



**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) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**R.C. Aluminum Industries, Inc.  
2805 N.W. 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 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: Series HP 3070 Aluminum Window Wall System w/ 7" Mullion (S.M.I.)**

**APPROVAL DOCUMENT:** Drawing No. **W04-26**, titled " Series HP 3070 Alum. Window Wall System (S.M.I.)", sheets 1 through 6 of 6, prepared by AL-Farooq Corporation, dated 03/23/04, signed and sealed by Humayoun Farooq, 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: Small Missile Impact**

**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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

*MB*  
*6/8/2004*



**NOA No 04-0512.02  
Expiration Date: July 01, 2009  
Approval Date: July 01, 2004  
Page 1**

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

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturers die drawings and sections.
2. Drawing No. **W04-26**, titled "Series HP 3070 Alum. Window Wall System (S.M.I.)", sheets 1 through 6 of 6, prepared by AL-Farooq Corporation, dated 03/23/04, signed and sealed by Humayoun Farooq, 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 Resistant Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3970**, dated 11/10/03, signed and sealed by Edmundo J. Largaespada, P.E.
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
  - 6) Forced Entry Resistant Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3928**, dated 10/08/03, signed and sealed by Edmundo J. Largaespada, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by AL-Farooq Corporation, dated 05/04/04, signed and sealed by Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB", dated 02/15/01, expiring on 12/12/05.



**Theodore Berman, P.E.**

**Deputy Director, Product Control Division**

**NOA No 04-0512.02**

**Expiration Date: July 01, 2009**

**Approval Date: July 01, 2004**

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

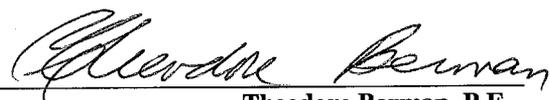
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of no financial interest, dated 04/20/04 signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of Code Compliance issued by AL- Farooq Corporation, on 04/20/04 signed and sealed by Humayoun Farooq, P.E.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).



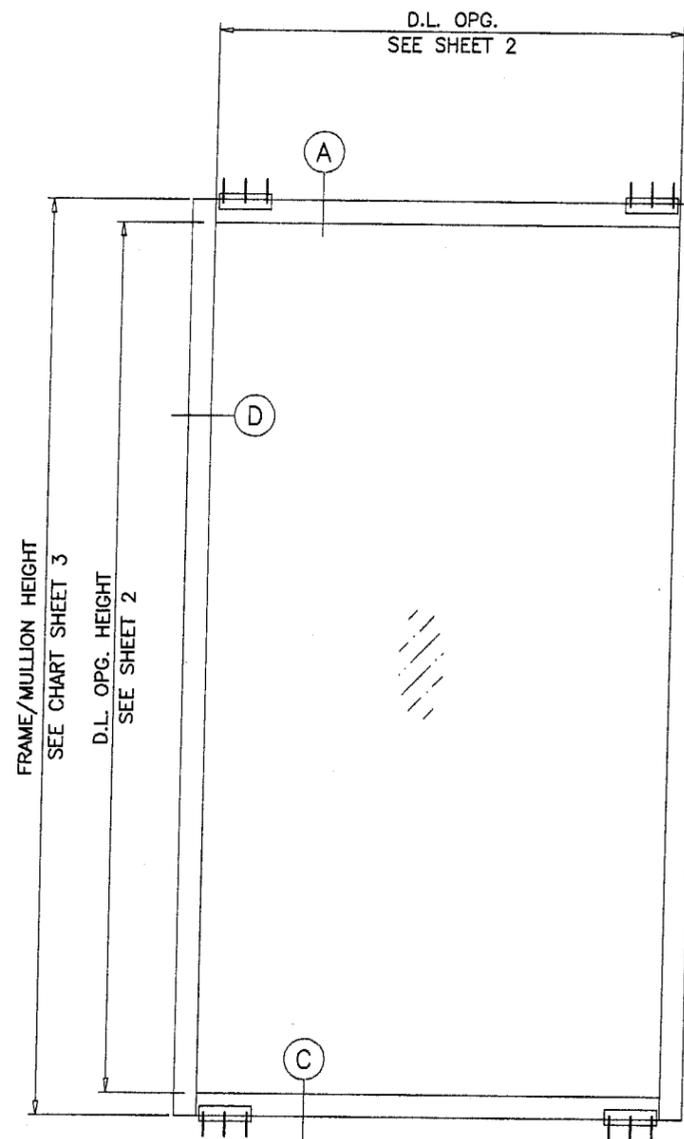
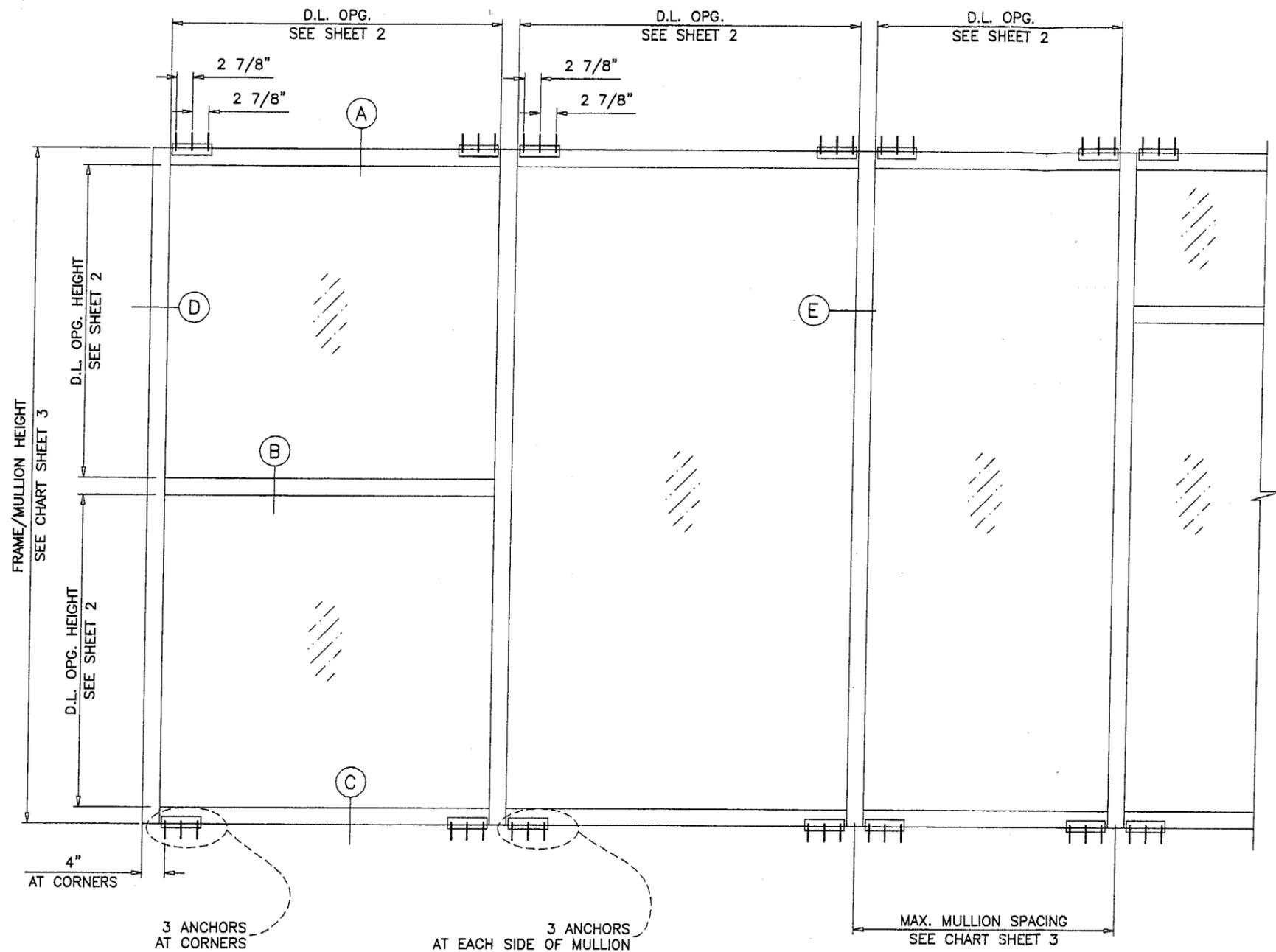
**Theodore Berman, P.E.**

