GLAZING SHOWN.

(1) 20 GA. BACKER EXTERNAL PLATE AT EACH INTERMEDIATE HINGE LOCATION ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39"-1 1/4" x 13"-1 1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

BRAND	MODERN STEEL	COMMERCIAL DOORS
	FLUSH GROOVED	FLUSH GROOVED
CLOPAY	9208, HDPC2 9209, HDPCR2	3728 3729
HOLMES	7208 7209	-- C7R20

MIXED GLAZING SHOWN.

(1) 20 GA. BACKER EXTERNAL PLATE AT EACH INTERMEDIATE HINGE LOCATION ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39"-1 1/4" x 13"-1 1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

BRAND	MODERN STEEL	COMMERCIAL DOORS
	FLUSH GROOVED	FLUSH GROOVED
CLOPAY	9208, HDPC2 9209, HDPCR2	3728 3729
HOLMES	7208 7209	-- C7R20

MIXED GLAZING SHOWN.

(1) 20 GA. BACKER EXTERNAL PLATE AT EACH INTERMEDIATE HINGE LOCATION ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39"-1 1/4" x 13"-1 1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

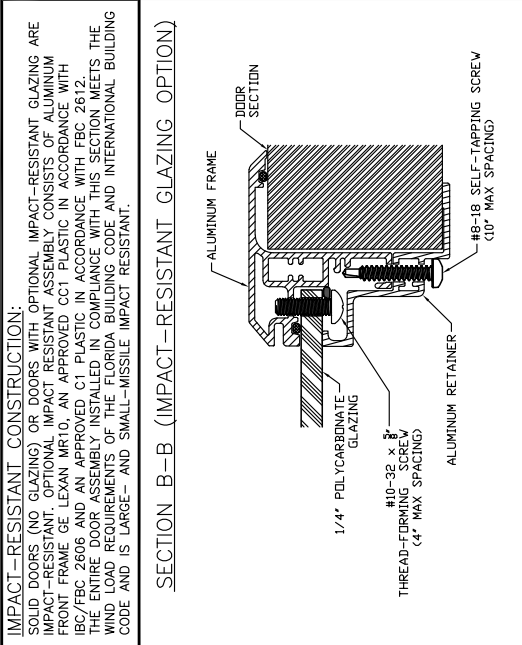
4 3 2 1

BRAND	MODERN STEEL		COMMERCIAL DOORS		REVISIONS
	FLUSH	GROOVED	FLUSH	GROOVED	
CLOPAY	9208, HDPC2	9209, HDPCR2	3728	3729	04
HOLMES	7208	7209	--	C7R20	04

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
04	--	--	--	--	SEE REVISION HISTORY ON SHEET ONE.

SHEET: 2 OF 5



DESIGN ENGINEER:
 JAMES D. WHEELER, P.E.
 FLORIDA LICENSE No. 91932

4 3

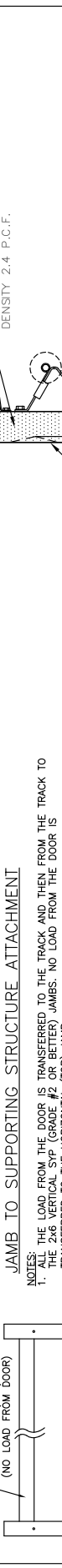
DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F. TEST LOADS: +81.0 P.S.F. & -90.0 P.S.F.	8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4853 Fax. No. 513-770-4853	MANUFACTURING PRODUCT CODE DSIUA-1F477
TOLERANCES Unless Stated Otherwise 0 = ± 0.31 .00 = ± 0.15 .000 = ± 0.05 .0000 = ± 0.01 Degrees = ± 1/2° Unless Stated Otherwise DIMENSIONS ARE IN INCHES.	Glopay CORPORATION DESCRIPTION: MODERN STEEL 2" INTELLICORE +54/-60 PSF TO 9' W DRAWN BY: SH CHECKED BY: -- DATE: 12/2015 DATE: --	PART NO.: N/A WINDLOAD RATING W8 DP54T SCALE: NTS SHEET 2 OF 5 DWG. B VER: IBC

2 FLORIDA PRODUCT APPROVAL 16546

REV. NO.	ZONE	DATE	ECN NO.	APPROV.	DESCRIPTION
04					SEE REVISION HISTORY ON SHEET ONE.

