



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Commercial Ribbed W8 DP52 Steel Sectional Garage Door up to 14'-2" Wide

APPROVAL DOCUMENT: Drawing No. **103288**, titled "Commercial Ribbed Doors up to 14'2" W", sheets 1 through 3 of 3, dated 03/14/2014, with revision 04 dated 01/02/2015, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

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.

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 page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Officer
104/07/2015

NOA No 15-0211.03
Expiration Date: April 16, 2020
Approval Date: April 16, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 103288, titled "Commercial Ribbed Doors up to 14'2" W", sheets 1 through 3 of 3, dated 03/14/2014, with revision 04 dated 01/02/2015, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, 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 TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of Clopay 14'-2"x 8', 24 ga. steel garage door, Model 524W8, prepared by American Test Lab, Inc., Test Report No. ATLNC 0310.01-14, dated 03/31/2014, signed and sealed by David W. Johnson, P.E.

2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized painted and G90 panels, prepared by Fenestration Testing Laboratory, Inc., Test Report No. 7890, dated 10/01/2014, signed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchoring calculations, prepared by Clopay Building Products Company, dated 01/02/2015, signed and sealed by Mark Westerfield, P.E.

D. QUALITY ASSURANCE

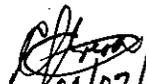
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 and the 5th edition (2014) FBC dated 02/09/2015, signed and sealed by Mark Westerfield, P.E.
2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 02/09/2015, signed and sealed by Mark Westerfield, P.E.

