



**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) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**Clopay Building Products Co.**  
**8585 Duke Blvd.**  
**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Sectional Garage Door 9'- 0" Wide.**

**APPROVAL DOCUMENT:** Drawing No. 102156, titled "Ideal Model 4RST/H4ST W7: +42 /-48 PSF Design Loads", dated 05/17/00 and 06/02/00 with last revision on August 2003, sheets 1 of 1, prepared by Clopay Building Products, signed and sealed by M.W. Westerfield, 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 Division.

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

**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.

**LIMITATION:** This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimen were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 28000 psi or more shall be used to make door panels for 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 and renews NOA # 01-0329.01 and consists of this page 1 as well as the approval document mentioned above.

The submitted documentation was reviewed by **Candida F. Font PE.**

  
 9/4/03



**NOA No 03-0507.08**  
**Expiration Date: September 14, 2008**  
**Approval Date: September 04, 2003**  
**Page 1**

**Clopay Building Products Co.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
**(For File ONLY. Not part of NOA)**

**A. DRAWINGS**

1. *Drawing prepared by Clopay Building Products Co., titled "IDEAL MODEL 4RST/H4ST W7: +42/-48 PSF DESIGN LOADS", Drawing No.102156, drawn on 05/17/00 checked on 06/02/00, with last revision on August 2003 and sheets 1 of 1, signed and sealed by M. Westerfield, PE.*

**B. TESTS**

1. *Test report of large missile impact test per PA 201, cyclic wind pressure test per PA 203 and uniform static air pressure test per PA 202 on "9' x 8' door model 73", prepared by American Test Lab of South Florida, Report No. ATL 1112.01-96, dated 11/13/96, signed and sealed by W. Mehner, PE.*

**C. CALCULATIONS**

1. *Calculations dated 01/10/97; pages 1 through 2, prepared by M. Westerfield signed by M. Westerfield, PE.*

**D. MATERIAL CERTIFICATIONS**

1. *Tensile Test Report No. CTL986B, prepared Certified Testing Laboratories, dated 12/16/96 signed and sealed by R. Patel, PE.*
2. *Salt Spray Exposure test report No. MTS 258592, prepared by Celotex Corporation Testing Services, dated 08/17/98, signed and sealed by R. G. Miller, PE.*

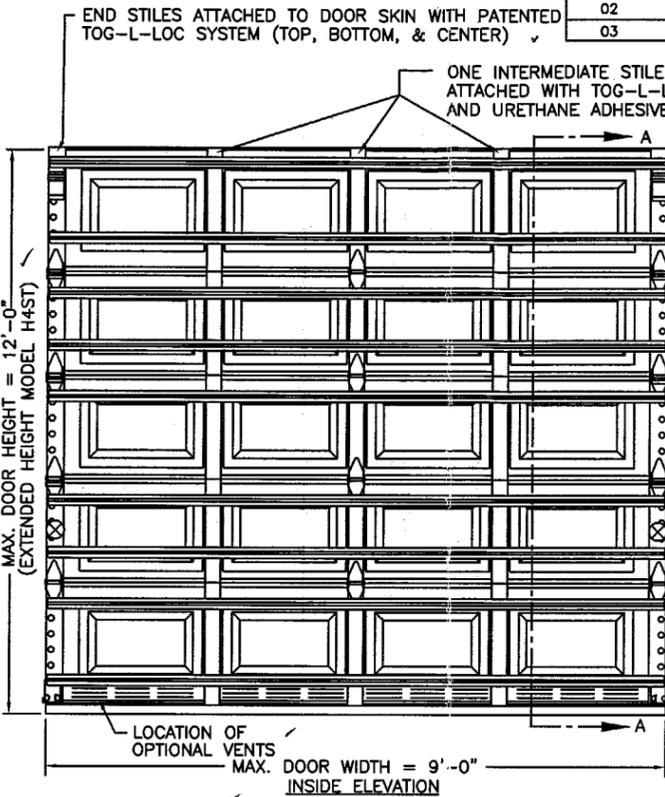
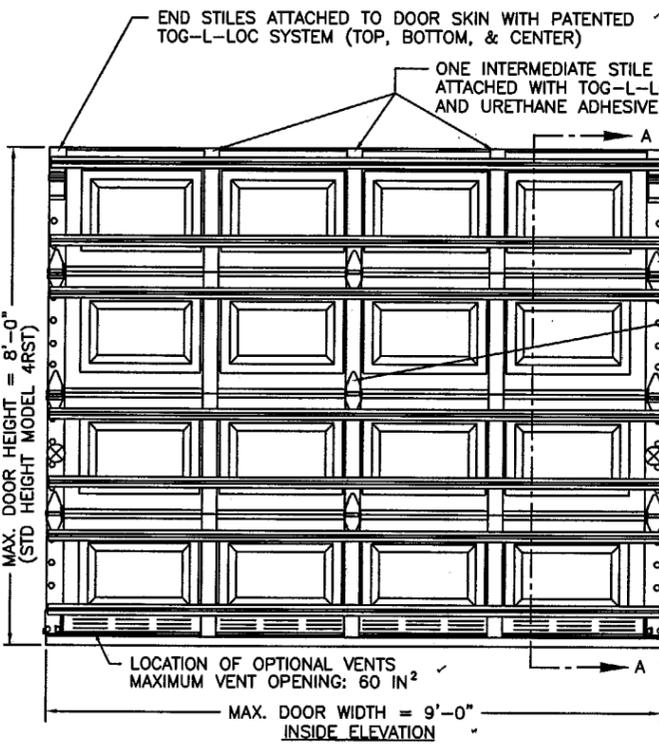
**E. STATEMENTS.**

