



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

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

POSITIVE LOCK, INC.
402 East 39th Street
Russellville, AR 72802

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: COMPONENT APPROVAL

Series "THPA (H) - 80" Vertical Rod Panic Device for Pair of Doors and "THPA (H) - 40" Horizontal Rim Panic Device for Single Door - for Steel Commercial Doors - L.M.I.

APPROVAL DOCUMENT: Drawing No. PL-815W, titled "Positive Lock Models THPA (H)", sheets 01 through 04 of 04, dated 01/15/05, with revision "B" dated 04/22/14, prepared by P.T.C. Product Design Group, LLC, signed and sealed by Robert J. Amoroso, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

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, series, 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.

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 revises NOA No. 09-0429.07 and 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 **Jaime D. Gascon, P. E.**



J. Gascon
5/1/14

NOA No. 14-0128.03
Expiration Date: May 05, 2015
Approval Date: May 08, 2014

POSITIVE LOCK, INC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 03-1110.05)
2. Drawing No. **PL-815W**, titled "Positive Lock Models THPA (H)", sheets 01 through 04 of 04, dated 01/15/05, with revision "B" dated 04/22/14, prepared by P.T.C. Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94along with marked-up drawings and installation diagram of 3 specimens of a commercial steel door (X) with THPA (H)-40 horizontal rim panic device and with THPA (H)-80 vertical rod panic device, prepared by Certified Testing Laboratories, LLC, Test Reports No.'s **CTLA-815W**, dated 07/11/03, and **CTLA-815W-1**, dated 07/14/03, all signed and sealed by Ramesh Patel, P. E.
(Submitted under previous NOA No. 03-1110.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by Product Technology Corporation Product Design Group, LLC, dated 09/12/03, signed and sealed by Rene Quiroga, P. E.
(Submitted under previous NOA No. 03-1110.05)
2. Glazing complies with **ASTM E1300-98**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010** and **FBC 5th Edition (2014)**, issued by P.T.C. Product Design Group, LLC, dated 04/07/14, signed and sealed by Robert J. Amoruso, P. E.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0128.03
Expiration Date: May 05, 2015
Approval Date: May 08, 2014

POSITIVE LOCK, INC.

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F. STATEMENTS

2. Department of State Certification of **POSITIVE LOCK, INC.** as a for profit corporation, active and organized under the laws of the State of Arkansas, dated 12/14/92 and signed by Mark Martin, Secretary of State.
3. Laboratory addendum letters for Test Reports No.'s **CTLA-815W** and **CTLA-815W-1**, both dated 03/22/05, issued by Certified Testing Laboratories, LLC, signed and sealed by Ramesh Patel, P. E.
(Submitted under previous NOA No. 03-1110.05)
4. Proposal to NOA No. **03-1110.05** issued by the Product Control Section, dated 03/22/05, signed by Manuel Perez, P.E.
(Submitted under previous NOA No. 03-1110.05)
5. Laboratory compliance letters for Test Reports No.'s **CTLA-815W**, dated 07/11/03 and **CTLA-815W-1**, dated 07/14/03, both issued by Certified Testing Laboratories, LLC, signed and sealed by Ramesh Patel, P. E.
(Submitted under previous NOA No. 03-1110.05)

G. OTHERS

1. Notice of Acceptance No. **09-0429.07**, issued to Positive Lock, Inc. for their Component Approval of Series "**THPA (H) - 80 Vertical Rod Panic Device for Pair of Doors and THPA (H) - 4 Horizontal Rim Panic Device for Single Door - For Steel Commercial Doors - L.M.I.**", approved on 09/16/09 and expiring on 05/05/15.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0128.03
Expiration Date: May 05, 2015
Approval Date: May 08, 2014

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG KW	01/12/05	
B	REV. TO CURRENT FBC EDITION	04/22/14	RJA

GENERAL NOTES

1. THIS PRODUCT HAS BEEN TESTED AND DESIGNED TO MEET THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE USING TAS 201-94, TAS 202-94 AND TAS 203-94 PERFORMANCE STANDARDS. B

2. THE LOCKING PANIC HARDWARE PRODUCTS LISTED IN THIS NOA SHALL BE USED IN CONJUNCTION WITH CURRENT NOA'S UTILIZING SIMILAR COMPONENTS. DESIGN PRESSURE RATING WILL BE LIMITED BY THE LOWEST RATED APPROVAL. THE PRODUCT CAN BE USED WITH COMMERCIAL HOLLOW-METAL STEEL DOORS/FRAMES, HOLDING CURRENT NOA.