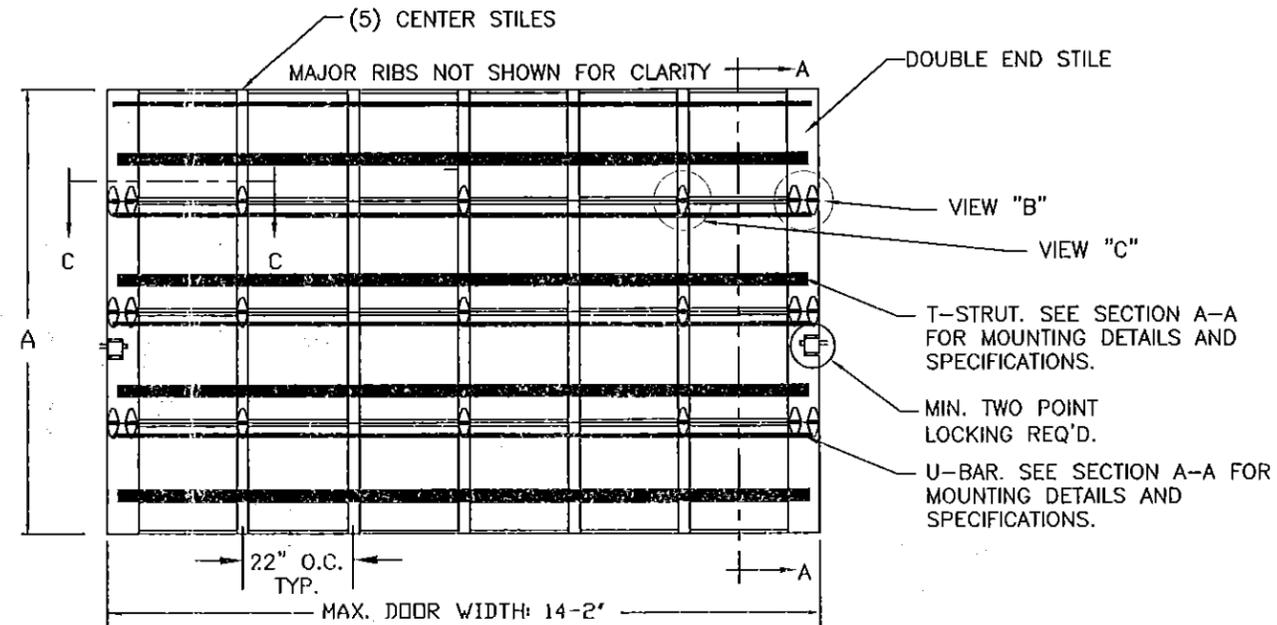

04/07/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 15-0211.03

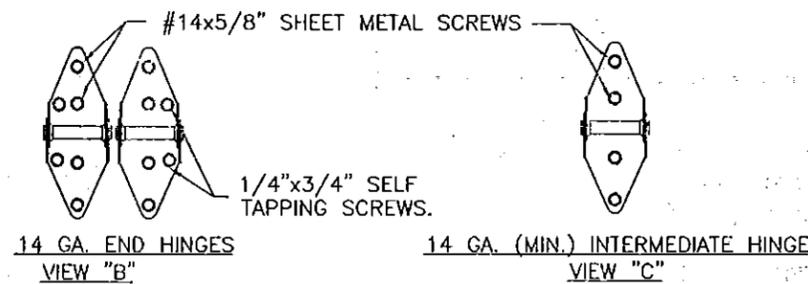
Expiration Date: April 16, 2020
Approval Date: April 16, 2015

MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL)
 524 (24 ga.), 520 (20 ga.) / 224 (24 ga.)/ C4ST (24 ga.), COST (20 ga.)

SHEET:		REVISIONS				
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION	
1 OF 3						
04	-	1/2/15	-	MWW	REVISED LAYOUT TO 3 PAGES	



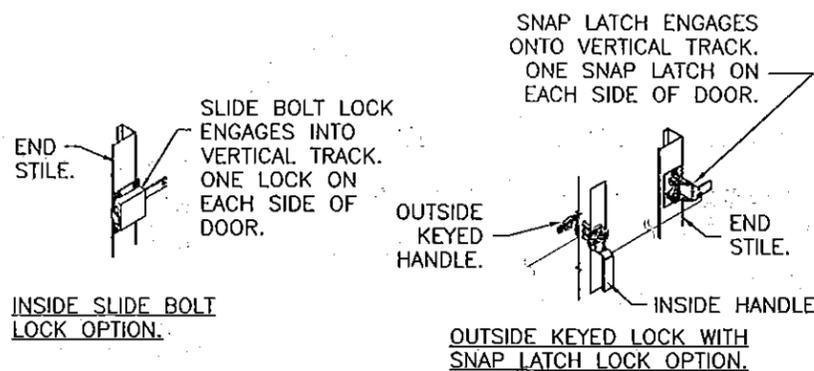
DOOR HEIGHT 'A'	NUMBER OF SECTIONS
UP TO 8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9



Approved as complying with the Florida Building Code
 Date 04/16/2015
 NOA# 15-0211.03
 Miami Dade Product Control
 By *[Signature]*

[Signature]
 2/9/15

DESIGN ENGINEER:
 MARK WESTERFIELD, P.E.
 FLORIDA P.E. #48495



DESIGN LOADS: +52.0 P.S.F. & -58.0 P.S.F.

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

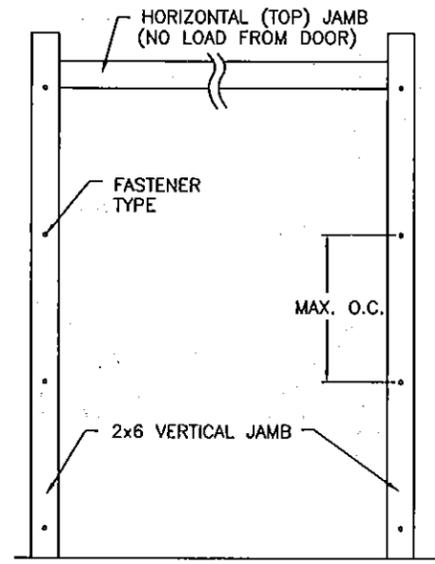
Clopay
 Building Products Company
 8585 Duke Boulevard
 Mason, OH 45040 USA
 Tel. No. 513-770-4800
 Fax No. 513-770-4853

DESCRIPTION: COMMERCIAL RIBBED DOORS UP TO 14'2"W		WINDLOAD RATING W8 DP52T	
DRAWN BY: SH	DATE: 3/14/14	SCALE: NTS	DWG. B
CHECKED BY: MWW	DATE: 1/2/15	SHEET 1 OF 3	SIZE B
DWG. NO.: 103288		VER: M-D	

MANUFACTURING PRODUCT CODE
 C-PAN-1E448
 PART NO.: N/A

MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL)
 524 (24 ga.), 520 (20 ga.) / 224 (24 ga.)/ C4ST (24 ga.), COST (20 ga.)

