



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/home/asp

The Cookson Company
2417 S. 50 Avenue
Phoenix, AZ 85043

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 Section 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 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. BORA 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: 25'-5" Wide Steel Roll-up Door

APPROVAL DOCUMENT: Drawing No. **FBC-255-60-DC-01**, titled "Dade County Approved 25'-5" wide 60 psf Rolling Steel Door", sheets 1 and 2 of 2, dated 09/10/10, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., 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

LABELING: Each unit shall bear a permanent label with the private labeler's name or logo, private labeler's location, the NOA number and the 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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten Signature]
 01/18/11

NOA No. 10-0929.02
 Expiration Date: December 19, 2012
 Approval Date: December 30, 2010
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **FBC-255-60-DC-01**, titled "Dade County Approved 25'-5" wide 60 psf Rolling Steel Door", sheets 1 and 2 of 2, dated 09/10/10, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS "Submitted under NOA # 02-0814.01"

1. Test report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 on a "Steel Roll-Up Service Door", prepared by Architectural Testing, Inc., Report No. **01-39587.05**, dated 04/30/02, signed and sealed by A. N. Reeves, P.E.
2. Test report Tension Test per ASTM E8 on 0.036" Galvanized Steel, prepared by Architectural Testing Inc., Report No. **01-39587.06**, dated 04/30/02, signed and sealed by A. N. Reeves, P.E.

C. CALCULATIONS: "Submitted under NOA # 09-0210.06"

1. Structural Calculations prepared by Joseph H. Dixon, Jr. PE, dated 01/30/09, sheets 1 through 17, signed and sealed by Joseph H. Dixon Jr., P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS "Submitted under NOA # 09-0210.06"

1. Statement letter of code conformance with FBC 2007, dated 01/30/09, signed and sealed by Joseph H. Dixon, Jr., P.E.
2. Statement letter of no financial interest, dated 01/30/09, signed and sealed by Joseph H. Dixon, Jr., P.E.

