



**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. 75th 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 3060 Aluminum Window Wall System (S.M.I.)

APPROVAL DOCUMENT: Drawing No. **W04-25**, titled "Series HP 3060 Alum. Window Wall System (S.M.I.)", sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 03/22/04, 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.**

Handwritten signature and date: 6/8/2004



**NOA No 04-0517.02
Expiration Date: July 01, 2009
Approval Date: July 01, 2004
Page 1**

R.C. Aluminum Industries, Inc.

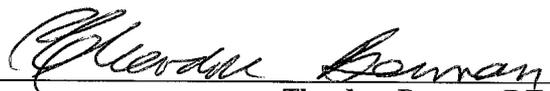
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturers die drawings and sections.
2. Drawing No. **W04-25**, titled "Series HP 3060 Alum. Window Wall System (S.M.I.)", sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 03/22/04, 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-3542**, dated 08/19/03, 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-3541**, dated 08/19/03, signed and sealed by Edmundo J. Largaespada, P.E.
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 202-94along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-02-1266**, dated 11/15/02, signed and sealed by Rafael E. Droz-Seda, P.E.
4. Test reports on
 - 1) Small Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-02-1269**, dated 11/26/02, signed and sealed by Rafael E. Droz-Seda, P.E.
5. Tensile Test prepared by Hurricane Engineering & Testing, Inc., Test No. **HETI-02-T096**, dated 12/31/02, signed and sealed by Rafael E. Droz-Seda, P.E.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 04-0517.02

Expiration Date: July 01, 2009

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C. CALCULATIONS

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

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

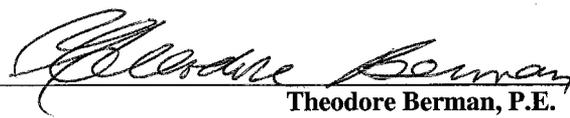
1. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB", dated 02/15/01, expiring on 12/12/05.

F. STATEMENTS

1. Statement letter of no financial interest, dated 05/05/04 signed and sealed by Huamyoun Farooq, P.E.
2. Statement letter of Code Compliance issued by AL- Farooq Corporation, on 05/05/04 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).



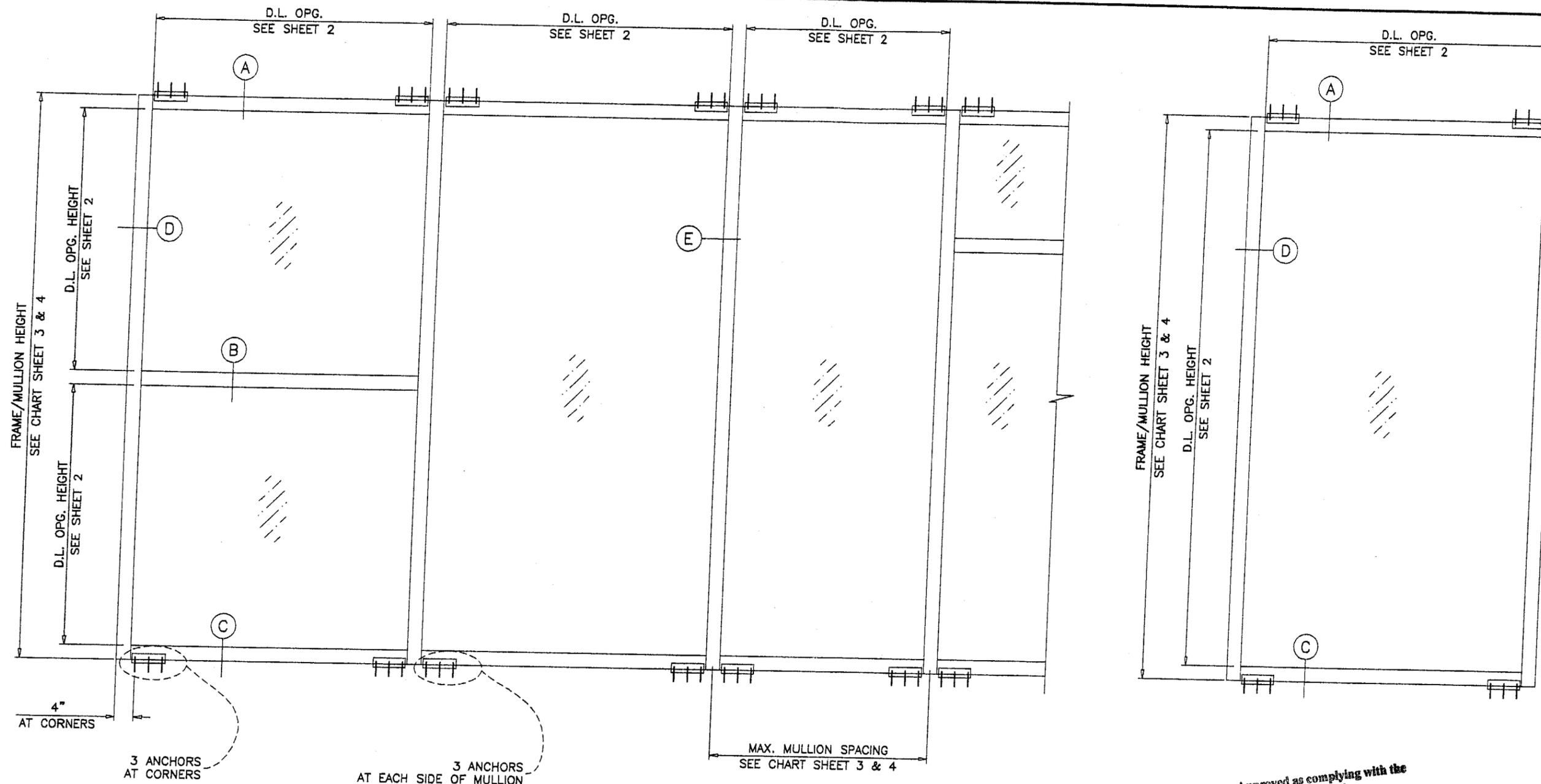
Theodore Berman, P.E.

Deputy Director, Product Control Division

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HP3060 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.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 SHEETS 3 & 4. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.

