



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

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 Pan Sectional Garage Door up to 18'-2" Wide

APPROVAL DOCUMENT: Drawing No. **102621**, titled "Clopay M/N 84A, 94 & H94, Ideal M/N 4RST & H4ST, Holmes M/N 48", sheets 1 of 1, dated 06/17/2002, prepared by Clopay Building Products Company, signed and sealed by Mark W. 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 revises NOA # 07-1113.03 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



[Handwritten Signature]
03/26/2012

NOA No. 12-0125.05
Expiration Date: February 13, 2013
Approval Date: April 5, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **102621**, titled "Clopay M/N 84A, 94 & H94, Ideal M/N 4RST & H4ST, Holmes M/N 48", sheets 1 of 1, dated 06/17/2002, prepared by Clopay Building Products Company, signed and sealed by Mark W. Westerfield, P.E.

B. TESTS "Submitted under NOA # 02-1115.05"

1. Test report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 on a 18'-2' x 8' door, model 94, prepared by American Test Lab of South Florida, Report No. **ATL 0924.02-02**, dated 10/29/2002, signed and sealed by W. Mehner, PE.
2. Addendum No. **ATL 02055** to Test Report No. **0924.02-02**, prepared by American Test Lab of South Florida dated 12/30/2002, signed and sealed by W. R. Mehner P.E.

C. CALCULATIONS "Submitted under NOA # 02-1115.05"

1. Fastener attachment calculations prepared by M. W. Westerfield, sheets 1 & 2 signed and sealed by Mark W. Westerfield, P.E., on 11/12/2002.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS "Submitted under NOA # 02-1115.05"

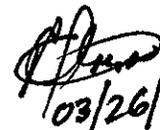
1. Tensile test report No. 2JM-1181 per ASTM E8, prepared by Q. C. Metallurgical, Inc, dated 10/23/2002, signed and sealed by F. Grate, P.E.
2. Salt Spray Exposure test report No. 9EM-1144, per ASTM D1654 & ASTM B117, prepared by Q. C. Metallurgical Inc, dated 08/03/1999, signed and sealed by F. Grate, P.E.

F. STATEMENTS

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

"Submitted under NOA # 02-1115.05"

2. No financial interest letter prepared & signed by Mark W. Westerfield and notarized by L. C. Schaffner on 11/19/2002.
3. Test compliance letter issued by American Test Lab of South Florida on 10/29/2002 signed and sealed by W. R Mehner, P.E.


