



**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/)

**R.C. Aluminum Industries, Inc.**  
2805 NW 75<sup>th</sup> Avenue  
Miami, FL 33122

**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 BNC - 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. BNC 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: Series "HR-2600" Aluminum Horizontal Sliding Window – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W06-37**, titled "Series HR2600 Alum. Horizontal Sliding Wdw. (S.M.I.)", sheets 1 through 7 of 7, dated 06/20/06, with revision B dated 05/10/11, 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 Division.

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

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 and renews NOA # 09-0825.07** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No. 11-0614.05**  
**Expiration Date: September 07, 2016**  
**Approval Date: August 04, 2011**  
Page 1

**R.C. Aluminum Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W06-37**, Sheets 1 through 7 of 7, titled "Series HR2600 Alum. Horizontal Sliding Wdw. (S.M.I.)", dated 06/20/06, with revision B dated 05/10/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Small Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4770**, dated 01/17/06, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under previous NOA#06-0712.10)*

**C. CALCULATIONS:**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 05/10/11, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

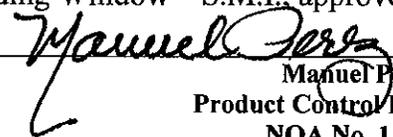
1. Notice of Acceptance No. **10-0922.09** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB, Interlayer**" dated 12/24/10, expiring on 12/11/11.

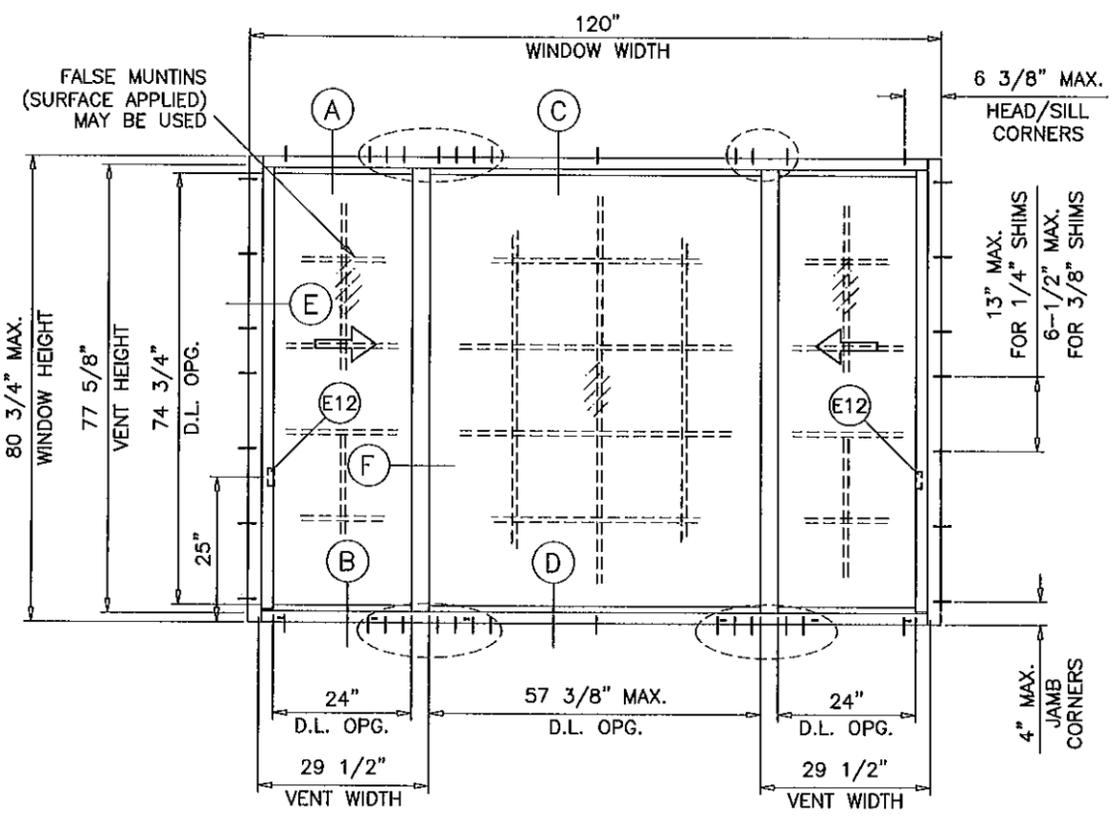
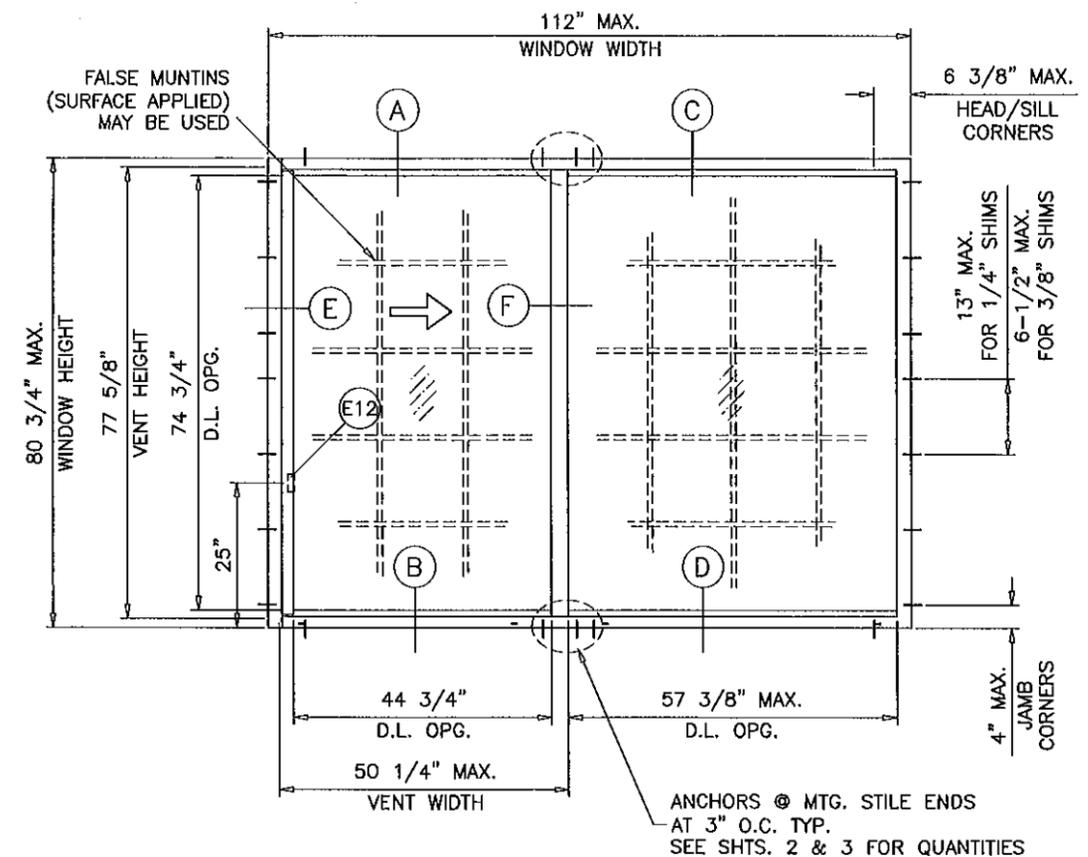
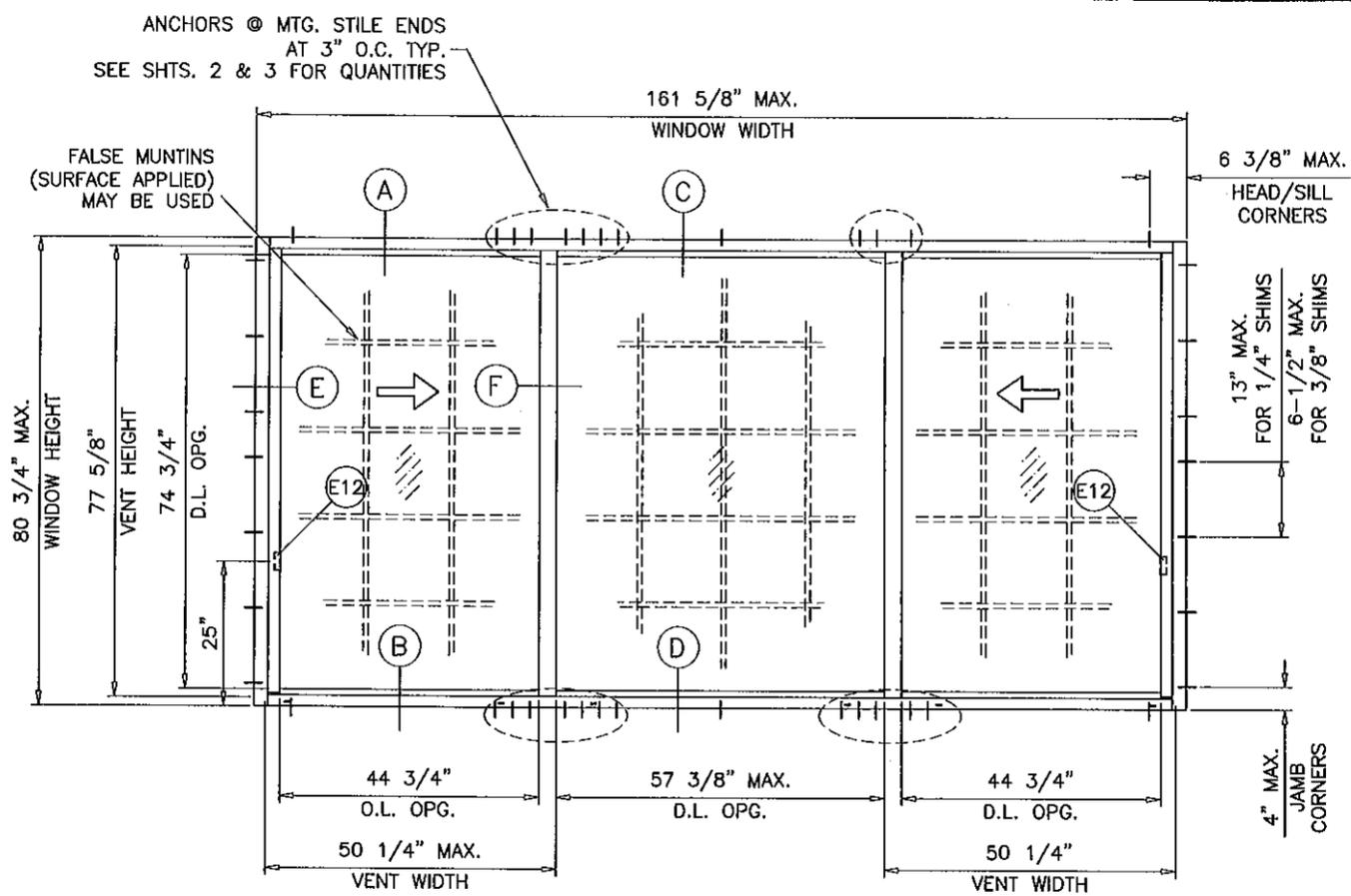
**F. STATEMENTS**

