



**DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

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

**RC Home Showcase, Inc.
2970 NW 75th 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 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 "FX 345" Aluminum Window Wall System - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W03-103**, titled "FX-345 Alum. Window Wall System (L.M.I.)", sheets 1 through 9 of 9, dated 11/14/03 with revision L dated 11/10/15, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 NOA No. 13-1112.08 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



Handwritten signature and date: 1/6/16

**NOA No. 15-0512.26
Expiration Date: March 25, 2019
Approval Date: January 14, 2016
Page 1**

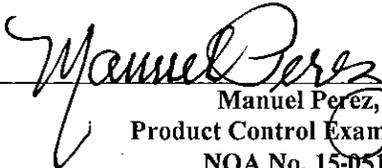
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 03-1023.02, 07-0831.05 and 10-0525.05)
2. Drawing No. **W03-103**, titled "FX-345 Alum. Window Wall System (L.M.I.)", sheets 1 through 9 of 9, dated 11/14/03, with revision **L** dated 11/10/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

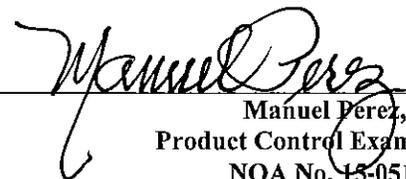
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-6098**, dated 12/11/09 and **FTL-6044**, dated 12/30/09, both signed and sealed by Michael R. Wenzel, P.E.
(Submitted under NOA No. 10-0525.05)
2. Test report on: 1) Safety Performance (Impact) per American National Standard for Safety Glazing Materials Used in Buildings, ANSI Z-97.1 (CPSC 16 CFR 1201),
along with marked-up and die drawings of aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5318**, dated 07/05/07, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA No. 07-0831.05)
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
4) Large 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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4612**, dated 05/17/05, signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 07-0831.05)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0512.26
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B. TESTS (CONTINUED)

4. 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) Large 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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3719**, dated 02/26/03, signed and sealed by Joseph C. Chan, P.E.
(Submitted under NOA No. 03-1023.02)
5. 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 an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3713**, dated 02/14/03, signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 03-1023.02)
6. Test reports on: 1) Small Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3478**, dated 07/03/02, signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 03-1023.02)
7. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-01-1188**, dated 05/22/01 and revised on 06/23/03, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 03-1023.02)
8. Test reports on: 1) Small Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-01-1018** dated 05/18/01 and **HETI-01-1038** dated 06/20/01, both signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 03-1023.02)


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B. TESTS (CONTINUED)

9. 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 an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-01-1037**, dated 06/20/01, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 03-1023.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 04/15/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Butacite® PVB Glass Interlayer**" dated 04/25/15, expiring on 12/11/16.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.
4. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.
5. Notice of Acceptance No. **12-1120.04** issued to **Viracon, Inc.** for their "**StormGuard Glass Interlayer**", dated 05/30/13, expiring on 04/14/18.


Manuel Perez, P.E.
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RC Home Showcase, Inc.

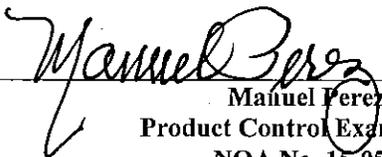
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

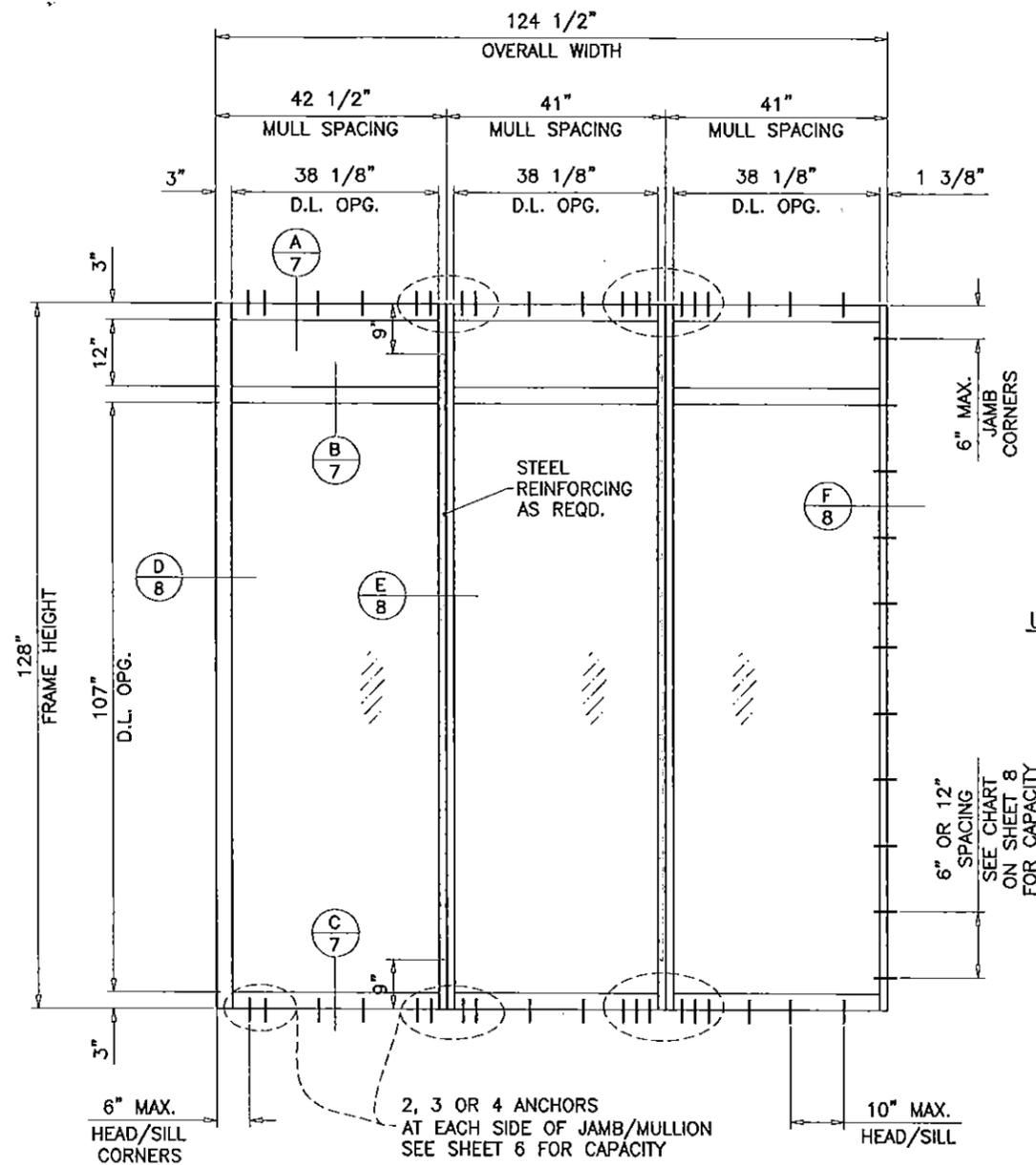
1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated April 15, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Reports No. **FTL-6098** dated 12/11/09 and **FTL-6044** dated 12/30/09, prepared by Fenestration Testing Laboratory, Inc., signed and sealed dated by Michael R. Wenzel, P.E.
(Submitted under OA No. 10-0525.05)
3. Laboratory compliance letter for Test Report No. **FTL-5318** dated 07/05/07, prepared by Fenestration Testing Laboratory, Inc., signed and sealed dated by Carlos S. Rionda, P.E.
(Submitted under NOA No. 07-0831.05)
4. Laboratory compliance letter for Test Reports No. **FTL-4612** dated 05/17/05, **FTL-3713** dated 02/14/03 and **FTL-3478** dated 07/03/02, prepared by Fenestration Testing Laboratory, Inc., signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA's No. 07-0831.05 and 03-1023.02)
5. Laboratory compliance letter for Test Report No. **FTL-3719** dated 02/26/03, prepared by Fenestration Testing Laboratory, Inc., signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 03-1023.02)
6. Laboratory compliance letter for Test Reports No. **HETI-01-1188** dated 05/22/01, **HETI-01-1037** dated 06/20/01, **HETI-01-1018** dated 05/18/01 and **HETI-01-1038**, dated 06/20/01, prepared by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 03-1023.02)

G. OTHERS

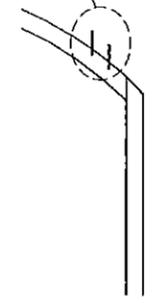
1. Notice of Acceptance No. **13-1112.08**, issued to RC Home Showcase, Inc. for their Series "**FX 345**" Aluminum Window Wall System – L.M.I.", approved on 12/26/13 and expiring on 03/25/19.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0512.26

