



**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 Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Sectional Garage Door 16'- 2" Wide.

APPROVAL DOCUMENT: Drawing No. 101300, titled "Double Car W8 Hurricane Pan Door", dated 02/15/95 with last revision on 12/13/06, sheets 1, 2 & 3 of 3, prepared by Clopay Building Products Co, signed and sealed by S. Hamilton, 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 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.

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 37200 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 renews NOA # 05-1212.02 and consists of this page, evidence page as well as the approval document mentioned above.

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


01/11/07



**NOA No 06-0227.04
Expiration Date: March 26, 2011
Approval Date: January 11, 2007
Page 1**

Clopay Building Products Co.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. *Drawing prepared by Clopay Building Products Co., titled "Double Car W8 Hurricane Pan Door", Drawing No. 101300, dated 02/15/95, with last revision on 12/1306, sheets 1 through 3 of 3, signed and sealed by S. Hamilton, PE.*

B. TESTS

1. *Test report of uniform static air pressure test per PA 202 of large missile impact test per PA 201 and cyclic wind pressure test per PA 203 on "Clopay 16'-2" x 8' 24 ga. steel garage door Model 94", prepared by Hurricane Engineering & Testing Inc, report No. ATLNC 1102.01-05, dated 011/22/05, signed and sealed by D.W. Johnson, PE.*
2. *Test report of uniform static air pressure test Per PA 202of large missile impact test per PA 201 and cyclic wind pressure test per PA 203 on "Clopay 16'-2"x 8' 24 ga. steel garage door Model 94", prepared by Hurricane Engineering & Testing, Inc report No ATLNC 0118.01-06, dated 03/07/06, signed and sealed by D. W. Johnson, PE.*
3. *Test report of salt spray test per ASTM B117 on "3in by 5 in deep drawn steel panel" 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 Tensile Test per ASTM E 8, report No. 7KM-1086, prepared by Q.C. Metallurgical Inc, dated 11/22/05, signed and sealed by F. Grate, PE.*

C. CALCULATIONS

1. *Calculations prepared by S. Hamilton, PE, pages 1 & 2 signed and sealed by M. W. Westerfield, PE on 05/25/06.*

D. STATEMENTS.

1. *Code compliance letter issued by Scott Hamilton PE, dated 05/19/06, signed and sealed by S. Hamilton PE.*
2. *No financial interest letter issued by Scott Hamilton P, dated 05/19/06, signed and sealed by S. Hamilton PE.*

E. QUALITY ASSURANCE.

1. *Building Code Compliance Office.*



Candido F. Font, PE.
Senior Product Control Division
NOA No 06-0227.04
Expiration Date: March 26, 2011
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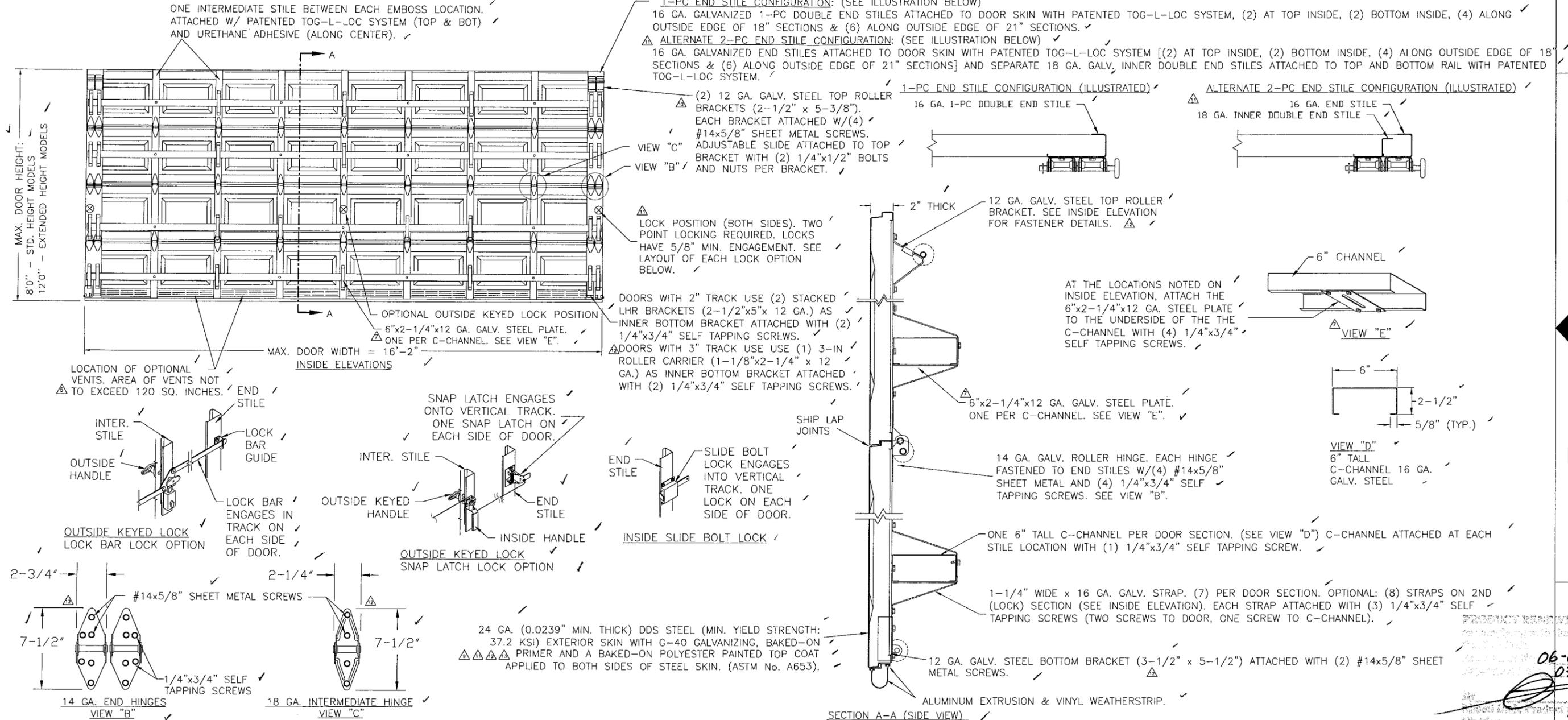
CLOPAY MODELS 84A, 94, 98, H94
 IDEAL MODELS 4F, 4RST, H4ST
 HOLMES MODEL 48

