



**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)

**Cornell Iron Works, Inc.
100 Elmwood Ave.
Mountaintop, PA 18707**

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: 14' Rolling Steel Door

APPROVAL DOCUMENT: Drawing No. 1-01-10-12, dated 07/26/96, with last revision on 07/02/03, titled "DADE COUNTY DOORS 138 PSF, 14' WIDE", sheets 1 through 2, prepared by Cornell Iron Works, Inc, signed and sealed by J. H. Dixon Jr PE, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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 NOA # 02-1231.04 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font PE.**


06/10/04



**NOA No 03-0724.02
Expiration Date: February 20, 2008
Approval Date: June 10, 2004
Page 1**

Cornell Iron Works Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A DRAWING:

1. Drawing No. 1-01-10-12, titled "DADE COUNTY DOORS 138 PSF, 14' WIDE", sheet 1 through 2 of 2, prepared by Cornell Iron Works Inc, dated 07/26/96, with latest revision on 07/02/03, signed and sealed by J. H. Dixon PE.

B TEST:

1. Test report of Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on "ROLL DOWN DOORS", prepared by Construction Testing Corporation, report # CTC 96-030, dated 09/09/96, signed and sealed by G. Dotzler, PE.
2. Test report of Surface Burning Characteristics Test per ASTM E84 on Carpenter HFC-245fa, prepared by Omega Point Laboratories Inc, project No. 16358-118791, dated 05/06/04 and signed by W. E. Fitch PE.
3. Test report of Ignition Properties Test per ASTM D1929 on Carpenter HFC-245fa, prepared by Omega Point Laboratories Inc, project No. 16358-117350, dated 02/03/04 and signed by W. E. Fitch PE.

C CALCULATIONS:

1. Calculations prepared by Joseph H. Dixon, Jr. P.E. dated 07/10/96, sheets 1 to 19 for, signed and sealed by J. H. Dixon, PE. on 09/16/96.
2. Calculations prepared by Joseph H. Dixon Jr PE dated 06/10/03 sheets 1 and 2, signed and sealed by J.H. Dixon, PE on 06/23/03.
3. Calculations prepared by Joseph H. Dixon Jr. PE dated 06/11/03 sheets 1 and 2 signed and sealed by J. H. Dixon, PE. on 06/23/03.

D QUALITY ASSURANCE

1. Miami-Dade Product Control Division.

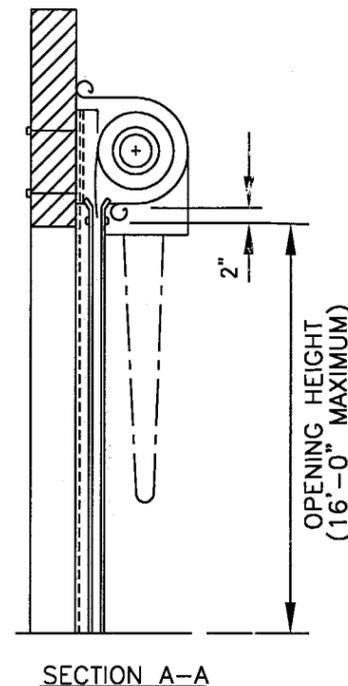
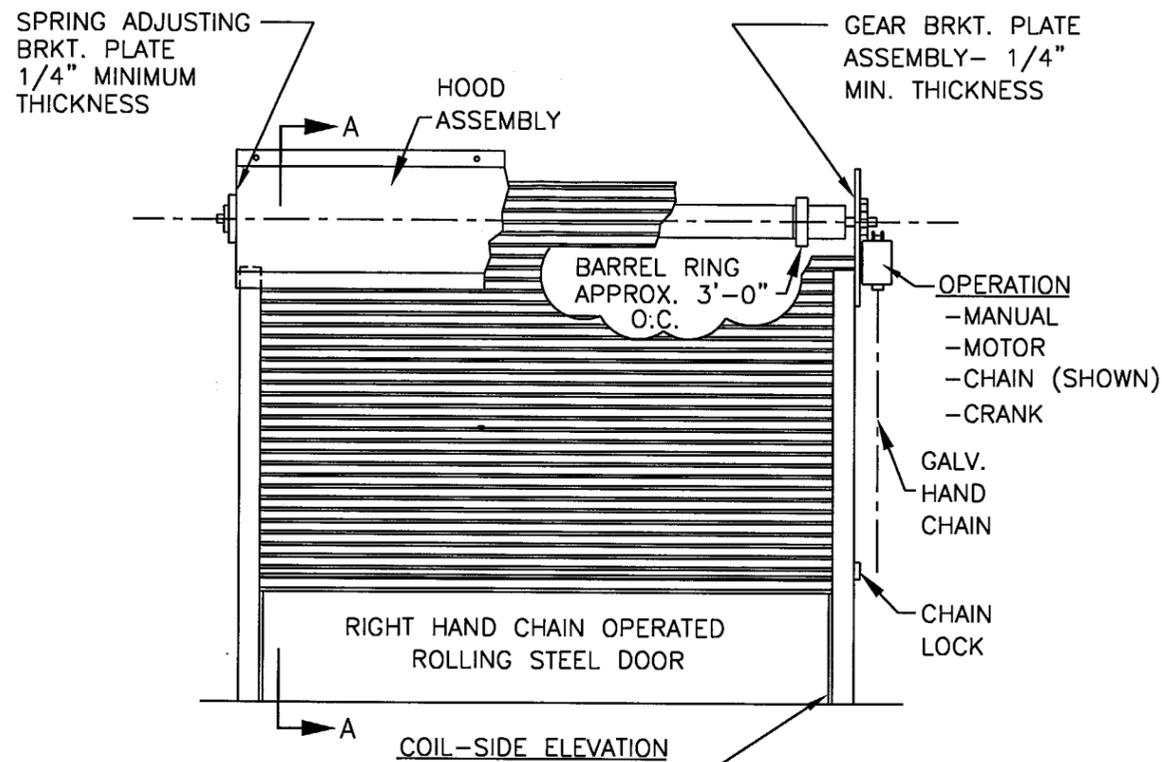
E STATEMENTS:

