

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

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 Steel Pan W6 DP36 Sectional Garage Door up to 18ft-2in Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **104761**, titled "2" Steel Pan Doors 18'-2", sheets 1 through 3 of 3, dated 11/08/2012, with revision **06** dated 03/02/2023, prepared by Clopay Corporation, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control renewal 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 NOA # 20-0922.17** 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 Carlos M. Utrera, P.E.



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NOA No 23-0314.02 Expiration Date: April 11, 2028 Approval Date: April 6, 2023 Page 1

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS "Submitted under NOA # 15-0225.11"

1. Drawing No. 104761, titled "2" Steel Pan Doors 18'-2", sheets 1 through 3 of 3, dated 11/08/2012, with revision 03 dated 2/2015, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "Submitted under NOA # 12-1205.08"

- 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 E8

along with marked-up drawings and installation diagram of 18'-2"x 8', 25ga steel garage door Model 73W6 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 1113.01-12R**, dated 02/18/2013, signed and sealed by David W. Johnson, P.E.

2. 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 # 12-1205.08"

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 11/30/2012, 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. **13-0717.01** issued to SABIC Innovative Plastics for their Lexan Polycarbonate Sheet Products, approved on 11/28/2013, expiring on 07/17/2018.

F. STATEMENTS "Submitted under NOA # 15-0225.11"

- 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.
- Statement letters of code conformance to 2010 FBC and no financial interest, issued by Clopay Building Products Company, dated 11/30/2012, signed and sealed by Scott Hamilton, P.E. "Submitted under NOA # 12-1205.08"

Carlos M. Utrera, P.E. Product Control Examiner NOA No 23-0314.02 Expiration Date: April 11, 2028 Approval Date: April 6, 2023

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA # 17-1016.15

A. DRAWINGS

1. Drawing No. 104761, titled "2" Steel Pan Doors 18'-2", sheets 1 through 3 of 3, dated 11/08/2012, with revision 04 dated 7/2017, prepared by Clopay Building Products Company, 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. 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.

F. STATEMENTS

- 1. 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.
- 2. Statement letter of no financial interest, issued by Clopay Building Products Company, dated 10/04/2017, signed and sealed by Scott Hamilton, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No 23-0314.02 Expiration Date: April 11, 2028 Approval Date: April 6, 2023

3. EVIDENCE SUBMITTED UNDER NOA # 20-0922.17

A. DRAWINGS

1. Drawing No. 104761, titled "2" Steel Pan Doors 18'-2", sheets 1 through 3 of 3, dated 11/08/2012, with revision 05 dated 08/26/2020, prepared by Clopay Corporation, dated 09/16/2020, signed and sealed by Scott Hamilton, P.E.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.

E. QUALITY ASSURANCE

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

F. MATERIAL CERTIFICATIONS

1. None.

G. STATEMENTS

- 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 23-0314.02 Expiration Date: April 11, 2028 Approval Date: April 6, 2023

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 104761, titled "2" Steel Pan Doors 18'-2", sheets 1 through 3 of 3, dated 11/08/2012, with revision 06 dated 03/02/2023, prepared by Clopay Corporation, signed and sealed by Scott Hamilton, P.E.

B. TESTS

- 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 E8

along with marked-up drawings and installation diagram of 18'-2"x 8', 24ga steel garage door Model 94W6 with windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 0103.02-23, dated 02/28/2023, signed and sealed by David W. Johnson, P.E.

C. CALCULATIONS

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 03/02/2023, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