REV	DATE	DESCRIPTION
8	11/18/05	CORRECTED BRACKET MOUNT DEPICTION; PUSH-NUT FOR 2" ROLLER WAS LOCKNUT; ADDED ROLLER TIRE OPTION; REVISED JAMB ATTACHMENT TABLE; ADDED IDEAL/HOLMES BRANDS.
9	12/7/2005	MIN YIELD WAS 38KSI. ADDED BRACKET LOCATIONS.
10	12/7/2005	ADDED 1 PIECE DOUBLE END STILE
11	05/19/2006	MIN YIELD WAS 37.2KSI; REVISED LOCK NOTE; DWG WAS (2) SHEETS; DESIGN ENGINEER WAS M. WESTERFIELD.
12	09/11/2006	UPDATED PER M-D COMMENTS
13	12/13/2006	REVISED MIN YIELD PER M-D COMMENTS (WAS 34.6KSI)

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

* - SECTIONS ARE EITHER 18" OR 21" HIGH

INSTALLER MODEL	RETAIL MODEL	DESCRIPTION
94, H94, 4RST, H4ST	84A, 48	WOODGRAIN TEXTURE, RAISED PANEL, GALV. INTER. STILES
98, 4F	-	WOODGRAIN TEXTURE, FLUSH PANEL, GALV. INTER. STILES



Scott Hamilton
 DESIGN ENGINEER
 SCOTT HAMILTON, P.E.
 FLORIDA LICENSE No. 63286

Clopay
 Building Products
 Company

TOLERANCES
 Unless Stated Otherwise
 .00 = ±.03
 .000 = ±.015
 .0000 = ±.007
 Degrees = ±1/2'

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

SCALE: NOTED	PAGE: 1 OF 3	MAX. SIZE: 16'2"W x 12'0"H
DATE: 2/15/95	DESCRIPTION: DOUBLE CAR WB HURRICANE PAN DOOR	
DRAWN BY: MWW	DRAWING NUMBER: 101300	VER: MD
CHECKED BY: SH	B	

