



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**NOTICE OF ACCEPTANCE (NOA)**

R. C. Aluminum Industries, Inc.  
2805 NW 75<sup>th</sup> Ave  
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 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: Series "PH-3050" Aluminum Window Wall System – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. W07-62, titled "PH-3050 Alum. Window Wall System (S.M.I.)", sheets 1 through 6 of 6, dated 08/09/07, prepared by AL-Farooq Corporation, with latest revised "B" dated 03/20/12, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 renews NOA# 12-0410.22 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 Jaime D. Gascon, P.E.



J. Gascon  
5/11/13

NOA No. 13-0220.02  
Expiration Date: February 07, 2018  
Approval Date: May 09, 2013  
Page 1

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

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA's No. 's 07-1212.05 and 09-0812.11)*
2. Drawing No. **W07-62**, titled "PH-3050 Alum. Window Wall System (S.M.I.)", sheets 1 through 6 of 6, dated 08/09/07, prepared by AL-Farooq Corporation, with latest revised "B" dated 03/20/12, signed and sealed by Javad Ahmad, P. E.  
*(Submitted under previous NOA No. 12-0410.22)*

**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 202-94  
7) Safety Performance Specifications and Methods of Test, per FBC 35.5, ANSI Z97.1-04  
along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., for the following Test Report No. **FTL-5776**, dated 02/17/09, signed and sealed by Michael R. Wenzel P. E.  
*(Submitted under previous NOA No. 09-0812.11)*
2. 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  
along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., for the following Test Report No. **FTL-5316**, dated 07/10/07, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 07-1212.05)*
3. 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  
along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., for the following Test Report No. **FTL-5043**, dated 02/02/07, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 07-1212.05)*



Jaime D. Gascon, P.E.  
Product Control Section Supervisor  
NOA No. 13-0220.02  
Expiration Date: February 07, 2018  
Approval Date: May 09, 2013

R. C. Aluminum Industries, Inc.

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**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by AL-Farooq Corporation, dated 07/27/09, signed and sealed by Arshad Viqar, P. E.  
*(Submitted under previous NOA No. 09-0812.11)*
2. Glazing complies with ASTM E 1300-04

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass® Interlayer" dated 05/26/2010, expiring on 01/14/17.
2. Notice of Acceptance No. 11-0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/2011, expiring on 12/11/2016.
3. TREMCO Part No. TR-14271E EPDM exterior glazing gasket complying with ASTM C864 Option II exceptions, ASTM D412 1600 PSI, D395B 22 HRS 158°F.

**F. STATEMENTS**

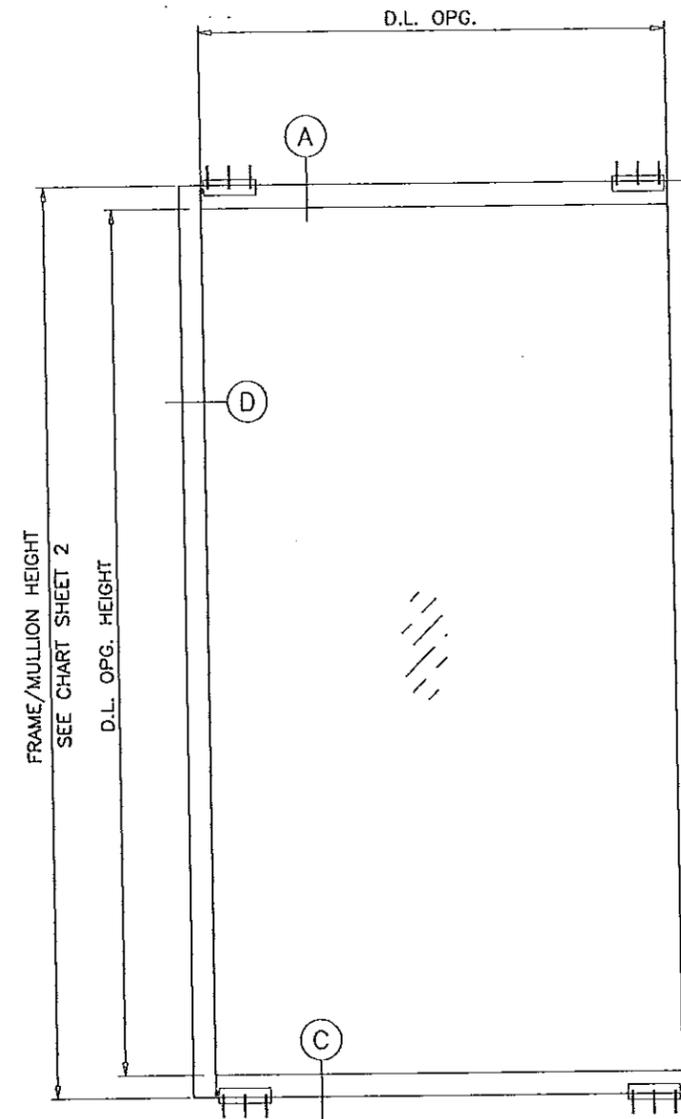
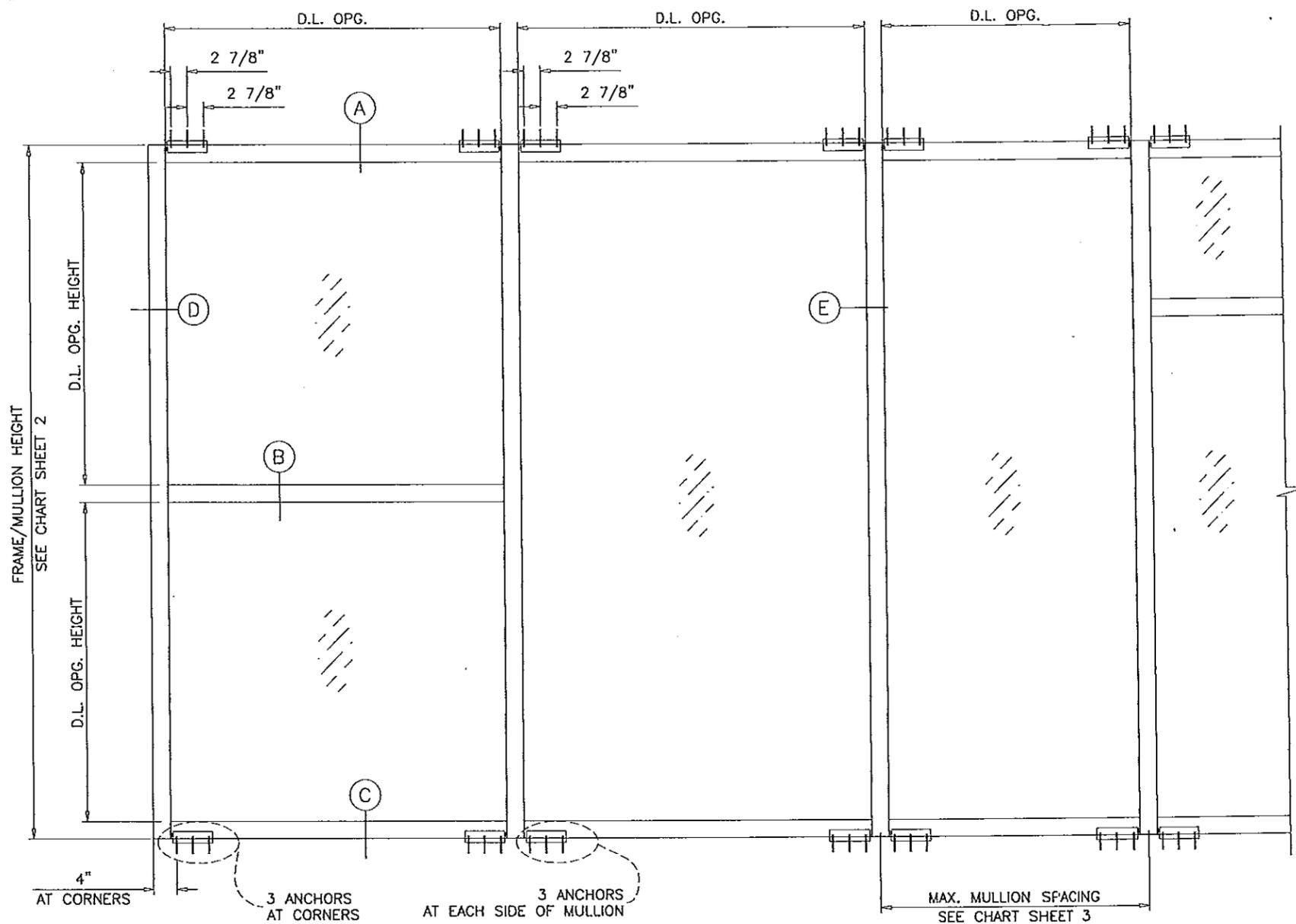
1. Statement letter of no financial interest, conformance and compliance with the FBC-2010, dated 03/20/12, signed and sealed by Javad Ahmad, P. E.
2. Proposals issued by Product Control, dated 06/09/08, signed by Jaime Gascon, P. E. and proposal no. 06-0204, dated 06/27/06, signed by Manuel Perez, P. E.  
*(Submitted under previous NOA No. 09-0812.11 and 07-1212.05)*
3. Laboratory compliance letters prepared by Fenestration Testing Laboratory, Inc., test reports no.'s FTL-5776, FTL-5043 and FTL-5316, dated 02/17/09, 02/02/07 and 07/10/07, signed and sealed by Michael R. Wenzel, P. E. and by Carlos S. Rionda, P. E. *(Submitted under previous NOA's No.'s 09-0812.11 and 07-1212.05)*

