



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) 375-4786

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

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: Coachman Garage Door up to 16'2" Wide

APPROVAL DOCUMENT: Drawing No. **103560**, titled "Coachman 2" EPS W/Overlays", sheet 1 of 1, dated 02/27/07, with last revision dated 01/08, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., 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 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.

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 27,000 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 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.**



Signature
2/11/08

NOA No 08-0107.05
Expiration Date: March 6, 2013
Approval Date: March 6, 2008
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **103560**, titled "Coachman 2" EPS W/Overlays", sheet 1 of 1, dated 02/27/07, with last revision dated 01/08, 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 16'2"x 8', 27ga steel garage door Coachman Model CG11, prepared by American Test Lab, Inc., Test Report No. **ATLNC 1106.01-07**, dated 11/29/07, signed and sealed by David W. Johnson, P.E.

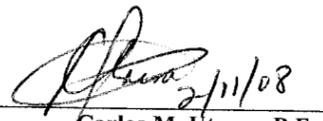
2. Test reports on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/05, signed by John D. Lee, P.E.

C. CALCULATIONS

1. Jamb anchor calculations, complying with FBC-2004, prepared by Clopay Building Products Company, dated 12/17/07, 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 08-0107.05
Expiration Date: March 6, 2013
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E. MATERIAL CERTIFICATIONS

1. Test report on Surface Burning Characteristics, per ASTM E84 of Type I EPS, Report No. 3082960-500, prepared by Intertek Testing Services, NA, Inc., dated 10/04/05, signed by Javier Trevino.
2. Test report on Ignition Properties of Plastics, per ASTM D1929 of Type I EPS, Report No. 3082959-500, prepared by Intertek Testing Services, NA, Inc., dated 09/16/05, signed by C. Anthony Peñaloza.

F. STATEMENTS

1. Statement letter of conformance issued by Clopay Building Products Company, dated 12/18/07, signed and sealed by Scott Hamilton, P.E.
2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 12/18/07, signed and sealed by Scott Hamilton, P.E.
3. Laboratory compliance statement for Test Report No. **ATLNC 1106.01-07** issued by American Test Lab, Inc., dated 11/29/07, signed and sealed by David W. Johnson, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 08-0107.05
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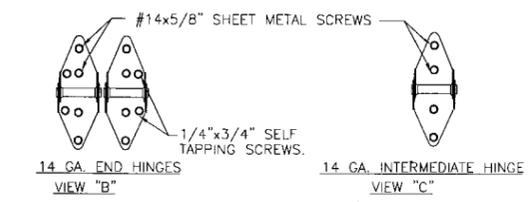
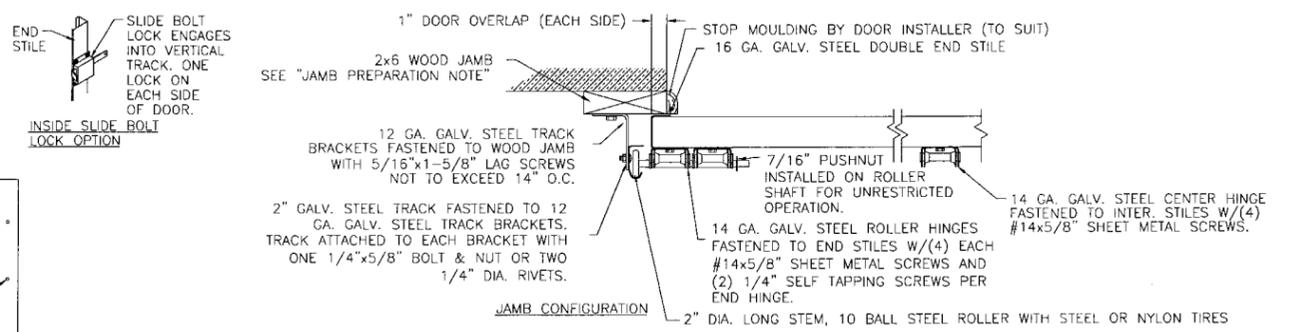
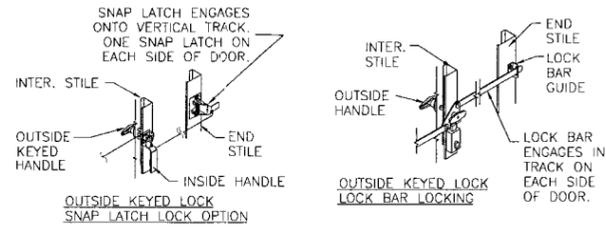
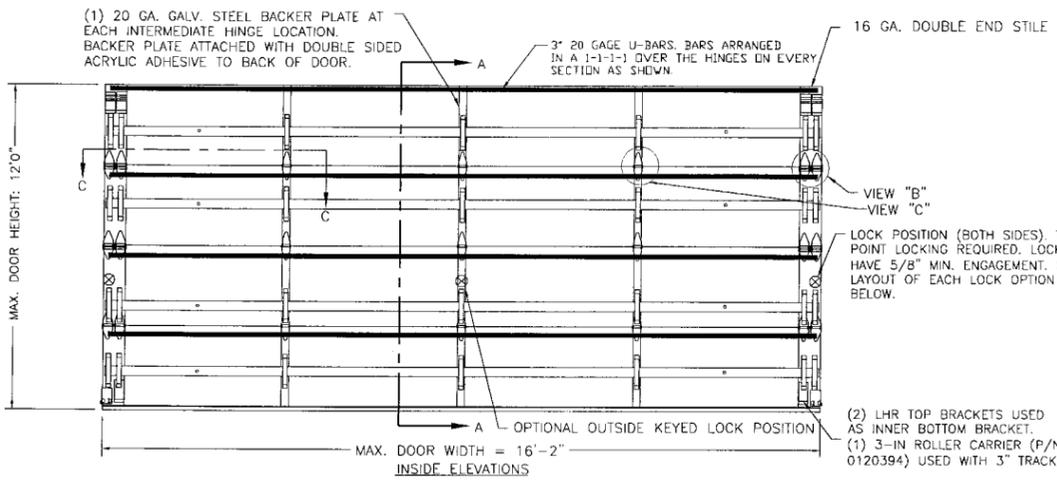
CLOPAY COACHMAN SERIES: CPnn, HPnn, CGnn, CXnn