1. No financial interest letter issued by Atlas Door Corporation, on 09/20/96, signed by G. Thomas, PE.
2. No change letter issued by Cornell Iron Works Inc, on 02/07/03, signed and sealed by L. Greiner
3. Certificate of Merger between Atlas Roll-Lite Door Corporation and Clopay Building Products Company, Inc. dated 01/20/99 and signed by R. Balemian of Clopay Building Products Company Inc.
4. Assets Purchase Agreement between Clopay Building Products and Cornell Iron Works, dated 11/06/02 and signed by D. E. Trelle from Clopay Building.
5. No change letter issued by Cornell Iron Works Inc on 02/07/03 and signed by L. Greiner.

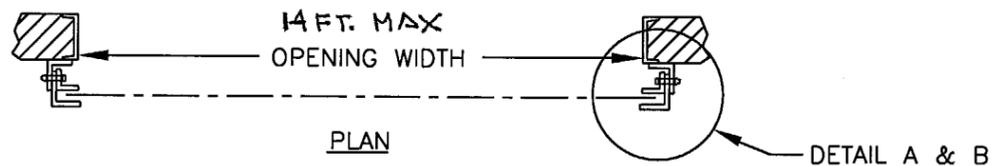
F MATERIAL CERTIFICATION:

1. Certified Testing Laboratories, Test Report # 692B of test per ASTM E8, of Sheet Steel CTC 96-028-B, dated 08/21/96, signed by R. Patel, P.E.


06/10/04
Candido F. Font PE
Senior Product Control Examiner
NOA No 03-0724.02
Expiration Date: February 20, 2008
Approval Date: June 10, 2004



SLIDE BOLT LOCKS (EACH END)
 SECURITY AND FORCED ENTRY REQ'T.
 AS PER THE F.B.C. SECTION 3603.
 PROVIDE MULTIPLE INSERT LOCKS ENGAGING AT
 LEAST 2 OPPOSITE POINTS AT MIN. OF 5/8".



CURTAIN: C.R. GALV. SLATS; STRUCTURAL QUALITY (ASTM A-446), GRADE A.
 SLATS SHALL BE GALVANIZED WITH A MINIMUM
 COATING G90 ACCORDING TO ASTM A-525

GENERAL NOTES

- THIS DOOR HAS BEEN TESTED ACCORDING TO PA201-94, PA202-94 AND PA203-94.
- HOOD IS BOLTED TO THE BRACKET PLATE WITH 1/4" BOLTS.
- CURTAIN IS BOLTED TO BARREL RINGS WITH 3/8" BOLTS.
- SLATS ARE COLD ROLLED FROM GALVANIZED STEEL WITH A YIELD STRENGTH OF 33,000 PSI.
- ENDLOCKS AND WINDLOCKS ARE CAST MALLEABLE IRON.
- THIS DRAWING HAS BEEN APPROVED AS COMPLYING WITH THE FLORIDA BUILDING CODE.
- WINDLOCK MATERIAL IS 1"x1/2"x1/8" STEEL CHANNEL (ASTM A36, DETAIL A).
- THE DOOR HAS A DESIGN PRESSURE OF 138 PSF POSITIVE/ 138 PSF NEGATIVE.
- THE FOAMED IN PLACE INSULATION HAS BEEN TESTED ACCORDING TO ASTM E-84 AND 1929.

