FL #	FL16546-R20
Application Type	Revision
Code Version	2023
Application Status	Approved
Comments	
Archived	☐
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 ☐ 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 Pfuehler ✓ Validation Checklist - Hardcopy Received
Certificate of Independence	FL16546_R20_COI_Certification_of_Independence_of_Validation_Entity-Gary_Pfuehler 2016-02-19.pdf FL16546_R20_COI_Statement_on_Independence_of_Evaluation_Entity-ScottHamilton 2016-02-19.pdf

Referenced Standard and Year (of Standard)

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

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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

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).		**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
16546.44	44 W8-16 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 16'2" 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:** +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).		**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
16546.45	45 W6-20 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203	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
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).		**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
16546.46	46 W6-20 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203	Double-skin Insulated EPS (exterior skin 27 ga. min.; interior skin 27 ga. min.) up to 20'2" 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:** +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.		**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
16546.47	47 W5-18 W-1B899: Reserve Collection RHxx	Reserve Wood Double-Car (9’2” To 18’0” wide) WINDCODE® W5 Garage Door
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.		**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
16546.48	48 W5-20 PAN-2F143: 84A, 94, 4F, 4RST, 4RSF, 48, 48B	Steel Pan (min. 24 ga.) Double-Car (16’2” to 20’2” wide) WINDCODE® W5 Garage Door
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		**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

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, 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.) 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, 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.) 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**

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).	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

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
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.		**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

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BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	C7R20

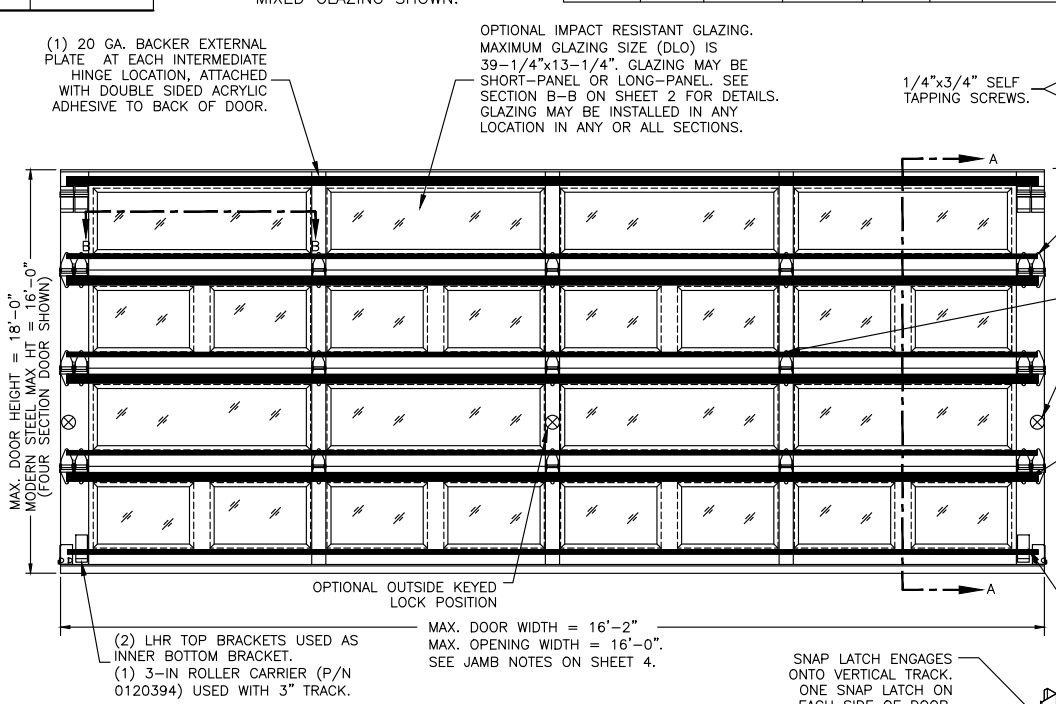
SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