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

[Signature]

MAY 13 2004

Approved as complying with the
Florida Building Code
Date 07/01/04
NOA# 04-0517-02
Miami Dade Product Control
Division
By: *[Signature]*

revisions:	
no	date by description

date: 03-22-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-25

sheet 1 of 8

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

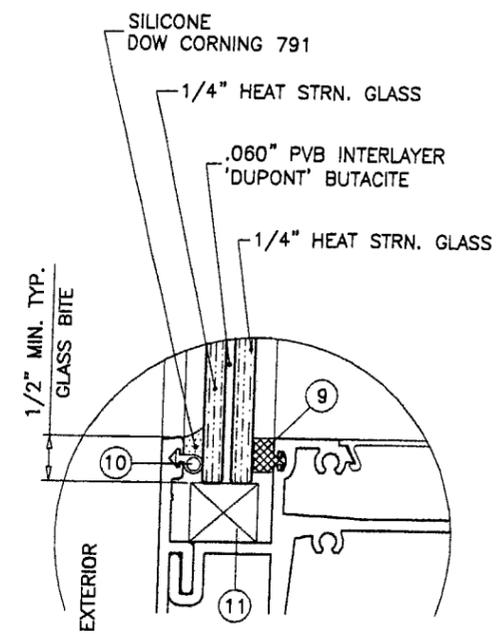
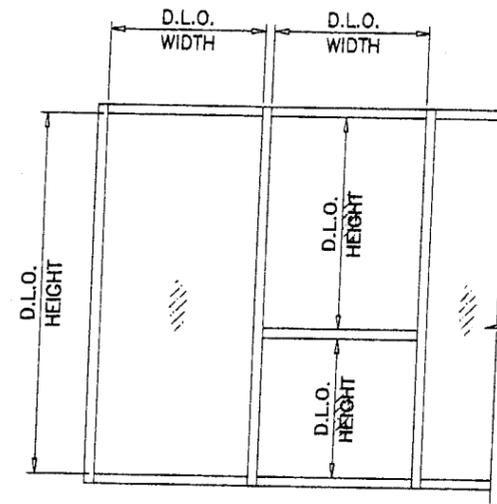
HP3060 ALUM. WINDOW WALL SYSTEM (S.M.I.)
R.C. ALUMINUM INDUSTRIES INC.
2805 N.W. 75 TH AVE.
MIAMI, FL. 33122
TEL. (305) 592-1515 FAX. (305) 592-2184

afc

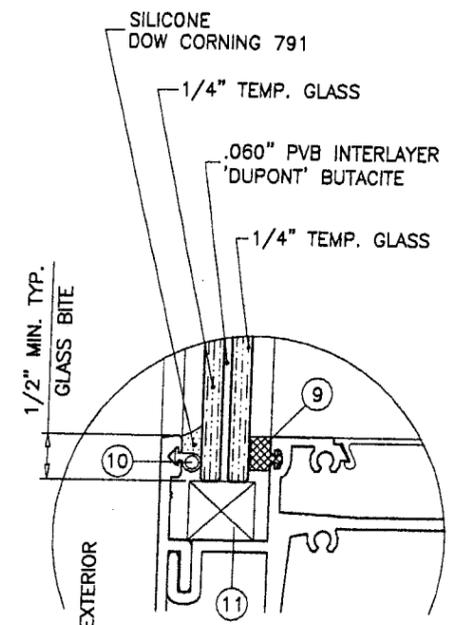
STORE W04-25RC

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.(-)
33"	60"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		140.0	140.0
51"		140.0	140.0
54"		140.0	140.0
57"		140.0	140.0
60"		134.4	140.0
63"		128.8	140.0
66"		123.9	140.0
69"		119.1	140.0
72"		114.6	140.0
33"	66"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		140.0	140.0
51"		140.0	140.0
54"		138.3	140.0
57"		130.6	140.0
60"		123.9	140.0
63"		117.6	140.0
66"		111.6	140.0
69"		107.7	140.0
72"		-	140.0
33"	72"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		140.0	140.0
51"		140.0	140.0
54"		135.4	140.0
57"		127.5	140.0
60"		120.7	140.0
63"		114.6	140.0
66"		109.0	140.0
69"		-	140.0
72"		-	140.0
33"	78"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		134.4	140.0
51"		125.4	140.0
54"		118.0	140.0
57"		111.9	140.0
60"		-	140.0

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.(-)
33"	84"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		136.3	140.0
48"		125.4	140.0
51"		116.7	140.0
54"		109.8	140.0
33"	90"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		128.5	140.0
48"		117.7	140.0
51"		109.2	140.0
54"		-	140.0
33"	96"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		136.2	140.0
45"		121.9	140.0
48"		111.0	140.0
51"		-	140.0
54"		-	140.0
33"	102"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		130.8	140.0
45"		116.4	140.0
48"		-	140.0
51"		-	140.0
54"		-	140.0
33"	108"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		126.3	140.0
45"		-	140.0
48"		-	140.0
51"		-	140.0
54"		-	140.0
33"	114"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		140.0	140.0
51"		140.0	140.0
54"		140.0	140.0
33"	120"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		140.0	140.0
51"		140.0	140.0
54"		140.0	140.0
33"	126"	140.0	140.0
36"		140.0	140.0
39"		140.0	140.0
42"		140.0	140.0
45"		140.0	140.0
48"		140.0	140.0
51"		140.0	140.0
54"		140.0	140.0



GLASS TYPE 'A'
9/16" OVERALL GLASS



GLASS TYPE 'B'
9/16" OVERALL GLASS

Approved as complying with the
Florida Building Code
Date 07/01/04
NOA# 04-0517.02
Miami Dade Product Control
Division
By *[Signature]*

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
[Signature]
MAY 13 2004

afc
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
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TEL. (305) 264-8100 FAX. (305) 262-6978
STORE W04-25RC

HP3060 ALUM. WINDOW WALL SYSTEM (S.M.I.)
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TEL. (305) 592-1515 FAX. (305) 592-2184

