



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

South Florida Rolling Doors, Inc.
8900 NW 119 Street
Hialeah Gardens, FL 33018

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 Division 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 Division (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 Division 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' Wide

APPROVAL DOCUMENT: Drawing No. **09-07**, titled "Rolling Type Garage Door", sheets 1 through 4 of 4, dated 08/27/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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 Division.

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 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: 11/12/09

NOA No. 09-0928.05
Expiration Date: December 02, 2014
Approval Date: December 02, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **09-07**, titled "Rolling Type Garage Door", sheets 1 through 4 of 4, dated 08/27/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, P.E.

B. TESTS

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 12/11/08, 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 12/11/08, 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 12/16/08, signed and sealed by Candido F. Font, P.E.

C. CALCULATIONS

1. Calculations of Series 22' Rolling Steel Door, prepared by Al-Farooq Corporation, dated 08/28/09, signed and sealed by Arshad Viqar, P.E.

D. QUALITY ASSURANCE

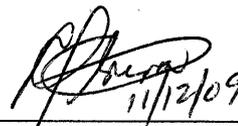
1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

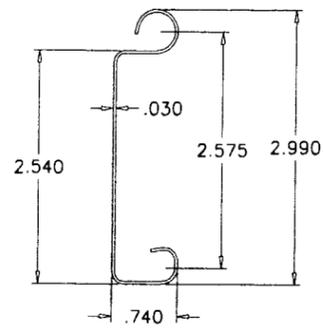
1. Statement letter of code conformance and no financial interest, prepared by Al-Farooq Corporation, dated 07/24/09, signed and sealed by Arshad Viqar, P.E.



11/12/09

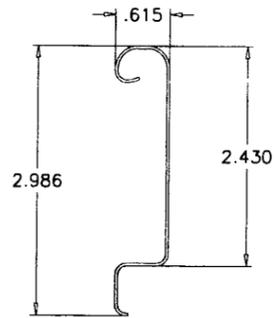
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 09-0928.05