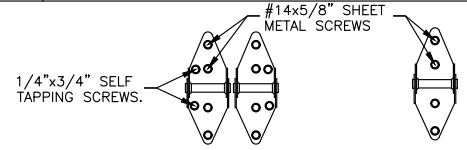
SHEET: 1 OF 5

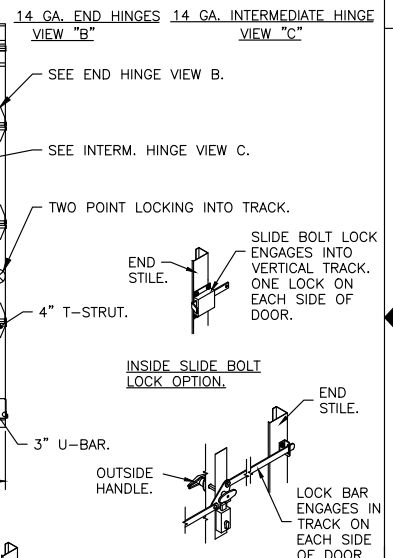
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
02	–	6/14/17	–	SH	ADDED CRM MODELS.
03	–	8/6/20	–	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	–	10/6/25	–	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

MIXED GLAZING SHOWN.

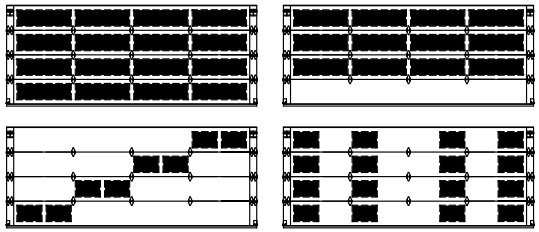
DOOR HEIGHT	# OF SECTIONS	# OF U-BARS	# OF T-STRUTS
UP TO 6'0"	3	3	3
6'3" TO 8'0"	4	4	4
8'3" TO 10'0"	5	5	5
10'3" TO 12'0"	6	6	6
12'3" TO 14'0"	7	7	7
14'3" TO 16'0"	8	8	8
MAX SECTION HEIGHT: 24"			







REPRESENTATIVE GLAZING PATTERNS.



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.

JAMES D. WHEELER LICENSE No. 91932 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.
TEST LOADS: +69.0 P.S.F. & -78.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay CORPORATION
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE: DSIUA-1F477
PART NO.: N/A
WINDLOAD RATING: W8 DP46T
DESCRIPTION: MODERN STEEL 2" INTELLICORE +46/-52 PSF TO 16' W
DRAWN BY: SH | DATE: 12/2015 | SCALE: NTS | DWG. SIZE B
CHECKED BY: -- | DATE: -- | SHEET 1 OF 5
DWG. NO.: 105002 | VER: IBC

FLORIDA PRODUCT APPROVAL 16546

BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	C7R20

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

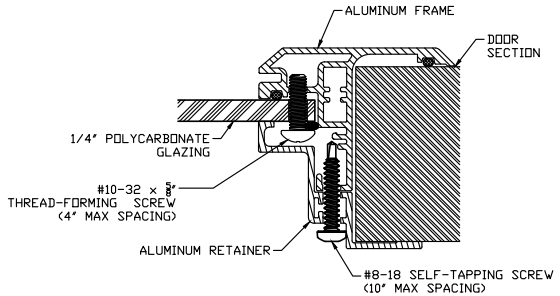
SHEET: 2 OF 5

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

IMPACT–RESISTANT CONSTRUCTION:

SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT–RESISTANT GLAZING ARE IMPACT–RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME GE LEXAN MR10, AN APPROVED CC1 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE WITH FBC 2612. 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 IS LARGE– AND SMALL–MISSILE IMPACT RESISTANT.

SECTION B–B (IMPACT–RESISTANT GLAZING OPTION)



DESIGN LOADS: +46.0 P.S.F. & –52.0 P.S.F.
TEST LOADS: +69.0 P.S.F. & –78.0 P.S.F.

MANUFACTURING PRODUCT CODE: DSIUA-1F477

PART NO.: N/A

WINDLOAD RATING: W8 DP46T

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay CORPORATION
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: MODERN STEEL 2" INTELLICORE +46/–52 PSF TO 16' W

DRAWN BY: SH	DATE: 12/2015	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 2 OF 5	
DWG. NO.: 105002		VER: IBC	

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

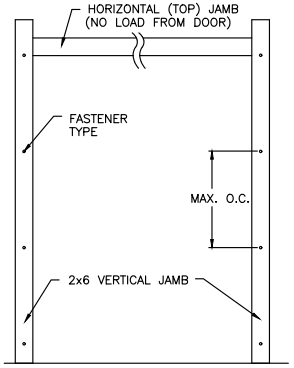
FLORIDA PRODUCT APPROVAL 16546

BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	C7R20

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

SHEET: 3 OF 5

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

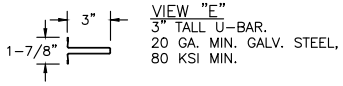


JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES:
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +368 LB & -416 LB. PER LINEAR FOOT OF JAMB.
3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, 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.

