

NOTICE OF ACCEPTANCE (NOA)www.miamidade.gov/building/home/asp**Dorma Door Control, Inc.**
1003 West Broadway
Steelville, IL 62288**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 BNC -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. BNC 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: "9800" series Surface Vertical Rod (SVR) Panic Exit Devices- Component Approval

APPROVAL DOCUMENT: Drawing No. **9800-1 DADE**, titled "Dorma 9800/F9800 Narrow Stiles Surface Vertical Rod", sheets 1 through 2 of 2, prepared by Certworks, LLC, dated 08/01/11, signed and sealed by Alex Spyrou, 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**Limitation:**

1. The SVR Panic Exit Devices to be used in approved impacted outswing 16 ga Steel single or double doors with impacted glazing kit (w/ 16 ga steel channel perimeter reinforced). Lower design of door, glazing kit or this SVR component NOA(s) shall control.
2. Electrical devices, fire rating & egress requirements are not part of the review and such application to be reviewed and approved by AHJ (Authority 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 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.**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts drawings and sections
2. Drawing No. **9800-1 DADE**, titled "Dorma 9800/F9800 Narrow Stiles Surface Vertical Rod", sheets 1 through 2 of 2, prepared by Certworks, LLC, dated 08/01/11, signed and sealed by Alex Spyrou, P.E.

B. TESTS

1. Test reports on
1) Air Infiltration Test, per FBC, TAS 202-94(Not Performed)
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94 (Not Performed)
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Dorma's series 9800 SVR panic devices in the double outswing steel doors w/ reinforced glazing kit, prepared by Intertek, Testing Lab, Test Report No. **G100140216MID-001B**, dated Jan 04, 2011, signed and sealed by Rick Curkee, P.E.(Note: This test report has been revised by addendum letters dated June 17, 2011, issued by Intertek Testing Lab, Inc, signed & sealed by Rick Curkee, P.E.)

C. CALCULATIONS

1. None (N/A)

D. QUALITY ASSURANCE

1. Miami Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1. Letter of conformance to FBC 2007 & "No financial interest" dated FEB 24, 2011, prepared by Certworks, LLC, signed and sealed by Alex Spyrou, P. E.
2. Statement letter of lab compliance, as part of above referenced test reports.
3. Merger agreement between Dorma Door Control Inc. and Dorma Steelville, Inc. dated Feb 28, 2003, both signed by Paul T. Kosakowski, president.

G. OTHER

1. None.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 11-0321.05
Expiration Date: August 18, 2016
Approval Date: August 18, 2011