HOLMES SETTLERS SERIES: SXnn

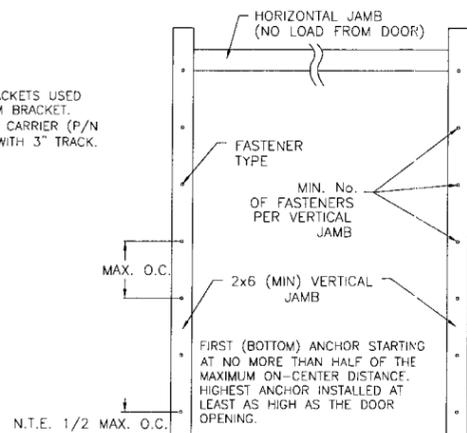
IDEAL AFFINITY SERIES: AGnn

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

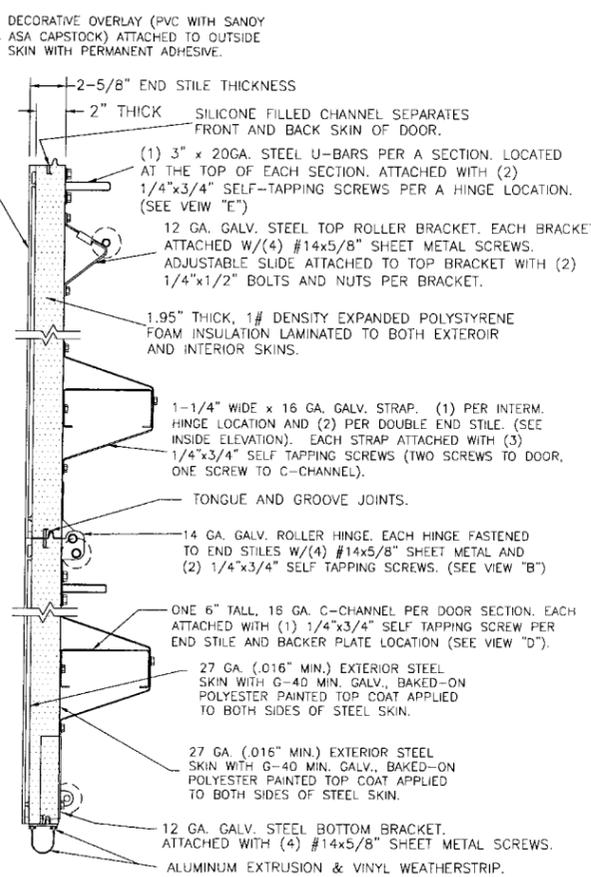
REV	DATE	DESCRIPTION
1	12/2007	INITIAL RELEASE
2	01/2008	REVISED JAMB ATTACHMENT PER M-D REVIEW.



