



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

South Florida Rolling Doors, Inc.
3590 NW 34 Street
Miami, FL 33142

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: 22 ga Steel Roll-up Door up to 22'-0" Wide with Optional Insulated Slats

APPROVAL DOCUMENT: Drawing No. **09-07**, titled "Rolling Type Garage Door", sheets 1 through 4 of 4, dated 08/27/2009, with revision C dated 04/05/2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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: 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 revises **NOA #14-0909.10** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



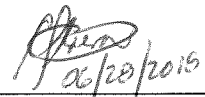
Signature
10/29/2018

NOA No. 18-0510.04
Expiration Date: December 2, 2019
Approval Date: June 28, 2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. **Evidence submitted under previous NOA's**
 - A. **DRAWINGS "Submitted under NOA #14-0909.10"**
 1. Drawing No. **09-07**, titled "Rolling Type Garage Door", sheets 1 through 4 of 4, dated 08/27/2009, with revision B dated 08/25/2014, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
 - B. **TESTS "Submitted under NOA # 09-0928.05"**
 1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Forced Entry Test, per SFBC 3603.2,
along with marked-up drawings and installation diagram of Flat Slat Rolling Doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2221**, dated 12/11/2008, signed and sealed by Candido F. Font, P.E.
 2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of Flat Slat Rolling Doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2222**, dated 12/11/2008, signed and sealed by Candido F. Font, P.E.
 3. Test report on Tensile Test of 22 Gage Galvanized Steel per ASTM E 8-01, prepared by Hurricane Engineering & Testing, Inc, Test Report No. **HETI-08-T176**, dated on 12/16/2008, signed and sealed by Candido F. Font, P.E.
 - C. **CALCULATIONS "Submitted under NOA #14-0909.10"**
 1. Calculations of Series 22' Rolling Steel Door, prepared by Al-Farooq Corporation, dated 08/22/2014, signed and sealed by Javad Ahmad, P.E.

"Submitted under NOA # 09-0928.05"
 2. Calculations of Series 22' Rolling Steel Door, prepared by Al-Farooq Corporation, dated 08/28/2009, signed and sealed by Arshad Viqar, P.E.
 - D. **QUALITY ASSURANCE**
 1. Miami-Dade Department of Regulatory and Economic Resources (RER)
 - E. **MATERIAL CERTIFICATIONS**
 1. None.
 - F. **STATEMENTS "Submitted under NOA #14-0909.10"**
 1. Statement letter of code conformance to the 5th edition (2014) FBC and no financial interest, prepared by Al-Farooq Corporation, dated 08/22/2014, signed and sealed by Javad Ahmad, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0510.04
Expiration Date: December 2, 2019
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2. New evidence submitted