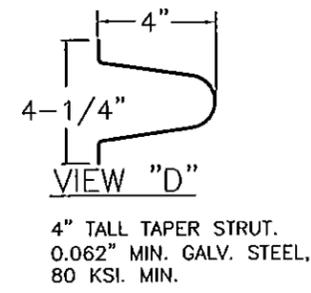
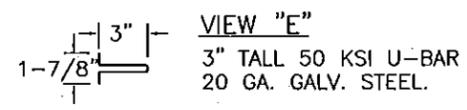
SHEET		REVISIONS				
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION	
04	-	-	-	--	SEE REVISION HISTORY ON SHEET ONE.	



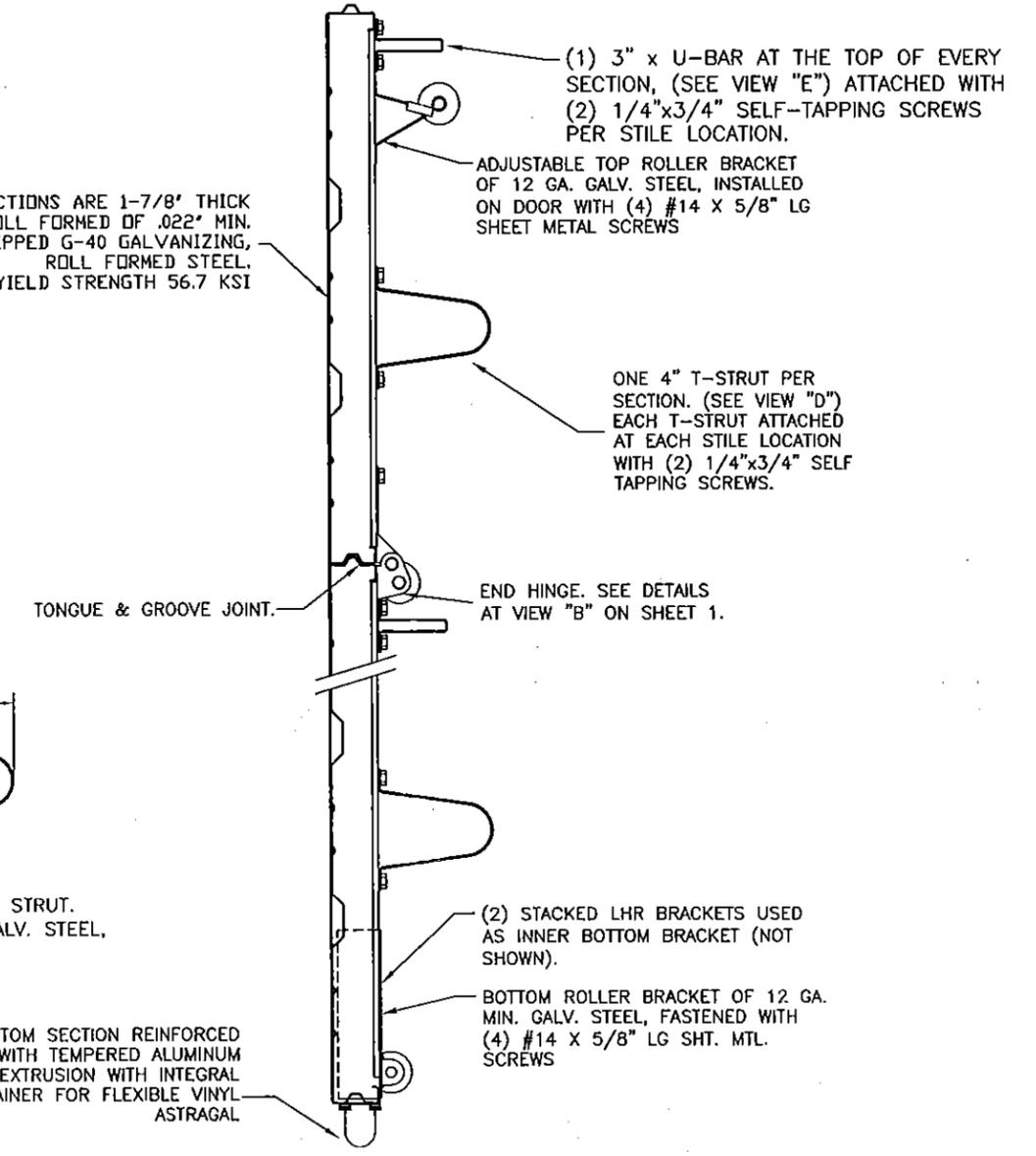
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- 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. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +364 LB & -406 LB. PER LINEAR FOOT OF JAMB.
 3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 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.

NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.



SECTIONS ARE 1-7/8" THICK PANELS ROLL FORMED OF .022" MIN. HDT DIPPED G-40 GALVANIZING, ROLL FORMED STEEL, MIN. YIELD STRENGTH 56.7 KSI



SECTION A-A (SIDE VIEW)

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 Miami Dade Product Control
 By [Signature]

FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	4-1/2"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	6-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	5-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	13-3/4"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	14-3/4"	1" O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	6-1/4"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	11"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	13"	1" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
 CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
 MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

DESIGN LOADS: +52.0 P.S.F. & -58.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
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MANUFACTURING PRODUCT CODE
C-PAN-1E448

PART NO.: N/A

WINDLOAD RATING
W8 DP52T

DESCRIPTION: COMMERCIAL RIBBED DOORS UP TO 14'2"W			
DRAWN BY: SH	DATE: 3/14/14	SCALE: NTS	DWG. B
CHECKED BY: MWW	DATE: 1/2/15	SHEET 2 OF 3	SIZE B
DWG. NO.: 103288		VER: M-D	

DESIGN ENGINEER:
 MARK WESTERFIELD, P.E.
 FLORIDA P.E. #48495
 2/9/15

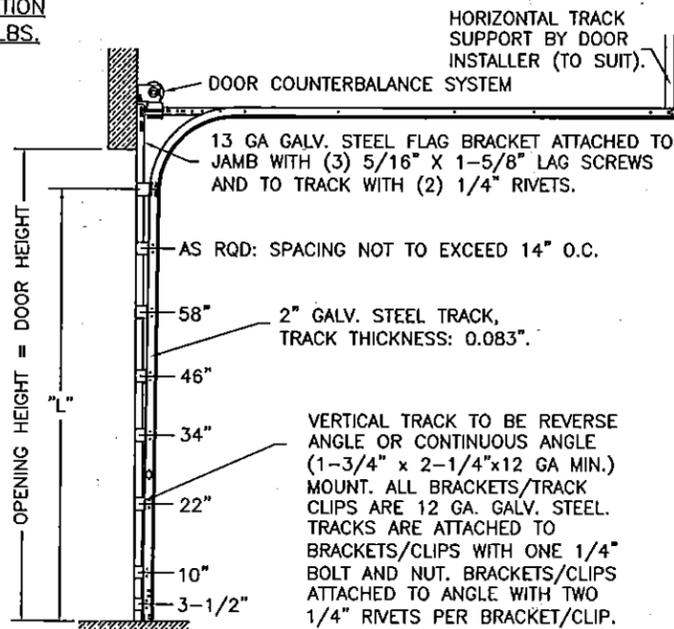
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SHEET
 3 OF 3

REVISIONS					DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD	
04	-	-	-	--	SEE REVISION HISTORY ON SHEET ONE.