REVISIONS				
ISSUE	DATE:	ECN NO.	DESCRIPTION	APPVD:
1	7/26/96		ORIGINAL ISSUE	
2	1/17/97		UPDATE TEST DATA	
3	12/17/02		BECAME CORNELL	
4	02/04/03		GENERAL REVISIONS	
5	07/02/03		ADDED T3 SLAT	

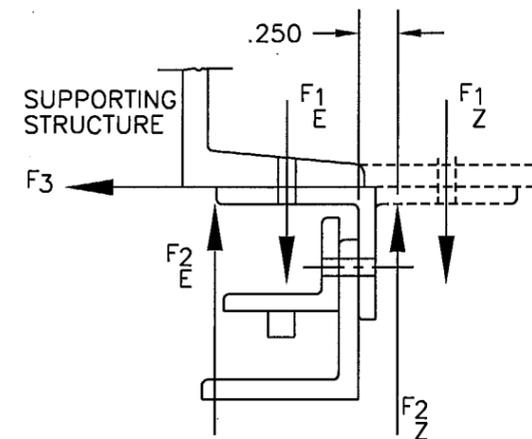
SCHEDULE FOR F-3 FLAT SLAT AND T-3 THERMAL SLAT

OPENING WIDTH	GAUGE	WINDLOCK SPACING	SLIP	WINDLOCK RIVETS	GUIDE ANGLE THICKNESS	WALL ANGLE THICKNESS	* WALL ANGLE BOLTS	* GUIDE ANGLE BOLTS
0' 0" TO 14' 0"	18	CONTINUOUS SLATS	3/8"	QTY. 3 3/16"	1/4" 3/8"	1/2"	5/8" A490 11" O.C.	5/8" A490 12" O.C.

* 1/8" x 1 3/4" STEEL WASHERS ARE REQUIRED

FORCE ON STRUCTURE (KIPS/FT.)

E-GUIDE (BOLTED)						E-GUIDE (WELDED)						Z-GUIDE (WELDED)					
POS			NEG			POS			NEG			POS			NEG		
F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3
14.70	13.72	5.55	15.27	16.26	5.55	5.25	4.27	5.55	5.45	6.44	5.55	4.41	3.42	5.55	6.30	7.28	5.55



GUIDE DETAIL

BUILDING DESIGNER NOTE:
 STRUCTURE MUST BE DESIGNED
 TO SUPPORT F1, F2 AND F3
 FORCES (KIPS/FT. OF OPENING HGT.)
 AT EACH JAMB LISTED IN THE
 "FORCE ON STRUCTURE" SCHEDULE.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 03-072402
 Expiration Date 02/20/09

