



**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)

**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 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: 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

APPROVAL DOCUMENT: Drawing No. **PL-815W**, titled "Positive Lock", sheets 1 through 4 of 4, dated 01/15/05, with revision A dated 01/12/05, prepared by the manufacturer, signed and sealed by Gordon Dennis Thomas, 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 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.

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 **Manuel Perez, P.E.**



**NOA No 03-1110.05
Expiration Date May 05, 2010
Approval Date: May 05, 2005
Page 1**

Positive Lock, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings.
2. Drawing No. **PL-815W**, titled "Positive Lock", sheets 1 through 4 of 4, dated 01/15/05, with revision A dated 01/12/05, prepared by the manufacturer, signed and sealed by Gordon Dennis Thomas, 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 3603.2 (b) and TAS 202-94
along with marked-up drawings and installation diagram of 3 specimens of a commercial steel door (X) with THPA (H)-40 horizontal rim panic device, prepared by Certified Testing Laboratories, Test Report No. **CTLA-815W**, dated 07/11/03, and addendum letter dated 03/22/05, all signed and sealed by Ramesh Patel, P.E.
2. 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 3603.2 (b) and TAS 202-94
along with marked-up drawings and installation diagram of 3 specimens of a commercial steel door (XX) with THPA (H)-80 vertical rod panic device, prepared by Certified Testing Laboratories, Test Report No. **CTLA-815W-1**, dated 07/14/03, and addendum letter dated 03/22/05, all signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS (For reference only from door approval file)

1. Anchor Calculations and structural analysis, prepared by Product Technology Corporation, dated 09/12/03, signed and sealed by Rene Quiroga, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter of conformance and no financial interest dated October 9, 2003, signed and sealed by Rene J. Quiroga, P.E.
2. Notarized letter of "No financial interest" dated October 27, 2003, , signed by Kimbra White, certification engineer.

G. OTHER

1. None.



Manuel Perez, P.E.

Product Control Examiner

NOA No 03-1110.05

Expiration Date May 05, 2010

Approval Date: May 05, 2005

R E V I S I O N S

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG KW	01/12/05	

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE FOR HIGH VELOCITY HURRICANE ZONE.
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 REQUIREMENTS FOR HIGH VELOCITY HURRICANE WINDBORNE DEBRIS ZONES AS DESCRIBED IN SECTION 1626 OF THE FLORIDA BUILDING CODE.

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

Handwritten signature and date: PL 46718 1/19/05

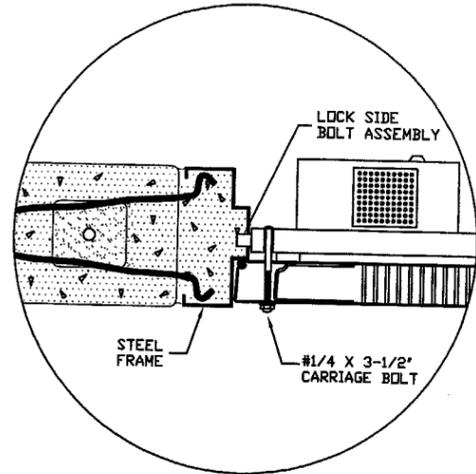
LIMITATION AND SPECIFICATION NOTES

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).

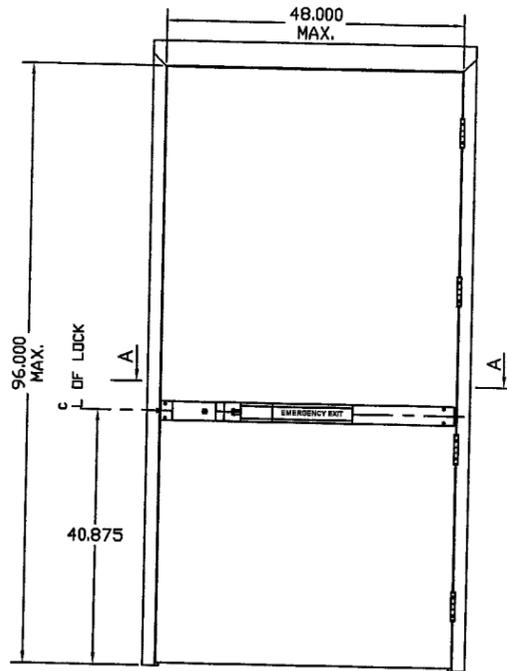
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES & APPROVED HARDWARE MODELS
2	TYPICAL JAMB AND DOOR CROSS SECTIONS
3	POSITIVE LOCK THPA(H)-40 HORIZONTAL DEVICE
4	POSITIVE LOCK THPA(H)-80 VERTICAL DEVICE

