



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

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 W8 DP46 Steel Sectional Garage Door up to 16ft.-2in. Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **104736**, titled "2" EPS Ins. 16' Doors", sheets 1 through 3 of 3, dated 10/26/2012, with revision **07** dated 09/07/2023, prepared by Clopay Corporation, signed and sealed by Mark Westerfield, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and 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 **renews** and **revises** **NOA # 22-1116.04** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**




12/21/23

NOA No 23-1026.02
Expiration Date: January 31, 2029
Approval Date: December 28, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS “Submitted under NOA # 17-1016.17”

1. Drawing No. **104736**, titled “2” EPS Ins. 16’ Doors”, sheets 1 through 3 of 3, dated 10/26/2012, with revision **04** dated 7/2017, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS “Submitted under NOA # 13-0402.04”

1. Addendum to Test Report No. **ATLNC 0827.01-12**, dated 02/06/2013, signed and sealed by David W. Johnson, P.E.

“Submitted under NOA # 12-1108.01”

2. 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 2411 3.2.1, TAS 202-94
5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 16’2”x 8’, 27ga steel garage door Model 4300 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0827.01-12**, dated 10/09/2012, signed and sealed by David W. Johnson, P.E.

3. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS “Submitted under NOA # 12-1108.01”

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 11/05/2012, signed and sealed by Scott Hamilton, 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 Type I EPS, Test Report No. **3082960-500**, prepared by Intertek Testing Services, NA, Inc., dated 10/04/2005, signed by Javier Trevino.
3. Test report on Ignition Properties of Plastics per ASTM D1929 of Type I EPS, Test Report No. **3082959-500**, prepared by Intertek Testing Services, NA, Inc., dated 09/16/2005, signed by C. Anthony Peñaloza.



Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 23-1026.02

Expiration Date: January 31, 2029

Approval Date: December 28, 2023

Clopay Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS “Submitted under NOA # 15-0225.15”

1. Statement letter of code conformance with the 2010 and the 5th edition (2014) FBC issued by Clopay Building Products Company, dated 02/18/2015, signed and sealed by Scott Hamilton, P.E.
“Submitted under NOA # 12-1108.01”
2. Statement letters of code conformance to 2010 FBC and no financial interest, issued by Clopay Building Products Company, dated 11/05/2012, signed and sealed by Scott Hamilton, P.E.
3. Statement letter of code conformance to **6th Edition (2017) FBC**, issued by Clopay Building Products Company, dated 10/04/2017, signed and sealed by Scott Hamilton, P.E. **“Submitted under NOA # 17-1016.17”**

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA # 20-0922.19

A. DRAWINGS

1. Drawing No. **104736**, titled “2” EPS Ins. 16’ Doors”, sheets 1 through 3 of 3, dated 10/26/2012, with revision **06** dated 08/26/2020, prepared by Clopay Corporation, dated 09/10/2020, signed and sealed by Scott Hamilton, 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 **6th Edition (2017) and 7th Edition (2020) FBC**, issued by Clopay Corporation, dated 09/15/2020, signed and sealed by Scott Hamilton, 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



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 23-1026.02

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **104736**, titled “2” EPS Ins. 16’ Doors”, sheets 1 through 3 of 3, dated 10/26/2012, with revision **07** dated 09/07/2023, prepared by Clopay Corporation, 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 TAS 202-94
 - 5) Tensile Test per ASTM E8along with marked-up drawings and installation diagram of 16’2”x 8’, 27ga steel garage door Model 4300 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0713.01-23**, dated 08/31/2023, signed and sealed by David W. Johnson, P.E.

C. CALCULATIONS

1. Jamb anchoring calculations prepared by Clopay Building Products Company, dated 10/18/2023, 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. None.

F. STATEMENTS

1. Statement letter of code conformance to the 8th Edition (2023) of the FBC, issued by Clopay Corporation, dated 10/18/2023, signed and sealed by Mark Westerfield, P.E.
2. Statement letter of no financial interest, issued by Clopay Corporation, dated 10/18/2023, signed and sealed by Mark Westerfield, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 23-1026.02
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4

3

2

1

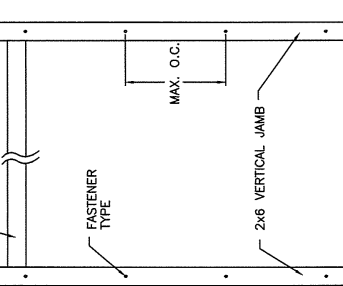
MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

SHEET:
2 OF 3

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

REVISIONS

HORIZONTAL (TOP) JAMB
(NO LOAD FROM DOOR)



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 +368 LB & -416 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. 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 NOMINUM 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 OR CONCRETE FOOTING. BLOCK WALLS SHALL BE REINFORCED WITH STEEL BARS. ALL BARS REINFORCED WITH STEEL BARS EXTENDING INTO THE FOOTING AND INTO THE 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