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

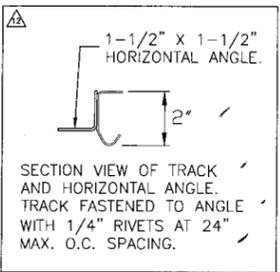
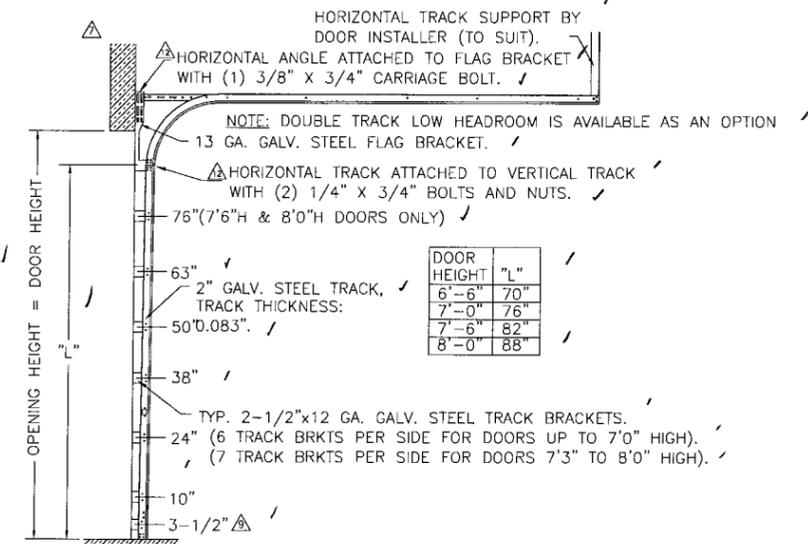
PROJECT REVIEWED
 06-02-27-04
 03/26/11

CLOPAY MODELS 84A, 94, 98, H94
 IDEAL MODELS 4F, 4RST, H4ST
 HOLMES MODEL 48

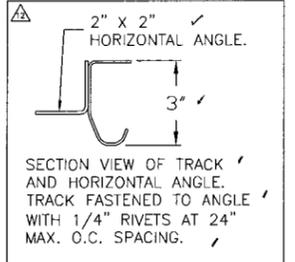
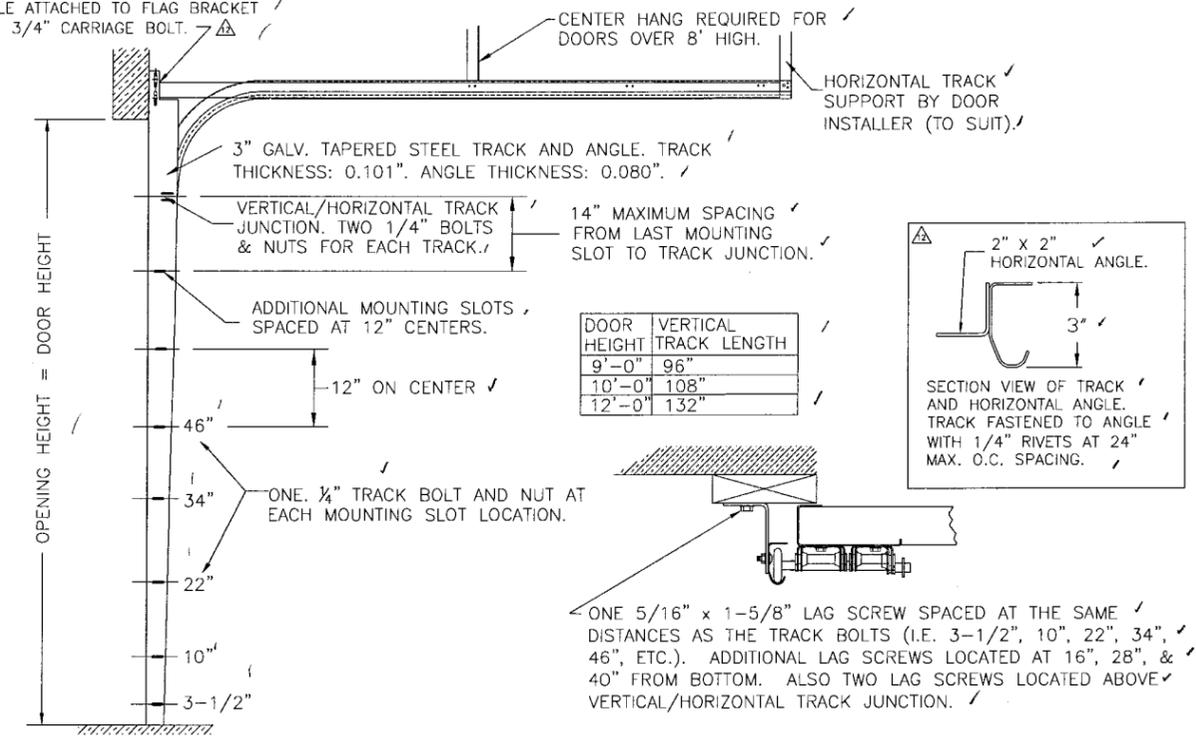
REV	DATE	DESCRIPTION
13	-	SEE REVISION HISTORY ON SHEET ONE