Expiration Date: December 02, 2014
Approval Date: December 02, 2009



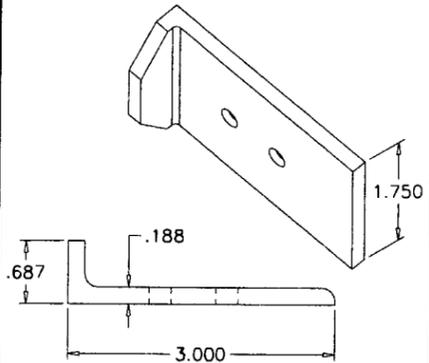
SLAT

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



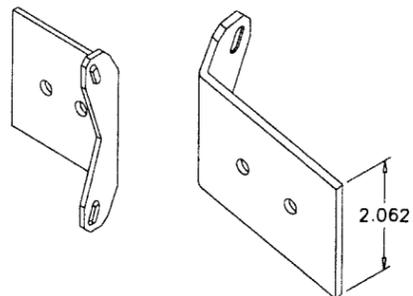
INSULATED SLAT COVER

24 GA. COLD FORMED STEEL



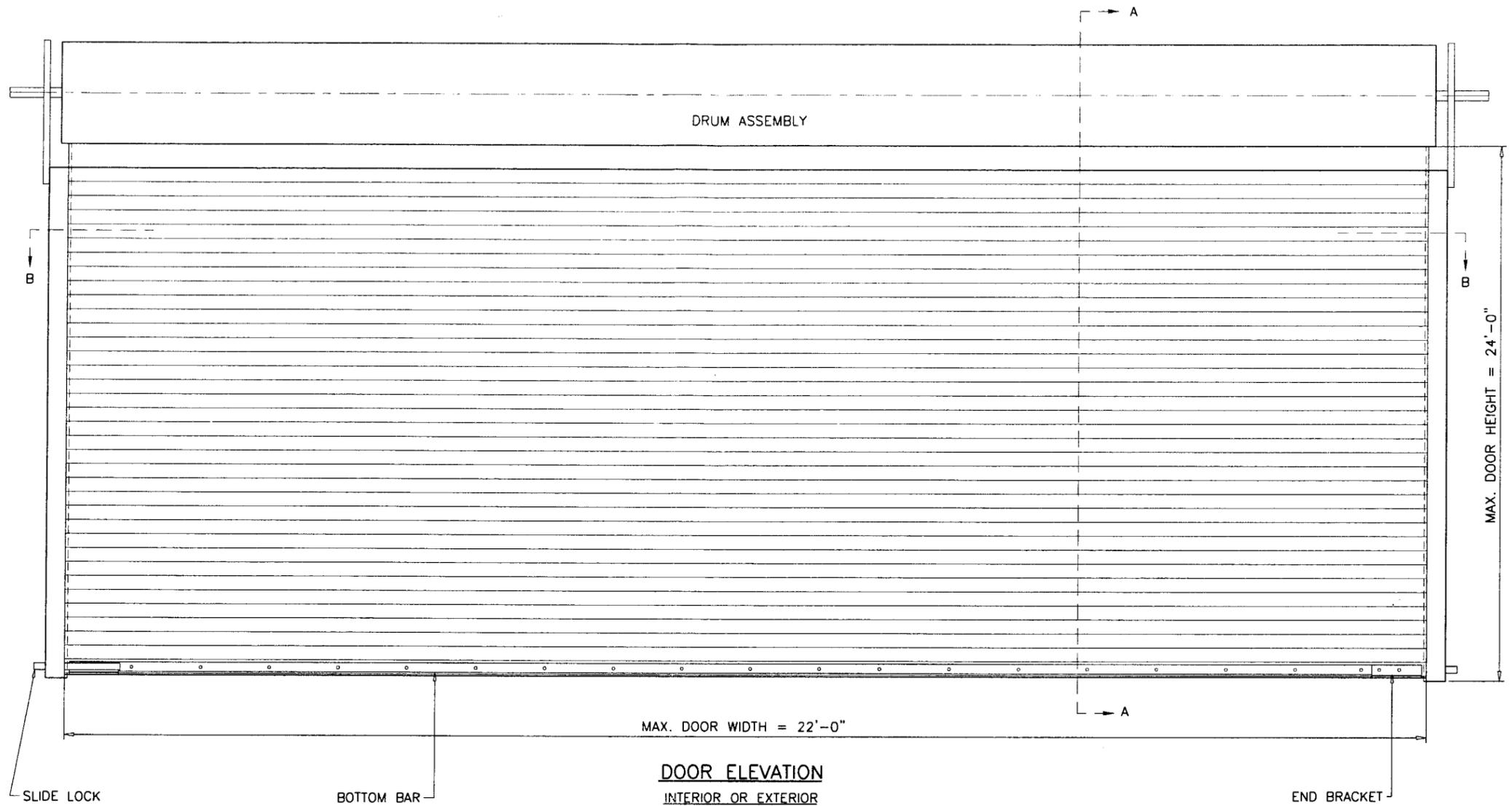
WIND LOCK 'A'

HOT ROLLED STEEL ANGLE



WIND LOCK 'B'

14 GA. COLD FORMED GALV. STEEL



DOOR ELEVATION
 INTERIOR OR EXTERIOR

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION 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 S.F.B.C. USE E70XX ELECTRODES AND 3/16" FILLET SIZE.