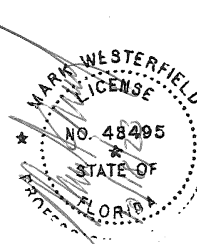
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER SPACING BETWEEN FASTENERS*
BLOCK WALL	1/4" x 1-3/4" MIN. EMBED CARBON STEEL CONCRETE ANCHOR	5'-3/4"
GROUT-FILLED CMU	1/4" x 1-3/4" MIN. EMBED CARBON STEEL CONCRETE ANCHOR	12"
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CARBON STEEL CONCRETE ANCHOR	1'-0"
4000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CARBON STEEL CONCRETE ANCHOR	14'-1/4"
2500 PSI MIN. CONCRETE	3/8" x 3" NOMINAL EMBED HILTI KWIK BOLT T22 CONCRETE ANCHOR	19"
WOOD FRAME (SYP 0.55 SG) 1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE		24"
		1'-1/2" O.D.
		14'-3/4"

* 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.

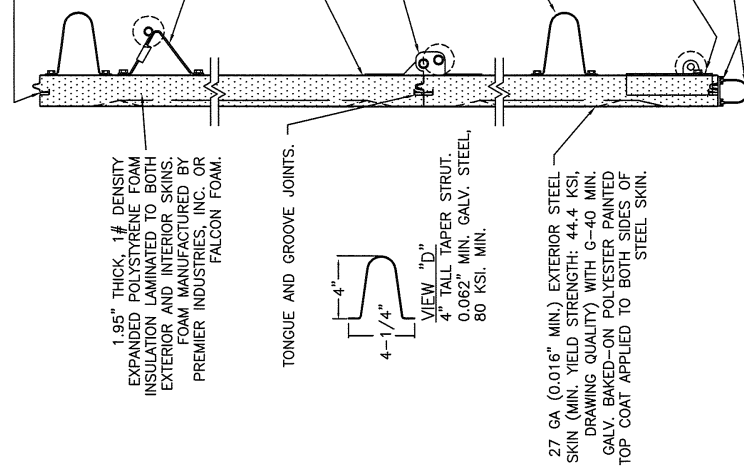
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.

MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



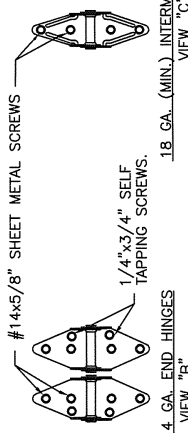
PRODUCT REVISED
as complying with the Florida Building Code
NOA No. 23-1026.02
Expiration Date 01/31/2029
By *[Signature]*
Miami-Dade Product Control

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



- 1.95" THICK, 1# DENSITY EXPANDED POLYSTYRENE FOAM INSULATION LAMINATED TO BOTH EXTERIOR AND INTERIOR SKINS. FOAM MANUFACTURED BY PREMIER INDUSTRIES, INC. OR FALCON FOAM.
- (1) 12 GA. GALV. STEEL TOP ROLLER BRACKETS (2-1/2" x 5-3/8"). EACH BRACKET ATTACHED W/ (4) #14x5/8" SHEET METAL SCREWS. ADJUSTABLE SLIDE ATTACHED TO TOP BRACKET WITH (2) 1/4"x1/2" BOLTS AND NUTS PER BRACKET.
- 27 GA. (0.016" MIN.) INTERIOR STEEL SKIN (DRAWING QUALITY) WITH G-40 MIN. GALV., BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.
- 14 GA. GALV. ROLLER HINGE. EACH HINGE FASTENED TO END STILES WITH (4) #14x5/8" SHEET METAL AND (2) 1/4"x3/4" SELF TAPPING SCREWS. SEE VIEW "B".
- ONE 4" T-STROUT PER SECTION. (SEE VIEW "D") EACH T-STROUT ATTACHED AT EACH HINGE LOCATION WITH (2) 1/4"x3/4" SELF TAPPING SCREWS.
- 13 GA. GALV. STEEL BOTTOM BRACKET ATTACHED WITH (2) #14x5/8" SHEET METAL SCREWS. ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.
- VIEW "D"
4-1/4"
4" TALL TAPER STRUT.
0.062" MIN. GALV. STEEL.
80 KSI. MIN.
- VIEW "B"
- VIEW "C"

SECTION A-A (SIDE VIEW)



- 14 GA. END HINGES
VIEW "B"
- 1/4"x3/4" SELF TAPPING SCREWS.
- 18 GA. (MIN.) INTERMEDIATE HINGE
VIEW "C"

DESIGN LOADS: +46.0 P.S.F. & -92.0 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

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

DESIGNER:
CLOPAY CORPORATION
5555 Duke Boulevard
Fort Lauderdale, FL 33309
Tel. No. 513-770-4800
Fax No. 513-770-4853

PART NO.: N/A

WINDLOAD RATING
W8 DP46

DESCRIPTION: 2" EPS INS. 16" DOORS (SEE TABLE FOR MODELS)