BRAND	MODERN STEEL	COMMERCIAL DOORS
CLDFPAY	FLUSH GROOVED	FLUSH GROOVED
HOLMES	9208, HDPCC2 9209, HDPCCR2	3728 3729
	7208 7209	-- C7R20

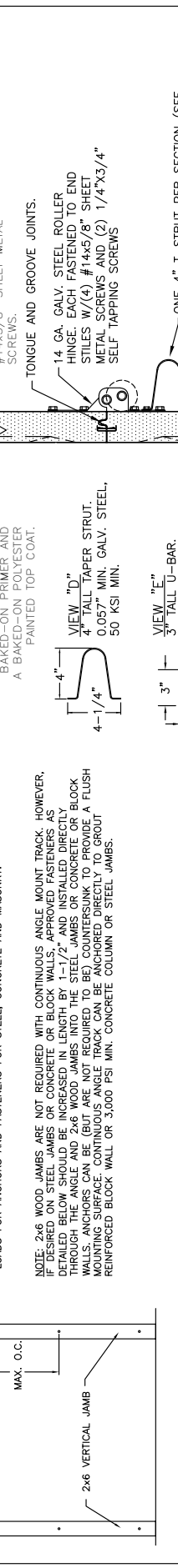
SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES: THE LOAD FROM THE TRACK IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL JAMB (OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.

- EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +243 LB & -279 LB. PER LINEAR FOOT OF JAMB.
- ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.
- IF DESIRED, ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.



BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED
HOLLOW CMU BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	6 3/4"	1' O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	11 1/4"	1' O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	9 3/4"	1' O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	9"	1' O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WE-J-IT ANKR TITE SLEEVE ANCHOR	20 3/4"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WE-J-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SD)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A), 1-5/8" EMBED INTO STRUCTURE	22 1/4"	1' O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	9 1/4"	1' O.D.
16GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	16 1/2"	1' O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	19 1/2"	1' O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.

CLDFPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.

CLDFPAY DOES NOT SUPPLY TAPCON FASTENERS.

TAPCON -- MINIMUM EDGE DISTANCE FOR TAPCON FASTENER IS 1-1/4", EXCLUDING STUCCO THICKNESS. EXCEPTION FOR TAPCON -- MINIMUM EDGE DISTANCE FOR TAPCON FASTENER IS 1-1/4", EXCLUDING STUCCO THICKNESS.

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

DESIGN ENGINEER:
 JAMES D. WHEELER, P.E.
 FLORIDA LICENSE No. 91932

2 FLORIDA PRODUCT APPROVAL 16546

VER: IBC

MANUFACTURING PRODUCT CODE
 DS1UA-1F477

PART NO.: N/A

W8 DP54T
 WINDLOAD RATING

8585 Duke Boulevard
 Mason, OH 45040 USA
 Clopay CORPORATION
 Tel. No. 513-770-4853
 Fax No. 513-770-4853

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.
 TEST LOADS: +81.0 P.S.F. & -90.0 P.S.F.

UNLESS STATED OTHERWISE TOLERANCES ARE: 0 = ± 0.31, .000 = ± 0.05, .0000 = ± 0.01, Degrees = ± 1/2

UNLESS STATED OTHERWISE DIMENSIONS ARE IN INCHES.

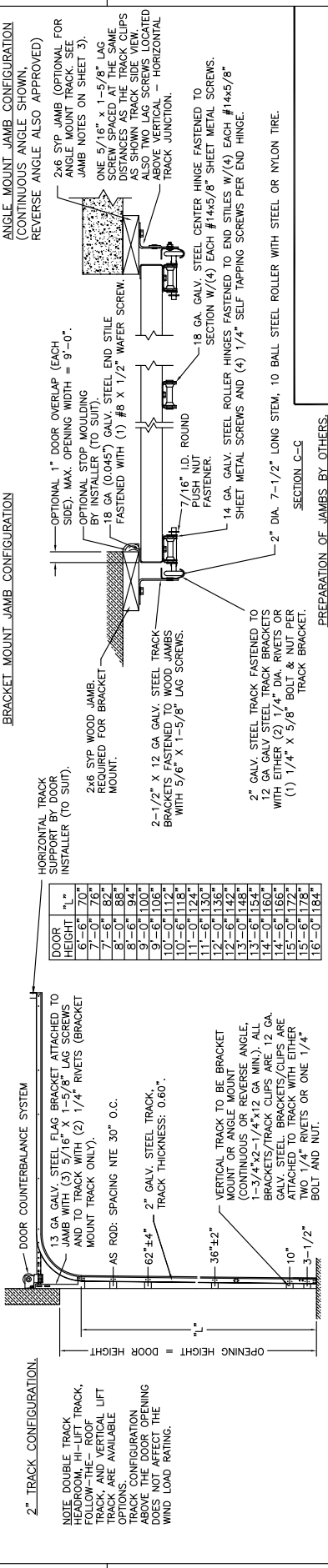
DESIGNATION: MODERN STEEL 2" INTELLICORE +54/-60 PSF TO 9' W
 DRAWN BY: SH
 DATE: 12/2015
 CHECKED BY: --
 DATE: --