VIEW "D"
4" TALL TAPER STRUT.
0.062" MIN. GALV. STEEL,
80 KSI MIN.



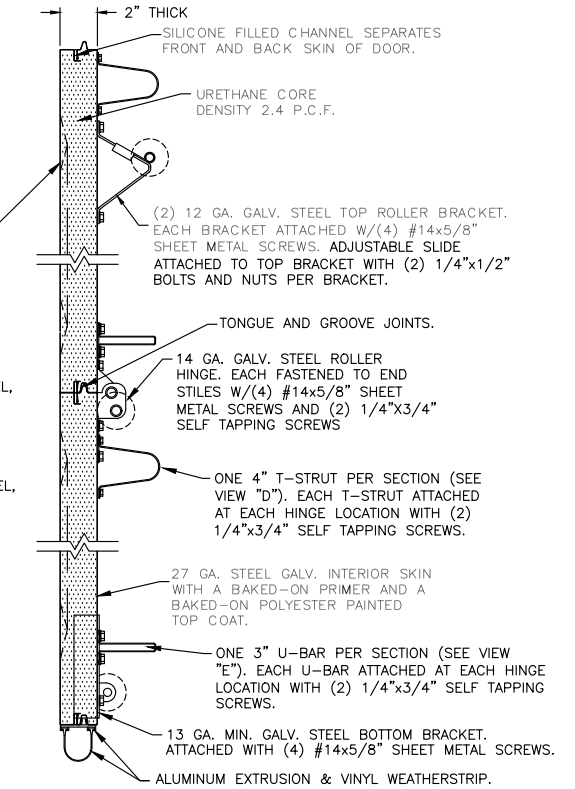
VIEW "E"
3" TALL U-BAR.
20 GA. MIN. GALV. STEEL,
80 KSI MIN.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL 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	4 1/2"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7 1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	6 1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	6"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	13 1/2"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	14 3/4"	1" O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	6"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	10 3/4"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	12 3/4"	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.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE: 2-1/2", 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.



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.
TEST LOADS: +69.0 P.S.F. & -78.0 P.S.F.

MANUFACTURING PRODUCT CODE: DSIUA-1F477
PART NO.: N/A
WINDLOAD RATING: W8 DP46T

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay CORPORATION
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: MODERN STEEL 2" INTELLICORE +46/-52 PSF TO 16' W

DRAWN BY: SH	DATE: 12/2015	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 3 OF 5	
DWG. NO.: 105002		VER: IBC	

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

FLORIDA PRODUCT APPROVAL 16546

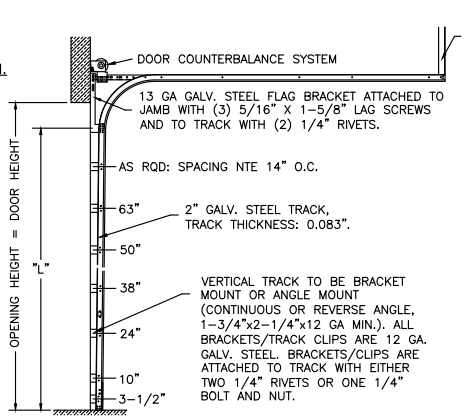
BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	C7R20

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

SHEET: 4 OF 5

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

2" TRACK CONFIGURATION.

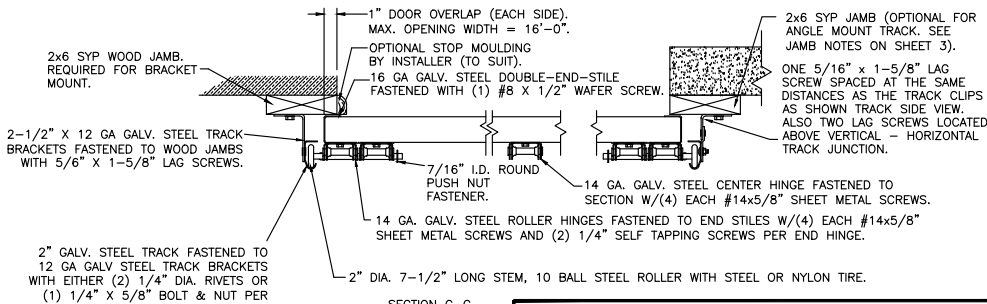


NOTE DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE- ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS.
TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
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"

JAMB CONFIGURATION.