TRACK AND JAMB CONFIGURATION

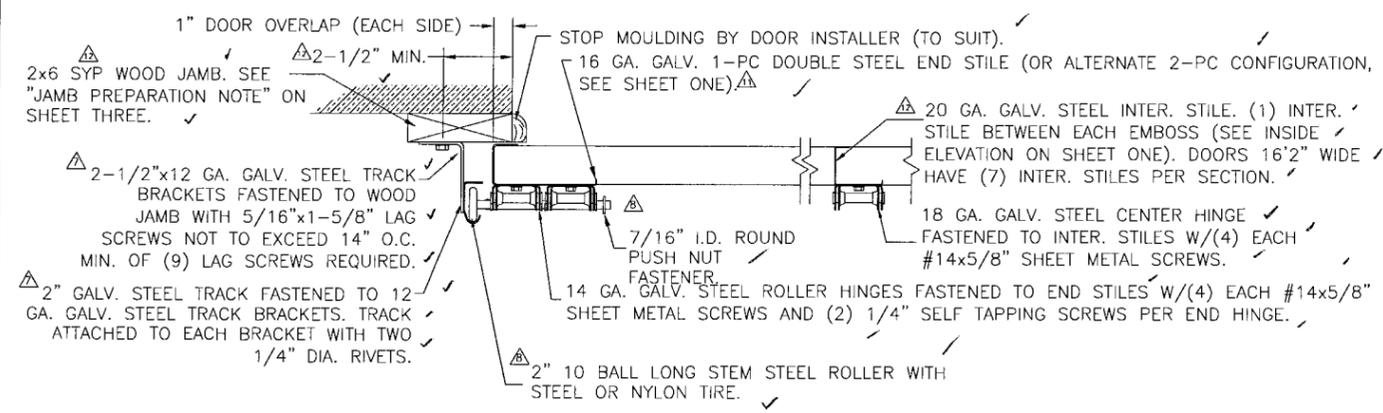
TRACK CONFIGURATION: DOORS UP TO 8'0" HIGH
 STANDARD HEIGHT MODELS 48, 84A, 94, 98, 4RST, 4F



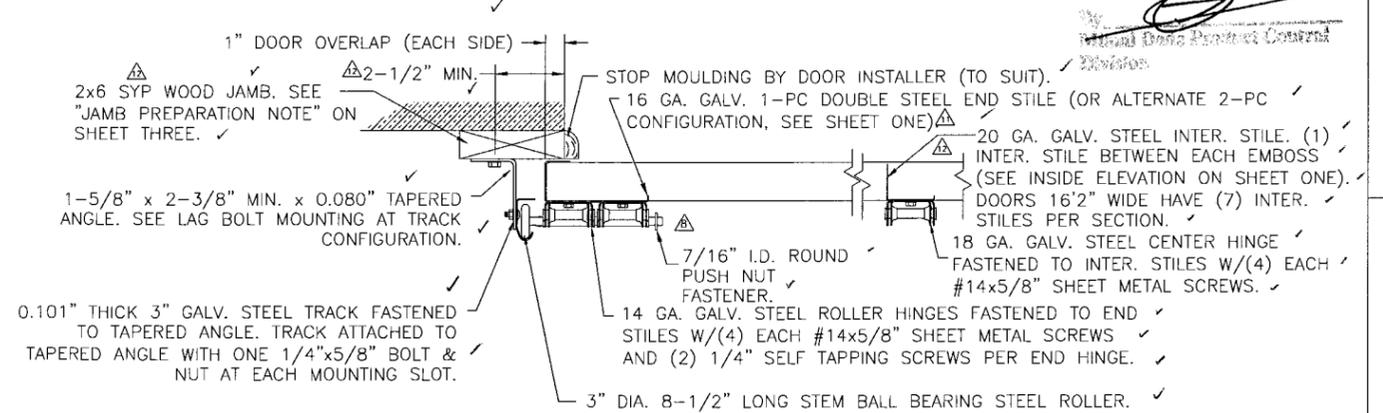
TRACK CONFIGURATION: DOORS 8'3" TO 12'0" HIGH
 EXTENDED HEIGHT MODELS H94, H4ST, 98, 4F



JAMB CONFIGURATION: DOORS UP TO 8'0" HIGH
 STANDARD HEIGHT MODELS 48, 84A, 94, 98, 4RST, 4F



JAMB CONFIGURATION: DOORS 8'3" TO 12'0" HIGH
 EXTENDED HEIGHT MODELS H94, H4ST, 98, 4F



PRODUCT REMOVED
 06-022704
 03/26/11

DESIGN ENGINEER
 SCOTT HAMILTON, P.E.
 FLORIDA LICENSE No. 63286
 DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F.