1. Statement letter of compliance and no financial interest, dated May 10, 2011, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report no. **FTL- 4770**, issued by Fenestration Testing Laboratory, Inc., dated February 24, 2006, signed and sealed by Edmundo Largaespada, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **06-0712.10**, issued to R.C. Aluminum Industries, Inc. for their Series HR2600 Aluminum Horizontal Sliding Window – S.M.I., approved on 11/23/09 and expiring on 09/07/11.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 11-0614.05  
Expiration Date: September 07, 2016  
Approval Date: August 04, 2011



TYPICAL ELEVATIONS

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

**SERIES HR2600 ALUMINUM HORIZONTAL SLIDING WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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).

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

LAMINATED GLASS  
SMALL MISSILE IMPACT

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*MA*  
MAY 12 2011

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-0614.05  
Expiration Date SEPT. 7, 2016  
By *Manuel Perez*  
Miami Dade Product Control

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-37RC

SERIES HR2600 ALUM HORIZONTAL SLIDING WDW.(S.M.I.)  
**R.C. ALUMINUM INDUSTRIES INC.**  
2805 N.W. 75 TH AVE.  
MIAMI, FL. 33122  
TEL. (305) 592-1515 FAX. (305) 592-2184

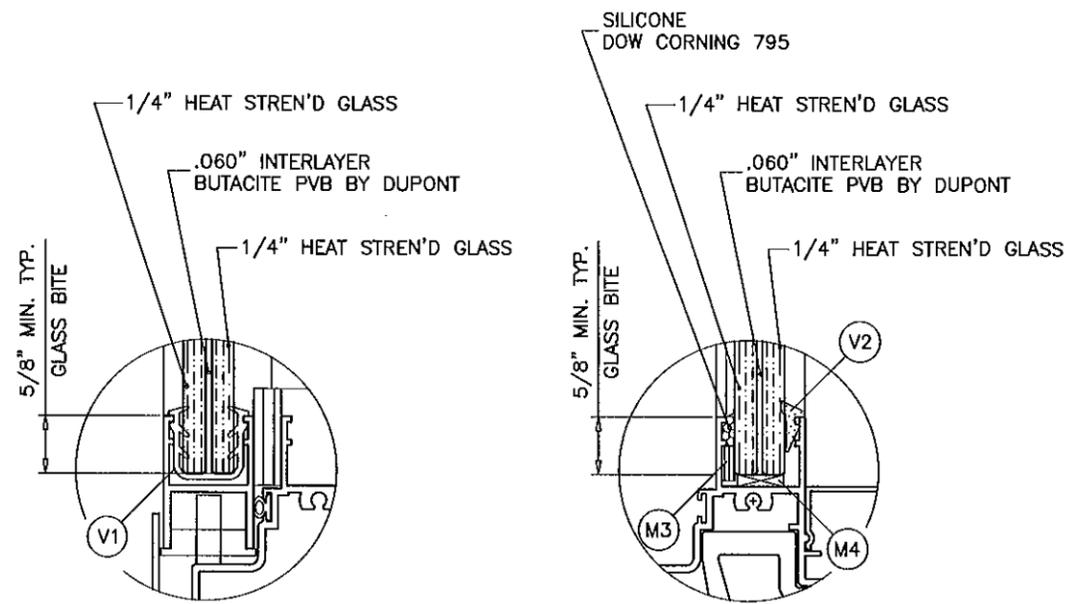
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A	07.24.09		UPDATED FOR 2007 FBC
B	05.10.11		ENGR NAME CHANGED

date:	06-20-06
scale:	3/8"=1'-0"
dr. by:	HAMID
chk. by:	

drawing no.  
**W06-37**  
sheet 1 of 7

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)