revisions:	no	date	by	description

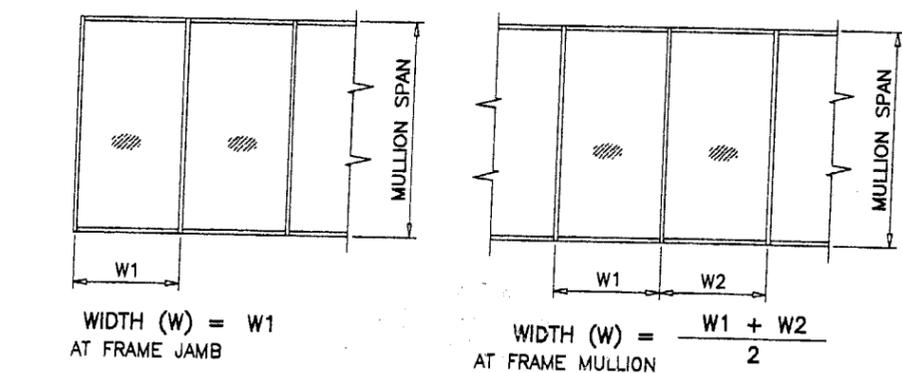
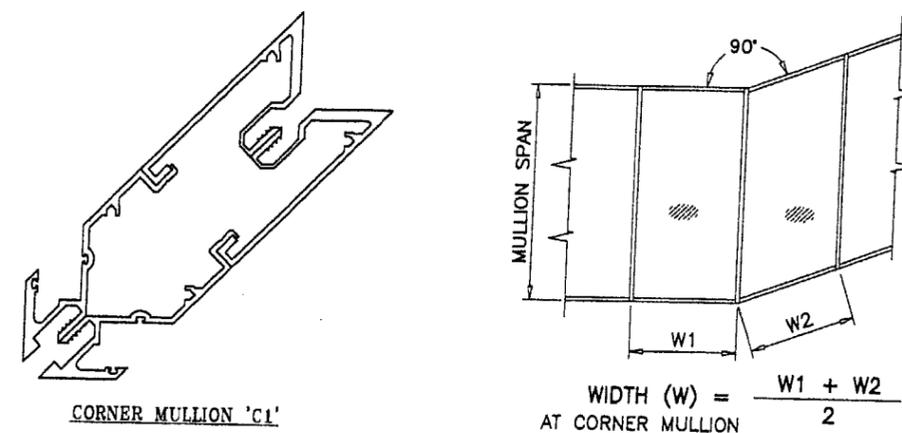
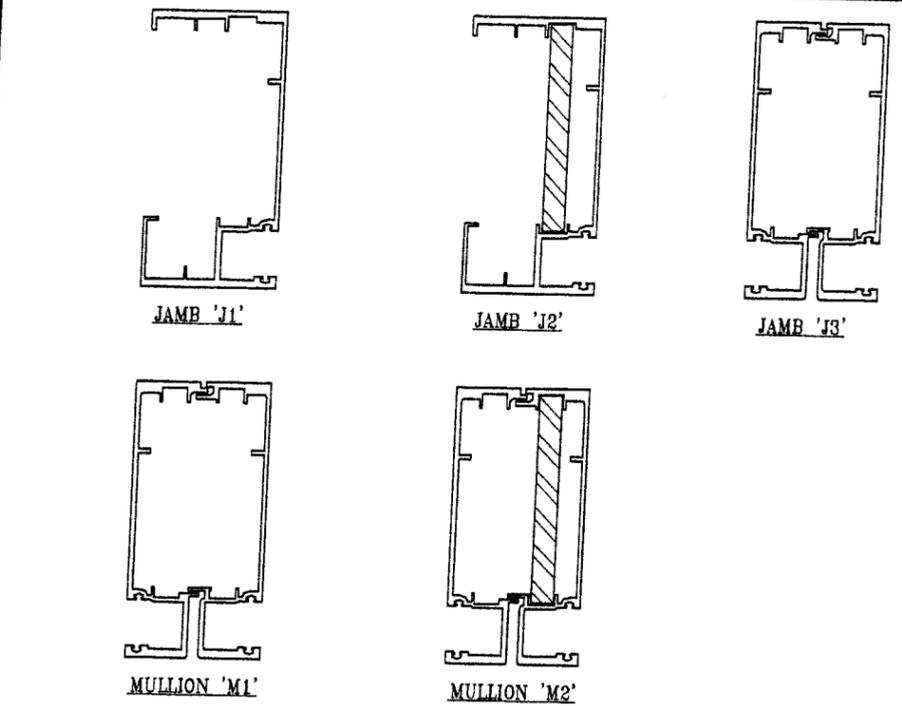
date: 03-22-04
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-25
sheet 2 of 8

MULLION/JAMB DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		JAMB 'J1' 'J2' 'J3'		MULLION 'M1' CORNER MULL 'C1'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	84"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	140.0	140.0
54"		100.0	120.0	140.0	140.0
57"		100.0	120.0	140.0	140.0
60"		100.0	120.0	140.0	140.0
63"		100.0	120.0	140.0	140.0
66"		100.0	120.0	140.0	140.0
69"		-	-	140.0	140.0
72"	-	-	140.0	140.0	
30"	90"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	140.0	140.0
54"		100.0	120.0	140.0	140.0
57"		100.0	120.0	140.0	140.0
60"		100.0	120.0	140.0	140.0
63"		100.0	120.0	140.0	140.0
66"		-	-	140.0	140.0
69"		-	-	140.0	140.0
72"	-	-	140.0	140.0	
30"	96"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	140.0	140.0
54"		100.0	120.0	140.0	140.0
57"		100.0	120.0	140.0	140.0
60"		-	-	140.0	140.0
63"		-	-	140.0	140.0
66"		-	-	140.0	140.0
69"		-	-	140.0	140.0

MULLION/JAMB DESIGN LOAD CAPACITY - PSF						
NOMINAL DIMS.		JAMB 'J1' 'J2' 'J3'		MULLION 'M1' CORNER MULL 'C1'		
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
30"	102"	100.0	120.0	140.0	140.0	
33"		100.0	120.0	140.0	140.0	
36"		100.0	120.0	140.0	140.0	
39"		100.0	120.0	140.0	140.0	
42"		100.0	120.0	140.0	140.0	
45"		100.0	120.0	140.0	140.0	
48"		100.0	120.0	140.0	140.0	
51"		100.0	120.0	140.0	140.0	
54"		100.0	120.0	140.0	140.0	
57"		-	-	140.0	140.0	
60"		-	-	140.0	140.0	
63"		-	-	140.0	140.0	
66"		-	-	140.0	140.0	
30"		108"	100.0	120.0	140.0	140.0
33"	100.0		120.0	140.0	140.0	
36"	100.0		120.0	140.0	140.0	
39"	100.0		120.0	140.0	140.0	
42"	100.0		120.0	140.0	140.0	
45"	100.0		120.0	140.0	140.0	
48"	100.0		120.0	140.0	140.0	
51"	100.0		120.0	140.0	140.0	
54"	-		-	140.0	140.0	
57"	-		-	140.0	140.0	
60"	-		-	140.0	140.0	
63"	-		-	140.0	140.0	
30"	114"		-	-	140.0	140.0
33"			-	-	140.0	140.0
36"		-	-	140.0	140.0	
39"		-	-	140.0	140.0	
42"		-	-	140.0	140.0	
45"		-	-	140.0	140.0	
48"		-	-	140.0	140.0	
51"		-	-	140.0	140.0	
54"		-	-	140.0	140.0	
57"		-	-	140.0	140.0	
60"		-	-	140.0	140.0	