DRAWN BY: SH

CHECKED BY: SH

DATE: 10/12/12

SCALE: NTS

SHEET 2 OF 3

SIZE: B

VER: MD

MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLDPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

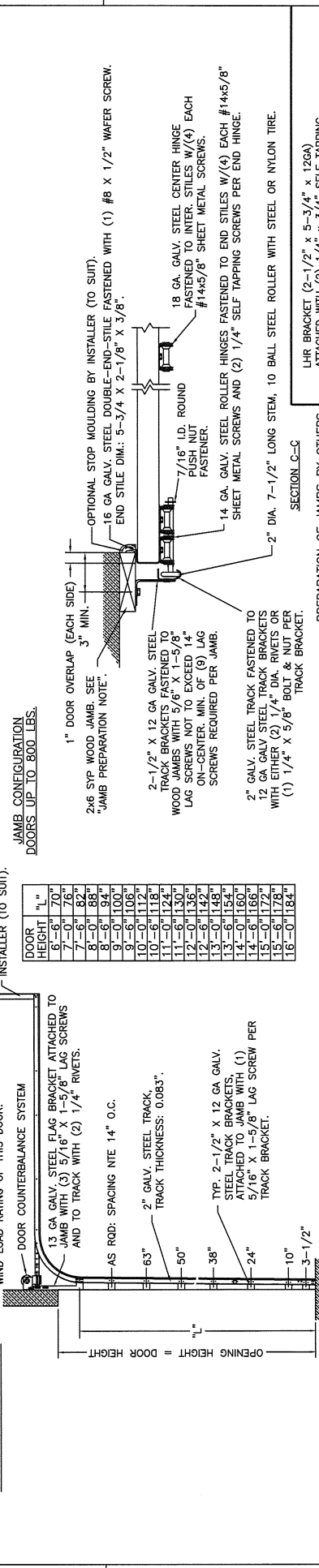
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
07	--	--	--	--	SEE REVISION HISTORY ON SHEET ONE.

2" TRACK CONFIGURATION
DOORS UP TO 800 LBS.

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

DOOR COUNTERBALANCE SYSTEM

HORIZONTAL TRACK
SUPPORT BY DOOR
INSTALLER (TO SUIT).

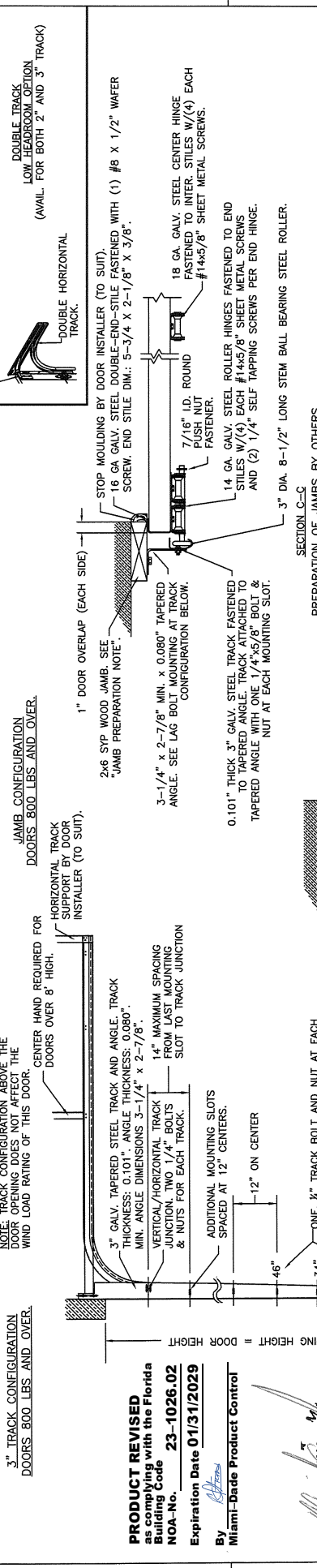


3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.

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

DOORS OVER 8' HIGH.

HORIZONTAL TRACK
SUPPORT BY DOOR
INSTALLER (TO SUIT).



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1026.02
Expiration Date 01/31/2029
By *Mark Westerfield*
Miami-Dade Product Control

MARK WESTERFIELD
DESIGN ENGINEER
FLORIDA LICENSE NO. 48495

DOOR HEIGHT	VERTICAL TRACK LENGTH
6'-0"	64"
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"

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

8555 Duke Boulevard
Miami, FL 33140
Clopay Corporation
Tel. 305-455-4800
Fax No. 313-770-4853

W8 DP46
WINDLOAD RATING
PART NO.: N/A

DESCRIPTION: 2" EPS INS. 16" DOORS (SEE TABLE FOR MODELS)
DRAWN BY: SH
CHECKED BY: SH
DATE: 10/12/12
SCALE: NTS
DATE: 10/26/12
SHEET 3 OF 3
DWG. B
VER: MD