**G. OTHERS**

1. Notice of Acceptance No. 12-0410.22, issued to R. C. Aluminum Industries, Inc., for their Series "PH-3050 Aluminum Window Wall System - S.M.I.", approved on 06/28/12 and expiring on 02/07/13.



Jaime D. Gascon, P.E.  
Product Control Section Supervisor  
NOA No. 13-0220.02  
Expiration Date: February 07, 2018  
Approval Date: May 09, 2013



TYPICAL ELEVATIONS

THIS SYSTEM IS 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.

**PH3050 ALUMINUM WINDOW WALL SYSTEM**

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 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 THE FLORIDA BLDG. CODE SECTION 2003.8.4.

**INSTRUCTIONS:**

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 2 THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 3** USING CHART ON SHEETS 3 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 SHALL APPLY TO ENTIRE SYSTEM.

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0410.22  
 Expiration Date 02/07/2013  
 By: *[Signature]*  
 Miami Dade Product Control

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

INSULATING LAMINATED GLASS  
 SMALL MISSILE IMPACT

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 MAR 27 2012

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 13-0220.02  
 Expiration Date 02/07/2018  
 By: *[Signature]*  
 Miami Dade Product Control

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL (305) 264-8100 FAX (305) 262-6978  
 STORE\W07-62RC

PH3050 ALUM. WINDOW WALL SYSTEM (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

revisions:	no	date	by	description
	A	07.07.09		UPDATED FOR 2007 FBC
	B	03.20.12		UPDATED TO 2010 FBC

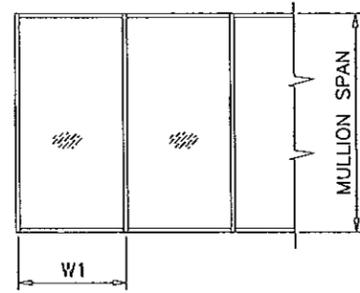
  

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dr. by:	HAMID
chk. by:	