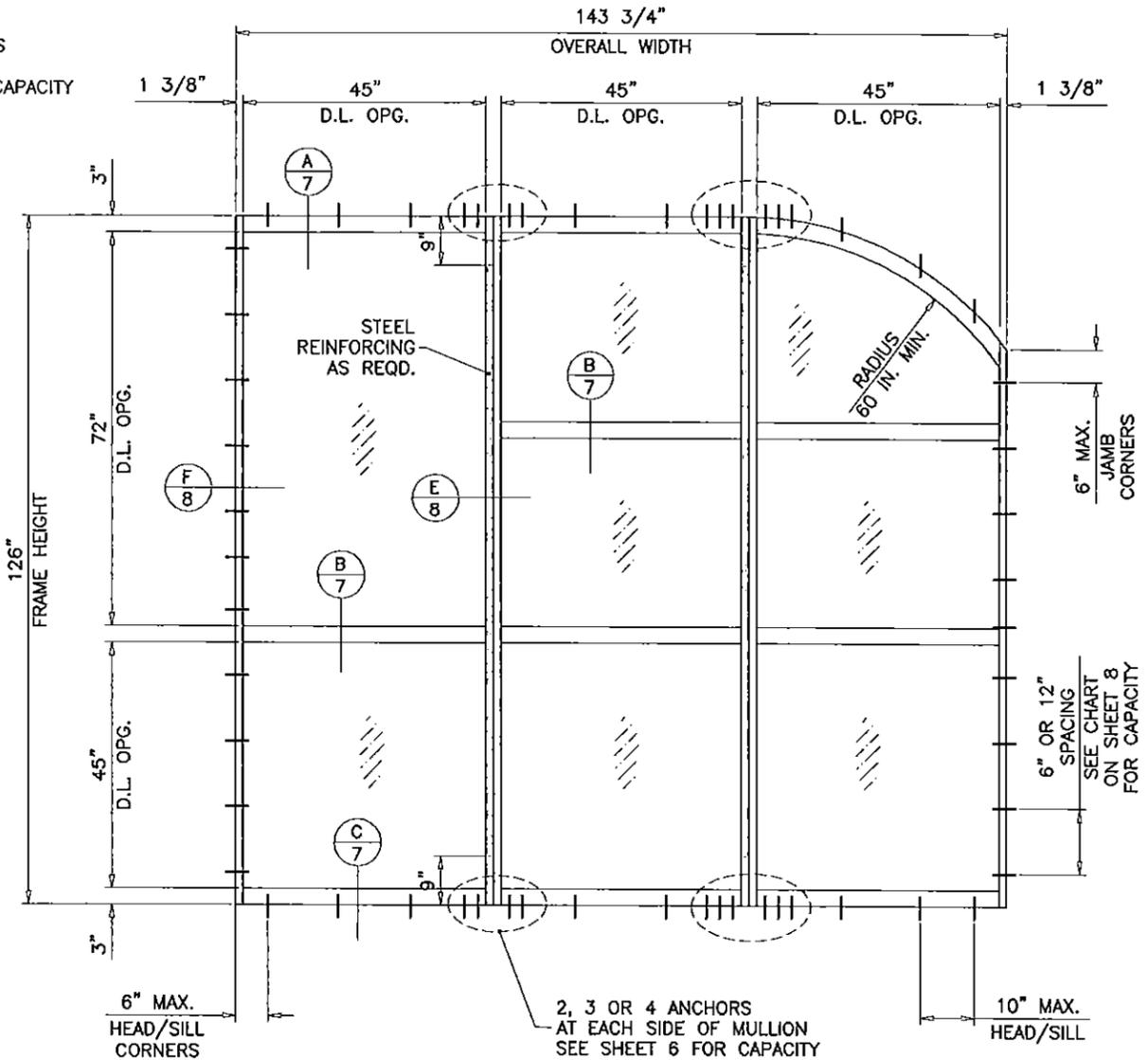
Expiration Date: March 25, 2019
Approval Date: January 14, 2016



2, 3 OR 4 ANCHORS AT JAMB SEE SHEET 6 FOR CAPACITY



UN-ANCHORED JAMB



TYPICAL ELEVATIONS TESTED UNITS

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

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.

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 SHEET 3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS.
- STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 4 & 5 THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHART ON SHEETS 6 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** FOR CAPACITY OF JAMBS WITH ANCHORS OPTION SEE CHART ON SHEET 8.
- STEP 6** THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4 AND 5 SHALL APPLY TO ENTIRE SYSTEM.

WINDOW WALL SYSTEM WITH GLASS TYPES 'A' & 'B' ONLY COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

**LAMINATED GLASS
LARGE MISSILE IMPACT**

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. # 5538

[Signature]
NOV 11 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **15-0512.26**
Expiration Date **March 25, 2019**
By *[Signature]*
Miami Dade Product Control

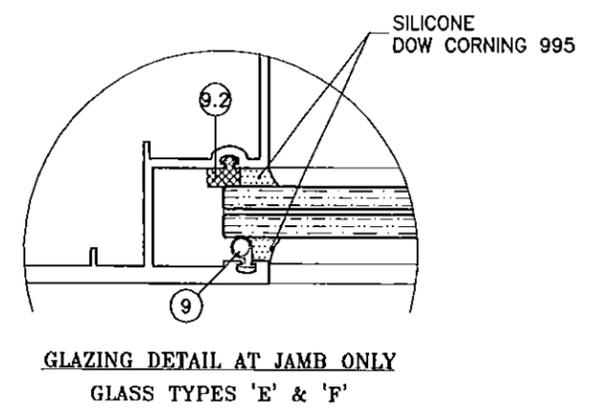
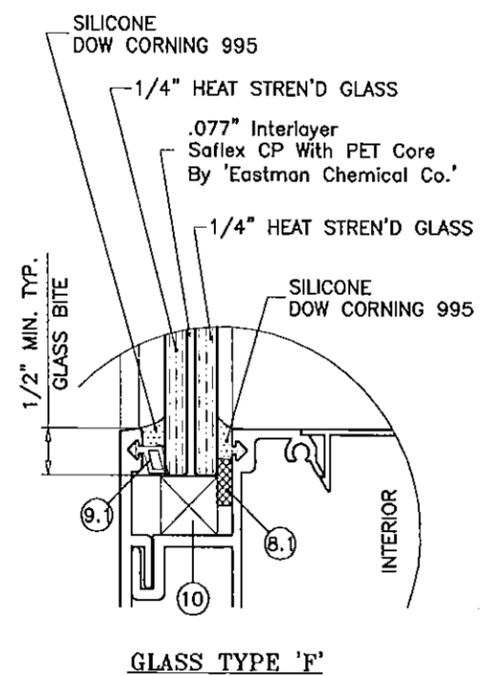
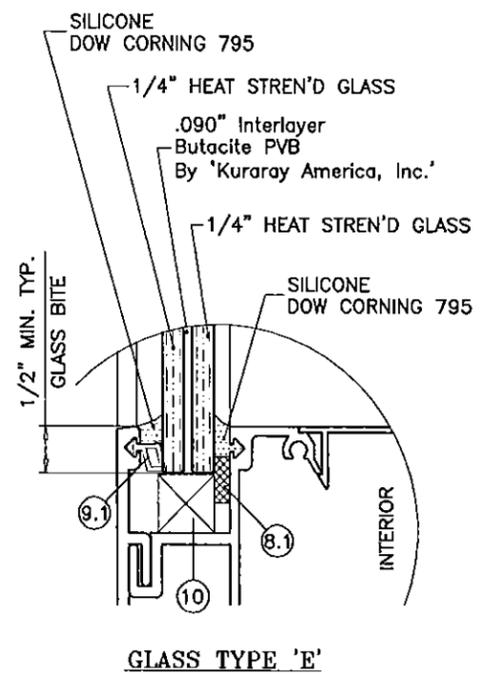
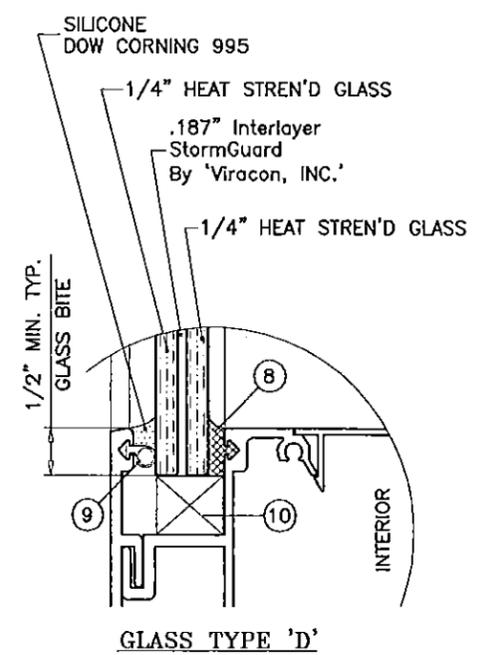
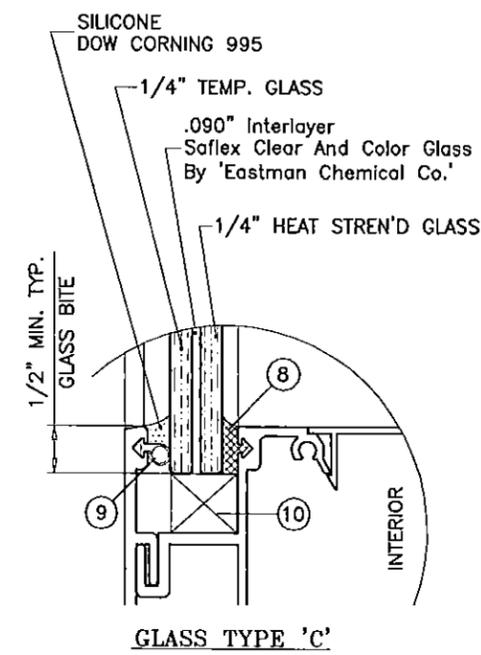
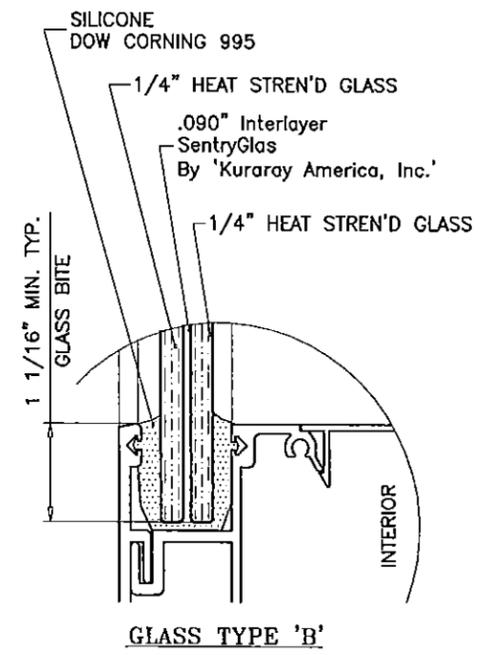
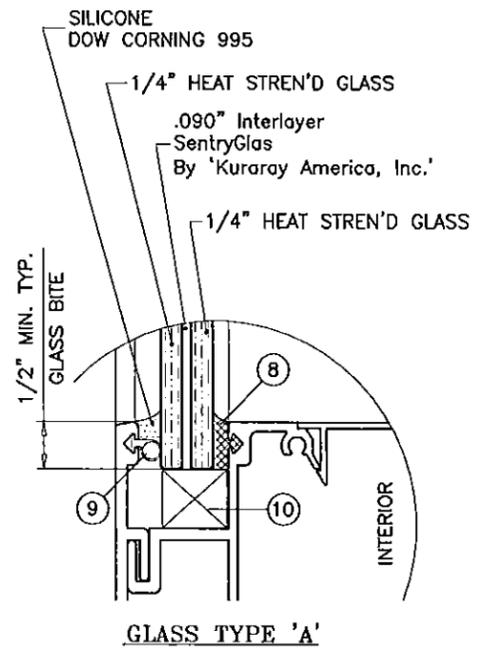
afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
STORE/W03-103RC

