



**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](http://www.miamidade.gov/building)

**Cornell Iron Works, Inc.**  
**24 Elmwood Avenue**  
**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 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: 14'-5" Wide Steel Roll-up Door**

**APPROVAL DOCUMENT:** Drawing No. **ES16-37-01/02**, titled "Dade County Approved 14'-5" 60 psf Uninsulated Rolling Steel Door", sheets 1 and 2 of 2, dated 05/22/08, with revision C dated 11/23/10, prepared by Cornell Iron Works, Inc, signed and sealed by Joseph H. Dixon, Jr., P.E., 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 Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**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 # 08-0529.04** 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]*  
 102/09/11

**NOA No. 10-1209.02**  
**Expiration Date: September 18, 2013**  
**Approval Date: March 03, 2011**  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **ES16-37-01/02**, titled "Dade County Approved 14'-5" 60 psf Uninsulated Rolling Steel Door", sheets 1 and 2 of 2, dated 05/22/08, with revision C dated 11/23/10, prepared by Cornell Iron Works, Inc, signed and sealed by Joseph Dixon Jr., P.E.

**B. TESTS**

1. Test reports on 1000 hours of Salt Spray per ASTM B117 of G-90 and G-40 painted samples, prepared by Intertek, Test Report No. **G100075502**, dated 05/26/10, signed and sealed by Rick Curkeet, P.E.

*"Submitted under NOA # 08-0529.04"*

2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Tensile Test per ASTM E 8-01,  
along with marked-up drawings by Architectural Testing, Inc., Test Report No. **79233.01-109-18**, dated 03/13/08, signed and sealed by Michael D. Stremmel, P.E.

**C. CALCULATIONS**

1. Between-jamb guide anchoring calculations and structural analysis, dated 12/03/10, prepared, signed and sealed by Joseph H. Dixon, Jr., P.E.
2. Anchor verification calculations and structural analysis, dated 05/23/08, and 07/10/08 prepared, signed and sealed by Joseph H. Dixon, Jr., P.E.

*"Submitted under NOA # 08-0529.04"*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

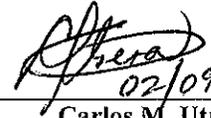
1. None.

**F. STATEMENTS**

1. Statement letter of conformance to the FBC 2007, dated 12/06/10, signed and sealed by Joseph H. Dixon, Jr., P.E.
2. Statement letter of no financial interest, dated 12/06/10, signed and sealed by Joseph H. Dixon, Jr., P.E.