A. DRAWINGS

1. Drawing No. **09-07**, titled "Rolling Type Garage Door", sheets 1 through 4 of 4, dated 08/27/2009, with revision C dated 04/05/2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 6th edition (2017) FBC and of no financial interest, prepared by Al-Farooq Corporation, dated 03/27/2018, signed and sealed by Javad Ahmad, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0510.04
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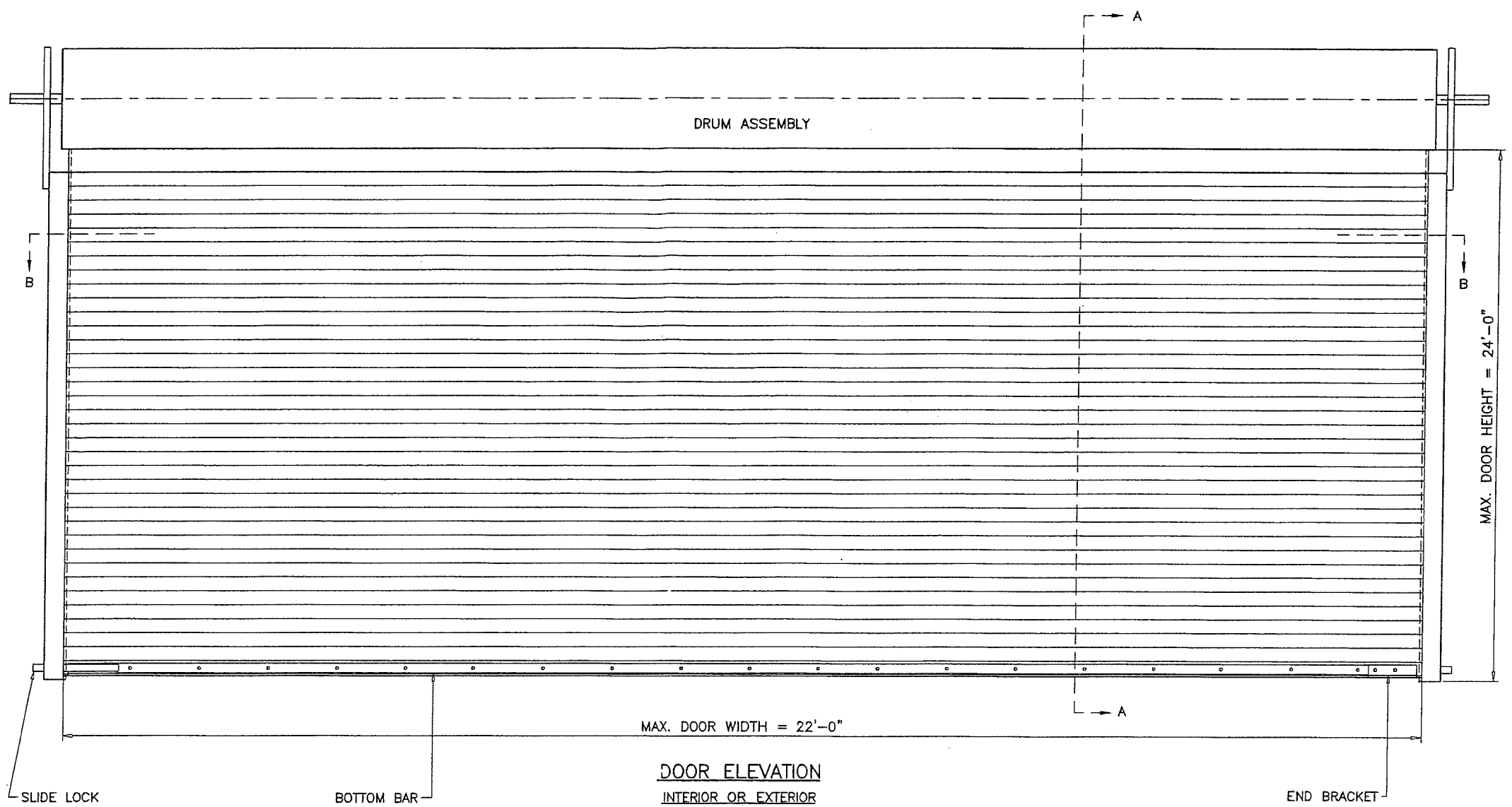
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978

GARAGE\09-07SRD

ROLLING TYPE GARAGE DOOR
SOUTH FLORIDA ROLLING DOORS, INC.
 3590 N.W. 34 STREET
 MIAMI, FL. 33142
 TEL. (305) 556-6633 FAX. (305) 556-2609

no	date	description
A	12.12.11	UPDATED TO 2010 FBC
B	08.25.14	UPDATED TO 2014 FBC
C	04.05.18	UPDATED TO 2017 FBC

date:	08-27-09
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	
drawing no.	09-07
sheet 1 of	4



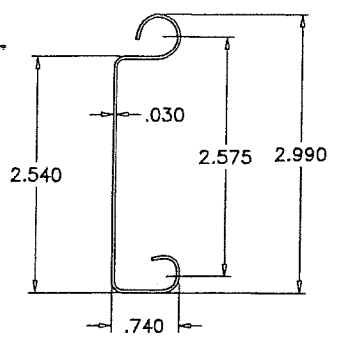
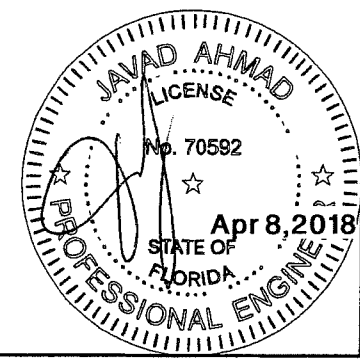
MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
 (FOR SIZES SHOWN OR SMALLER) - 60.0 PSF

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

GENERAL NOTES

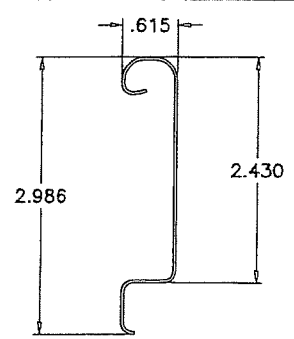
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. GUIDE AND WALL ANGLES SHALL CONFORM TO ASTM A-36.
4. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC PLATED CARBON STEEL.
5. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
6. SLIDE BOLT (1/4" THICK LATCH) IS INSTALLED AT EACH END BOTTOM, AND SHALL BE ENGAGED DURING HURRICANE WINDS.
7. ALL WELDING TO CONFORM TO AWS LATEST REGULATIONS AND F.B.C. USE E70XX ELECTRODES AND 3/16" FILLET SIZE.