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)
RC HOME SHOWCASE
2970 N.W. 75TH AVENUE
MIAMI, FL. 33122
TEL (305) 392-6214 FAX (786) 464-1582

no	date	description	by
H	03.17.10	GLASS OPTIONS E & F ADDED	
I	03.20.12	UPDATED TO 2010 FBC	
J	10.10.13	MANUF. NAME REV.	
K	04.22.15	UPDATED TO 2014 FBC	
L	11.10.15	NO CHANGE THIS SHEET	

date:	11-14-03
scale:	3/8"=1'-0"
dr. by:	HAMID
chk. by:	

drawing no.
W03-103
sheet 1 of 9



GLAZING OPTIONS

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

11 20 15

PRODUCT REVISED
as complying with the Florida
Building Code 15-0512.26
Acceptance No. March 25, 2019
Expiration Date

By *Mamad*
Miami Dade Product Control

afc

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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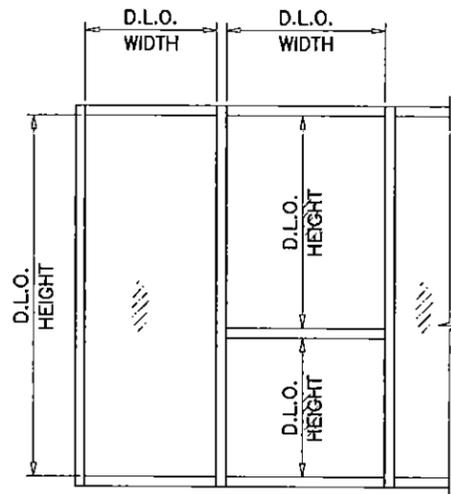
no	date	by	description
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J	10.10.13		MANUF. NAME REV.
K	04.22.15		UPDATED TO 2014 FBC
L	11.10.15		REV. PER PER COMMENTS

date: 11-14-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-103
sheet 2 of 9

GLASS DESIGN LOAD CAPACITY - PSF								
NOMINAL DIMS		GLASS TYPES						
D.L.O. WIDTH	D.L.O. HEIGHT	TYPE 'A'	TYPE 'B'	TYPE 'C'	TYPE 'D'	TYPE 'E'	TYPE 'F'	
		EXT. (+) INT. (-)	EXT. (+)	INT. (-)				
24"	60"	95.0	115.0	81.0	120.0	80.0	74.0	117.0
27"		95.0	115.0	81.0	120.0	80.0	74.0	117.0
30"		95.0	115.0	81.0	120.0	80.0	74.0	117.0
33"		-	115.0	81.0	120.0	80.0	74.0	117.0
36"		-	115.0	81.0	120.0	80.0	74.0	117.0
39"		-	115.0	81.0	120.0	80.0	74.0	117.0
42"		-	115.0	81.0	120.0	80.0	74.0	117.0
45"		-	115.0	81.0	120.0	80.0	74.0	117.0
48"		-	115.0	81.0	120.0	80.0	74.0	117.0
51"		-	115.0	81.0	120.0	80.0	74.0	117.0
54"		-	115.0	81.0	120.0	80.0	-	-
57"		-	115.0	-	120.0	80.0	-	-
60"		-	115.0	-	120.0	80.0	-	-
63"	-	115.0	-	120.0	80.0	-	-	
66"	-	115.0	-	120.0	80.0	-	-	
69"	-	-	-	120.0	-	-	-	
24"	66"	95.0	115.0	81.0	120.0	80.0	74.0	117.0
27"		95.0	115.0	81.0	120.0	80.0	74.0	117.0
30"		-	115.0	81.0	120.0	80.0	74.0	117.0
33"		-	115.0	81.0	120.0	80.0	74.0	117.0
36"		-	115.0	81.0	120.0	80.0	74.0	117.0
39"		-	115.0	81.0	120.0	80.0	74.0	117.0
42"		-	115.0	81.0	120.0	80.0	74.0	117.0
45"		-	115.0	81.0	120.0	80.0	74.0	117.0
48"		-	115.0	81.0	120.0	80.0	-	-
51"		-	115.0	-	120.0	80.0	-	-
54"		-	115.0	-	120.0	80.0	-	-
57"		-	115.0	-	120.0	80.0	-	-
60"		-	115.0	-	120.0	80.0	-	-
63"	-	-	-	120.0	-	-	-	
24"	72"	95.0	115.0	81.0	120.0	80.0	74.0	117.0
27"		-	115.0	81.0	120.0	80.0	74.0	117.0
30"		-	115.0	81.0	120.0	80.0	74.0	117.0
33"		-	115.0	81.0	120.0	80.0	74.0	117.0
36"		-	115.0	81.0	120.0	80.0	74.0	117.0
39"		-	115.0	81.0	120.0	80.0	74.0	117.0
42"		-	115.0	81.0	120.0	80.0	74.0	117.0
45"		-	115.0	81.0	120.0	80.0	-	-
48"		-	115.0	-	120.0	80.0	-	-
51"		-	115.0	-	120.0	80.0	-	-
54"		-	115.0	-	120.0	80.0	-	-
57"		-	-	-	120.0	80.0	-	-
24"		78"	-	115.0	81.0	120.0	80.0	74.0
27"	-		115.0	81.0	120.0	80.0	74.0	117.0
30"	-		115.0	81.0	120.0	80.0	74.0	117.0
33"	-		115.0	81.0	120.0	80.0	74.0	117.0
36"	-		115.0	81.0	120.0	80.0	74.0	117.0
39"	-		115.0	81.0	120.0	80.0	74.0	117.0
42"	-		115.0	-	120.0	80.0	-	-
45"	-		115.0	-	120.0	80.0	-	-
48"	-		115.0	-	120.0	80.0	-	-
51"	-		115.0	-	120.0	80.0	-	-
54"	-		-	-	120.0	-	-	-

GLASS DESIGN LOAD CAPACITY - PSF										
NOMINAL DIMS		GLASS TYPES								
D.L.O. WIDTH	D.L.O. HEIGHT	TYPE 'A'	TYPE 'B'	TYPE 'C'	TYPE 'D'	TYPE 'E'	TYPE 'F'			
		EXT. (+) INT. (-)	EXT. (+)	INT. (-)						
24"	84"	-	115.0	81.0	120.0	80.0	74.0	117.0		
27"		-	115.0	81.0	120.0	80.0	74.0	117.0		
30"		-	115.0	81.0	120.0	80.0	74.0	117.0		
33"		-	115.0	81.0	120.0	80.0	74.0	117.0		
36"		-	115.0	81.0	120.0	80.0	74.0	117.0		
39"		-	115.0	-	120.0	80.0	-	-		
42"		-	115.0	-	120.0	80.0	-	-		
45"		-	115.0	-	120.0	80.0	-	-		
48"		-	115.0	-	120.0	80.0	-	-		
24"		90"	-	115.0	81.0	120.0	80.0	74.0	117.0	
27"			-	115.0	81.0	120.0	80.0	74.0	117.0	
30"			-	115.0	81.0	120.0	80.0	74.0	117.0	
33"			-	115.0	81.0	120.0	80.0	74.0	117.0	
36"	-		115.0	81.0	120.0	80.0	-	-		
39"	-		115.0	-	120.0	80.0	-	-		
42"	-		115.0	-	120.0	80.0	-	-		
45"	-		115.0	-	120.0	80.0	-	-		
24"	96"		-	115.0	81.0	120.0	80.0	74.0	117.0	
27"			-	115.0	81.0	120.0	80.0	74.0	117.0	
30"			-	115.0	81.0	120.0	80.0	74.0	117.0	
33"			-	115.0	81.0	120.0	80.0	-	-	
36"			-	115.0	-	120.0	80.0	-	-	
39"		-	115.0	-	120.0	80.0	-	-		
42"		-	115.0	-	120.0	80.0	-	-		
24"		102"	-	115.0	81.0	120.0	80.0	74.0	117.0	
27"			-	115.0	81.0	120.0	80.0	74.0	117.0	
30"			-	115.0	81.0	120.0	80.0	74.0	117.0	
33"			-	115.0	-	120.0	80.0	-	-	
36"			-	115.0	-	120.0	80.0	-	-	
39"			-	115.0	-	120.0	80.0	-	-	
24"	108"		-	115.0	81.0	120.0	80.0	74.0	117.0	
27"			-	115.0	81.0	120.0	80.0	74.0	117.0	
30"			-	115.0	81.0	120.0	80.0	-	-	
33"			-	115.0	-	120.0	80.0	-	-	
36"			-	115.0	-	120.0	80.0	-	-	
39"			-	-	-	120.0	-	-	-	
24"			114"	-	115.0	81.0	120.0	80.0	74.0	117.0
27"		-		115.0	81.0	120.0	80.0	74.0	117.0	
30"		-		115.0	-	120.0	80.0	-	-	
33"		-		115.0	-	120.0	80.0	-	-	
36"		-		-	-	120.0	80.0	-	-	
24"		120"		-	115.0	81.0	120.0	80.0	74.0	117.0
27"				-	115.0	81.0	120.0	80.0	-	-
30"	-			115.0	-	120.0	80.0	-	-	
33"	-			115.0	-	120.0	80.0	-	-	



SEE SHEET 2 FOR GLAZING DETAILS.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

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

[Signature]
MAY 11 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512.26
Expiration Date March 25, 2019

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/WO3-103RC

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)
RC HOME SHOWCASE
2970 N.W. 75TH AVENUE
MIAMI, FL. 33122
TEL. (305) 392-6214 FAX. (786) 464-1582