**G. OTHER**

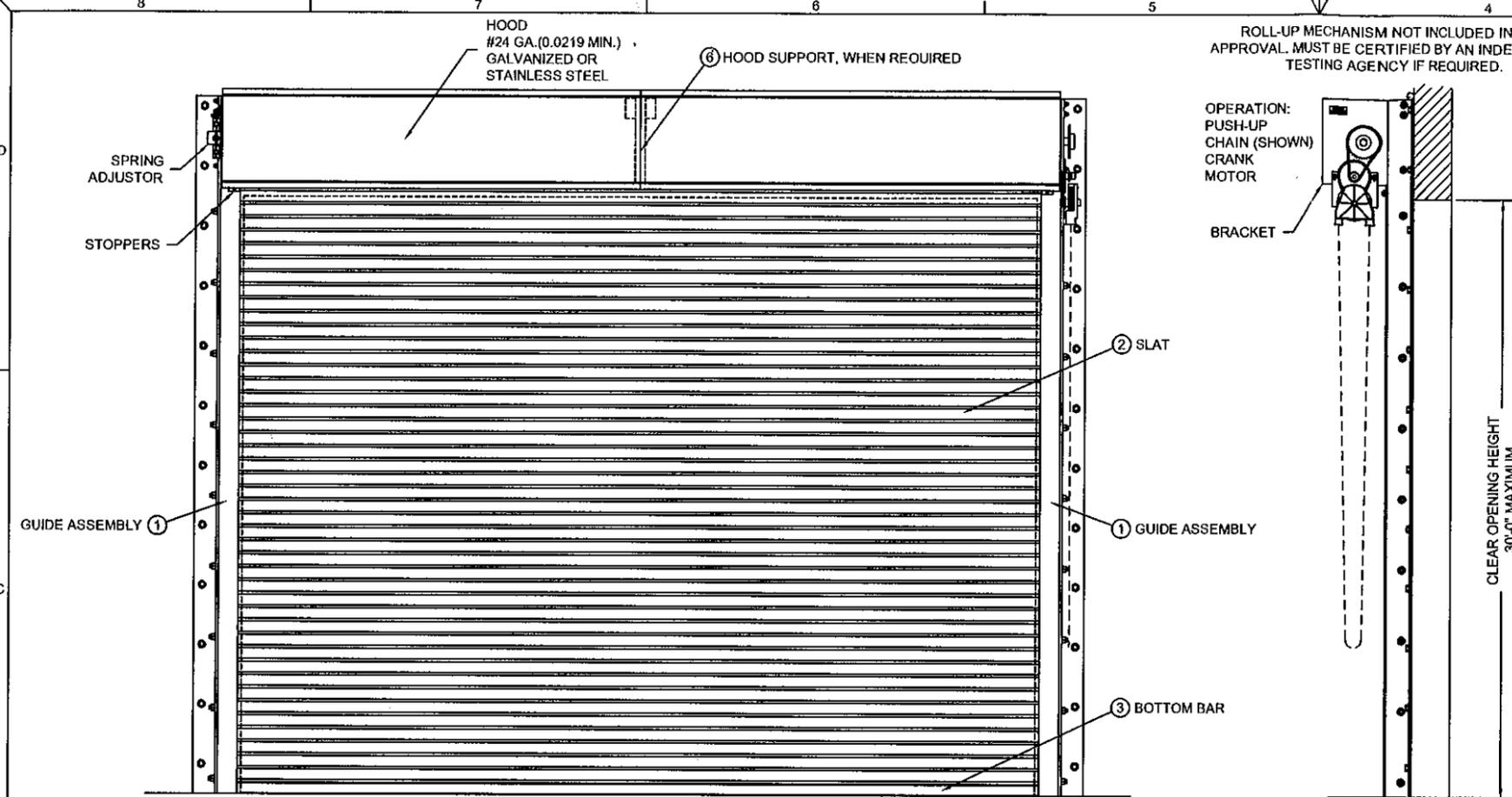
1. Notice of acceptance No. **08-0529.04**, issued to Cornell Iron Works, Inc., approved on 09/18/08 and expiring on 09/18/13.

  
02/09/11

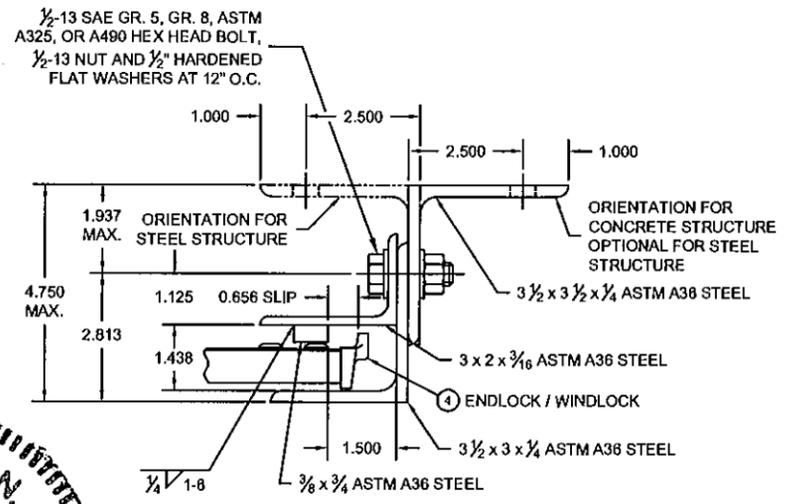
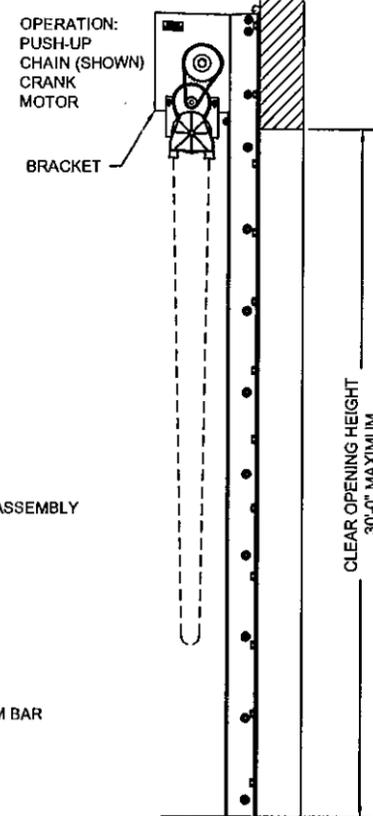
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 10-1209.02

