MIAMI-DADE COUNTY

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
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Dorma Architectural Hardware
1003 West Broadway
Steeleville, 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 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: Dorma's Series "8000" panic exit devices-Component Approval

APPROVAL DOCUMENT: Drawing No.**8000DADE,** titled "8300 Rim or 8400/8400 Series Surface vertical Rod", sheets 1 through 2 of 2, dated 09/04/2001 and last revised on 29 December, 2006, prepared by H. R. Engineering Inc., signed and sealed by Allen N. Reeves, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation: 1. Electrical devices are not part of this approval and must be reviewed by appropriate Authority. 2. This device is approved as an alternate to corresponding locks of outswing commercial Steel door, having current NOA (w/ applicable steel reinforcements at lock, astragal & hinge stiles), with door panel no wider and higher than this approved drawings. The Lower Design Pressure Rating shall control.

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 **revises # 01-0423.01** consists of this page 1 and evidence page E-1 & E-2, as well as approval document mentioned above.

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

PRODUCT CONTROL ACCEPTED

1/9/7

Dorma Architectural Hardware

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings (transferred from file **# 03-0911.04**)
2. Drawing No.**8000DADE,** titled "8300 Rim or 8400/8400 Series Surface vertical Rod", sheets 1 through 2 of 2, dated 09/04/2001 and last revised on 29 December, 2006, prepared by H. R. Engineering Inc., signed and sealed by Allen N. Reeves, P.E.

B. TESTS (transferred from file **# 01-0423.01**) Original test conducted per SFBC, PA 201, PA 202 and PA 203-94 now known as FBC, TAS 201, TAS 202 and TAS 203-94.

1. Test Report No. **ATI-0137581.01, ATI-0137581.02** and **ATI-0137581.04**, prepared by Architectural Testing Laboratory, tested on March 15 &16, 2001, signed and sealed by Allen N. Reeves, P.E., for the following tests:
   1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) No Water Resistance Test performed.
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94 (9,002 cycles)
   6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

   Along with manufacturer's parts and section drawings marked by Architectural Testing Laboratory.
2. Addendum letter dated 08 October, 2001 for test reports **ATI-0137581.01, 02, 03** and **04,** issued by Architectural Testing Laboratory, signed and sealed by Allen N. Reeves, P.E.

C. CALCULATIONS: (transferred from file **# 01-0423.01**)

1. Engineering evaluation of exit device series comparison provided by Dorma Inc.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (transferred from file **# 01-0423.01**)

1. Letter of conformance & "No financial interest" dated December 28, 2006, issued by H. R. Engineering Inc., signed and sealed by Allen N. Reeves, P.E.
2. Letter dated December 29, 2006 by Allen N. Reeves, P.E., H. R. Engineering Inc. of "No financial interest" to Architectural Testing Laboratory Inc and clarifying employment period.
3. Statement letter of Lab compliance, part of test report, Architectural Testing Laboratory Inc.
4. Addendum letter dated 08 October, 2001 for test reports **ATI-0137581.01, 02, 03** and **04,** issued by Architectural Testing Laboratory, signed and sealed by Allen N. Reeves, P.E.
5. Letter dated Aug. 17, 2006, issued by Dorma Architectural Hardware that product has not changed from approval **# 01-0423.01.**

G. OTHER: (transferred from file **# 01-0423.01**)

1. This NOA **renews** NOA # **01-0423.01**, expiring January 03, 2007.
2. Test Proposal **00-0029** dated March 07, 2000 approved by BCCO.
3. Dorma's panic exit device technical publications and catalogs.
4. Clarification letter dated December 29, 2006 by Allen N. Reeves, P.E., H. R. Engineering Inc. of "No financial interest" to Architectural Testing Laboratory Inc.

Ishaq I. Chanda

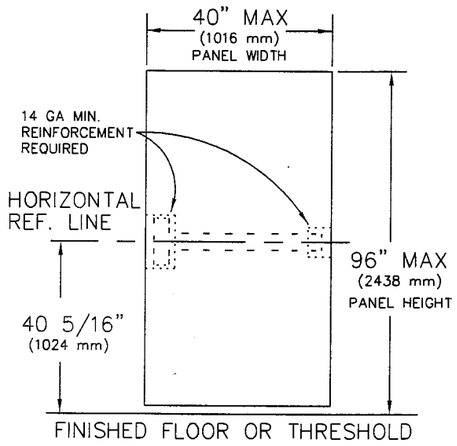
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-0912.04
Expiration Date: January 03, 2012
Approval Date: February 01, 2007