**Deputy Director, Product Control Division**

**NOA No 04-0512.02**

**Expiration Date: July 01, 2009**

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TYPICAL ELEVATIONS

**HP3070 ALUM. WINDOW WALL SYSTEM (S.M.I.)**

THIS SYSTEM IS RATED FOR SMALL MISSILE IMPACT.  
 SHUTTERS NOT REQUIRED FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.  
 CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED. A 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS.

**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** SEE CHARTS ON SHEETS 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
  - STEP 3** CHECK MULLION AND JAMBS CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 3. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.

Approved as complying with the Florida Building Code  
 Date 07/01/04  
 NOA# 04-0512-02  
 Miami Dade Product Control Division  
 By *Alfredo Lerman*

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 18557  
 C.A.N. 3538  
 MAY 05 2004

**afc**

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 STORE W04-26RC

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**HP3070 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

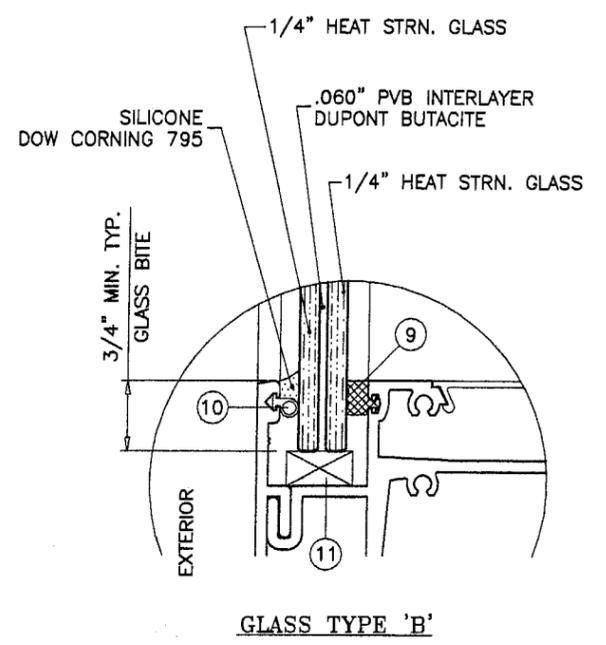
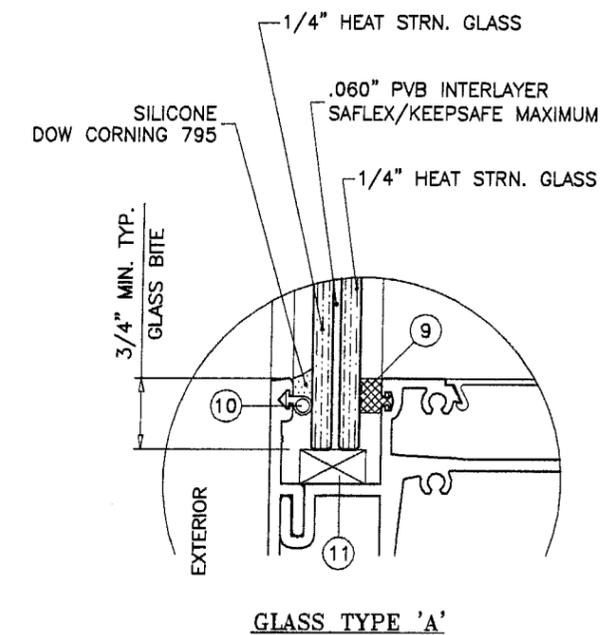
no.	date	description

date: 03-23-04  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:   
 drawing no. **W04-26**  
 sheet 1 of 6

GLASS DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS		GLASS TYPE 'A'	GLASS TYPE 'B'
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)
24"	60"	160.0	100.0
27"		160.0	100.0
30"		160.0	100.0
33"		160.0	100.0
36"		160.0	100.0
39"		160.0	100.0
42"		160.0	100.0
45"		160.0	100.0
48"		160.0	100.0
51"		159.9	100.0
54"		150.6	100.0
57"		142.0	100.0
60"		134.4	100.0
63"		128.8	100.0
66"	123.9	100.0	
69"	119.1	100.0	
72"	114.6	-	
24"	66"	160.0	100.0
27"		160.0	100.0
30"		160.0	100.0
33"		160.0	100.0
36"		160.0	100.0
39"		160.0	100.0
42"		160.0	100.0
45"		160.0	100.0
48"		158.6	100.0
51"		146.7	100.0
54"		138.3	100.0
57"		130.6	100.0
60"		123.9	100.0
63"		117.6	100.0
66"	111.6	-	
69"	107.7	-	
72"	103.9	-	
24"	72"	160.0	100.0
27"		160.0	100.0
30"		160.0	100.0
33"		160.0	100.0
36"		160.0	100.0
39"		160.0	100.0
42"		160.0	100.0
45"		156.0	100.0
48"		144.7	100.0
51"		135.4	100.0
54"		127.5	100.0
57"		120.7	100.0
60"		114.6	-
63"		109.0	-
66"	103.9	-	
69"	99.1	-	

