



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

The Cookson Company
 PO Box 23880
 Phoenix, AZ 85063

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 RER-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. RER 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: # 4 Slat Steel Rolling Door up to 16'-0" Wide

APPROVAL DOCUMENT: Drawing No. NPD-0050-01, titled "Dade County Wind Door 16'-0" Wide #4 Slat", sheets 1 through 3 of 3, dated 10/19/1999, with revision 4 dated 11/26/2012, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

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 renews NOA # 13-1105.04 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Handwritten signature and date: 10/3/11/2015

NOA No. 15-0106.01
 Expiration Date: March 10, 2016
 Approval Date: March 19, 2015
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **NPD-0050-01**, titled "Dade County Wind Door 16'-0" Wide #4 Slat", sheets 1 through 3 of 3, dated 10/19/1999, with revision 4 dated 11/26/2012, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS *"Submitted under NOA # 07-1102.01"*

1. Test Report No. **ETC-04-977-15284.0** on G60 and G40 galvanizing by ETC Laboratories dated 10/11/2004, signed and sealed by Joseph L. Doldan, P.E.
2. Test report on Large Missile Impact Test per FBC TAS 201-94, Cyclic Wind Pressure Test per FBC TAS 203-94 and Uniform Static Air Pressure Test per FBC TAS 202-94 of a "Steel Rolling Garage Door", prepared by Certified Testing Laboratories, Test Report No. **CTL-A468W**, dated 11/10/1999, signed and sealed by R. Patel, P.E.

C. CALCULATIONS *"Submitted under NOA # 07-1102.01"*

1. Calculations prepared by Joseph H. Dixon, Jr., P.E., dated 09/28/2007, signed and sealed by Joseph H. Dixon, Jr., P.E. on 10/26/2007.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

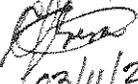
1. Certified Testing Laboratories, Test Report # 99020 of test per ASTM E8, of .032" Steel, dated 10/20/1999, signed by R. Patel, P.E.