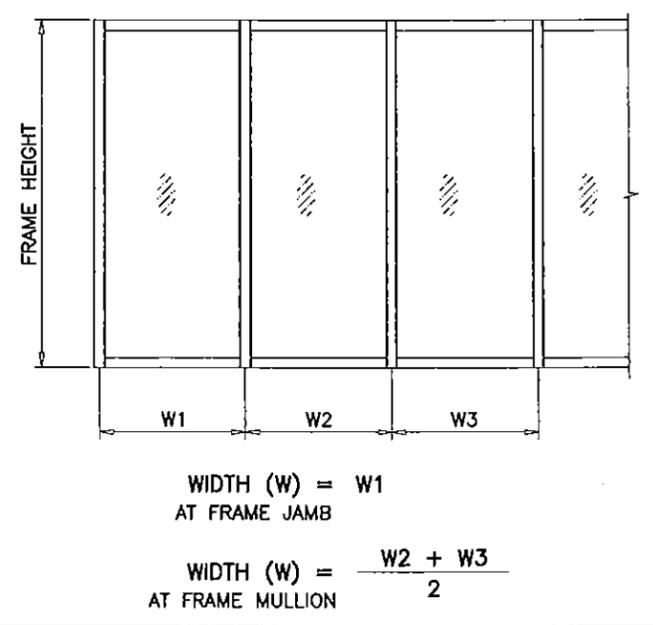
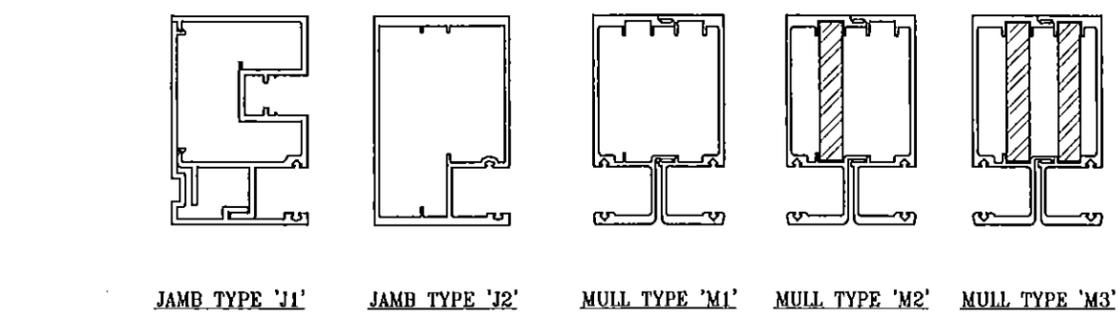
no	date	description
H	03.17.10	GLASS OPTIONS E & F ADDED
I	03.20.12	NO CHANGE THIS SHEET
J	10.10.13	MANUF. NAME REV.
K	04.22.15	NO CHANGE THIS SHEET
L	11.10.15	NO CHANGE THIS SHEET

date: 11-14-03
scale: -
dr. by: HAMID
chk. by:

drawing no.
W03-103
sheet 3 of 9

JAMB & MULLION DESIGN LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS							
NOMINAL DIMS.		JAMB TYPE 'J1'	JAMB TYPE 'J2'	MULL TYPE 'M1'	MULL TYPE 'M2'	MULL TYPE 'M3'	
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+)	INT.(-)
30"	60"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	120.0	120.0	120.0	120.0
30"	66"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	120.0	120.0	120.0	120.0
30"	72"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	120.0	120.0	120.0	120.0
30"	78"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	-	-	63.0	81.0
30"	84"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	116.2	116.2	116.2	116.2
66"		120.0	100.0	110.4	110.4	110.4	110.4
72"		120.0	100.0	-	-	-	-
30"	90"	115.0	100.0	80.0	115.0	115.0	115.0
36"		115.0	100.0	80.0	115.0	115.0	115.0
42"		115.0	100.0	80.0	115.0	115.0	115.0
48"		115.0	100.0	80.0	115.0	115.0	115.0
54"		75.0	100.0	-	-	63.0	81.0
60"		-	100.0	-	-	63.0	81.0
66"		-	-	-	-	63.0	81.0
72"		-	-	-	-	63.0	81.0
30"	96"	115.0	100.0	80.0	115.0	115.0	115.0
36"		115.0	100.0	80.0	115.0	115.0	115.0
42"		115.0	100.0	80.0	115.0	115.0	115.0
48"		75.0	100.0	80.0	-	63.0	81.0
54"		75.0	100.0	-	-	63.0	81.0
60"		-	100.0	-	-	63.0	81.0
66"		-	-	-	-	63.0	81.0
72"		-	-	-	-	63.0	81.0

JAMB & MULLION DESIGN LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS							
NOMINAL DIMS.		JAMB TYPE 'J1'	JAMB TYPE 'J2'	MULL TYPE 'M1'	MULL TYPE 'M2'	MULL TYPE 'M3'	
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+)	INT.(-)
30"	102"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		115.0	100.0	-	75.0	63.0	81.0
48"		75.0	100.0	-	75.0	63.0	81.0
54"		-	100.0	-	-	63.0	81.0
30"	108"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		115.0	100.0	-	75.0	63.0	81.0
48"		75.0	100.0	-	75.0	63.0	81.0
30"	114"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		75.0	100.0	-	75.0	63.0	81.0
48"		-	100.0	-	-	63.0	81.0
30"	120"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		75.0	100.0	-	75.0	63.0	81.0
30"	126"	115.0	-	-	75.0	63.0	81.0
36"		100.4	-	-	75.0	63.0	81.0
42"		-	-	-	-	63.0	81.0
48"		-	-	-	-	63.0	81.0



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

NOV 12 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512-26
Expiration Date March 25, 2019

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

STORE/WO3-103RC

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)

RC HOME SHOWCASE
2970 N.W. 75TH AVENUE
MIAMI, FL. 33122
TEL. (305) 392-6214 FAX. (786) 464-1582

no	date	by	description
H	03.17.10		SIZES ADDED
I	03.20.12		NO CHANGE THIS SHEET
J	10.10.13		MANUF. NAME REV.
K	04.22.15		NO CHANGE THIS SHEET
L	11.10.15		NO CHANGE THIS SHEET

date: 11-14-03

scale: -

dr. by: HAMID

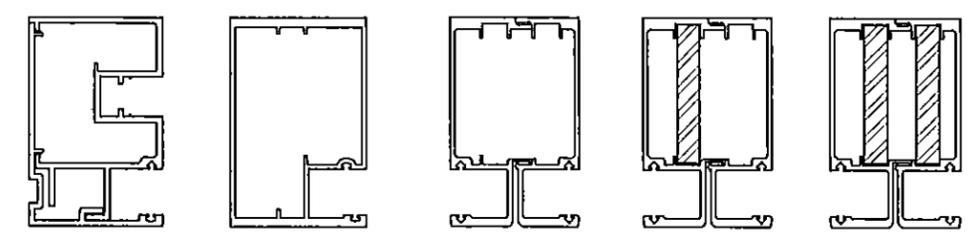
chk. by:

drawing no.
WO3-103

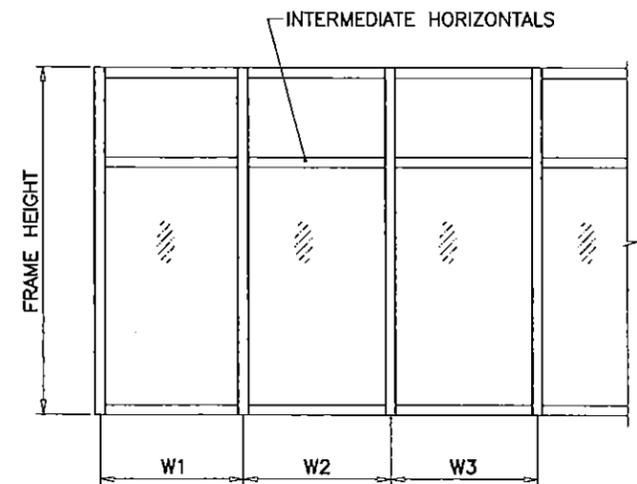
sheet 4 of 9

JAMB & MULLION DESIGN LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS							
NOMINAL DIMS.		JAMB TYPE 'J1'	JAMB TYPE 'J2'	MULL TYPE 'M1'	MULL TYPE 'M2'	MULL TYPE 'M3'	
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+)	INT.(-)
30"	60"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	120.0	120.0	120.0	120.0
30"	66"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	120.0	120.0	120.0	120.0
30"	72"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	120.0	120.0	120.0	120.0
66"		120.0	100.0	120.0	120.0	120.0	120.0
72"		120.0	100.0	112.0	112.0	112.0	112.0
30"	78"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	120.0	120.0	120.0	120.0
60"		120.0	100.0	113.8	120.0	120.0	120.0
66"		120.0	100.0	103.5	110.2	110.2	110.2
72"		120.0	100.0	-	-	63.0	81.0
30"	84"	120.0	100.0	120.0	120.0	120.0	120.0
36"		120.0	100.0	120.0	120.0	120.0	120.0
42"		120.0	100.0	120.0	120.0	120.0	120.0
48"		120.0	100.0	120.0	120.0	120.0	120.0
54"		120.0	100.0	109.1	115.0	115.0	115.0
60"		120.0	100.0	98.2	98.2	98.2	98.2
66"		120.0	100.0	89.2	89.2	89.2	89.2
72"		120.0	100.0	-	-	-	-
30"	90"	115.0	100.0	80.0	115.0	115.0	115.0
36"		115.0	100.0	80.0	115.0	115.0	115.0
42"		115.0	100.0	80.0	115.0	115.0	115.0
48"		115.0	100.0	80.0	115.0	115.0	115.0
54"		75.0	100.0	-	-	63.0	81.0
60"		-	100.0	-	-	63.0	81.0
66"		-	-	-	-	63.0	81.0
72"		-	-	-	-	63.0	81.0
30"	96"	115.0	100.0	80.0	115.0	115.0	115.0
36"		115.0	100.0	80.0	115.0	115.0	115.0
42"		115.0	100.0	80.0	115.0	115.0	115.0
48"		75.0	100.0	80.0	-	63.0	81.0
54"		75.0	100.0	-	-	63.0	81.0
60"		-	100.0	-	-	63.0	81.0
66"		-	-	-	-	63.0	81.0
72"		-	-	-	-	63.0	81.0

JAMB & MULLION DESIGN LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS							
NOMINAL DIMS.		JAMB TYPE 'J1'	JAMB TYPE 'J2'	MULL TYPE 'M1'	MULL TYPE 'M2'	MULL TYPE 'M3'	
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+) & INT.(-)	EXT.(+)	INT.(-)
30"	102"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		115.0	100.0	-	75.0	63.0	81.0
48"		75.0	100.0	-	75.0	63.0	81.0
54"		-	100.0	-	-	63.0	81.0
30"	108"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		115.0	100.0	-	75.0	63.0	81.0
48"		75.0	100.0	-	75.0	63.0	81.0
54"		-	-	-	-	63.0	81.0
30"	114"	115.0	100.0	-	75.0	63.0	81.0
36"		115.0	100.0	-	75.0	63.0	81.0
42"		75.0	100.0	-	75.0	63.0	81.0
48"		-	100.0	-	-	63.0	81.0
54"		-	-	-	-	63.0	81.0
30"	120"	115.0	100.0	-	75.0	63.0	81.0
36"		112.8	100.0	-	75.0	63.0	81.0
42"		75.0	100.0	-	75.0	63.0	81.0
48"		-	98.2	-	-	63.0	81.0
30"	126"	115.0	-	-	75.0	63.0	81.0
36"		97.4	-	-	75.0	63.0	81.0
42"		-	-	-	-	63.0	81.0
48"		-	-	-	-	63.0	81.0