DORMA 9800/F9800 Surface Vertical Rod Exit Device

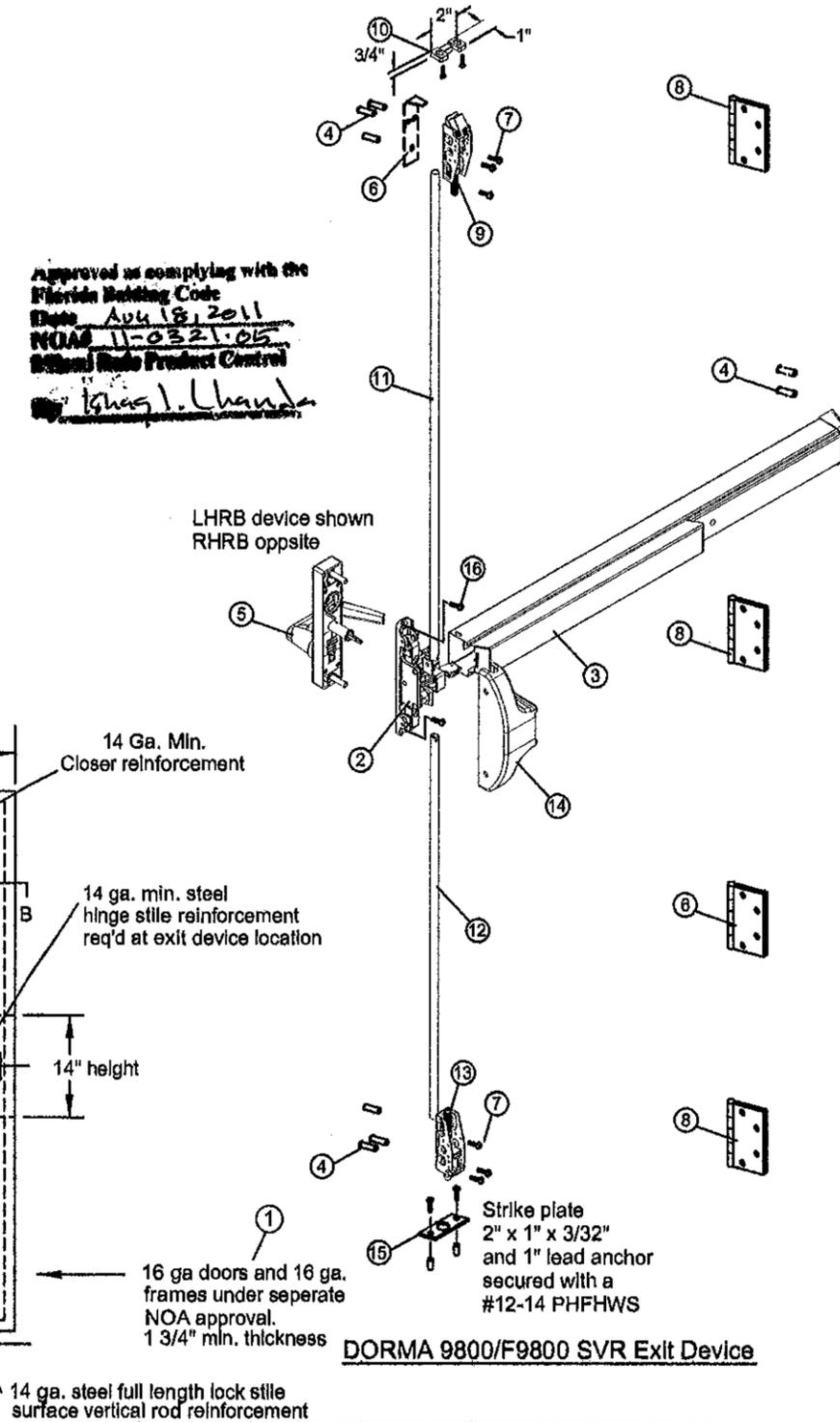
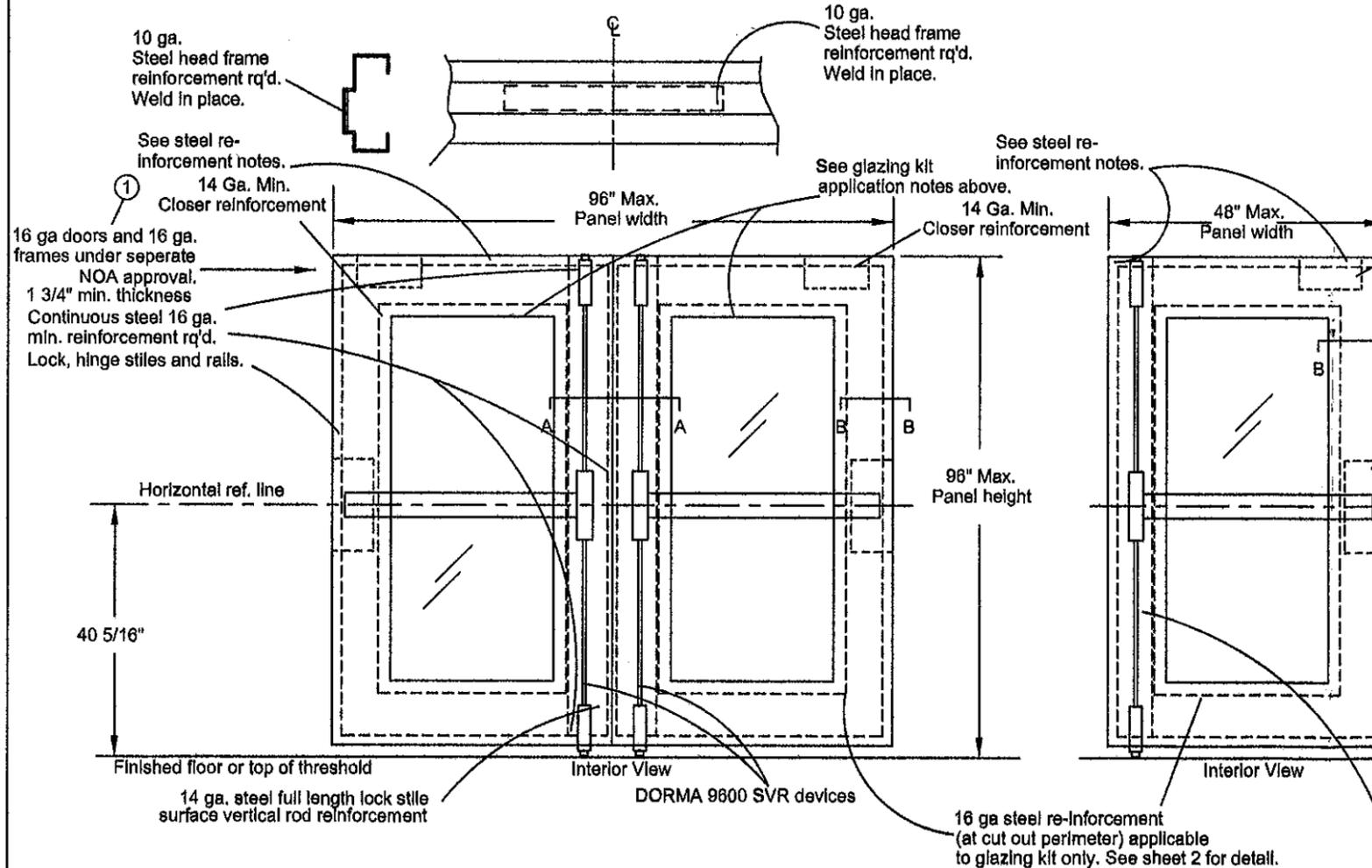
Bill of material per device			
Item	Description	Pt. No.	Qty.
1	Approved door and frame	Under sep. NOA.	2
2	DORMA 9800 Chassis	Aluminum	1
3	Touch bar and rail assy.		1
4	Thru bolts		8
5	Outside trim assembly	See notes;	1
6	Strike angle	Stainless steel	1
7	12-24 x 3/4" PHRHMS	Steel	8
8	Hinges	Part of sep. NOA.	4
9	Top latch assembly	Steel	1
10	#426 Strike pack	Malleable iron	1
11	Top connecting rod	1/2" O.D. Tubing	1
12	Bottom connecting rod	1/2" O.D. Tubing	1
13	Bottom slide bolt assy.	Steel	1
14	Chassis cover		1
15	#340 bottom strike pack	Steel	1
16	12-24 x 1 1/2" FHPHMS		2
17	Core complying with FBC	Part of sep. NOA	-