F. STATEMENTS

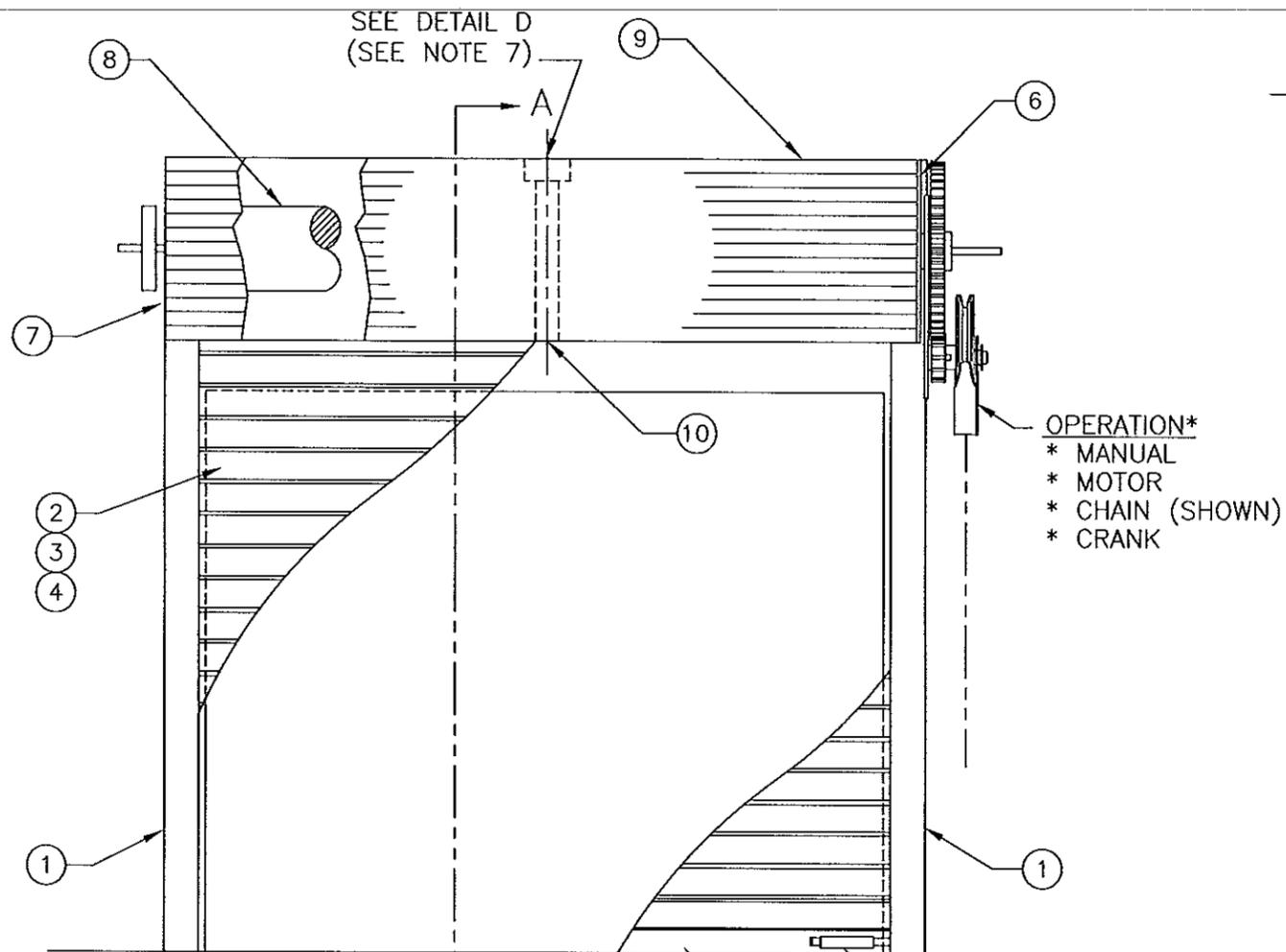
1. Statement letter of code conformance to 2010 FBC, dated 12/28/2014, signed and sealed by Joseph H. Dixon, Jr., P.E.
2. Statement letter of no financial interest, dated 12/28/2014, signed and sealed by Joseph H. Dixon, Jr., P.E.
3. One year extension request letter issued by CIW Enterprises, Inc., dated 12/16/2014, signed by Trevor Errington.

"Submitted under NOA # 12-1219.08"

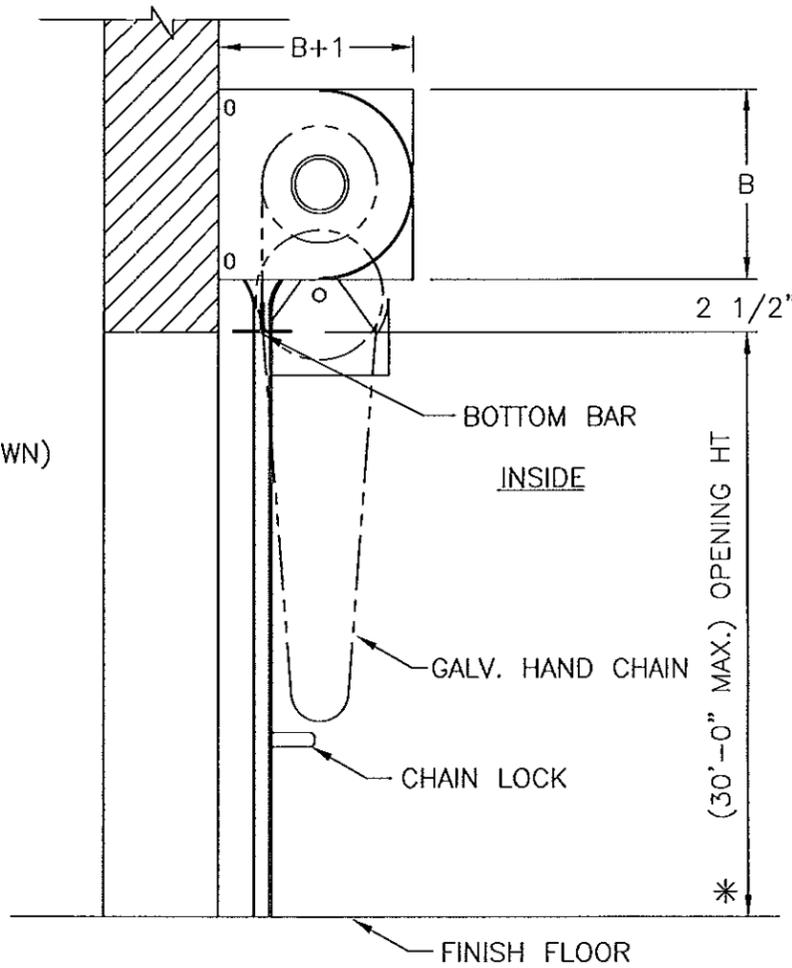
4. Testing contract letter issued by Architectural Testing, Inc. dated 03/18/2013 and signed by Michael D. Stremmel, P.E.