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

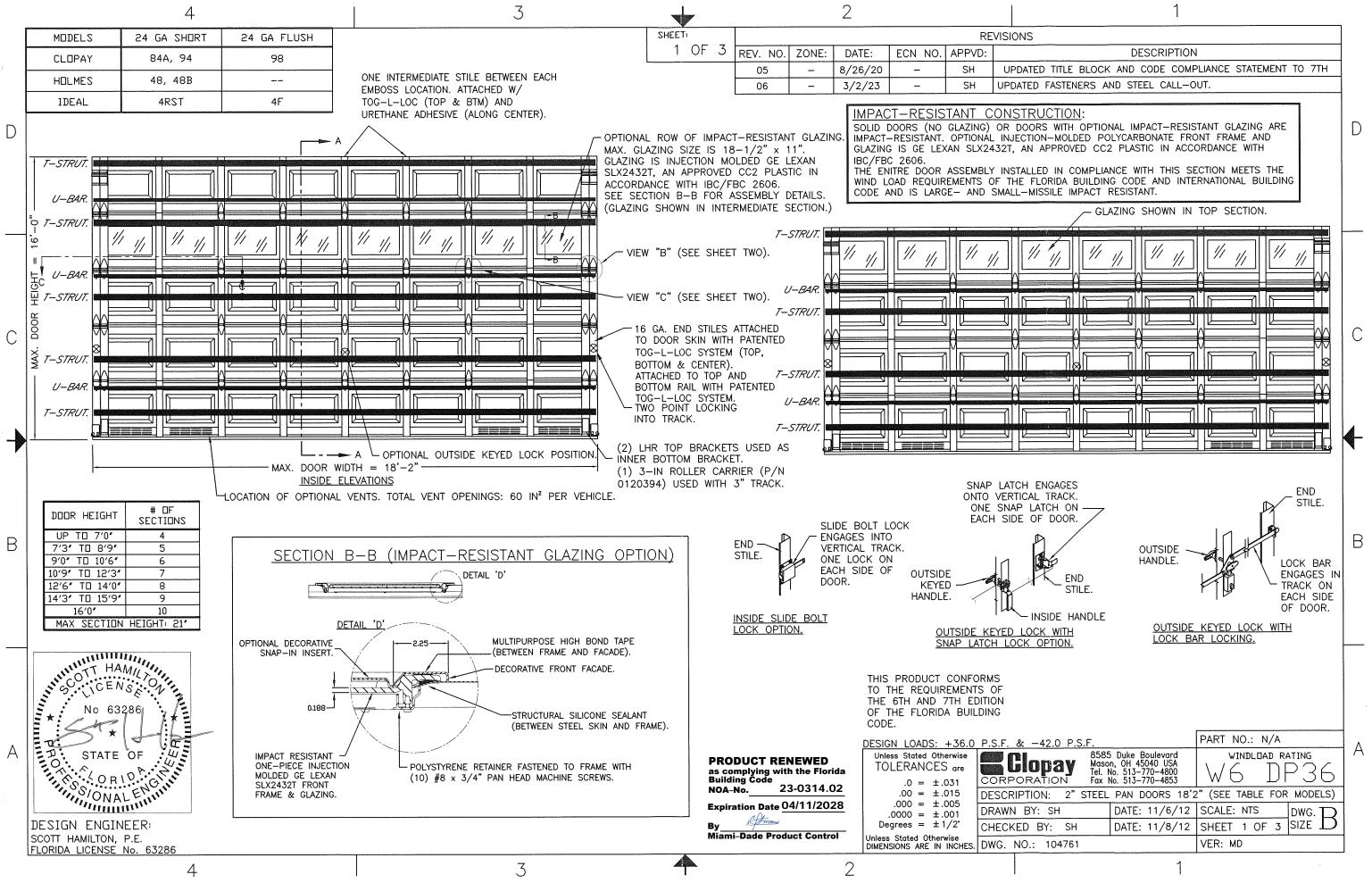
E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance NOA # 21-1109.01, issued to SABIC Innovative Plastic US LLC for its Lexan Polycarbonate Sheet Products, approved on 04/07/2022 and expiring on 04/01/2026.

F. STATEMENTS

- 1. Statement letter of code conformance to 7th Edition (2020) of the FBC, issued by Clopay Corporation, dated 03/02/2023, signed and sealed by Scott Hamilton, P.E.
- 2. Statement letter of no financial interest, issued by Clopay Corporation, dated 03/02/2023, signed and sealed by Scott Hamilton, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No 23-0314.02 Expiration Date: April 11, 2028 Approval Date: April 6, 2023



D

В

			-
MODELS	24 GA SHORT	24 GA FLUSH	
CLOPAY	84A, 94	98	
HOLMES	48, 48B		
IDEAL	4RST	4F	

MAX. O.C.

HORIZONTAL (TOP) JAMB

(NO LOAD FROM DOOR)

FASTENER

2x6 VERTICAL JAMB

TYPE

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) JAME.

3

SHEET

2 OF 3

REV. NO.

06

- 2. FACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +342 LB & -378 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.