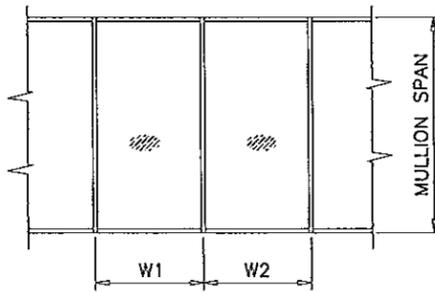
  

drawing no.	W07-62
sheet	1 of 6

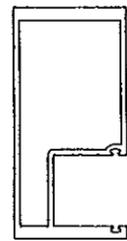
MULLION/JAMB DESIGN LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS						
NOMINAL DIMS.		JAMB 'J1' MULLION 'M1'		JAMB 'J2'		
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
36"	72"	120.0	120.0	120.0	120.0	
42"		120.0	120.0	120.0	120.0	
48"		120.0	120.0	120.0	120.0	
54"		120.0	120.0	120.0	120.0	
60"		120.0	120.0	120.0	120.0	
66"		120.0	120.0	120.0	120.0	
72"		120.0	120.0	120.0	120.0	
72"		78"	120.0	120.0	120.0	120.0
42"	120.0		120.0	120.0	120.0	
48"	120.0		120.0	120.0	120.0	
54"	120.0		120.0	120.0	120.0	
60"	120.0		120.0	120.0	120.0	
66"	120.0		120.0	118.1	118.1	
72"	120.0		120.0	115.2	115.2	
72"	84"		120.0	120.0	120.0	120.0
42"		120.0	120.0	114.4	114.4	
48"		120.0	120.0	102.9	102.9	
54"		120.0	120.0	94.6	94.6	
60"		120.0	120.0	88.5	88.5	
66"		120.0	120.0	84.1	84.1	
72"		120.0	120.0	84.1	84.1	
72"		90"	120.0	120.0	98.1	98.1
42"	120.0		120.0	85.8	85.8	
48"	120.0		120.0	76.9	76.9	
54"	120.0		120.0	70.3	70.3	
60"	120.0		120.0	65.4	65.4	
72"	120.0		120.0	65.4	65.4	
72"	96"		120.0	120.0	75.3	75.3
42"			120.0	120.0	65.7	65.7
48"		120.0	120.0	58.7	58.7	
54"		120.0	120.0	53.4	53.4	
60"		120.0	120.0	49.5	49.5	
72"		120.0	120.0	49.5	49.5	
72"		102"	120.0	120.0	58.7	58.7
42"			120.0	120.0	51.1	51.1
48"	120.0		120.0	45.6	45.6	
54"	120.0		120.0	41.4	41.4	
60"	120.0		120.0	41.4	41.4	
72"	120.0		120.0	41.4	41.4	
72"	108"		120.0	120.0	46.5	46.5
42"			120.0	120.0	40.4	40.4
48"		120.0	120.0	35.9	35.9	
54"		120.0	120.0	-	-	
60"		120.0	120.0	37.3	37.3	
66"		120.0	120.0	32.4	32.4	
72"		120.0	120.0	28.7	28.7	
72"		114"	120.0	120.0	30.3	30.3
42"	120.0		120.0	26.3	26.3	
48"	120.0		120.0	23.3	23.3	
54"	120.0		120.0	23.3	23.3	



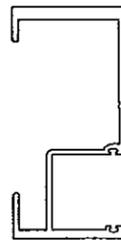
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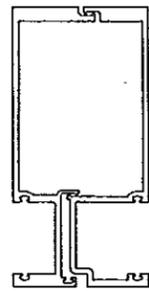
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AT FRAME MULLION



JAMB 'J1'

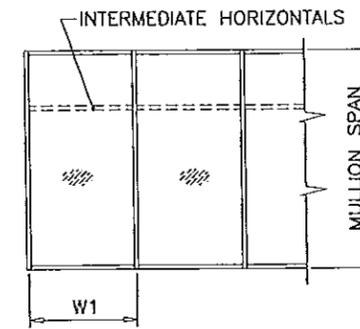


JAMB 'J2'

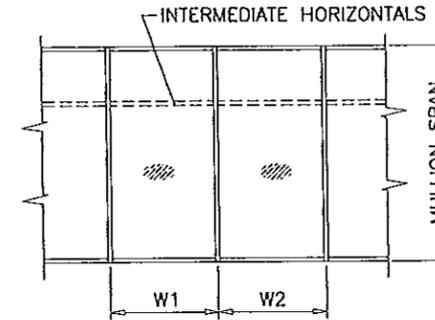


MULLION 'M1'

MULLION/JAMB DESIGN LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		JAMB 'J1' MULLION 'M1'		JAMB 'J2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	72"	120.0	120.0	120.0	120.0
42"		120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0
54"		120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0
66"		120.0	120.0	120.0	120.0
72"		120.0	120.0	120.0	120.0
72"		78"	120.0	120.0	120.0
42"	120.0		120.0	120.0	120.0
48"	120.0		120.0	120.0	120.0
54"	120.0		120.0	120.0	120.0
60"	120.0		120.0	120.0	120.0
66"	120.0		120.0	110.3	110.3
72"	120.0		120.0	101.1	101.1
72"	84"		120.0	120.0	120.0
42"		120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0
54"		120.0	120.0	111.0	111.0
60"		120.0	120.0	99.9	99.9
66"		120.0	120.0	90.8	90.8
72"		120.0	120.0	90.8	90.8
72"		90"	120.0	120.0	120.0
42"	120.0		120.0	118.6	118.6
48"	120.0		120.0	103.7	103.7
54"	120.0		120.0	92.2	92.2
60"	120.0		120.0	83.0	83.0
66"	120.0		120.0	83.0	83.0
72"	120.0		120.0	83.0	83.0
72"	96"		120.0	120.0	115.6
42"		120.0	120.0	99.1	99.1
48"		120.0	120.0	86.7	86.7
54"		120.0	120.0	77.1	77.1
60"		120.0	120.0	69.4	69.4
66"		120.0	120.0	69.4	69.4
72"		120.0	120.0	69.4	69.4
72"		102"	120.0	120.0	96.4
42"	120.0		120.0	82.6	82.6
48"	120.0		120.0	72.3	72.3
54"	120.0		120.0	64.3	64.3
60"	120.0		120.0	64.3	64.3
66"	120.0		120.0	64.3	64.3
72"	120.0		120.0	64.3	64.3
72"	108"		120.0	120.0	74.1
42"		120.0	120.0	63.6	63.6
48"		120.0	120.0	55.6	55.6
54"		120.0	120.0	-	-
60"		120.0	120.0	58.0	58.0
66"		120.0	120.0	49.7	49.7
72"		120.0	120.0	43.5	43.5
72"		114"	120.0	120.0	46.0
42"	120.0		120.0	39.4	39.4
48"	120.0		120.0	34.5	34.5
54"	120.0		120.0	34.5	34.5



WIDTH (W) = W1  
AT FRAME JAMB



WIDTH (W) =  $\frac{W1 + W2}{2}$   
AT FRAME MULLION

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0220.02  
Expiration Date 02/07/2018  
By: *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
MAR 27 2012

PRODUCT REVISED  
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Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
STORE W07-62RC

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PH3050 ALUM. WINDOW WALL SYSTEM (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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no.	date	description	by
A	07.07.09	UPDATED FOR 2007 FBC	
B	03.20.12	NO CHANGE THIS SHEET	