GLASS DESIGN LOAD CAPACITY - PSF				
NOMINAL DIMS		GLASS TYPE 'A'	GLASS TYPE 'B'	
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	
24"	78"	160.0	100.0	
27"		160.0	100.0	
30"		160.0	100.0	
33"		160.0	100.0	
36"		160.0	100.0	
39"		160.0	100.0	
42"		159.4	100.0	
45"		145.3	100.0	
48"		134.4	100.0	
51"		125.4	100.0	
54"		118.0	100.0	
57"		111.9	-	
60"		106.3	-	
63"		101.4	-	
24"	84"	160.0	100.0	
27"		160.0	100.0	
30"		160.0	100.0	
33"		160.0	100.0	
36"		160.0	100.0	
39"		160.0	100.0	
42"		150.3	100.0	
45"		136.3	100.0	
48"		125.4	100.0	
51"		116.7	-	
54"		109.8	-	
57"		103.9	-	
24"		90"	160.0	100.0
27"			160.0	100.0
30"	160.0		100.0	
33"	160.0		100.0	
36"	160.0		100.0	
39"	160.0		100.0	
42"	142.6		100.0	
45"	128.5		-	
48"	117.7		-	
51"	109.2		-	
54"	102.4		-	
24"	96"		160.0	100.0
27"			160.0	100.0
30"			160.0	100.0
33"		160.0	100.0	
36"		160.0	100.0	
39"		154.8	100.0	
42"		136.2	100.0	
45"		121.9	-	
48"		111.0	-	
51"		102.6	-	

GLASS DESIGN LOAD CAPACITY - PSF				
NOMINAL DIMS		GLASS TYPE 'A'	GLASS TYPE 'B'	
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	
24"	102"	160.0	100.0	
27"		160.0	100.0	
30"		160.0	100.0	
33"		160.0	100.0	
36"		150.0	100.0	
39"		149.5	100.0	
42"		130.8	-	
45"		116.4	-	
48"		105.4	-	
24"		108"	160.0	100.0
27"	160.0		100.0	
30"	160.0		100.0	
33"	160.0		100.0	
36"	150.0		100.0	
39"	145.3		100.0	
42"	126.3		-	
45"	111.7		-	
24"	114"		160.0	100.0
27"			160.0	100.0
30"		160.0	100.0	
33"		150.0	100.0	
36"		150.0	100.0	
39"		141.7	-	
42"		122.5	-	
24"		120"	160.0	100.0
27"			160.0	100.0
30"			160.0	100.0
33"	150.0		100.0	
36"	150.0		-	
39"	138.6		-	



Approved as complying with the Florida Building Code  
 Date 07/01/04  
 NOA# 04-0512.02  
 Miami Dade Product Control  
 Division  
 By Cherodre Berman

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
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**afc**

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no	date	by	description

date: 03-23-04  
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 dr. by: HAMID  
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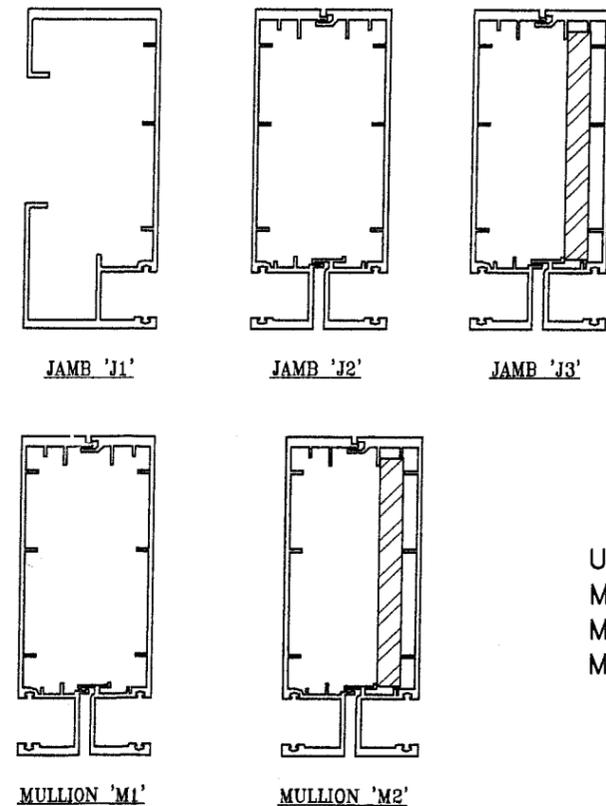
drawing no.  
**W04-26**

sheet 2 of 6

MULLION/JAMB DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		JAMB 'J1' & 'J2' MULLION 'M1'		JAMB 'J3' MULLION 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	66"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		150.0	150.0	150.0	160.0
48"		150.0	150.0	150.0	160.0
54"		150.0	150.0	150.0	160.0
60"		150.0	150.0	150.0	160.0
66"		150.0	150.0	150.0	160.0
72"		144.6	144.6	150.0	160.0
72"		132.6	132.6	139.8	160.0
30"	72"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		150.0	150.0	150.0	160.0
48"		150.0	150.0	150.0	160.0
54"		150.0	150.0	150.0	160.0
60"		150.0	150.0	150.0	160.0
66"		144.6	144.6	150.0	160.0
72"		132.6	132.6	139.8	160.0
72"		122.4	122.4	129.0	160.0
30"	78"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		150.0	150.0	150.0	160.0
48"		150.0	150.0	150.0	160.0
54"		150.0	150.0	150.0	160.0
60"		146.8	146.8	150.0	160.0
66"		133.5	133.5	140.8	160.0
72"		122.4	122.4	129.0	160.0
72"		122.4	122.4	129.0	160.0
30"	84"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		150.0	150.0	150.0	160.0
48"		150.0	150.0	150.0	160.0
54"		150.0	150.0	150.0	160.0
60"		136.3	136.3	143.8	160.0
66"		123.9	123.9	130.7	160.0
72"		-	-	90.0	110.0
72"		-	-	90.0	110.0
30"	90"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		150.0	150.0	150.0	160.0
48"		150.0	150.0	150.0	160.0
54"		141.4	141.4	149.1	160.0
60"		127.2	127.2	134.2	160.0
66"		-	-	120.0	160.0
72"		-	-	90.0	110.0
72"		-	-	90.0	110.0