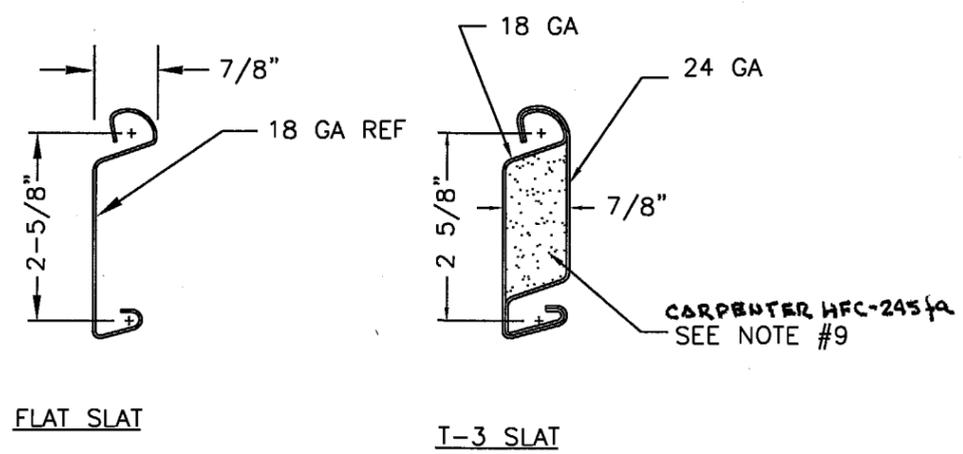
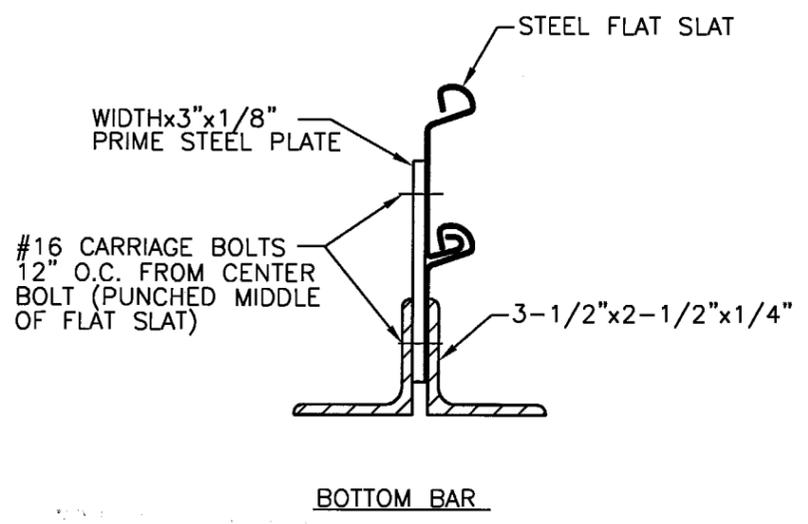
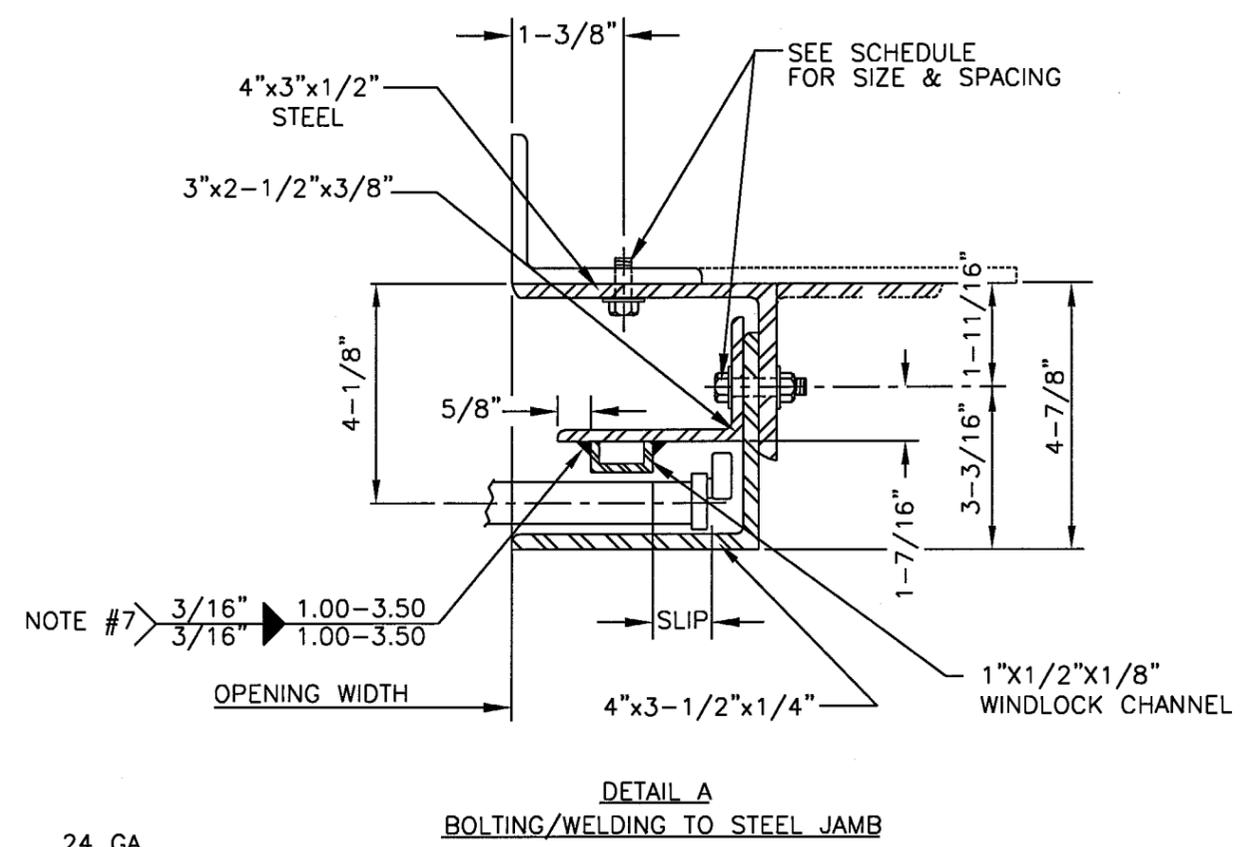
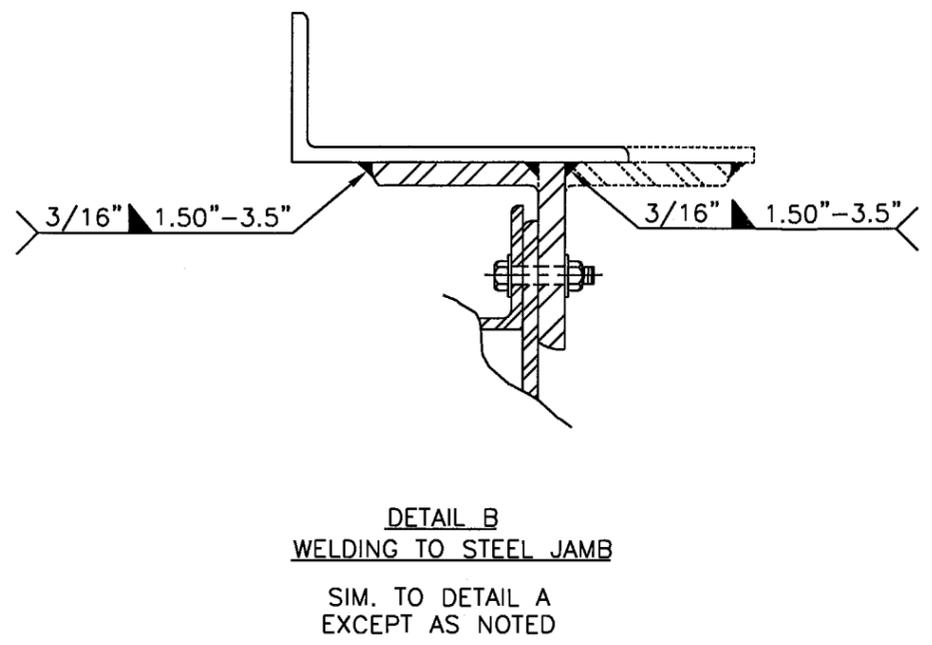
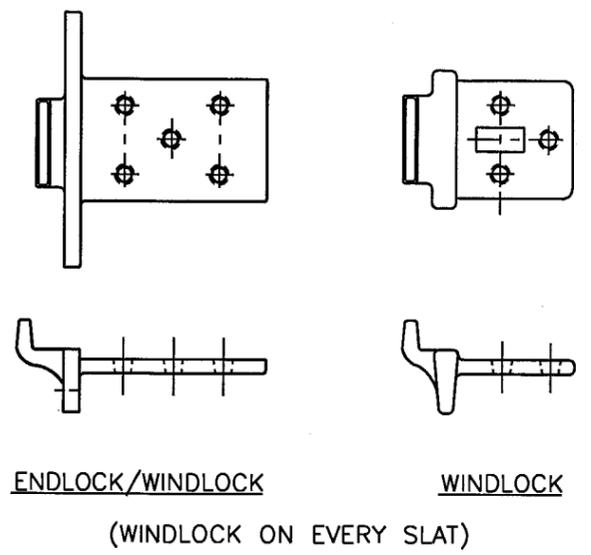
By *[Signature]*
 Miami Dade Product Control
 Division



CRESTWOOD INDUSTRIAL PARK
 MOUNTAINTOP, PENNSYLVANIA

TITLE: DADE COUNTY DOORS 138 PSF, 14' WIDE		STATUS: STD.	
DRAWN BY: P.SPIKES	DATE: 7/26/96	SCALE: NONE	DWG. SIZE B
CHECKED BY: G.THOMAS	DATE: 7/26/96	SHEET 1 OF 2	
PART NO:	ISSUE NO. 5	DWG. NO. 1-01-10-12	

REVISIONS				
ISSUE	DATE:	ECN NO.	DESCRIPTION	APPVD:
1	7/26/96		ORIGINAL ISSUE	
2	1/17/97		UPDATE TEST DATA	
3	07/02/03		ADDED T3 SLAT	



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0724.02
Expiration Date 02/20/08
By: [Signature]
Miami-Dade Product Control
Division

[Signature]
7/21/03
FL7768

DRAWN BY: P.SPIKES	DATE: 7/26/96	SCALE: NONE	DWG. SIZE
CHECKED BY: G. THOMAS	DATE: 7/26/96	SHEET 2 OF 2	B
PART NO:	ISSUE NO. 3	DWG. NO. 1-01-10-12	