JAMB TYPE 'J1' JAMB TYPE 'J2' MULL TYPE 'M1' MULL TYPE 'M2' MULL TYPE 'M3'



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638

[Signature]
V 10/2015

PRODUCT REVISED
is complying with the Florida
Building Code 15-0512.26
Acceptance No. March 25, 2019
Expiration Date

By *[Signature]*
Miami Dade Product Control

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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STORE \W03-103RC

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)
RC HOME SHOWCASE
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no	date	by	description
H	03.17.10		SIZES ADDED
I	03.20.12		NO CHANGE THIS SHEET
J	10.10.13		MANUF. NAME REV.
K	04.22.15		NO CHANGE THIS SHEET
L	11.10.15		NO CHANGE THIS SHEET

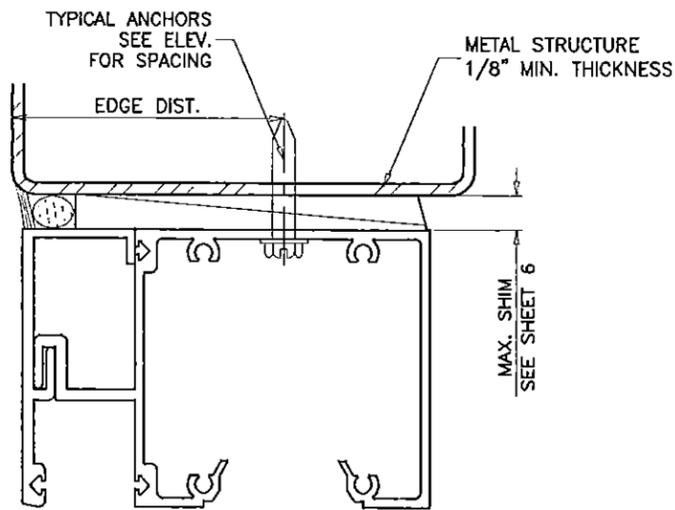
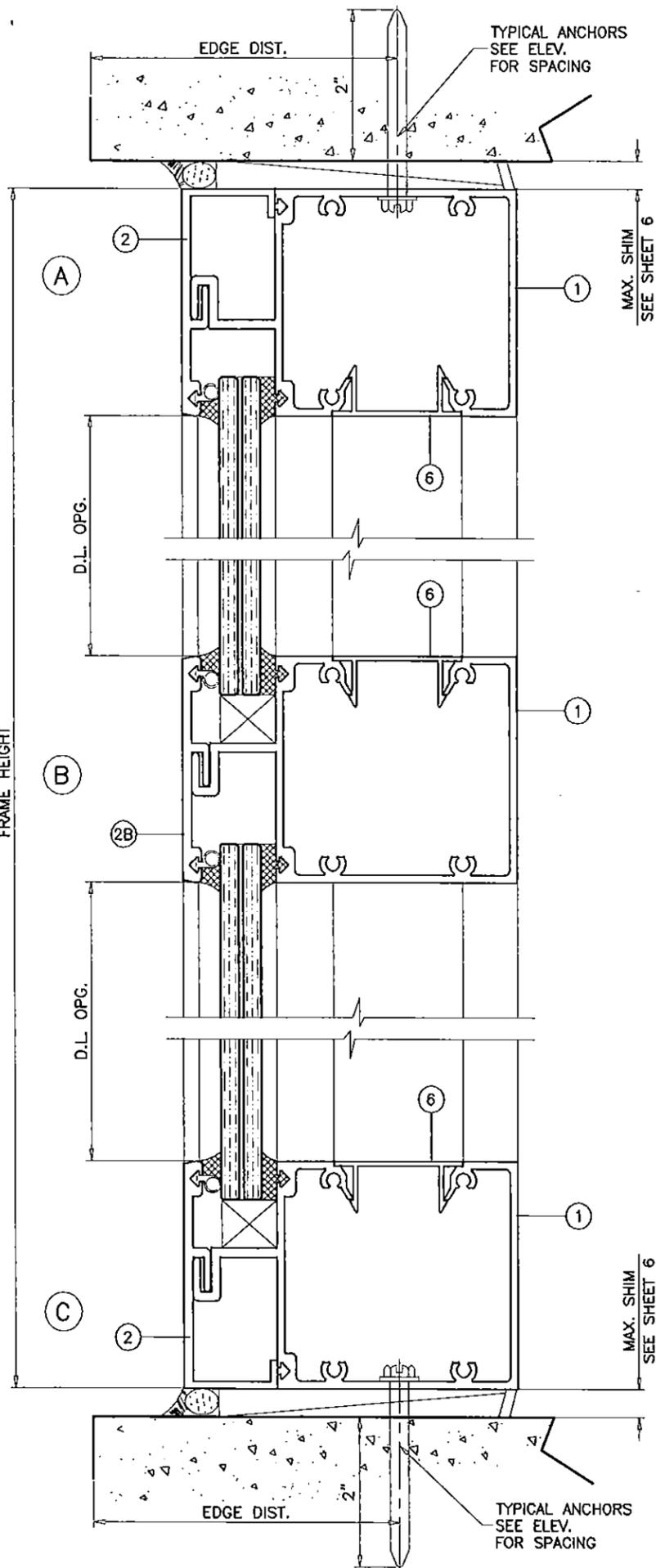
date: 11-14-03
scale: -
dr. by: HAMID
chk. by:

drawing no.
W03-103
sheet 5 of 9

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)																	
NOMINAL DIMS.		ANCHORS TYPE 'A'						ANCHORS TYPE 'B'									
		1/4" SHIM		3/8" MAX. SHIM		1/2" MAX. SHIM		1/4" SHIM		3/8" MAX. SHIM		1/2" MAX. SHIM					
WIDTH (W)	FRAME HEIGHT	A2	A3	A2	A3	A4	A2	A3	A4	B2	B3	B2	B3	B4	B2	B3	B4
30"	60"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	111.8	120.0	120.0
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	103.2	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	97.8	120.0	120.0
54"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	94.8	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	119.2	120.0	120.0	93.9	120.0	120.0
66"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	119.2	120.0	120.0	93.9	120.0	120.0
72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	119.2	120.0	120.0	93.9	120.0	120.0	
30"	66"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	110.5	120.0	120.0	
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	97.8	120.0	120.0	
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	113.6	120.0	120.0	89.4	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	106.5	120.0	120.0	83.8	120.0	120.0
54"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	101.9	120.0	120.0	80.2	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	99.4	120.0	120.0	78.2	117.4	120.0
66"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	98.5	120.0	120.0	77.6	116.4	120.0
72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	98.5	120.0	120.0	77.6	116.4	120.0	
30"	72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	98.8	120.0	120.0	
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	110.4	120.0	120.0	86.9	120.0	120.0
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	100.2	120.0	120.0	78.9	118.3	120.0
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	93.2	120.0	120.0	73.4	110.0	120.0
54"		120.0	120.0	119.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	88.3	120.0	120.0	69.5	104.3	120.0
60"		120.0	120.0	115.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	85.2	120.0	120.0	67.1	100.6	120.0
66"		120.0	120.0	112.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	83.4	120.0	120.0	65.7	98.5	120.0
72"	120.0	120.0	112.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	82.8	120.0	120.0	65.2	97.8	120.0	
30"	78"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	113.6	120.0	120.0	89.4	120.0	120.0	
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	99.4	120.0	120.0	78.2	117.4	120.0	
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	89.6	120.0	120.0	70.6	105.9	120.0	
48"		120.0	120.0	112.0	120.0	120.0	120.0	120.0	120.0	120.0	82.8	120.0	120.0	65.2	97.8	120.0	
54"		120.0	120.0	105.4	120.0	120.0	120.0	120.0	120.0	120.0	77.9	116.9	120.0	61.4	92.0	120.0	
60"		120.0	120.0	100.8	120.0	120.0	120.0	120.0	120.0	120.0	74.5	111.8	120.0	58.7	88.0	117.4	
66"		120.0	120.0	97.7	120.0	120.0	120.0	120.0	120.0	120.0	72.3	108.4	120.0	56.9	85.4	113.8	
72"	120.0	120.0	96.0	120.0	120.0	120.0	120.0	120.0	120.0	71.0	106.5	120.0	55.9	83.8	111.8		
30"	84"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	103.7	120.0	120.0	81.6	120.0	120.0	
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	90.3	120.0	120.0	71.1	106.7	120.0	
42"		120.0	120.0	109.7	120.0	120.0	120.0	120.0	120.0	120.0	81.1	120.0	120.0	63.9	95.8	120.0	
48"		120.0	120.0	100.8	120.0	120.0	120.0	120.0	120.0	120.0	74.5	111.8	120.0	58.7	88.0	117.4	
54"		120.0	120.0	94.3	120.0	120.0	120.0	120.0	120.0	120.0	69.7	104.6	120.0	54.9	82.4	109.8	
60"		120.0	120.0	89.6	120.0	120.0	120.0	120.0	120.0	120.0	66.2	99.4	120.0	52.2	78.2	104.3	
66"		120.0	120.0	86.2	120.0	120.0	120.0	120.0	120.0	120.0	63.8	95.6	120.0	50.2	75.3	100.4	
30"	90"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	95.4	120.0	120.0	75.1	112.7	120.0	
36"		120.0	120.0	112.0	120.0	120.0	120.0	120.0	120.0	120.0	82.8	120.0	120.0	65.2	97.8	120.0	
42"		120.0	120.0	100.2	120.0	120.0	120.0	120.0	120.0	120.0	74.1	111.1	120.0	58.3	87.5	116.6	
48"		120.0	120.0	91.6	120.0	120.0	120.0	120.0	120.0	120.0	67.7	101.6	120.0	53.3	80.0	106.7	
54"		120.0	120.0	85.3	120.0	120.0	120.0	120.0	120.0	120.0	63.1	94.6	120.0	49.7	74.5	99.4	
60"		117.4	120.0	80.6	120.0	120.0	120.0	120.0	120.0	120.0	59.6	89.4	119.2	46.9	70.4	93.9	
66"		112.4	120.0	77.2	115.8	120.0	120.0	120.0	120.0	120.0	57.0	85.6	114.1	44.9	67.4	89.8	
30"	96"	120.0	120.0	119.5	120.0	120.0	120.0	120.0	120.0	120.0	88.3	120.0	120.0	69.5	104.3	120.0	
36"		120.0	120.0	103.4	120.0	120.0	120.0	120.0	120.0	120.0	76.4	114.6	120.0	60.2	90.3	120.0	
42"		120.0	120.0	92.2	120.0	120.0	120.0	120.0	120.0	120.0	68.1	102.2	120.0	53.7	80.5	107.3	
48"		120.0	120.0	84.0	120.0	120.0	120.0	120.0	120.0	120.0	62.1	93.2	120.0	48.9	73.4	97.8	
54"		113.5	120.0	77.9	116.9	120.0	120.0	120.0	120.0	120.0	57.6	86.4	115.2	45.4	68.0	90.7	
60"		106.8	120.0	73.3	110.0	120.0	120.0	120.0	120.0	120.0	54.2	81.3	108.4	42.7	64.0	85.4	
66"		104.4	120.0	71.7	107.5	120.0	120.0	120.0	120.0	120.0	53.0	79.5	106.0	41.7	62.6	83.5	

