



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

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: 25'-5" Wide Steel Roll-up Door

APPROVAL DOCUMENT: Drawing No. **ES16-3-01/02**, titled "Dade County Approved 25'-5" wide 60 psf Rolling Steel Door", sheets 1 and 2 of 2, dated 06/27/02, with revision F 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 # 09-0210.06** and consists of this page I 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. 10-1209.03
Expiration Date: December 19, 2012
Approval Date: March 03, 2011
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **ES16-3-01/02**, titled "Dade County Approved 25'-5" wide 60 psf Rolling Steel Door", sheets 1 and 2 of 2, dated 06/27/02, with revision F 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 # 02-0814.01"

2. 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., Test Report No. **01-39587.05**, dated 04/30/02, signed and sealed by A. N. Reeves, P.E.
3. Test report Tension Test per ASTM E8 on 0.036" Galvanized Steel, prepared by Architectural Testing Inc., Test Report No. **01-39587.06**, dated 04/30/02, signed and sealed by A. N. Reeves, P.E.

C. CALCULATIONS

1. Between-jamb guide anchoring calculations and structural analysis, dated 11/13/10, prepared, signed and sealed by Joseph H. Dixon, Jr., P.E.
2. 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.
"Submitted under NOA # 09-0210.06"

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

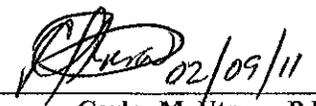
1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2007 FBC, 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. **09-0210.06**, issued to Cornell Iron Works, Inc., approved on 04/01/09 and expiring on 12/19/12.