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

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538

 AUG 31 2009

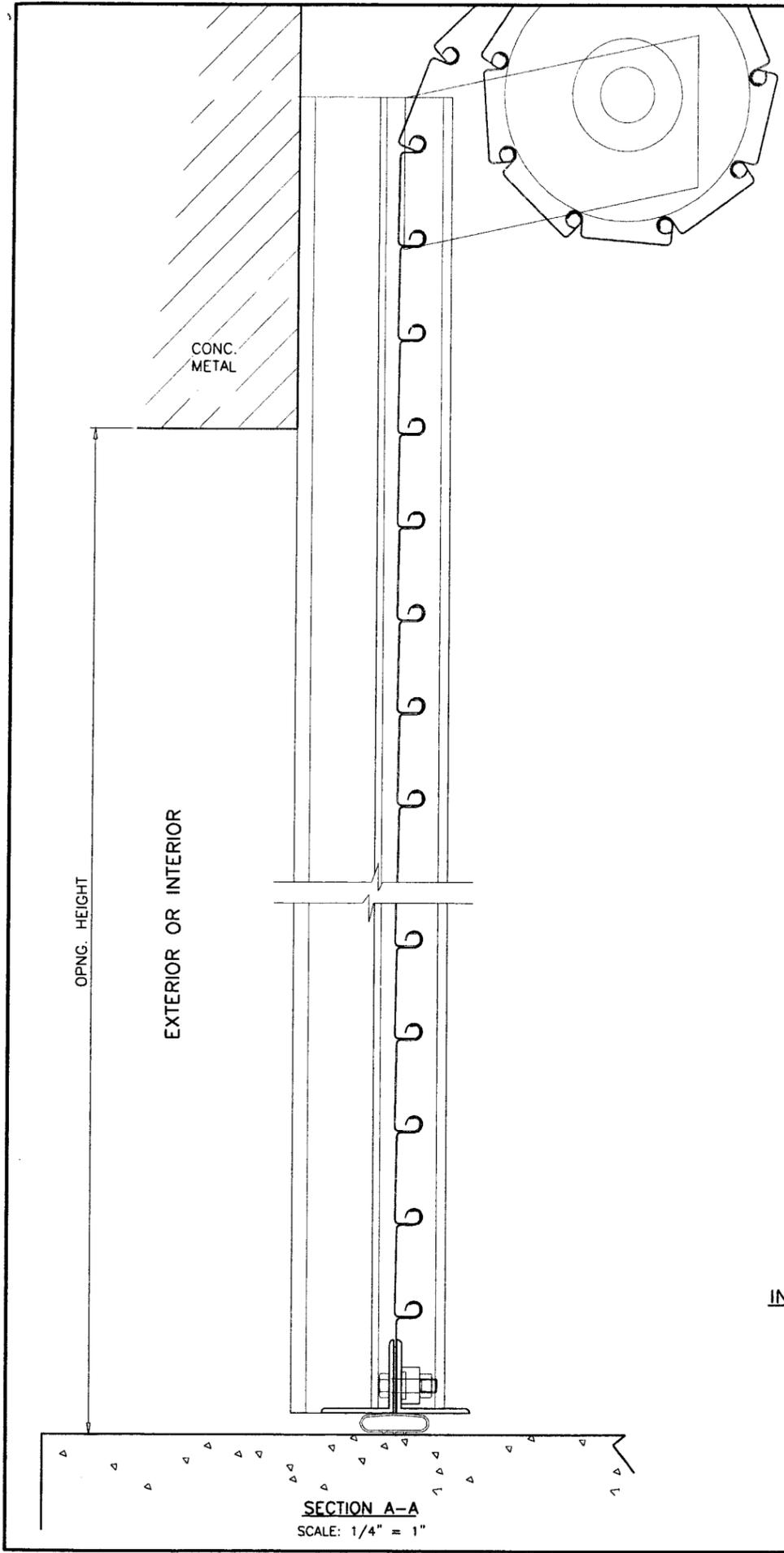
Approved as complying with the
 Florida Building Code
 Date 12/02/2009
 NOAH 04-0928-05
 Miami Dade Product Control
 Division
 By