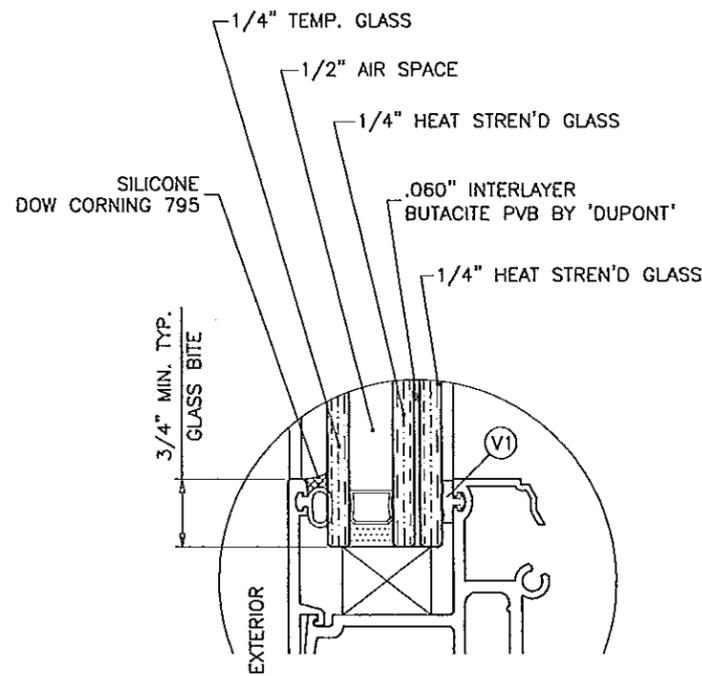
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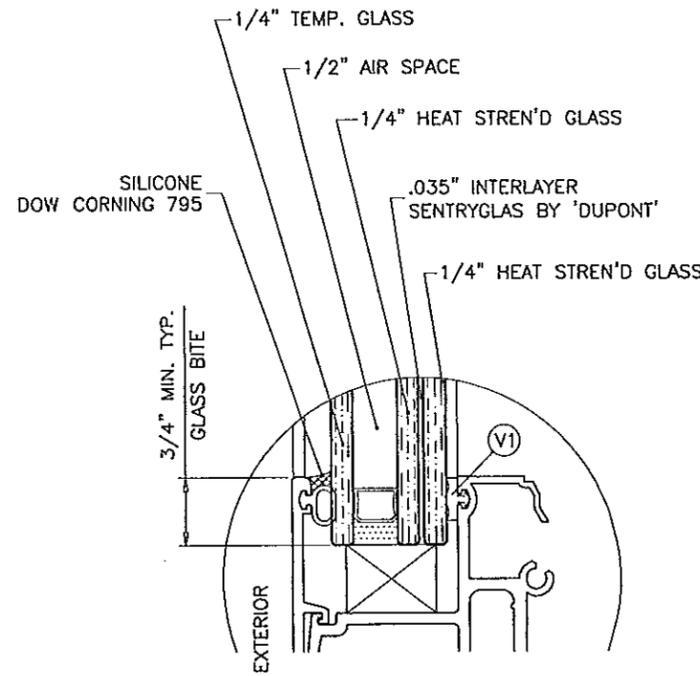
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drawing no.  
**W07-62**  
sheet 2 of 6

ANCHOR DESIGN LOAD CAPACITY - PSF				
NOMINAL DIMS.		ANCHORS TYPE 'A'		ANCHORS 'B'
		2" MIN. EDGE DIST.	2-1/2" MIN. EDGE DIST.	3/4" MIN. EDGE DIST.
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36"	72"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		120.0	120.0	120.0
54"		120.0	120.0	120.0
60"		120.0	120.0	120.0
66"		120.0	120.0	120.0
72"		110.7	120.0	120.0
36"	78"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		120.0	120.0	120.0
54"		120.0	120.0	120.0
60"		120.0	120.0	120.0
66"		111.4	120.0	120.0
72"		102.2	120.0	120.0
36"	84"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		120.0	120.0	120.0
54"		120.0	120.0	120.0
60"		113.8	120.0	120.0
66"		103.5	120.0	120.0
72"		99.6	120.0	120.0
36"	90"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		120.0	120.0	120.0
54"		118.0	120.0	120.0
60"		106.2	120.0	120.0
66"		99.6	120.0	120.0
72"		99.6	120.0	120.0
36"	96"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		120.0	120.0	120.0
54"		110.7	120.0	120.0
60"		99.6	120.0	118.5
66"		99.6	120.0	118.5
72"		99.6	120.0	118.5
36"	102"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		117.2	120.0	120.0
54"		104.2	120.0	120.0
60"		99.6	120.0	120.0
66"		99.6	120.0	120.0
72"		99.6	120.0	120.0
36"	108"	120.0	120.0	120.0
42"		120.0	120.0	120.0
48"		110.7	120.0	120.0
54"		104.2	120.0	120.0
60"		99.6	120.0	120.0
66"		99.6	120.0	120.0
72"		99.6	120.0	120.0
36"	114"	120.0	120.0	120.0
42"		119.8	120.0	120.0
48"		104.8	120.0	120.0
54"		99.6	120.0	120.0
60"		99.6	120.0	120.0
66"		99.6	120.0	120.0
72"		99.6	120.0	120.0
36"	120"	120.0	120.0	120.0
42"		113.8	120.0	120.0
48"		99.6	120.0	118.5
54"		99.6	120.0	118.5
60"		99.6	120.0	118.5
66"		99.6	120.0	118.5
72"		99.6	120.0	118.5



**GLASS TYPE 'A'**  
1-1/4" OVERALL INSUL. LAM. GLASS



**GLASS TYPE 'B'**  
1-1/4" OVERALL INSUL. LAM. GLASS

**GLAZING OPTIONS**

**PRODUCT RENEWED**  
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Acceptance No. 13-0220.02  
Expiration Date 02/07/2018  
By: *[Signature]*  
Miami Dade Product Control

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS).

PRODUCT REVISED  
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Expiration Date 02/07/2013  
By: *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*

