



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
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/pera/

Clopay Building Products Company
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 PERA -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. PERA 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: Steel Sectional Garage Door up to 9'-0" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. 101706, titled "Single-Car Steel Pan Garage Door with Opt. Impact Resist. Lites", sheet 1 of 1, dated 11/18/1996, with revision 8 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, 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.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panels. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Miami-Dade County approved laboratory. Every 3 months, the manufacturer shall mail to this office a copy of the tested reports. Only coils with average yield strength of 27,000 psi or more shall be used to make door panels for Miami-Dade County under this Notice of Acceptance.

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 # 08-0724.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



[Signature]
03/27/2012

NOA No 12-0125.11
Expiration Date: September 25, 2013
Approval Date: April 5, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **101706**, titled "Single-Car Steel Pan Garage Door with Opt. Impact Resist. Lites", sheet 1 of 1, dated 11/18/1996, with revision 8 dated 01/2012, prepared by Cloday Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "Submitted under NOA # 08-0724.04"

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

Along with marked-up drawings and installation diagram of Cloday 9'x 8', 24 ga. steel garage door Model 94W9 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0610.01-08**, dated 07/16/2008, signed and sealed by David W. Johnson, P.E.

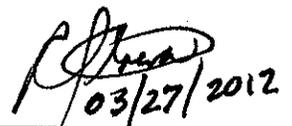
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS "Submitted under NOA # 08-0724.04"

1. Jamb anchor calculations, complying with FBC-2004, prepared by Cloday Building Products Company, dated 07/22/2008, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)



03/27/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 12-0125.11

Expiration Date: September 25, 2013
Approval Date: April 5, 2012

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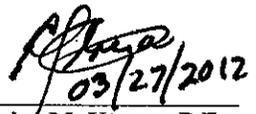
E. MATERIAL CERTIFICATIONS *"Submitted under NOA # 07-0807.14"*

1. Test report on Accelerated Weathering Using Xenon Arc Light Apparatus per ASTM G155 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-A002**, dated 12/04/2006, signed by Rafael E. Droz-Seda, P.E.
2. Test report on Self-Ignition Temperature per ASTM D1929, Rate of Burn per ASTM D635, and Smoke Density per ASTM D2843 of the Lexan Plastic, prepared by ETC Laboratories, Test Report No. **ETC-06-1024-17496.0**, dated 05/26/2006, signed by Joseph L. Doldan, P.E.

F. STATEMENTS

1. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Scott Hamilton, P.E.