103/11/2015

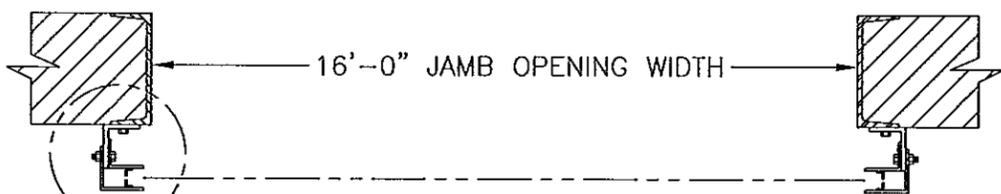
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0106.01
Expiration Date: March 10, 2016
Approval Date: March 19, 2015



COIL-SIDE ELEVATION



SECTION A-A

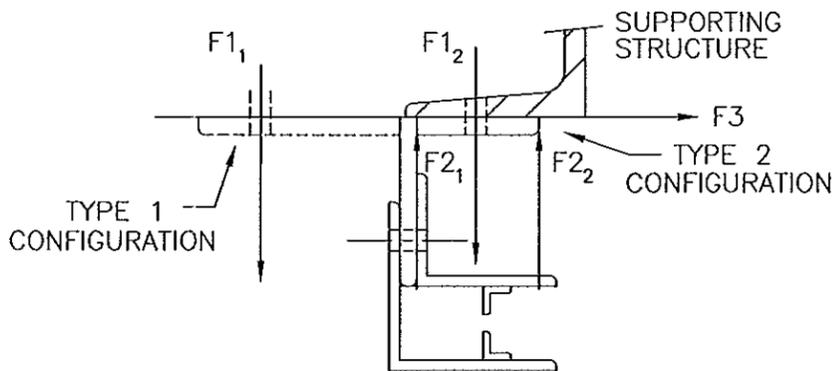


DETAILS A & B

BRACKET TABLE #4 SLAT	
DOOR HT UP TO (FT)	BRACKET SIZE "B"
4	13
8	15
10	16
16	18
20	20
24	22
30	24
34	26
36	28

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES AND ELEVATION
2	CROSS SECTIONS AND DETAILS
3	FORCE TABLE, FASTENER SCHEDULE & PARTS LIST

OPERATION*
 * MANUAL
 * MOTOR
 * CHAIN (SHOWN)
 * CRANK



NOTES:

1. THIS DRAWING HAS BEEN APPROVED AS COMPLYING WITH THE 2010 FLORIDA BUILDING CODE.
2. THIS DOOR HAS BEEN TESTED TO TAS 201, TAS 202, & TAS 203.
3. THE DOOR HAS A DESIGN PRESSURE OF 55lb/sq ft POS & 60lb/sq ft NEG.
4. ANCHOR BOLTS ARE HILTI KWIK BOLT 3 INSTALLED ON 3000 PSI CONCRETE.
5. WALL ANGLE BOLTS TO BE GRADE 5, CALCULATIONS MADE WITH THREADS IN SHEAR PLANE.
6. TYPE E60 OR HIGHER ELECTRODES TO BE USED FOR WELDED ATTACHMENT.
7. HOOD IS BOLTED TO BRKT. PLATE WITH #10 TEK SCREWS. INTERMEDIATE SUPPORT IS FURNISHED FOR DOORS OVER 14' WIDE.
8. CURTAIN IS FASTENED TO BARREL WITH 3/8" BOLTS.
9. STEEL PER ASTM A653, WITH A GALV COATING OF G60 (TAN), G60 (WHITE), G40 (GREY) AND G40 (POWDERCOATED) COATING AS TESTED IN THE ETC REPORT #ETC04013 DATED 10/11/04.
10. WINDLOCKS ARE CAST DUCTILE IRON, ON ALTERNATE SLATS.
11. WINDLOCKS/ENDLOCKS ARE ATTACHED TO SLATS WITH $\phi 3/16$ " PLATED STEEL RIVETS.
12. WINDLOCK BAR MATERIAL: 1/2" X 1/2" X 1/8" STEEL ANGLES, ASTM A36, (DETAIL A).
13. ROLL UP MECHANISM NOT INCLUDED IN THIS APPROVAL. MUST BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
14. SLATS ARE COLD ROLLED GALV STEEL, ASTM A653, SS, GRADE 50. TEST DOOR SAMPLE AT YIELD STRENGTH OF 53,400 PSI.

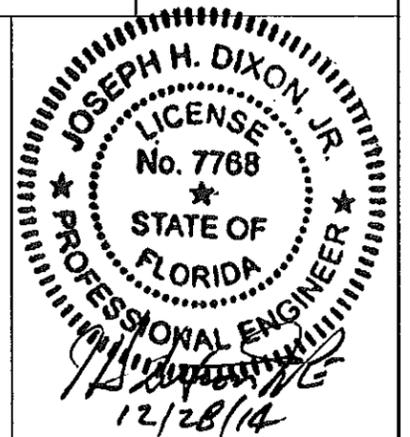
NO.	BY	DATE	REVISION
4	RG	11/26/12	CHANGED NOTE #1
3	RG	1/4/08	CHANGED NOTE #9
2	RG	9/26/07	NOTE CHANGES
1	YL	01/21/00	AS NOTED
	YL	10/19/99	ORIGINAL DRAWING

COOKSON ROLLING DOORS
 2417 S. 50th AVENUE
 PHOENIX, AZ 85043
 800 TULIP DRIVE
 GASTONIA, NC 28052

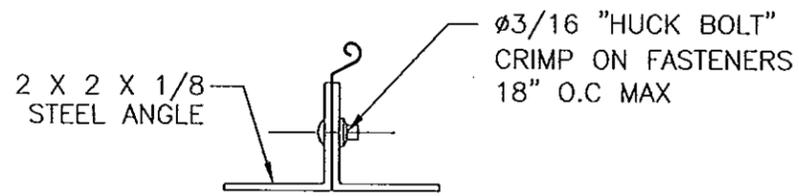
DADE COUNTY TEST DOOR 16'-0" +55/-60 PSF
 ENG. NAME: JOSEPH H. DIXON JR. COOKSON APPROVAL
 DISCIPLINE: STRUCTURAL BY:
 FL REGISTRATION: 7768 DATE:

DRAWING NO. NPD-0050-01 SHEET 1 OF 3

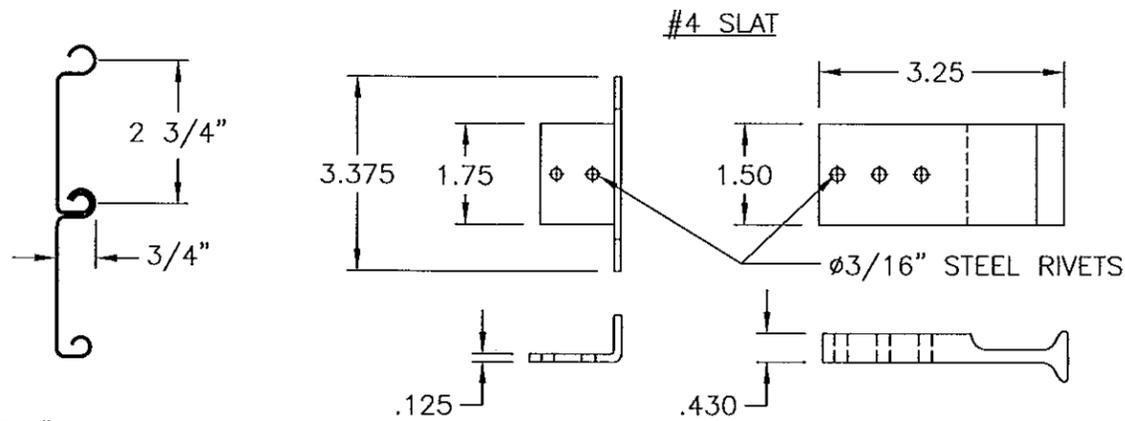
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 as complying with the Florida
 Building Code
 Acceptance No 15-9106.01
 Expiration Date 03/10/2016
 By *[Signature]*
 Miami Dade Product Control