MULLION/JAMB DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		JAMB 'J1' & 'J2' MULLION 'M1'		JAMB 'J3' MULLION 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	96"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		150.0	150.0	150.0	160.0
48"		149.1	149.1	150.0	160.0
54"		132.6	132.6	139.8	160.0
60"		-	-	120.0	160.0
66"		-	-	90.0	110.0
72"		-	-	90.0	110.0
72"		-	-	90.0	110.0
30"	102"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		149.7	149.7	150.0	160.0
48"		140.3	140.3	148.0	160.0
54"		124.8	124.8	131.6	160.0
60"		-	-	90.0	110.0
66"		-	-	90.0	110.0
66"		-	-	90.0	110.0
66"		-	-	90.0	110.0
30"	108"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		150.0	150.0	150.0	160.0
45"		141.4	141.4	149.1	160.0
48"		132.6	132.6	139.8	160.0
54"		-	-	120.0	160.0
60"		-	-	90.0	110.0
66"		-	-	90.0	110.0
66"		-	-	90.0	110.0
66"		-	-	90.0	110.0
30"	114"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		143.5	143.5	150.0	160.0
45"		133.9	133.9	141.3	160.0
48"		125.6	125.6	132.4	160.0
54"		-	-	90.0	110.0
60"		-	-	90.0	110.0
60"		-	-	90.0	110.0
60"		-	-	90.0	110.0
60"		-	-	90.0	110.0
30"	120"	150.0	150.0	150.0	160.0
36"		150.0	150.0	150.0	160.0
42"		136.3	136.3	143.8	160.0
45"		127.2	127.2	134.2	160.0
48"		-	-	120.0	160.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
30"	126"	-	-	150.0	160.0
36"		-	-	150.0	160.0
42"		-	-	136.9	160.0
45"		-	-	127.8	160.0
48"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0
54"		-	-	90.0	110.0

MULLION/JAMB DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		JAMB 'J1' & 'J2' MULLION 'M1'		JAMB 'J3' MULLION 'M2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	132"	-	-	150.0	160.0
36"		-	-	150.0	160.0
42"		-	-	130.7	160.0
45"		-	-	120.0	160.0
48"		-	-	90.0	110.0
30"	138"	-	-	90.0	110.0
36"		-	-	90.0	110.0
42"		-	-	90.0	110.0
45"		-	-	90.0	110.0
48"		-	-	90.0	110.0
30"	144"	-	-	90.0	110.0
36"		-	-	90.0	110.0
42"		-	-	90.0	110.0
45"		-	-	90.0	110.0
48"		-	-	90.0	110.0
30"	147"	-	-	90.0	110.0
36"		-	-	90.0	110.0
42"		-	-	90.0	110.0
45"		-	-	90.0	110.0
48"		-	-	90.0	110.0

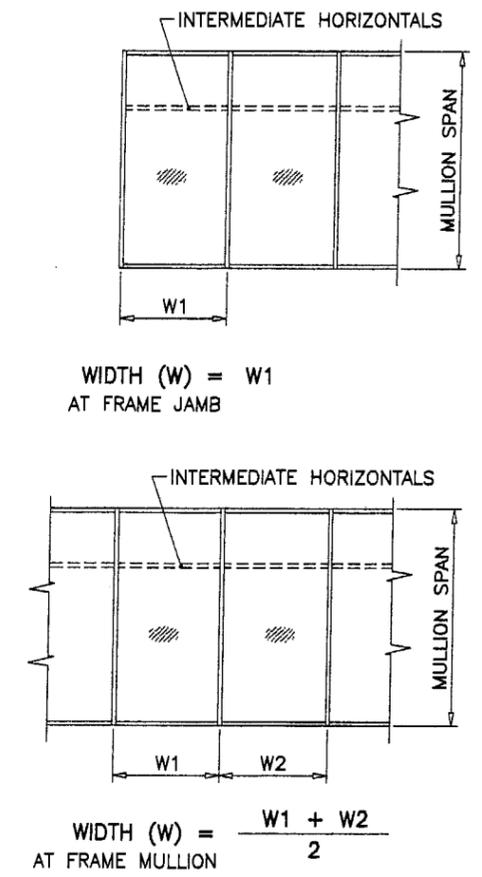


UN-REINFORCED MULLION WITHOUT HORIZONTAL  
 MAX. FRAME HEIGHT = 120 INCHES  
 MAX. WIDTH (W) = 48 INCHES  
 MAX. DESIGN LOAD CAPACITY = ±150 PSF

Engr. DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

Approved as complying with the  
 Florida Building Code  
 Date 07/01/04  
 NOA# 04-0512-02  
 Miami Dade Product Control  
 Division  
 By: *Glenn Berman*