Expiration Date: September 18, 2013  
Approval Date: March 03, 2011

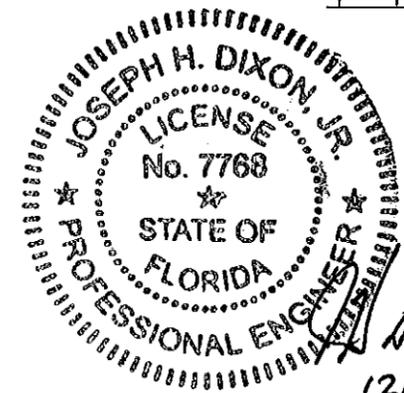
LTR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	05/22/2008	R.M.	*
A	REVISED NOTES SECTION	07/10/2008	R.M.	*
B	ADDED NOTE 10 PER DADE CO. FAX ON 08/15/08	08/18/2008	R.M.	*
C	REVISED CURTAIN TO G40 GALVANIZED	11/23/2010	R.M.	*



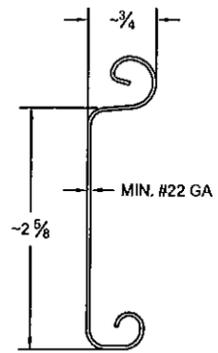
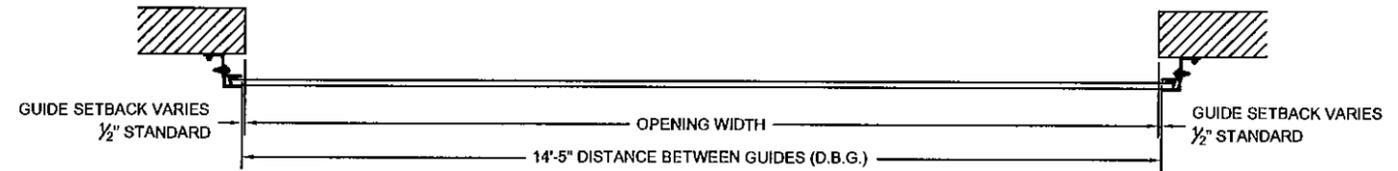
ROLL-UP MECHANISM NOT INCLUDED IN THIS APPROVAL. MUST BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY IF REQUIRED.