3. FOR DESIGN PRESSURE RATING SEE TABLE 1.

4. THE LOCKING PANIC HARDWARE PRODUCTS LISTED IN THIS NOA MEET THE IMPACT PROTECTION REQUIREMENTS FOR WIND BORNE DEBRIS REGIONS INCLUDING THE HIGH VELOCITY HURRICANE ZONE DEFINED IN THE CURRENT EDITION OF THE FLORIDA BUILDING CODE BY TESTING TO TAS 201-94, TAS 202-94 AND TAS 203-94 PERFORMANCE STANDARDS. B

DESIGN PRESSURE RATING		
HARDWARE MODEL	DOOR SIZE, TYPE & SWING	DESIGN PRESSURE
POSITIVE LOCK THPA(H)-40 HORIZONTALLY MOUNTED PANIC DEVICE	4'0" X 8'0" SINGLE STEEL (1.75" THICK, 16 GA MIN) OUT-SWING	+ 100 PSF
		- 100 PSF
POSITIVE LOCK THPA(H)-80 VERTICALLY MOUNTED PANIC DEVICE	4'0" X 8'0" SINGLE OR 8'0" X 8'0" DOUBLE STEEL (1.75" THICK, 16 GA MIN) OUT-SWING	+ 100 PSF
		- 100 PSF

LIMITATION AND SPECIFICATION NOTES

1. THIS PRODUCT IS APPROVED AS AN ALTERNATIVE TO BE USED IN A SINGLE AND/OR DOUBLE STEEL DOOR/FRAME ELEVATION, HOLDING CURRENT NOA. THE LOWEST DESIGN PRESSURE RATING SHALL APPLY.

2. DOOR PANEL SHALL BE CORE FILLED WITH APPROVED PAPER HONEYCOMB, POLYSTYRENE, POLYURETHANE, STEEL STIFFENED, OR MINERAL CORE OPTIONS, WITH MINIMUM OVERALL 1.75" THICKNESS.

3. DOOR PANEL FACE SHEETS TO BE MINIMUM 16 GA. OR BETTER, FLUSH (WITHOUT LITE OR LOUVER CUTOUTS). LOCK EDGE SHALL BE REINFORCED WITH 12 GA. VERTICAL CHANNEL, FULL HEIGHT OF DOOR.

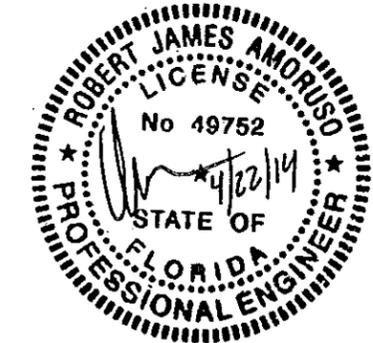
4. FRAME JAMB/HEAD SECTIONS SHALL HAVE 2" FACE MIN., 5/8" MIN. HIGH STOP, AND 5.75" MIN. DEPTH. MATERIAL: STEEL 16 GA. OR BETTER.

5. HORIZONTALLY MOUNTED DEVICE SHALL BE INSTALLED IN A SINGLE DOOR NO WIDER THAN 48.0" AND HIGHER THAN 96.0" (SEE DESIGN PRESSURE TABLE).

6. VERTICALLY MOUNTED DEVICE SHALL BE INSTALLED IN A SINGLE OR DOUBLE DOORS NO WIDER THAN 48.0" EACH AND HIGHER THAN 96.0" (SEE DESIGN PRESSURE TABLE).

