



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
 (305) 375-2901 FAX (305) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buldingcode](http://www.miamidade.gov/buldingcode)

**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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 9' wide w/ Optional Impact Resistant Lites**

**APPROVAL DOCUMENT:** Drawing No. **101702**, titled "Single Car W7 Pan Door with Impact Resistant Lites", sheet 1 of 1, dated 06/13/08, 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 Division.

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

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**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 and renews** NOA # **03-0428.04** 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.**



*[Handwritten Signature]*  
 6/30/08

**NOA No 08-0618.03**  
**Expiration Date: August 21, 2013**  
**Approval Date: July 24, 2008**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **101702**, titled "Single Car W7 Pan Door with Impact Resistant Lites", sheet 1 of 1, dated 06/13/08, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, 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 2411 3.2.1, TAS 202-94  
5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 9'x 8', 24ga steel garage door Model 94W7 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0305.01-08**, dated 05/28/08, 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 01/26/05, signed by John D. Lee, P.E.

**C. CALCULATIONS**

1. Jamb anchor calculations, prepared by Clopay Building Products Company, dated 06/13/08, signed and sealed by Scott Hamilton, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).



---

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 08-0618.03

Expiration Date: August 21, 2013

Approval Date: July 24, 2008

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**E. MATERIAL CERTIFICATIONS**

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 12/04/06, signed by Rafael E. Droz-Seda, P.E.
2. Test report on Tensile Test per ASTM D638-96 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-T566**, dated 12/04/06, signed by Rafael E. Droz-Seda, P.E.
3. Test report on Tensile Test per ASTM D638-96 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-T634**, dated 12/04/06, signed by Rafael E. Droz-Seda, P.E.
4. 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 05/26/06, signed by Joseph L. Doldan, P.E.

**F. STATEMENTS**

1. Statement letter of conformance issued by Clopay Building Products Company, dated 06/13/08, signed and sealed by Scott Hamilton, P.E.
2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 06/13/08, signed and sealed by Scott Hamilton, P.E.

**G. OTHER**

1. Notice of Acceptance No. **03-0428.04**, issued to Clopay Building Products Company, approved on 06/05/03 and expiring on 08/21/08.



---

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No 08-0618.03

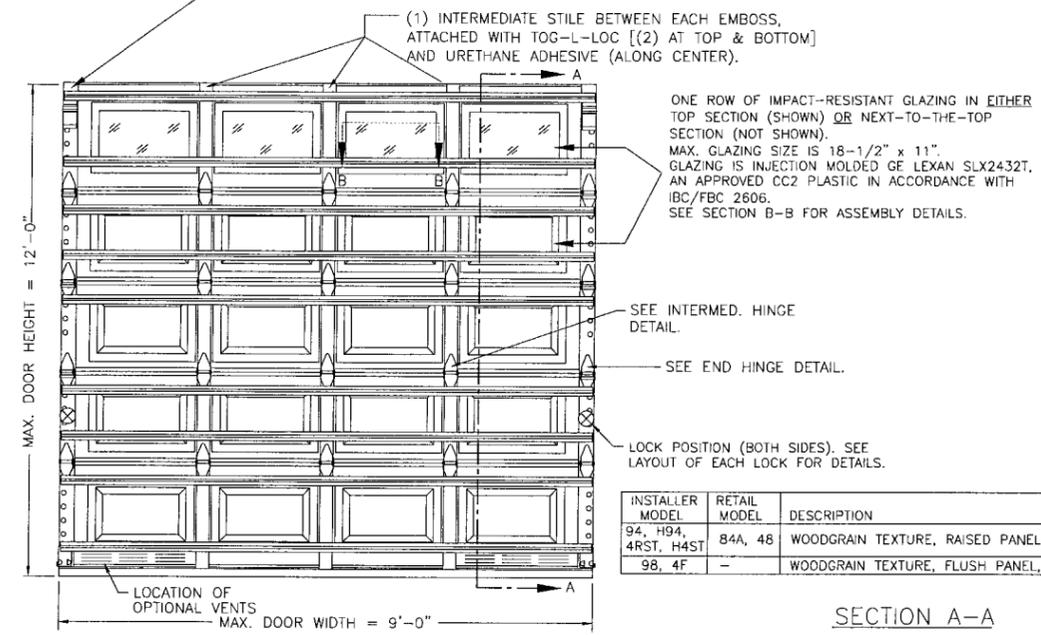
Expiration Date: August 21, 2013  
Approval Date: July 24, 2008

CLOPAY MODELS 84A, 94, 98, H94  
 IDEAL MODELS: 4RST, H4ST, 4F  
 HOLMES MODELS: 48

END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM. END STILES HAVE (2) TOG-L-LOC CLINCHES AT TOP AND (2) AT BOTTOM. ALONG THE FRONT FACE:

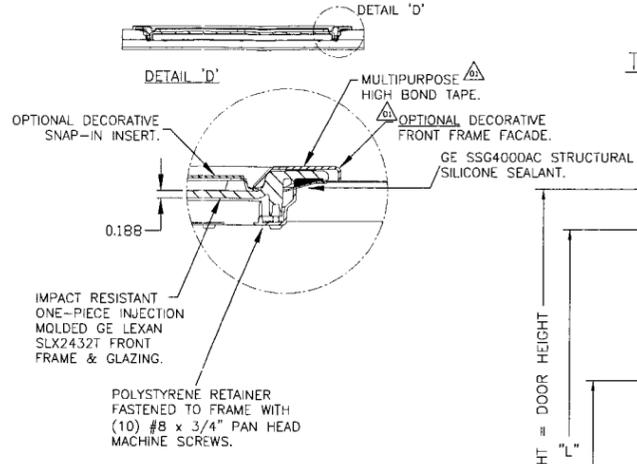
- 21" SECTIONS HAVE (6) TOG-L-LOC CLINCHES;
- 18" SECTIONS HAVE (4) TOG-L-LOC CLINCHES.

REV	DATE	DESCRIPTION
02	03/16/01	G-40 MIN. WAS G-60
03	04/2003	ADDED EXTENDED HEIGHT MODELS
04	06/13/08	ADDED OPTIONAL IMPACT RESISTANT LITES.

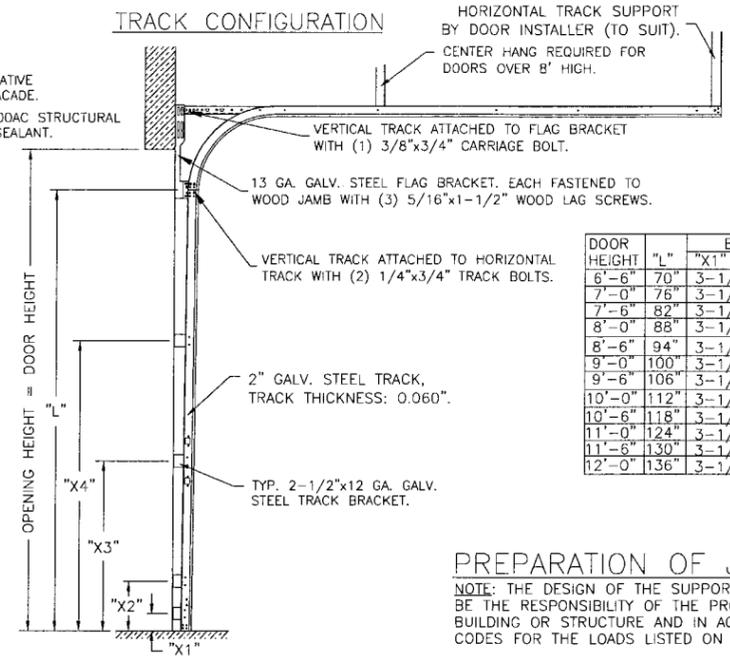


INSTALLER MODEL	RETAIL MODEL	DESCRIPTION
94, H94	84A, 48	WOODGRAIN TEXTURE, RAISED PANEL, GALV. INTER. STILES
4RST, H4ST		
98, 4F		WOODGRAIN TEXTURE, FLUSH PANEL, GALV. INTER. STILES

SECTION B-B



TRACK CONFIGURATION



DOOR HEIGHT	BRACKET PLACEMENTS						
	"L"	"X1"	"X2"	"X3"	"X4"	"X5"	"X6"
6'-6"	70"	3-1/2"	10"	35"	60"	-	-
7'-0"	76"	3-1/2"	10"	38"	66"	-	-
7'-6"	82"	3-1/2"	10"	34"	58"	-	-
8'-0"	88"	3-1/2"	10"	34"	58"	-	-
8'-6"	94"	3-1/2"	10"	34"	58"	82"	-
9'-0"	100"	3-1/2"	10"	34"	58"	82"	-
9'-6"	106"	3-1/2"	10"	34"	58"	82"	-
10'-0"	112"	3-1/2"	10"	34"	58"	82"	-
10'-6"	118"	3-1/2"	10"	34"	58"	82"	106"
11'-0"	124"	3-1/2"	10"	34"	58"	82"	106"
11'-6"	130"	3-1/2"	10"	34"	58"	82"	106"
12'-0"	136"	3-1/2"	10"	34"	58"	82"	106"

TABLE 1

DOOR HEIGHT	NUMBER OF SECTIONS*
6'0" TO 7'0"	4
7'6" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'0"	7

\* SECTION ARE EITHER 18" OR 21" HIGH

PREPARATION OF JAMBS BY OTHERS

NOTE: 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 THIS DRAWING.