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. **18-0510.04**
 Expiration Date **12/02/2019**
 By *[Signature]*
 Miami-Dade Product Control



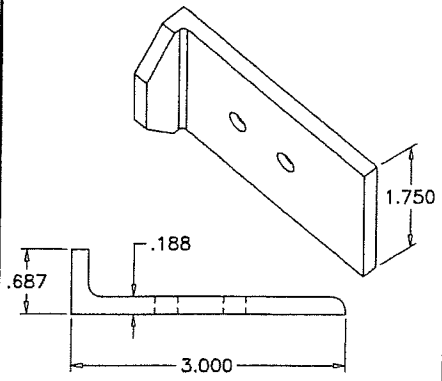
SLAT

22 GA. COLD FORMED STEEL (ASTM A653)
 MIN. YIELD STRENGTH OF 50000 PSI
 GALVANIZED ACCORDING TO ASTM A-525
 WITH A COATING DESIGNATION OF G-90
 EXTERIOR AND INTERIOR



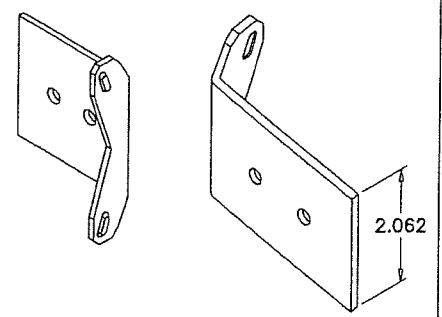
INSULATED SLAT COVER

24 GA. COLD FORMED STEEL



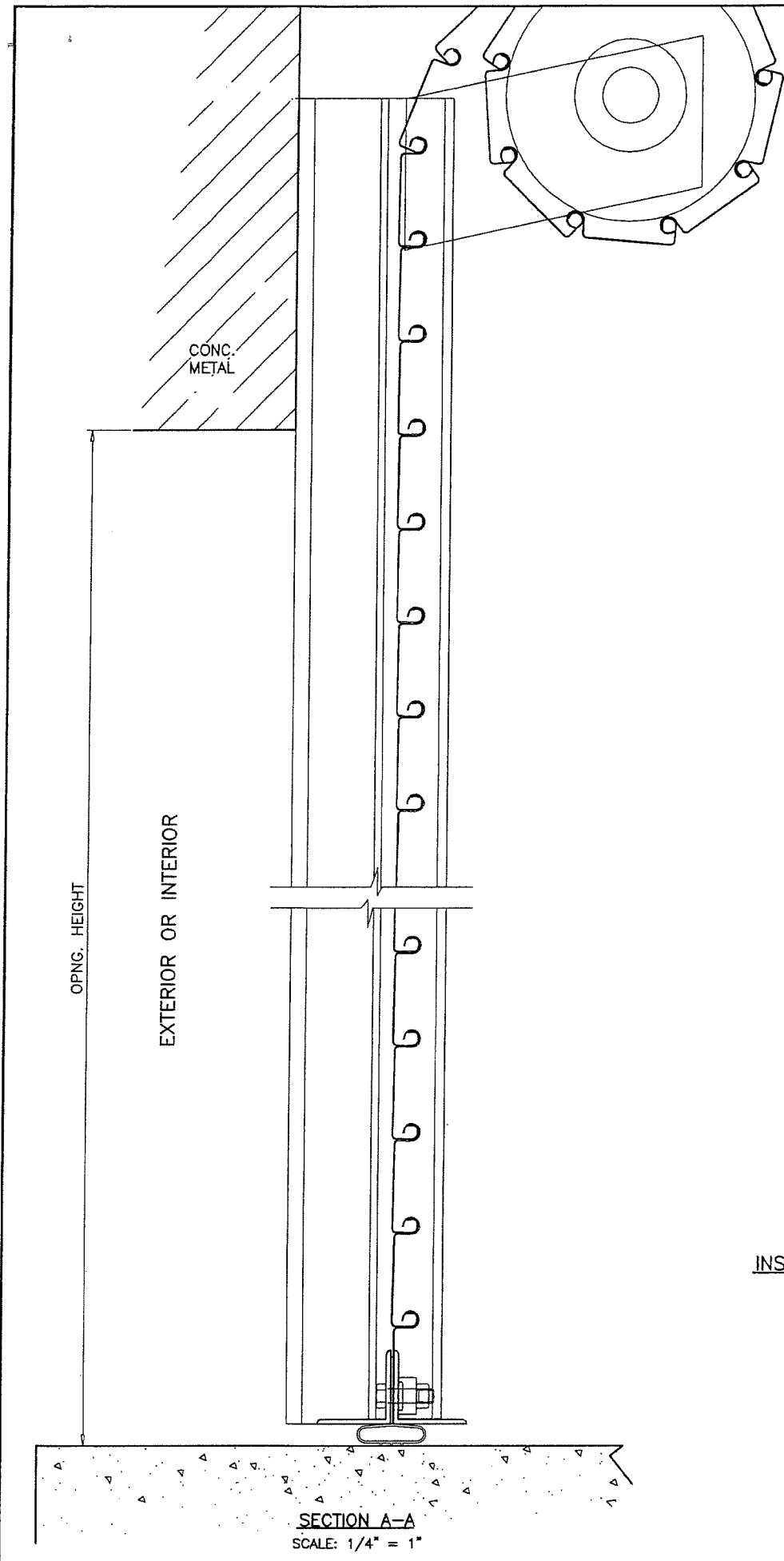
WIND LOCK 'A'