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES & APPROVED HARDWARE MODELS
2	TYPICAL JAMB AND DOOR CROSS SECTIONS
3	POSITIVE LOCK THPA(H)-40 HORIZONTAL DEVICE
4	POSITIVE LOCK THPA(H)-80 VERTICAL DEVICE

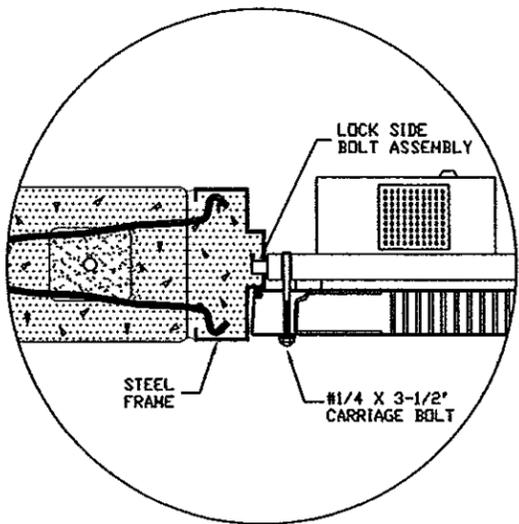
Robert J. Amoruso, P.E.
FL P.E. No. 49752



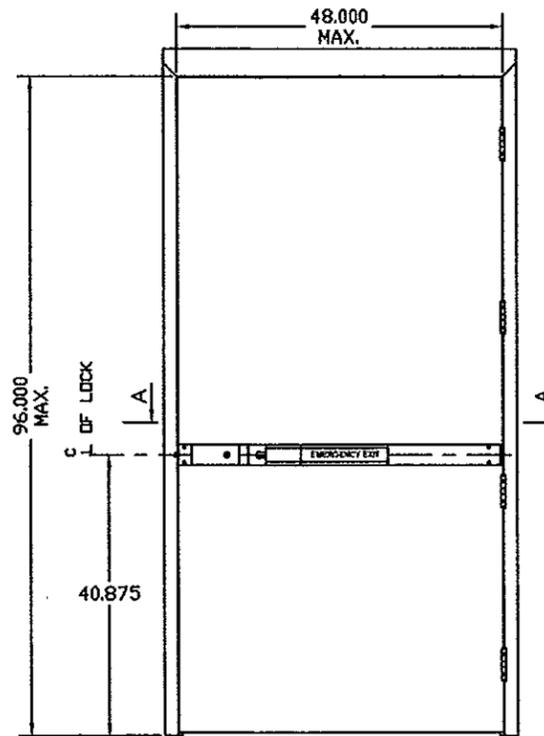
PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
info@ptc-corp.com
FBPE Cert. of Auth. No. 25935

PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 140128.03
Expiration Date 05/09/2015
By *[Signature]*
Miami Dade Product Control

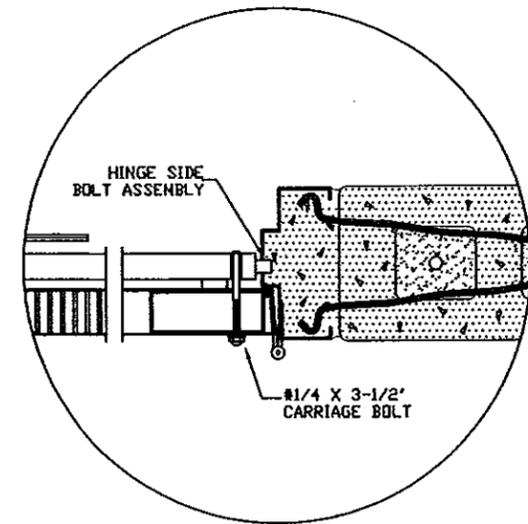
BEND RADIUS				402 East 39th Street Russellville, AR 72801	
		TITLE DADE COUNTY POSITIVE LOCK GENERAL NOTES AND APPROVED HARDWARE MODELS MODEL THPA(H)		Made in the U.S.A.	
DRAWN KW	DATE 01/15/05	SIZE FLAT	DWG NO. PL-815W SHEET	1 OF 4	REV B
CHECKED	APPROVED	SCALE: NTS	AUTOCAD		
ENG. APPVL					