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

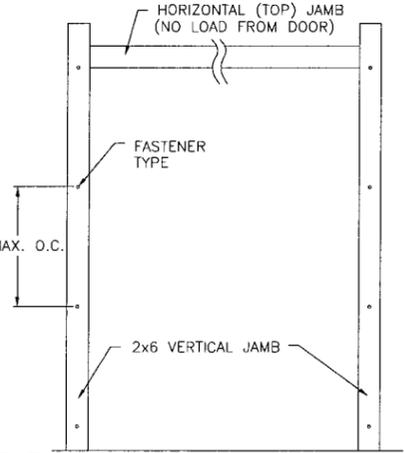
- NOTES:
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
  2. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
  3. 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<sub>b</sub>). STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS.

BLOCK WALL OR CONCRETE

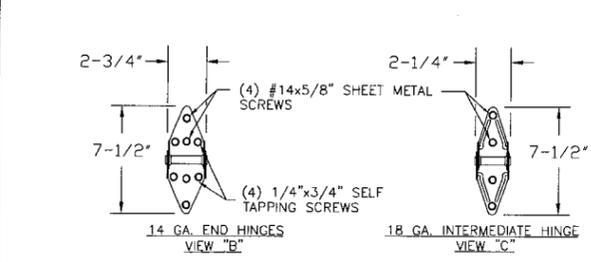
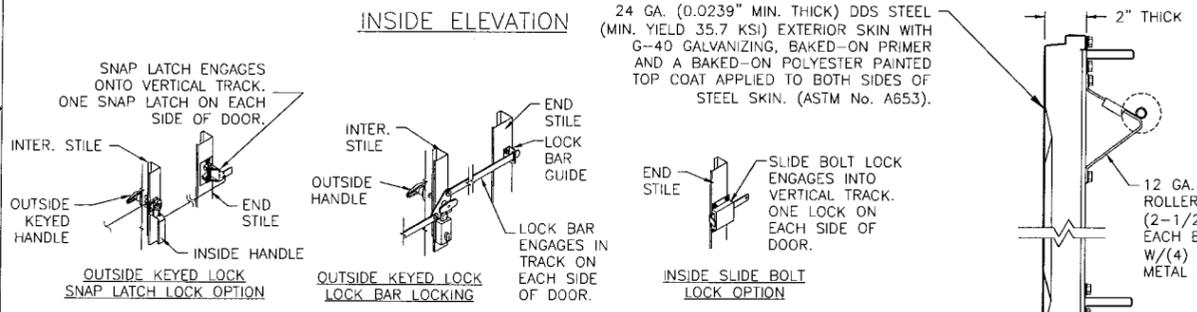
2x6 SYP (GRADE #2 OR BETTER) WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER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



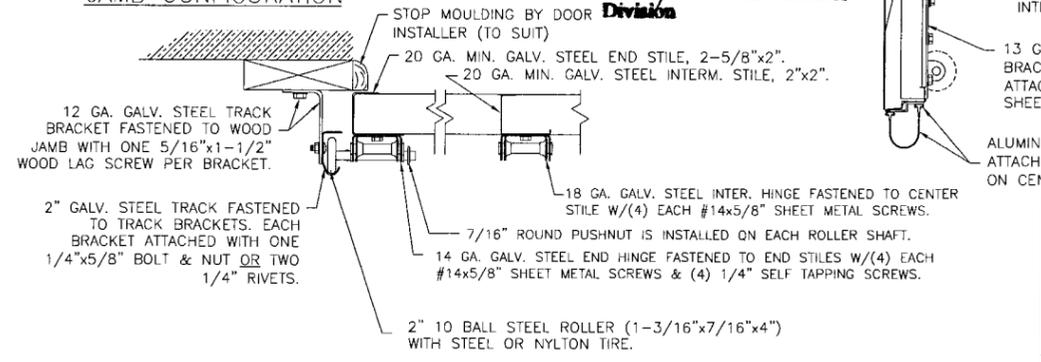
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT (NOT TO BE USED FOR ATTACHMENT OF TRACK BRACKETS)

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)	10-1/2"	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)	24"	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)	21-1/2"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	24"	1" O.D.
2,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/2" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	24"	INCLUDED

\* -- 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.



JAMB CONFIGURATION



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-0618.03 Expiration Date 08/21/2013 By Miami Dade Product Control Division

**Clopay**  
 Building Products  
 Company

TOLERANCES  
 Unless Stated Otherwise  
 .00 = ±.03  
 .000 = ±.015  
 .0000 = ±.007  
 Degrees = ±1/2"

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

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

DESIGN LOADS: +42.0 PSF & -48.0 PSF.

SCALE: NOTED

DATE: 06/13/08

DRAWN BY: SH

CHECKED BY: SH

PAGE: 1 OF 1

MAX. SIZE: 9'0"W x 12'0"H

DESCRIPTION: SINGLE CAR W7 PAN DOOR WITH IMPACT RESISTANT LITES

DRAWING NUMBER: B 101702

VER: MD