MAY 05 2004



**afc**

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 STORE/W04-26RC

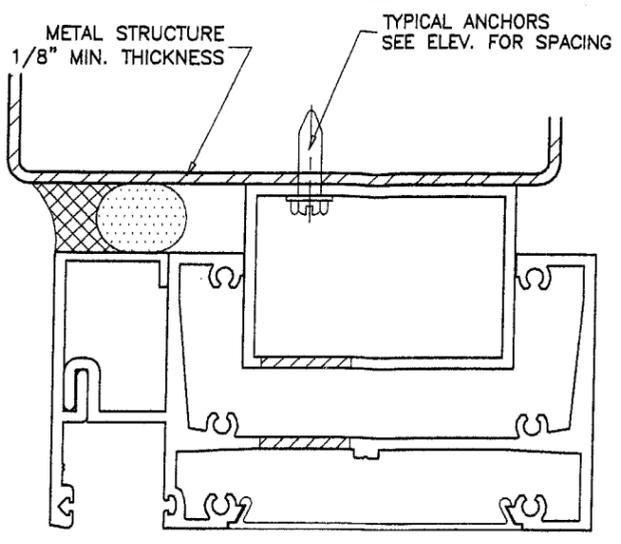
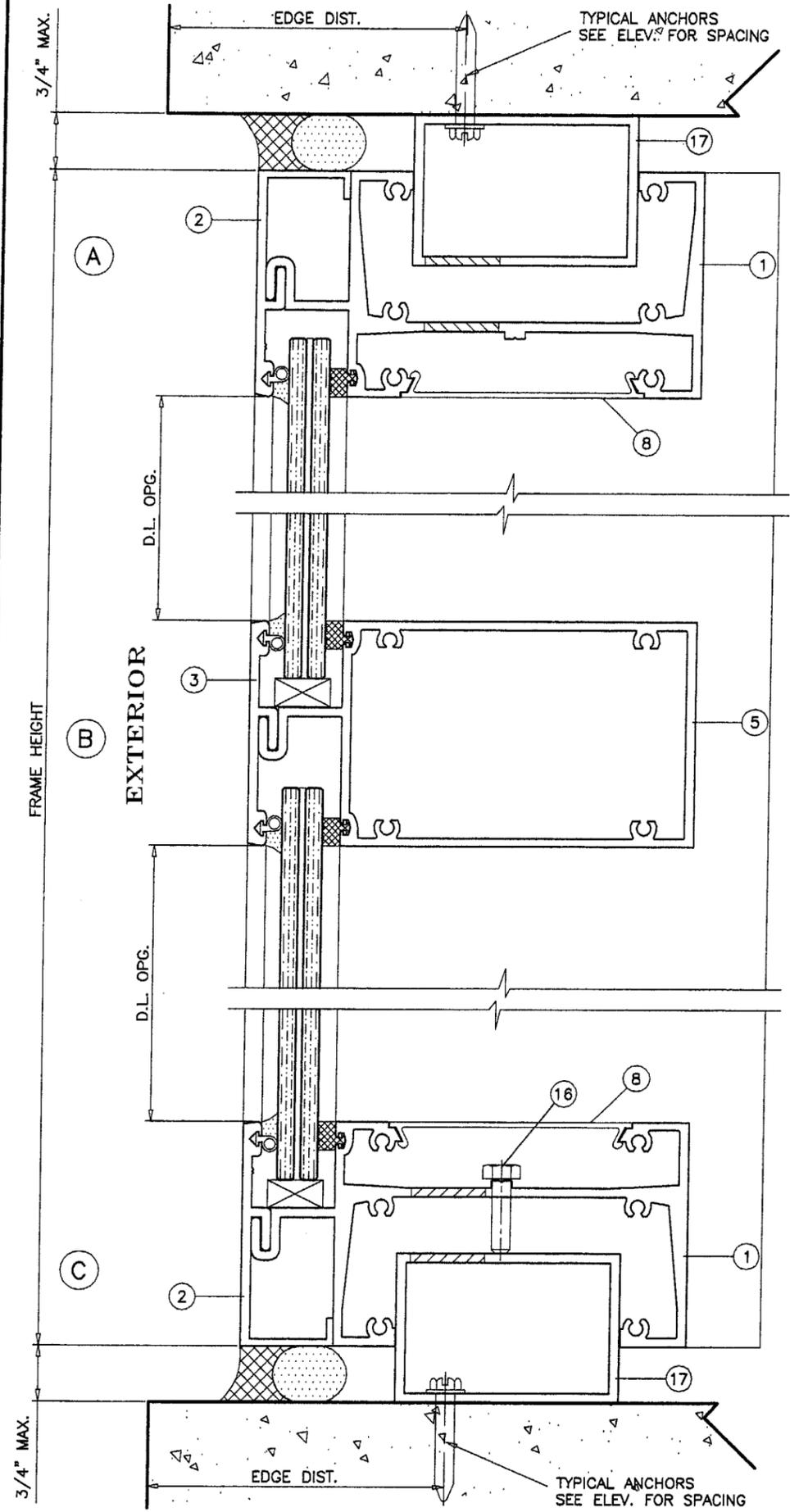
**R.C. ALUMINUM INDUSTRIES INC.**  
 2805 N.W. 75 TH AVE.  
 MIAMI, FL. 33122  
 TEL. (305) 592-1515 FAX. (305) 592-2184

revisions:	no	date	by	description

date: 03-23-04  
 scale: -  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-26**

sheet 3 of 6



WOOD BUCKS AND 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

- A) 1/4" HILTI KWIK CON II  
DIRECTLY INTO CONC.  
WITH 1-1/4" MIN. EMBED INTO CONC.  
TYPICAL EDGE DISTANCE = 3" MIN.  
LESSER EDGE DISTANCE TO BE CHECKED  
ON JOB TO JOB BASIS.
- B) 1/4-20 KWIK-FLEX SELF DRILLING SCREWS BY 'HILTI'  
INTO METAL STRUCTURES  
(STEEL OR ALUMINUM 1/8" MIN. THICK.)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.

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

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Miami Dade Product Control  
Division  
By Sherrill Berman

Engr: D. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557  
C.A.N. 3538

[Signature]

MAY 05 2004

**afc**

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STORE W04-26RC

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HP3070 ALUM. WINDOW WALL SYSTEM (S.M.I.)