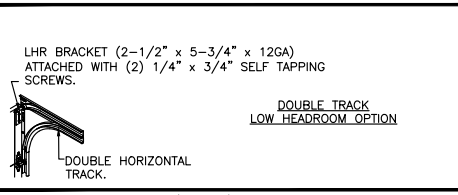
BRACKET MOUNT JAMB CONFIGURATION



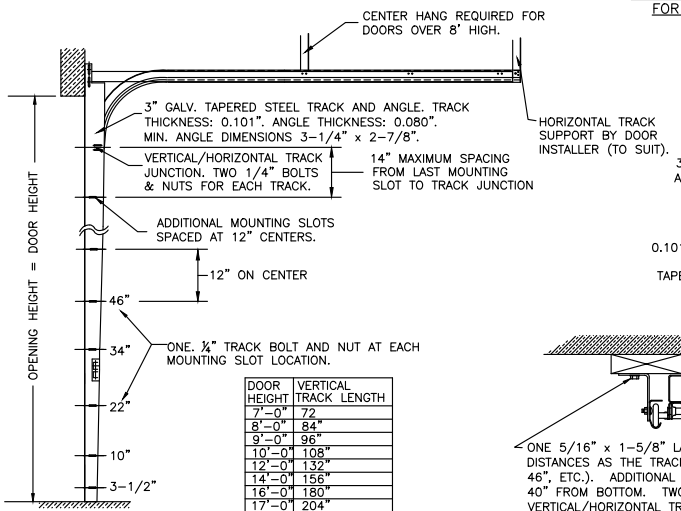
SECTION C-C

ANGLE MOUNT JAMB CONFIGURATION (CONTINUOUS ANGLE SHOWN, REVERSE ANGLE ALSO APPROVED)

PREPARATION OF JAMBS BY OTHERS.



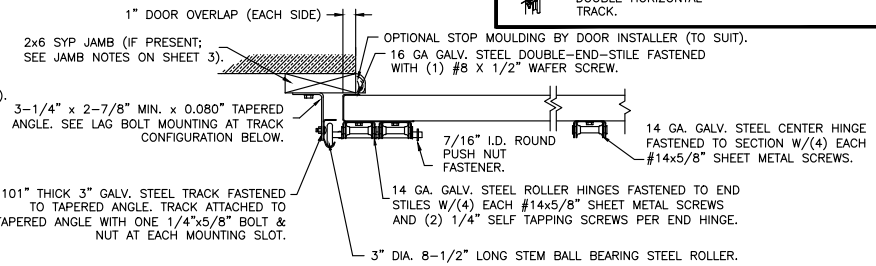
3" TRACK CONFIGURATION.



NOTE DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE- ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS.
TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.

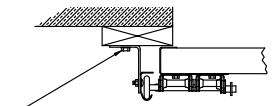
DOOR HEIGHT	VERTICAL TRACK LENGTH
7'-0"	72"
8'-0"	84"
9'-0"	96"
10'-0"	108"
12'-0"	132"
14'-0"	156"
16'-0"	180"
17'-0"	204"
18'-0"	228"

JAMB CONFIGURATION FOR 3" TRACK.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.



DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.
TEST LOADS: +69.0 P.S.F. & -78.0 P.S.F.

MANUFACTURING PRODUCT CODE: DSIUA-1F477

PART NO.: N/A

WINDLOAD RATING: W8 DP46T

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay CORPORATION
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: MODERN STEEL 2" INTELLICORE +46/-52 PSF TO 16' W

DRAWN BY: SH	DATE: 12/2015	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 4 OF 5	
DWG. NO.: 105002		VER: IBC	

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

FLORIDA PRODUCT APPROVAL 16546

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".