MAR 27 2012

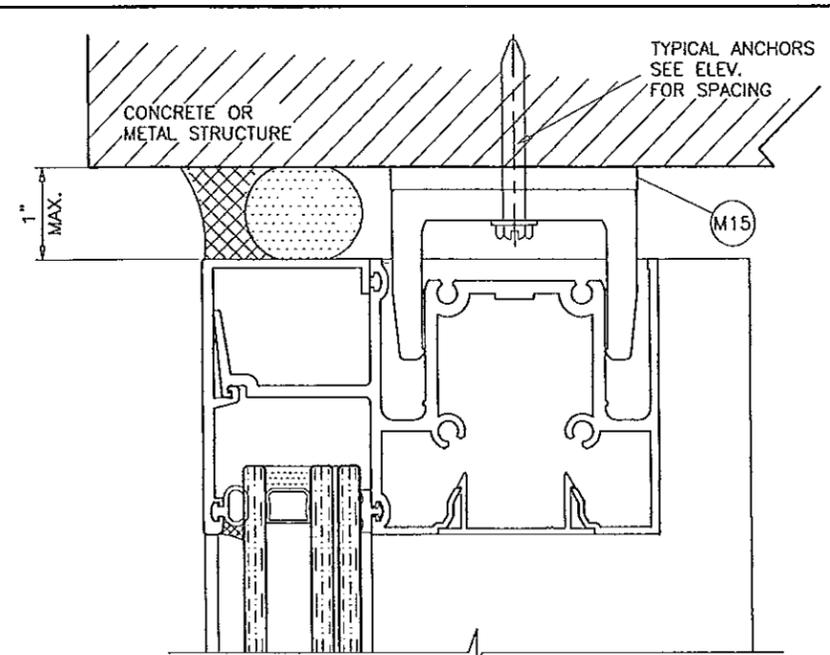
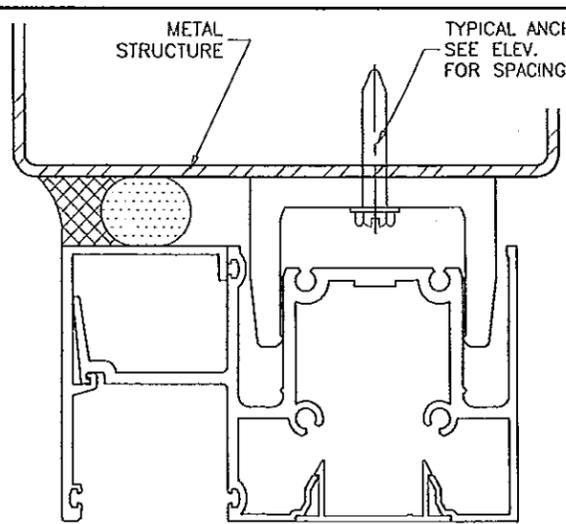
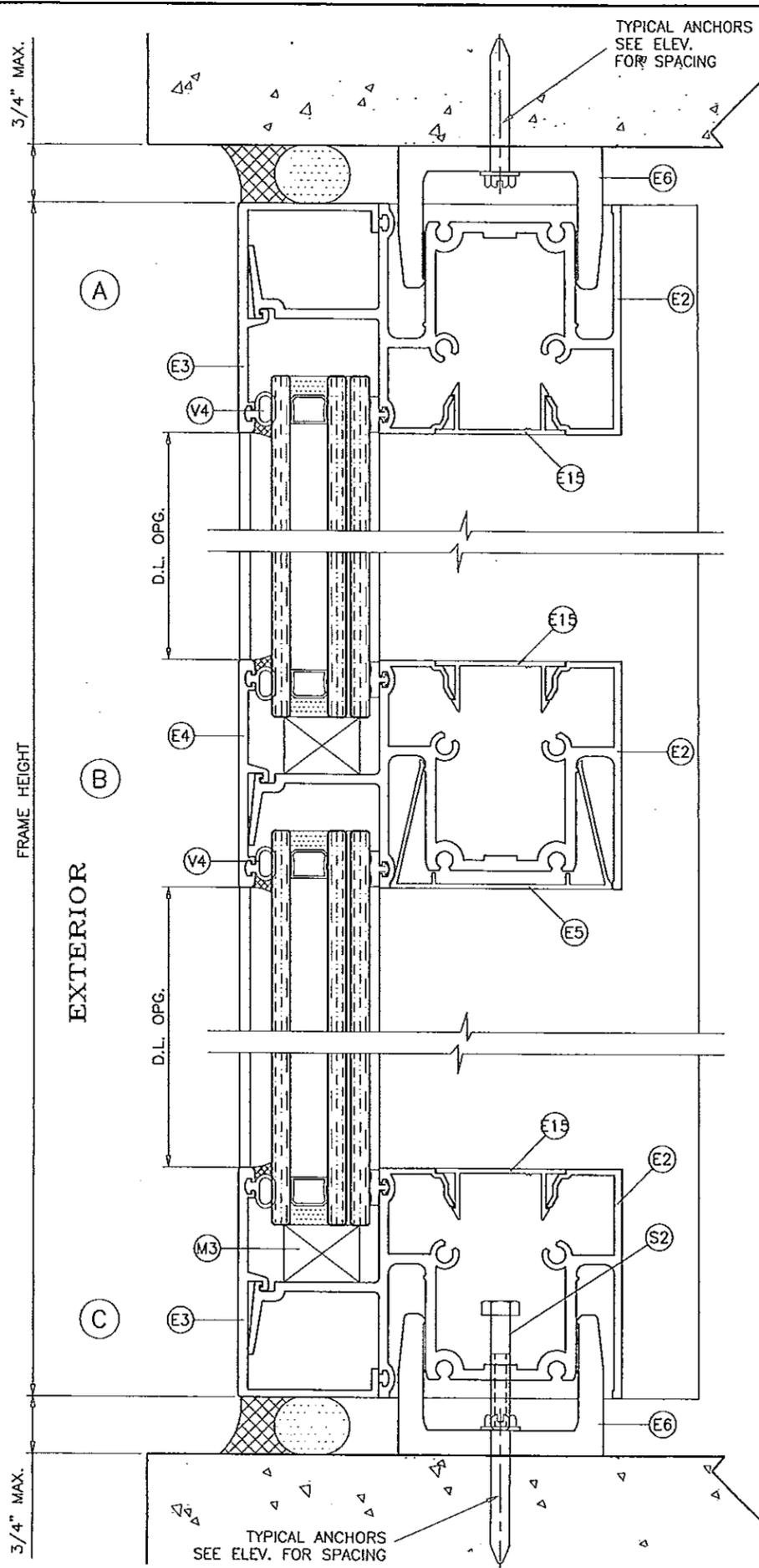
**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL: (305) 264-8100 FAX: (305) 262-6978  
STORE W07-62RC

PH3050 ALUM. WINDOW WALL SYSTEM (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

REVISIONS:	NO	DATE	DESCRIPTION
	A	07.07.09	UPDATED FOR 2007 FBC
	B	03.20.12	UPDATED TO 2010 FBC

date: 08-09-07  
scale: -  
dr. by: HAMID  
chk. by:

drawing no.  
**W07-62**  
sheet 3 of 6



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

- TYPE 'A'- 1/4" HILTI KWIK-CON II (Fu=163 KSI, Fy=157 KSI)  
DIRECTLY INTO CONCRETE (3000 PSI MIN)  
1-1/4" MIN. EMBED INTO CONCRETE
- TYPE 'B'- 1/4"-20 KWIK-FLEX SELF DRILLING SCREWS (Fu=92 KSI, Fy=120 KSI)  
INTO METAL STRUCTURES  
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
ALUMINUM : 1/8" THK. MIN. (6063-T6 MIN.)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**ANCHOR EDGE DISTANCES**  
INTO CONCRETE = 2" OR 2-1/2" MIN. (SEE CHART ON SHEET 3)  
INTO METAL STRUCTURE = 3/4" MIN.