MULLION/JAMB DESIGN LOAD CAPACITY-PSF				
NOMINAL DIMS.		JAMB 'J2' JAMB 'J3' MULLION 'M2'		
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	
30"	120"	90.0	90.0	
33"		90.0	90.0	
36"		90.0	90.0	
39"		90.0	90.0	
42"		90.0	90.0	
45"		90.0	90.0	
48"		90.0	90.0	
51"		90.0	90.0	
54"		90.0	90.0	
57"		90.0	90.0	
60"		90.0	90.0	
30"		126"	90.0	90.0
33"			90.0	90.0
36"			90.0	90.0
39"	90.0		90.0	
42"	90.0		90.0	
45"	90.0		90.0	
48"	90.0		90.0	
51"	90.0		90.0	
54"	90.0		90.0	
57"	90.0		90.0	
30"	132"		90.0	90.0
33"			90.0	90.0
36"			90.0	90.0
39"			90.0	90.0
42"		90.0	90.0	
45"		90.0	90.0	
48"		90.0	90.0	
51"		90.0	90.0	
54"		90.0	90.0	
30"		138"	90.0	90.0
33"			90.0	90.0
36"			90.0	90.0
39"			90.0	90.0
42"			90.0	90.0
45"	90.0		90.0	
48"	90.0		90.0	
51"	90.0		90.0	
30"	145-3/4"		90.0	90.0
33"			90.0	90.0
36"			90.0	90.0
39"			90.0	90.0
42"			90.0	90.0
45"			90.0	90.0
48"		90.0	90.0	



Approved as complying with the Florida Building Code
 Date 07/01/04
 NOA# 04-0517-02
 Miami Dade Product Control
 Division
 By *Wendy Berman*

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

 MAY 13 2004

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 STORE \W04-25RC

HP3060 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

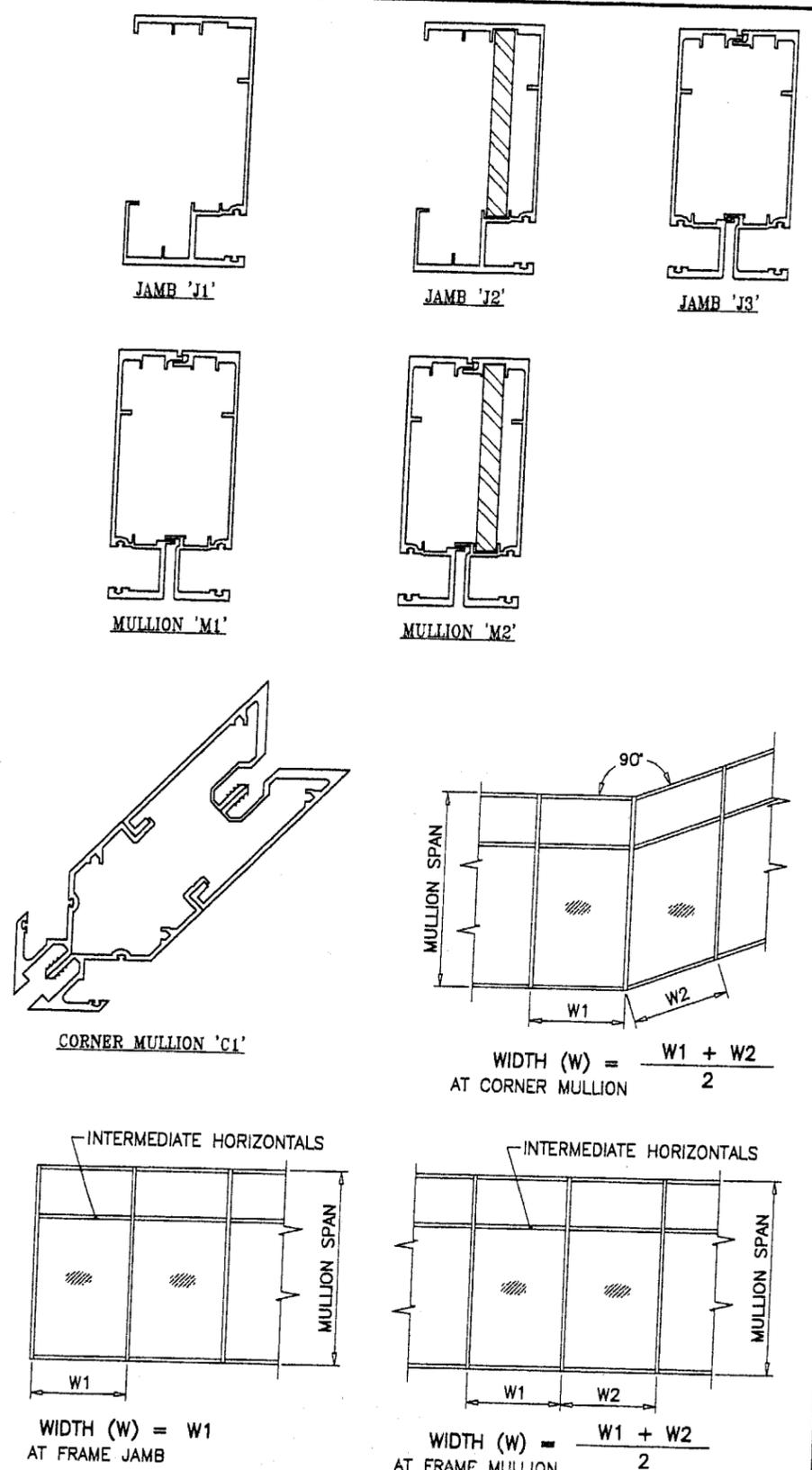
no	date	by description

date: 03-22-04
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no. **W04-25**
 sheet 3 of 8

MULLION/JAMB DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		JAMB 'J1' 'J2' 'J3'		MULLION 'M1' 'M2'	
WIDTH (W)	FRAME HEIGHT	CORNER MULL 'C1'		MULLION 'M2'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	84"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	140.0	140.0
54"		100.0	120.0	140.0	140.0
57"		100.0	120.0	140.0	140.0
60"		100.0	120.0	140.0	140.0
63"		100.0	120.0	135.6	135.6
66"	100.0	120.0	129.4	129.4	
30"	90"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	140.0	140.0
54"		100.0	120.0	140.0	140.0
57"		100.0	120.0	139.9	139.9
60"		100.0	120.0	132.9	132.9
63"		100.0	120.0	126.6	126.6
66"	-	-	120.8	120.8	
30"	96"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	140.0	140.0
54"		100.0	120.0	138.4	138.4
57"		100.0	120.0	131.1	131.1
60"		-	-	124.6	124.6
63"		-	-	118.7	118.7
66"	-	-	113.3	113.3	