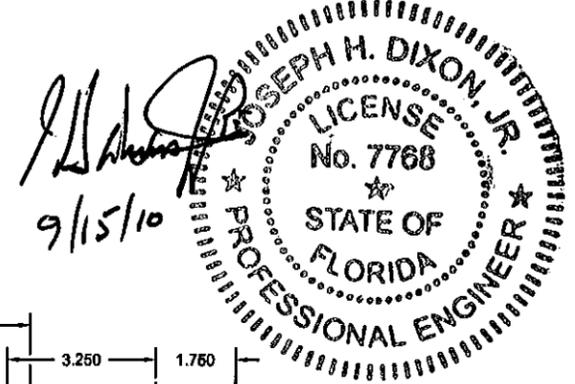
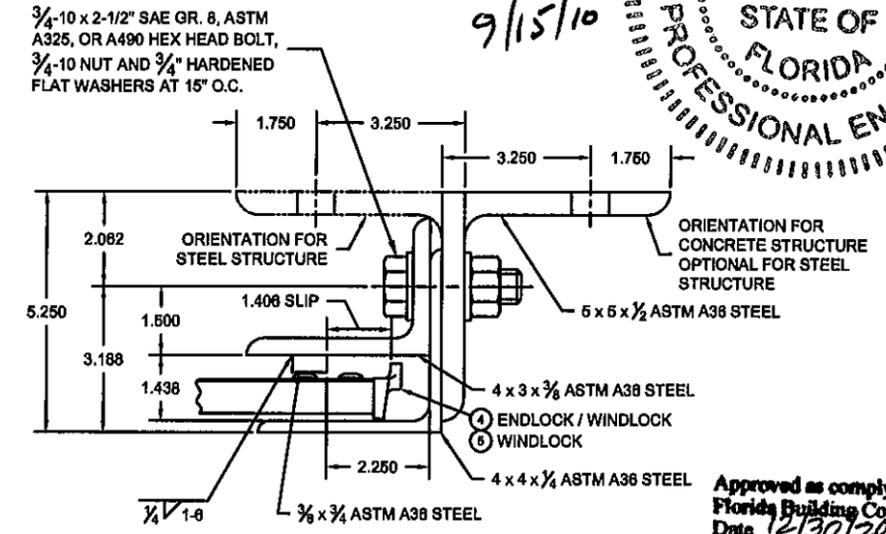
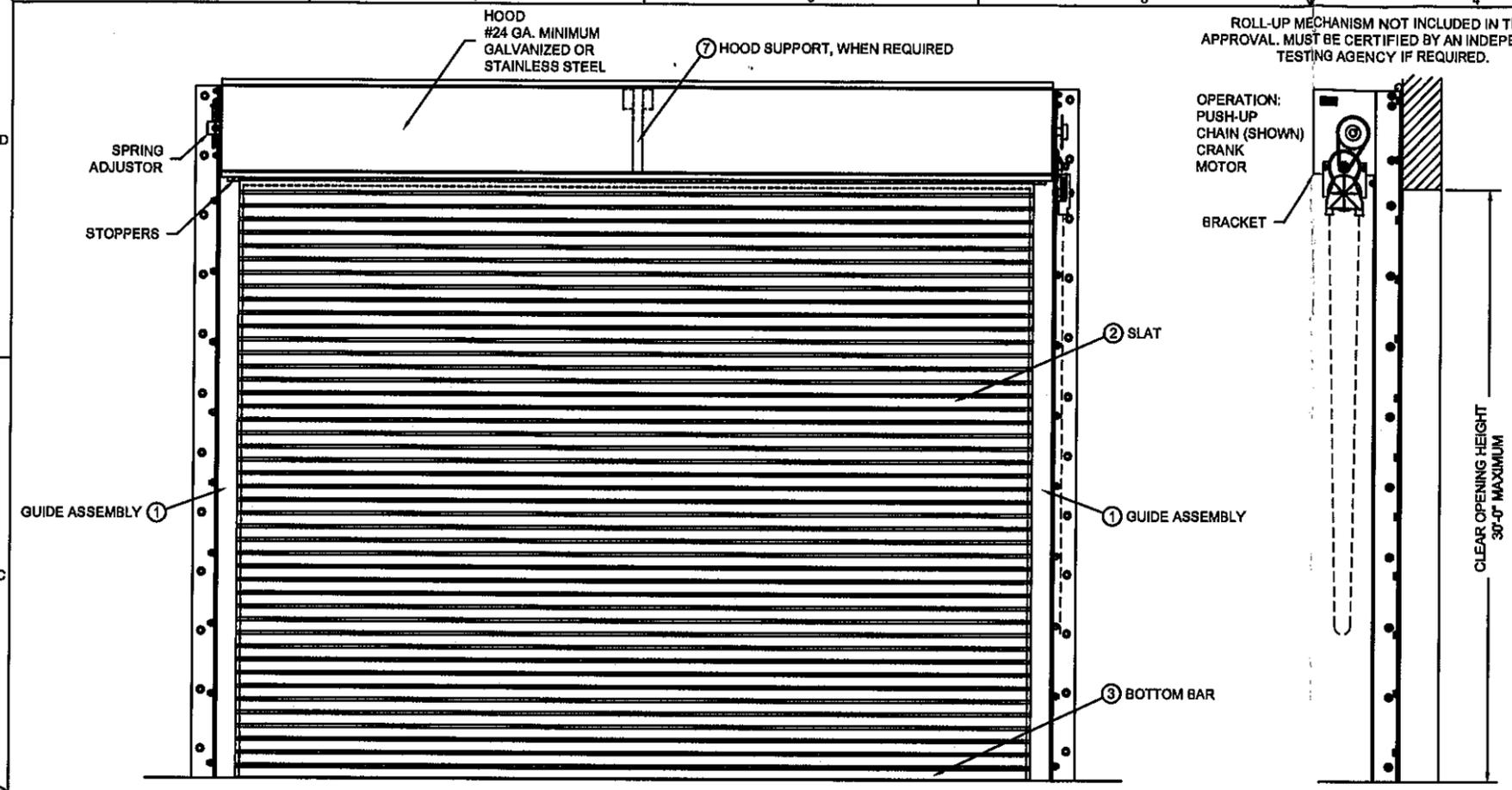
G. OTHERS

1. Private labeling agreement dated 09/07/10.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 10-0929.02
Expiration Date: December 19, 2012
Approval Date: December 30, 2010