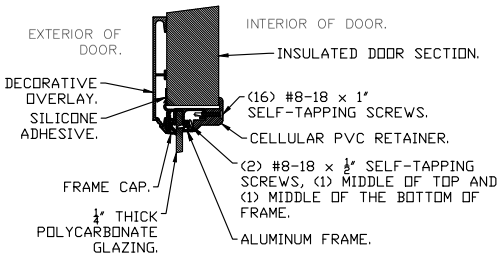
SHEET: 5 OF 5

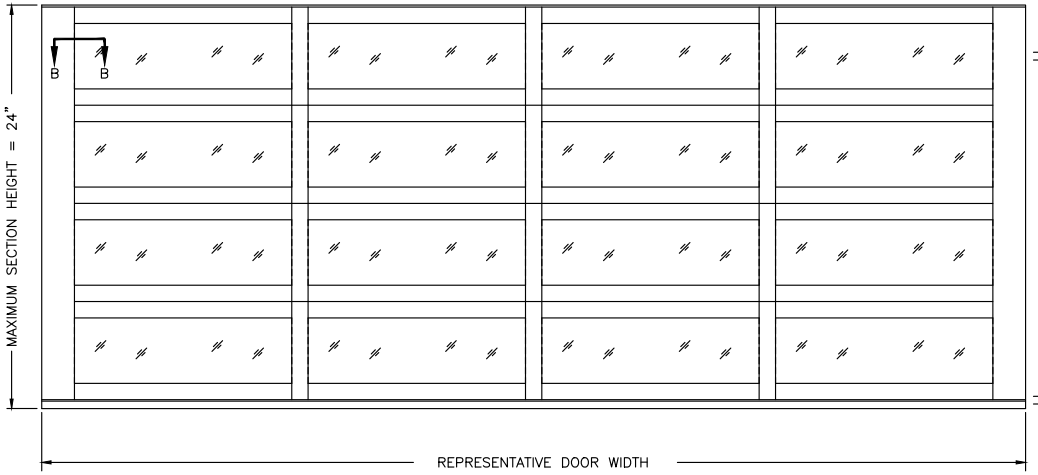
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
04	–	–	–	–	SEE REVISION HISTORY ON SHEET ONE.

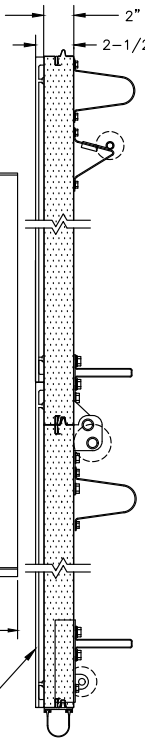
FULL VISION GLAZING SHOWN.

OPTIONAL GLAZING MAY BE STANDARD (DSB OR BETTER) OR 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 OR SECTION B–B ON SHEET 2 STANDARD CONSTRUCTION. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

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







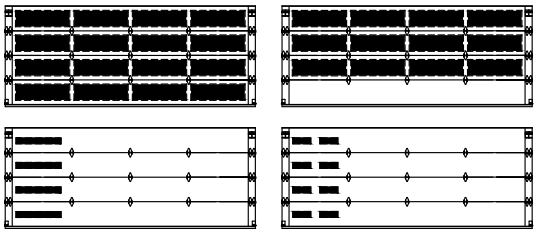
CANYON–RIDGE TYPE MODERN SERIES: HIGH DENSITY MOLDED COMPOSITE CLADDING OR OVERLAYS ADHERED TO OUTSIDE SKIN WITH PERMANENT ADHESIVE.

SECTION A–A (SIDE VIEW)

"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.

REPRESENTATIVE GLAZING PATTERNS.



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.

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

DESIGN LOADS: +46.0 P.S.F. & –52.0 P.S.F.
TEST LOADS: +69.0 P.S.F. & –78.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2"
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay CORPORATION
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513–770–4800
Fax No. 513–770–4853

MANUFACTURING PRODUCT CODE: DSIUA–1F477
PART NO.: N/A
WINDLOAD RATING: W8 DP46T
DESCRIPTION: MODERN STEEL 2" INTELLICORE +46/–52 PSF TO 16' W
DRAWN BY: SH | DATE: 12/2015 | SCALE: NTS | DWG. SIZE: B
CHECKED BY: –– | DATE: –– | SHEET 5 OF 5
DWG. NO.: 105002 | VER: IBC

FLORIDA PRODUCT APPROVAL 16546

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, HDPCC2, 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.

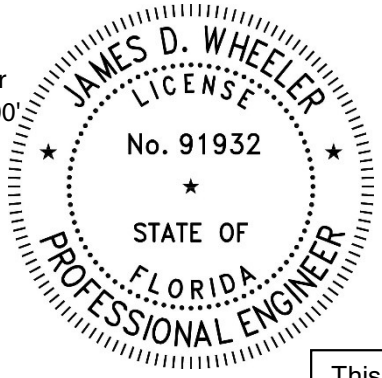
Jambs, lintels, sills or other structural elements required to prepare openings are not covered. The design of the supporting structural elements shall be the responsibility of the professional of record for the building or structure and in accordance with current building codes for the loads listed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



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