



**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 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: 9'- 0" Wide Coachman Garage Door.

APPROVAL DOCUMENT: Drawing No. 103436, titled "2 inches Single Car DSI with Overlay W8 (Coachman), sheets 1 of 1, prepared by Clopay Building Products Company signed and sealed by S. Hamilton, P.E., dated 05/10/05 & 11/21/05, with last revision on 06/06/06 bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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 or MDCPCA", 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.

LIMITATIONS: This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of two 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 32ksi 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 F. Font PE.**

[Handwritten Signature]
09/07/06



**NOA No 05-1212.01
Expiration Date: September 7, 2011
Approval Date: September 7, 2006
Page 1**

Clopay Building Products Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing prepared by Clopay Building Products Company, titled "2 inches Single Car DSI with Overlay W8 (Coachman)," Drawing No. 103436, dated 05/10/05 & 11/21/05 , with latest revision on 06/06/06, sheets 1 of 1, signed and sealed by S. Hamilton, PE.

B. TESTS

1. Test report of uniform static air pressure per TAS 202, large missile impact test per TAS 201 and cyclic wind pressure test per TAS 203 on 9' x 8" 27 gauge painted galvanized steel garage door, prepared by American Test Lab Inc, Report No .ATLNC 0606.01-05, dated 07/29/05, signed and sealed by D. W. Johnson, PE.
2. Addendum to American Test Lab Inc Test report No. 0606.01-05 dated 06/07/06, signed and sealed by D. W. Johnson, PE.
3. Test report of salt spray test per ASTM B117 on G90 and G40 painted samples, prepared by Twin City Testing Corporation, report No. 30160-04-63365, dated 01/26/05, signed and sealed by J. D. Lee PE.
4. Test report of Ignition Properties per ASTM D1929 on Type I EPS prepared by Intertek Testing Services NA Inc, report No 3082959-500 on 09/16/05 and signed by C. A. Penalzoa.
5. Test report on Surface Burning per ASTM E84 on Type I EPS prepared by Intertek Testing Services NA Inc, report No. 3082960-500 on 10/04/05 and signed by J. Trevino.
6. Test report of Tensile Test per ASTM E8 on ATLNC 0606.01-05 samples prepared by Q. Metallurgical Inc on 07/28/05, signed and sealed by F. Gate.

C. CALCULATIONS

1. Calculations of fasteners attachment, pages 1 & 2, signed by M. Westerfield PE on 11/14/05.

D. QUALITY ASSURANCE

1. Building Code Compliance Office.

E. STATEMENTS

1. Letter of Code Compliance issued by Mark Westerfield on 11/14/05, signed and sealed by M. W. Westerfield PE.
2. Letter of No Financial Interest issued by Mark Westerfield, signed by W. Westefield and notarized by K. R. Edman on 11/22/05.



09/07/06

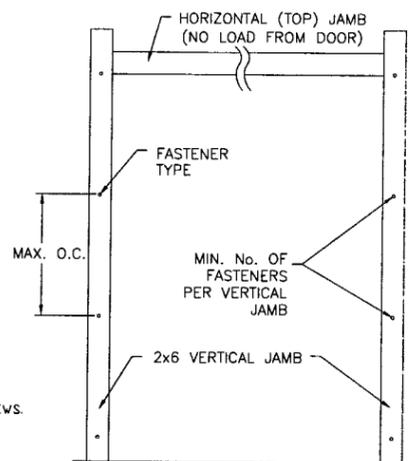
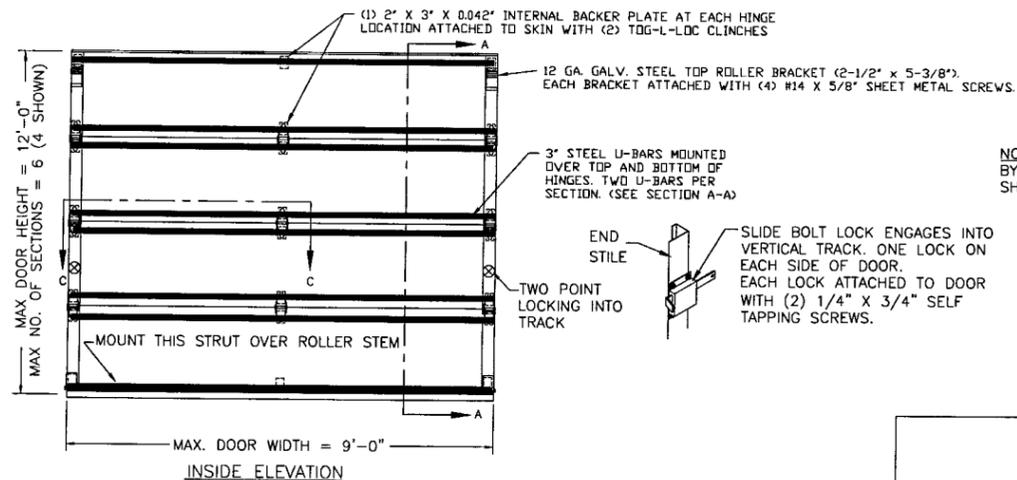
Candido F. Font PE
Senior Product Control Examiner
NOA No 05-1212.01
Expiration Date: September 7, 2011
Approval Date: September 7, 2006

CLOPAY 'COACHMAN' SERIES: CGnn, CXnn

HOLMES 'SETTLERS' SERIES: SXnn

IDEAL 'AFFINITY' SERIES: AGnn

NOTE: "nn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. THE FIRST DIGIT WILL HAVE A VALUE FROM 1 TO 3 AND THE SECOND DIGIT WILL HAVE A VALUE FROM 1 TO 5.