DORMA 9800/F9800 Narrow Stile Surface Vertical Rod Application
On Impact Full Glazed Outswing Single And Pair Steel Doors Having Current NOA or Current HVHZ Florida State Approval

DORMA 9800/F9800 SVR Exit Device
Design pressure for single or pairs.
70 PSF Positive
70 PSF Negative

NOTE: Impacted glass kit, having current component NOA or impacted glazed steel door, having current NOA are under separate approval. Lower design pressure of glazed kit NOA, door NOA or this device NOA shall control as final Design Pressure application.

DORMA 9800/F9800 Surface vertical rod x DORMA 9800/F9800 Surface vertical rod
 Double door installation 96" x 96" Maximum door opening



Approved as complying with the Florida Building Code
 Date: Apr 18, 2011
 NOA: 11-0321.05
 Alex S. Spyrdu
 State Product Control

GENERAL NOTES

- Limitations:
 1. Each device is approved to be used as an equal alternate in applicable 16 ga. (0.053" min.) frame and out swing 16 ga. (0.053" min.) commercial steel door holding a current NOA. Lowest design pressure rating applies.
 2. Device shall be installed on a approved 16 ga. (.053) commercial approved core filled steel door no larger than shown on this drawing set.
 3. Steel reinforcement (by door mfg. required as indicated on the detail drawing in this set.)
 4. Electrical devices are not part of this approval and must be reviewed by authority having jurisdiction in the area. (AHJ)
- Certifications:
 Underwriter's Laboratories - UL10C, UBC7-2 (1997)
 ANSI/BHMA A156.3 Grade 1 Exit device
 3/4" latch bolt throw top and bottom.
 Frame - Steel 16 ga. (0.053" min.)
 Hinge reinforcements of 9 ga. (0.132" min) steel at ea. hinge location
 Header reinforced by 10 ga. (0.132" min.) steel bar.
 Door - Steel 16 ga. (0.053" min.). Lock and Hinge stiles and top and bottom rails reinforced with full length 16 ga. (0.053" min.) steel channel.
 Cut out reinforcement of 16 ga. (0.053" min.) steel channel applicable to glazing kit only.
 Lock stiles reinforced by 14 ga. (0.071" min.) full length steel hardware reinforcement.
 Hinge Stilas reinforced by exit device reinforcement of 14 ga. (0.071" min.) at ea. location on hinge stiles.
 Closer reinforcement of 14 ga. (0.071" min.) steel at ea. closer hardware location as required.
 Hinge reinforcements of 9 ga. (0.132" min) steel at ea. hinge location
- Strikes, hinges, and header re-inforcement as required on detail drawing.
 All reinforcements to be spot welded or better by door manufacturer.
 All dimensions in accordance with the manufacturer's standard installation instructions for Model DORMA 9800 surface vertical rod panic device.
 Outside trim may be one of following models: ZODT, ZP25, ZP02, ZP03/04, ZP11/12, ZK08/09, ZR23, ZT23, ZC23, ZG23, ZR08/09, ZT08/09, ZC08/09, OR ZG08/09.
 Thru bolts must be used on all installations as shown. Inter-locking strike angle must be installed on all top latches as shown.
 Bill of material for DORMA 9800 x DORMA 9800 only.

Certworks, LLC.
 A Division of Building Drops
 127 W. Fairbanks Ave.
 Winter Park, FL 32789
 FBPE Cert. of Authorization No. 28520
 Alex S. Spyrdu
 Florida PE No. 68101

DESCRIPTION: DORMA 9800/F9800 SVR Exit device on 16ga full glass doors.
SCALE: None
DRAWN BY: TA
DATE: 11/21/2010

DORMA
 DORMA Door Controls, Inc.
 1003 W. BROADWAY
 STEELEVILLE, ILLINOIS 62288

Corrected per Dade	2	TA	7-21-11
Add notes	2	TA	6-1-11
Add notes	1	TA	2-1-11
REVISIONS			
NO.	BY	DATE	
Sheet 1 of 2			
DWG. NO.			9800-1 DADE

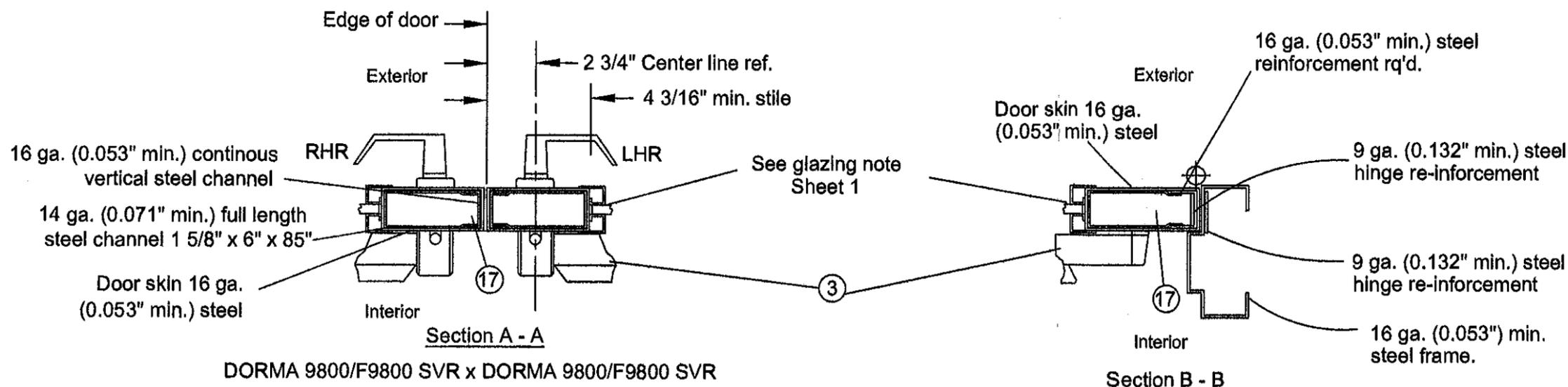
DORMA 9800/F9800 Narrow Stile Surface Vertical Rod Application
 On Impact Full Glazed Outswing Single And Pair Steel Doors Having Current NOA or Current HVHZ Florida State Approval