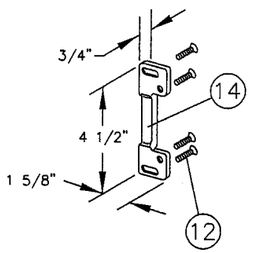
8300 SERIES RIM DEVICE INSTALLATION FOR HURRICANE CODE

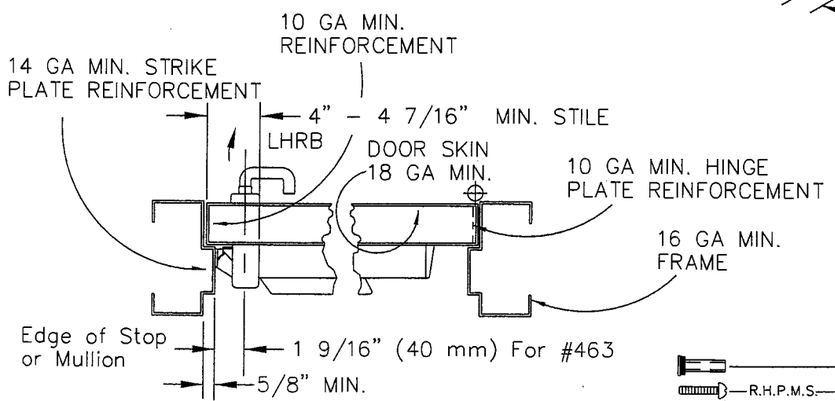
TYPICAL SINGLE DOOR APPLICATION
LEFT HAND REVERSE BEVEL DOOR SHOWN
RIGHT HAND REVERSE BEVEL DOOR WOULD BE OPPOSITE

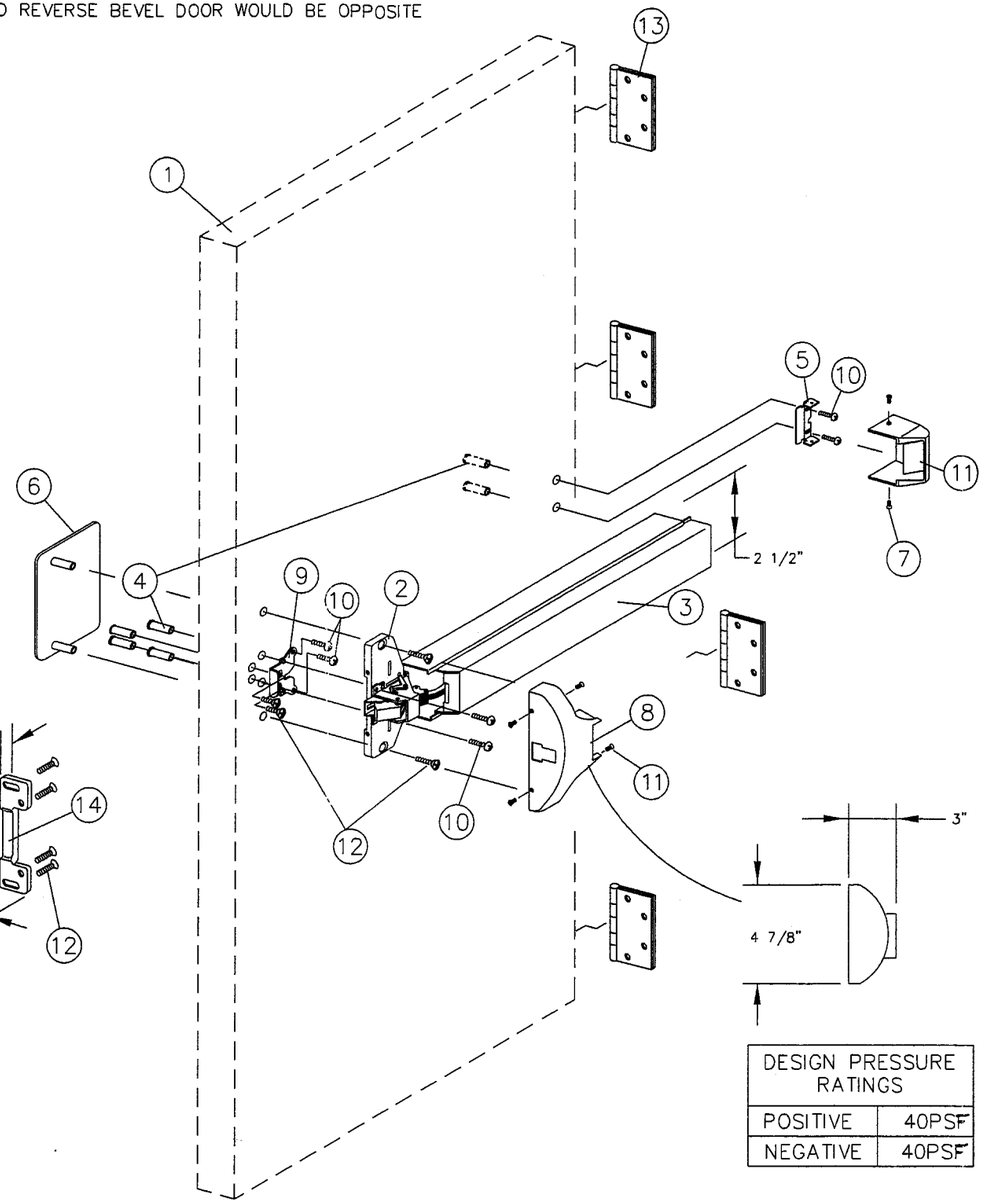
BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	CERTIFIED DOOR & FRAME		1
2	8300 CHASSIS ASSY.	SEE NOTES	1
3	TOUCHBAR/RAIL ASSY.		1
4	THRU BOLTS		6
5	ENDCAP BRACKET		1
6	OUTSIDE TRIM		1
7	ENDCAP		1
8	CHASSIS COVER		1
9	STRIKE ANGLE		1
10	12-24 R.H.P.M.S.		6
11	8-32 T.H.P.M.S.		6
12	12-24 F.H.P.M.S.		8
13	HINGES		4
14	#463 STRIKE	SEE NOTES	1