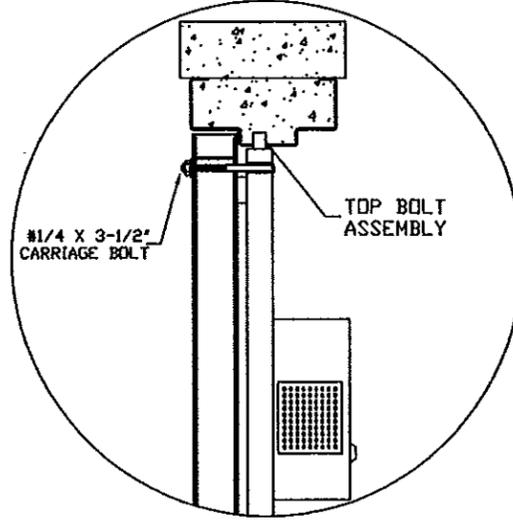
SECTION A-A
HORIZONTAL DEVICE
POSITIVE LOCK THPA(H)-40
LOCK SIDE



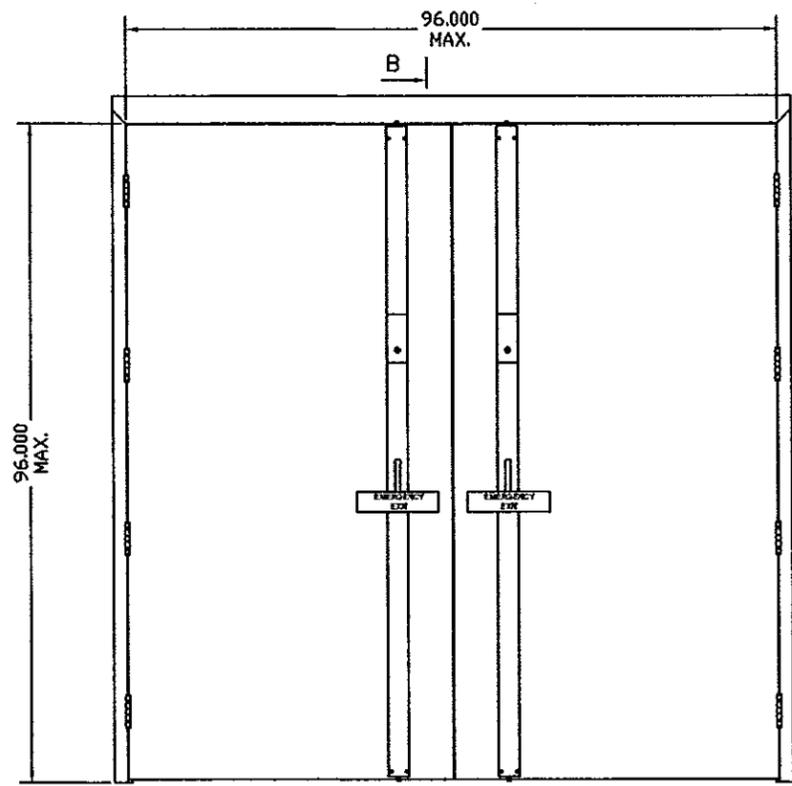
OUTSWING DOOR
WITH HORIZONTALLY
MOUNTED DEVICE



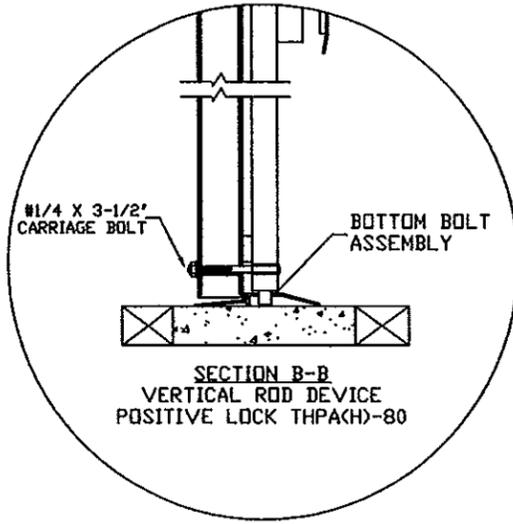
SECTION A-A
HORIZONTAL DEVICE
POSITIVE LOCK THPA(H)-40
HINGE SIDE



SECTION B-B
VERTICAL DEVICE
POSITIVE LOCK THPA(H)-80
TOP OF DOOR



OUTSWING DOORS
WITH VERTICALLY
MOUNTED DEVICES



SECTION B-B
VERTICAL DEVICE
POSITIVE LOCK THPA(H)-80
BOTTOM OF DOOR

SECTION B-B
VERTICAL ROD DEVICE
POSITIVE LOCK THPA(H)-80

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	KW 01/12/05	
B	REV. TO CURRENT FBC EDITION	04/22/14	RJA