03/26/2012

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 12-0125.05

Expiration Date: February 13, 2013

Approval Date: April 5, 2012

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

REV	DATE	DESCRIPTION
2	1/06/2003	AFFIRMED COMPLIANCE WITH 2010 FBC

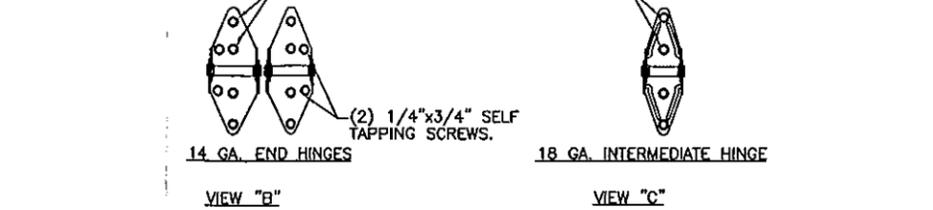
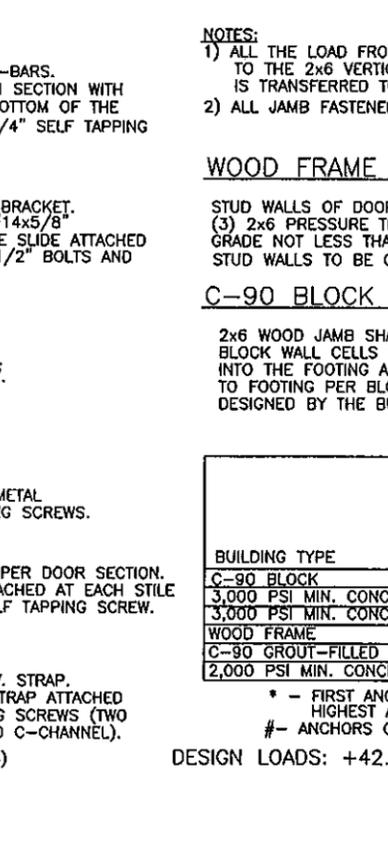
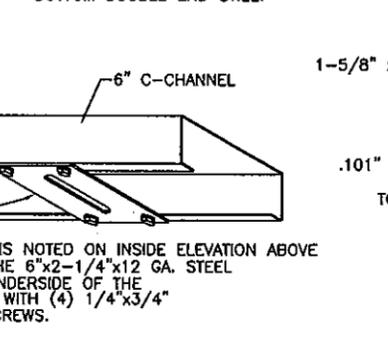
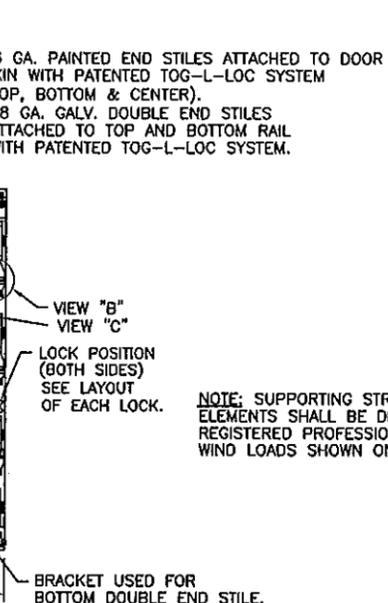
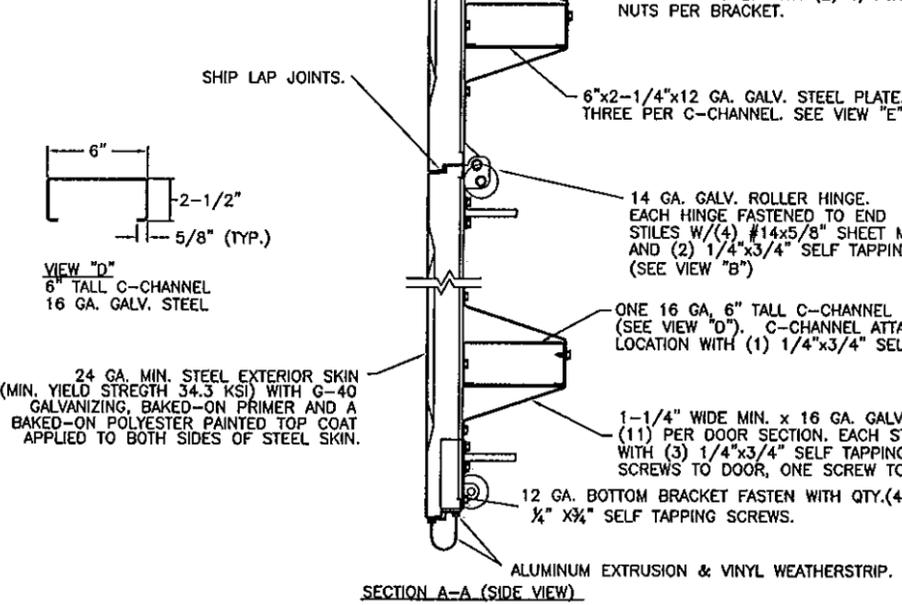
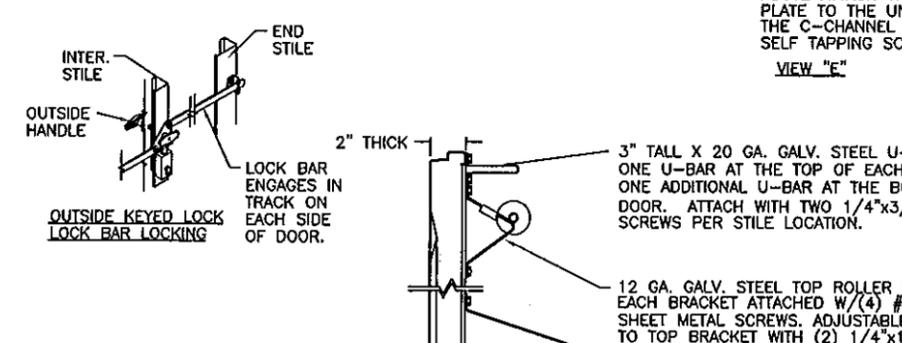
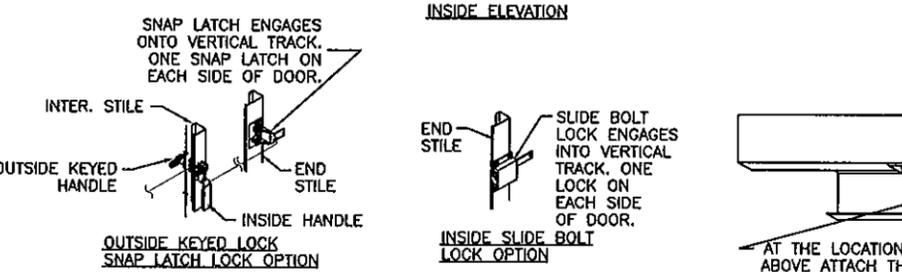
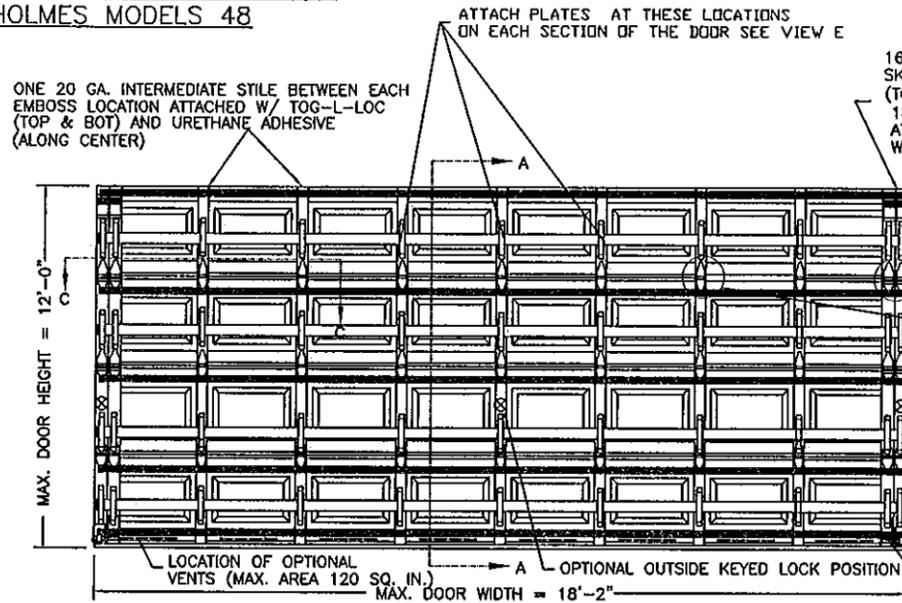
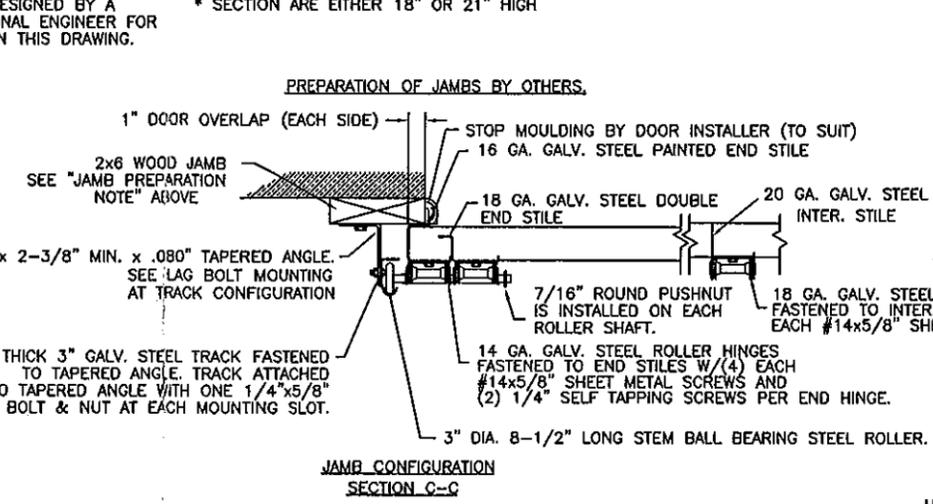