**R.C. ALUMINUM INDUSTRIES INC.**  
2805 N.W. 75 TH AVE.  
MIAMI, FL. 33122  
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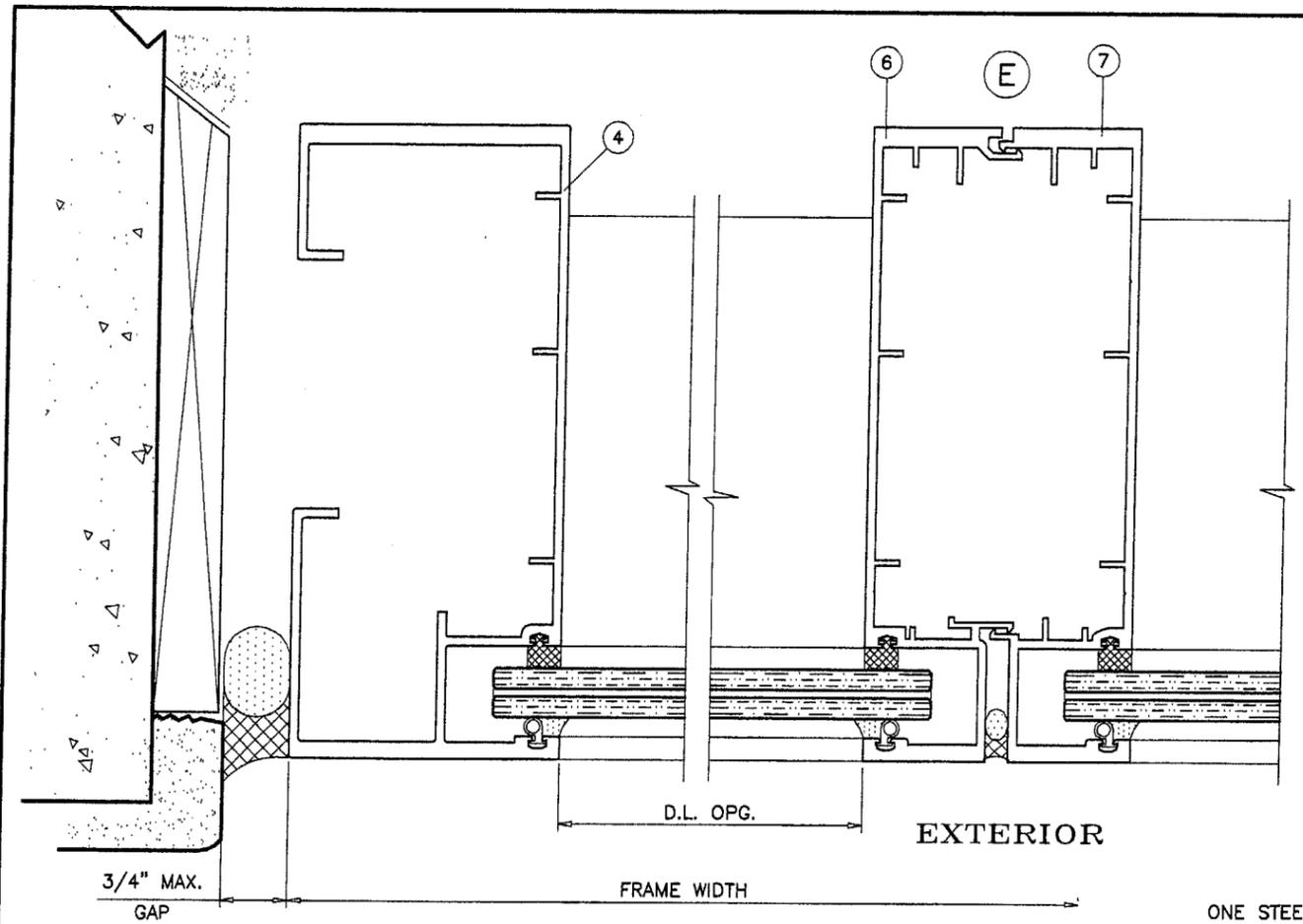
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date: 03-23-04	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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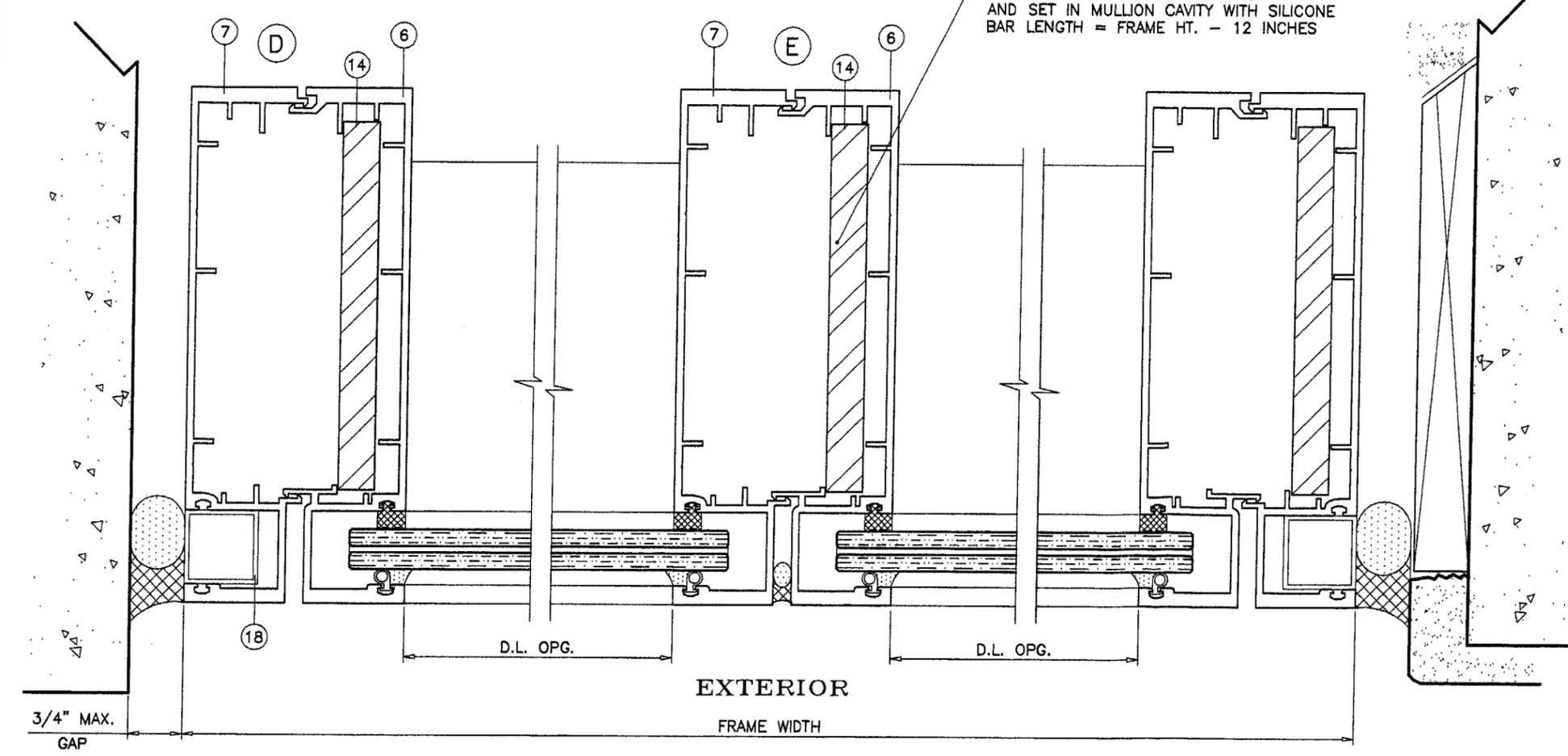
drawing no.  
**W04-26**