PRODUCT REVISED
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Robert J. Amoruso, P.E.
FL P.E. No. 49752

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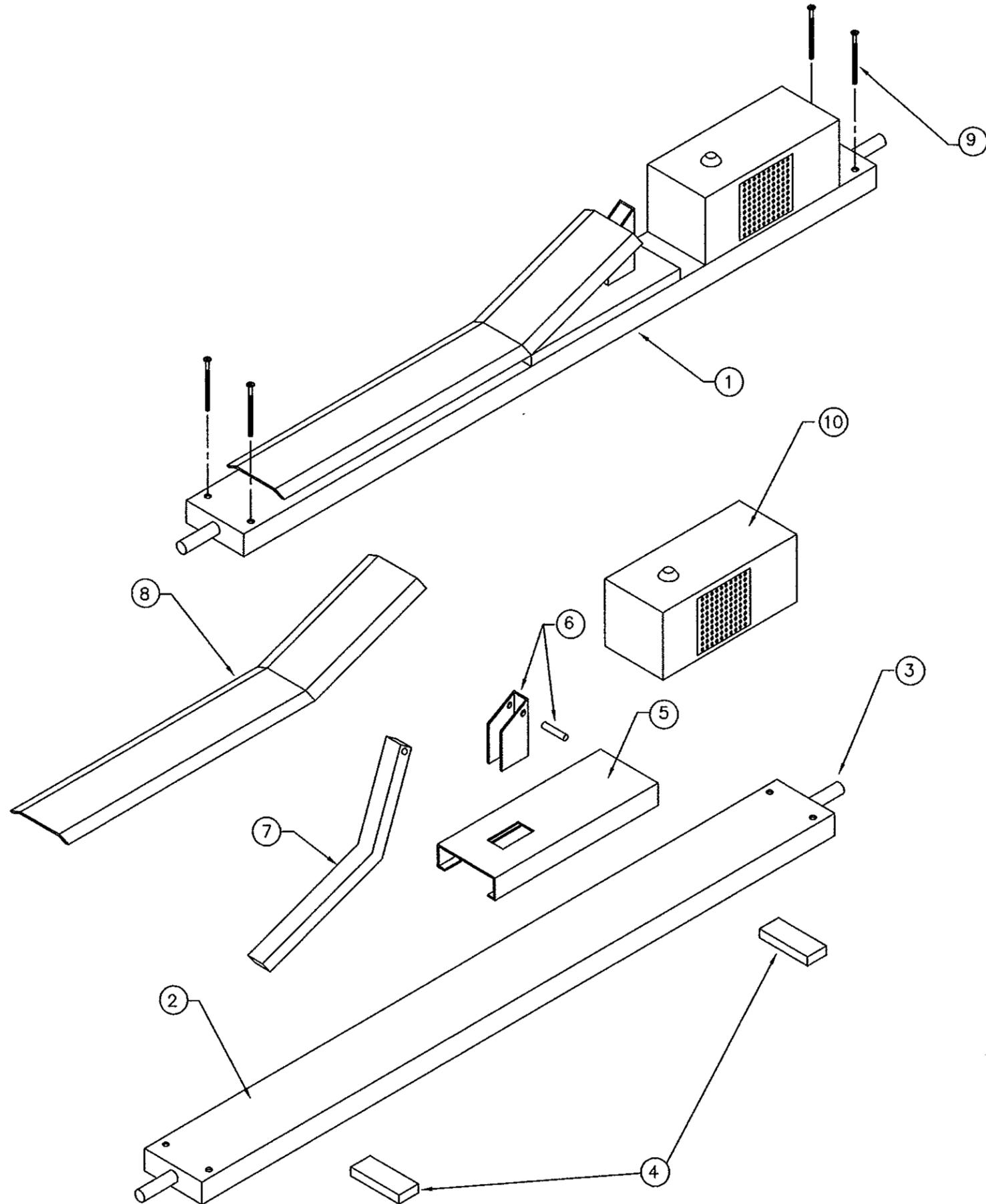
BEND RADIUS				402 East 39th Street Russellville, AR 72801	
THIRD ANGLE PROJECTION		TITLE		DADE COUNTY	
DRAWN KW	DATE 01/15/05	JAMB TO BUCK & DOOR CROSS SECTIONS POSITIVE LOCK THPA(H)			
CHECKED		SIZE	FLAT	DWG NO. PL-815W SHEET 2 OF 4	REV B
APPROVED		SCALE: NTS		AUTOCAD	
ENG. APPVL					