TABLE 1

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



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 YELLOW PINE (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 2) ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP OR BETTER 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 TIE BEAMS.

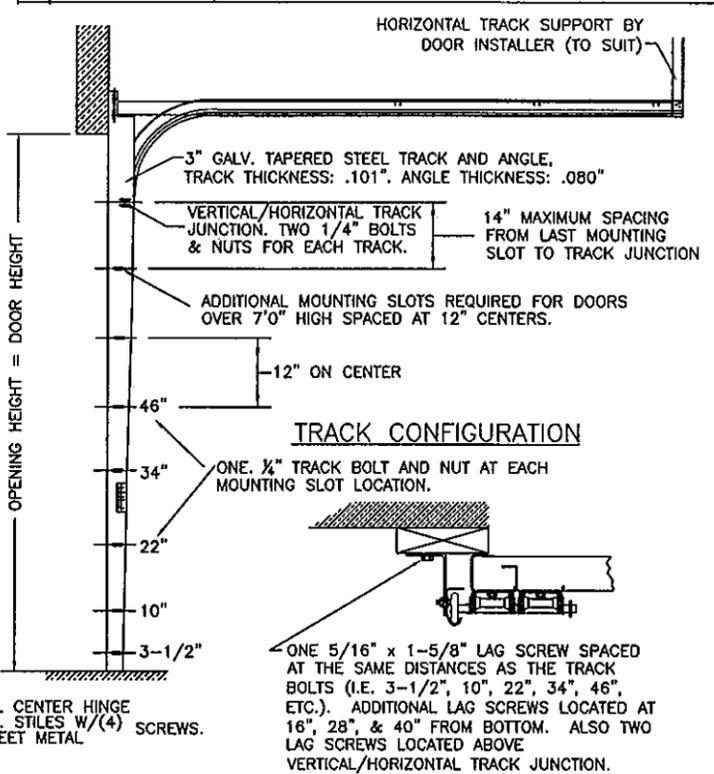
C-90 BLOCK WALL, 2,000 OR 3,000 PSI MIN. CONCRETE

2x6 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.

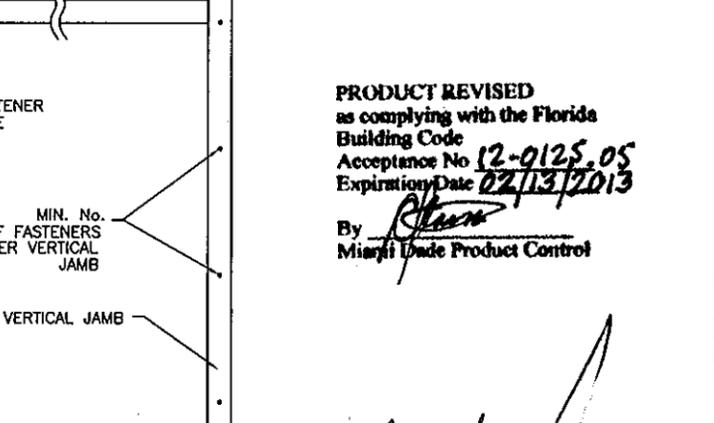
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

BUILDING TYPE	FASTENER TYPE	MAXIMUM * ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
C-90 BLOCK	1/4" x 3" (1-1/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	6"	1" O.D.
3,000 PSI MIN. CONCRETE	1/4" x 4" (1-3/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	18"	1" O.D.
3,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/4" EMBED) ITW RED HEAD WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	24"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	14"	1" O.D.
C-90 GROUT-FILLED BLOCK	3/8" x 4" (2-1/2" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	7-3/4"	INCLUDED
2,000 PSI MIN. CONCRETE	3/8" x 4" (2-1/2" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/4" MIN. EDGE DISTANCE)	20"	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
 #- ANCHORS CAN BE INSTALLED DIRECTLY THROUGH TAPERED TRACK ANGLE IN LIEU OF 5/6 X 1-5/8 LAG SCREWS



DOOR HEIGHT	VERTICAL TRACK LENGTH
6'-6"	66"
7'-0"	72"
7'-6"	78"
8'-0"	84"
9'-0"	90"
10'-0"	96"
12'-0"	132"



PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 12-0125.05
 Expiration Date 02/13/2013

By *[Signature]*
 Miami Lode Product Control

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2007 AND 2010 FBC.

DESIGN ENGINEER:
 (MARK) W. WESTERFIELD, P.E.
 FLORIDA REGISTRATION No. 48495

DESIGN LOADS: +42.0 P.S.F. & -46.0 P.S.F.

Clopay Building Products Company
 8585 DUKE BLVD.
 MASON, OH 45040
 (513) 770-4800

SCALE: NONE
 DATE: 6/17/02
 DRAWN BY: RJK
 CHECKED BY: MWW

MAX DOOR SIZE: 18'2"W x 12'0"H
 DESCRIPTION: CLOPAY M/N 84A, 94 & H94 IDEAL M/N 4RST & H4ST; HOLMES M/N 48
 DRAWING NUMBER: 102621
 VER: MD

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