SCALE: NTS
 DWG. 3 OF 5
 SHEET 3 OF 5

BRAND	MODERN STEEL		COMMERCIAL DOORS		REVISIONS	DESCRIPTION
	FLUSH	GROOVED	FLUSH	GROOVED		
CLOPAY	9208, HDPC2	9209, HDPCR2	3728	3729	04	SEE REVISION HISTORY ON SHEET ONE.
HOLMES	7208	7209	--	C7R20		

REV. NO.	ZONE	DATE	ECN NO.	APPROV'D
04				

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.



3\"/>

2\"/>

1\"/>

SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

SECTION G-G

DOUBLE TRACK LOW HEADROOM OPTION

DOUBLE HORIZONTAL TRACK.

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.
 TEST LOADS: +81.0 P.S.F. & -90.0 P.S.F.

TOLERANCES are	
Unless Stated Otherwise	0 = ± 0.31
	.00 = ± 0.15
	.000 = ± 0.05
	.0000 = ± 0.01
Degrees = ± 1/2°	
Unless Stated Otherwise	
DIMENSIONS ARE IN INCHES.	

DESIGN ENGINEER:
 JAMES D. WHEELER, P.E.
 FLORIDA LICENSE No. 91932

2 FLORIDA PRODUCT APPROVAL 16546

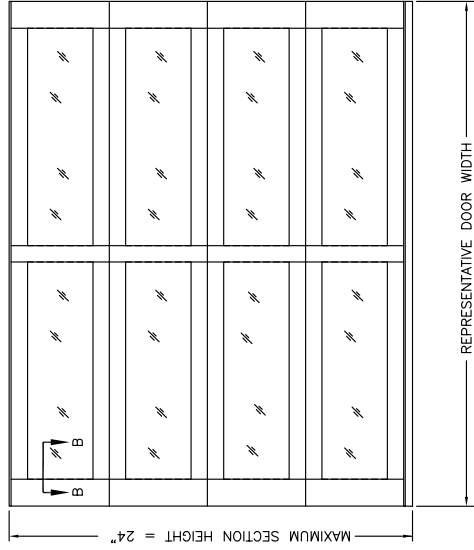
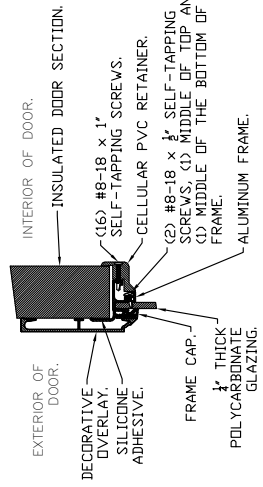
VER: IBC

SHEET: 5 OF 5		REVISIONS		DESCRIPTION	
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	SEE REVISION HISTORY ON SHEET ONE.
04	-	-	-	-	

CLOPAY 'CANYON RIDGE MODERN SERIES': CRM2nnn
 HOLMES 'GLENMOOR MODERN SERIES': GLM2nnn
 IDEAL 'CUSTOM CRAFTED MODERN WOOD-LOOK' SERIES: WLM2nnn

NOTE: "nnn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. DOORS MAY HAVE 'PLANK' APPEARANCE, ALUMINUM INLAYS, OR "FULL VISION".