1 GUIDE ASSEMBLY DETAIL  
1/2 SCALE

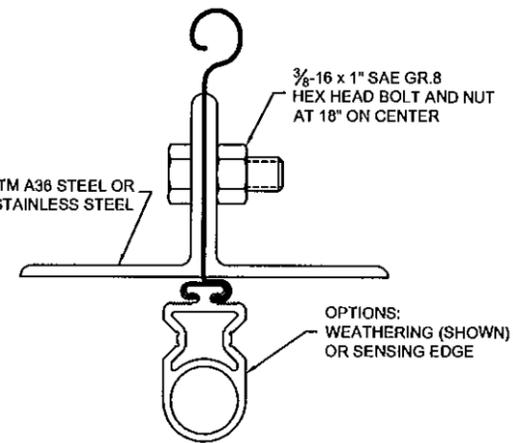


*Signature*  
12/6/10

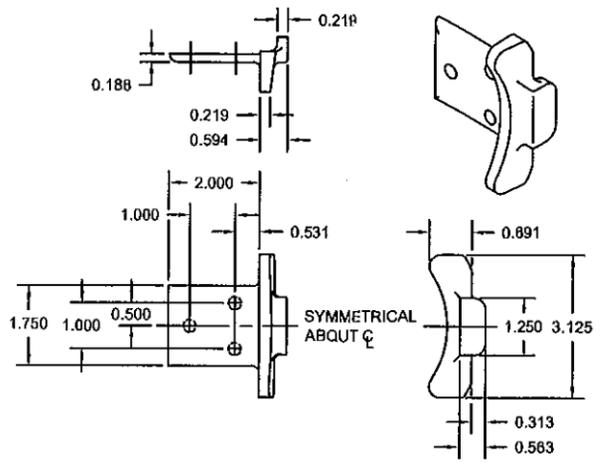


2 SLAT DETAIL  
TYPICAL SECTION

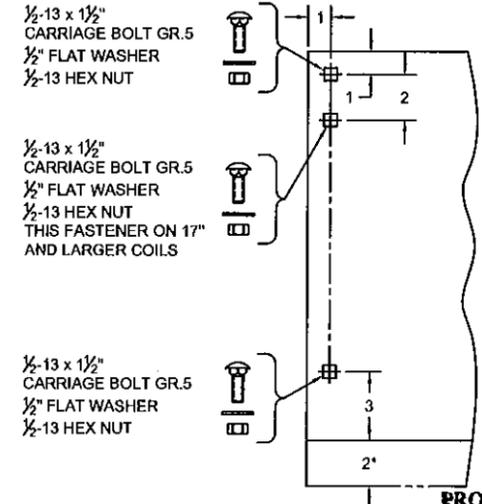
ASTM A853 HSLAS TYPE B GRADE 40 G40 OR  
ASTM A853 HSLAS TYPE A GRADE 40 G40 OR  
ASTM A853 STRUCTURAL STEEL GRADE 40 G40  
OR TYPE 304 / UNS S30400 STAINLESS STEEL (MIN. YIELD 40,000 psi)  
OR TYPE 430 / UNS S43000 STAINLESS STEEL (MIN. YIELD 40,000 psi)  
OR TYPE 201 / UNS S20100 STAINLESS STEEL (MIN. YIELD 40,000 psi)  
FULL SCALE



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, D90 ZINC COATING.  
1/2 SCALE



5 BRACKET MOUNTING DETAIL  
0.172 MIN. THICKNESS  
\* 2\"/>

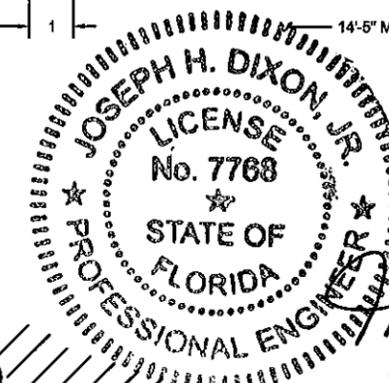
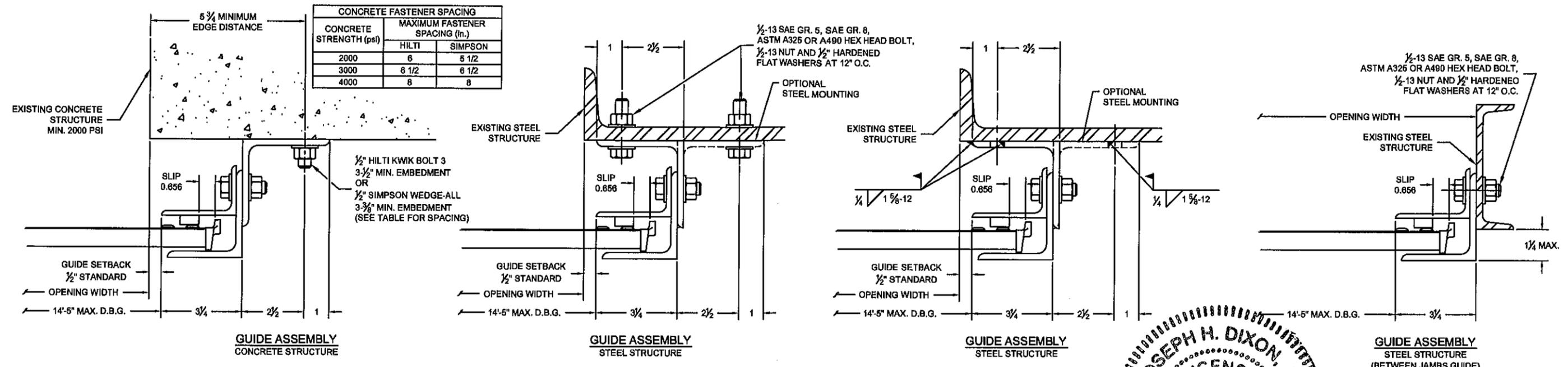
- NOTES:
1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE, AS A LARGE MISSILE IMPACT RESISTANT SYSTEM.
  2. POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED FOR SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND 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 TAS 201, 202, AND 203.  
POSITIVE DESIGN LOAD = 60 PSF  
NEGATIVE DESIGN LOAD = 60 PSF
  4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC (YORK, PA) TEST REPORT NO. 78233.01-109-10.
  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 LOADS 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 E705-8.
  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.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 10-1209-03  
Expiration Date 07/18/2013  
By *Signature*  
Miami Dade Product Control