1. *Letter of Code Compliance issued by Clopay Building Products Co. on 01/10/97, signed by M. Westerfield, PE.*
2. *Letter of Code Compliance issued by Clopay Building Products Co. on 06/05/00, signed by M. Westerfield, PE.*
3. *Letter of No Financial Interest issued by M. W. Westerfield, PE. on 01/10/97, signed by M. W. Westerfield, PE and notarized by M. E. Knisley.*
4. *Letter confirming that Ideal Door & Clopay Door are manufactured by Clopay Building Products, dated 06/05/00 and signed by M. Westerfield, PE.*
5. *Affidavit of minimum yield strength compliance prepared by T. Arnold employed by Clopay Building Products Company, signed by R. D. Shifflett and notarized by S. E. Odenhauser on 03/29/2001*
6. *No change letter issued by Clopay Building Products on 05/05/03 signed and sealed by M. W. Westerfield PE.*



Candido F. Font, PE.  
Senior Product Control Division  
NOA No 03-0507.08  
Expiration Date: September 14, 2008  
Approval Date: September 04, 2003

IDEAL MODELS 4RSTW7 (UP TO 8'0" HIGH), H4STW7 (UP TO 12'0" HIGH)



REVISIONS					DESCRIPTION
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	
01	C1	3/2001		MWW	G-40 MIN. GALV. WAS G-60
02	-	3/2001		MWW	ADDED EXTENDED HEIGHT MODELS
03	-	8/2003		MWW	REVISED LOCK NOTE; ADDED CENTER HANG NOTE FOR DOORS OVER 8'H