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)																			
NOMINAL DIMS.		ANCHORS TYPE 'A'						ANCHORS TYPE 'B'											
		1/4" SHIM		3/8" MAX. SHIM		1/2" MAX. SHIM		1/4" SHIM		3/8" MAX. SHIM		1/2" MAX. SHIM							
WIDTH (W)	FRAME HEIGHT	A2	A3	A2	A3	A4	A2	A3	A4	B2	B3	B2	B3	B4	B2	B3	B4		
30"	108"	120.0	120.0	104.1	120.0	120.0	81.4	120.0	120.0	120.0	120.0	120.0	120.0	76.9	115.4	120.0	60.6	90.9	120.0
36"		120.0	120.0	89.6	120.0	120.0	70.1	105.1	120.0	120.0	120.0	120.0	120.0	66.2	99.4	120.0	52.2	78.2	104.3
42"		115.7	120.0	79.4	119.2	120.0	62.1	93.2	120.0	120.0	120.0	120.0	120.0	58.7	88.1	117.5	46.3	69.4	92.5
48"		104.9	120.0	72.0	108.0	120.0	56.3	84.5	112.6	112.6	120.0	120.0	120.0	53.2	79.8	106.5	41.9	62.9	83.8
54"		96.7	120.0	66.4	99.6	120.0	51.9	77.9	103.8	103.8	120.0	120.0	120.0	49.1	73.6	98.1	38.6	58.0	77.3
30"	114"	120.0	120.0	97.7	120.0	120.0	76.5	114.7	120.0	120.0	120.0	120.0	120.0	72.3	108.4	120.0	56.9	85.4	113.8
36"		120.0	120.0	84.0	120.0	120.0	65.7	98.5	120.0	120.0	120.0	120.0	120.0	62.1	93.2	120.0	48.9	73.4	97.8
42"		108.2	120.0	74.3	111.5	120.0	58.1	87.2	116.3	116.2	120.0	120.0	120.0	54.9	82.4	109.9	43.3	64.9	86.5
48"	97.9	120.0	67.2	100.8	120.0	52.6	78.8	105.1	105.1	120.0	120.0	120.0	49.7	74.5	99.4	39.1	58.7	78.2	
30"	120"	120.0	120.0	92.2	120.0	120.0	72.1	108.1	120.0	120.0	120.0	120.0	120.0	68.1	102.2	120.0	53.7	80.5	107.3
36"		115.1	120.0	79.1	118.6	120.0	61.8	92.8	120.0	120.0	120.0	120.0	120.0	58.4	87.7	116.9	46.0	69.0	92.0
42"		101.7	120.0	69.8	104.7	120.0	54.6	81.9	109.2	109.2	120.0	120.0	120.0	51.6	77.4	103.2	40.6	61.0	81.3
48"		91.8	120.0	63.0	94.5	120.0	49.3	73.9	98.6	98.5	120.0	120.0	120.0	46.6	69.9	93.2	36.7	55.0	73.4
30"	126"	120.0	120.0	87.2	120.0	120.0	68.2	102.3	120.0	120.0	120.0	120.0	120.0	64.4	96.7	120.0	50.8	76.1	101.5
36"		108.7	120.0	74.7	112.0	120.0	58.4	87.6	116.8	116.7	120.0	120.0	120.0	55.2	82.8	110.4	43.5	65.2	86.9
42"		95.9	120.0	65.8	98.7	120.0	51.5	77.2	103.0	102.9	120.0	120.0							

EXTERIOR
FRAME HEIGHT



METAL STRUCTURES NOT BY RC HOME SHOWCASE
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 CONC. OR MASONRY
2" MIN. EMBED INTO CONCRETE (HEAD/SILL)
2" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

TYPE 'B'- 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

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

SEALANTS:

ALL FRAME CORNERS AND MULLION SEAMS SEALED
WITH SILICONE.

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512-26
Expiration Date March 25, 2019
By: *Manuel B...*
Miami Dade Product Control

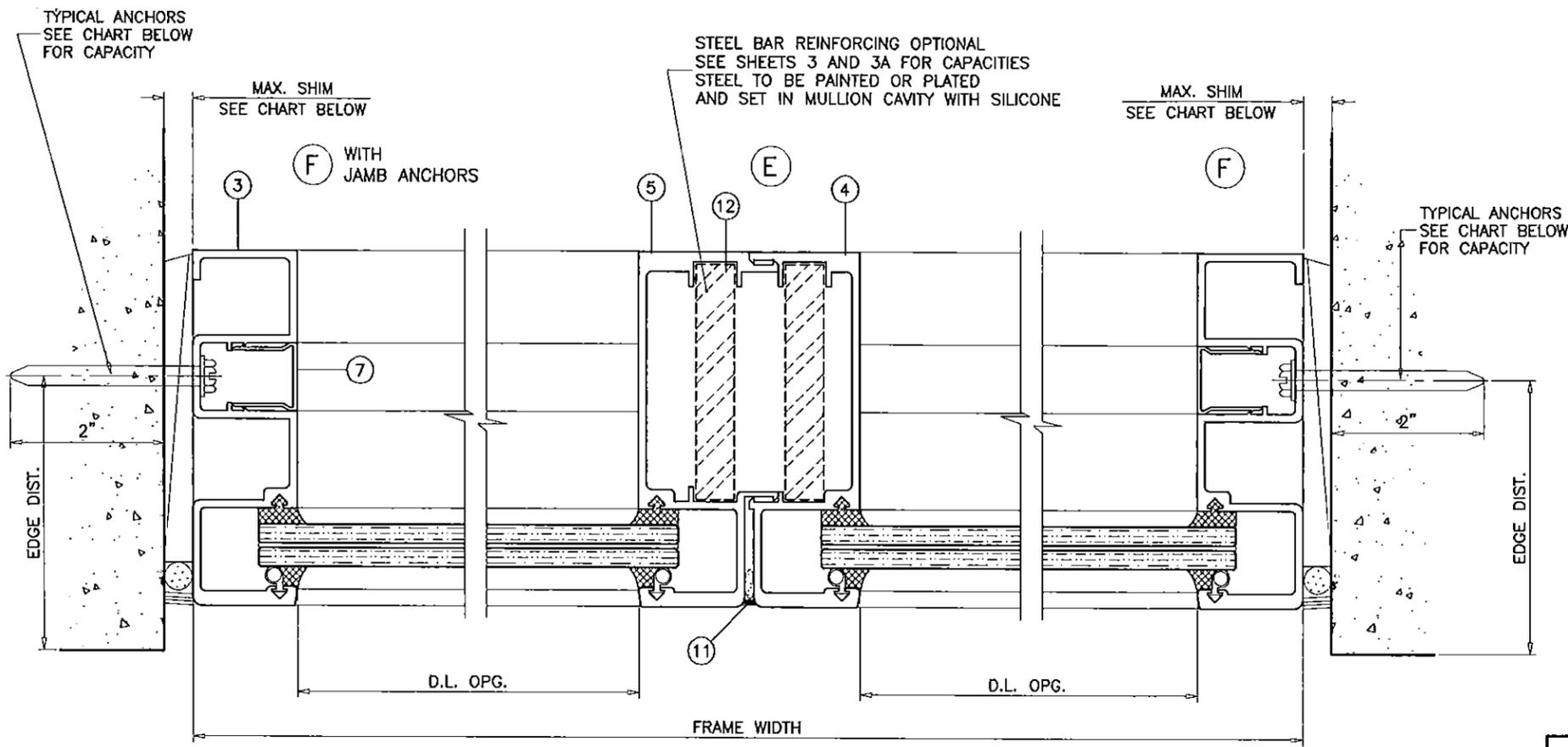
afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE \W03-103RC

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)
RC HOME SHOWCASE
2970 N.W. 75TH AVENUE
MIAMI, FL. 33122
TEL. (305) 392-6214 FAX. (786) 464-1582

NO	DATE	DESCRIPTION	BY
H	03.17.10	NO CHANGE THIS SHEET	
I	03.20.12	NO CHANGE THIS SHEET	
J	10.10.13	MANUF. NAME REV.	
K	04.22.15	UPDATED TO 2014 FBC	
L	11.10.15	REV. PER PER COMMENTS	