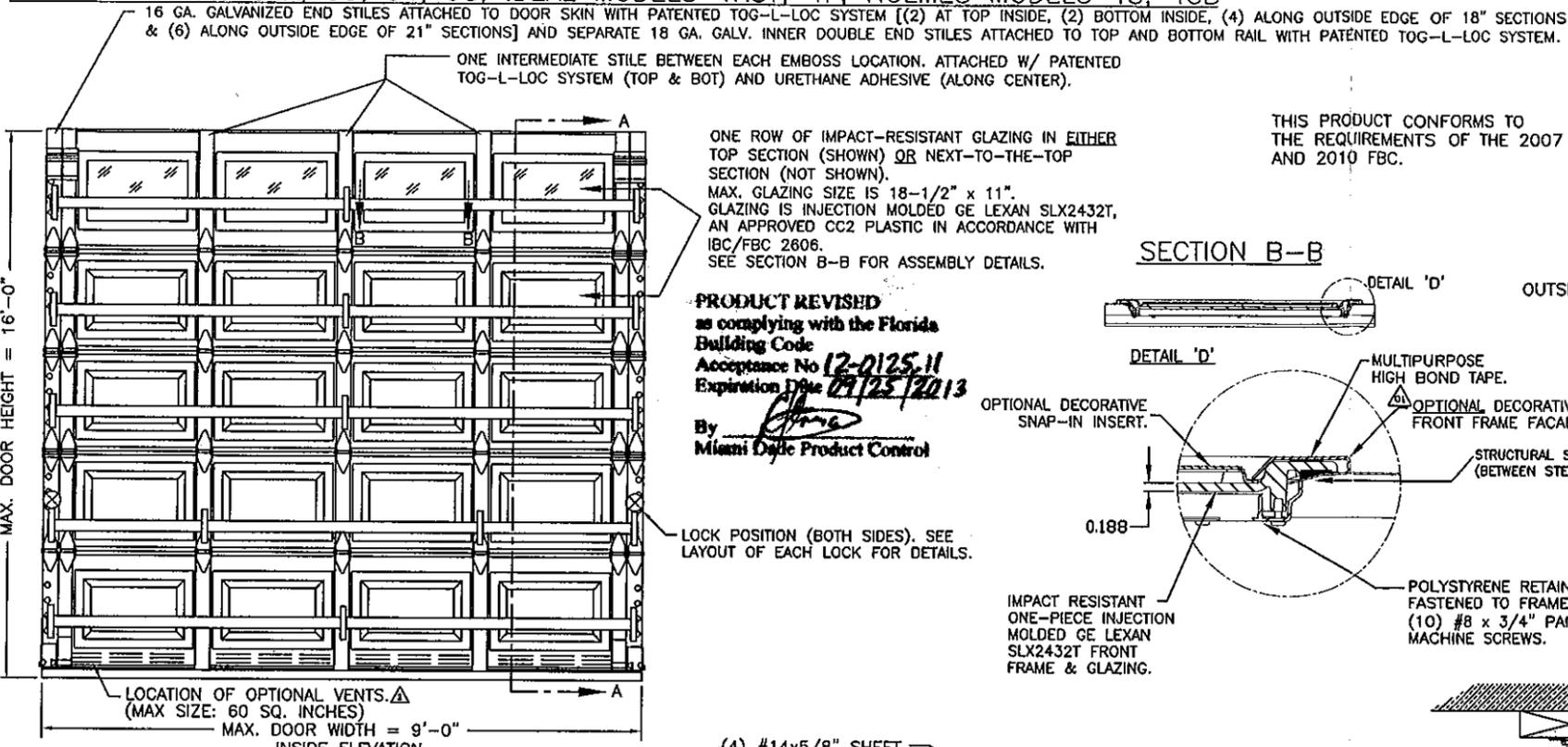
2. *"Submitted under NOA # 08-0724.04"*
Statement letter of no financial interest issued by Clopay Building Products Company, dated 07/18/2008, signed and sealed by Scott Hamilton, P.E.



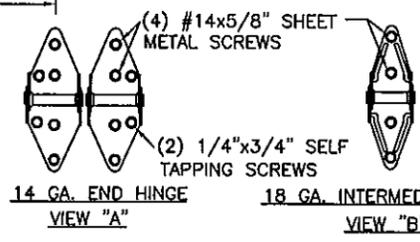
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 12-0125.11
Expiration Date: September 25, 2013
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CLOPAY MODELS 84A, 93, 94, 98; IDEAL MODELS 4RST, 4F; HOLMES MODELS 48, 48B

REV	DATE	DESCRIPTION
2	8/18/97	ADD VENT SIZE: ADD G-60
3	3/2001	G-40 MIN. WAS G-60
4	5/2003	ADD EXTENDED HEIGHT MODELS
5	8/2003	REVISED LOCK NOTE
6	6/2008	ADDED OPTIONAL LITES: INCREASE DESIGN LOAD
7	7/2008	REVISED MAX. HT. MIN. YIELD: ADDED 48B
8	1/2012	AFFIRMED COMPLIANCE WITH 2010 FBC