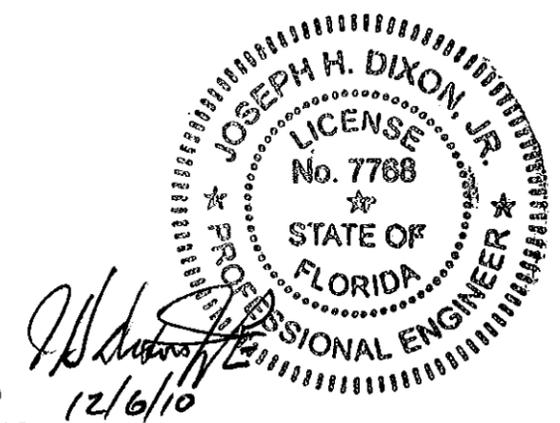
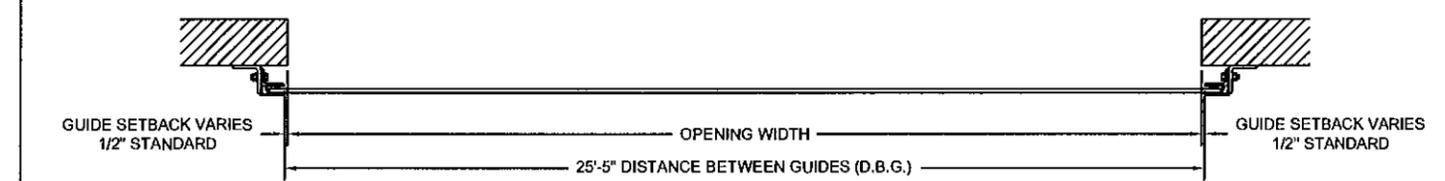
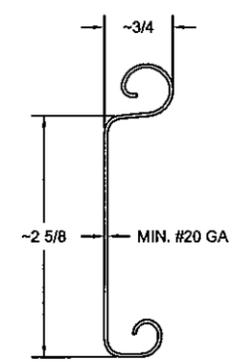