Clopay
 Building Products
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CLOPAY BUILDING PRODUCTS
 8585 DUKE BLVD.
 MASON, OHIO 45040
 (513) 770-4800

SCALE: NOTED
 DATE: 2/15/95
 DRAWN BY: MWW
 CHECKED BY: SH

PAGE: 2 OF 3
 MAX. SIZE: 16'2"W x 12'0"H
 DESCRIPTION: DOUBLE CAR W8 HURRICANE PAN DOOR
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CLOPAY MODELS 84A, 94, 98, H94
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JAMB ATTACHMENT AND SUPPORTING STRUCTURE

2x6 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) EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +372.8 LB & -416 LB. PER LINEAR FOOT OF JAMB.
- 4) 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 GRADE #2 OR BETTER WOOD STUD OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS UP TO 8'0" HIGH AND NOT LESS THAN (4) 2x6 PRESSURE TREATED GRADE #2 OR BETTER WOOD STUD OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS 8'3" TO 12'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

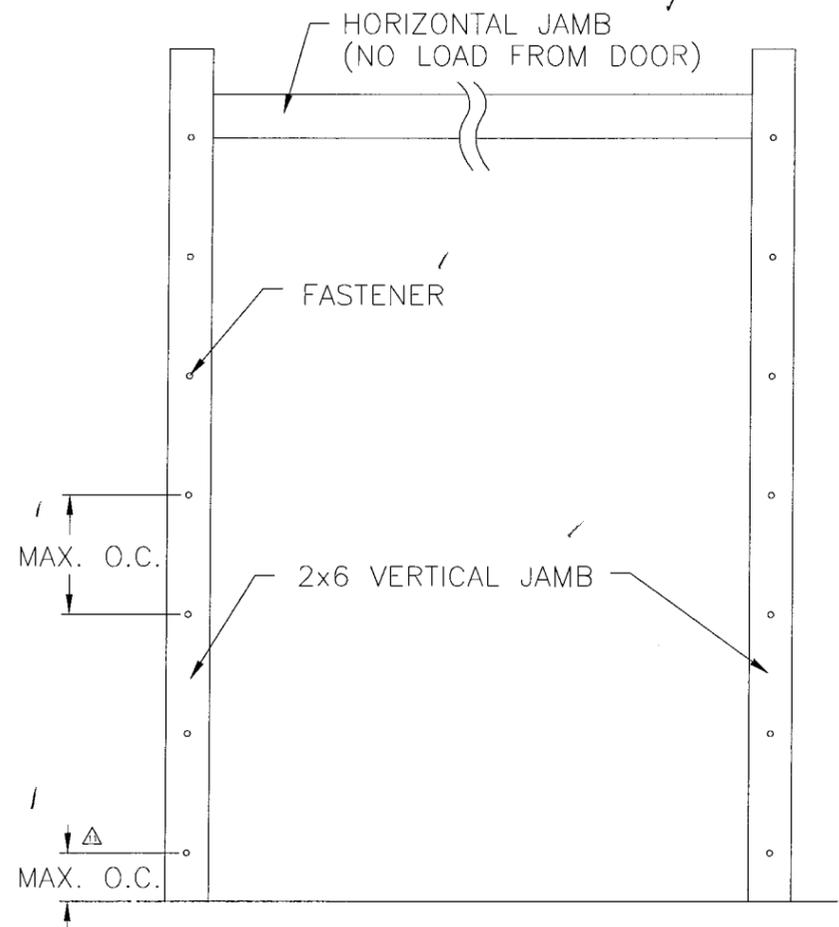
BLOCK WALL OR CONCRETE

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 #5 BAR 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 BUILDING PROFESSIONAL OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

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.



2x6 JAMB TO SUPPORTING STRUCTURE MINIMUM FASTENER REQUIREMENTS

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

BUILDING TYPE	FASTENER TYPE	* MAXIMUM ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
△ C-90 BLOCK (HOLLOW OR GROUTED)	1/4" x 3" (1-1/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	6-1/4"	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 TRUBOLT WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	24"	INCLUDED
△ WOOD FRAME (SYP 0.55 SG)	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	14"	1" O.D.
△ 2,000 PSI MIN. CONCRETE	3/8" x 5" (1-3/4" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	14"	INCLUDED

CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
 * - FIRST ANCHOR/SCREW STARTING FROM BOTTOM AT NO MORE THAN HALF OF MAXIMUM ON CENTER DISTANCE.

MADE IN FLORIDA
 06-0227.04
 03/26/11
 [Signature]

Scott Hamilton
 DESIGN ENGINEER
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