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 GARAGE\09-07SRD

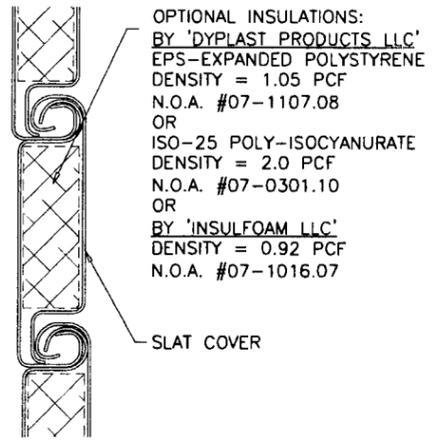
ROLLING TYPE GARAGE DOOR
SOUTH FLORIDA ROLLING DOORS, INC.
 8900 N.W. 119 STREET
 HIALEAH GARDENS, FL. 33018
 TEL. (305) 556-6633 FAX. (305) 556-2609

revisions:	no	date	by	description

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

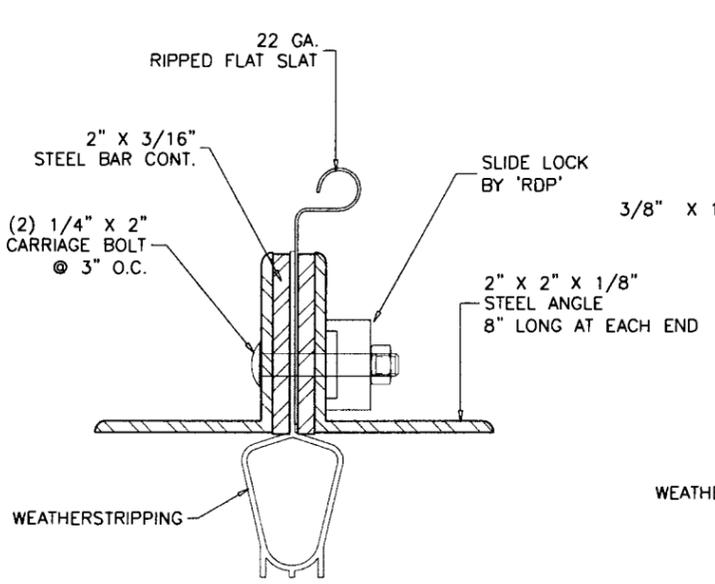


SECTION A-A
SCALE: 1/4" = 1"

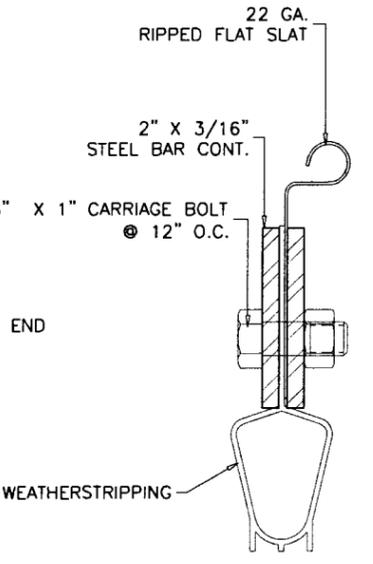


INSULATED SLAT DETAIL
(OPTIONAL)

