



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES  
(RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Clopay Corporation**  
**8585 Duke Boulevard**  
**Mason, OH 45040**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: 2in EPS Insulated W6 DP37 Steel Sectional Garage Door up to 20ft-2in Wide w/ Optional Impact Resistant Lites**

**APPROVAL DOCUMENT:** Drawing No. **104943**, titled "2" EPS Ins. Doors to 20'2", sheets 1 through 3 of 3, dated 01/11/2016, with revision **5** dated 09/06/2023, prepared by Clopay Corporation, signed and sealed by Mark Westerfield, P.E. on 09/14/2023, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA #21-0728.03** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
*12/21/2023*

NOA-No 23-0928.57  
Expiration Date: 09/29/2026  
Approval Date: 12/21/2023  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER NOA # 16-0824.03**

**A. DRAWINGS**

1. Drawing No. **104943**, titled "2" EPS Ins. Doors to 20'2", sheets 1 through 3 of 3, dated 01/11/2016, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

**B. TESTS**

1. Test reports on
  - 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 2) Large Missile Impact Test per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 4) Forced Entry Test, per FBC, TAS 202-94
  - 5) Tensile Test per ASTM E8along with marked-up drawings and installation diagram of 20'2"x 8', 27ga steel garage door Model 4300W6 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC1214.01-15**, dated 02/05/2016, signed and sealed by David W. Johnson, P.E.
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized painted and G90 panels, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **7890**, dated 10/01/2014, signed by Idalmis Ortega, P.E.

**C. CALCULATIONS**

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 08/11/2016, signed and sealed by Mark Westerfield, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **15-0915.08** issued to SABIC Innovative Plastics, US LLC for their Lexan Polycarbonate Sheet Products, approved on 12/10/2015, expiring on 07/17/2018.
2. Test report on Surface Burning Characteristics, per ASTM E84 of Atlas EPS Type I, Test Report No. **102609488SAT-001A**, prepared by Intertek Testing Services, NA, Inc., dated 06/20/2016, signed and sealed by Rick Curkeet, P.E.
3. Test report on Ignition Properties of Plastics per ASTM D1929 of Atlas EPS Type I, Test Report No. **102609488MID-002**, prepared by Intertek Testing Services, NA, Inc., dated 06/13/2016, signed and sealed by Rick Curkeet, P.E.



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA-No 23-0928.57  
Expiration Date: 09/29/2026  
Approval Date: 12/21/2023



NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS**

- 1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Clopay Building Products Company, dated 08/11/2016, signed and sealed by Mark Westerfield, P.E.
- 2. Statement letters of code conformance to 2010 FBC and of no financial interest, issued by Clopay Building Products Company, dated 08/11/2016, signed and sealed by Mark Westerfield, P.E.

**2. EVIDENCE SUBMITTED UNDER NOA # 17-0809.34**

**A. DRAWINGS**

- 1. Drawing No. **104943**, titled “2” EPS Ins. Doors to 20’2”, sheets 1 through 3 of 3, dated 01/11/2016, with revision **2** dated 07/18/2017, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

**B. TESTS**

- 1. None.

**C. CALCULATIONS**

- 1. None.

**D. QUALITY ASSURANCE**


- 1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

- 1. None.

**F. STATEMENTS**

- 1. Statement letter of code conformance to 2010, 5<sup>th</sup> Edition (2014) and 6<sup>th</sup> Edition (2017) FBC issued by Clopay Building Products Company, dated 08/02/2017, signed and sealed by Mark Westerfield, P.E.

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA-No 23-0928.57  
Expiration Date: 09/29/2026  
Approval Date: 12/21/2023

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER NOA # 20-0922.29**

**A. DRAWINGS**

- 1. Drawing No. **104943**, titled “2” EPS Ins. Doors to 20’2”, sheets 1 through 3 of 3, dated 01/11/2016, with revision **4** dated 08/25/2020, prepared by Clopay Corporation, dated 09/10/2020, signed and sealed by Mark Westerfield, P.E.

**B. TESTS**

- 1. None.

**C. CALCULATIONS**

- 1. None.

**D. QUALITY ASSURANCE**

- 1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

- 1. None.