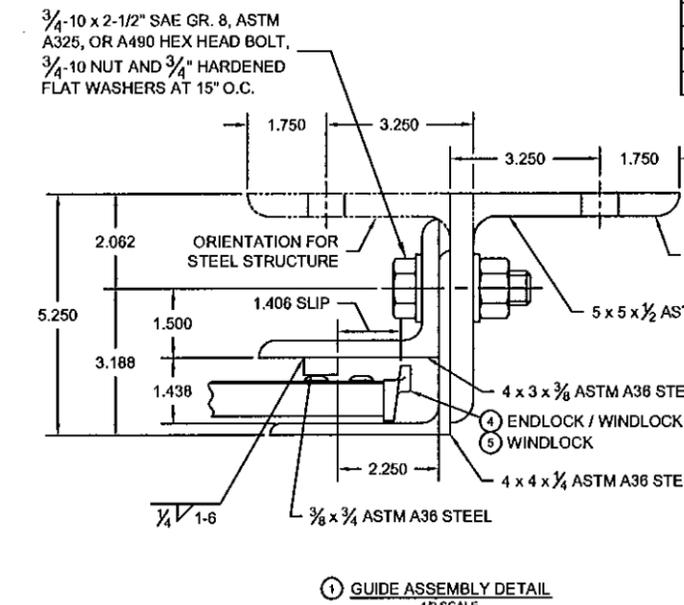
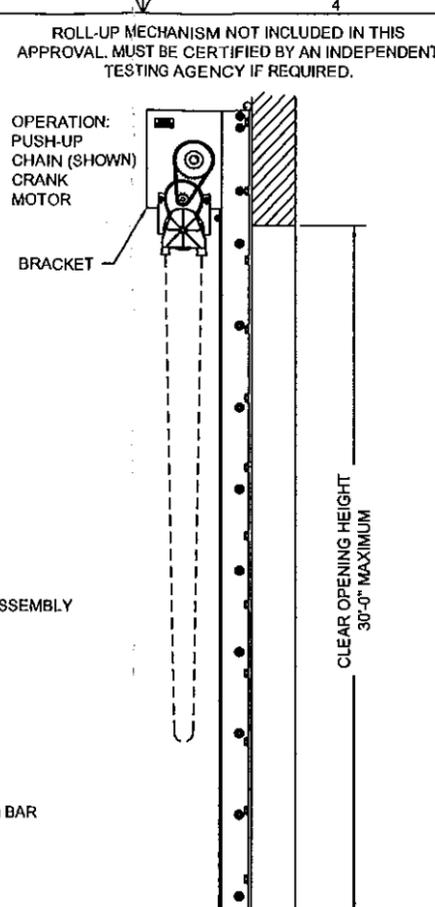
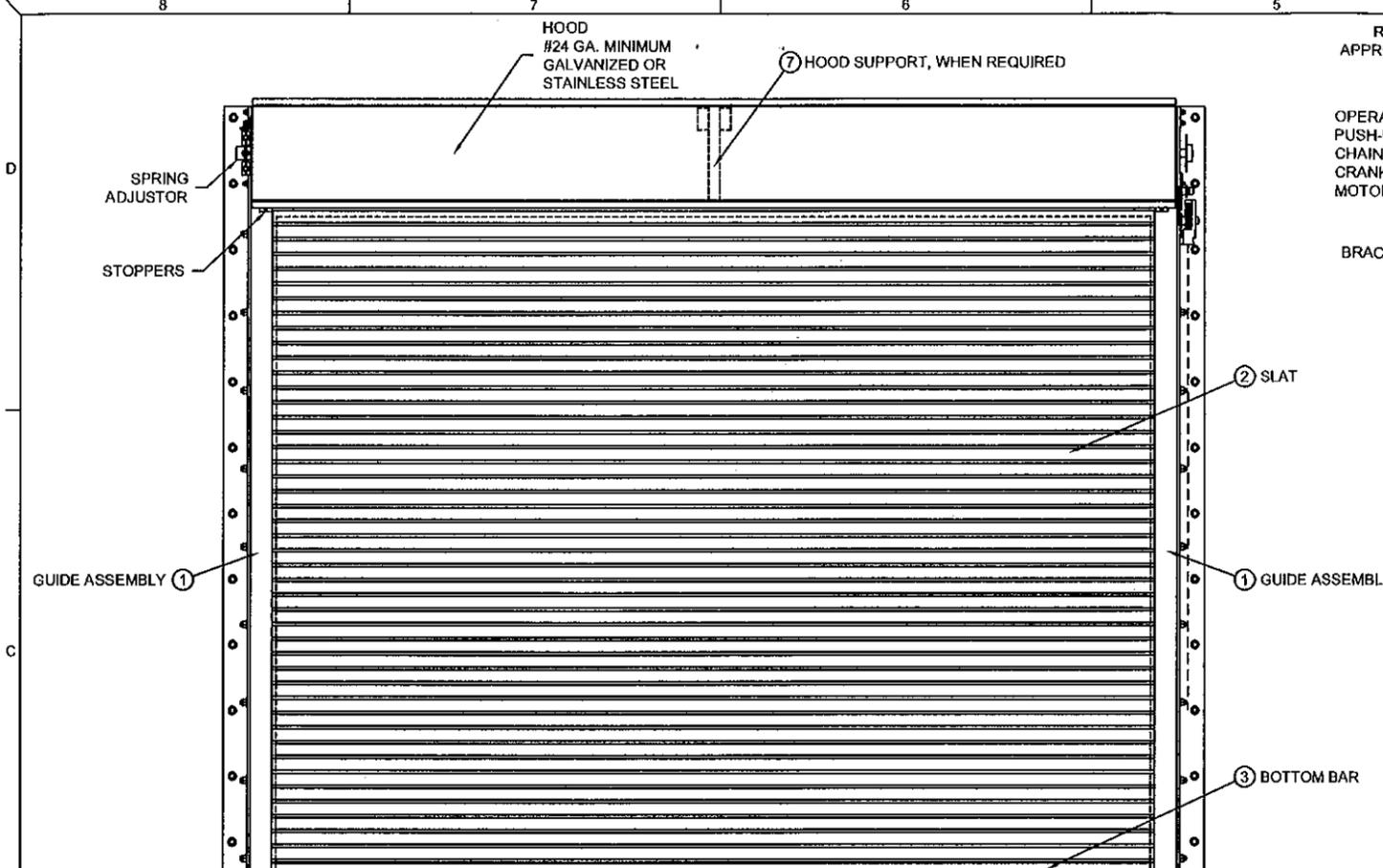