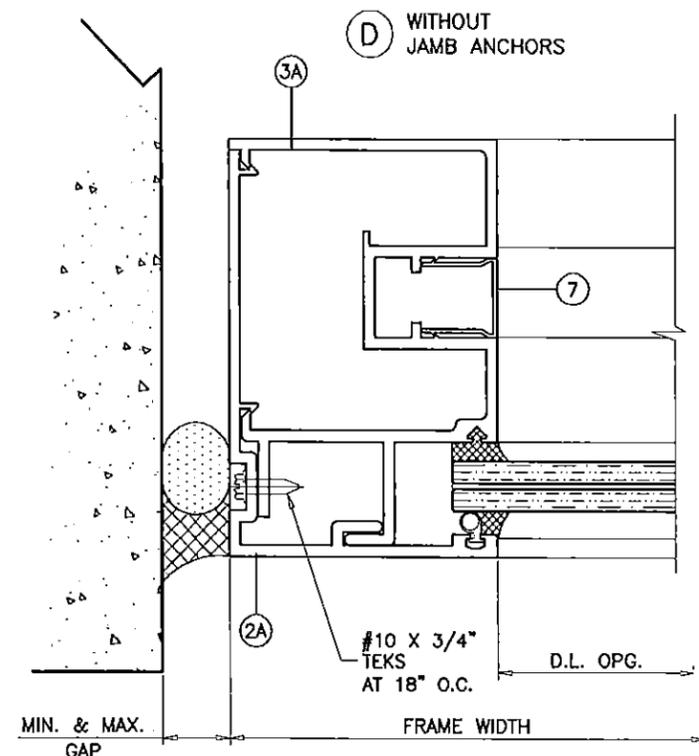
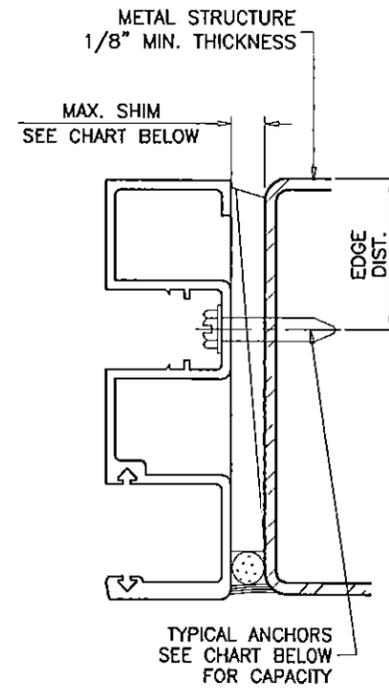
date: 11-14-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-103
sheet 7 of 9

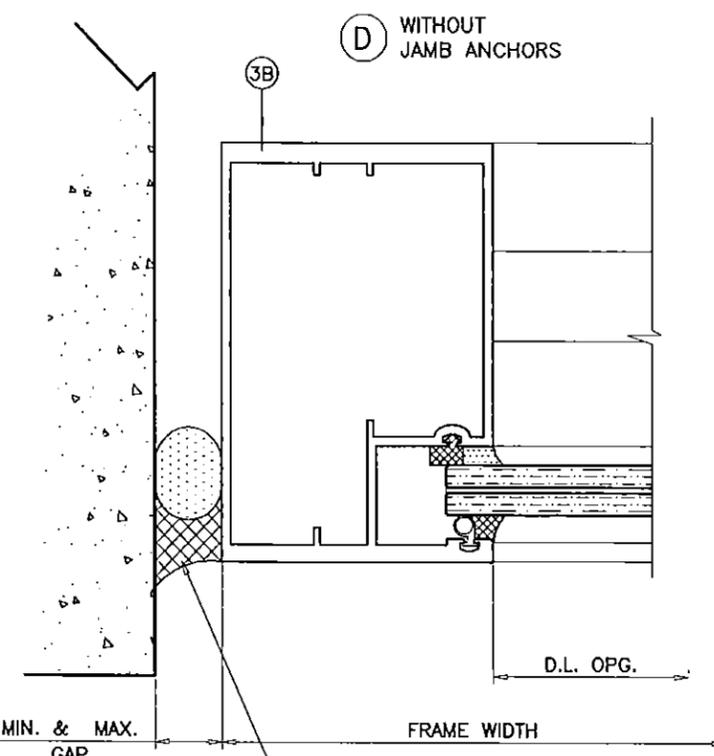


JAMB WITH FRAME ANCHORS

EXTERIOR



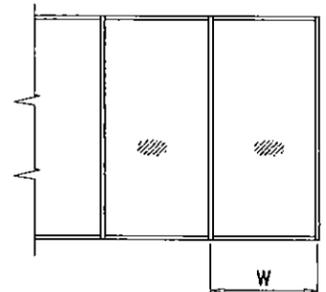
OPTIONAL JAMBS WITHOUT FRAME ANCHORS



SILICONE
DOW CORNING 790
MIN. GAP = 0.0032 X FRAME HT.
MAX. GAP = 0.750 IN.

JAMB ANCHORS LOAD CAPACITY - PSF
EXT.(+) & INT.(-)

WIDTH (W)	ANCHORS TYPE 'A'			ANCHORS TYPE 'B'				
	AT 12" O.C.		AT 6" O.C.	AT 12" O.C.		AT 6" O.C.		
	3/8" SHIM	1/2" SHIM	1/2" SHIM	1/4" SHIM	3/8" SHIM	1/2" SHIM	3/8" SHIM	1/2" SHIM
30"	120.0	120.0	120.0	120.0	120.0	117.4	120.0	120.0
36"	120.0	120.0	120.0	120.0	120.0	97.8	120.0	120.0
42"	120.0	112.6	120.0	120.0	106.5	83.8	120.0	120.0
48"	120.0	98.6	120.0	120.0	93.2	73.4	120.0	120.0
54"	111.6	87.6	120.0	120.0	82.8	65.2	120.0	120.0
60"	100.4	78.8	120.0	120.0	74.5	58.7	120.0	117.4
66"	91.3	71.7	120.0	120.0	67.7	53.3	120.0	106.7
72"	83.7	65.7	120.0	120.0	62.1	48.9	120.0	97.8



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
[Signature]
NOV 11 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512 26
Expiration Date March 25, 2019
By *[Signature]*
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
STORE \W03-103RC

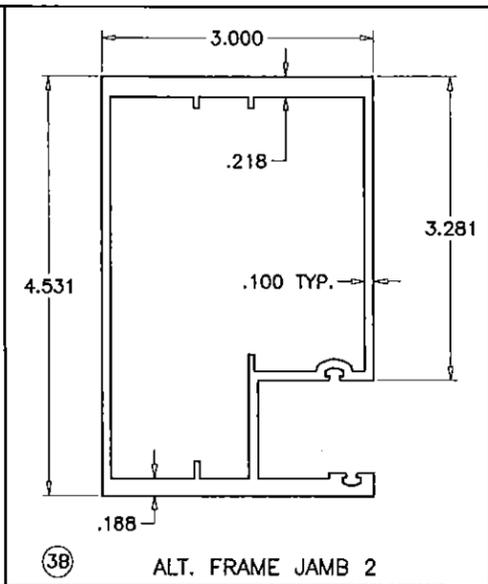
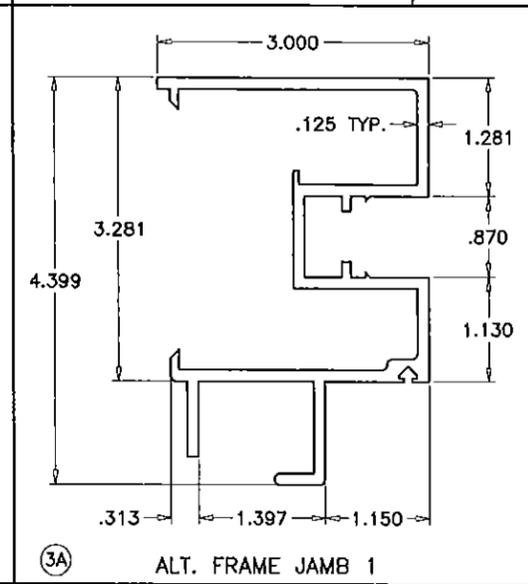
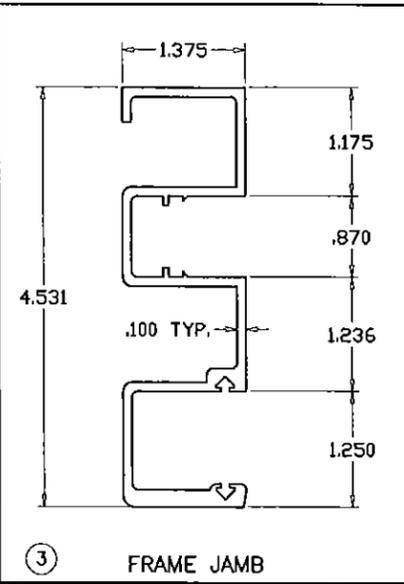
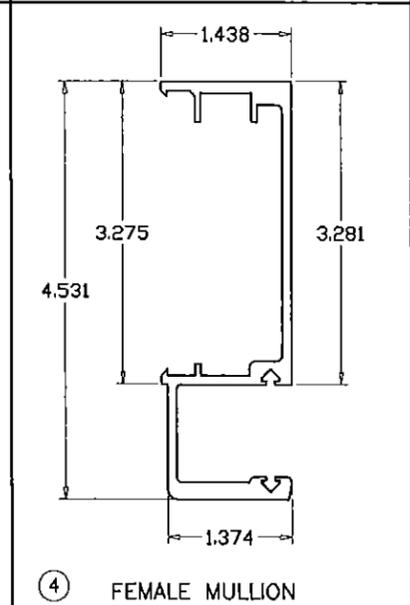
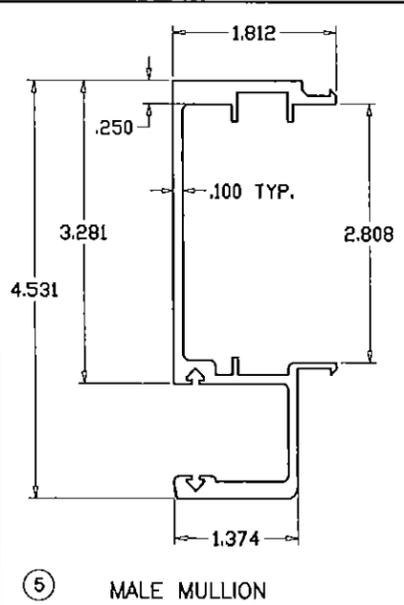
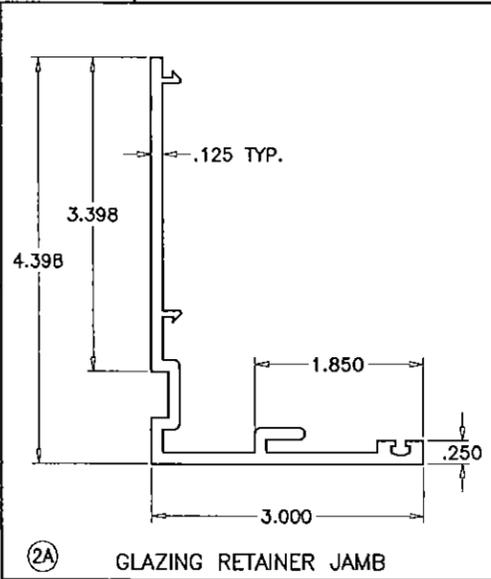
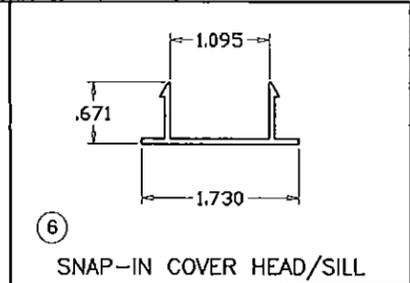
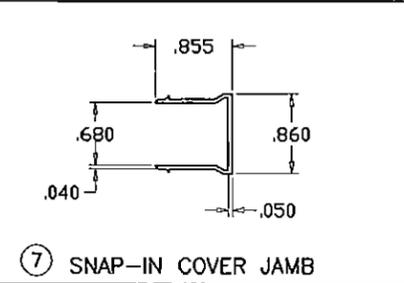
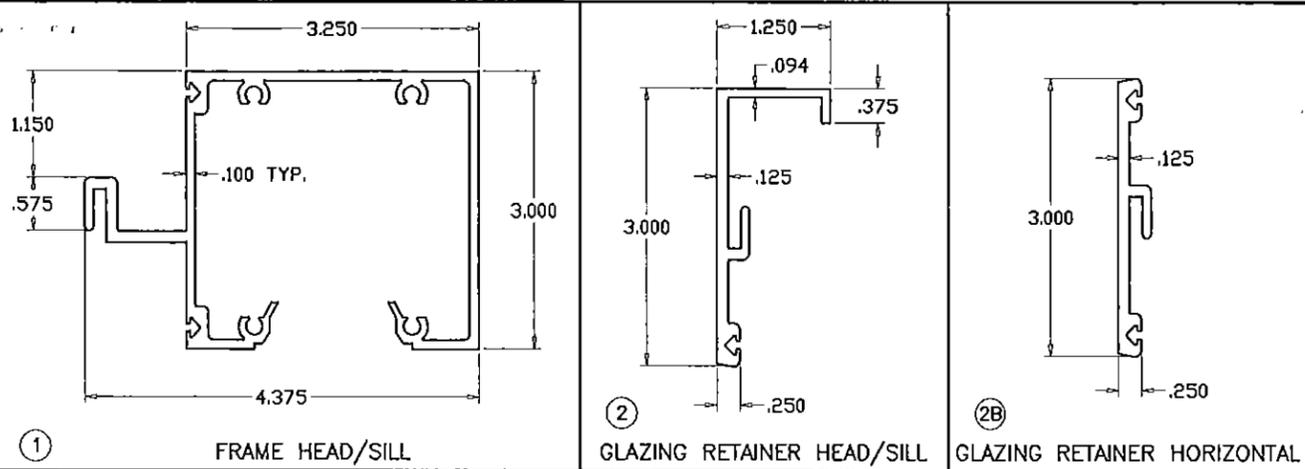
FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)
RC HOME SHOWCASE
2970 N.W. 75TH AVENUE
MIAMI, FL. 33122
TEL. (305) 392-6214 FAX. (786) 464-1582