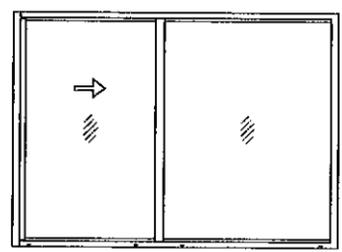
WINDOW DIMS.		1/4" KWIK-CON ANCHORS			1/4" KWIK-FLEX SCREWS					
		3/8" SHIM SPACE			1/4" SHIM SPACE			3/8" SHIM SPACE		
		A3	A4	A5	A3	A4	A5	A6	A7	A8
WIDTH	HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
36"	36"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
112"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"	48"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
112"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"	60"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	118.5	120.0	120.0	120.0	120.0	120.0
108"		115.2	120.0	120.0	105.3	120.0	120.0	120.0	120.0	120.0
112"		111.1	120.0	120.0	101.6	120.0	120.0	120.0	120.0	120.0
36"	72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
84"		120.0	120.0	120.0	112.9	120.0	120.0	120.0	120.0	120.0
96"		108.0	120.0	120.0	98.8	120.0	120.0	120.0	120.0	120.0
108"		96.0	120.0	120.0	87.8	117.0	120.0	113.3	120.0	120.0
112"		92.6	120.0	120.0	84.6	112.9	120.0	109.2	120.0	120.0
36"	80-3/4"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72"		120.0	120.0	120.0	117.4	120.0	120.0	120.0	120.0	120.0
84"		110.1	120.0	120.0	100.6	120.0	120.0	113.6	120.0	120.0
96"		96.3	120.0	120.0	88.0	117.4	120.0	113.6	120.0	120.0
108"		85.6	114.1	120.0	78.3	104.4	120.0	101.0	117.8	120.0
112"		82.5	110.1	120.0	75.5	100.6	120.0	97.4	113.6	120.0



VENT FIX. LITE

GLAZING DETAIL

D.L. OPG. DIMENSIONS  
 MAXIMUM WIDTH = 57-3/8"  
 MAXIMUM HEIGHT = 74-3/4"



ANCHORS TYPES: SEE SHEET 4 FOR DESCRIPTION

- A3 = (3) ANCHORS AT MTG. STILE ENDS
- A4 = (4) ANCHORS AT MTG. STILE ENDS
- A5 = (5) ANCHORS AT MTG. STILE ENDS
- A6 = (6) ANCHORS AT MTG. STILE ENDS
- A7 = (7) ANCHORS AT MTG. STILE ENDS
- A8 = (8) ANCHORS AT MTG. STILE ENDS

NOTE:  
 GLASS CAPACITIES ON THIS SHEET ARE  
 BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
 AND FLORIDA BUILDING COMMISSION  
 DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 MAY 12 2011

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0614.05  
 Expiration Date SEPT. 7, 2016  
 By *Mamuel Perez*  
 Miami Dade Product Control

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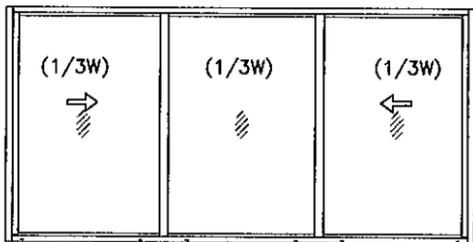
revisions:	no	date	by	description
	A	07.24.09		UPDATED FOR 2007 FBC
	B	05.10.11		ENGR NAME CHANGED

date: 06-20-06  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W06-37**  
 sheet 2 of 7

DESIGN LOAD CAPACITY - PSF (XOX SIZES)

WINDOW DIMS.		1/4" KWIK-CON ANCHORS			1/4" KWIK-FLEX SCREWS					
		3/8" SHIM SPACE			1/4" SHIM SPACE			3/8" SHIM SPACE		
		A3	A4	A5	A3	A4	A5	A6	A7	A8
WIDTH	HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
84"	36"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
156"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
161-5/8"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"	48"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
156"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
161-5/8"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"	60"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
144"		120.0	120.0	120.0	118.5	120.0	120.0	120.0	120.0	120.0
156"		119.6	120.0	120.0	109.4	120.0	120.0	120.0	120.0	120.0
161-5/8"	115.5	120.0	120.0	105.6	120.0	120.0	120.0	120.0	120.0	
84"	72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	118.5	120.0	120.0	120.0	120.0	120.0
132"		117.8	120.0	120.0	107.7	120.0	120.0	120.0	120.0	120.0
144"		108.0	120.0	120.0	98.8	120.0	120.0	120.0	120.0	120.0
156"		99.7	120.0	120.0	91.2	120.0	120.0	117.6	120.0	120.0
161-5/8"	96.2	120.0	120.0	88.0	117.3	120.0	113.5	120.0	120.0	
84"	80-3/4"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	117.4	120.0	120.0	120.0	120.0	120.0
120"		115.6	120.0	120.0	105.7	120.0	120.0	120.0	120.0	120.0
132"		105.1	120.0	120.0	96.1	120.0	120.0	120.0	120.0	120.0
144"		96.3	120.0	120.0	88.0	117.4	120.0	113.6	120.0	120.0
156"		88.9	118.5	120.0	81.3	108.4	120.0	104.9	120.0	120.0
161-5/8"	85.8	114.4	120.0	78.4	104.6	120.0	101.2	118.1	120.0	



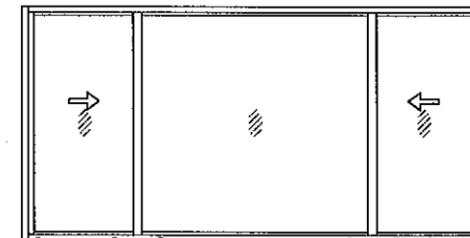
OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

ANCHORS TYPES: SEE SHEET 4 FOR DESCRIPTION

- A3 = (3) ANCHORS AT MTG. STILE ENDS
- A4 = (4) ANCHORS AT MTG. STILE ENDS
- A5 = (5) ANCHORS AT MTG. STILE ENDS
- A6 = (6) ANCHORS AT MTG. STILE ENDS
- A7 = (7) ANCHORS AT MTG. STILE ENDS
- A8 = (8) ANCHORS AT MTG. STILE ENDS

DESIGN LOAD CAPACITY - PSF (XOX SIZES)

WINDOW DIMS.		1/4" KWIK-CON ANCHORS			1/4" KWIK-FLEX SCREWS					
		3/8" SHIM SPACE			1/4" SHIM SPACE			3/8" SHIM SPACE		
		A3	A4	A5	A3	A4	A5	A6	A7	A8
WIDTH	HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
84"	36"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
156"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
161-5/8"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"	48"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
156"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
161-5/8"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"	60"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
156"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
161-5/8"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"	72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
132"		120.0	120.0	120.0	120.0	120.0	120.0	114.9	120.0	120.0
144"		115.2	120.0	120.0	105.3	120.0	120.0	120.0	120.0	120.0
156"		106.3	120.0	120.0	97.2	120.0	120.0	120.0	120.0	120.0
161-5/8"	102.7	120.0	120.0	93.9	120.0	120.0	120.0	120.0	120.0	
84"	80-3/4"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
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132"		104.7	120.0	120.0	95.8	120.0	120.0	120.0	120.0	120.0
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108"		114.1	120.0	120.0	104.4	120.0	120.0	120.0	120.0	120.0
120"	102.7	120.0	120.0	93.9	120.0	120.0	120.0	120.0	120.0	



OPERATING VENTS TO BE 1/4 TO 1/3 OF THE WINDOW WIDTH

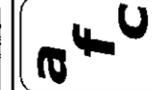
Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*  
MAY 12 2011

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-0614-05  
Expiration Date SEPT. 7, 2016