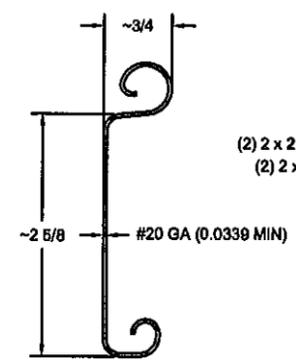
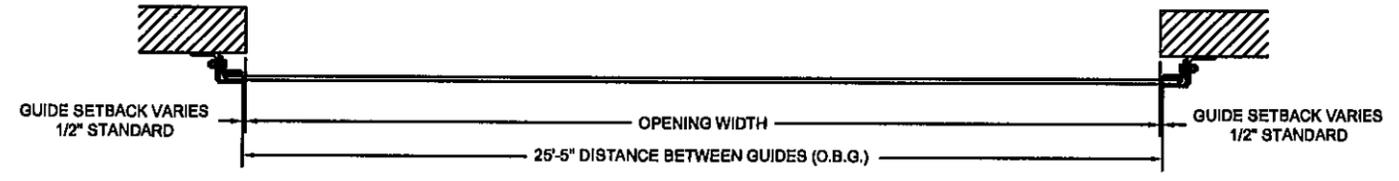
LTR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	09/10/10	RM	*



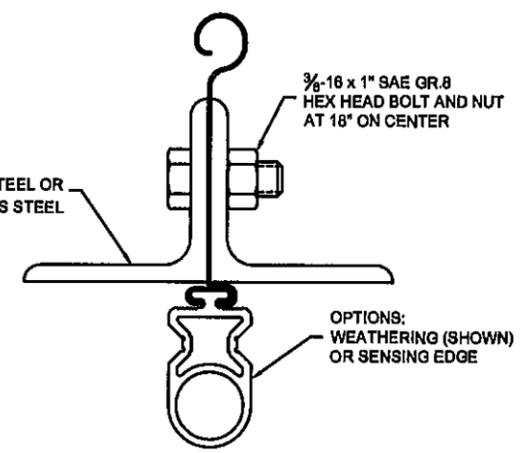
Approved as complying with the Florida Building Code
 Date 12/30/2010
 NOA# 10-0929-02
 Miami Dade Product Control
 Division
 By [Signature]

① GUIDE ASSEMBLY DETAIL
1/2 SCALE

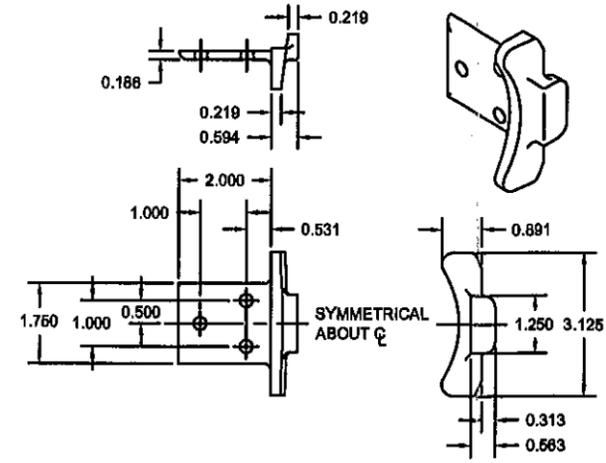
- NOTES:
1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE LATEST EDITION FLORIDA BUILDING CODE, AS A LARGE MISSILE IMPACT RESISTANT SYSTEM.
 2. POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED FOR SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. WIND LOADS DETERMINED FOR OPENINGS SHALL BE LESS THAN OR EQUAL TO DOOR DESIGN PRESSURES NOTED BELOW.
 3. THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR UNIFORM STATIC AIR PRESSURE IN CONFORMANCE WITH DADE COUNTY PROTOCOLS TAB 201, 202 AND 203.
 POSITIVE DESIGN LOAD = 60 PSF
 NEGATIVE DESIGN LOAD = 80 PSF
 4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (YORK, PENNSYLVANIA) TEST REPORT No. 01-39587.08 AND 01-39587.09.
 5. SUPERIMPOSED LOADS ON THE JAMBS FROM THIS DOOR ARE DESIGNATED AS F1, F2, AND F3 HEREIN. CONTRACTORS SHALL HAVE FLORIDA REGISTERED PROFESSIONAL ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST SUPERIMPOSED LOAD F1, F2, AND F3.
 6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A5.1, GRADE E-70. MINIMUM WELDING PROCESS SHALL BE ARC WELDING AWS E7014 OR MIG WELDING AWS ER70S-6.
 7. ANCHOR NOTES:
 A. EMBEDMENT DEPTH DOES NOT INCLUDE STUCCO FINISH.
 B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 8. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL.
 9. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.