Approved as complying with the Florida Building Code
 Date MAY 5, 2005
 NOA# 03-1110.05
 Miami Dade Product Control
 Division
 By *Maund Perry*

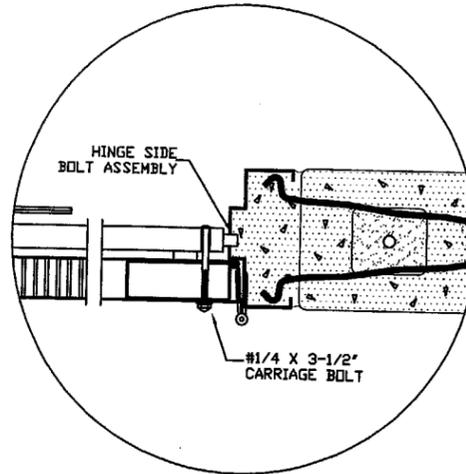
BEND RADIUS			
THIRD ANGLE PROJECTION		TITLE DADE COUNTY POSITIVE LOCK GENERAL NOTES AND APPROVED HARDWARE MODELS MODEL THPA(H)	
DRAWN KW	DATE 01/15/05	Made in the U.S.A. 402 East 39th Street Russellville, AR 72801	
CHECKED		SIZE FLAT	DWG NO. PL-815W SHEET 1 OF 4
APPROVED		SCALE: NTS	AUTOCAD
ENG. APPVL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