sheet 4 of 6

MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	HP3060-051	AS REQD.	FRAME HEAD/SILL	6005-T6	-
2	FX345-006	AS REQD.	GLAZING RETAINER (HEAD/SILL)	6063-T6	-
3	FX345-005	AS REQD.	GLAZING RETAINER (HORIZONTAL)	6063-T6	-
4	HP3060-044	AS REQD.	FRAME JAMB	6063-T6	-
5	HP3060-041	AS REQD.	HORIZONTAL	6063-T6	-
6	HP3060-042	AS REQD.	FEMALE MULLION	6063-T6	-
7	HP3060-043	AS REQD.	MALE MULLION	6063-T6	-
8	HP3060-011	AS REQD.	SNAP-IN COVER HEAD/SILL	6063-T6	-
9	WV-8215	AS REQD.	GLAZING GASKET	VINYL	WIBORG
10	WV-3289	AS REQD.	BULB WEATHERSTRIPPING	VINYL	WIBORG
11	-	2/ LITE	SETTING BLOCKS (3/4" X 3/8" X 4")	NEOPRENE	LOWE
12	-	-	SEALANT DOW CORNING 795	SILICONE	-
13	-	-	-	-	-
14	-	AS REQD.	REINFORCING BAR (1/2" X 5")	STEEL	SILICONED IN PLACE
15	-	AS REQD.	FRAME ASSEMBLY SCREWS	-	# 12 X 1-1/4" PH SMS
16	-	AS REQD.	LEVELING SCREWS	-	1/4-20 X 3/4" HH MS
17	-	AS REQD.	ANCHOR TUBE (2 X 3 X 1/8")	-	7" LONG
18	-	AS REQD.	FILLER TUBE	ALUMINUM	-



ONE STEEL BAR  
 SEE SHEET 3 FOR CAPACITY  
 STEEL TO BE PAINTED OR PLATED  
 AND SET IN MULLION CAVITY WITH SILICONE  
 BAR LENGTH = FRAME HT. - 12 INCHES



Approved as complying with the  
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 Date 07/01/04  
 NOA# 04-0512.02  
 Miami Dade Product Control  
 Division  
 By Murad Loman

Engr: DR. HUMAYOLIN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 MAY 05 2004

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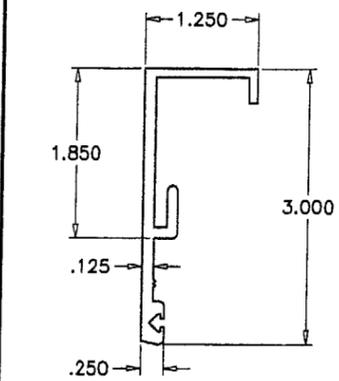
**AL-FAROOQ CORPORATION**  
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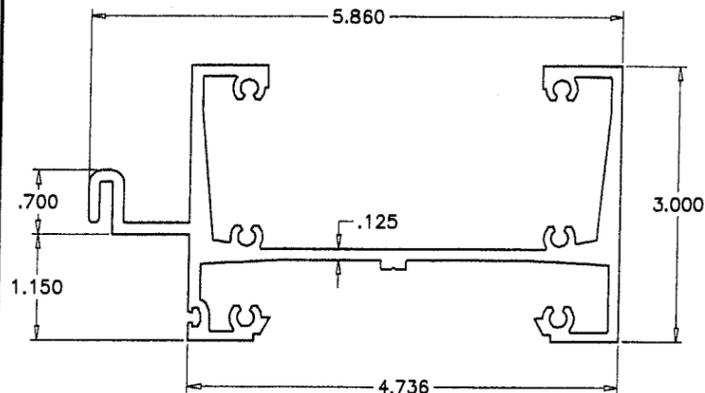
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date: 03-23-04  
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 dr. by: HAMID  
 chk. by:

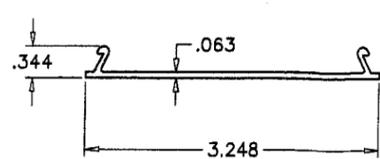
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 sheet 5 of 6