DADE COUNTY WIND DOOR 16'-0" WIDE #4 SLAT



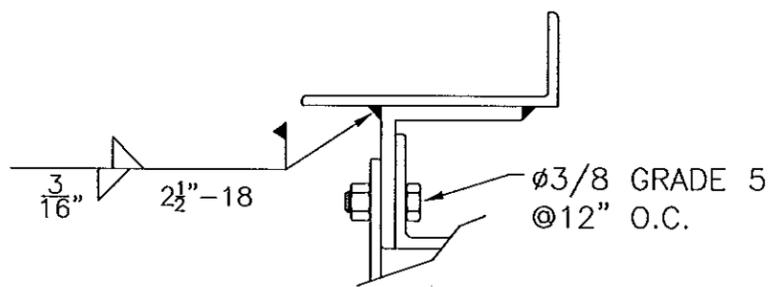
BOTTOM BAR DETAIL ⑤



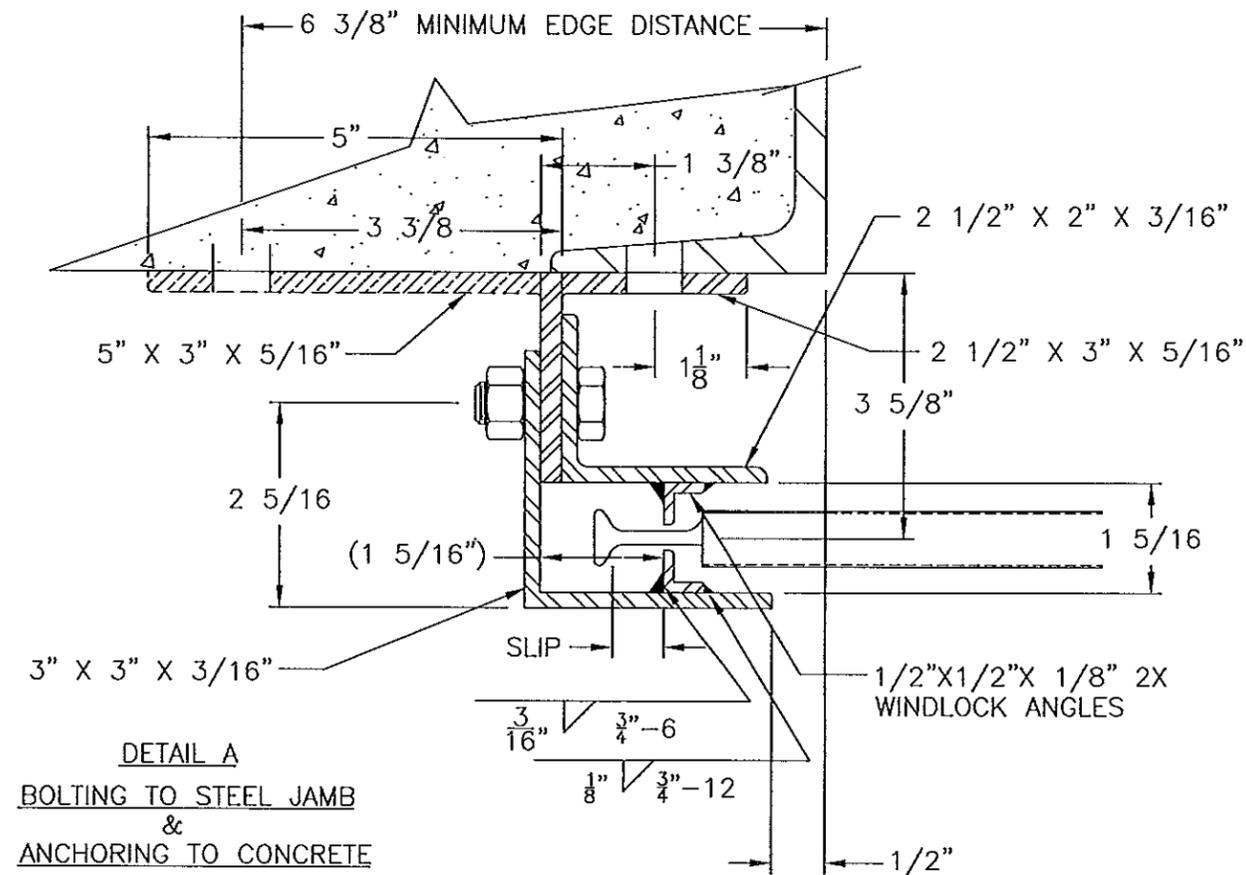
② SLAT: #4 - .0356

ENDLOCK ④
11GA PLATED STEEL

WINDLOCK ③
PLATED CAST IRON



DETAIL B
WELDING TO STEEL JAMB
SIM. TO DETAIL A
EXCEPT AS NOTED
(FOR TYPE 2 GUIDE ONLY)



