

Sargent & Greenleaf, Inc.
One Security Drive
Nicholasville, KY 40356

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 PERA -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. PERA 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: Series "ARM-A-DOR" Panic Exit Device-Component Approval

APPROVAL DOCUMENT: Drawing No. **A100-INS Rev A**, Sheets 1 through 2 of 2, titled "ARM-A-DOR Panic Device," prepared by manufacturer, dated 03/09/99 and last revised on Jan 26, 2012, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control 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

Limitation:

1. Max Design Pressure = +/- **85 PSF**, Single Steel Door application (48" x 86" max panel, Door under separate approval)
2. Electrical installation (under separate approval) and egress requirement to be reviewed by appropriate Building official, having jurisdiction.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 & renews** NOA # **07-1219.12** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



1/31/12

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file # 07-1219.12)

1. Manufacturer's die drawings and sections.
2. Drawing No. **A100-INS Rev A**, Sheets 1 through 2 of 2, titled "ARM-A-DOR Panic Device," prepared by manufacturer, dated 03/09/99 and last revised on Jan 26, 2012, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

Note: This revision & renewal consists of FBC 2010 only.

B. TESTS (transferred from file # 07-1219.12)

1. Test reports on
 - 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Water infiltration test per FBC, TAS 202-94 (Not performed)
 - 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 202-94

Along with installation diagrams of a Panic exit devices, prepared by Hurricane Testing Laboratory, Test Report No(s). T116-0601-07, dated 06/27/07, signed and sealed by Vinu J. Abraham, P.E.

2. Test reports : Tests conducted under SFBC protocols PA 201, 202 & 202-94, now termed as FBC, TAS 201, 202, 203-94
 - 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 and TAS 202-94

Along with installation diagrams of a Panic exit devices, prepared by Hurricane Testing Laboratory, Test Report No(s). **HTL 96097(HTL-0116-1205-96)**, dated 12/10/96, signed and sealed by Timothy S. Marshall, P.E.

C. CALCULATIONS

1. Statement letter of compliance to FBC 2007 & FBC 2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated NOV 14, 2011, signed and sealed by Warren W. Schaefer, P.E.
2. Structural calculation of door components performed by W. W. Schaefer Engineering & Consulting, P.A., dated 1/27/97, signed and sealed by Warren W. Schaefer, P.E. (transferred from files # 07-1219.12 / 07-0618.20)

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

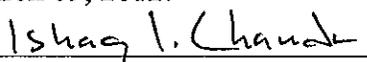
1. None

F. STATEMENTS

1. Statement letter of conformance to FBC 2010 & "No financial interest, both dated NOV 02, 2011, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Lab compliance statements as a part of the above test reports.

G. OTHER

1. This NOA **renews** NOA # **07-1219.12**, expiring on March 09, 2012.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 11-1116.02
Expiration Date: March 09, 2017
Approval Date: February 02, 2012