HOT ROLLED STEEL ANGLE

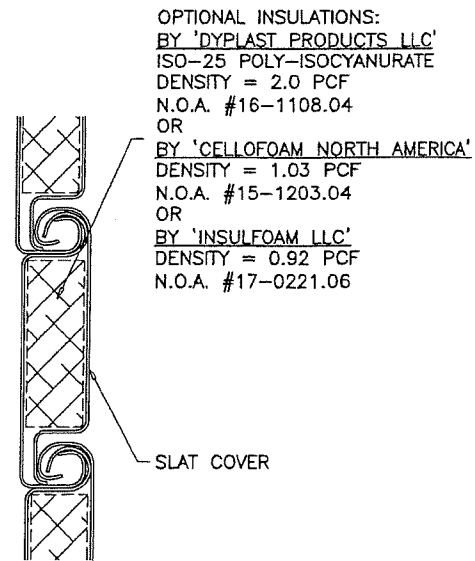


WIND LOCK 'B'

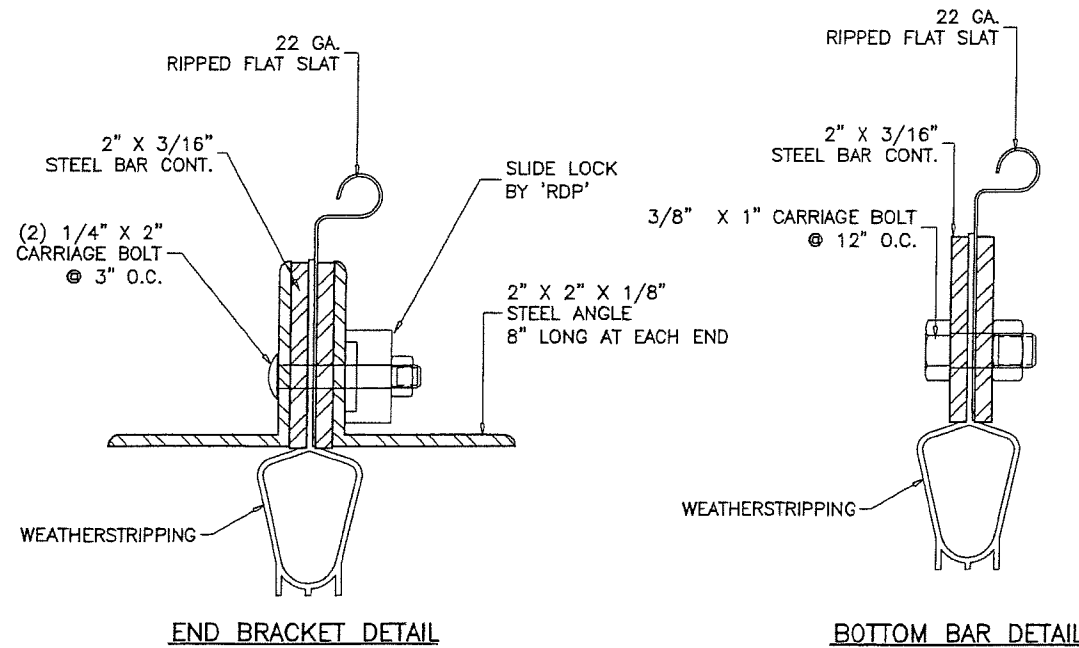
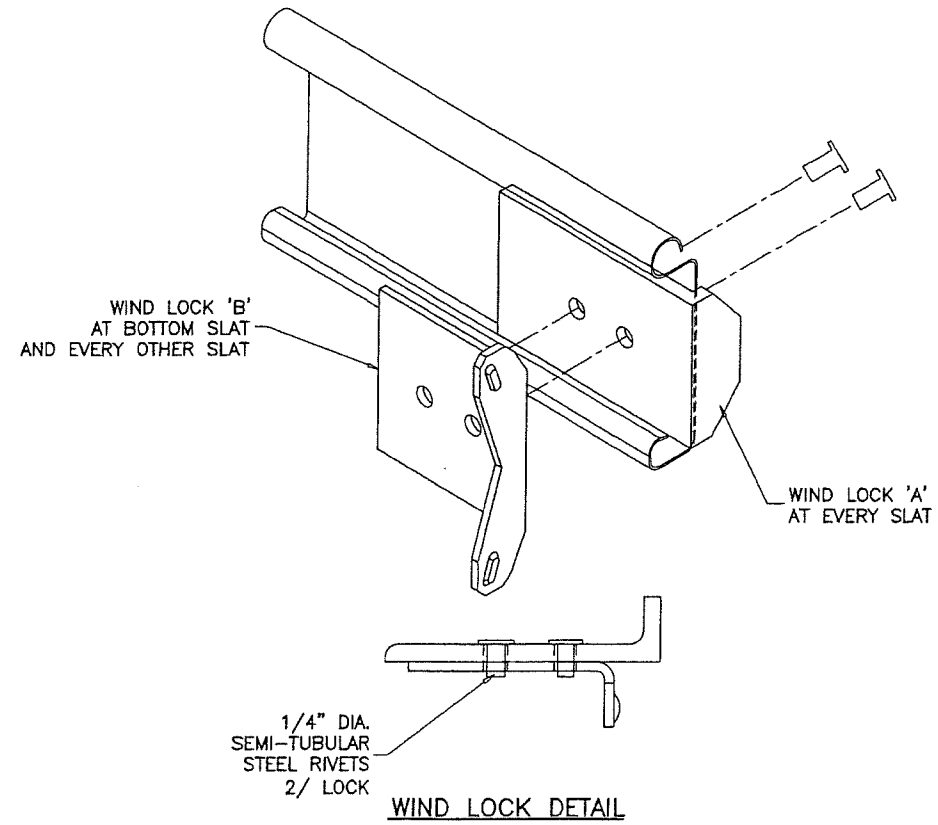
14 GA. COLD FORMED GALV. STEEL