**F. STATEMENTS**

- 1. Statement letters of code conformance to **6<sup>th</sup> Edition (2017) and 7<sup>th</sup> Edition (2020) FBC**, issued by Clopay Corporation, dated 09/15/2020, signed and sealed by Mark Westerfield, P.E.
- 2. Certificate of amendment changing the company name from Clopay Building Products Company, Inc. to Clopay Corporation, issued by the State of Delaware, dated 08/27/2019.

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-0728.03**

**A. DRAWINGS**

- 1. Drawing No. **104943**, titled “2” EPS Ins. Doors to 20’2”, sheets 1 through 3 of 3, dated 01/11/2016, with revision **4** dated 08/25/2020, prepared by Clopay Corporation, signed and sealed by Mark Westerfield, P.E. on 07/21/2021.

**B. TESTS**

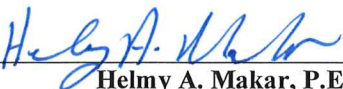
- 1. None.

**C. CALCULATIONS**

- 1. None.

**D. QUALITY ASSURANCE**

- 1. Miami-Dade Department of Regulatory and Economic Resources (RER).



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA-No 23-0928.57  
Expiration Date: 09/29/2026  
Approval Date: 12/21/2023

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to the 7<sup>th</sup> Edition (2020) of the FBC, issued by Clopay Corporation, dated 07/20/2021, signed and sealed by Mark Westerfield, P.E.
2. Statement letter of no financial interest, issued by Clopay Corporation, dated 07/20/2021, signed and sealed by Mark Westerfield, P.E.

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **104943**, titled "2" EPS Ins. Doors to 20'2", sheets 1 through 3 of 3, dated 01/11/2016, with revision **5** dated 09/06/2023, prepared by Clopay Corporation, signed and sealed by Mark Westerfield, P.E. on 09/14/2023.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

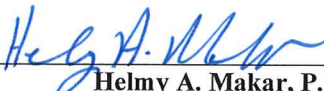
1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. None.

**G. STATEMENTS**

1. Statement letter of code conformance to the 7<sup>th</sup> Edition (2020) and 8<sup>th</sup> Edition (2023) of the FBC, issued by Clopay Corporation, dated 09/15/2023, signed and sealed by Mark Westerfield, P.E.
2. Statement letter of no financial interest, issued by Clopay Corporation, dated 09/15/2023, signed and sealed by Mark Westerfield, P.E.

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA-No 23-0928.57  
Expiration Date: 09/29/2026  
Approval Date: 12/21/2023



MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	6200	6201	6203

SHEET  
1 OF 3

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
01	P. 2	9/22/16	—	MWW	UPDATED INTER HINGE GAUGE, BOT. BRKT GAUGE, U-BAR KSI
02	—	7/18/17	—	MWW	UPDATED CODE COMPLIANCE STATEMENT TO ADD 6TH EDITION FBC.
03	—	2/6/20	EN2736	SH	REVISED MAX WINDOW SIZE AND TITLE BLOCK
04	—	8/25/20	—	MWW	UPDATED CODE COMPLIANCE STATEMENT TO 7TH EDITION
05	—	9/6/23	—	JDW	UPDATED CODE COMPLIANCE STATEMENT TO ADD 8TH EDITION FBC.

(1) 20 GA. BACKER PLATE (2" X SECTION HEIGHT) BETWEEN EACH EMBOSS LOCATION THAT CONTAINS A CENTER HINGE. ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

OPTIONAL ROW OF IMPACT-RESISTANT GLAZING. MAX. GLAZING SIZE IS 19-1/2" x 12". SEE SECTION B-B FOR ASSEMBLY DETAILS. (GLAZING CAN BE IN TOP OR INTERMEDIATE SECTION.)

16 GA. DOUBLE END STILES. MAY BE NOTCHED FOR LITES.

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

SLIDE BOLT LOCK ENGAGES INTO VERTICAL TRACK. ONE LOCK ON EACH SIDE OF DOOR.

INSIDE SLIDE BOLT LOCK OPTION.

TWO POINT LOCKING INTO TRACK.

U-BAR.

T-STRUT.

(1) 3-IN ROLLER CARRIER (P/N 0120394) USED AS INNER BOTTOM BRACKET. ATTACH WITH (3) 1/4"x3/4"SELF TAPPING SCREWS.

SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.

OUTSIDE KEYED HANDLE. END STILE. INSIDE HANDLE.

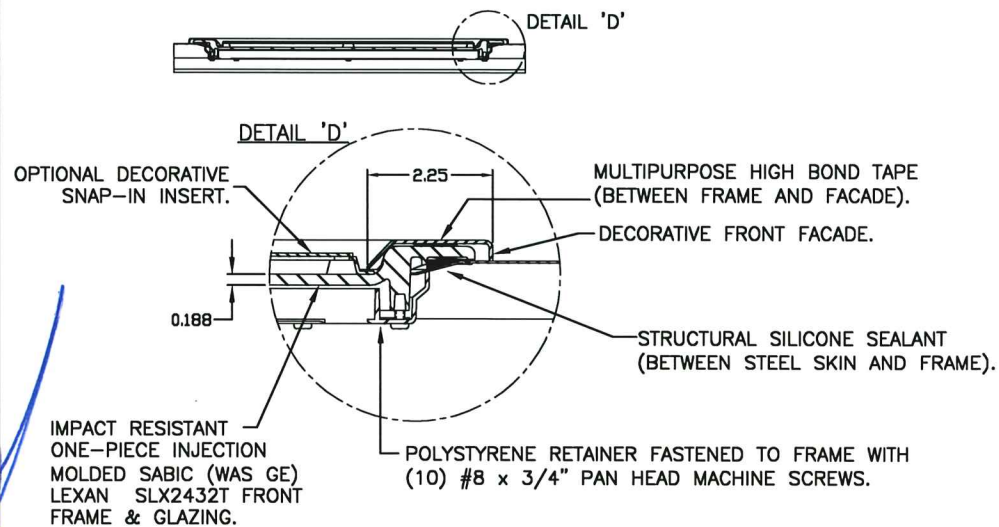
OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

OUTSIDE HANDLE. END STILE. LOCK BAR ENGAGES IN TRACK ON EACH SIDE OF DOOR.

OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.

DOOR HEIGHT	# OF SECTIONS
6'0" TO 7'0"	4
7'3" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'3"	7
12'6" TO 14'0"	8
14'3" TO 15'9"	9
16'0"	10
MAX SECTION HEIGHT: 21'	

### SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 23-0928.57  
Expiration Date 09/29/2026  
By *Heidi A. Nader*  
Miami Date Product Control

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF 7TH AND 8TH EDITION OF THE FLORIDA BUILDING CODE

DESIGN LOADS: +37.0 P.S.F. & -40.0 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

DESCRIPTION: 2" EPS INS. DOORS TO 20'2" (SEE TABLE FOR MODELS)

DRAWN BY: SH

DATE: 6/25/14

SCALE: NTS

DWG. SIZE B

CHECKED BY: MWW

DATE: 1/11/16

SHEET 1 OF 3

DWG. NO.: 104943

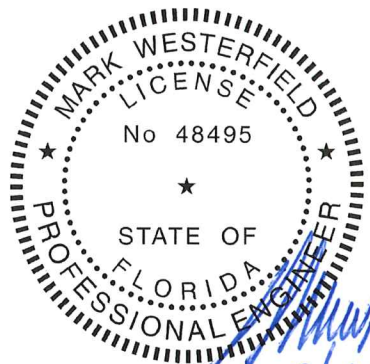
VER: MD

MANUFACTURING PRODUCT CODE  
DSIE-1F171

PART NO.: N/A

WINDLOAD RATING  
W6 DP37

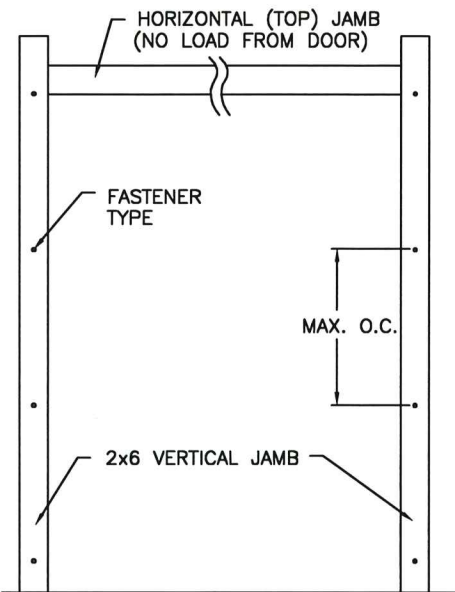
DESIGN ENGINEER:  
MARK WESTERFIELD, P.E.  
FLORIDA LICENSE No. 48495





MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	6200	6201	6203

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



### JAMB TO SUPPORTING STRUCTURE ATTACHMENT

#### NOTES:

- 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.
- EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +370 LB & -400 LB. PER LINEAR FOOT OF JAMB.
- ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
- 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.

#### WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING ( $F_b$ ) FOR DOORS UP TO 8'0" HIGH OR (4) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING ( $F_b$ ) FOR DOORS UP TO 16'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS.

#### BLOCK WALL OR CONCRETE

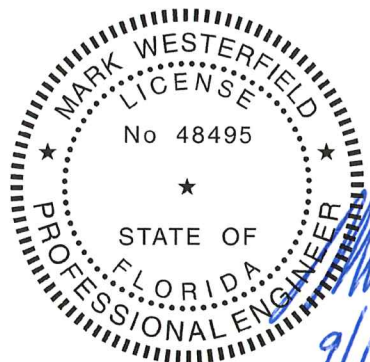
2x6 SYP (GRADE #2 OR BETTER) WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

### 2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

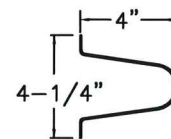
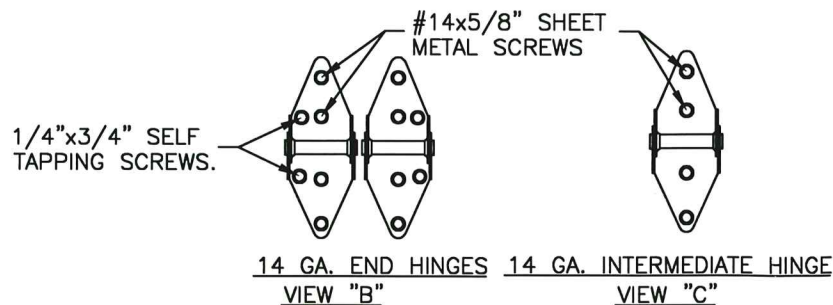
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

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 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	15-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	14-1/4"	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	14-1/2"	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.  
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.  
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