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 10-1209.03

Expiration Date: December 19, 2012

Approval Date: March 03, 2011

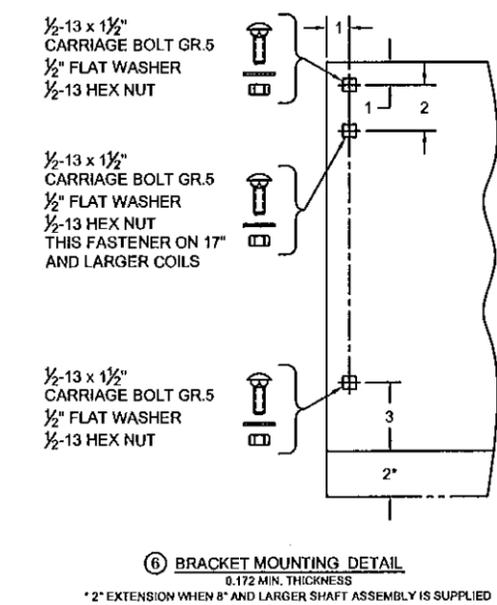
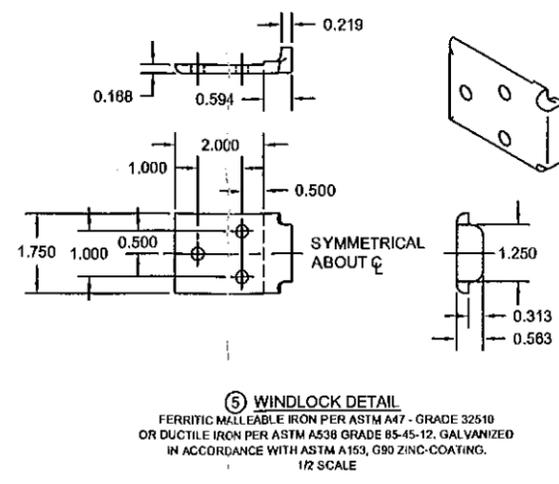
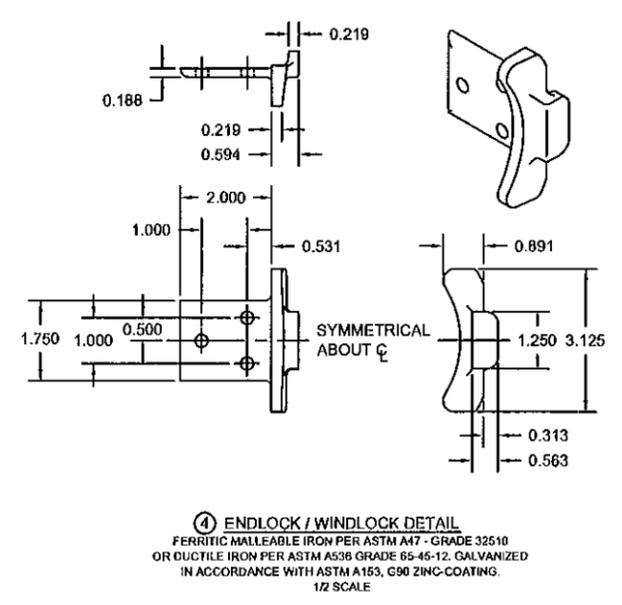
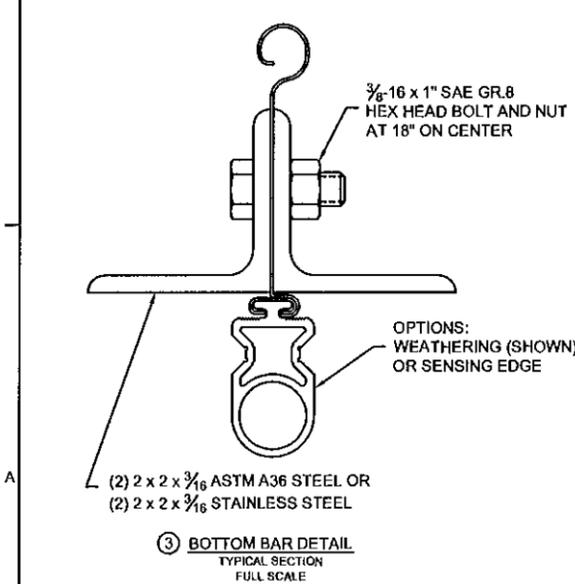
LTR	REVISION	DATE	BY	E.C.O.
A	ORIGINAL ISSUE	06/27/02	BRK	0945
B	ADDED DRAWING NUMBER	11/04/02	BRK	0945
C	ADDED NOTE 10	08/13/2005	R.M.	1197
D	REVISED PER DADE COUNTY NOTES	05/15/2008	R.M.	1197
E	REVISED NOTE 1 TO INCLUDE 2005 & 2006 SUPPLEMENTS	07/30/2007	R.M.	****
F	REVISED FOR 2007 FLORIDA BUILDING CODE	10/08/2008	BPR	****
G	REVISED CURTAIN TO G40 GALVANIZED	11/23/2010	R.M.	****