GENERAL NOTES

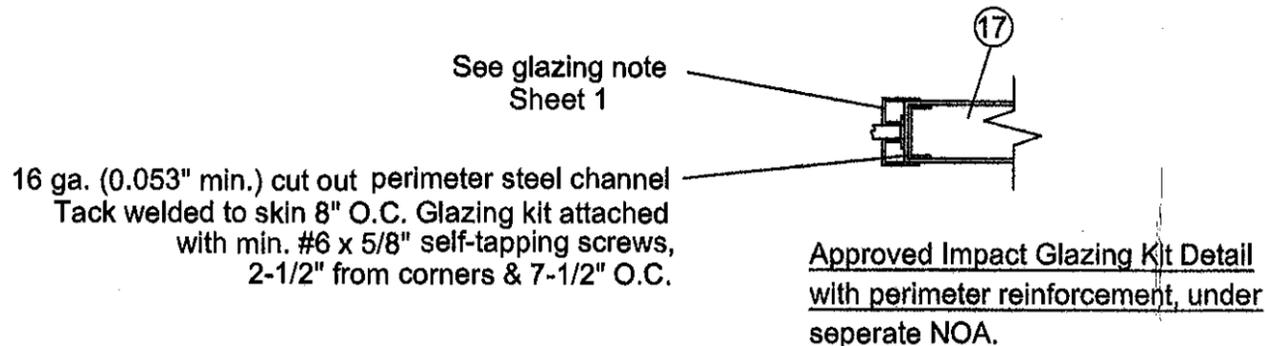
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Certifications:
 Underwriter's Laboratories - UL10C, UBC7-2 (1997)
 ANSI/BHMA A156.3 Grade 1 Exit device
 3/4" latch bolt throw top and bottom.
 Frame - Steel 16 ga. (0.053" min.)
 Hinge reinforcements of 9 ga. (0.132" min) steel at ea. hinge location
 Header reinforced by 10 ga. (0.132" min.) steel bar.
 Door - Steel 16 ga. (0.053" min.). Lock and Hinge stiles and top and bottom rails reinforced with full length 16 ga. (0.053" min.) steel channel.
 Cut out reinforcement of 16 ga. (0.053" min.) steel channel applicable to glazing kit only.
 Lock stiles reinforced by 14 ga. (0.071" min.) full length steel hardware reinforcement.
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 Closer reinforcement of 14 ga. (0.071" min.) steel at ea. closer hardware location as required.
 Hinge reinforcements of 9 ga. (0.132" min) steel at ea. hinge location

Strikes, hinges, and header re-inforcement as required on detail drawing.
 All reinforcements to be spot welded or better by door manufacturer.
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 Thru bolts must be used on all installations as shown. Inter-locking strike angle must be installed on all top latches as shown.
 Bill of material for DORMA 9800 x DORMA 9800 only.



DORMA 9800/F9800 SVR x DORMA 9800/F9800 SVR



Approved as complying with the
 Florida Building Code
 Date: AUG 18, 2011
 NOA# 11-0521-015
 Miami State Product Control
Isling L. U...

Certworks, LLC.
 A Division of Building Drops
 127 W. Fairbanks Ave.
 Winter Park, FL 32789
 FBPE Cert. of Authorization No. 28520
 Alexia Spyrou
 Florida PE No. 68101

DESCRIPTION: DORMA 9800 SVR Exit Device on 16 ga. full glass doors.		 DORMA Door Controls, Inc. 1003 W. BROADWAY STEELEVILLE, ILLINOIS 62288	Corrected per Dade	3	TA	7-21-11
			Add notes	2	TA	6-1-11
		Add notes	1	TA	2-1-11	
		REVISIONS	NO.	BY	DATE	
SCALE: None		DRAWN BY: TA	DATE: 11/21/2010	CHKD BY: DC	DATE: 2/1/11	
		Sheet 2 of 2		DWG. NO. 9800-1 DADE		