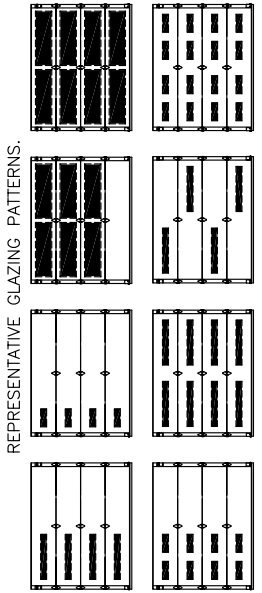
SECTION B-B (CANYON RIDGE TYPE IMPACT-RESISTANT GLAZING OPTION)



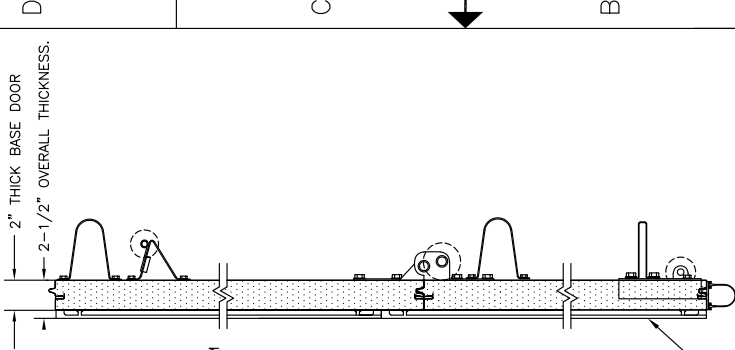
FULL VISION GLAZING SHOWN.
 OPTIONAL GLAZING IS IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 39-1/4"x13-1/4". GLAZING MAY BE FULL VISION, SHORT-PLANK OR LONG-PLANK. SEE SECTION B-B ON SHEET 5 FOR IMPACT RESISTANT DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

"CANYON RIDGE" TYPE OVERLAY DOORS

- NOTES:
 1. "CANYON RIDGE" TYPE DOORS USE THE SAME REINFORCEMENTS AND BASE SECTION CONSTRUCTION AND TRACK CONFIGURATION DESCRIBED ON SHEETS 1-4 OF THIS DRAWING.
 2. CANYON RIDGE TYPE DOORS ARE IMPACT RESISTANT WITH IMPACT RESISTANT GLAZING AND FRAME AS SHOWN IN DETAIL B-B ABOVE.



GLAZING MAY BE IN ANY LOCATION IN ANY OR ALL SECTIONS. THESE PATTERNS ARE REPRESENTATIVE OF THE APPROVED CONFIGURATIONS. NOT ALL CONFIGURATIONS ARE AVAILABLE AS STANDARD PRODUCT. CONSULT FACTORY FOR DETAILS.



CANYON-RIDGE TYPE MODERN SERIES: HIGH DENSITY MOLDED COMPOSITE CLADDING OR OVERLAYS ADHERED TO OUTSIDE SKIN WITH PERMANENT ADHESIVE.

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F. TEST LOADS: +81.0 P.S.F. & -90.0 P.S.F.	MANUFACTURING PRODUCT CODE DSIUA-1F477
Unless Stated Otherwise TOLERANCES are: 0 = ± 0.31 .000 = ± 0.005 Degrees = ± 1/2"	PART NO.: N/A
8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4853 Fax. No. 513-770-4853	WINDLOAD RATING W8 DP54T
DESCRIPTION: MODERN STEEL 2" INTELLICORE +54/-60 PSF TO 9' W	SCALE: NTS
DRAWN BY: SH	CHECKED BY: ---
DATE: 12/2015	DATE: ---
VER: IBC	DWG. 5 OF 5
DWG. NO.: 105024	SIZE: B

DESIGN ENGINEER:
 JAMES D. WHEELER, P.E.
 FLORIDA LICENSE No. 91932

February 16, 2016 (revised 10/21/25)

Evaluation Report for Clopay Corporation Modern Steel Full Vision Sectional Garage Doors, W4 and Modern Steel Impact Resistant Full Vision Sectional Garage Doors, W4 W6 and W8

I have evaluated the wind load door designs as shown on the drawings listed below. I have reviewed the test reports, which were generated by accredited laboratories as required by the relevant Florida Administrative Rule, the engineering rational analysis, and the product drawings. The test reports are listed below. Assembly testing was conducted by American Test Lab North Carolina and CBPC-ATC. Component testing was conducted by HETI and ETC.

