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
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Clopay Building Products Co.
101 Miller Road
Russia, OH 45363

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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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: 18' 2" Wide EPS Garage Door.
APPROVAL DOCUMENT: Drawing No. 103028, Sheets 1 through 1 of 1, titled "M/N 4300/01/10; 4400/01; HDG/L; 66/7/8; EXT HGT" dated 01/13/03 & 04/02/04, with last revision on 07/18/05, prepared by Clopay Building Products Co, signed and sealed by M. W. Westerfield, PE. bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.
MISSILE IMPACT RATING: Large & Small Missile.
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 or MDPCA", 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 panel 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 Miami-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 specimens were selected from coils at the manufacturer production facilities, and a notarized statement from the manufacturer that only coils with yield strength of 30,900 psi or more shall be used to make 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 consists of this page, evidence page as well as approval document mentioned above.
The submitted documentation was reviewed by **Candido E. Font PE.**

05/02/06

PRODUCT CONTROL ACCEPTED

Clopay Building Products Co.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing prepared by Clopay Building Products Company, titled "M/N4300/01/10; 4400/01; HDG/L; 66/7/8; EXT HGT," Drawing No. 103028, dated 01/13/03 & 04/02/04, with latest revision on 07/18/05, sheets 1 through 1 of 1, signed and sealed by M. W. Westerfield, PE.

B. TESTS

1. Test report of uniform static air pressure test per TAS 202 & forced entry resistance test per AAMA 101,on Sectional Garage Door (Insulated) prepared by Hurricane Engineering & Testing Inc., Report No. HETI-03-1358, dated 11/19/03, signed and sealed by R. E. Droz-Seda, PE.

2. Test report of large missile impact test per TAS 201 and cyclic wind pressure test per TAS 203, on Sectional Garage Door (Insulated) prepared by Hurricane Engineering & Testing Inc, Report No. HETI-03-1359, dated 11/19/03, signed and sealed by R. E. Droz-Seda, PE.

3. Test report of tensile test per ASTM E-8 on Galvanized Steel Door Skin (Front-Edge) prepared by Hurricane Engineering & Testing Inc, Report No. HETI-03-T084, dated 12/03/03, signed and sealed by R. E. Droz-Seda PE.

4. Test report of salt spray test per ASTM B117 on galvanized and painted steel panels, prepared by Twin City Testing Corporation, Report # 30160-04-63365, dated 01/26/05, signed and sealed by J. D. Lee PE.

5. Test report of ignition properties test per ASTM D-1929 on type I EPS, prepared by Intertek Testing Service NA Inc, Report No. 3082959-500, dated 09/16/05, and signed by C. A. Penaloza.

6. Test report of surface burning characteristics per ASTM E-84 on Type I EPS prepared by Intertek Testing Service NA Inc, Report No. 3082960-500, dated 10/04/05, and signed by J. Trevino.

C. CALCULATIONS

1 Fastener Attachment Calculations prepared by Mark Westerfield pages 1 and 2, signed and sealed by M. W. Westerfield, PE. on 01/26/05.

D. QUALITY ASSURANCE

1. Building Code Compliance Office.

E. STATEMENTS

1. *Code compliance letter issued by Mark Westerfield on 04/02/04 signed and sealed by M. W. Westerfiedl PE.*
2. *No financial interest letter issued by Mark Wethersfield and notarized by S. E. Rodenhauser on 04/02/04.*

03/02/06

Candido F. Font PE.
Sr. Product Control Examiner
NOA No 04-0407.01
Expiration Date: March 2, 2011
Approval Date: March 2, 2006

CLOPAY MODELS 4300, 4301, 4310, 4400, 4401, HDG, HDGL (UP TO 8'0" HIGH)
HOLMES MODELS 66, 67, 68 (UP TO 8'0" HIGH)
EXTENDED HEIGHT MODELS H300, H301, H310, H400, H401 (UP TO 12'0" HIGH)

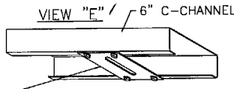
INSTALLER MODEL	RETAIL MODEL	DESCRIPTION
4300/H300	HDG, 66	27 GA. EXT. SKIN; SHORT RAISED PANEL
4400/H400	N/A	24 GA. EXT. SKIN; SHORT RAISED PANEL
4401/H401	N/A	24 GA. EXT. SKIN; FLUSH PANEL
4301/H301	68	27 GA. EXT. SKIN; FLUSH PANEL
4310/H310	HDGL, 67	27 GA. EXT. SKIN; WIDE RAISED PANEL