JAMB PREPARATION NOTE
THE METHOD OF ATTACHMENT TO THE SUPPORTING STRUCTURE OF THE PRESSURE TREATED 2x6 WOOD JAMBS SHALL BE APPROVED BY THE PROFESSIONAL OF RECORD FOR THE STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING. PREPARATION OF JAMBS BY OTHERS.
ALL MOUNTING OF TRACK, ANGLES, HORIZONTAL TRACK SUPPORTS, AND ALL OTHER DOOR HARDWARE TO BE INSTALLED PER CLOPAY INSTALLATION INSTRUCTIONS SUPPLIED WITH DOOR SYSTEM UNLESS OTHERWISE NOTED.



SECTION A-A (SIDE VIEW)

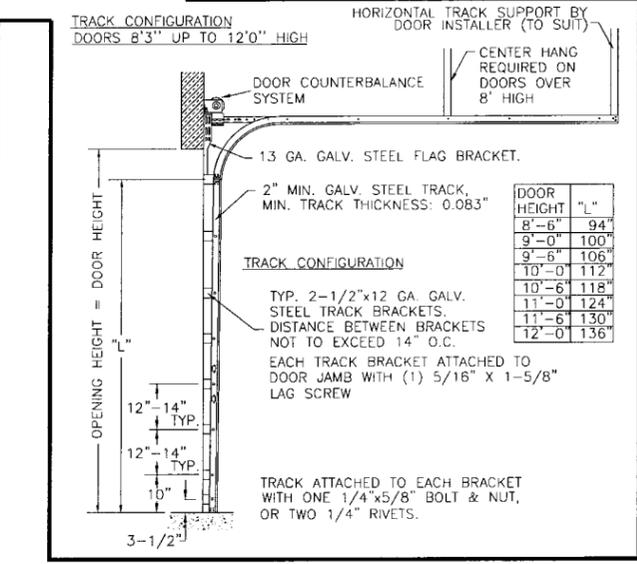
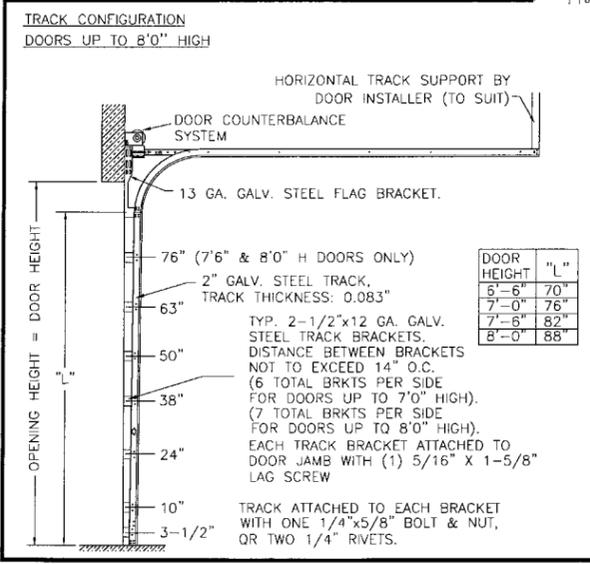


JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:**
- 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.
 - EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +372.8 LB & -416 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - 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.
 - 2x8 JAMBS MAY BE USED WITH 3\"/>

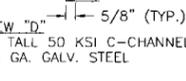
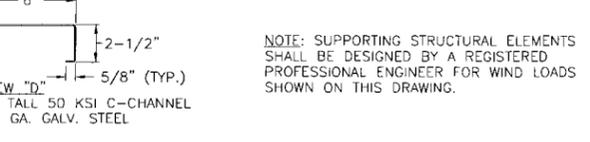
WOOD FRAME BUILDINGS
STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_e) FOR DOORS UP TO 8'0\"/>

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 THE 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 AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.



2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
BLOCK WALL	1/4\"/>		
3000 PSI MIN. CONCRETE	1/4\"/>		
3000 PSI MIN. CONCRETE	1/2\"/>		
2000 PSI MIN. CONCRETE	3/8\"/>		
WOOD FRAME (SYP 0.55 SG)	1/2\"/>		



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

03/06/2008
08-0107.05
[Signature]

THIS DOOR MEETS THE REQUIREMENTS OF THE LARGE MISSILE IMPACT AND CYCLIC TESTING.

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 140	150	150
EXPOSURE LEVEL	B or C	B	C
MEAN ROOF HEIGHT	30'	30'	25'

[Signature]
SCOTT HAMILTON, P.E. 1/31/08
FLORIDA P.E. #63286

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F.



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

SCALE: N/A	CLOPAY WINDLOAD RATING: W8	MAX DOOR SIZE: 16'2\"/>
DATE: 2/27/07	DESCRIPTION: COACHMAN	2\"/>
DRAWN BY: BFA	DRAWING NUMBER: B	103560
CHECKED BY:	VER: M-D	

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