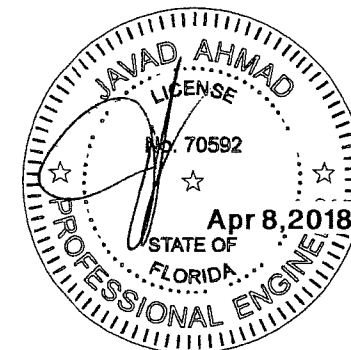
SECTION A-A
SCALE: 1/4" = 1"



INSULATED SLAT DETAIL
(OPTIONAL)



PRODUCT REVISED
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af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 GARAGE\09-07SRD

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SOUTH FLORIDA ROLLING DOORS, INC.
 3590 N.W. 34 STREET
 MIAMI, FL. 33142
 TEL. (305) 556-6633 FAX. (305) 556-2609

Revisions:

no	date	by	description
A	12.12.11		UPDATED TO 2010 FBC
B	08.25.14		UPDATED TO 2014 FBC
C	04.05.18		UPDATED TO 2017 FBC

date: 08-27-09
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
09-07
 sheet 2 of 4



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no.	date	description
A	12.12.11	NO CHANGE THIS SHEET
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 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no. 09-07
 sheet 3 of 4

5/8" DIA. SS KWIK BOLT 3 EXPANSION ANCHORS

MAXIMUM DOOR WIDTH	MINIMUM ANCHOR EMBEDMENT	'Z' GUIDE ANCHOR SPACING - INCHES			
		INTO 3000 PSI CONC.		INTO 4000 PSI CONC.	
		LOADS UPTO 50 PSF	LOADS UPTO 60 PSF	LOADS UPTO 50 PSF	LOADS UPTO 60 PSF
UPTO 14 FT.	4"	10	10	10	10
18 FT.	5.5"	10	10	10	10
22 FT.		10	7	10	8