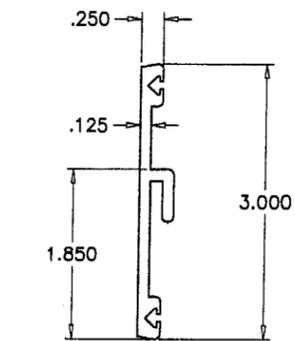
② GLAZING RETAINER HEAD/SILL



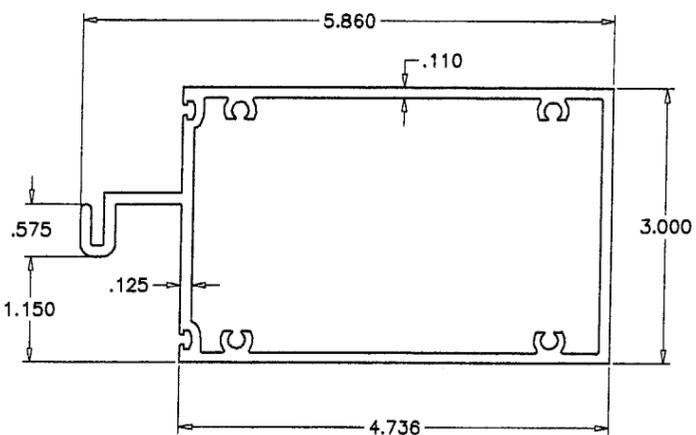
① FRAME HEAD/SILL



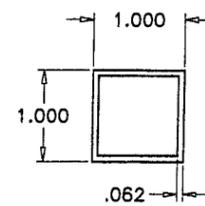
⑧ COVER HEAD/SILL



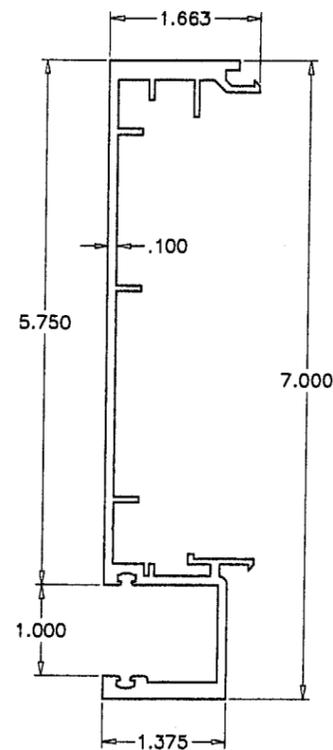
③ GLAZING RETAINER HORIZONTAL



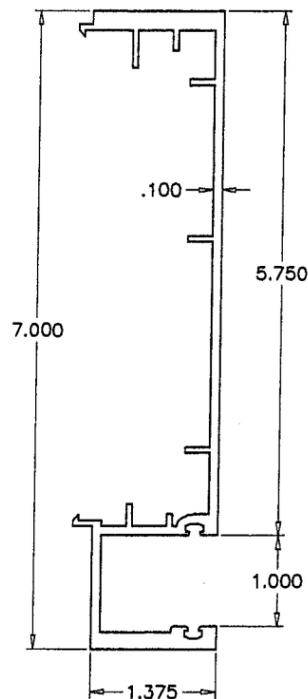
⑤ HORIZONTAL



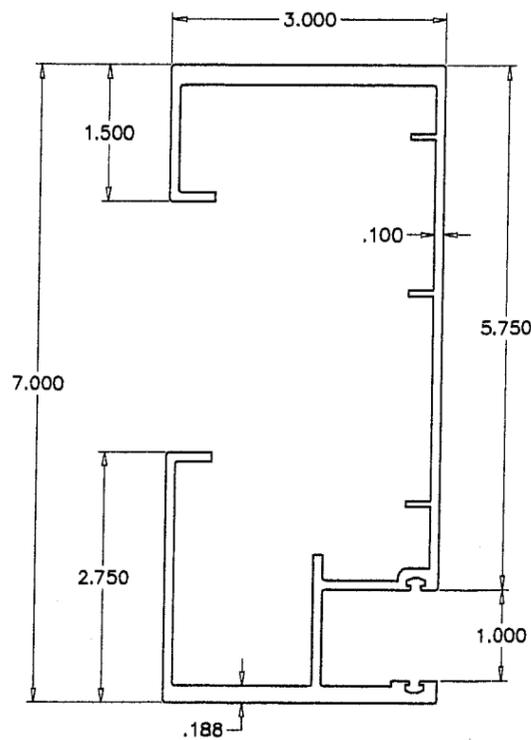
⑱ FILLER TUBE



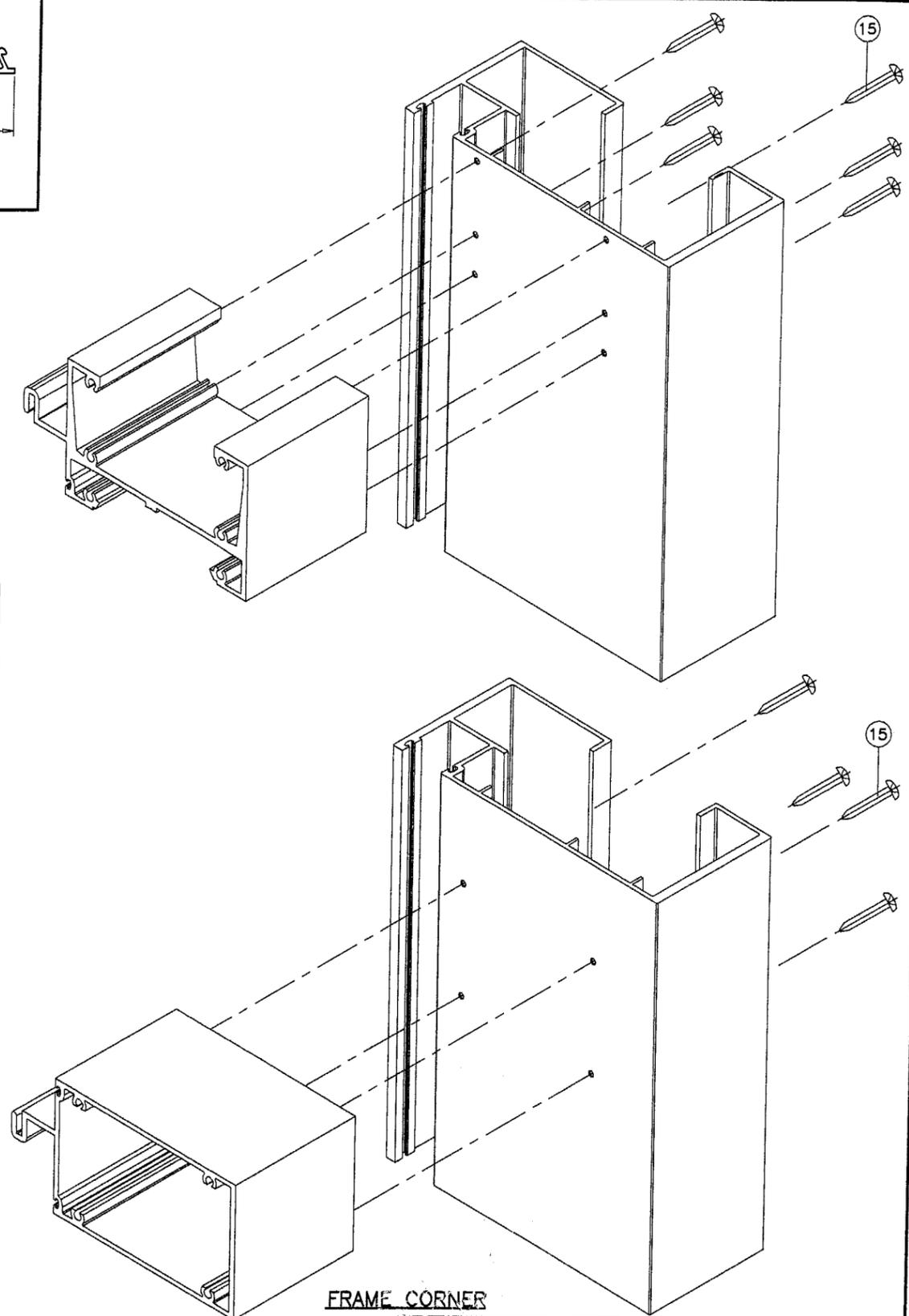
⑦ MALE MULLION



⑥ FEMALE MULLION



④ FRAME JAMB



FRAME CORNER

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Miami Dade Product Control  
Division  
By *Quaden Derna*

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

MAY 05 2004

HP3070 ALUM. WINDOW WALL SYSTEM (S.M.I.)

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revisions:  
no date by description

date: 03-23-04

scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.

W04-26

sheet 6 of 6

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