CHASSIS ASSEMBLY MATERIAL: STEEL, BOLT 304 STAINLESS
STRIKE MATERIAL: 701 SANDCAST MALLEABLE IRON FERRATIC GRADE 32510









DESIGN PRESSURE RATINGS	
POSITIVE	40PSF
NEGATIVE	40PSF

Thru Bolt
R.H.P.M.S.—Round Head Phillips Machine Screw
F.H.P.M.S.—Flat Head Phillips Machine Screw
O.H.P.M.S.—Oval Head Phillips Machine Screw
F.H.P.U.C.M.S.—Flat Head Phillips Undercut Machine Screw
T.H.P.U.C.M.S.—Flat Head Phillips Undercut Machine Screw

GENERAL NOTES

Certification:
Underwriter's Laboratories – UL10C,
UBC 7-2 (1997)
ANSI/BHMA A156.3 Grade 1 Exit Device

3/4" Minimum latchbolt throw

All reinforcements to to spot welded or better by door manufacturer.

All dimensions in accordance with manufacturer's standard installation instructions.

Exit device Model 8300 Series Rim Outside trim may be one of the following designations:
80DT. 8PDT, 80DTP, 8003, 8P03
8003P, K03, R03, C03, K08, R08, C08, K23, R23, OR C23

Thru bolts must be used on all installations as shown.
Interlocking strike angle must be installed on all installations as shown.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 06-091204
Expiration Date JAN03,2012
By Shaq J. Lynda
Miami-Dade Product Control Division