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 (Fb) 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 (Fb) 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

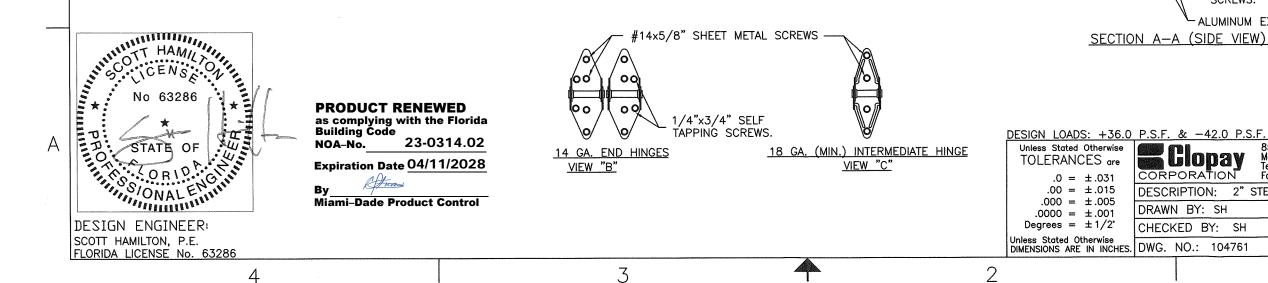
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

		MAXIMUM	
		ON-CENTER	
		DISTANCE	STEEL
		BETWEEN	WASHERS
BUILDING TYPE	FASTENER TYPE	FASTENERS [*]	REQUIRED?
BLOCK WALL	1/4" X 1-1/4" EMBED CRETE-FLEX CONCRETE ANCHOR	9"	1" O.D.
3350 PSI MIN. CONCRETE	¼" X 1–3/4" EMBED CRETE-FLEX CONCRETE ANCHOR	23"	1" O.D.
2000 PSI MIN. CONCRETE	¼" X 1–3/4" EMBED TAPCON CONCRETE ANCHOR	16-1/4"	1" O.D.
WOOD FRAME (SYP 0.55 SG)	%" x 1-1/2 EMBED LAG SCREW	19-1/4"	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 BLOCK: 2-1/2"", EXCLUDING STUCCO THICKNESS.



2

DATE:

24 GA. (0.022" MIN. THICK,

39.1 KSI MIN. YIELD) DDS

STEEL EXTERIOR SKIN WITH

PRIMER AND A BAKED-ON

STEEL SKIN.

SHIP LAP

JOINTS

G-40 GALVANIZING, BAKED-ON

POLYESTER PAINTED TOP COAT

VIEW "D"

80 KSI. MIN.

4" TALL TAPER STRUT.