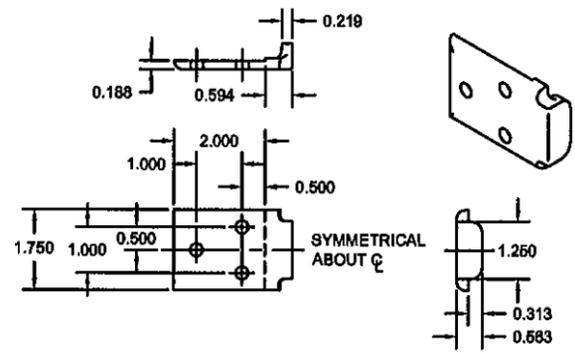
(2) 2 x 2 x 3/8 ASTM A36 STEEL OR
(2) 2 x 2 x 3/8 STAINLESS STEEL



③ BOTTOM BAR DETAIL
TYPICAL SECTION
FULL SCALE



④ ENDLOCK / WINDLOCK DETAIL
FERRITIC MALLEABLE IRON PER ASTM A47 - GRADE 32510
OR DUCTILE IRON PER ASTM A536 GRADE 65-45-12. GALVANIZED
IN ACCORDANCE WITH ASTM A153, G90 ZINC-COATING.
1/2 SCALE



⑥ WINDLOCK DETAIL
FERRITIC MALLEABLE IRON PER ASTM A47 - GRADE 32510
OR DUCTILE IRON PER ASTM A536 GRADE 65-45-12. GALVANIZED
IN ACCORDANCE WITH ASTM A153, G90 ZINC-COATING.
1/2 SCALE