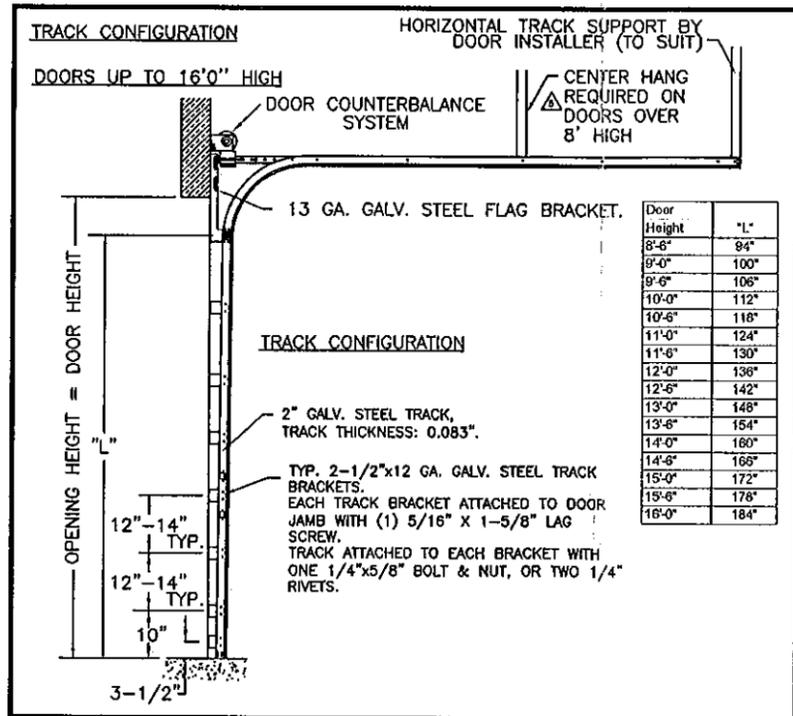
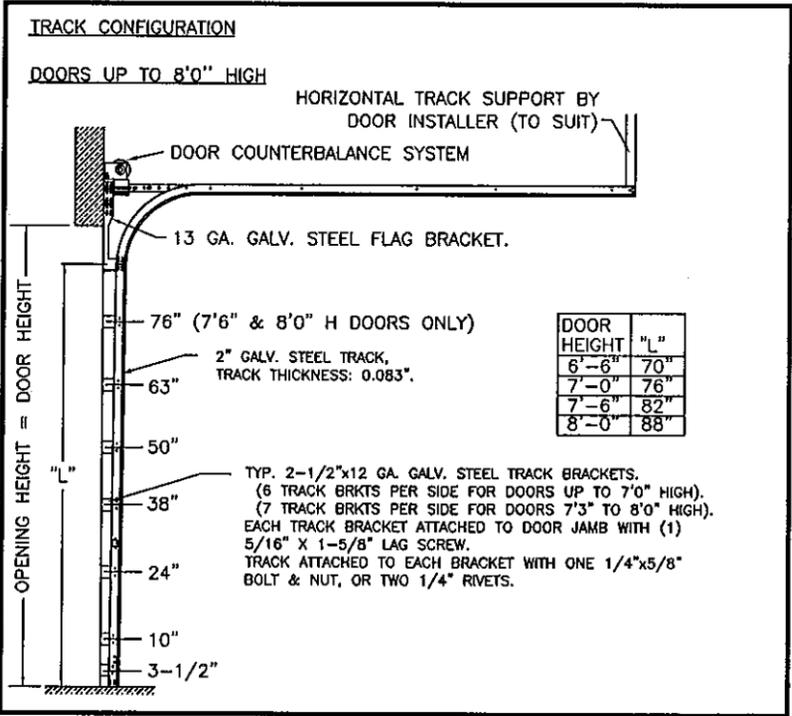
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 12-0125-11
 Expiration Date 01/25/2013
 By *[Signature]*
 Miami Dade Product Control



DOOR HEIGHT	NUMBER OF SECTIONS *
6'0" TO 7'0"	4
7'6" TO 8'0"	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

* SECTIONS ARE EITHER 18" OR 21"

TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.



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.
 - 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) 2x4 [OPENINGS UP TO 8'0"W] OR (3) 2x6 [OPENINGS UP TO 18'0"W] 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). STUD WALLS TO BE CONTINUOUS FROM FOOTING TO THE 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 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.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
 (NOT TO BE USED FOR ATTACHMENT OF TRACK BRACKETS)

BUILDING TYPE	FASTENER TYPE	MAXIMUM * ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
C-90 BLOCK (HOLLOW OR GROUTED)	1/4" x 3" (1-1/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	7"	1" O.D.
2,000 PSI MIN. CONCRETE	1/4" x 4" (1-3/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	14-1/4"	1" O.D.
3,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/4" EMBED) SIMPSON STRONG-TIE WEDGE-ALL WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	14-1/2"	INCLUDED
2,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/2" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	16"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	16-3/4"	1" O.D.

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



CLOPAY BUILDING PRODUCTS COMPANY
 8585 DUKE BLVD.
 MASON, OH 45040
 (513) 770 - 4800

MANUFACTURING PRODUCT CODE PAN-2F143	CLOPAY WINDLOAD RATING W9	MAXIMUM DOOR SIZE 9'0"W x 16'0"H
DATE 11/18/96	DESCRIPTION SINGLE-CAR STEEL PAN GARAGE DOOR WITH OPT. IMPACT RESIST. LITES	VER. MD
DRAWN BY MWW	CHECKED BY B	DRAWING NUMBER 101706

DESIGN LOADS: +62.0 PSF & -72.0 PSF

SCOTT HAMILTON, P.E.
 FLORIDA P.E. No. 63286