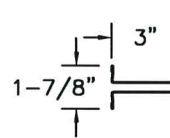


DESIGN ENGINEER:  
MARK WESTERFIELD, P.E.  
FLORIDA LICENSE No. 48495



#### VIEW "D"

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



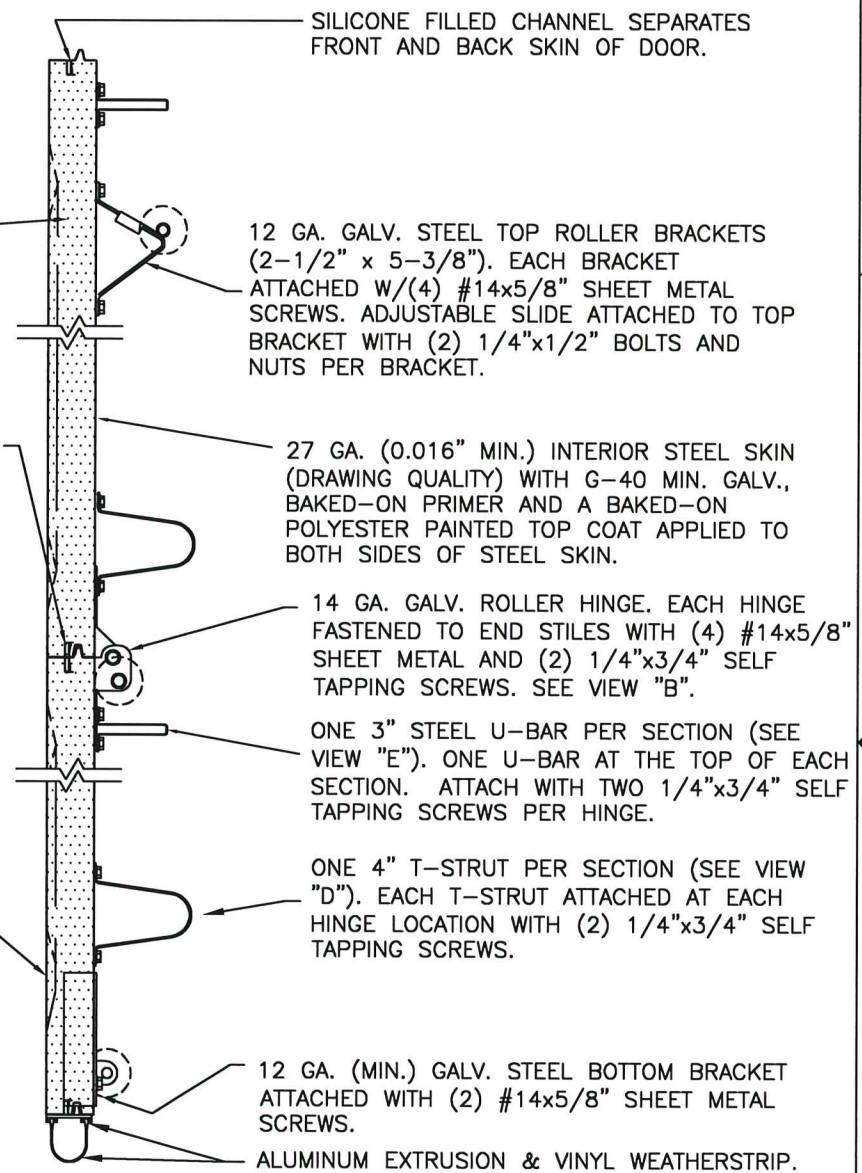
#### VIEW "E"

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

27 GA (0.016" MIN.) EXTERIOR STEEL SKIN (MIN. YIELD STRENGTH: 35.6 KSI, DRAWING QUALITY) WITH G-40 MIN. GALV. BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 23-0928.57  
Expiration Date 04/29/2026  
By H. G. A. Miller  
Miami Data Product Control

### SECTION A-A (SIDE VIEW)



DESIGN LOADS: +37.0 P.S.F. & -40.0 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.	 <div>8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853</div>		WINDLOAD RATING <div>W6 DP37</div>		
	DESCRIPTION: 2" EPS INS. DOORS TO 20'2" (SEE TABLE FOR MODELS)				
	DRAWN BY: SH		DATE: 6/25/14	SCALE: NTS	DWG. SIZE
	CHECKED BY: MWW		DATE: 1/11/16	SHEET 2 OF 3	B
	DWG. NO.: 104943			VER: MD	



MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	6200	6201	6203

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

D

C

B

A

D

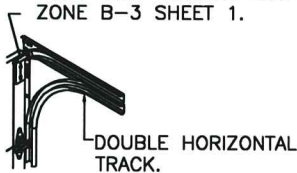
C

B

A

LHR BRACKET (2-1/2" x 5-3/4" x 12GA)  
ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING  
SCREWS. NOTE THAT LHR BRACKETS ARE ALSO  
USED WITH "DOUBLE END STILE" AS SHOWN IN  
ZONE B-3 SHEET 1.