ALLEN N. REEVES, P.E.
FLORIDA LICENSE NO. 19354
Allen N. Reeves
29 DECEMBER 2006

Revised Print	1	TA	9-1-01
REVISIONS	NO.	BY	DATE

DWG. 1 OF 2
DWG. NO. 8000DADE

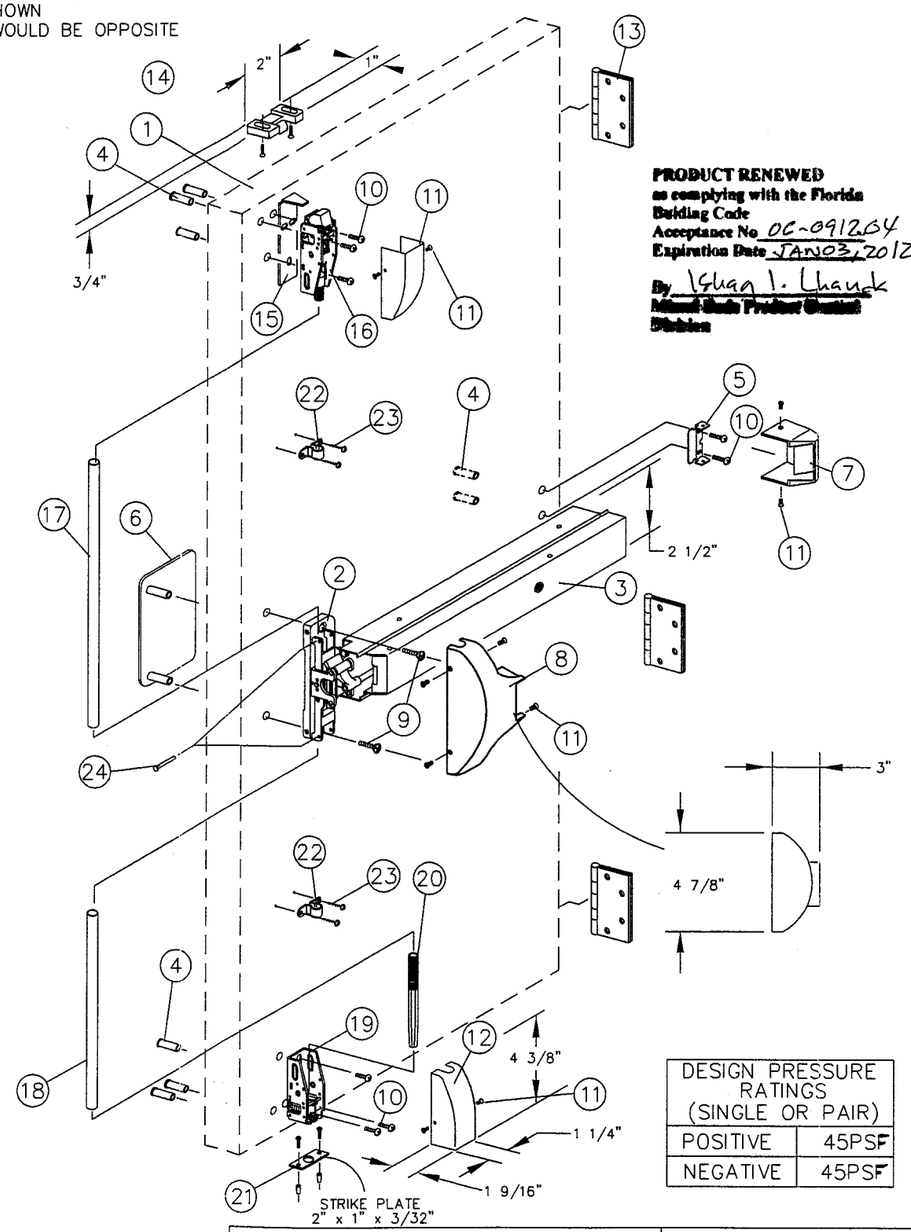
DESCRIPTION: 8300 RIM SERIES SINGLE DOOR (DADE)			
MATERIAL:			
COIL WIDTH:	TOLERANCE: UNLESS NOTED OTHERWISE		
PROGRESSION:	DECIMALS .XXX----±.005		
WEIGHT:	DECIMALS .XX-----±.010		
FINISH:	FRACTIONS-------±1/64		
SCALE: NONE	DRAWN BY: T.A.	DATE: 12-19-00	
CHKD BY:	DATE:		

DORMA
DORMA DOOR CONTROLS INC
1003 W. BROADWAY
STEELEVILLE, ILLINOIS 62288

8400 OR 8400/8400 SERIES SURFACE VERTICAL ROD INSTALLATION
SINGLE OR PAIR APPLICAITON FOR HURRICANE CODE

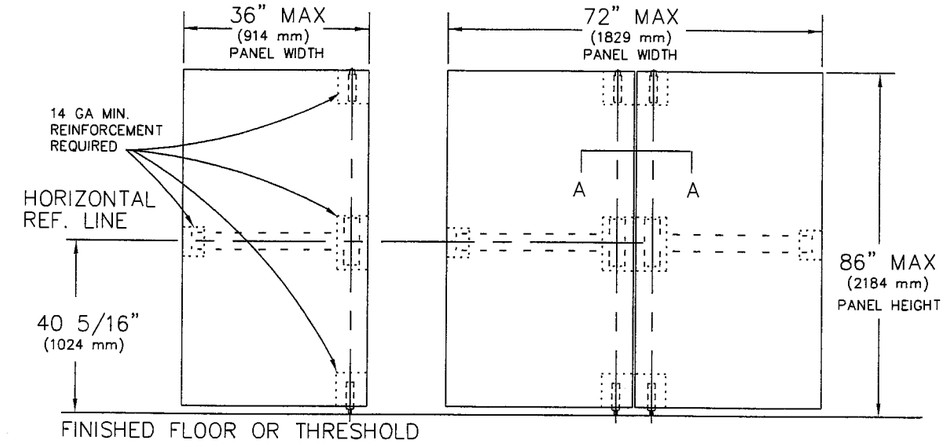
BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	CERTIFIED DOOR & FRAME		1
2	8400 CHASSIS ASSY.	STEEL	1
3	TOUCHBAR/RAIL ASSY.		1
4	THRU BOLTS		8
5	ENDCAP BRACKET		1
6	OUTSIDE TRIM		1
7	ENDCAP		1
8	CHASSIS COVER		1
9	12-24 F.H.P.M.S.		2
10	12-24 R.H.P.M.S.		8
11	8-32 T.H.P.M.S.		10
12	LATCH COVER		2
13	HINGES		3
14	#426 STRIKE PACK	SANDCAST GRAY IRON CLASS 20	1
15	STRIKE ANGLE	STAINLESS STEEL	1
16	TOP LATCH ASSEMBLY	STEEL	1
17	TOP CONNECTING ROD	1/2" O.D. STAINLESS TUBING	1
18	BOTTOM CONNECTING ROD	1/2" O.D. STAINLESS TUBING	1
19	BOTTOM LATCH BRACKET	STEEL	1
20	SLIDE BOLT ASSEMBLY	STEEL	1
21	#340 STRIKE PACK	STEEL	1
22	ROD GUIDE ASSEMBLY		2
23	#8 x 1" R.H.P.T.S.		4
24	ROD PIN		2