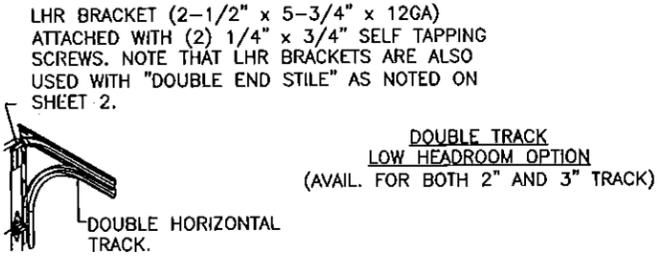
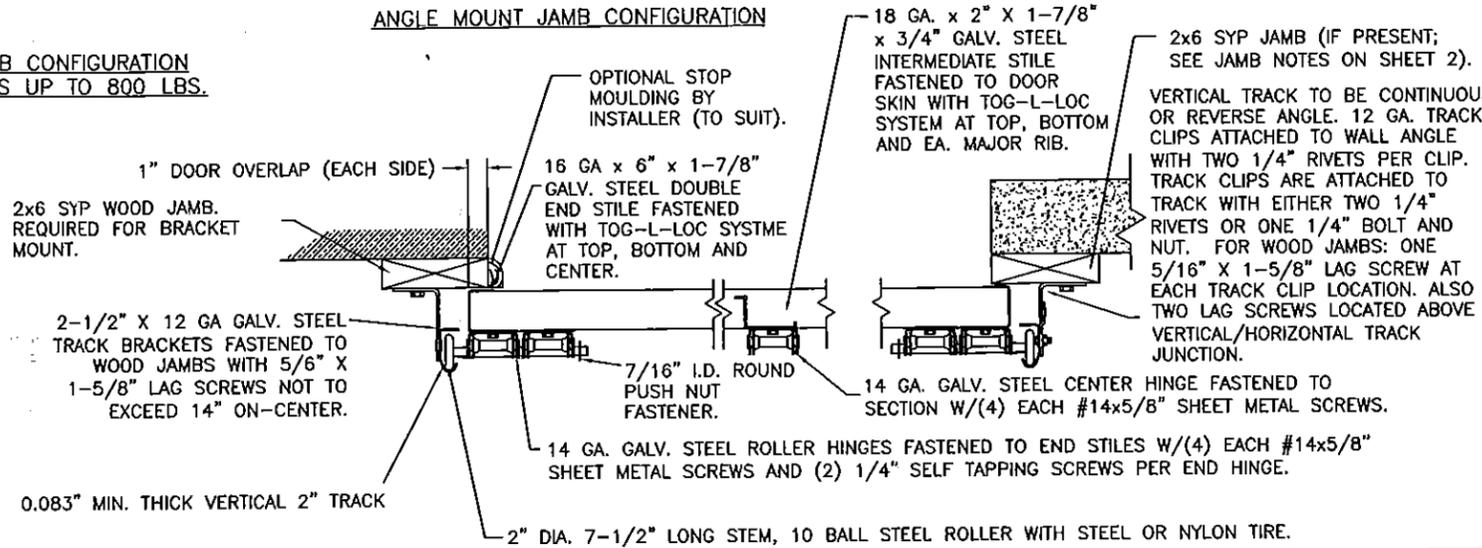
2" TRACK CONFIGURATION
 DOORS UP TO 800 LBS.

NOTE DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.



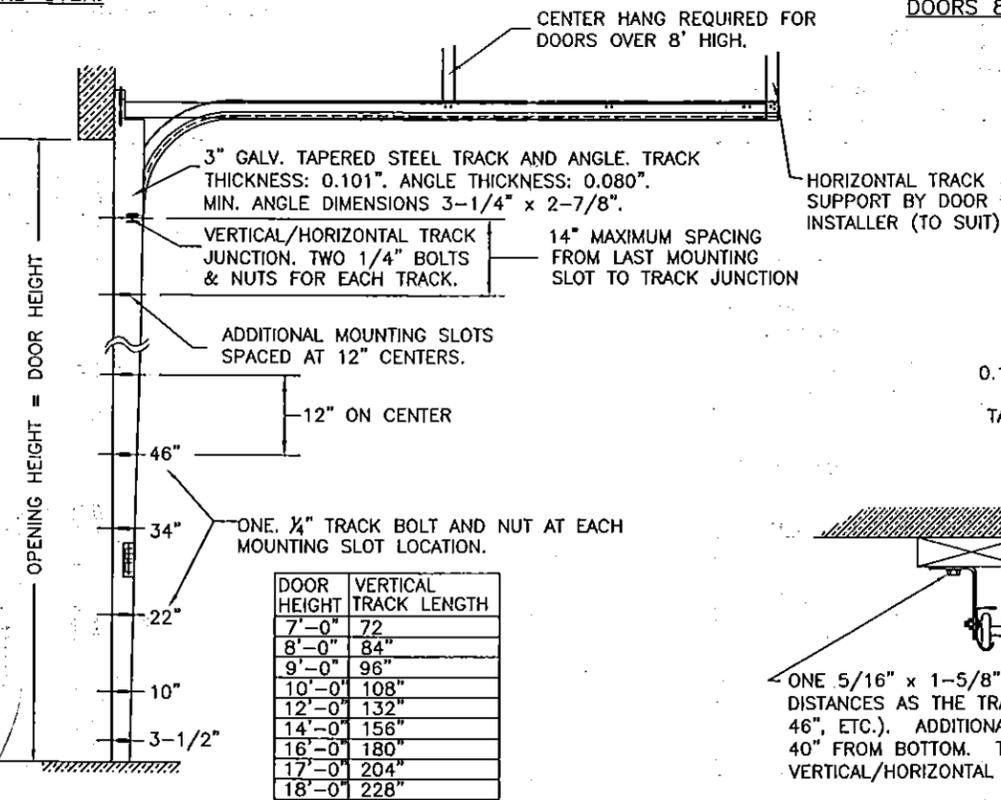
DOOR HEIGHT "L"	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"
16'-6"	190"
17'-0"	196"
17'-6"	202"
18'-0"	208"