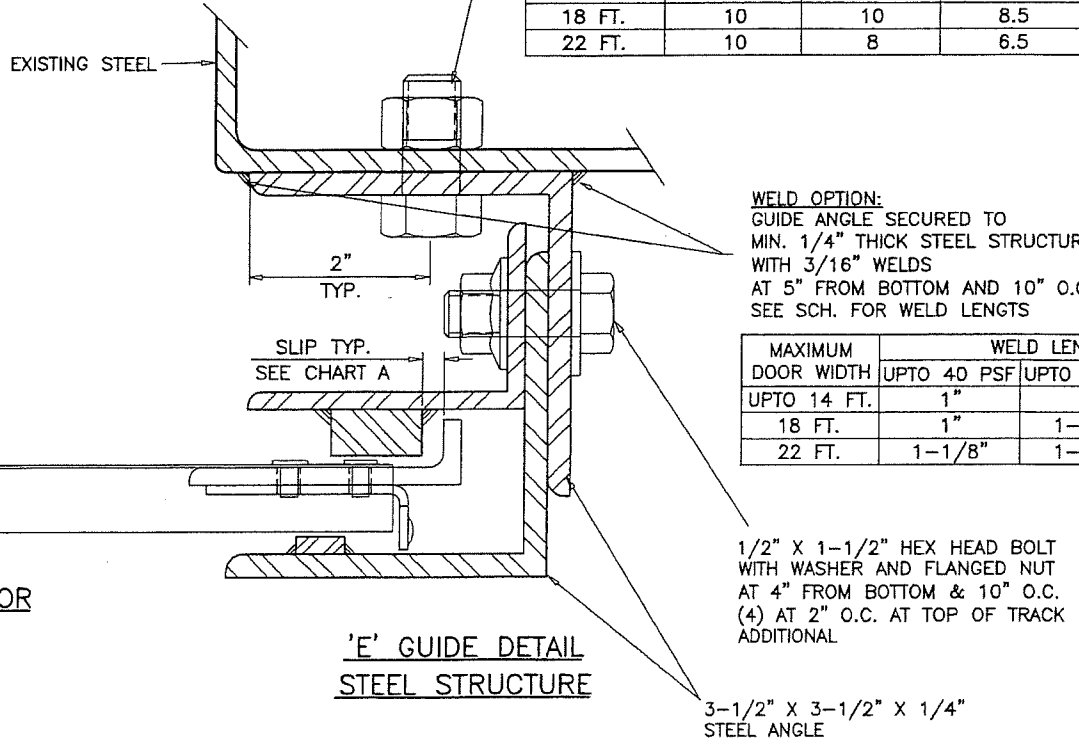
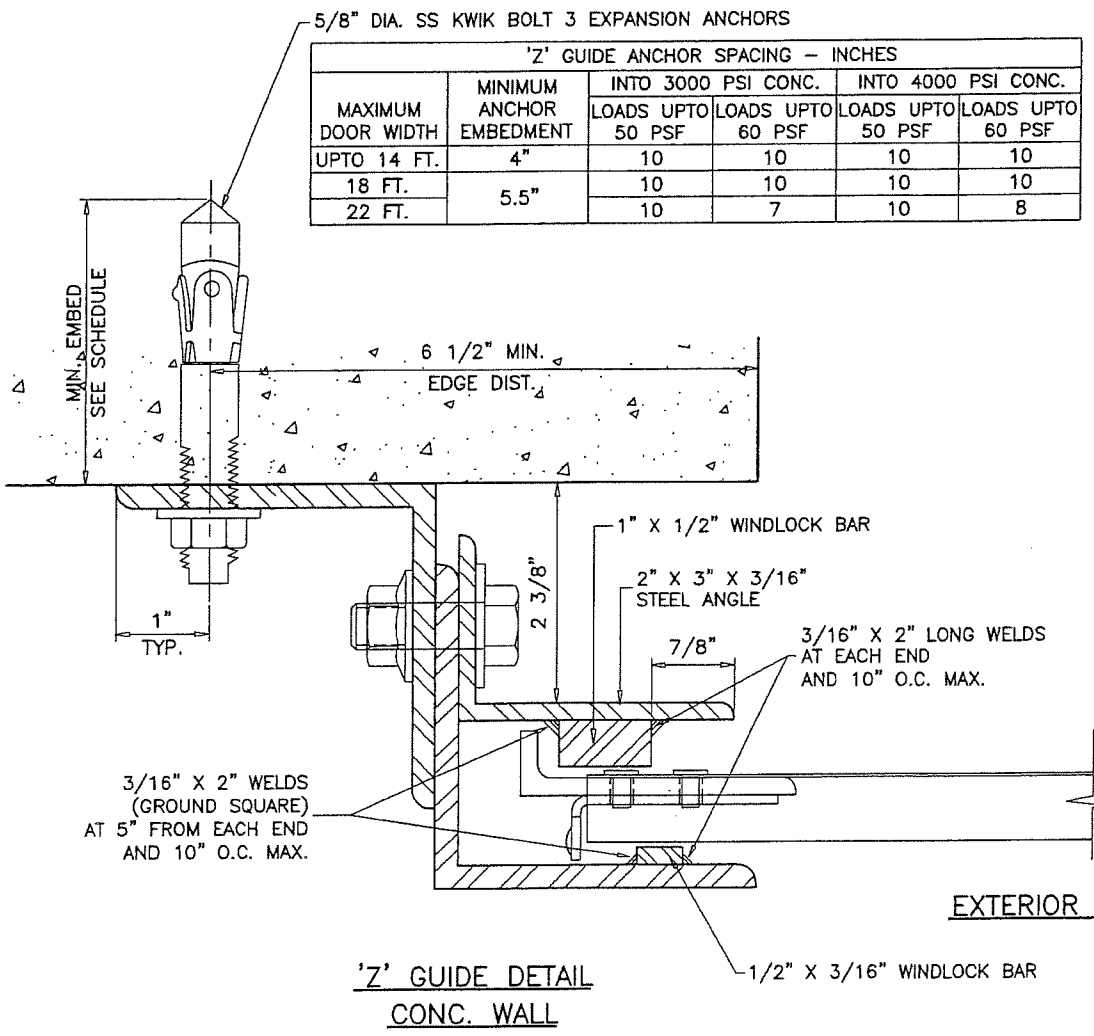
BOLT OPTION:
 5/8" DIA. MACHINE BOLTS (ASTM A449)
 TAPPED IN 1/4" MIN. STEEL