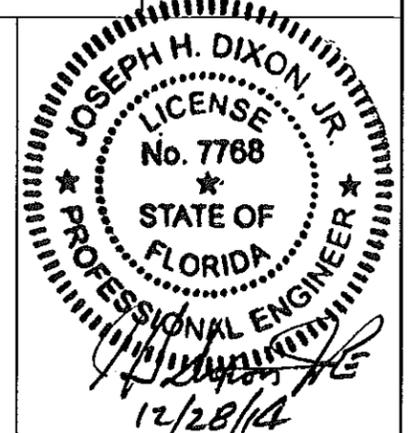
DETAIL A
BOLTING TO STEEL JAMB
&
ANCHORING TO CONCRETE

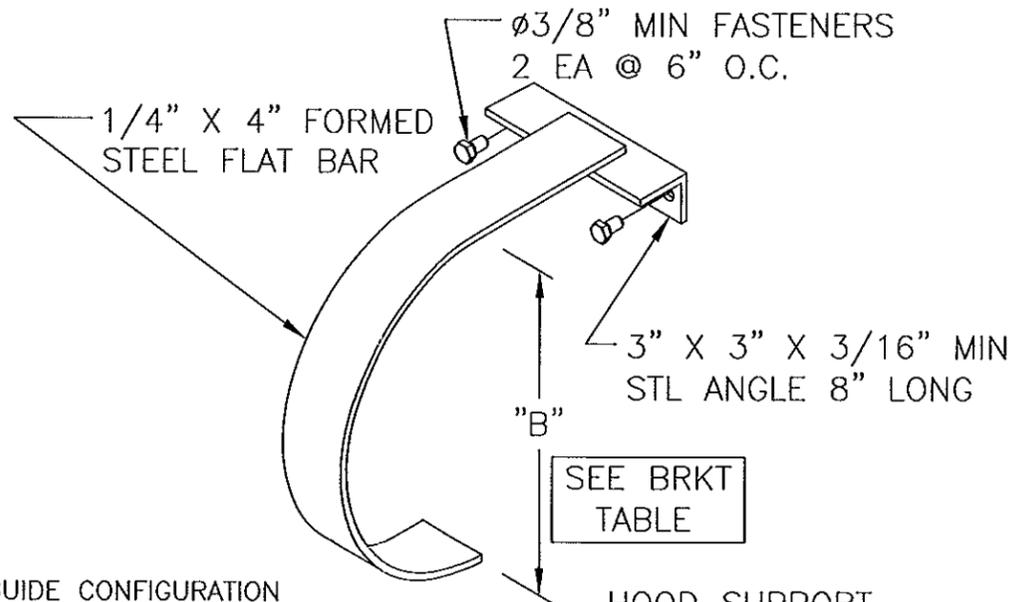
NO.	BY	DATE	REVISION
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③	RG	1/4/08	CHANGED NOTE #9
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①	YL	01/21/00	AS NOTED
	YL	10/19/99	ORIGINAL DRAWING