**SEALANTS:**  
ALL FRAME CORNERS AND MULLION SEAMS SEALED  
WITH SILICONE.

PRODUCT REVISED  
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Expiration Date 02/07/2013  
By *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
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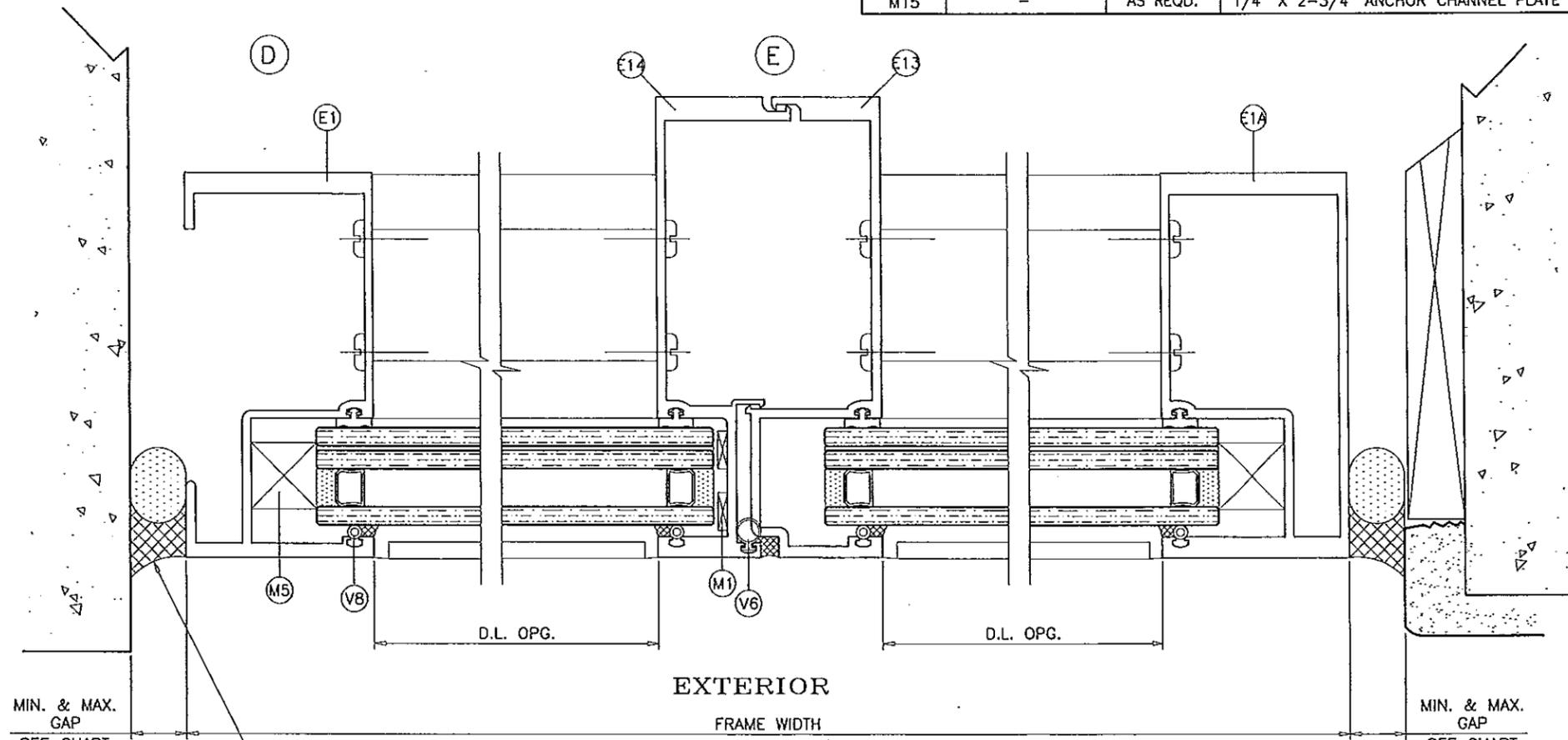
PH3050 ALUM. WINDOW WALL SYSTEM (S.M.I.)  
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2805 N.W. 75 TH AVE.  
MIAMI, FL. 33122  
TEL. (305) 592-1515 FAX. (305) 592-2184

no.	date	by	description
A	07.07.09		UPDATED FOR 2007 FBC
B	03.20.12		NO CHANGE THIS SHEET

date: 08-09-07	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
drawing no. W07-62			
sheet 4 of 6			

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	PH3050-003	AS REQD.	OPEN BACK FRAME JAMB	6063-T6	-
E1A	PH3050-017	AS REQD.	CLOSED FRAME JAMB	6063-T6	-
E2	PH3050-004	AS REQD.	HEAD, SILL & INTERMEDIATE HORIZONTAL	6063-T6	-
E3	PH3050-005	AS REQD.	GLAZING RETAINER HEAD & SILL	6063-T6	-
E4	PH3050-006	AS REQD.	GLAZING RETAINER INTERMEDIATE	6063-T6	-
E5	PH3050-007	AS REQD.	INTERIOR HORIZONTAL COVER	6063-T6	-
E6	PH3050-008	AS REQD.	ANCHOR CHANNEL HEAD & SILL	6005-T5	7-3/4" LONG
E13	PH3050-015	AS REQD.	MALE MULLION	6005-T5	-
E14	PH3050-016	AS REQD.	FEMALE MULLION	6005-T5	-
E15	FX345-007	-	INTERIOR COVER	6063-T6	-
-	-	-	-	-	-
V1	V-003	AS REQD.	MARINE GLAZING GASKET	-	-
V4	V-032	AS REQD.	GLAZING GASKET	VINYL	AT HEAD/SILL/HORIZONTAL
V6	V-047	AS REQD.	MULLION GASKET	VINYL	-
V8	-	AS REQD.	Ø 0.187 SPLINE	-	AT JAMB/MULLION
-	-	-	-	-	-
S1	#14 X 1-1/4"	4/ CORNER	ASSEMBLY SCREWS	ST/ST	PH. PHL. SMS POINT "B"
S2	1/4-20 X 1-1/2"	AS REQD.	LEVELING SCREWS	-	HEX HEAD FULL THREAD
-	-	-	-	-	-
M1	-	2/ LITE	1/8" X 1/2" X 4" LG. SETTING BLOCK	NEOPRENE	AT 6" FROM EACH END
M3	-	2/ LITE	3/4" X 3/4" X 4" LG SETTING BLOCK	NEOPRENE	AT 6" FROM EACH END
M5	-	2/ LITE	7/8" X 7/8" X 4" LG SETTING BLOCK	NEOPRENE	AT 6" FROM EACH END
M15	-	AS REQD.	1/4" X 2-3/4" ANCHOR CHANNEL PLATE	6063-T6	7-3/4" LONG



MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
72"	1/4"	3/4"
84"	3/8"	3/4"
96"	3/8"	3/4"
108"	3/8"	3/4"
120"	1/2"	3/4"

SILICONE DOW CORNING 790 DEPTH = 3/8" MIN.