MAXIMUM DOOR WIDTH	ANCHOR SPACING-INCHES		
	UPTO 40 PSF	UPTO 50 PSF	UPTO 60 PSF
UPTO 14 FT.	10	10	10
18 FT.	10	10	8.5
22 FT.	10	8	6.5

WELD OPTION:
 GUIDE ANGLE SECURED TO MIN. 1/4" THICK STEEL STRUCTURE WITH 3/16" WELDS AT 5" FROM BOTTOM AND 10" O.C. SEE SCH. FOR WELD LENGTHS

MAXIMUM DOOR WIDTH	WELD LENGTHS		
	UPTO 40 PSF	UPTO 50 PSF	UPTO 60 PSF
UPTO 14 FT.	1"	1"	1"
18 FT.	1"	1-1/8"	1-1/4"
22 FT.	1-1/8"	1-1/4"	1-3/8"

1/2" X 1-1/2" HEX HEAD BOLT WITH WASHER AND FLANGED NUT AT 4" FROM BOTTOM & 10" O.C. (4) AT 2" O.C. AT TOP OF TRACK ADDITIONAL



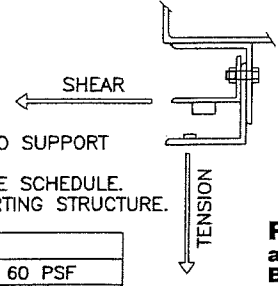
EXTERIOR OR INTERIOR

CHART 'A'

MAXIMUM DOOR WIDTH	SLIP INCHES
UPTO 14 FT.	1/2
18 FT.	5/8
22 FT.	3/4

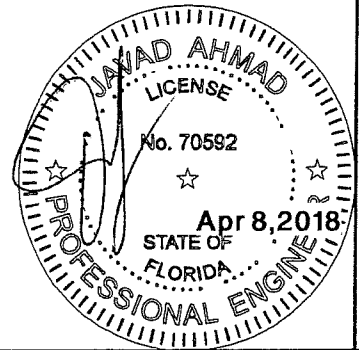
SUPPORTING STRUCTURE MUST BE DESIGNED TO SUPPORT SHEAR & TENSION FORCES AT EACH JAMB. FOR DESIGN VALUES OF SHEAR & TENSION SEE SCHEDULE. ARCH./ENGR. TO VERIFY ADEQUACY OF SUPPORTING STRUCTURE.

MAXIMUM DOOR WIDTH	FORCES ON GUIDE/FT.					
	40 PSF		50 PSF		60 PSF	
	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
UPTO 14 FT.	293	1018	367	1363	440	1702
18 FT.	373	1565	467	1995	560	2418
22 FT.	453	2024	567	2538	680	3043



GUIDE DETAILS CAN BE USED IN ANY COMBINATIONS.