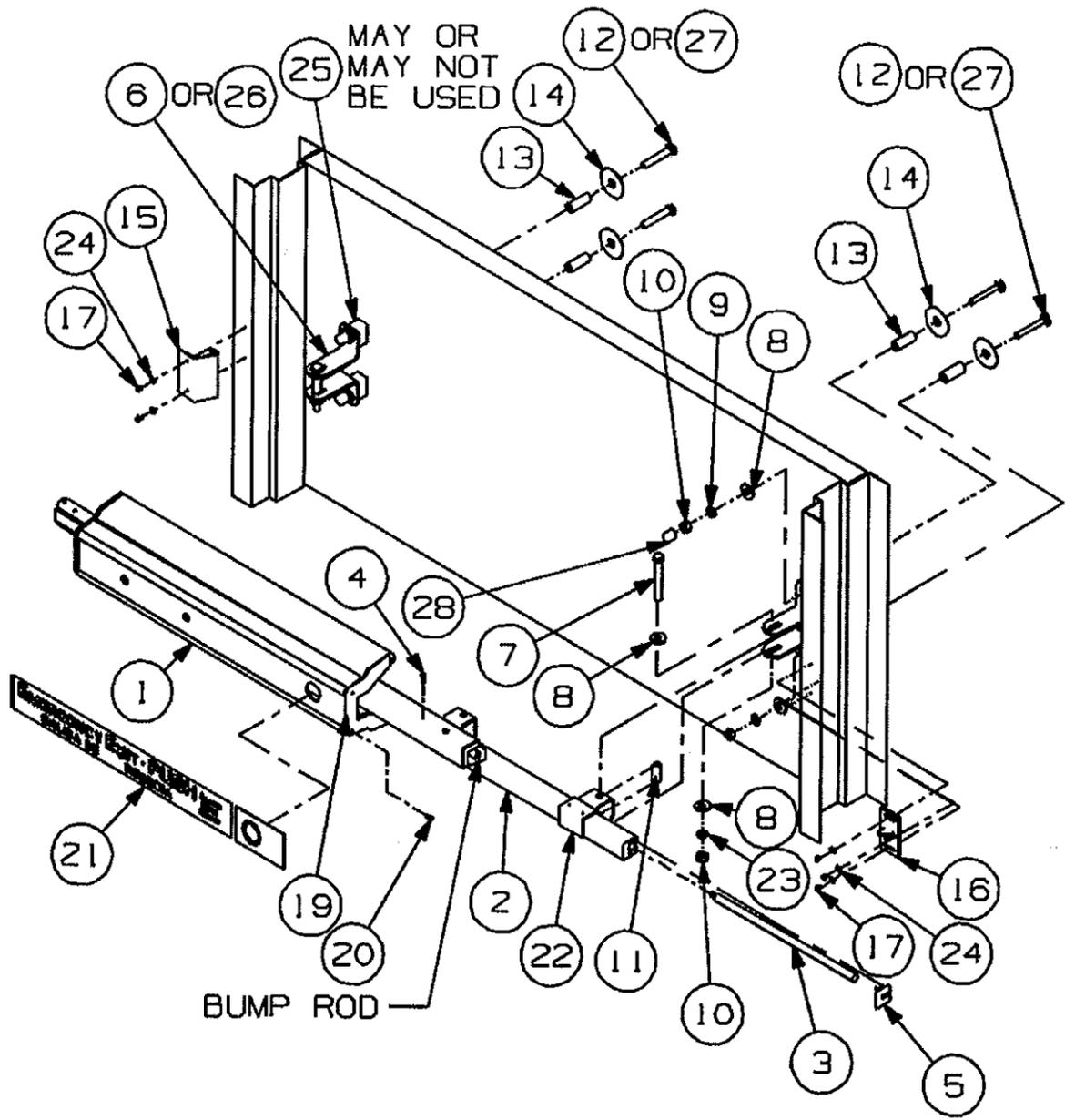
Rev	Rev	Date	Drawn	Check	App.
A	12854	NEW DRAWING	3-9-99	GL	

ITEM	QTY	DESCRIPTION
NA	2	9-VOLT ALKALINE BATTERY
1	1	LOCK ASSEMBLY
2	1	TAILPIECE
3	1	EXTENSION ROD (AUTO UNITS ONLY)
4	8	THREAD-FORMING SCREW (#6-3/8" LG)
5	1	END CAP (FOR TAILPIECE)
6	4	DOOR BRACKET (3 1/2" X 2")
7	2	HEX HEAD BOLT (3/8" X 2 1/2" LG)
8	8	FLAT WASHER (3/8")
9	4	STAR LOCK WASHER (3/8")
10	6	HEX NUT (3/8"-16)
11	2	SUPPORT SLEEVE (1 1/4" LG)
12	4	CARRIAGE BOLT (3/8" X 2 1/2" LG)
13	4	SUPPORT TUBE (1 5/8" LG)
14	4	BOLT WASHER
15	1	STRIKE PLATE
16	1	RELEASE BRACKET (AUTO UNITS ONLY)
17	5	SELF-TAPPING SCREW (#10 X 3/4" LG)
NA	1	DRILL TEMPLATE
19	2	END CAP (FOR PUSH BAR)
20	8	SCREW (#6 X 3/4" LG)
21	1	EMERGENCY LABEL
22	1	EXTENSION COLLAR
23	2	SPLIT LOCK WASHER (3/8")
24	5	STAR LOCK WASHER (#10)
25	4	DOOR SPACER
26	4	DOOR BRACKET (1 1/2" X 2")
27	4	CARRIAGE BOLT (3/8" X 3 1/2" LG)
28	4	CAP (GRAY)

A100-INS
SK-6354-A

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 11-1116-02
Expiration Date 10/20/09, 2017
Warren W. Schaefer
Professional Engineer

W.W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA #6809)
7480 150th COURT NORTH
PALM BEACH GARDENS, FL 33418



MODEL NUMBER	DESCRIPTION
A101-001	AUTOMATIC LOCK ASSEMBLY
A102-001	MANUAL LOCK ASSEMBLY
A101-002	AUTOMATIC LOCK ASSEMBLY WITH ALARM
A102-002	MANUAL LOCK ASSEMBLY WITH ALARM