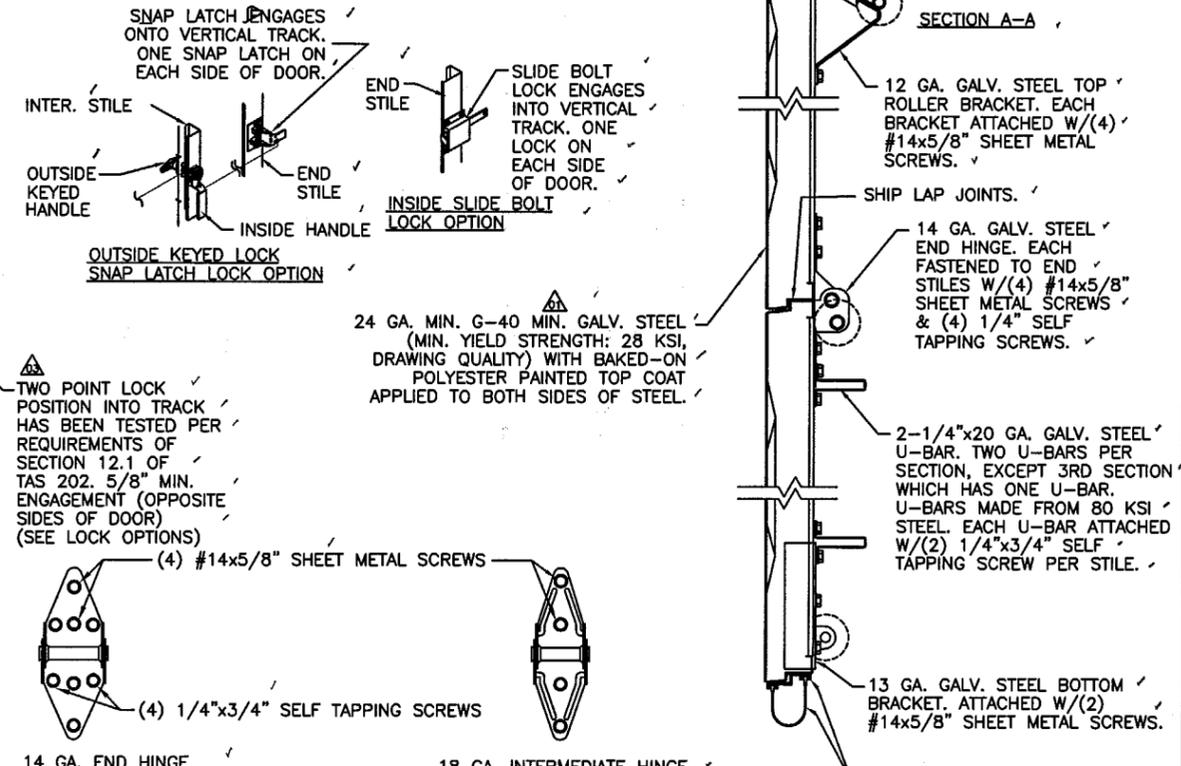


TABLE 1

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

DOOR MODEL	DESCRIPTION
4RST, H4ST	24 GA. STEEL SKIN; 18 GA. PAINTED STEEL END STILES

\* ALL DOOR MODELS ARE RAISED PANEL EMBOSS

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

CENTER HANG REQUIRED ON DOORS OVER 8' HIGH

PRODUCT RENEWED

on compliance with the Florida Building Code

Approved by: 03-050708

Expire Date: 9/12/08

By: Miami Dade Product Control Division

THE 2x6 VERTICAL WOOD JAMBS ARE TO BE GRADE 2 OR BETTER YELLOW PINE. NO LOAD IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB. ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

2x6 WOOD JAMB CAN BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH CONTINUOUS #5 BAR EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ANCHORS CAN BE 1/4"x1-3/4" EMBED TAPCON CONCRETE ANCHORS STARTING AT NO MORE THAN 8" FROM BOTTOM AND 16" O.C., OR WITH 3/8"x4" (1-3/4" EMBED) RAWL LOK/BOLT ANCHOR STARTING AT NO MORE THAN 8" FROM BOTTOM AND 24" O.C.

NOTE 2: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS SHOWN ON THIS DRAWING.

DESIGN LOADS: +42.0 PSF & -48.0 PSF.

DESIGN ENGINEER: MARK W. WESTERFIELD  
FLORIDA REGISTRATION No. 48495  
MECHANICAL ENGINEERING

Unless Stated Otherwise TOLERANCES are

- .0 = ±.03
- .00 = ±.015
- .000 = ±.005
- .0000 = ±.001
- Degrees = ±1/2°

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

8585 DUKE BLVD.  
MASON, OH 45040  
(513) 770-4800 IDEAL DOOR BRAND

DESCRIPTION: IDEAL MODEL 4RST/H4ST W7: +42/-48 PSF DESIGN LOADS

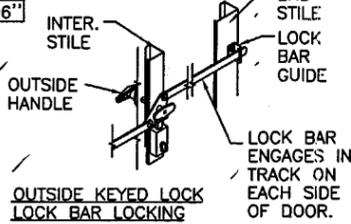
DRAWN BY: BMM	DATE: 5/17/00	SCALE:	DWG. SIZE B
CHECKED BY: MWW	DATE: 6/2/00	SHEET 1 OF 1	
DWG. NO.: 102156	REV. NO. 03		

DOOR HEIGHT	"L"	BRACKET PLACEMENTS					
		"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"

TRACK CONFIGURATION

2" GALV. STEEL TRACK, TRACK THICKNESS: .060"

TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. (4) TRACK BRACKETS PER SIDE (UP TO 8' HIGH); (5) TRACK BRACKETS PER SIDE (UP TO 10' HIGH); (6) TRACK BRACKETS PER SIDE (UP TO 12' HIGH).



Third Angle Projection

*Mark W. Westerfield* 8/1/03