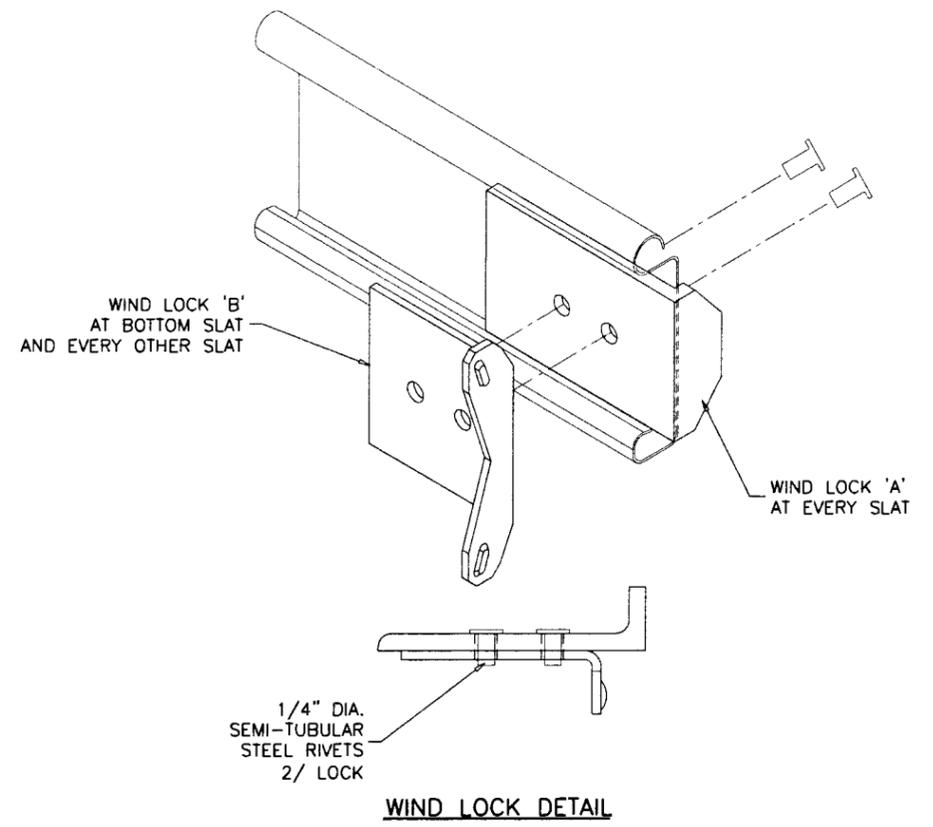
OPTIONAL INSULATIONS:
 BY 'DYPLAST PRODUCTS LLC'
 EPS-EXPANDED POLYSTYRENE
 DENSITY = 1.05 PCF
 N.O.A. #07-1107.08
 OR
 ISO-25 POLY-ISOCYANURATE
 DENSITY = 2.0 PCF
 N.O.A. #07-0301.10
 OR
 BY 'INSULFOAM LLC'
 DENSITY = 0.92 PCF
 N.O.A. #07-1016.07



END BRACKET DETAIL



BOTTOM BAR DETAIL



WIND LOCK DETAIL

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
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revisions:	no	date	by	description

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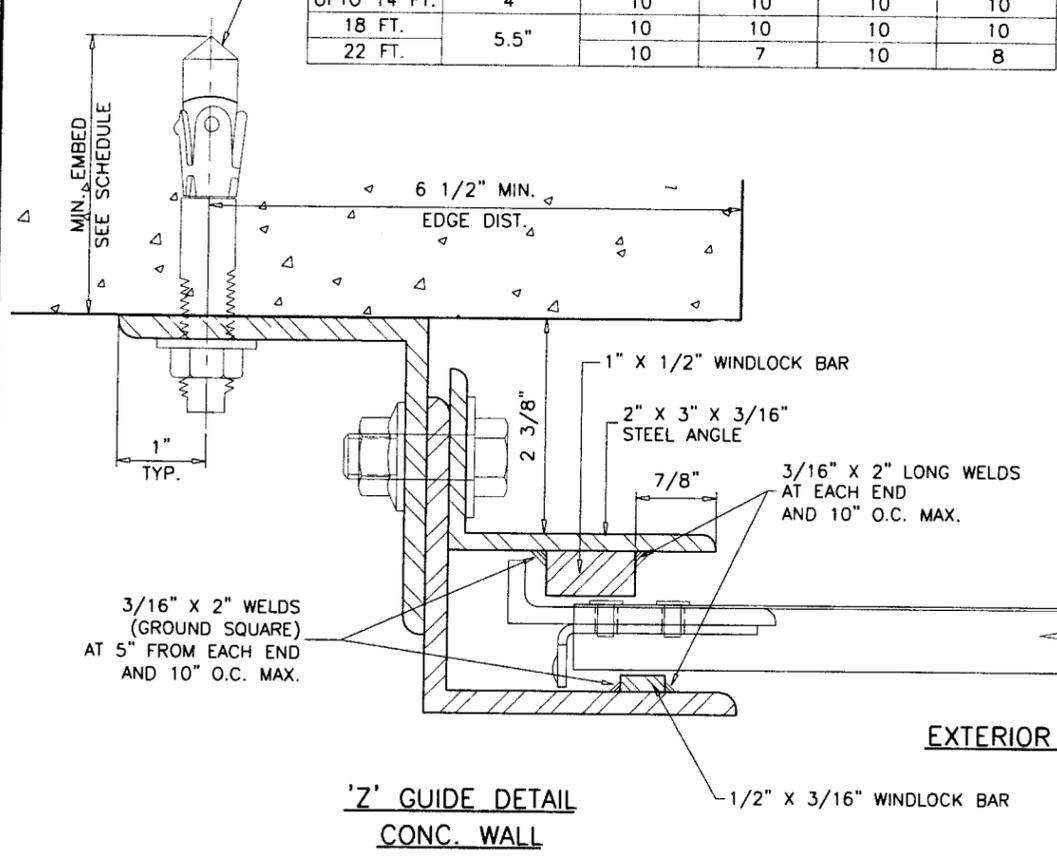
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 Division