By *[Signature]*  
Miami Dade Product Control

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



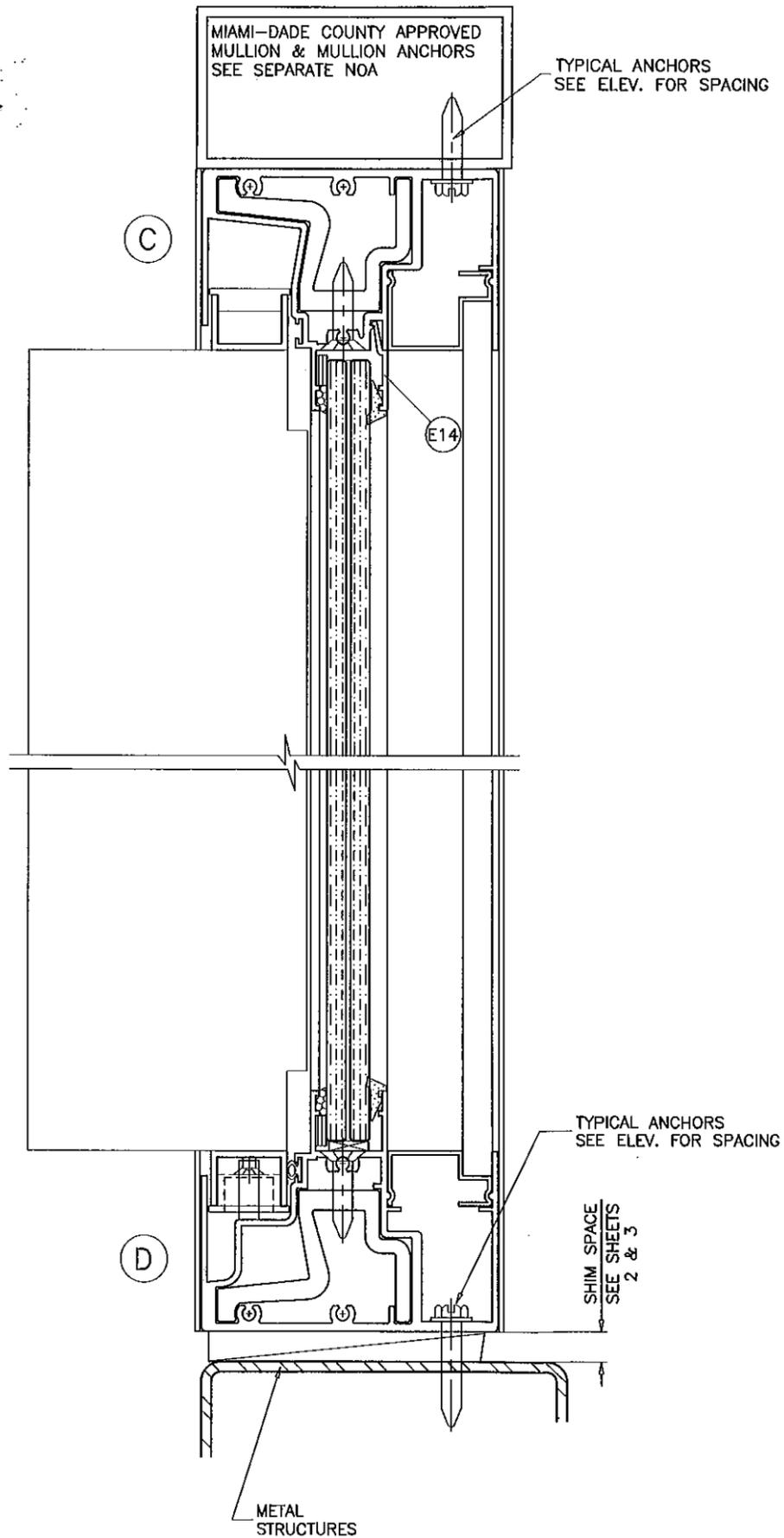
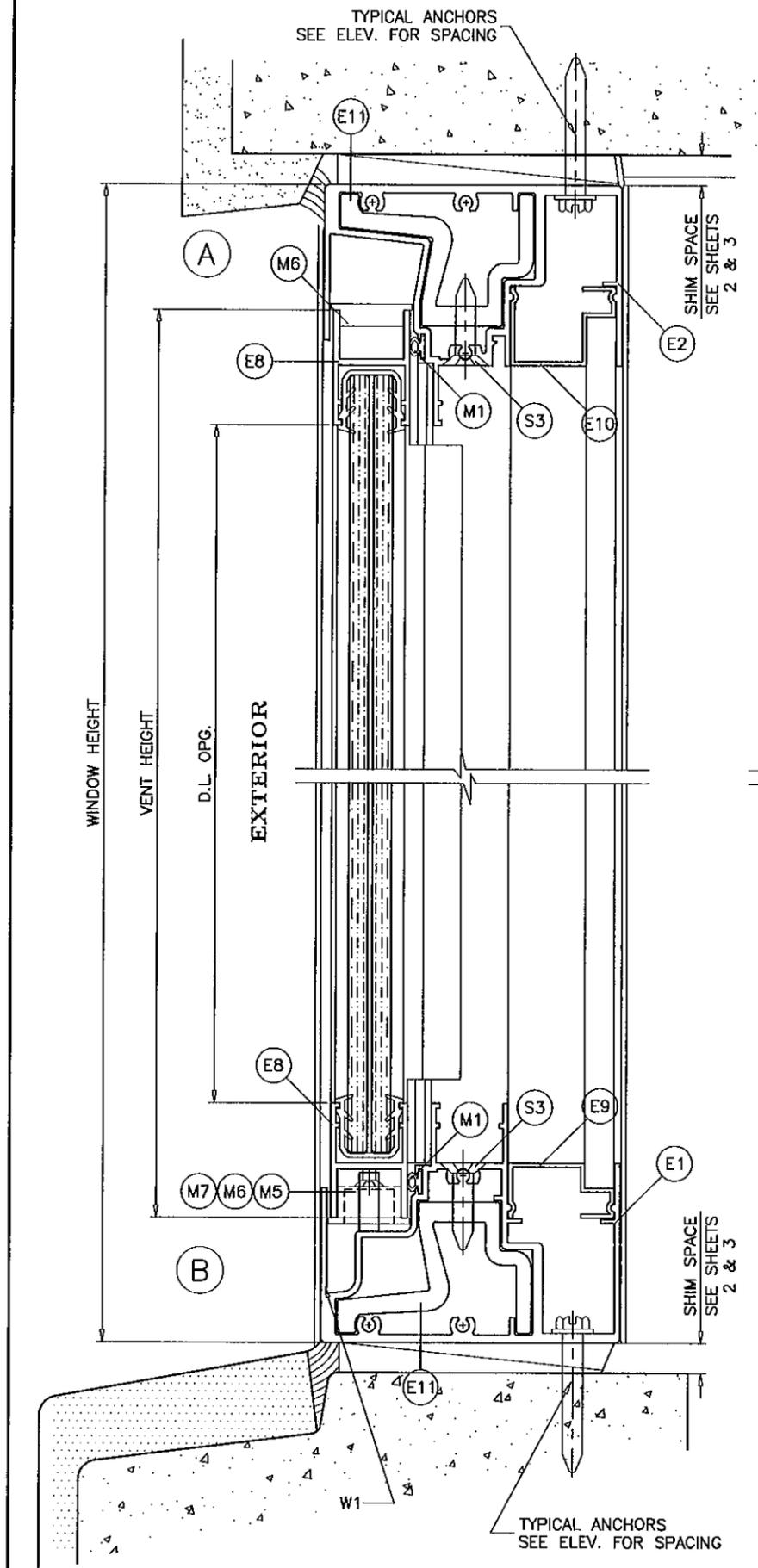
**AL-FAROQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W06-37RC

SERIES HR2600 ALUM HORIZONTAL SLIDING WDW.(S.M.I.)  
**R.C. ALUMINUM INDUSTRIES INC.**  
2805 N.W. 75 TH AVE.  
MIAMI, FL. 33122  
TEL. (305) 592-1515 FAX. (305) 592-2184

no	date	by	description
A	07.24.09		UPDATED FOR 2007 FBC
B	05.10.11		ENGR NAME CHANGED

date: 06-20-06  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W06-37**  
sheet 3 of 7



METAL STRUCTURE NOT BY RC ALUMINUM  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
 1/4" DIA. HILTI KWIK-CON II (Fu=163 KSI, Fy=157 KSI)  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1/4" DIA. HILTI KWIK-FLEX SELF DRILLING SCREWS (Fu=92 KSI, Fy=120 KSI)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")  
 INTO METAL STRUCTURES  
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**ANCHOR EDGE DISTANCES**  
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**SEALANTS:**  
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
 WHITE/ALUM COLORED SILICONE.