For the doors listed in Tables 1 and 2, Static Pressure Tests were conducted in accordance with TAS 202-1994, ASTM-E330-2002 and ANSI/DASMA 108-2005. Missile Impact and Cyclic Pressure Tests were conducted in accordance with TAS 201-1994 and TAS 203-1994 and ASTM E1886-2005 and ASTM E1996-2009 and ANSI/DASMA 115-2005. The pressures listed on the drawings are either direct results of these tests or results obtained through engineering rational analysis based on actual tests. I have concluded that the sectional garage door designs listed below in Tables 1 and 2 are in compliance with the High Velocity Hurricane Zone test requirements of the Florida Building Code and therefore are qualified as impact-resistant assemblies (large missile impact).

TABLE 1: Drawings for doors with Manufacturing Product Code (MPC) DSIUA-1F477:

104859-A-Rev03, max. door size 9'0" x 18'0"; +38/-42 PSF (design load)
105042-A-Rev03, max. door size 16'2" x 18'0"; +38/-42 PSF (design load)
105188-A-Rev02, max. door size 18'2" x 18'0"; +38/-42 PSF (design load)
105024-Rev03, max. door size 9'0" x 18'0"; +54/-60 PSF (design load)
105050-Rev03, max. door size 12'2" x 18'0"; +50/-56 PSF (design load)
105019-Rev03, max. door size 14'2" x 18'0"; +46/-52 PSF (design load)
105002-Rev03, max. door size 16'2" x 18'0"; +46/-52 PSF (design load)

TABLE 2: Drawings for doors with Manufacturing Product Code (MPC) DSIE-1F171:

104943-A-Rev02, max. door size 20'2" x 18'0"; +37/-40 PSF (design load)

For the doors in Tables 3 and 4, Static Pressure Tests were conducted in accordance with ASTM-E330-2002 and ANSI/DASMA 108-2005. The pressures listed on the drawings are either direct results of these tests or results obtained through engineering rational analysis based on actual tests. I have concluded that the sectional garage door designs listed below in Tables 3 and 4 are in compliance with the wind load test requirements of the Florida Building Code.

TABLE 3: Drawings for doors with Manufacturing Product Code (MPC) DSIUA-1F477:

105868-Rev00, max. door size 9'2" x 20'0"; +25/-25 PSF (design load)
105898-Rev00, max. door size 16'2" x 20'0"; +26/-28 PSF (design load)
105847-Rev00, max. door size 18'2" x 20'0"; +25/-25 PSF (design load)
105894-Rev00, max. door size 20'2" x 20'0"; +25/-25 PSF (design load)
104859-B-Rev03, max. door size 9'0" x 18'0"; +38/-42 PSF (design load)

105042-B-Rev03, max. door size 16'2" x 18'0"; +38/-42 PSF (design load)
105188-B-Rev02, max. door size 18'2" x 18'0"; +38/-42 PSF (design load)

TABLE 4: Drawings for doors with Manufacturing Product Code (MPC) DSIE-1F171:
104943-B-Rev02, max. door size 20'2" x 18'0"; +37/-40 PSF (design load)

Test Reports:

The following test reports are based on testing conducted by American Test Lab at their North Carolina Facility: 0223.01-15R (04/16/15), 0727.01-15 (08/11/15), 0824.02-15 (09/01/15), 0824.01-15 (09/01/15), 0514.01-15 (05/27/15), 0330.01-15 (04/16/15), 1214.01-15 (02/05/16), 1213.01-16 (12/21/16), 0909.01-25 (10/15/25). These reports document compliance with the TAS testing standards and are signed and sealed by David Johnson, FL PE 61915.

The following test reports are based on testing conducted by Clopay Building Products at their Mason testing facility (accredited by ANAB for ASTM E330 and ANSI/DASMA 108 testing): CBPC-ATC 14-032 (01/16/15), 14-015 (7/17/14), 15-016 (07/17/15), 16-019 (108-16), 16-018 (2/14/23), 22-001 (2/14/23), 22-028 (2/14/23), and 22-029 (2/14/23).