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 By *[Signature]*
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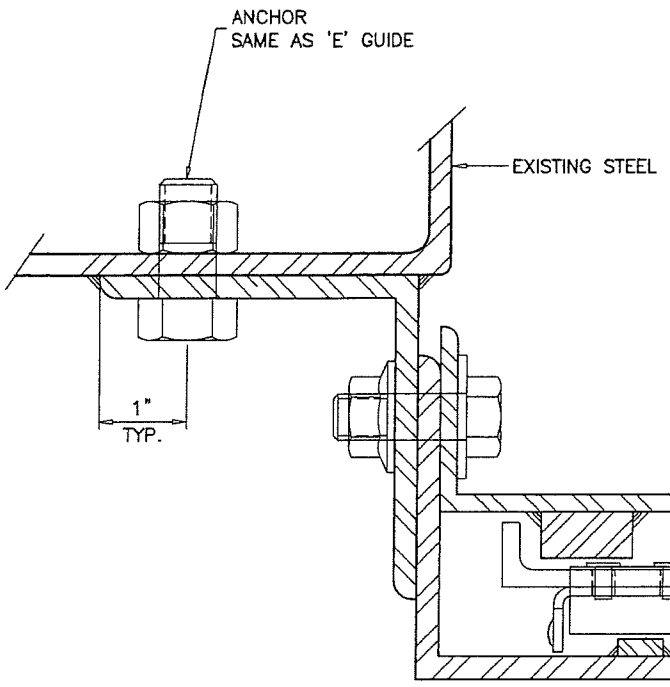
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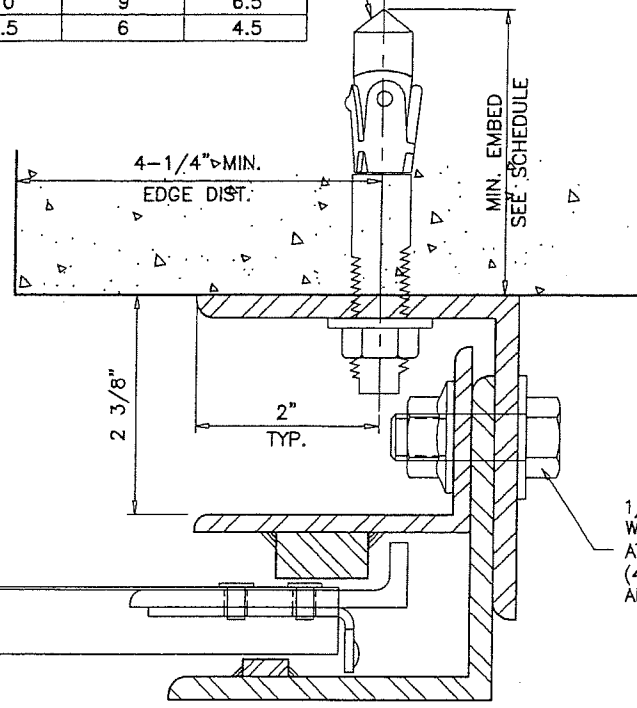
5/8" DIA. SS KWIK BOLT 3 EXPANSION ANCHOR

MAXIMUM DOOR WIDTH	MINIMUM ANCHOR EMBEDMENT	'E' GUIDE ANCHOR SPACING - INCHES					
		INTO 3000 PSI CONC.			INTO 4000 PSI CONC.		
		LOADS UPTO 40 PSF	LOADS UPTO 50 PSF	LOADS UPTO 60 PSF	LOADS UPTO 40 PSF	LOADS UPTO 50 PSF	LOADS UPTO 60 PSF
UPTO 14 FT.	5.5"	10	10	10	10	10	10
18 FT.		10	8	5.5	10	9	6.5
22 FT.		7.5	5	4	8.5	6	4.5



'Z' GUIDE DETAIL
STEEL STRUCTURE

EXTERIOR OR INTERIOR



'E' GUIDE DETAIL
CONC. WALL

1/2" X 1-1/2" HEX HEAD BOLT WITH WASHER AND FLANGED NUT AT 4" FROM BOTTOM & 10" O.C. (4) AT 2" O.C. AT TOP OF TRACK ADDITIONAL

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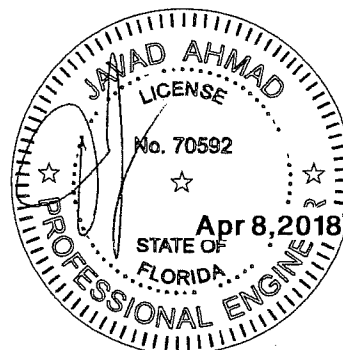
Revisions:

no.	date	by	description
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date: 08-27-09
 scale: 1/2" = 1"
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By *[Signature]*
 Miami-Dade Product Control



drawing no. **09-07**
 sheet 4 of 4