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
04	–	07/18/05	–	MW	PER M–D FEEDBACK

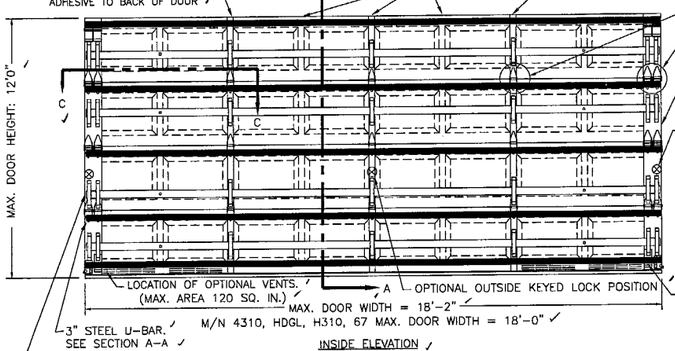
DOOR HEIGHT	NUMBER OF SECTIONS *
6'0" TO 7'0"	4
7'6" TO 8'6"	5
9'0" TO 10'6"	6
10'9" TO 12'0"	7

* SECTION ARE EITHER 18" OR 21" HIGH

VIEW "E"

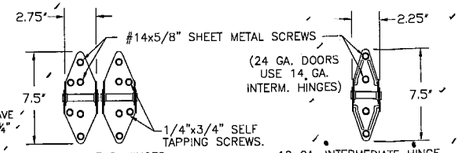


AT THE (3) LOCATIONS PER CHANNEL NOTED ON INSIDE ELEVATION BELOW ATTACH THE 6" x 2–1/4"x 12 GA. STEEL REINFORCING PLATE TO THE UNDERSIDE OF THE C–CHANNEL WITH (4) 1/4"x3/4" SELF TAPPING SCREWS.



INSIDE ELEVATION

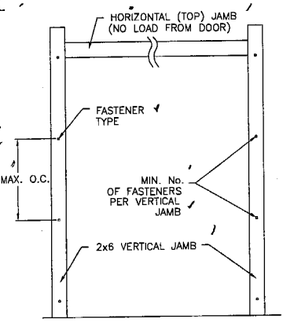
BACKER SHEET ADDITIONAL FASTENERS: SHEETS ON TOP AND BOTTOM SECTIONS HAVE (2) ¼" X ¾" TEK SCREWS LOCATED AT 1–¾" & 3–½" FROM THE TOP EDGE OF TOP SECTION AND FROM THE BOTTOM EDGE OF BOTTOM SECTION



NOTES:

1) ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.

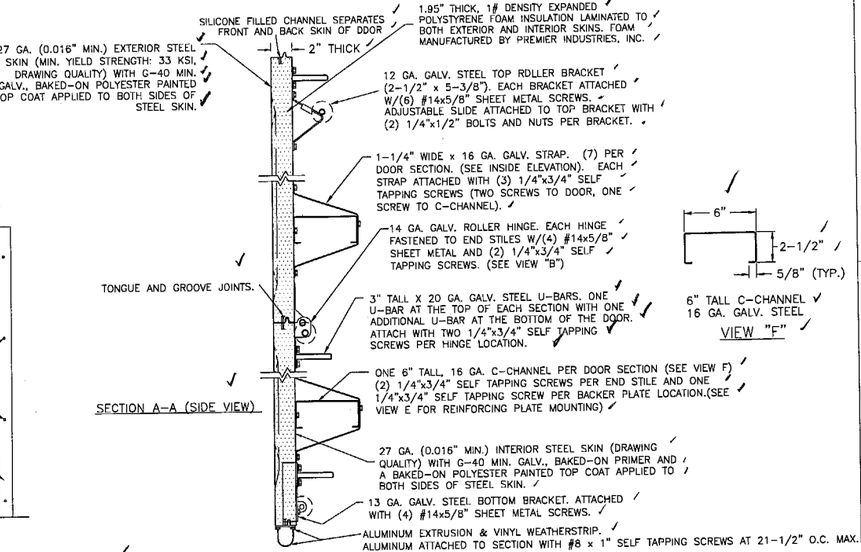
2) ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

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.