**WEEPHOLES:**  
 W1 = 1" X 1/4" WEEPHOLES TWO PER LITE AT 6" FROM  
 ENDS WITH PLASTIC BAFFLE

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N., 3538  
 MAY 12 2011

PRODUCT REVISED  
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 Acceptance No. 11-0614-05  
 Expiration Date SEPT. 7, 2016  
 By *Manuel Torres*  
 Miami Dade Product Control

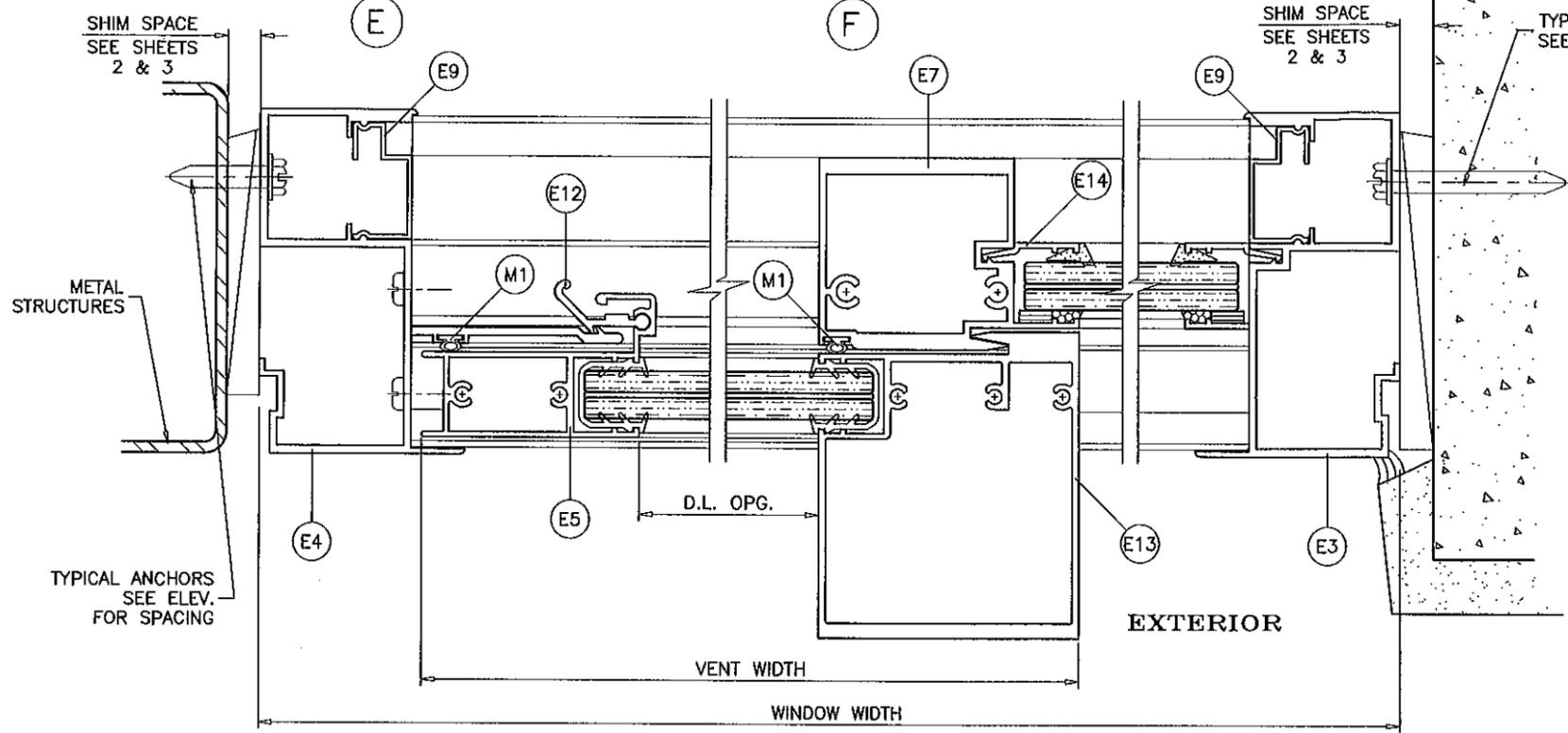


**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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 COMP-ANL\W06-37RC

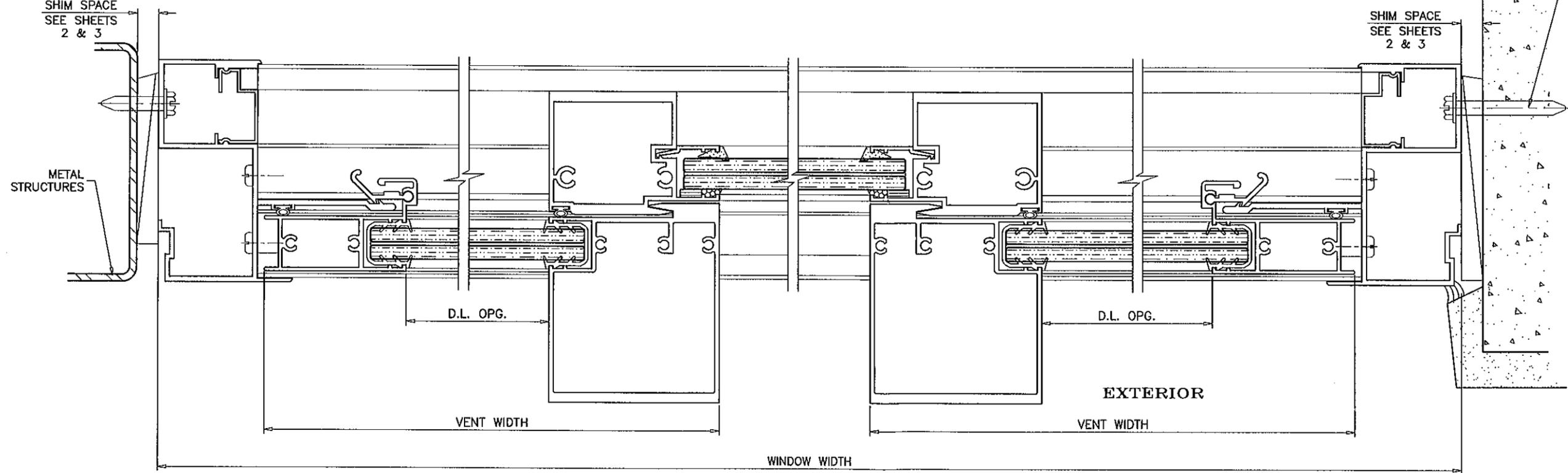
SERIES HR2600 ALUM HORIZONTAL SLIDING WDW.(S.M.I.)  
**R.C. ALUMINUM INDUSTRIES INC.**  
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Revisions:	no.	date	by	description
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	B	05.10.11		ENGR NAME CHANGED

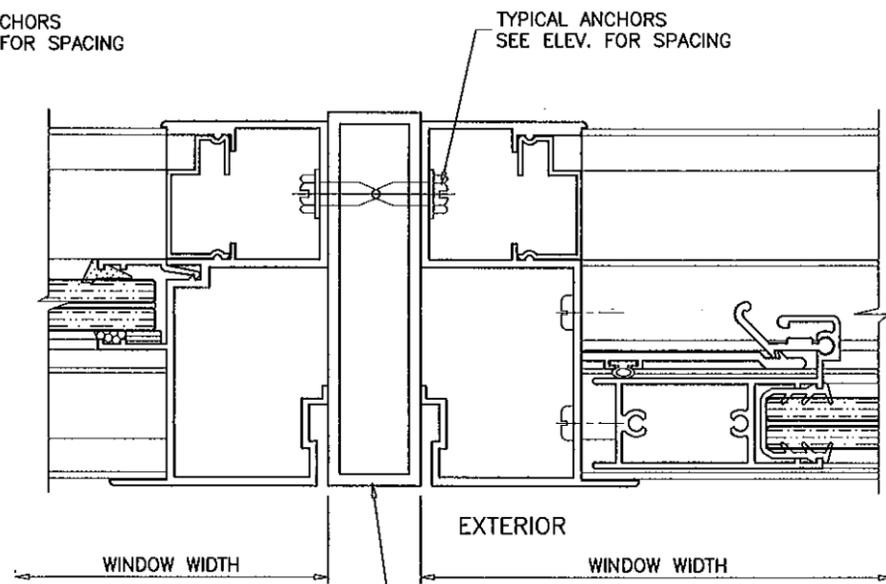
date: 06-20-06  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:  
 drawing no.  
**W06-37**  
 sheet 4 of 7