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

5/8" DIA. KWIK BOLT 3 EXPANSION ANCHORS

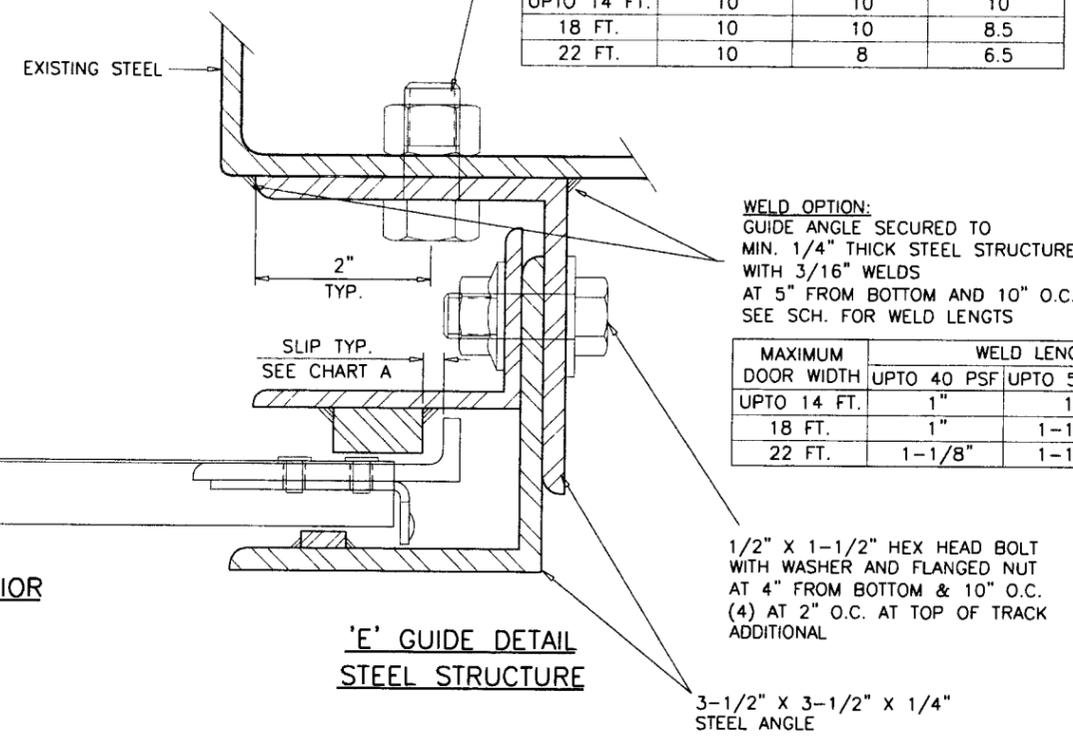
MAXIMUM DOOR WIDTH	MINIMUM ANCHOR EMBEDMENT	'Z' GUIDE ANCHOR SPACING - INCHES			
		INTO 3000 PSI CONC.		INTO 4000 PSI CONC.	
		LOADS UPTO 50 PSF	LOADS UPTO 60 PSF	LOADS UPTO 50 PSF	LOADS UPTO 60 PSF
UPTO 14 FT.	4"	10	10	10	10
18 FT.	5.5"	10	10	10	10
22 FT.		10	7	10	8