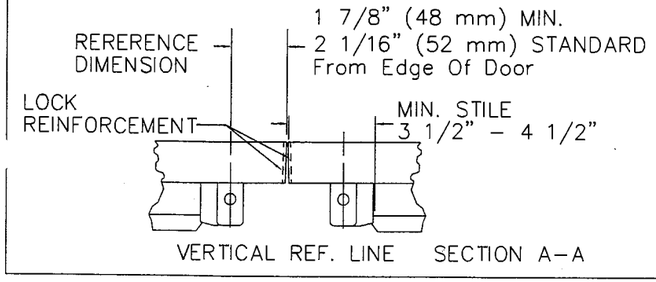
TYPICAL SURFACE VERTICAL ROD INSTALLATION
LEFT HAND REVERSE BEVEL DOOR SHOWN
RIGHT HAND REVERSE BEVEL DOOR WOULD BE OPPOSITE



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0912.04
Expiration Date JAN03, 2012
By Ishaq I. Lhauk
Miami-Dade Product Control
Division

DESIGN PRESSURE RATINGS (SINGLE OR PAIR)	
POSITIVE	45PSF
NEGATIVE	45PSF





- Thru Bolt
- R.H.P.M.S.—Round Head Phillips Machine Screw
- F.H.P.M.S.—Flat Head Phillips Machine Screw
- O.H.P.M.S.—Oval Head Phillips Machine Screw
- F.H.P.U.C.M.S.—Flat Head Phillips Undercut Machine Screw
- T.H.P.U.C.M.S.—Flat Head Phillips Undercut Machine Screw

GENERAL NOTES

Certification:
Underwriter's Laboratories – UL10C, UBC 7-2 (1997)
ANSI/BHMA A156.3 Grade 1 Exit Device
3/4" Minimum latchbolt throw
Frame 16 GA minimum.
Strike, hinge & header 16 GA minimum reinforcement.
Door 18 GA minimum.
Lock stile, hinge stile, panic reinforcement box 14 GA minimum.
All reinforcements to to spot welded or better by door manufacturer.
All dimensions in accordance with manufacturer's standard installation instructions.

Exit device Model 8400 Series Surface Vertical Rod.
Outside trim may be one of the following designations:
80DT, 8PDT, 80DTP, 8003, 8P03 8003P, K03, R03, C03, K08, R08, C08, K23, R23, OR C23.

Thru bolts must be used on all installations as shown.
Interlocking strike angle must be installed on all installations as shown.
Bill of materials is for one door.
All quantities will double when used as a pair.

ALLEN N. REEVES, P.E.
FLORIDA LICENSE NO. 19354
Allen N. Reeves
29 DECEMBER 2006

Revised Print	1	TA	9-4-01
REVISIONS	NO.	BY	DATE

DWG. 2 OF 2
DWG. NO. 8000DADE

DESCRIPTION: 8400 SERIES SINGLE OR PAIR SVR
MATERIAL:
COIL WIDTH:
PROGRESSION:
WEIGHT:
FINISH:
SCALE: NONE | DRAWN BY: T.A. | DATE: 12-20-00 | CHKD BY: | DATE:

TOLERANCE — UNLESS NOTED OTHERWISE
DECIMALS .XXX----±.005
DECIMALS .XX-----±.010
FRACTIONS-------±1/64
ANGLES---------±2°

DORMA
DORMA DOOR CONTROLS INC
1003 W. BROADWAY
STEELEVILLE, ILLINOIS 62288