**XO LAYOUT**  
OX OPPOSITE



**XOX LAYOUT**



MIAMI-DADE COUNTY  
APPR,D MULLION  
SEE SEPARATE NOA

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*J.A.*  
MAY 12 2011

PRODUCT REVISED  
as complying with the Florida  
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Acceptance No. 11-0614.05  
Expiration Date SEPT. 7, 2016

By *Manuel Diaz*  
Miami Dade Product Control

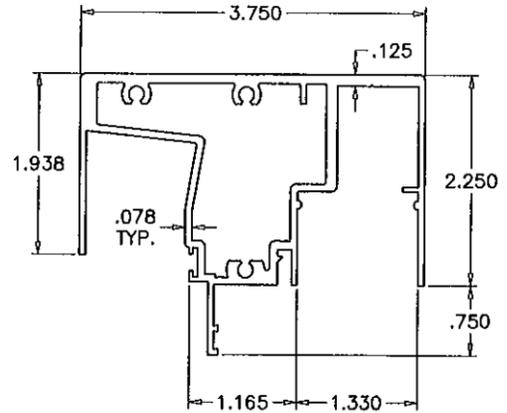
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**AL-FAROOQ CORPORATION**  
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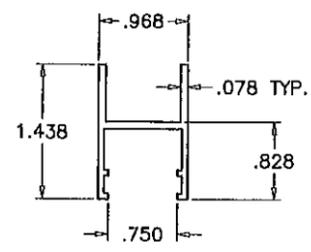
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chk. by:	