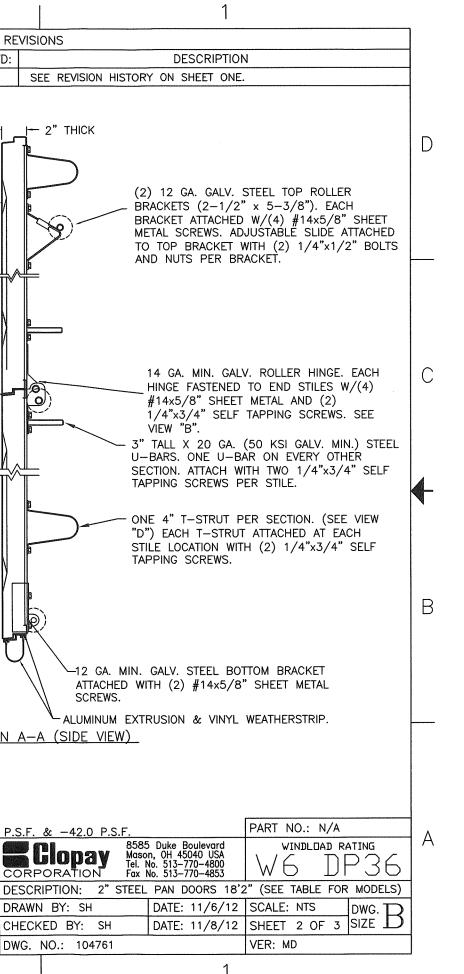
0.062" MIN. GALV. STEEL,

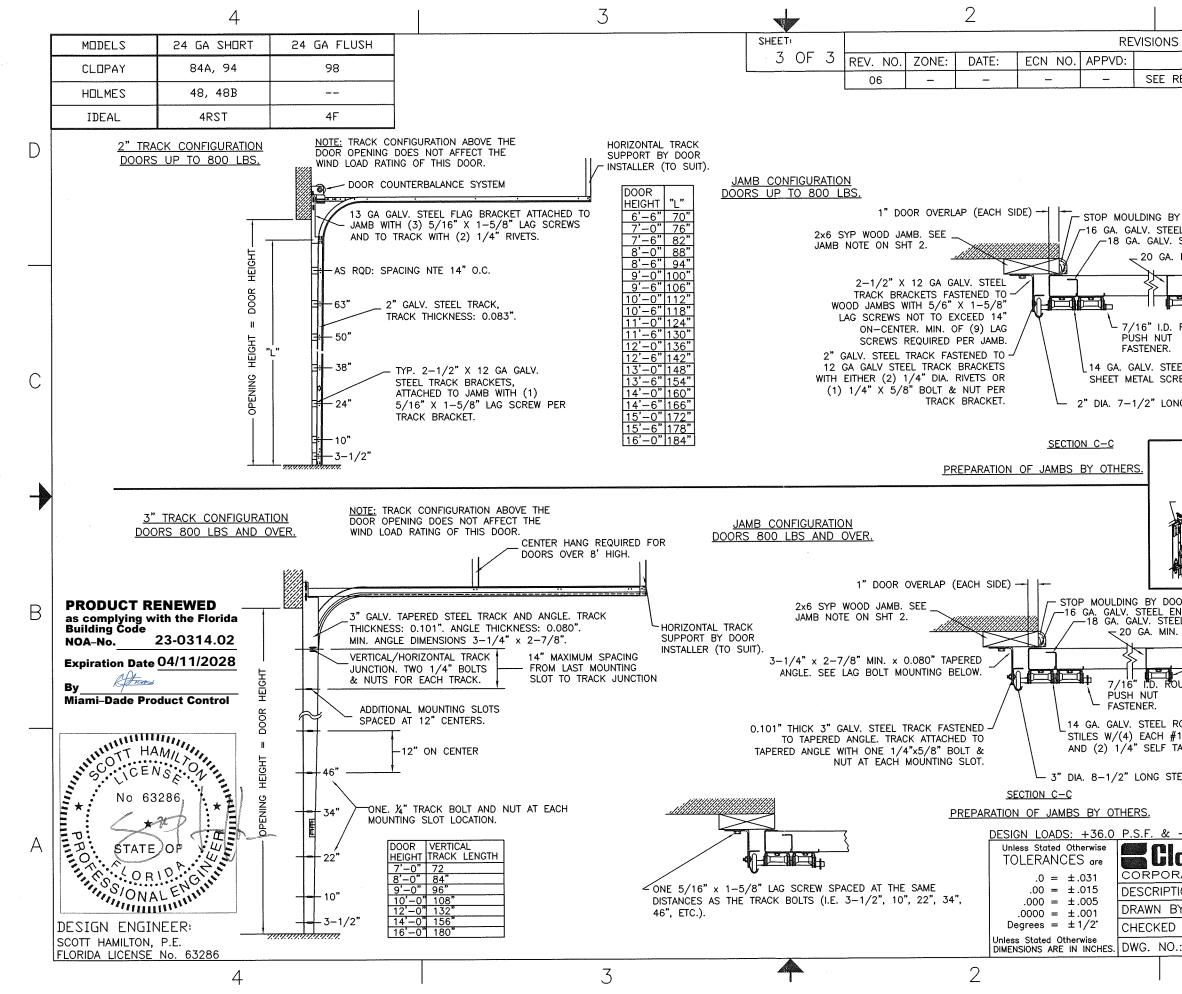
APPLIED TO BOTH SIDES OF

ECN NO. APPVD:

ZONE:

O





1			
6			
DESCRIPTION			
REVISION HISTORY ON SHEET ONE.			
	Γ		
	D		
y door installer (to suit).			
EL END STILE. STEEL DOUBLE END STILE.			
MIN. GALV. STEEL INTERM. STILE.			
S HINGE FASTENED TO CENTER			
STILE W/(4) EACH #14x5/8" SHEET METAL SCREWS.			
ROUND			
EL ROLLER HINGES FASTENED TO END STILES W/(4) EACH #14x5/8"	\sim		
REWS AND (2) 1/4" SELF TAPPING SCREWS PER END HINGE.	U		
NG STEM, 10 BALL STEEL ROLLER WITH STEEL OR NYLON TIRE.			
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 (AVAIL. FOR BOTH 2" AND 3" TRACK)			
TRACK.			
OR INSTALLER (TO SUIT).	D		
ND STILE. EL DOUBLE END STILE.	В		
. GALV. STEEL INTERM. STILE.			
HINGE FASTENED TO CENTER			
STILE W/(4) EACH #14x5/8"			
DUND SHEET METAL SCREWS.			
ROLLER HINGES FASTENED TO END 14x5/8" SHEET METAL SCREWS			
TAPPING SCREWS PER END HINGE.			
'EM BALL BEARING STEEL ROLLER.			
-420 PSE PART NO.: N/A			
8585 Duke Boulevard WINDLOAD RATING			
ODAX Mason, OH 45040 USA Tel. No. 513-770-4800			
BY: SH DATE: 11/6/12 SCALE: NIS DWG. BY: SH DATE: 11/8/12 SHEET 3 OF 3 SIZE B			
.: 104761 VER: MD			