SECTION A–A (SIDE VIEW)

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

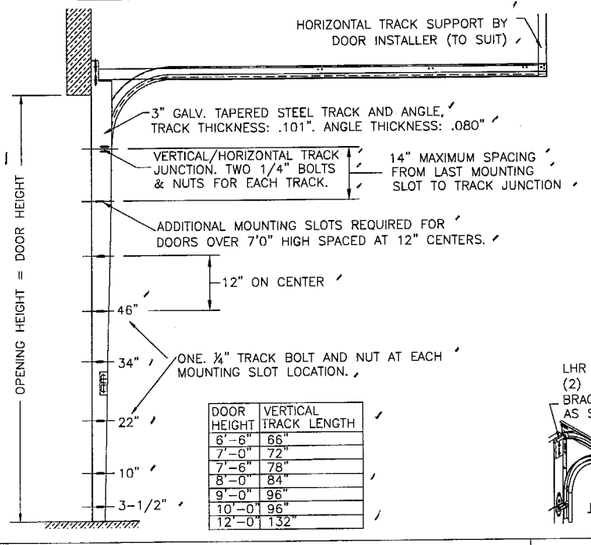
BUILDING TYPE	FASTENER TYPE **	MAXIMUM * ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
C–90 BLOCK	1/4" x 3" (1–1/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2–1/2" MIN. EDGE DISTANCE)	5–1/2"	1" O.D.
3,000 PSI MIN. CONCRETE	1/4" x 4" (1–3/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2–1/2" MIN. EDGE DISTANCE)	16–1/2"	1" O.D.
3,000 PSI MIN. CONCRETE	1/2" x 4" (2–1/4" EMBED) ITW RED HEAD TRUBOLT WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	22–3/4"	INCLUDED
WOOD FRAME	1/2" x 4" (1–5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2–1/2" MIN. EDGE DISTANCE)	13"	1" O.D.
C–90 GROUT–FILLED BLOCK	3/8" x 4" (2–1/2" EMBED) ITW RED HEAD DYNABOLT SLEEVE ANCHOR (2–1/2" MIN. EDGE DISTANCE)	6–1/4"	INCLUDED
2,000 PSI MIN. CONCRETE	1/2" x 4" (2–1/2" EMBED) WEJ–IT SLEEVE ANCHOR (2–1/2" MIN. EDGE DISTANCE)	22–3/4"	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

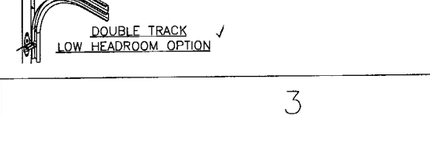
C–90 BLOCK WALL, 2,000 OR 3,000 PSI MIN. CONCRETE

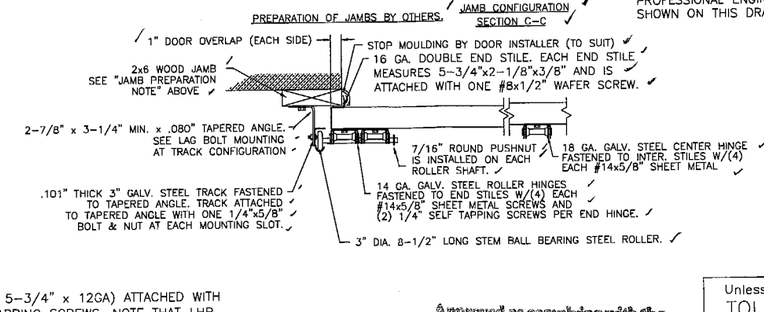
2x6 YELLOW PINE (GRADE #2 OR BETTER) JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING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

TRACK CONFIGURATION

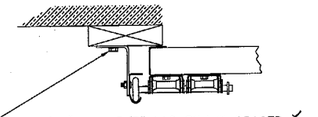


DOOR HEIGHT	VERTICAL TRACK LENGTH
6'–6"	66"
7'–0"	72"
7'–6"	78"
8'–0"	84"
9'–0"	96"
10'–0"	96"
12'–0"	132"





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



Approved as complying with the Florida Building Code
Date 05/02/06
NOA# 04-0401.01
Miami Dade Product Control
Division
By

7/18/05

DESIGN ENGINEER
MARK W. WESTERFIELD, P.E.
FLORIDA P.E. #48495,
NC P.E. #23832, TEXAS P.E. #91513

DESIGN LOADS: +46 PSF & –50.0 PSF

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

PART NO.: N/A		CLOPAY WINDLOAD RATING	W8
DESCRIPTION: M/N 4300/01/10; 4400/01; HDG/L; 66/7/8; EXT HGT			
DRAWN BY: RJK	DATE: 01/13/03	SCALE: N/A	DWG. SIZE B
CHECKED BY: MWW	DATE: 04/02/04	SHEET 1 OF 1	
DWG. NO.: 103028		REV. NO. 04	