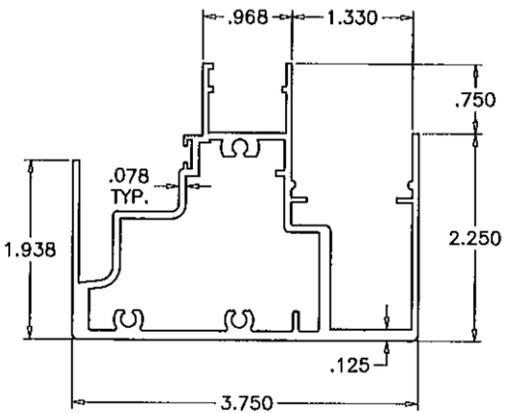
drawing no.  
**W06-37**  
sheet 5 of 7



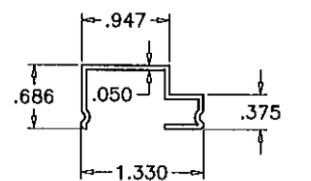
(E2) FRAME HEAD



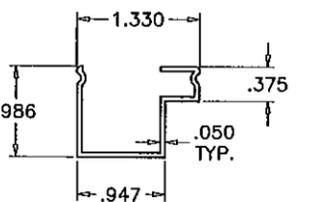
(E8) VENT TOP/BOTTOM RAIL



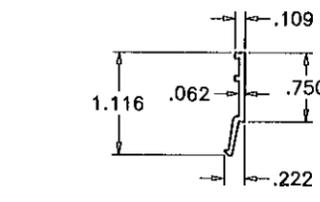
(E1) FRAME SILL



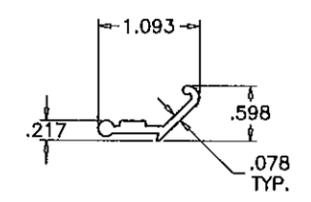
(E9) JAMB/SILL ANCHOR COVER



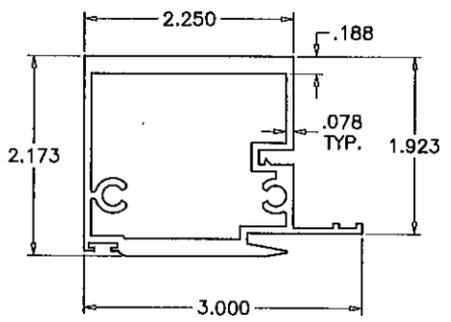
(E10) HEAD ANCHOR COVER



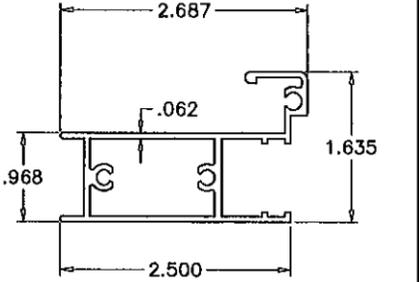
(E14) GLAZING BEAD



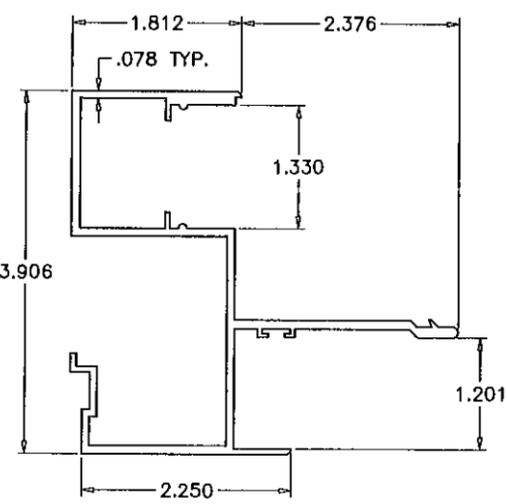
(E12) FINGER LOCK



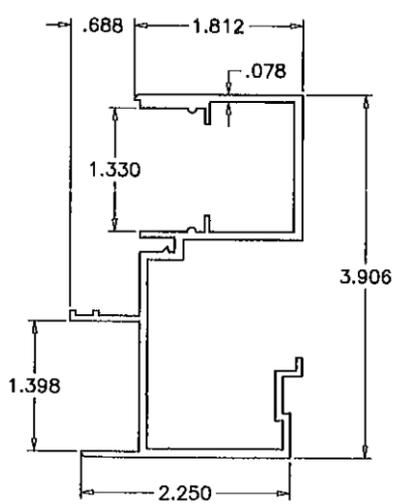
(E7) MEETING STILE



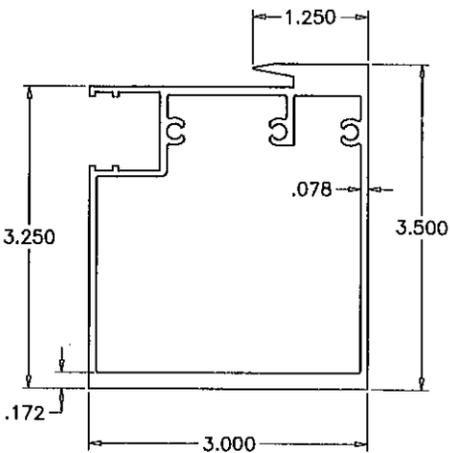
(E5) JAMB STILE



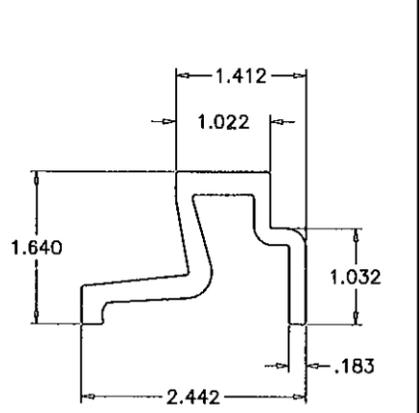
(E4) FRAME JAMB @ MOVING SIDE



(E3) FRAME JAMB @ FIXED SIDE



(E13) VENT INTERLOCK



(E11) MTG. STILE END SUPPORT

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	HR2600-001	1	FRAME SILL	6005-T5	-
E2	HR2600-002	1	FRAME HEAD	6005-T5	-
E3	HR2600-003	AS REQD.	FRAME JAMB @ FIXED SIDE	6063-T6	-
E4	HR2600-004	AS REQD.	FRAME JAMB @ MOVING SIDE	6063-T6	-
E5	HR2600-005	1/	JAMB STILE	6063-T6	-
E7	HR2600-007	1/	FRAME MEETING STILE	6063-T6	-
E8	HR2600-008	2/	VENT TOP & BOTTOM RAIL	6063-T6	-
E9	HR2600-009	AS REQD.	SILL AND JAMB ANCHOR COVER	6005-T5	-
E10	HR2600-010	AS REQD.	HEAD ANCHOR COVER	6005-T5	-
E11	HR2600-011	AS REQD.	MEETING STILE END SUPPORT, 8" LONG	6005-T5	AT FIX. MTG. RAIL LOCATIONS
E12	HR2600-012	1/	ALUM FINGER LOCK (3" LONG)	6063-T6	-
E13	HR2600-013	1/	VENT INTERLOCK	6005-T5	-
E14	500Y-007	AS REQD.	GLAZING BEAD	6063-T6	-
V1	V-068	AS REQD.	MARINE GLAZING	EPDM	DUROMETER ±75 SHORE A
V2	V-053	AS REQD.	WEDGE GASKET	TPE	DUROMETER ±75 SHORE A
S1	#10 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	ST/ST	PH. PHL. SMS POINT "B"
S2	#14 X 3/4"	AS REQD.	MEETING STILE ASSEMBLY SCREWS	ST/ST	PH. SMS POINT "B"
S3	#14 X 1"	2/	SUPPORT MEETING STILE END SUPPORT ASSEMBLY SCREWS	ST/ST	FH. SMS
S5	#10 X 1"	AS REQD.	VENT ASSEMBLY SCREWS	ST/ST	FH. SMS
M1	Q-270X300	AS REQD.	FABRIC COATED FOAM W'STRIPPING	-	Q-LON
M3	V2100	-	3/8" X 3/16" SINGLE FACE TAPE	-	-
M4	-	3/	FIX. LITE 1/8" X 1/2" X 4" LG. SETTING BLOCK AT SILL	-	AT 6" FROM ENDS & MIDSPAN
M5	P-024	2/	VENT WHEEL	NYLON	-
M6	P-032	2/	VENT WHEEL RETAINER HOUSING	PLASTIC	-
M7	RS100-M01	-	KNURLED PIN AXLE	ST/ST	-
M8	66900-001	-	PLASTIC WEEP HOLE FLAP	-	-

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 MAY 12 2011

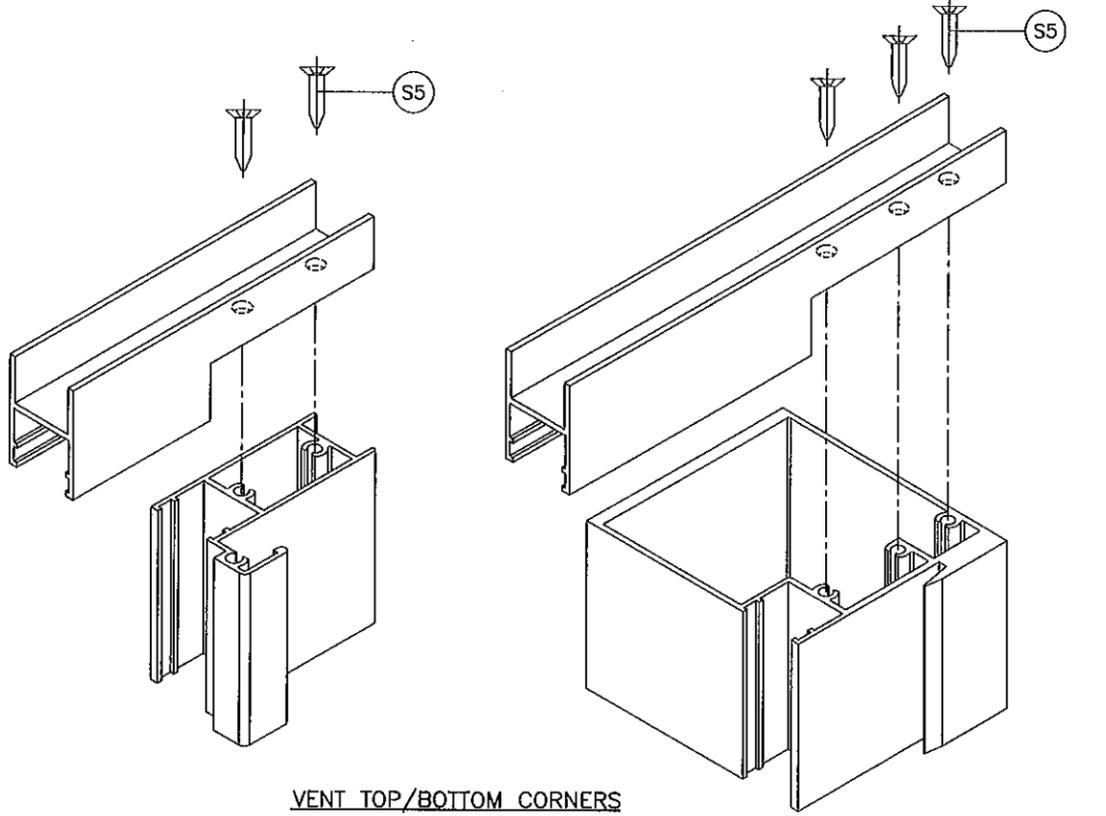
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-064.05  
 Expiration Date SEPT. 1, 2016  
 By *[Signature]*  
 Miami Dade Product Control

**afC**  
**AL-FAROQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
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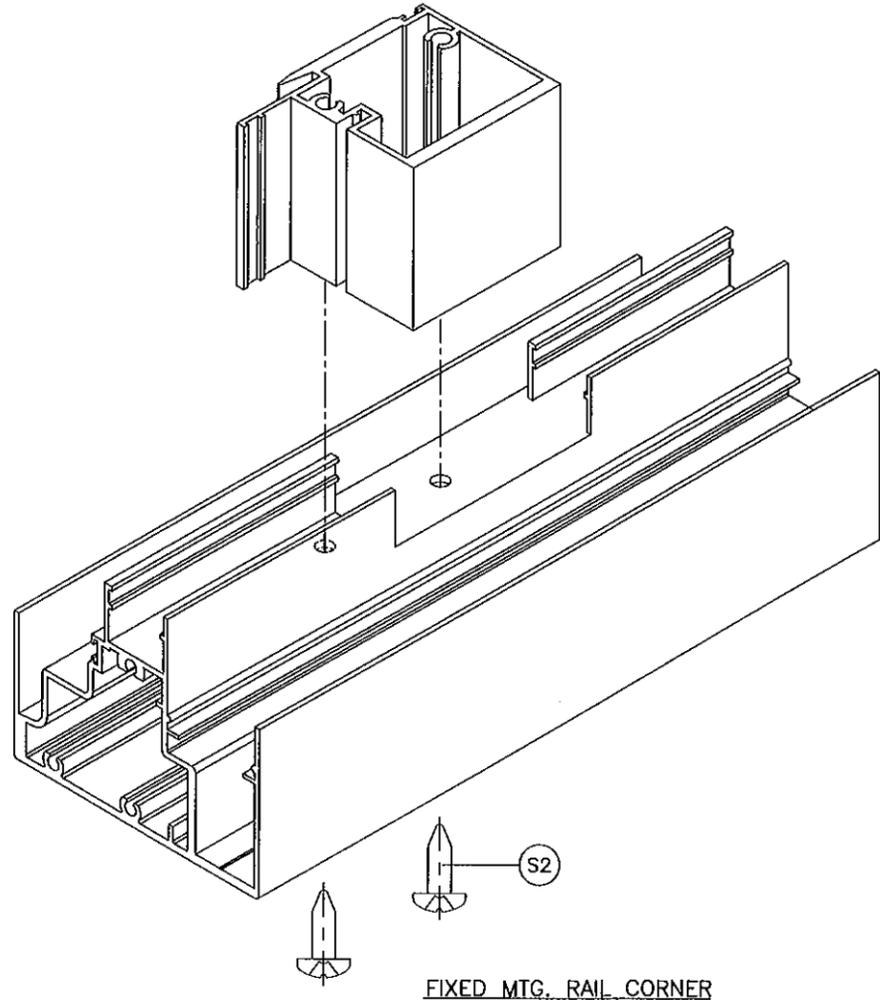
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revisions:	no	date	by	description
	A	07.24.09		NO CHANGE THIS SHEET
	B	05.10.11		ENGR NAME CHANGED