HORIZONTAL ROD DEVICE
POSITIVE LOCK THPA(H)

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG KW	01/12/05	
B	REV. TO CURRENT FBC EDITION	04/22/14	RJA

ITEM	DESCRIPTION
1	HORIZONTAL DEVICE ASSEMBLY
2	STEEL CASE 1"X3"XLENGTH, .078" THK
3	LATCH BOLT $\phi 1/2"$ X 18-1/8" STEEL
4	SPACER BLOCK 1"X2.5"X.399"
5	COVER
6	AXLE ASSEMBLY
7	STEEL LEVER 12"X.75"X.5"
8	STEEL PADDLE 18"X3"X.109"
9	#1/4"X3-1/2" CARRIAGE BOLT
10	KEY-CONTROLLED BATTERY OPERATED EXIT ALARM (OPTIONAL)

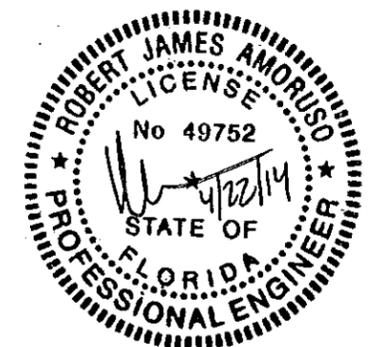


NOTES:

1. MODELS OFFERED FOR 3'0" AND 4'0" DOOR WIDTHS.
2. OFFERED WITH OR WITHOUT EXTERIOR ACCESS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0128.03
Expiration Date 25/05/2015
By *[Signature]*
Miami Dade Product Control

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FL P.E. No. 49752



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BEND RADIUS				402 East 39th Street Russellville, AR 72801	
		Made in the U.S.A.		TITLE DADE COUNTY	
DRAWN KW	DATE 01/12/05	POSITIVE LOCK HORIZONTAL DEVICE MODEL THPA(H) ASSEMBLY VIEW & BOM			
CHECKED		SIZE FLAT	DWG NO. PL-815W SHEET	3 OF 4	REV B
APPROVED		SCALE: NTS	AUTOCAD		
ENG. APPVL					