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 10-1209.03 Expiration Date 12/19/2012

By *[Signature]* Miami Dade Product Control

- NOTES:
- THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE LATEST EDITION FLORIDA BUILDING CODE, AS A LARGE MISSILE IMPACT RESISTANT SYSTEM.
 - 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.
 - 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 = 60 PSF.
 - TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (YORK, PENNSYLVANIA) TEST REPORT No. 01-39587.05 AND 01-39587.06.
 - 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.
 - 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-8.
 - ANCHOR NOTES:
A. EMBEDMENT DEPTH DOES NOT INCLUDE STUCCO FINISH.
B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 - DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL.
 - A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.



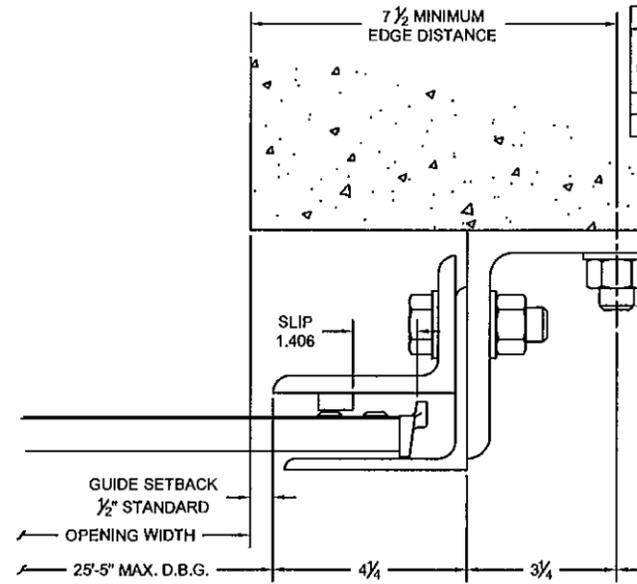
CORNELL 100 ELMWOOD AVENUE CRESTWOOD INDUSTRIAL PARK MOUNTAINTOP, PA 18707

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

SIZE: D B. KATCHUR DWG NO: ES16-3-01 REV: F

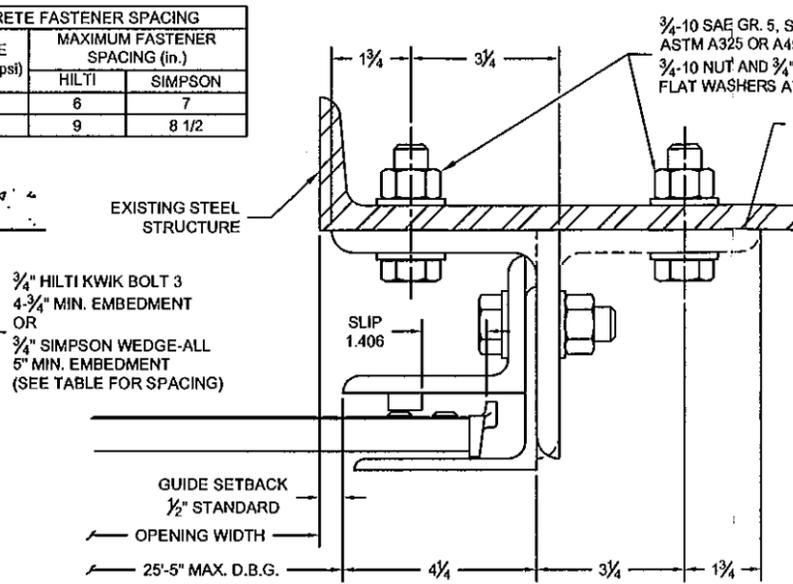
SCALE: AS NOTED SHEET 1 OF 2

LTR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	06/27/02	BRK	0945
A	ADDED DRAWING NUMBER, ADDED SLIP TO GUIDE DETAILS	11/04/02	BRK	0945
B	REVISED MASONRY FASTENERS.	06/13/2005	R.M.	1197
C	REVISED PER DADE COUNTY	05/15/2006	R.M.	1197
D	REVISED NOTES ON PAGE 1	07/30/2007	R.M.	****
E	REVISED FOR 2007 FLORIDA BUILDING CODE	10/08/2008	BPR	****
F	ADDED OPTIONAL BETWEEN JAMBS GUIDE MOUNTING TO STEEL	11/23/2010	R.M.	****