Product Description for doors with MPC DSIUA-1F477:

These doors consist of 2" double-skin insulated sections with polyurethane insulation foamed in place between both skins. Both inner and outer skins are min. 27 ga. (0.016") G40 DDS per ASTM A653. The maximum section height is 24". Glazing is permitted in any or all panels in any or all sections. These sections may have optional decorative overlays. These doors may have optional Impact-Resistant Glazing (Aluminum). Optional Impact-Resistant Glazing is an aluminum front frame and a separate polycarbonate glazing. The following models are at least structurally equivalent to the tested door: 9208, 9209, HDPC2, HDPCR2, 7208, 7209, 3728, 3729, C7R20. The following "Canyon Ridge Modern Series" models have optional decorative overlays and are at least structurally equivalent to the tested door: Canyon Ridge Modern Series CRM2nnn, Glenmoor Modern GLM2nnn, Custom Wood-Look Modern WLM2nnn. Note that 'nnn' represents the type and arrangement of the decorative overlays. Not all models may be shown on a given drawing.

Product Description for doors with MPC DSIE-1F171:

These doors consist of 2" double-skin insulated sections with an EPS core laminated to both skins. Both inner and outer skins are min. 27 ga. (0.016") G40 DDS per ASTM A653. The maximum section height is 21". These doors may have optional Impact-Resistant Glazing (Molded). Optional Impact-Resistant Glazing is a one-piece injection-molded front frame and glazing. The following models are at least structurally equivalent to the tested door: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, 6200, 6201, 6203, SP200, SF200, SE200. Not all models may be shown on a given drawing.

Impact Resistant Glazing (Aluminum):

The optional impact resistant glazing consists of an aluminum front frame and aluminum interior retainer encasing a polycarbonate glazing that is an approved C1 plastic in accordance with testing required by FBC-B 2606 and complies with FBC-B

2615 testing requirements. Approved polycarbonate materials are Sabic IP Lexan 9034 (versions also approved: MR10, XL-10) and Plaskolite TUFFAK AR (TUFFAK versions also approved: SL, GP). Approval based on review of NOA 24-1023.03 (Sabic) and NOA 24-0205.09 (Plaskolite) and manufacturer's product datasheets.

Impact Resistant Glazing (Molded):

The optional impact resistant glazing is an injection-molded polycarbonate front frame and glazing (LEXAN SLX2432T) that is an approved C1 plastic in accordance with testing required by FBC-B 2606. FBC-B 2615 compliance based on review of the following tests:

HETI-06-A002 ASTM G155; HETI-06-T566 ASTM D638 (before); HETI-06-T634 ASTM D638 (after); ETC-06-1024-17496.0 ASTM D2843, ASTM D635, ASTM D1929.

Non-Impact Resistant Glazing:

The optional non-impact resistant glazing is a screw-together plastic frame and a separate glass glazing in compliance with the ASTM E1300 requirements of FBC-B Section 2404.

Limitations:

The drawing(s) cited above are an explicit part of this evaluation report. The text of this report does not attempt to address all design details and relies on the illustrations and text of these drawings as well.

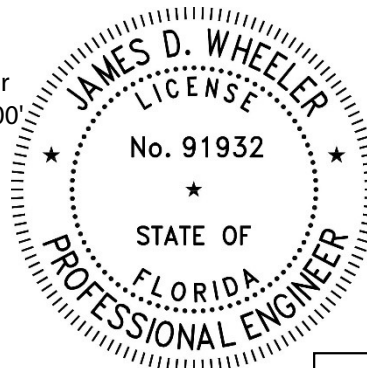
Jambs, lintels, sills or other structural elements required to prepare openings are not covered. The design of the supporting structural elements shall be the responsibility of the professional of record for the building or structure and in accordance with current building codes for the loads listed on the drawing(s) referenced above.

Installation requirements per the relevant Florida Administrative Rule, including attachments, are detailed on the drawing(s) listed above. Installation must be in accordance with manufacturer's installation instructions and must be as shown on the drawing(s) listed above. The manufacturer's licensed design professional listed on the drawing(s) has reviewed the attachment details and installation requirements.

Signature:

Digitally signed by Jim Wheeler
Date: 2025.10.21 09:50:52 -04'00'

James D. Wheeler, P.E.
Florida P.E. #91932
Senior Project Engineer
Clipay Corporation



This document has been digitally signed and is valid without a physical signature. Third-party verification embedded in the PDF can attest that the document has not been changed since it was signed. The printed document is just a copy and cannot be verified.