REVISIONS

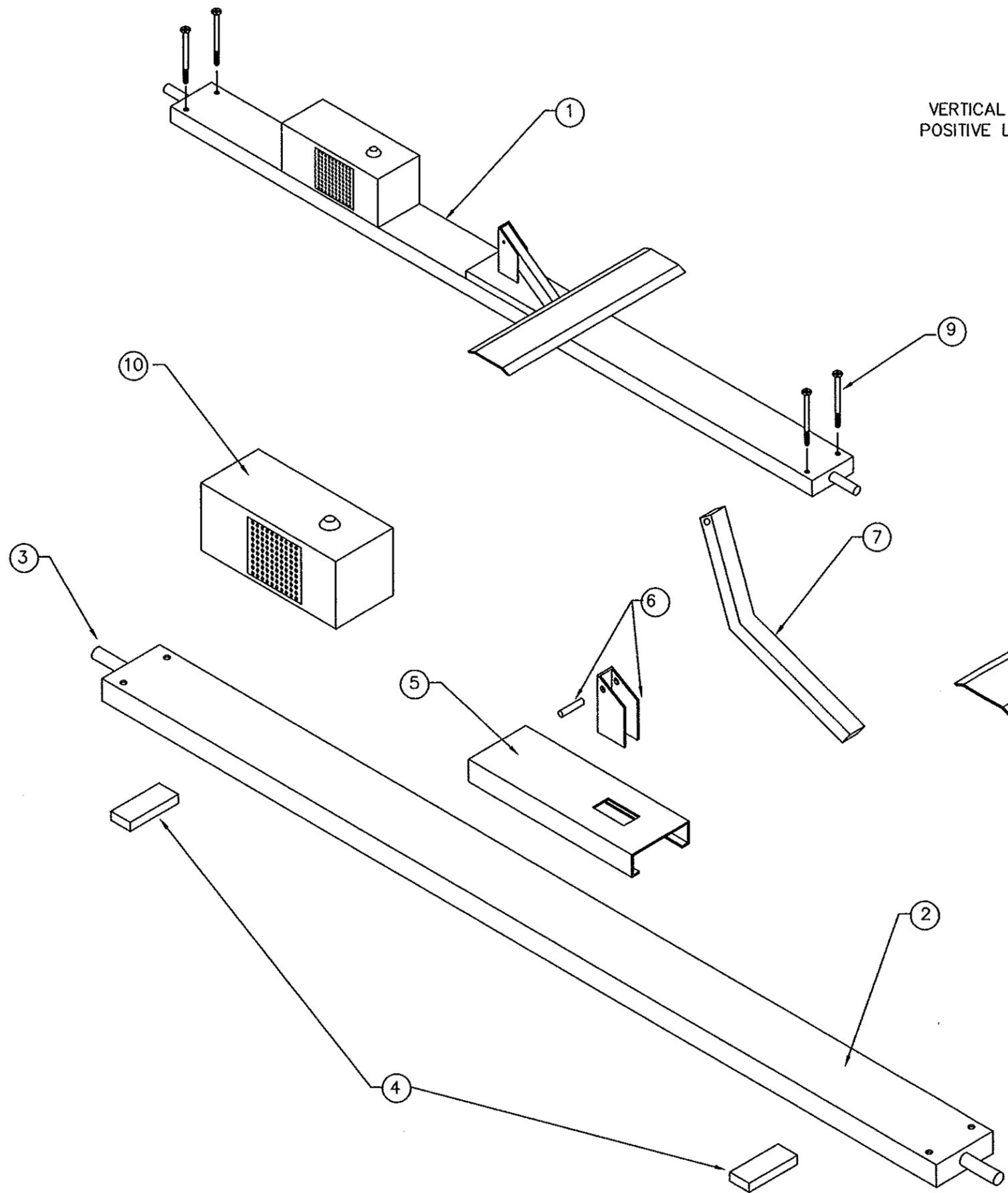
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG KW	01/12/05	
B	REV. TO CURRENT FBC EDITION	04/22/14	RJA

VERTICAL ROD DEVICE
POSITIVE LOCK THPA(H)

ITEM	DESCRIPTION
1	VERTICAL DEVICE ASSEMBLY
2	STEEL CASE 1"X3"XLENGTH, .078" THK
3	LATCH BOLT #1/2" X 18-1/8" STEEL
4	SPACER BLOCK 1"X2.5"X.399"
5	COVER
6	AXLE ASSEMBLY
7	STEEL LEVER 12"X.75"X.5"
8	STEEL PADDLE 18"X3"X.109"
9	#1/4"X3-1/2" CARRIAGE BOLT
10	KEY-CONTROLLED BATTERY OPERATED EXIT ALARM (OPTIONAL)

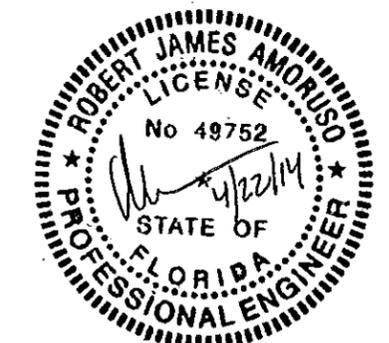
NOTES:

1. MODELS OFFERED FOR 6'8", 7'0" AND 8'0" DOOR HEIGHTS.
2. OFFERED WITH OR WITHOUT EXTERIOR ACCESS.



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Expiration Date **05/05/2015**
By *[Signature]*
Miami Dade Product Control

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BEND RADIUS		Positive Lock		402 East 39th Street Russellville, AR 72801	
THIRD ANGLE PROJECTION		Made in the U.S.A.			
DRAWN KW	DATE 01/12/05	TITLE DADE COUNTY POSITIVE LOCK VERTICAL ROD DEVICE THPA(H) MODEL ASSEMBLY VIEW & BOM			
CHECKED		SIZE FLAT	DWG NO. PL-815W SHEET	4 OF 4	REV B
APPROVED		SCALE: NTS	AUTOCAD		
ENG. APPVL					