**'Z' GUIDE DETAIL
 CONC. WALL**

BOLT OPTION:
 5/8" DIA. MACHINE BOLTS (ASTM A307)
 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
18 FT.	10	10	8.5
22 FT.	10	8	6.5



**'E' GUIDE DETAIL
 STEEL STRUCTURE**

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"
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

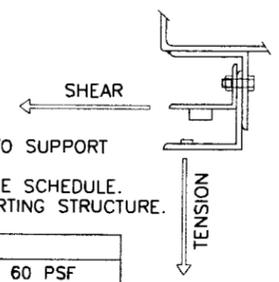
CHART 'A'

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.

FORCES ON GUIDE/FT.

MAXIMUM DOOR WIDTH	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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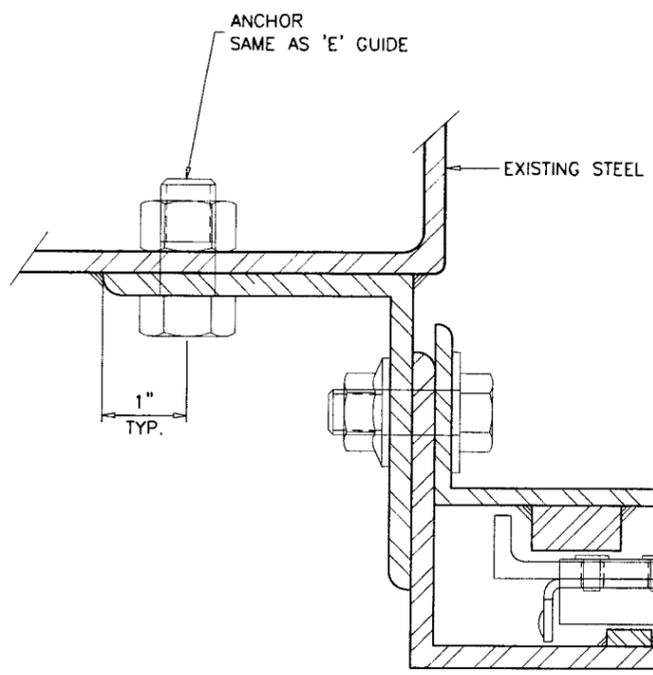
revisions:

no	date	by	description

date: 08-27-09
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no. 09-07
 sheet 3 of 4

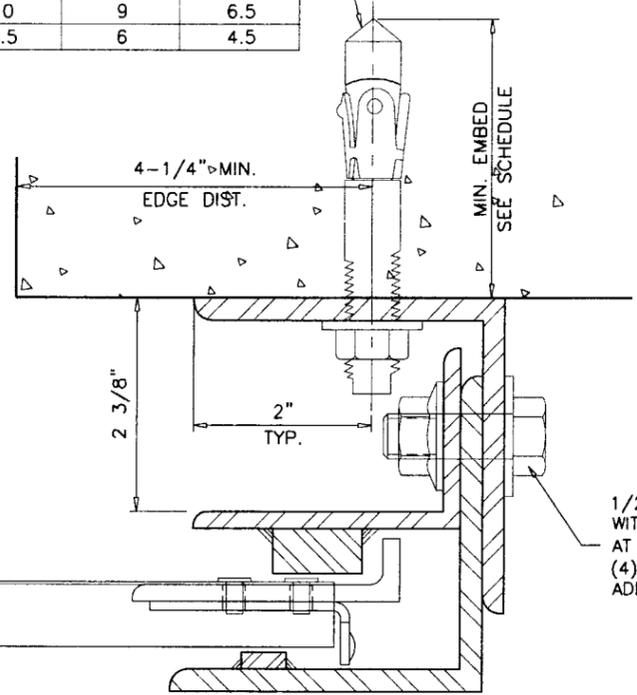
5/8" DIA. KWIK BOLT 3 EXPANSION ANCHOR

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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drawing no.
09-07
 sheet 4 of 4