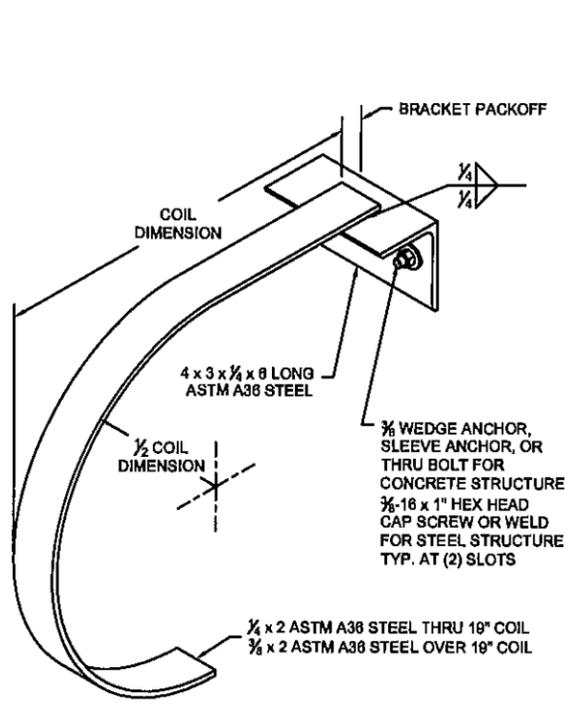
<b>CORNELL</b>		100 ELMWOOD AVENUE CRESTWOOD INDUSTRIAL PARK MOUNTAINTOP, PA 18707	
TITLE		DADE COUNTY APPROVED	
14'-5" 60 PSF UNINSULATED		ROLLING STEEL DOOR	
SIZE	DRAWN	DWG NO	REV
D	R. MAGGIO	ES16-37-01	C
SCALE		SHEET 1 OF 2	
AS NOTED			

LTR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	05/22/2008	R.M.	*
A	REVISED HILTI ANCHOR SPACING	07/10/2008	R.M.	*
B	ADDED OPTIONAL BETWEEN JAMBS GUIDE MOUNTING TO STEEL	11/23/2010	R.M.	*

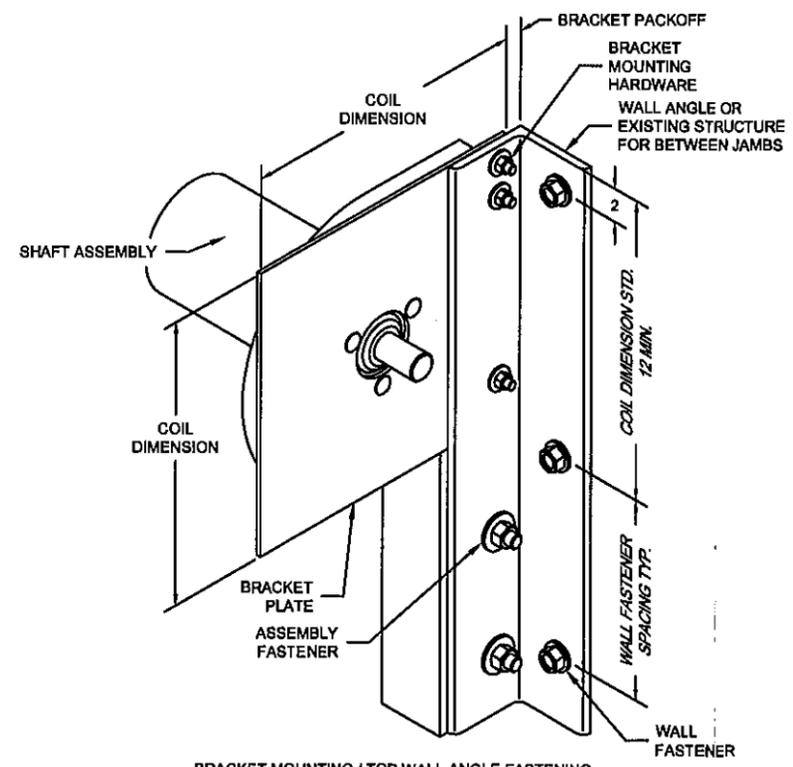
CONCRETE STRENGTH (psi)	MAXIMUM FASTENER SPACING (in.)	
	HILTI	SIMPSON
2000	6	5 1/2
3000	8 1/2	8 1/2
4000	8	8