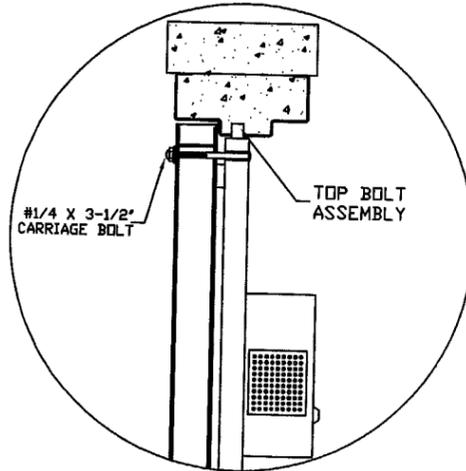
SECTION A-A
HORIZONTAL DEVICE
POSITIVE LOCK THPA(H)-40
LOCK SIDE



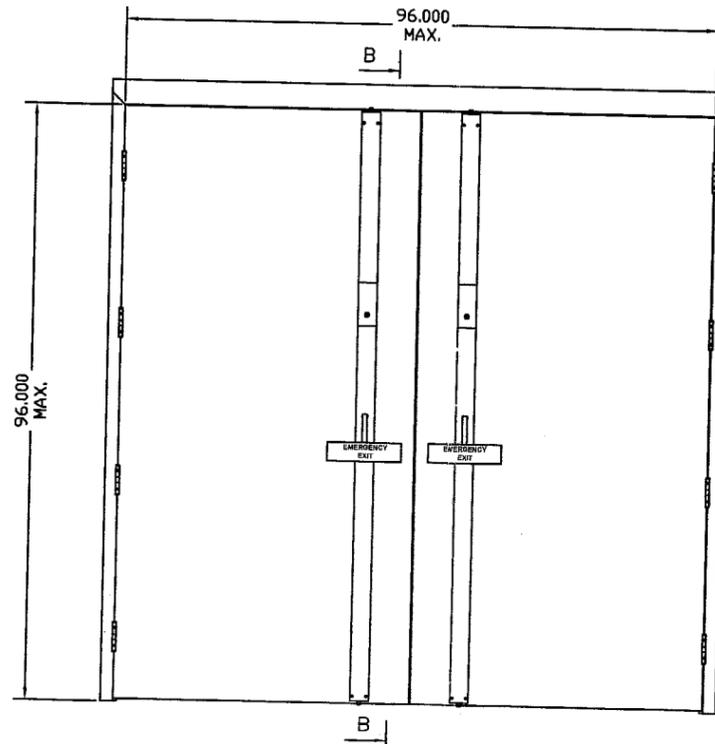
OUTSWING DOOR
WITH HORIZONTALLY
MOUNTED DEVICE



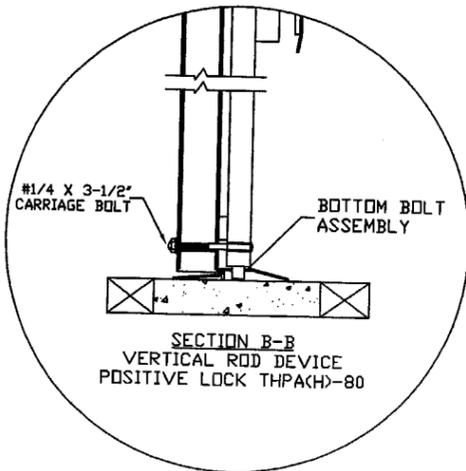
SECTION A-A
HORIZONTAL DEVICE
POSITIVE LOCK THPA(H)-40
HINGE SIDE



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



OUTSWING DOORS
WITH VERTICALLY
MOUNTED DEVICES



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

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	KW	01/12/05

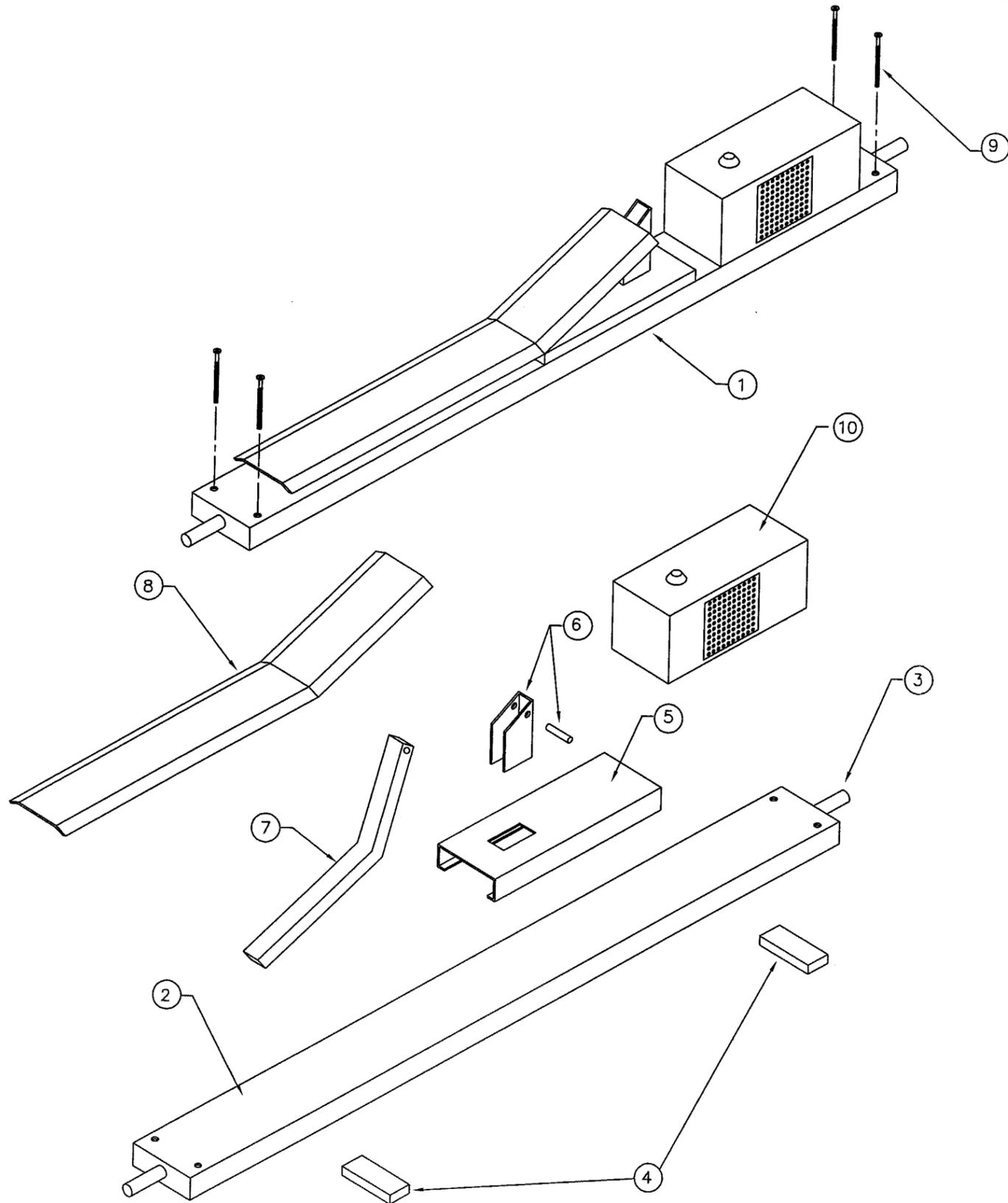
Handwritten signature and date:
PL-4678
11/19/05

Approved as complying with the
Florida Building Code
Date **MAY 5, 2005**
NOA# **03-1110-05**
Miami Dade Product Control
Division
By *James Perez*

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 A
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	



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)