MULLION/JAMB DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		MULLION 'M1'		JAMB 'J1' 'J2' 'J3'	
WIDTH (W)	FRAME HEIGHT	CORNER MULL 'C1'		MULLION 'M2'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	102"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	137.9	137.9
54"		100.0	120.0	130.3	130.3
57"		-	-	123.4	123.4
60"		-	-	117.3	117.3
63"		-	-	111.7	111.7
66"	-	-	106.6	106.6	
30"	108"	100.0	120.0	140.0	140.0
33"		100.0	120.0	140.0	140.0
36"		100.0	120.0	140.0	140.0
39"		100.0	120.0	140.0	140.0
42"		100.0	120.0	140.0	140.0
45"		100.0	120.0	140.0	140.0
48"		100.0	120.0	140.0	140.0
51"		100.0	120.0	138.4	138.4
54"		100.0	120.0	130.3	130.3
57"		-	-	123.0	123.0
60"		-	-	116.6	116.6
63"		-	-	110.7	110.7
66"	-	-	105.5	105.5	
30"	114"	-	-	140.0	140.0
33"		-	-	140.0	140.0
36"		-	-	140.0	140.0
39"		-	-	140.0	140.0
42"		-	-	140.0	140.0
45"		-	-	140.0	140.0
48"		-	-	139.9	139.9
51"		-	-	131.1	131.1
54"		-	-	123.4	123.4
57"		-	-	116.6	116.6
60"		-	-	110.4	110.4
63"		-	-	104.9	104.9

MULLION/JAMB DESIGN LOAD CAPACITY-PSF			
NOMINAL DIMS.		JAMB 'J2' 'J3'	
WIDTH (W)	FRAME HEIGHT	MULLION 'M2'	
		EXT.(+)	INT.(-)
30"	120"	90.0	90.0
33"		90.0	90.0
36"		90.0	90.0
39"		90.0	90.0
42"		90.0	90.0
45"		90.0	90.0
48"		90.0	90.0
51"		90.0	90.0
54"		90.0	90.0
57"		90.0	90.0
60"		90.0	90.0
63"		90.0	90.0
66"	90.0	90.0	
30"	126"	90.0	90.0
33"		90.0	90.0
36"		90.0	90.0
39"		90.0	90.0
42"		90.0	90.0
45"		90.0	90.0
48"		90.0	90.0
51"		90.0	90.0
54"		90.0	90.0
57"		90.0	90.0
60"		90.0	90.0
63"		90.0	90.0
66"	90.0	90.0	
30"	132"	90.0	90.0
33"		90.0	90.0
36"		90.0	90.0
39"		90.0	90.0
42"		90.0	90.0
45"		90.0	90.0
48"		90.0	90.0
51"		90.0	90.0
54"		90.0	90.0
60"		90.0	90.0
63"		90.0	90.0
66"		90.0	90.0
30"	138"	90.0	90.0
33"		90.0	90.0
36"		90.0	90.0
39"		90.0	90.0
42"		90.0	90.0
45"		90.0	90.0
48"		90.0	90.0
51"		90.0	90.0
54"		90.0	90.0
60"		90.0	90.0
63"		90.0	90.0
66"		90.0	90.0
30"	145-3/4"	90.0	90.0
33"		90.0	90.0
36"		90.0	90.0
39"		90.0	90.0
42"		90.0	90.0
45"		90.0	90.0
48"		90.0	90.0
51"		90.0	90.0



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 NOA# 04-0513-02
 Miami Dade Product Control
 Division
 By *Claydon Berman*

Engr. DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 MAY 13 2004

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 STORE W04-25RC

HP3060 ALUM. WINDOW WALL SYSTEM (S.M.I.)
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no	date	by	description

date: 03-22-04
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W04-25
 sheet 4 of 8

ALFC

AL-FAROOQ CORPORATION
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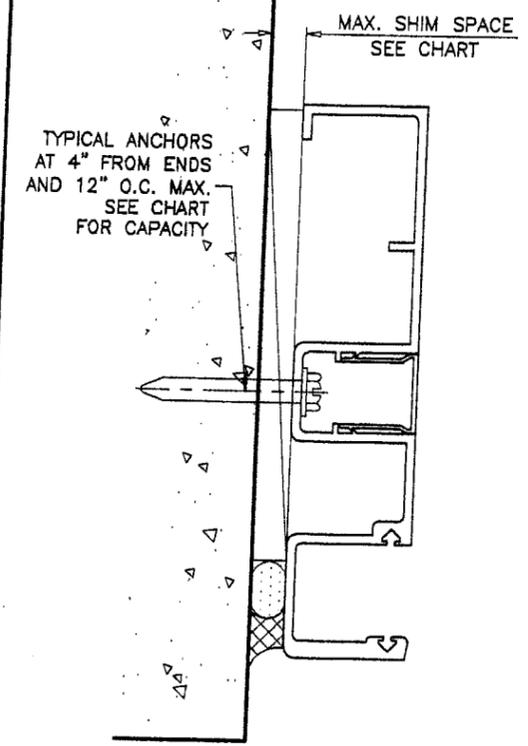
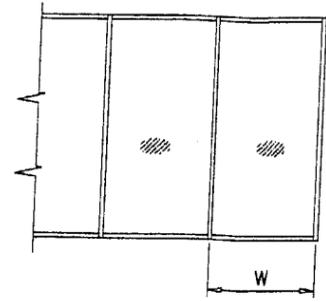
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dr. by: HAMID
chk. by:

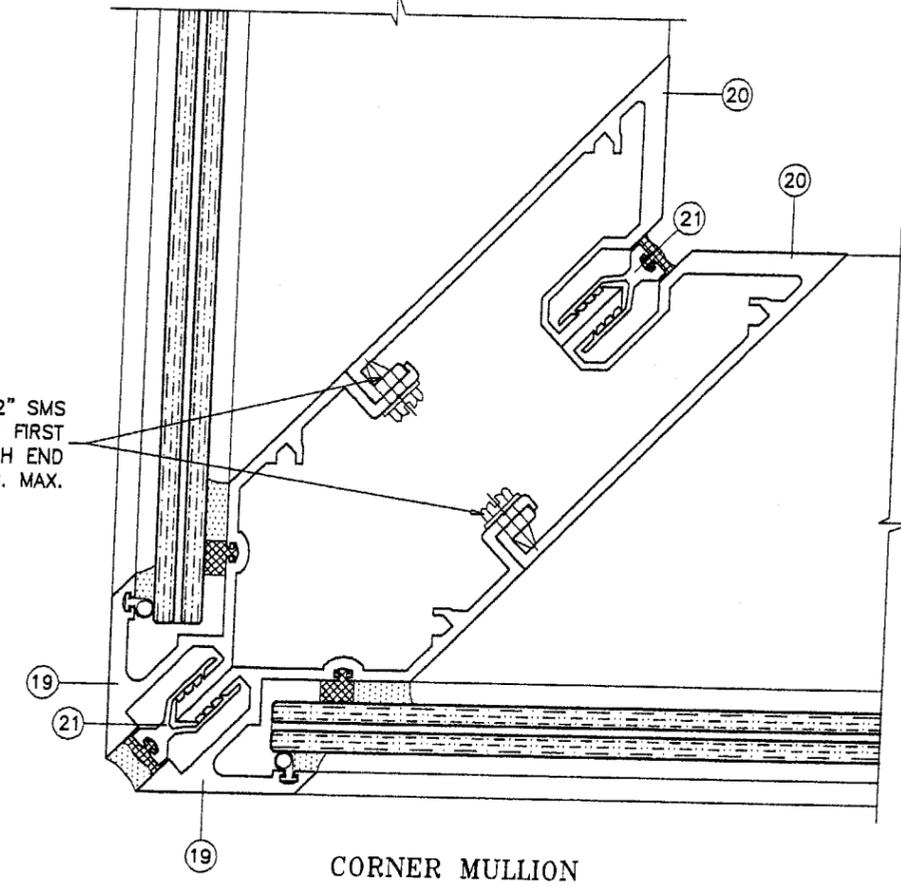
drawing no.
W04-25

sheet 6 of 8

JAMB ANCHORS DESIGN LOAD CAPACITY - PSF				
WIDTH (W)	3/8" MAX. SHIM		1/2" MAX. SHIM	
	TYPE 'A'	TYPE 'B'	TYPE 'A'	TYPE 'B'
	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
42"	140.0	140.0	140.0	140.0
48"	140.0	140.0	140.0	139.0
54"	140.0	140.0	139.0	123.0
57"	140.0	120.0	132.0	117.0
60"	140.0	136.0	125.0	111.0
63"	140.0	129.0	119.0	106.0
66"	140.0	124.0	114.0	101.0
69"	135.0	118.0	109.0	97.0
72"	130.0	113.0	105.0	93.0

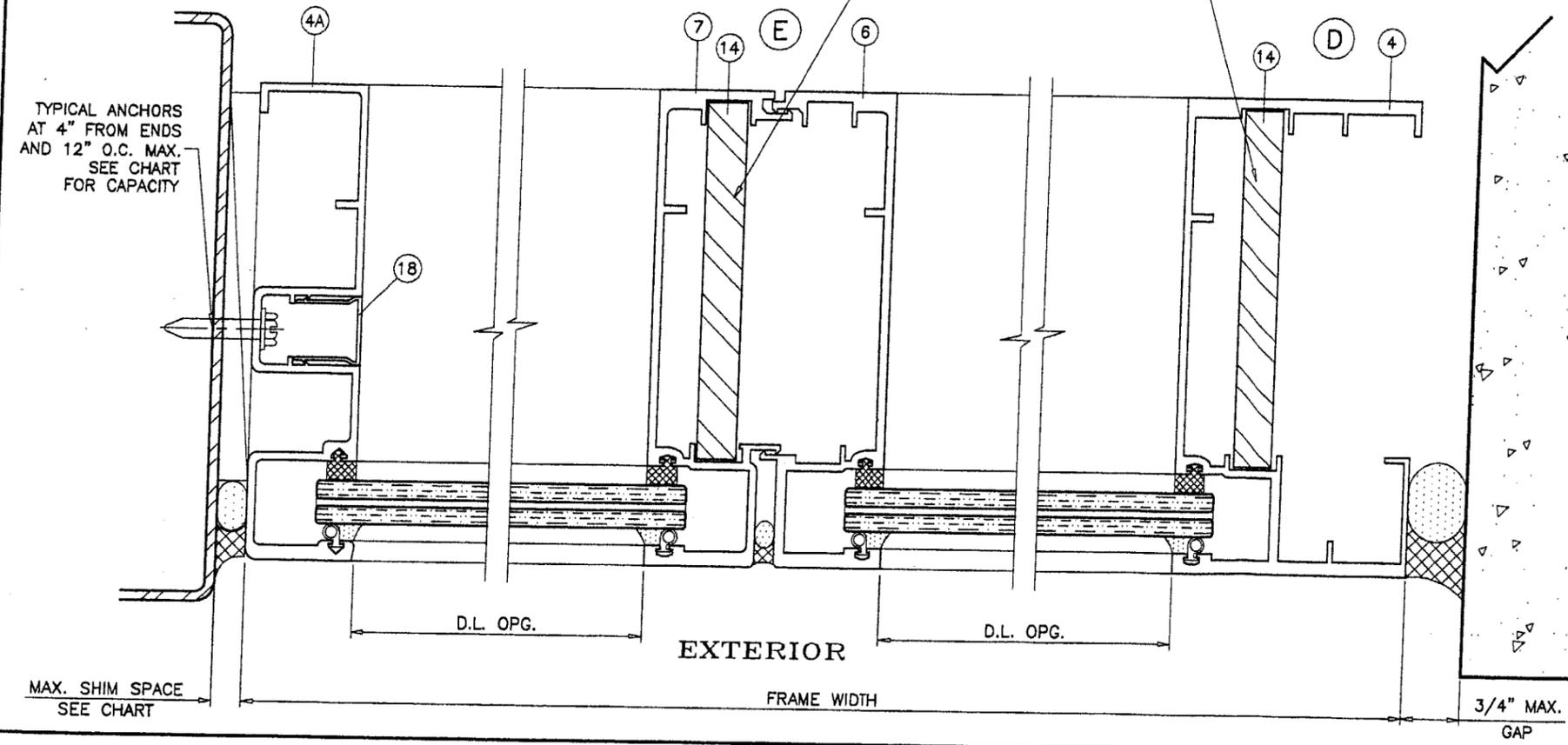


#14 X 1/2" SMS
AT 3" O.C. FOR FIRST
24" FROM EACH END
REST AT 6" O.C. MAX.



CORNER MULLION

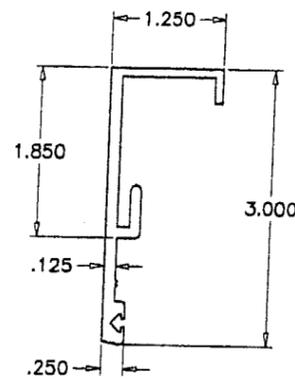
STEEL BAR
SEE SHEET 3 & 4 FOR CAPACITY
STEEL TO BE PAINTED OR PLATED
AND SET IN MULLION CAVITY WITH SILICONE
LENGTH = FRAME HEIGHT - 24 IN. TYP.