DADE COUNTY TEST DOOR 16'-0" +55/-60 PSF	
ENG. NAME: JOSEPH H. DIXON JR.	COOKSON APPROVAL
DISCIPLINE: STRUCTURAL	BY:
FL REGISTRATION: 7768	DATE:
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PRODUCT RENEWED
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By: *[Signature]*
Miami Dade Product Control





FORCE ON STRUCTURE (#/FT.)

TYPE 1 GUIDE CONFIGURATION

TYPE 2 GUIDE CONFIGURATION

OPENING WIDTH	POSITIVE (55 PSF)			NEGATIVE (60 PSF)			POSITIVE (55 PSF)			NEGATIVE (60 PSF)		
	F1	F2	F3									
UP TO 12'-0"	621	289	721	1085	1448	854	2676	2344	721	2413	2776	854
12'-1" TO 16'-0"	1765	1323	1826	2412	2895	2030	6377	5935	1826	6115	6598	2030

HOOD SUPPORT
DETAIL D

FASTENER SCHEDULE

OPENING WIDTH	(1) WINDLOCK SPACING	SLIP	GUIDE ANGLE THICKNESS	WALL ANGLE THICKNESS	(3) CONCRETE ANCHOR	MIN EMBED-MENT	(2) WALL ANGLE BOLTS (GRADE 5)	GUIDE ANGLE ASSEMBLY BOLTS
UP TO 12'-0"	2	5/8"	3/16"	5/16"	1/2 ϕ @ 14" O.C.	3 1/2"	1/2 ϕ @ 18" O.C.	3/8 ϕ @ 12" O.C.
12'-1" TO 16'-0"	2	5/8"	3/16"	5/16"	3/4 ϕ @ 12" O.C.	4 3/4"	5/8 ϕ @ 18" O.C.	3/8 ϕ @ 12" O.C.

(1) WINDLOCK ON EVERY OTHER SLAT

(2) 1 3/8 O.D. X 1/8 THICK WASHER
(3) HILTI KWIK BOLT 3 - DO NOT USE FOR TYPE 2 INSTALLATION

PARTS LIST

ITEM NO.	DESCRIPTION	QTY.	MATERIAL
1	GUIDE (PAIR)	1	STEEL, ASTM A-36
2	GALVANIZED SLAT	AS REQ'D	GALV STEEL, G90 ASTM A-653 SS. GRADE 50 (NOTE 9)
3	WINDLOCK	AS REQ'D	DUCTILE CAST IRON, GRADE 65-45-12 ASTM A-536-72
4	ENDLOCK	AS REQ'D	C1018 STEEL, ASTM A-366
5	BOTTOM BAR	1	STEEL, ASTM A-36
6	DRIVE BRACKET ASSEMBLY	1	STEEL, ASTM A-36
7	TENSION BRACKET ASSEMBLY	1	STEEL, ASTM A-36
8	BARREL PIPE/COUNTER BALANCE		STEEL, ASTM A-108, A-229, A-53
9	GALVANIZED HOOD	1	GALVANIZED STEEL, G90 ASTM A-653 (NOTE 9)
10	HOOD SUPPORT	AS REQ'D	STEEL, ASTM A-36

DADE COUNTY WIND DOOR 16'-0" WIDE #4 SLAT

NO.	BY	DATE	REVISION
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2417 S. 50th AVENUE
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800 TULIP DRIVE
GASTONIA, NC 28052

DADE COUNTY TEST DOOR 16'-0" +55/-60 PSF

ENG. NAME: JOSEPH H. DIXON JR. COOKSON APPROVAL

DISCIPLINE: STRUCTURAL BY:

FL REGISTRATION: 7768 DATE:

DRAWING NO. NPD-0050-01

SHEET 3 OF 3

PRODUCT RENEWED
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