CRITICAL TO QUALITY SYMBOLS	
(E)	ENGINEERING CRITICAL FOR COMPONENT FUNCTION
(E-)	ENGINEERING CRITICAL (AQL ONLY)
(P)	PROCESS CRITICAL FOR MANUFACTURE OR ASSEMBLY
(P-)	PROCESS CRITICAL (AQL ONLY)
(Q)	CRITICAL TO QUALITY

SARGENT AND GREENLEAF
1 SECURITY DRIVE,
SARGENT AND GREENLEAF NICHOLASVILLE, KY 40356

Tolerances
Unless Otherwise Specified:
FLATNESS WITHIN .005 PER INCH
CONCENTRICITY WITHIN .005 T.I.R.
BREAK ALL CORNERS .010
ANGLES ± 0° 30"
DECIMAL .X ± .020, ± .50 MM
.XX ± .010, ± .25 MM
.XXX ± .005, ± .13 MM

Do Not Scale Drawing
DIMENSIONS GIVEN ABOUT CENTERLINE
TO BE SYMMETRICAL WITHIN TOLERANCE.
Inch
Millimeter Inch/Millimeter

Material
SEE CHART
Drawn
GL
Date
3-9-99
Scale

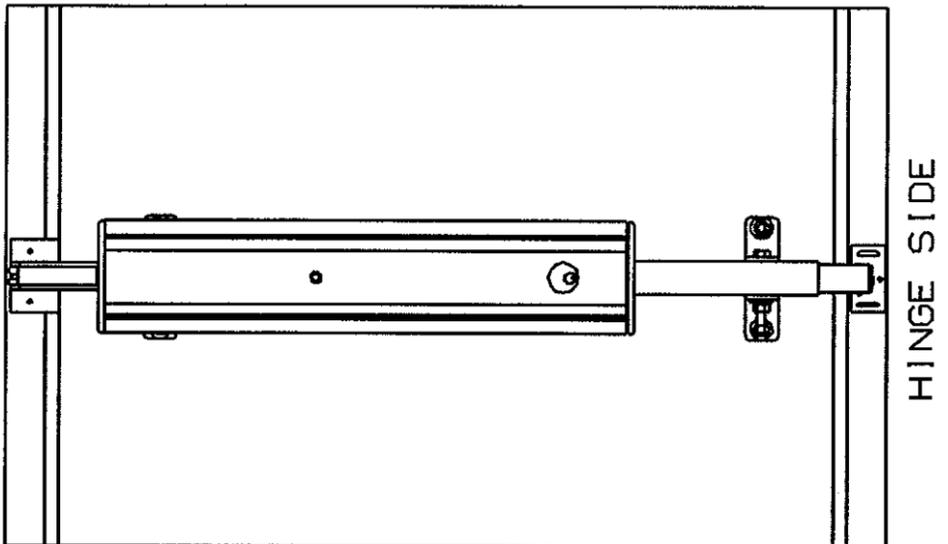
Checked
Eng
Approved

Part Name
ARM-A-DOR PANIC DEVICE
INSTALLATION DRAWING
Part Number
A100-INS
Sheet 1 of 2

Sym	ECO	Revision	Date	Drawn	Check	App.
--	-----	SEE SHEET 1 OF 2	3-10-99	GL		

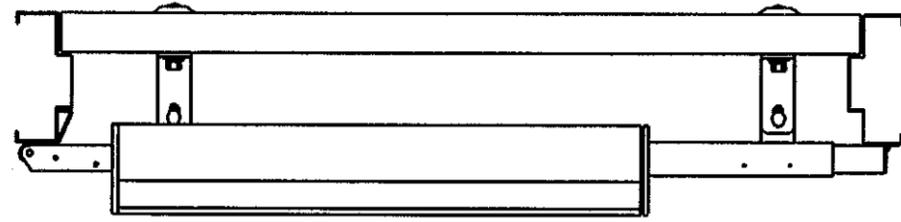
A100-INS

36.00 WIDTH UNIT SHOWN



HINGE SIDE

36.00 WIDTH UNIT SHOWN

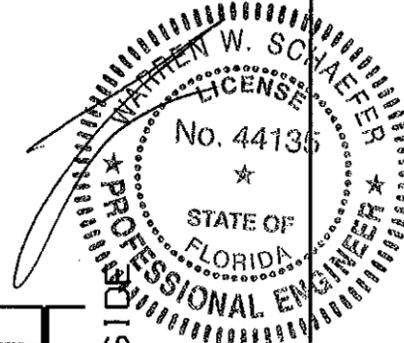


HINGE SIDE

W.W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA #6809)
7480 150th COURT NORTH
PALM BEACH GARDENS, FL 33418