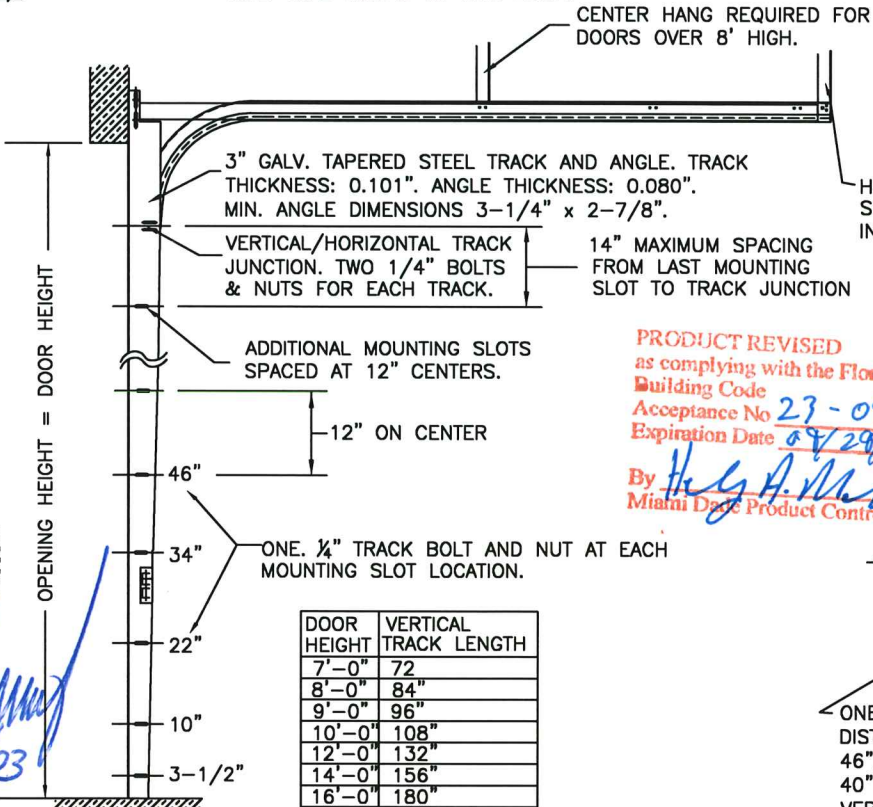
DOUBLE TRACK  
LOW HEADROOM OPTION



3" TRACK CONFIGURATION  
(ALL SIZES).

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

JAMB CONFIGURATION  
(ALL SIZES).



CENTER HANG REQUIRED FOR  
DOORS OVER 8' HIGH.

HORIZONTAL TRACK  
SUPPORT BY DOOR  
INSTALLER (TO SUIT).

2x6 SYP WOOD JAMB. SEE  
"JAMB PREPARATION NOTE".

3-1/4" x 2-7/8" MIN. x 0.080" TAPERED  
ANGLE. SEE LAG BOLT MOUNTING AT TRACK  
CONFIGURATION ON PAGE ONE.

0.101" THICK 3" GALV. STEEL TRACK FASTENED  
TO TAPERED ANGLE. TRACK ATTACHED TO  
TAPERED ANGLE WITH ONE 1/4"x5/8" BOLT &  
NUT AT EACH MOUNTING SLOT.

STOP MOULDING BY DOOR INSTALLER (TO SUIT).

16 GA GALV. STEEL DOUBLE-END-STILE FASTENED WITH (1) #8 X 1/2" WAFER  
SCREW. END STILE DIM.: 5-3/4 X 2-1/8" X 3/8".

7/16" I.D. ROUND  
PUSH NUT  
FASTENER.

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

14 GA. GALV. STEEL ROLLER HINGES FASTENED TO END  
STILES W/(4) EACH #14x5/8" SHEET METAL SCREWS  
AND (2) 1/4" SELF TAPPING SCREWS PER END HINGE.

3" DIA. 8-1/2" LONG STEM BALL BEARING STEEL ROLLER.

SECTION C-C

DESIGN LOADS: +37.0 P.S.F. & -40.0 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

DESCRIPTION: 2" EPS INS. DOORS TO 20'2" (SEE TABLE FOR MODELS)

DRAWN BY: SH

DATE: 6/25/14

SCALE: NTS

DWG. SIZE B

CHECKED BY: MWW

DATE: 1/11/16

SHEET 3 OF 3

DWG. NO.: 104943

VER: MD

ONE 5/16" x 1-5/8" LAG SCREW SPACED AT THE SAME  
DISTANCES AS THE TRACK BOLTS (I.E. 3-1/2", 10", 22", 34",  
46", ETC.). ADDITIONAL LAG SCREWS LOCATED AT 16", 28", &  
40" FROM BOTTOM. TWO LAG SCREWS ALSO LOCATED ABOVE  
VERTICAL/HORIZONTAL TRACK JUNCTION.

PRODUCT REVISED  
as complying with the Florida:  
Building Code  
Acceptance No 23-0928.57  
Expiration Date 6/29/2026  
By *Heidi A. Nelson*  
Miami Door Product Control



DESIGN ENGINEER:  
MARK WESTERFIELD, P.E.  
FLORIDA LICENSE No. 48495