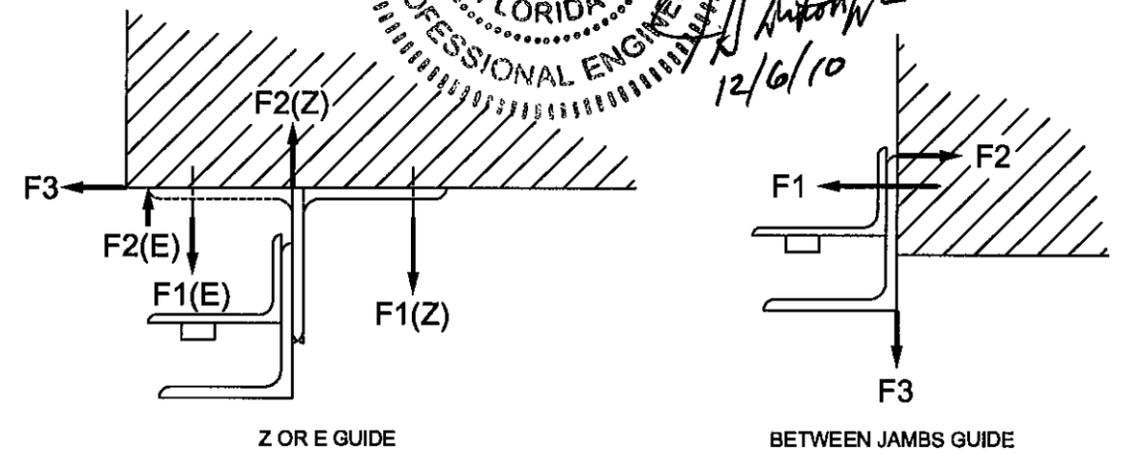
*[Handwritten Signature]*  
12/6/10



**MID-HOOD SUPPORT**  
(WHEN REQUIRED)  
"D" SHAPE DEPICTED, SQUARE STYLE ALSO AVAILABLE  
SCALE: NTS



**BRACKET MOUNTING / TOP WALL ANGLE FASTENING**  
BRACKET MOUNTING PER DETAIL 8 DEPICTED,  
OTHER BRACKET MOUNTINGS ARE AVAILABLE  
SCALE: NTS



Z-GUIDE			E-GUIDE			BETWEEN JAMBS GUIDE											
POSITIVE			NEGATIVE			POSITIVE			NEGATIVE								
F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3			
1673	1232	1877	2747	3188	1677	5815	5174	1677	5434	5875	1677	2897	1280	432	6722	5105	432

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

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 10-1209-02  
Expiration Date 02/18/2013  
By *[Signature]*  
Miami Dade Product Control

**CORNELL** 100 ELMWOOD AVENUE  
CRESTWOOD INDUSTRIAL PARK  
MOUNTAINTOP, PA 18707

TITLE: **DADE COUNTY APPROVED**  
14'-5" 60 PSF UNINSULATED  
ROLLING STEEL DOOR

SIZE (DRAWN) DWG NO. REV  
D R. MAGGIO ES16-37-02 B

SCALE: 1:4 SHEET 2 OF 2