Revisions:

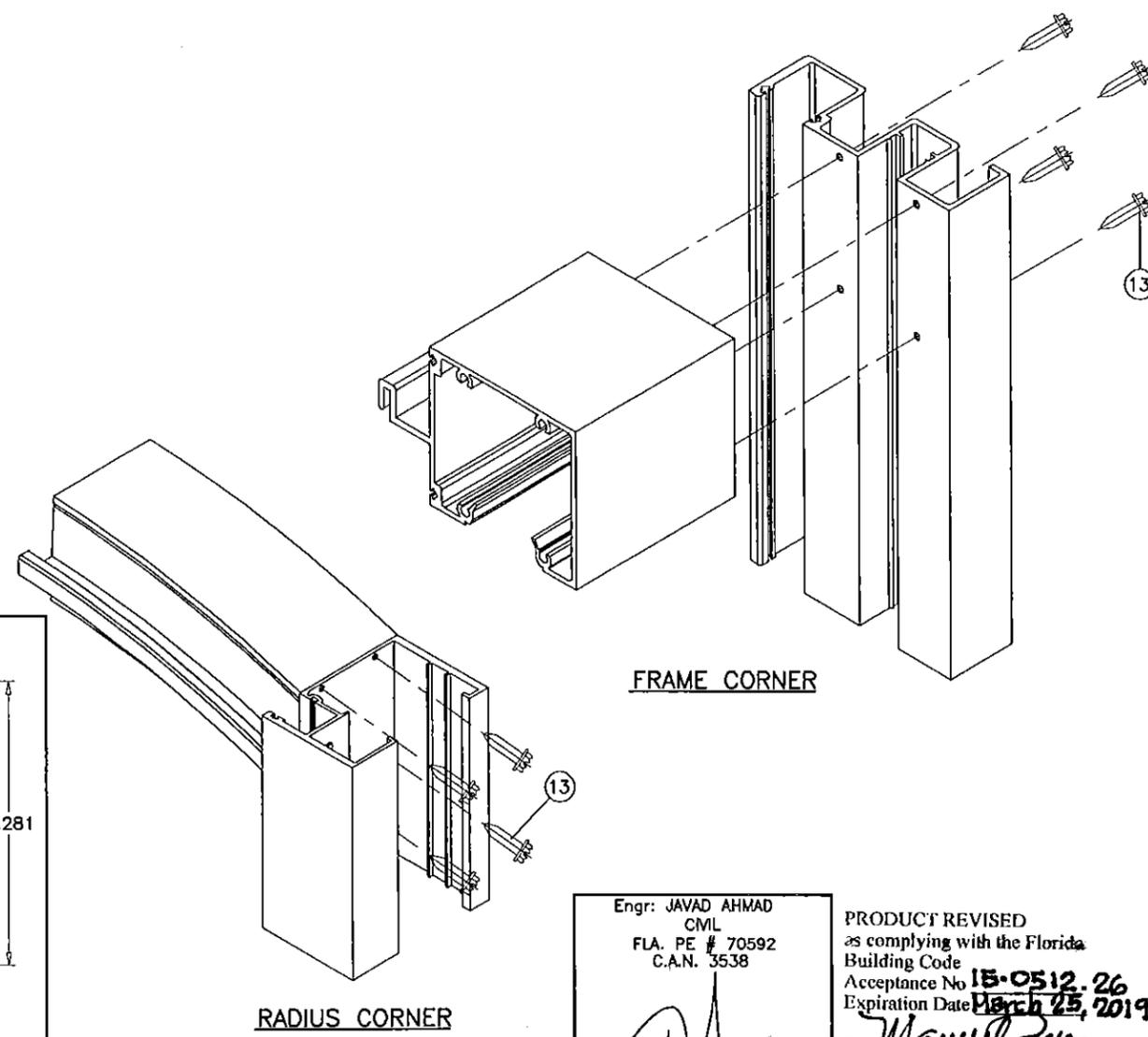
NO	DATE	BY	DESCRIPTION
H	03.17.10		NO CHANGE THIS SHEET
I	03.20.12		NO CHANGE THIS SHEET
J	10.10.13		MANUF. NAME REV.
K	04.22.15		UPDATED TO 2014 FBC
L	11.10.15		REV. PER PER COMMENTS

date: 11-14-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-103
sheet 8 of 9



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FX345-04	AS REQD.	FRAME HEAD/SILL	6063-T6	ALUMAX OR EQUIV.
2	FX345-06	AS REQD.	GLAZING RETAINER (HEAD/SILL)	6063-T5	ALUMAX OR EQUIV.
2A	FX345-013	AS REQD.	GLAZING RETAINER (JAMB)	6063-T6	ALUMAX OR EQUIV.
2B	FX345-05	AS REQD.	GLAZING RETAINER (HORIZONTAL)	6063-T5	ALUMAX OR EQUIV.
3	FX345-09	AS REQD.	FRAME JAMB	6063-T6	ALUMAX OR EQUIV.
3A	FX345-012	AS REQD.	ALT. FRAME JAMB 1	6063-T6	ALUMAX OR EQUIV.
3B	FX345-049	AS REQD.	ALT. FRAME JAMB 2	6063-T6	ALUMAX OR EQUIV.
4	FX345-01	AS REQD.	FEMALE MULLION	6063-T6	ALUMAX OR EQUIV.
5	FX345-02	AS REQD.	MALE MULLION	6063-T6	ALUMAX OR EQUIV.
6	FX345-07	AS REQD.	SNAP-IN COVER HEAD/SILL	6063-T5	ALUMAX OR EQUIV.
7	245FX011	AS REQD.	SNAP-IN COVER JAMB	6063-T5	ALUMAX OR EQUIV.
8	WV-8215	AS REQD.	WEDGE GASKET	VINYL	WIBORG
8.1	-	AS REQD.	3/16" X 1/2" NORTON SINGLE FACE TAPE	-	V2100 SERIES
9	WV-3289	AS REQD.	BULB WEATHERSTRIPPING	VINYL	WIBORG
9.1	V-088	AS REQD.	BACK UP VINYL	VINYL	-
9.2	V-089	AS REQD.	1/2" OFFSET GASKET	VINYL	-
10	-	2/ LITE	SETTING BLOCKS (3/4" X 5/8" X 3-1/4")	NEOPRENE	LOWE, DUROMETER 80±5 SHORE A
11	-	-	SEALANT DOW CORNING 995 OR EQUAV.	SILICONE	-
12	-	AS REQD.	REINFORCING BAR, FULL LENGTH (1/2" X 3")	STEEL	SILICONED IN PLACE
13	-	4/ CORNER	FRAME ASSEMBLY SCREWS	-	# 12 X 1-1/4" HH SMS



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

NOV 11 2015

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0512-26
 Expiration Date March 25, 2019

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
 STORE W03-103RC

FX-345 ALUM. WINDOW WALL SYSTEM (L.M.I.)
RC HOME SHOWCASE
 2970 N.W. 75TH AVENUE
 MIAMI, FL. 33122
 TEL (305) 392-6214 FAX (786) 464-1582

NO	DATE	BY	DESCRIPTION
H	03.17.10		GLASS OPTIONS E & F ADDED
I	03.20.12		NO CHANGE THIS SHEET
J	10.10.13		MANUF. NAME REV.
K	04.22.15		UPDATED TO 2014 FBC
L	11.10.15		NO CHANGE THIS SHEET

date: 11-14-03
 scale: 1/2" = 1"
 dr. by: HAMID
 chg. by:
 drawing no.
W03-103
 sheet 9 of 9