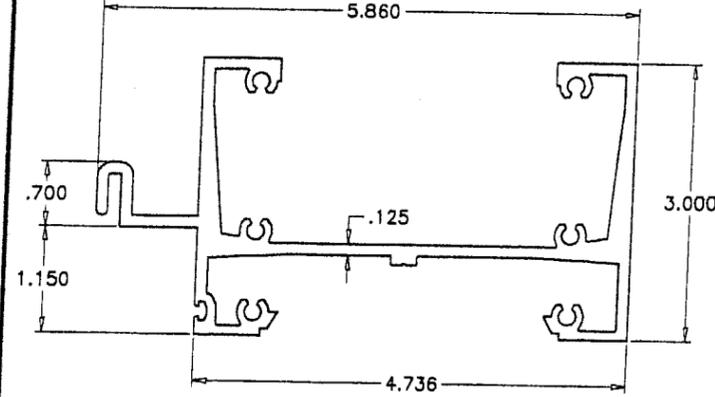
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Miami Dade Product Control
Division
By Quodno Bawa

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

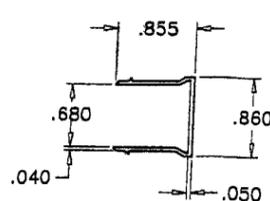
MAY 13 2004



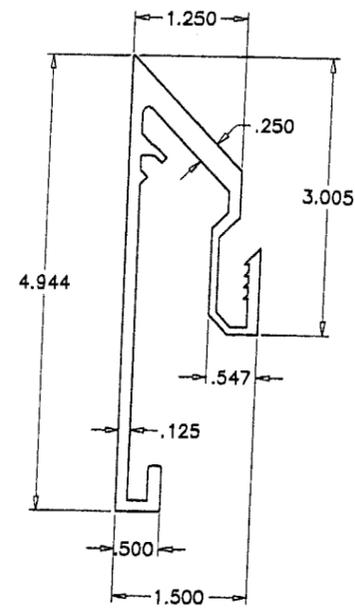
GLAZING RETAINER HEAD/SILL



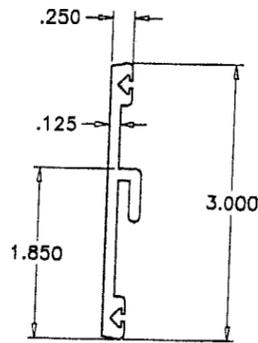
FRAME HEAD/SILL



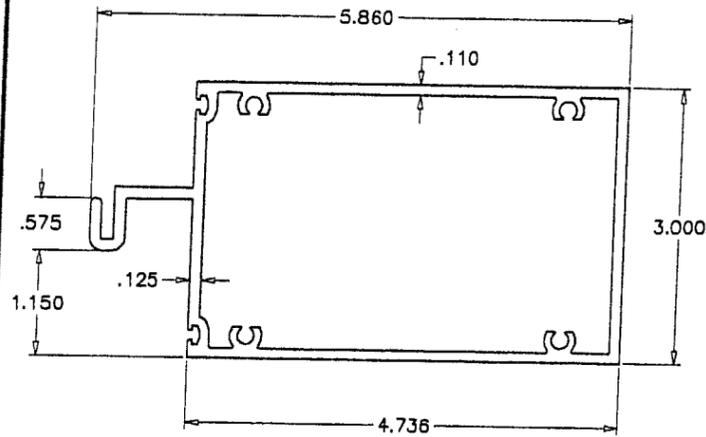
SNAP-IN COVER JAMB



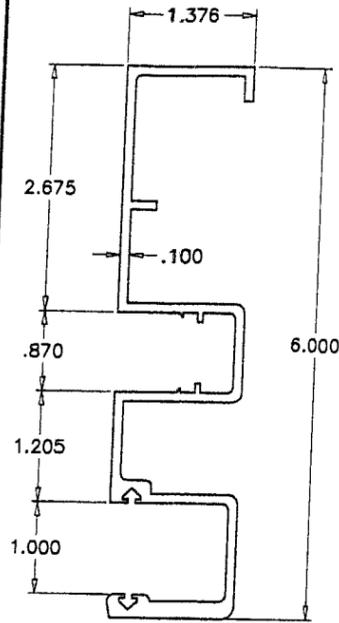
CORNER MULLION (INTERIOR)



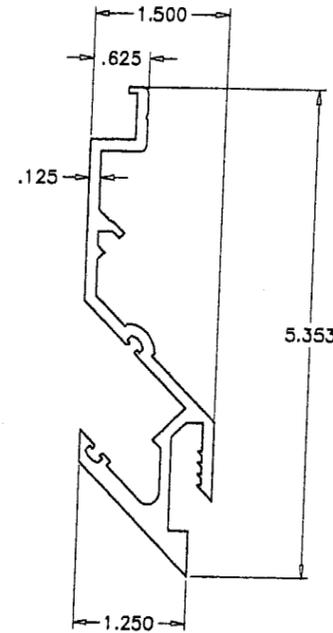
GLAZING RETAINER HORIZONTAL



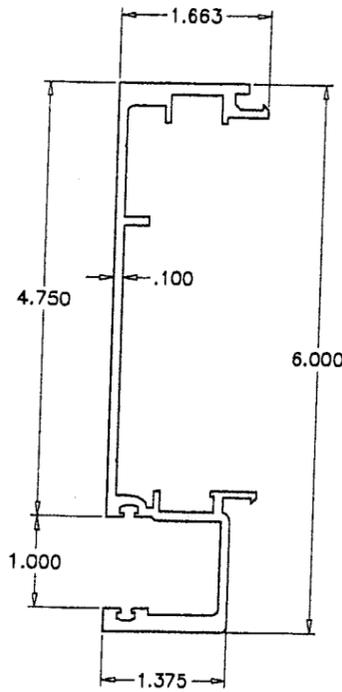
HORIZONTAL



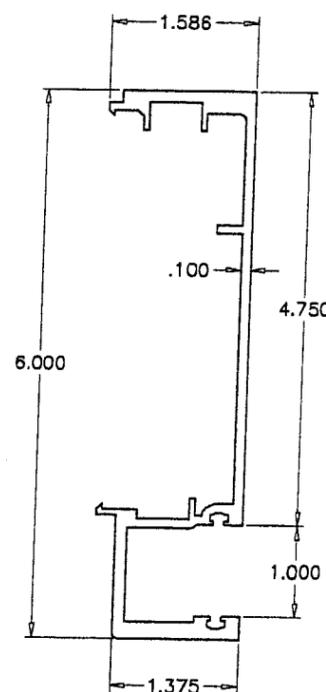
ALT. FRAME JAMB



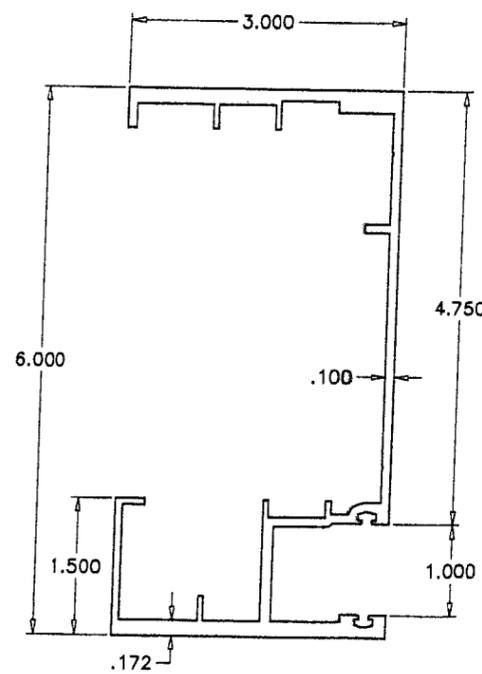
CORNER MULLION (EXTERIOR)