JAMB CONFIGURATION
 DOORS UP TO 800 LBS.

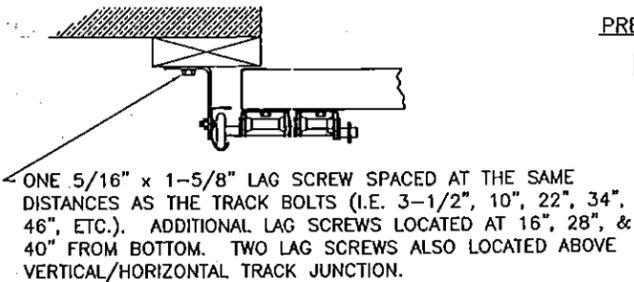
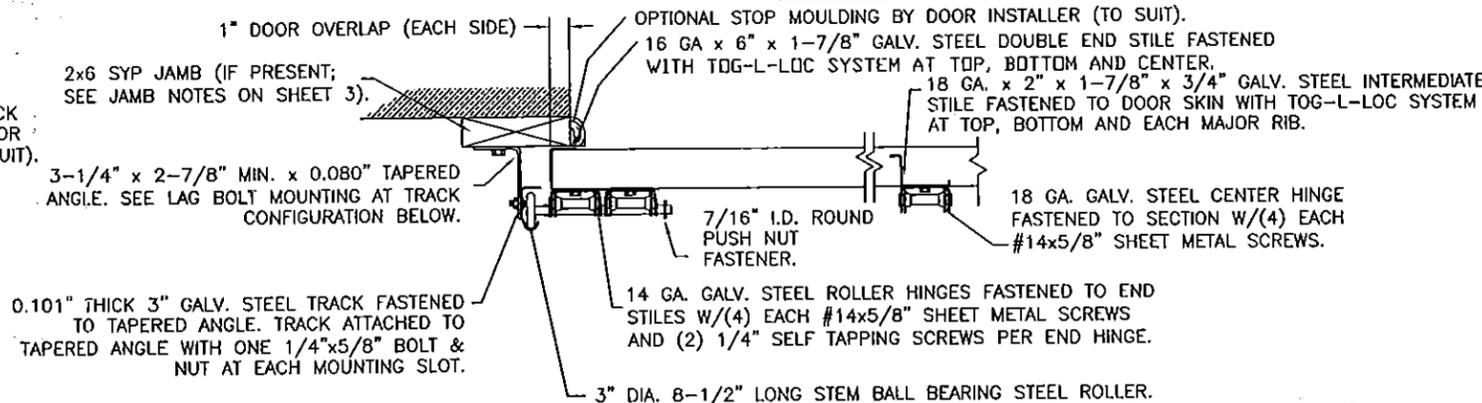


3" TRACK CONFIGURATION
 DOORS 800 LBS AND OVER.

NOTE DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.



JAMB CONFIGURATION
 DOORS 800 LBS AND OVER.



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