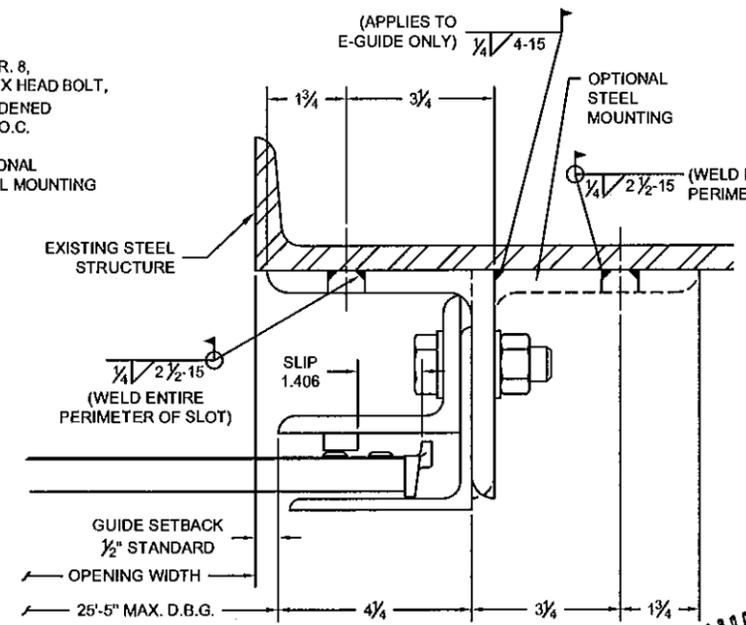


**GUIDE ASSEMBLY
CONCRETE STRUCTURE**

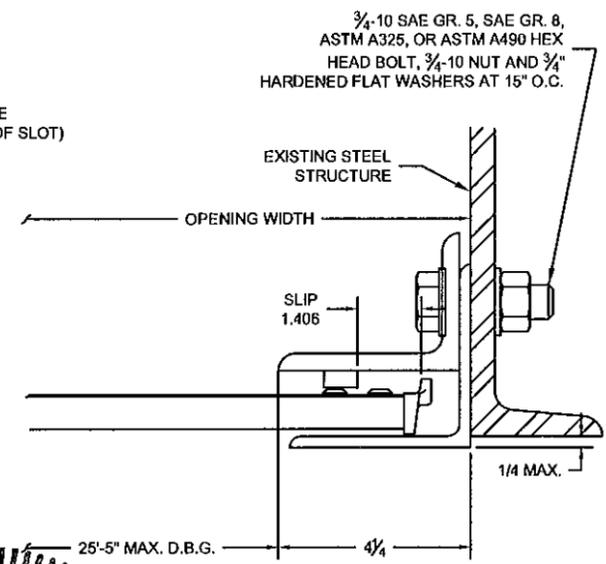
CONCRETE STRENGTH (psi)	MAXIMUM FASTENER SPACING (in.)	
	HILTI	SIMPSON
3000	6	7
4000	9	8 1/2