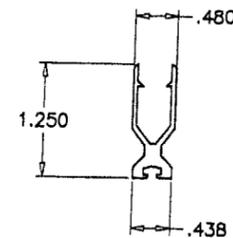
MALE MULLION



FEMALE MULLION



FRAME JAMB



CORNER MULLION LOCK

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 Miami Dade Product Control
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 By [Signature]

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16357
 C.A.N. 3538

MAY 13 2004

revisions:
 no. date by description

date: 03-22-04
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 chk. by:

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W04-25

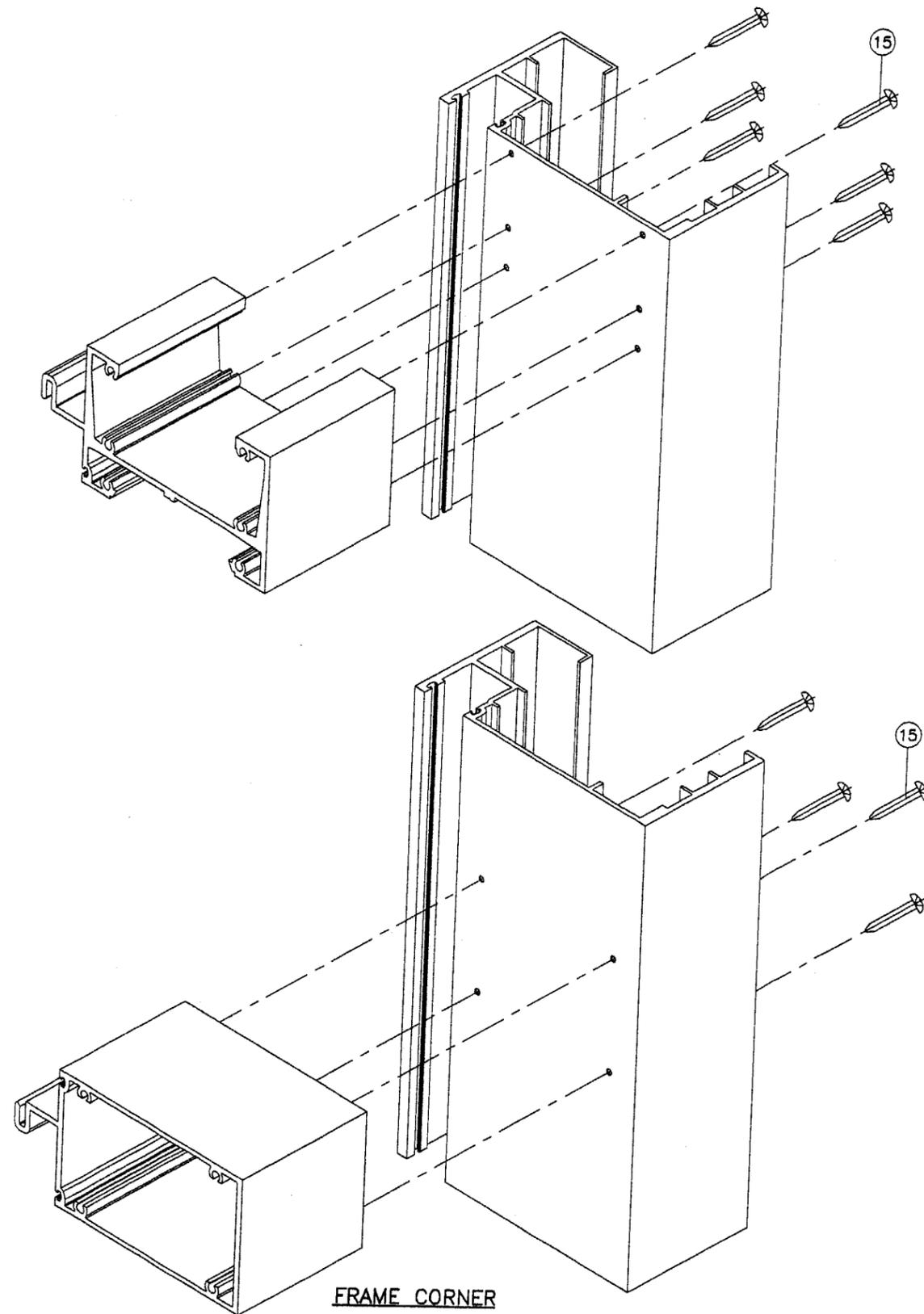
sheet 7 of 8

AL-FAROOQ CORPORATION
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afc

STORE W04-25RC



FRAME CORNER

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	HP3060-051	AS REQD.	FRAME HEAD/SILL	6005-T5	-
2	FX345-006	AS REQD.	GLAZING RETAINER (HEAD/SILL)	6063-T6	-
3	FX345-005	AS REQD.	GLAZING RETAINER (HORIZONTAL)	6063-T6	-
4	HP3060-036	AS REQD.	FRAME JAMB	6063-T6	-
4A	HP3060-022	AS REQD.	ALT. FRAME JAMB	6063-T6	-
5	HP3060-041	AS REQD.	HORIZONTAL	6063-T6	-
6	HP3060-037	AS REQD.	FEMALE MULLION	6063-T6	-
7	HP3060-038	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 5/8" X 4")	NEOPRENE	LOWE
12	-	-	SEALANT DOW CORNING 791	SILICONE	-
13	-	-	SEALANT DOW CORNING 795	SILICONE	-
14	-	AS REQD.	REINFORCING BAR (1/2" X 4-1/2")	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	245FX-011	AS REQD.	SNAP-IN COVER JAMB	6063-T5	-
19	HP3060-057	AS REQD.	CORNER MULLION (EXTERIOR)	6063-T6	-
20	HP3060-058	AS REQD.	CORNER MULLION (INTERIOR)	6063-T6	-
21	HP3060-059	AS REQD.	CORNER MULLION LOCK	6063-T6	-

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 Division
 By [Signature]

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
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STORE W04-25RC

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revisions:	no	date	by	description

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 dr. by: HAMID
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sheet 8 of 8