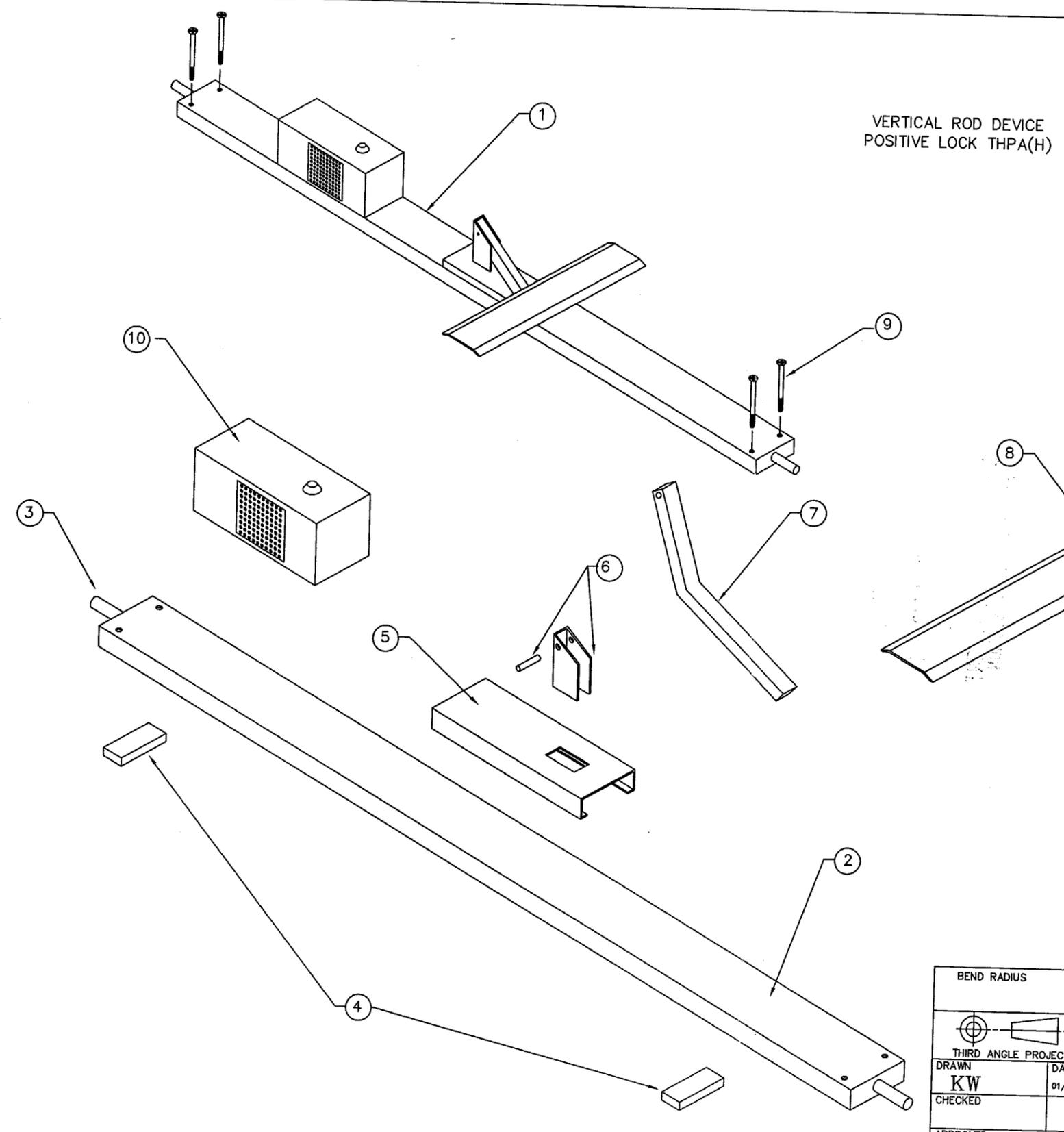
M. J. Smith
FL 46718
1/19/05

NOTES:

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

Approved as complying with the
Florida Building Code
Date MAY 5, 2005
NOA# 03-1110.05
Miami Dade Product Control
Division
By *Manuel Perez*

BEND RADIUS				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 HORIZONTAL DEVICE MODEL THPA(H) ASSEMBLY VIEW & BOM			
CHECKED		SIZE FLAT	DWG NO. PL-815W SHEET	3 OF 4	REV A
APPROVED		SCALE: NTS	AUTOCAD		
ENG. APPVL					



VERTICAL ROD DEVICE
POSITIVE LOCK THPA(H)

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	KW 01/12/05	

Handwritten signature and date:
1/19/05

ITEM	DESCRIPTION
1	VERTICAL DEVICE ASSEMBLY
2	STEEL CASE 1"X3"XLENGTH, .078" THK
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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.

Approved as complying with the Florida Building Code
 Date May 5, 2005
 NOA# 03-1110.05
 Miami Dade Product Control Division
 By *Manuel Perez*

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