THE COOKSON COMPANY, INC.
 2417 S. 50th AVENUE 800 TULIP DRIVE
 PHOENIX, AZ 85043 GASTONIA, NC 28052

Rolling Doors

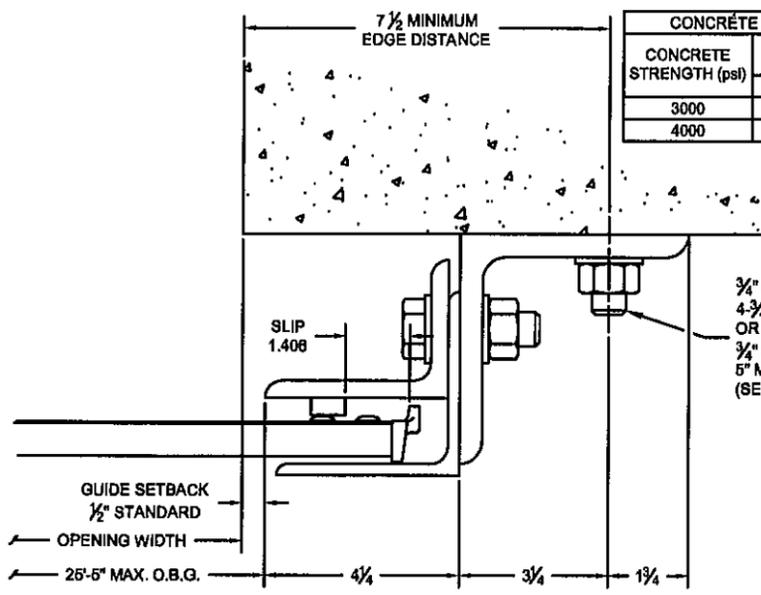
TITLE
DADE COUNTY APPROVED
25'-5\"/>

SIZE	DRAWN	DWG NO	REV
D	R.MAGGIO	FBC-255-60-DC-01	*
SCALE	AS NOTED	SHEET	1 OF 2

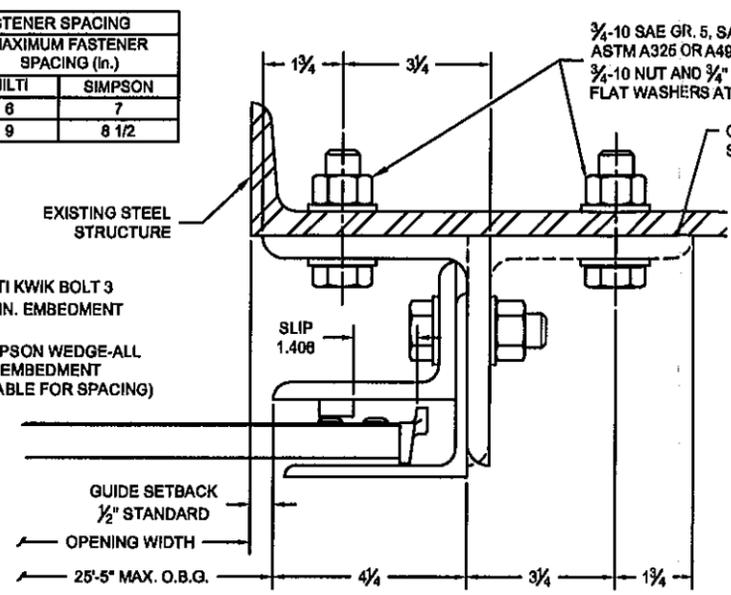
② SLAT DETAIL
TYPICAL SECTION
 ASTM A653 HSLAS TYPE B GRADE 40 G60 OR
 ASTM A653 HSLAS TYPE A GRADE 40 G60 OR
 ASTM A653 STRUCTURAL STEEL GRADE 40 G60
 OR TYPE 304 / UNS S30400 STAINLESS STEEL (MIN. YIELD 40,000 psi)
 OR TYPE 430 / UNS S43000 STAINLESS STEEL (MIN. YIELD 40,000 psi)
 OR TYPE 201 / UNS S20100 STAINLESS STEEL (MIN. YIELD 40,000 psi)
 FULL SCALE

CONCRETE FASTENER SPACING

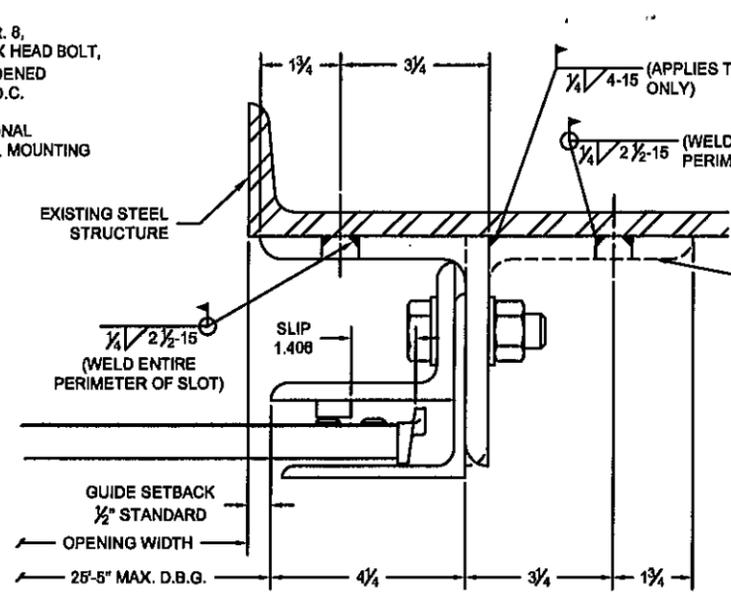
CONCRETE STRENGTH (psi)	MAXIMUM FASTENER SPACING (in.)	
	HILTI	SIMPSON
3000	6	7
4000	9	8 1/2