NOTE: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS SHOWN 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_b). 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)

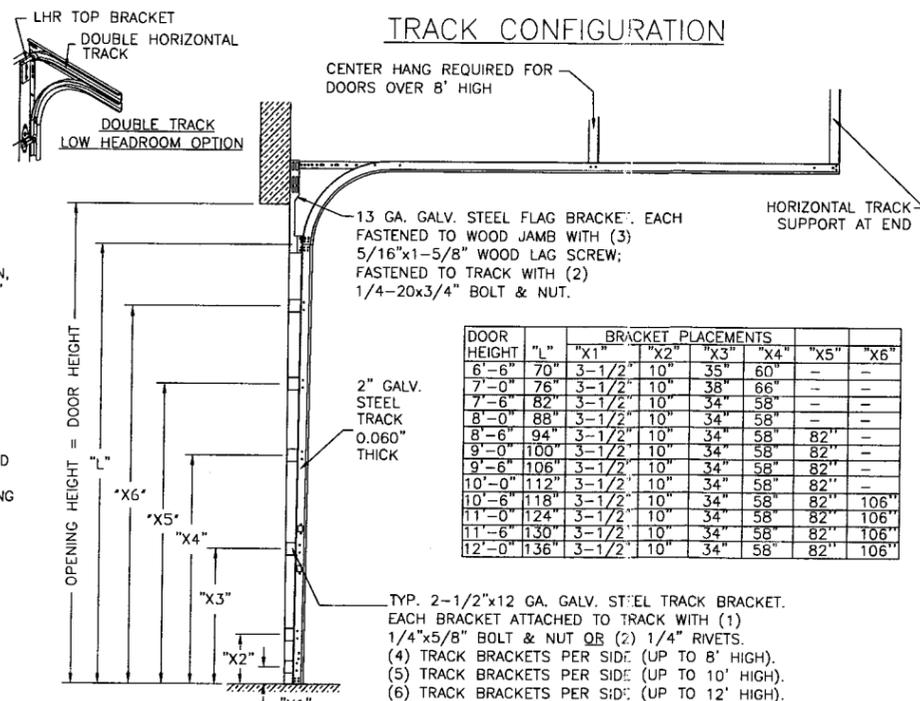
BUILDING TYPE	FASTENER TYPE	MAXIMUM * ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
C-90 BLOCK (HOLLOW OR GROUTED)	1/4" x 2-3/4" (1-1/4" EMBED) TW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	9-1/2"	1" O.D.
3,000 PSI MIN. CONCRETE	1/4" x 2-1/2" (1" EMBED) TW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	10"	1" O.D.
3,000 PSI MIN. CONCRETE	1/2" x 3-3/4" (2-1/4" EMBED) TW RED HEAD TRUBOLT WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	24"	INCLUDED
WOOD FRAME SYP (0.55 S.G.)	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	22"	1" O.D.
2,000 PSI MIN. CONCRETE	1/2" x 5" (2-1/2" EMBED) WEU SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	14"	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

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.

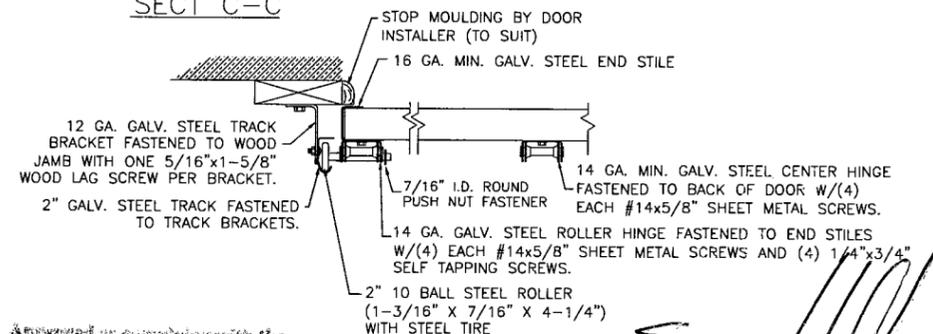
TRACK CONFIGURATION



DOOR HEIGHT	BRACKET PLACEMENTS					
	"L"	"X1"	"X2"	"X3"	"X4"	"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"
11'-0"	124"	3-1/2"	10"	34"	58"	82"
11'-6"	130"	3-1/2"	10"	34"	58"	82"
12'-0"	136"	3-1/2"	10"	34"	58"	82"

- TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. EACH BRACKET ATTACHED TO TRACK WITH (1) 1/4"x5/8" BOLT & NUT QB (2) 1/4" RIVETS. (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).

SECT C-C



Approved as complying with the Florida Building Code
Date: 09/27/06
By: [Signature]
DESIGN ENGINEER: SCOTT HAMILTON, P.E.
FLORIDA P.E. #63286

6/8/06

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.

TABLE 1

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

* SECTIONS ARE EITHER 18" OR 24" HIGH

Unless Stated Otherwise TOLERANCES are

- .0 = ±.031
- .00 = ±.015
- .000 = ±.005
- .0000 = ±.001
- Degrees = ±1/2'

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

	8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853	CLOPAY WINDLOAD RATING	
	W8		
DESCRIPTION: 2" SINGLE CAR DSI W/ OVERLAY WB (COACHMAN)			
DRAWN BY: RJK	DATE: 5/10/05	SCALE: NONE	DWG. SIZE: B
CHECKED BY: SH	DATE: 11/21/05	SHEET 1 OF 1	VER: MD
DWG. NO.: 103436			