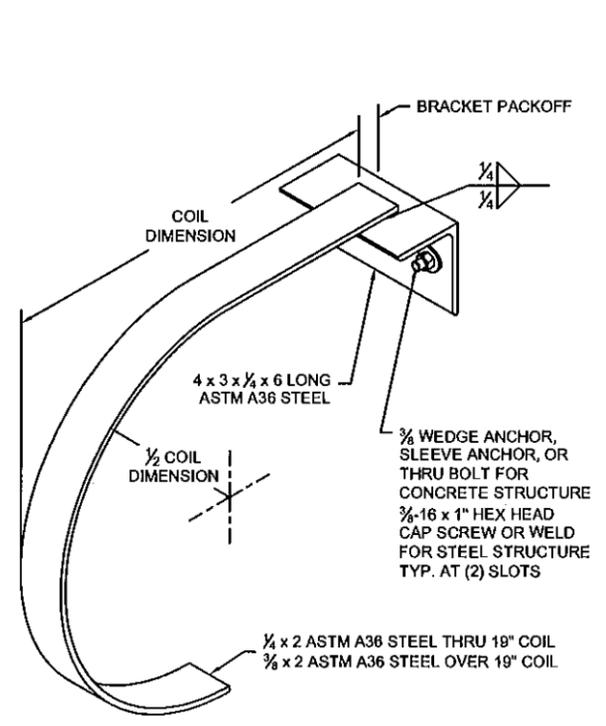
**GUIDE ASSEMBLY
STEEL STRUCTURE**



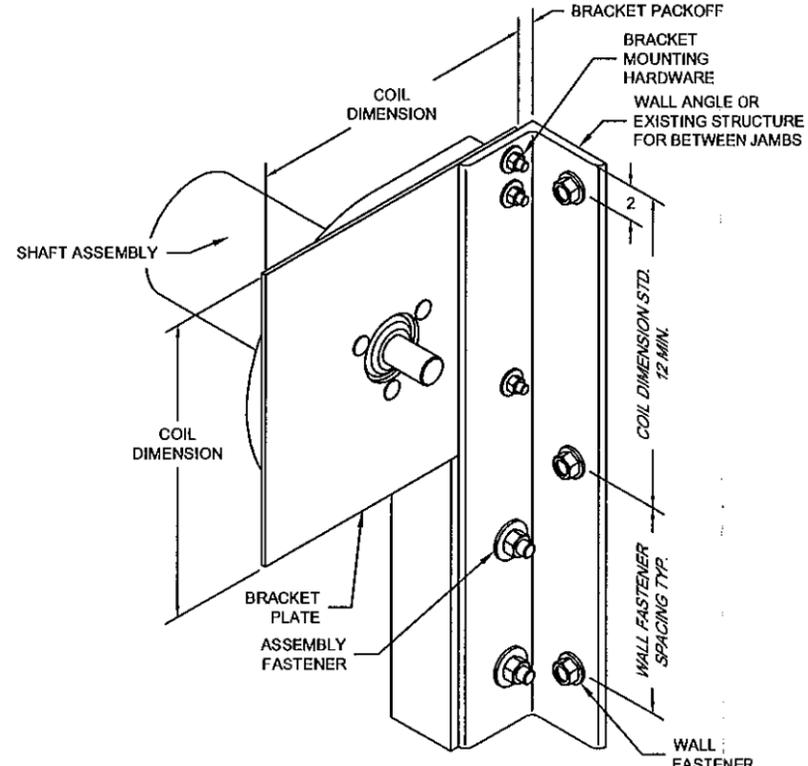
**GUIDE ASSEMBLY
STEEL STRUCTURE**



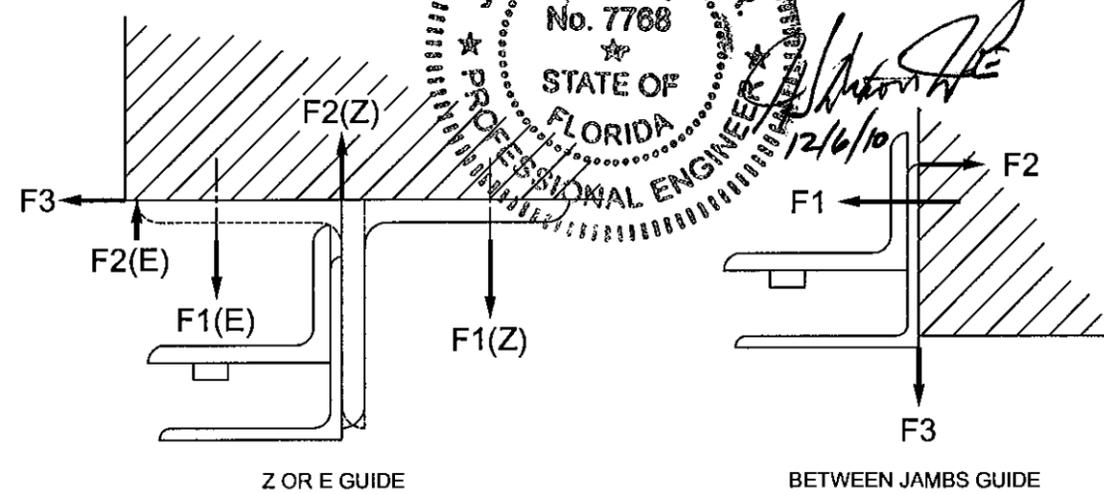
**GUIDE ASSEMBLY
STEEL STRUCTURE
(BETWEEN JAMBS GUIDE)**



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

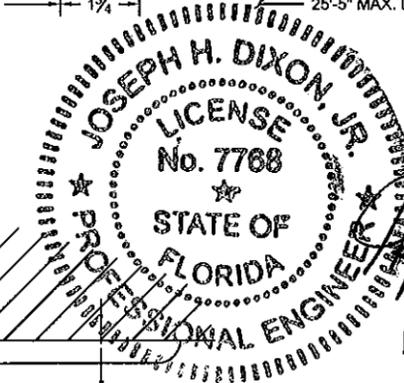


BRACKET MOUNTING / TOP WALL ANGLE FASTENING
BRACKET MOUNTING PER DETAIL 6 DEPICTED,
OTHER BRACKET MOUNTINGS ARE AVAILABLE
SCALE: NTS



UNREDUCED WIND FORCES ON BUILDING STRUCTURE (LBS / FOOT OF HEIGHT)																	
Z-GUIDE						E-GUIDE						BETWEEN JAMBS GUIDE					
POSITIVE			NEGATIVE			POSITIVE			NEGATIVE			POSITIVE		NEGATIVE			
F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3			
2644	1881	3079	4493	5255	3079	6870	6108	3079	6383	7146	3079	5859	2774	762	13262	10177	762

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 10-1209.03
Expiration Date 12/19/2012
By *[Signature]*
Miami Dade Product Control

CORNELL 100 ELMWOOD AVENUE
CRESTWOOD INDUSTRIAL PARK
MOUNTAINTOP, PA 18707

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

SIZE	DRAWN	DWG NO	REV
D	B. KATCHUR	ES16-3-02	F
SCALE	AS NOTED		SHEET 2 OF 2