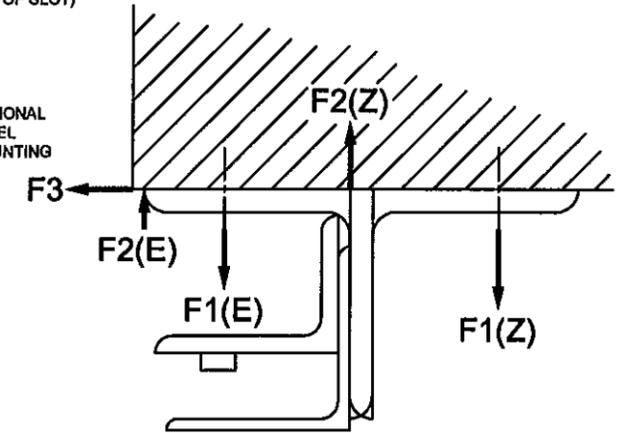
GUIDE ASSEMBLY
CONCRETE STRUCTURE



GUIDE ASSEMBLY
STEEL STRUCTURE



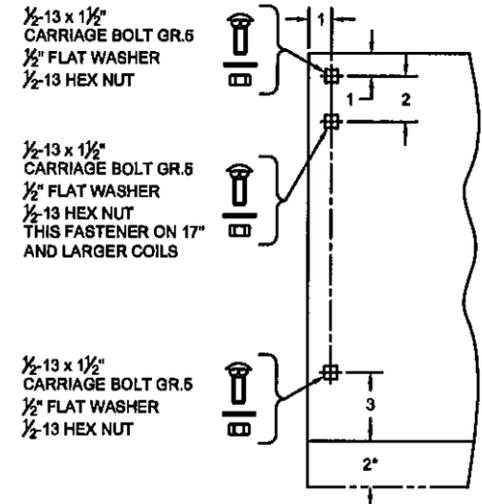
GUIDE ASSEMBLY
STEEL STRUCTURE



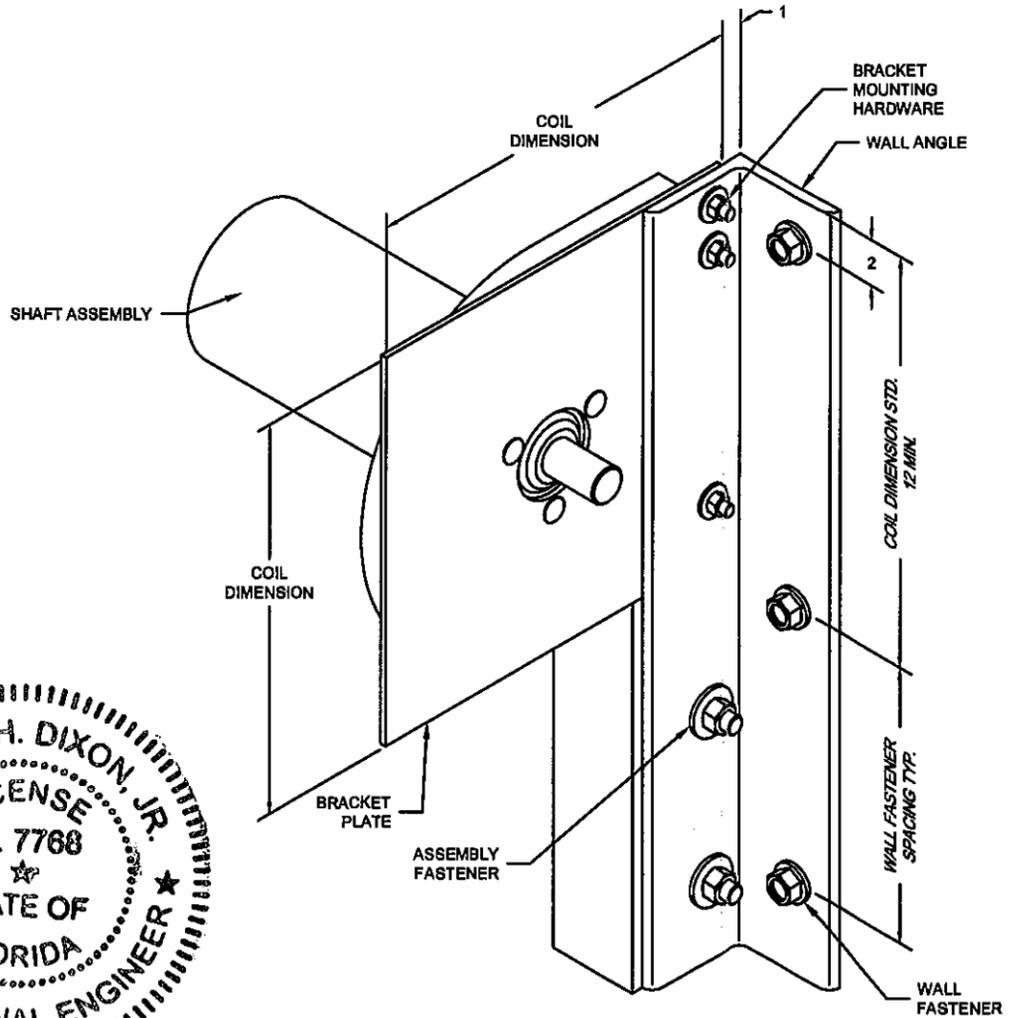
UNREDUCED WIND FORCES
ON BUILDING STRUCTURE

BUILDING DESIGNER NOTE:
STRUCTURE MUST BE DESIGNED TO SUPPORT F1, F2, AND F3 FORCES (LBS./FT. OF OPENING HEIGHT) AT EACH JAMB.

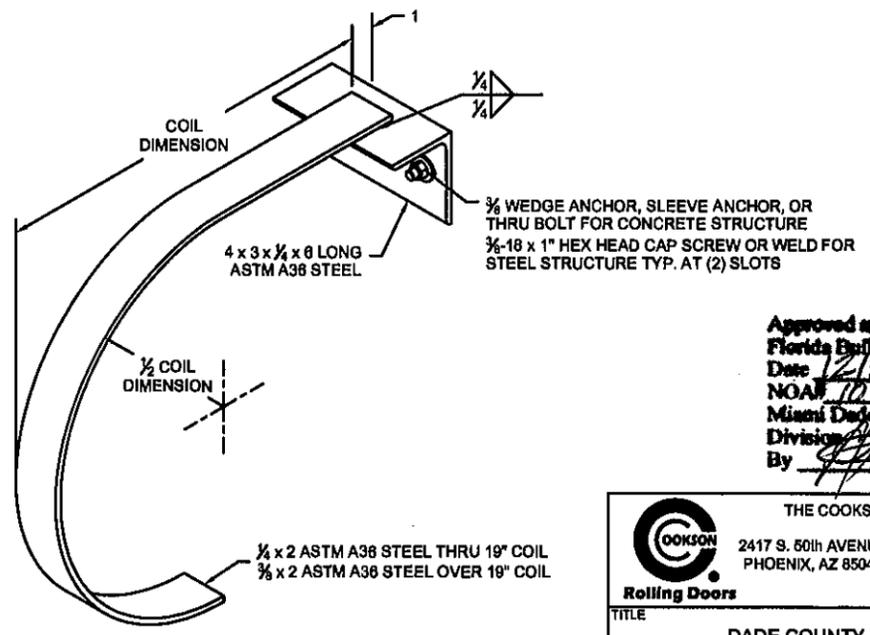
FORCES ON STRUCTURE (LBS / FOOT OF HEIGHT)											
Z-GUIDE						E-GUIDE					
POSITIVE			NEGATIVE			POSITIVE			NEGATIVE		
F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3
2644	1881	3079	4493	5255	3079	6870	6108	3079	6383	7146	3079



BRACKET MOUNTING DETAIL
0.172 MIN. THICKNESS
* 2" EXTENSION WHEN 8" AND LARGER SHAFT ASSEMBLY IS SUPPLIED



BRACKET MOUNTING / TOP WALL ANGLE FASTENING
BRACKET MOUNTING PER DETAIL 6 DEPICTED, OTHER BRACKET MOUNTINGS ARE AVAILABLE



MID-HOOD SUPPORT DETAIL
(WHEN REQUIRED)

Joseph H. Dixon, Jr.
9/15/10
JOSEPH H. DIXON, JR.
LICENSE
No. 7768
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Approved as complying with the Florida Building Code
Date 12/30/2010
NOA# 10-0129-02
Miami Dade Product Control Division
By *[Signature]*

THE COOKSON COMPANY, INC.
2417 S. 50th AVENUE PHOENIX, AZ 85043
800 TULIP DRIVE GASTONIA, NC 28052

Rolling Doors

TITLE
DADE COUNTY APPROVED
25'-5" WIDE 60 PSF
ROLLING STEEL DOOR

SIZE DRAWN DWG NO. REV
D R. MAGGIO FBC-255-60-DC-02

SCALE AS NOTED SHEET 2 OF 2