PRODUCT REVISED as complying with the Florida Building Code  
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 By *[Signature]*  
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Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 MAR 27 2012

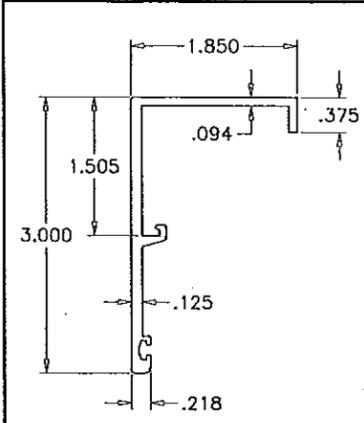
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**afC**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
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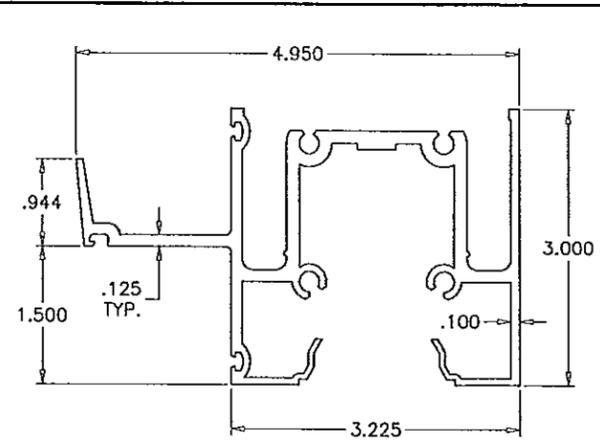
PH3050 ALUM. WINDOW WALL SYSTEM (S.M.I.)  
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 2805 N.W. 75 TH AVE.  
 MIAMI, FL. 33122  
 TEL. (305) 592-1515 FAX. (305) 592-2184

revisions:	no.	date	by	description
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B	03.20.12			NO CHANGE THIS SHEET

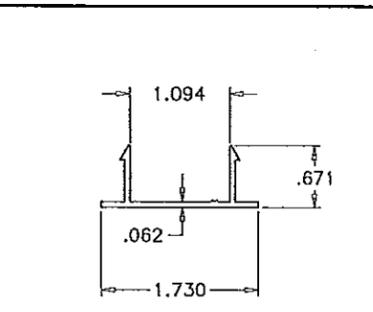
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 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:  
 drawing no. **W07-62**  
 sheet 5 of 6



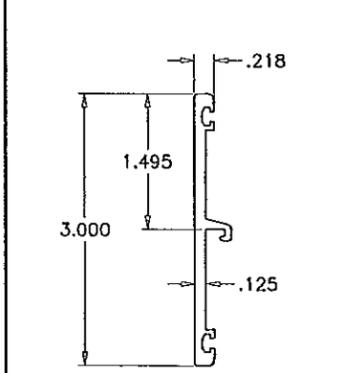
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GLAZING RETAINER HEAD/SILL



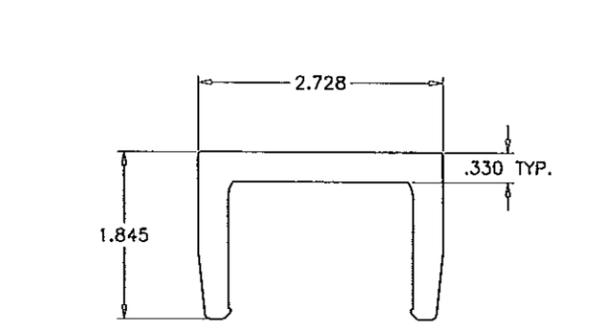
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FRAME HEAD/SILL/HORIZONTAL



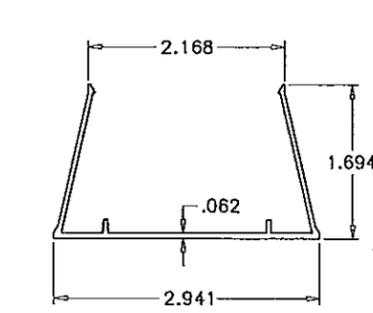
E15  
COVER HEAD/SILL/HORIZONTAL



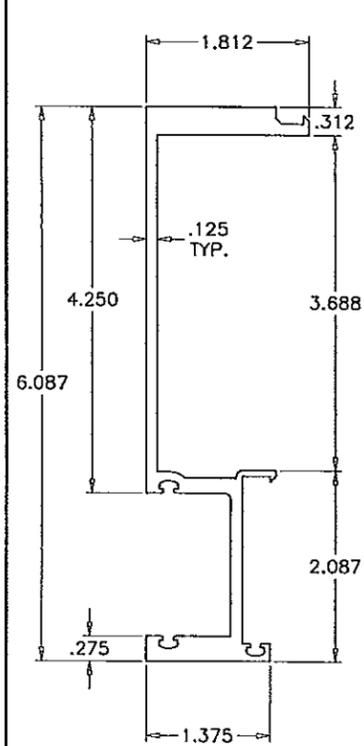
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GLAZING RETAINER HORIZONTAL



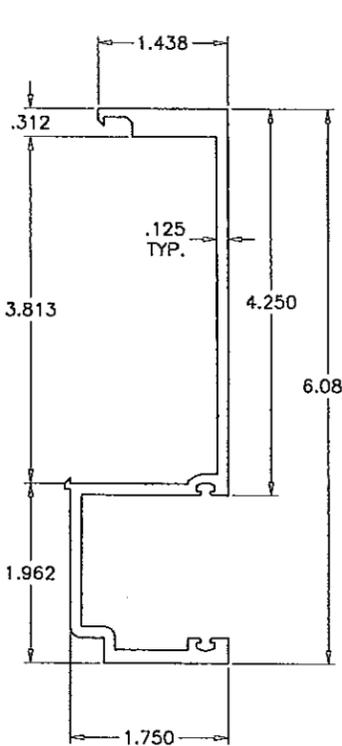
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ANCHOR