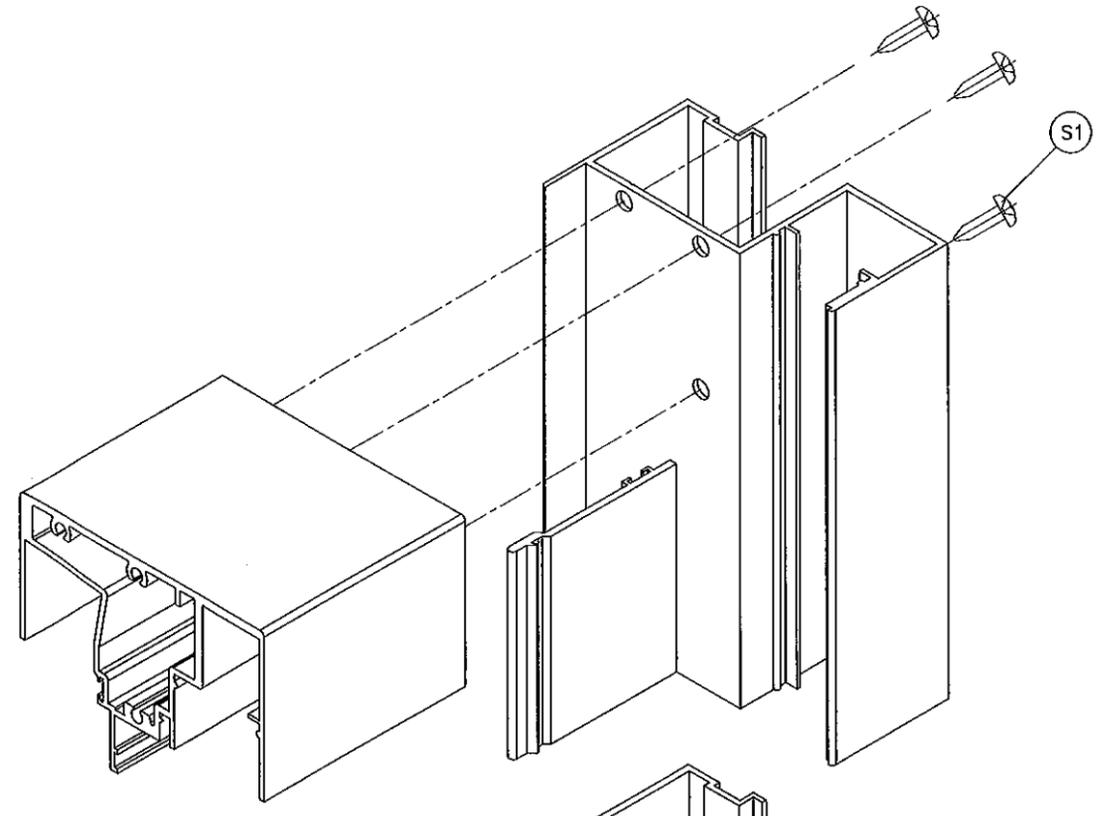
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**W06-37**  
 sheet 6 of 7



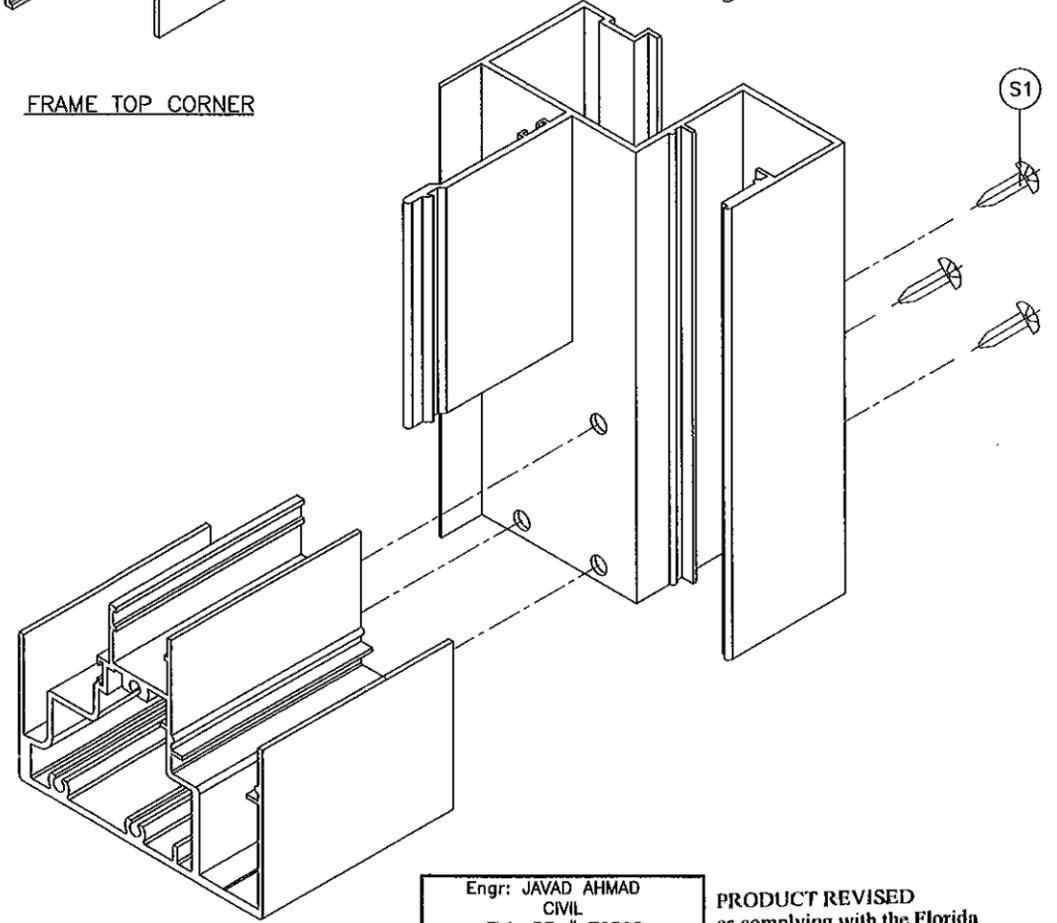
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr: JAVAD AHMAD  
 CIVIL  
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*JA*

MAY 12 2011

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By *Manuel Perez*  
 Miami Dade Product Control



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 sheet 7 of 7