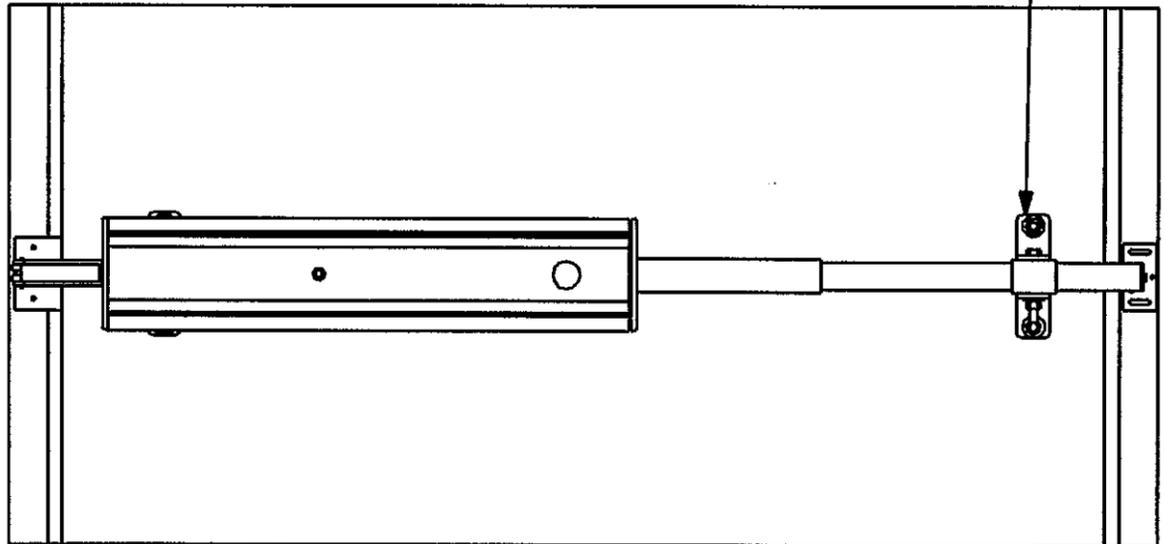
PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 11-1116-02
Expiration Date MAR 29, 2017
James T. Chanda

JAN 26 2012



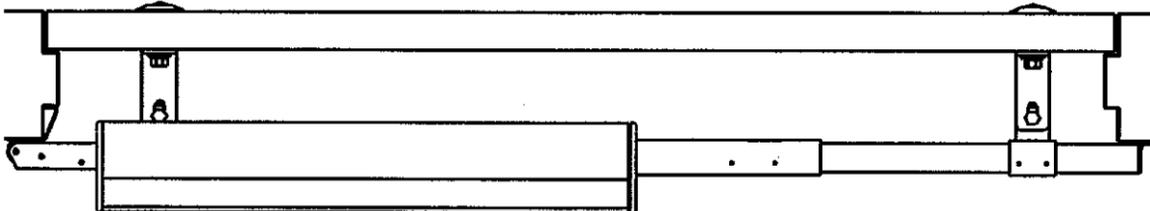
FOR DOOR JAMB WIDTH ABOVE 40.00, USE EXTENSION COLLAR AS SHOWN

48.00 WIDTH UNIT SHOWN



HINGE SIDE

48.00 WIDTH UNIT SHOWN



HINGE SIDE

CROSS SECTION (TOP) VIEW

ELEVATION (FRONT) VIEW

Sargent & Greenleaf, Inc.
1 Security Drive, Nicholasville, Kentucky 40358

Tolerances Unless Otherwise Specified: FLATNESS WITHIN .005 PER INCH CONCENTRICITY WITHIN .005 T.I.R. BREAK ALL CORNERS .010 ANGLES ± 0° 30" DECIMAL .X ± .020, ± .50 MM .XX ± .010, ± .25 MM .XXX ± .005, ± .13 MM	Do Not Scale Drawing DIMENSIONS GIVEN ABOUT CENTERLINE TO BE SYMMETRICAL WITHIN TOLERANCE.	Material			Part Name ARM-A-DOR PANIC DEVICE INSTALLATION DRAWING	
		Inch Millimeter	Drawn GL Checked	Date 3-10-99 Eng	Scale ----- Approved	Part Number A100-INS
					Sheet 2 of 2	