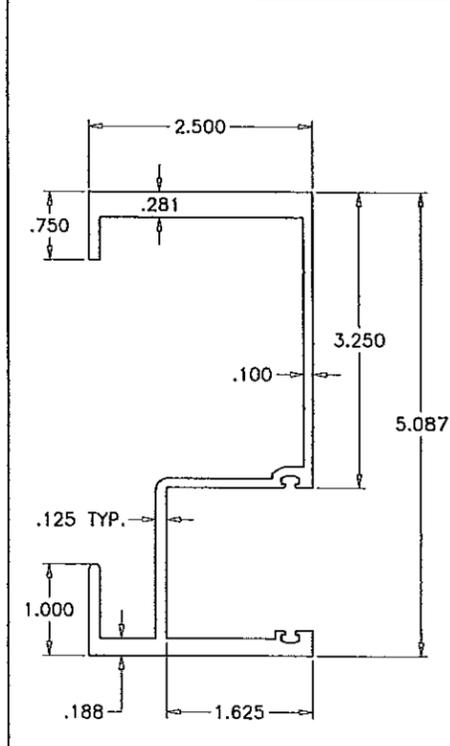
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INTERIOR COVER HORIZONTAL



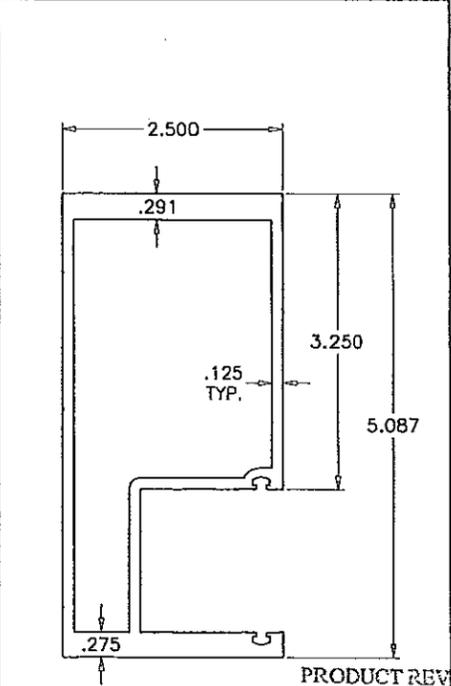
E14  
MALE MULLION



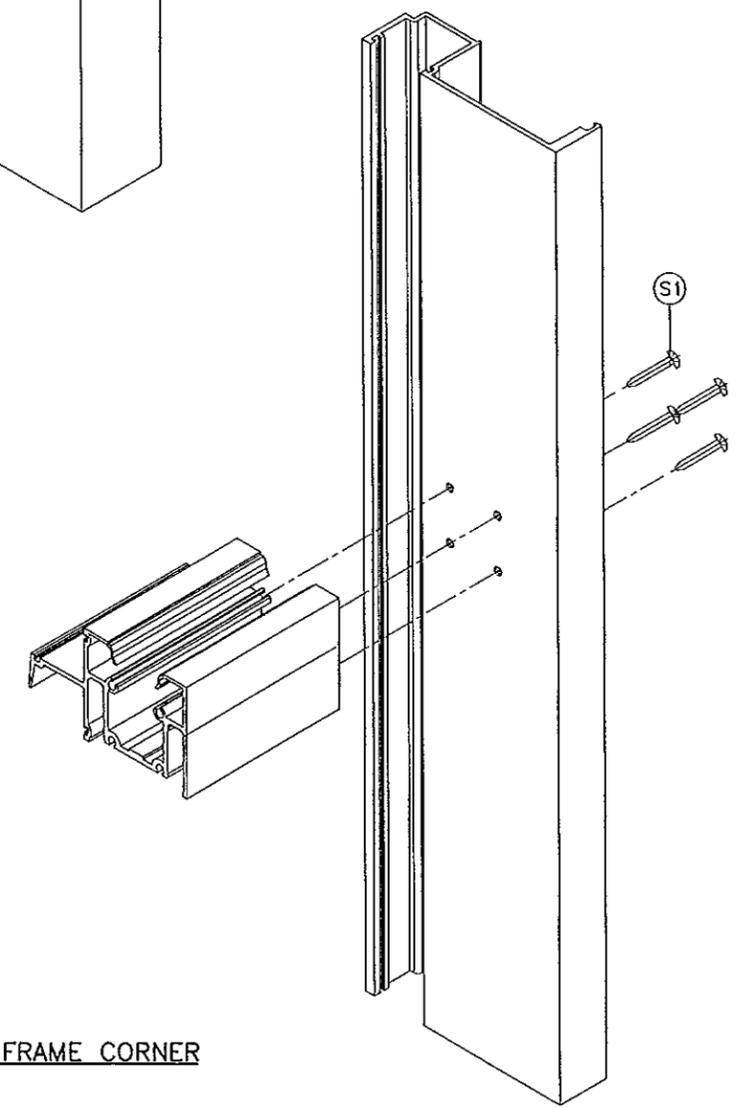
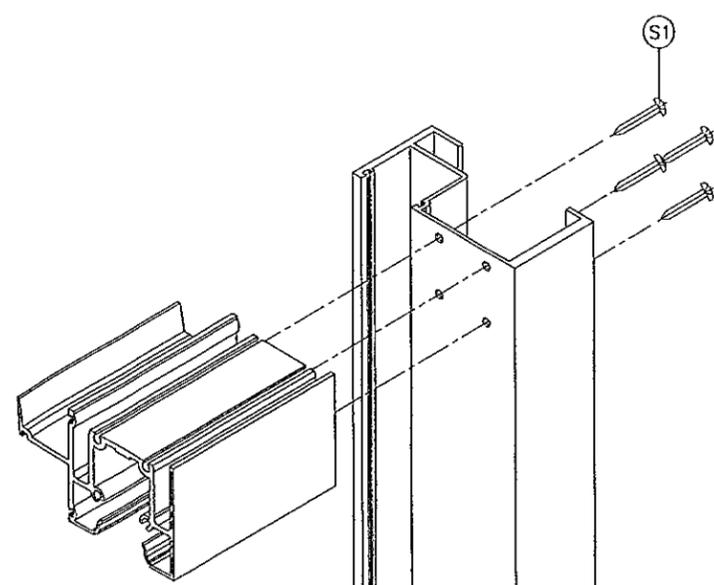
E13  
FEMALE MULLION



E1  
OPEN BACK FRAME JAMB



E1A  
CLOSED FRAME JAMB



FRAME CORNER

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sheet 6 of 6