



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

Mr. Glass Doors & Windows, Inc.
8120 NW 84th Street
Medley, FL 33166

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 "MG-5000" Aluminum Window Wall System - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W11-39**, titled "Series MG5000 Alum. Window Wall System (L.M.I.)", sheets 1, 1.1, 2, 3, 4, 5, 5.1, 5.2, 6, 6.1 and 7 through 12 of 12, dated 07/15/11, with revision **D** dated 06/13/18, 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, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA No. **15-0826.31** 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:
8/20/18

NOA No. 18-0314.06
Expiration Date: April 03, 2023
Approval Date: August 30, 2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 08-1114.16)
2. Drawing No. **W11-39**, titled "Series MG5000 Alum. Window Wall System (L.M.I.)", sheets 1 through 5, 5.1 and 6 through 12 of 12, dated 07/15/11, with revision **B** dated 08/14/15, 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
 - 6) Drop Load Test, per CPSC 16 CFR 1201 (400 foot-pound impact)along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5447**, dated 12/19/07, signed and sealed by Michael R. Wenzel, P. E.
(Submitted under NOA No. 08-1114.16)

C. CALCULATIONS

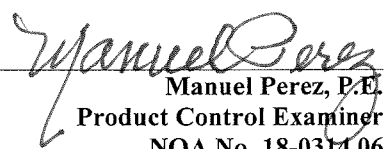
1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 07/27/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

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.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0314.06
Expiration Date: April 03, 2023
Approval Date: August 30, 2018

Mr. Glass Doors & Windows, Inc.

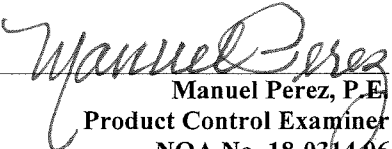
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated 08/06/15, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Distributor Agreement document in conformance to Product Control guidelines, dated 10/20/10, signed by Carla Garcia Torrente and by Andres Chamorro, respectively.
3. Private Labeling Agreement document in conformance to Product Control guidelines dated 07/19/11 signed by Andres Chamorro and Ulises Senaris, respectively.
(Submitted under NOA No. 11-0720.09)
4. Laboratory compliance letter for Test Report No. **FTL-5447**, dated 12/19/07, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Michael R. Wenzel, P.E.
(Submitted under NOA No. 08-1114.16)

G. OTHERS

1. Notice of Acceptance No. **13-0107.03**, issued to Mr. Glass Doors & Windows, Inc. for their Series "MG5000" Aluminum Window Wall System - L.M.I., approved on 03/14/13 and expiring on 04/03/18.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0314.06

Expiration Date: April 03, 2023
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W11-39**, titled "Series MG5000 Alum. Window Wall System (L.M.I.)", sheets 1, 1.1, 2, 3, 4, 5, 5.1, 5.2, 6, 6.1 and 7 through 12 of 12, dated 07/15/11, with revision **D** dated 06/13/18, 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
6) Drop Load Test, per ANSI Z97.1 (400 foot-pound impact)
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9605**, dated 08/16/17, signed and sealed by Idalmis Ortega, 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) 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-8372**, dated 03/24/16, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 08/30/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0314.06

Expiration Date: April 03, 2023
Approval Date: August 30, 2018

Mr. Glass Doors & Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **17-1114.14** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 01/18/18, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated January 12, 2018, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

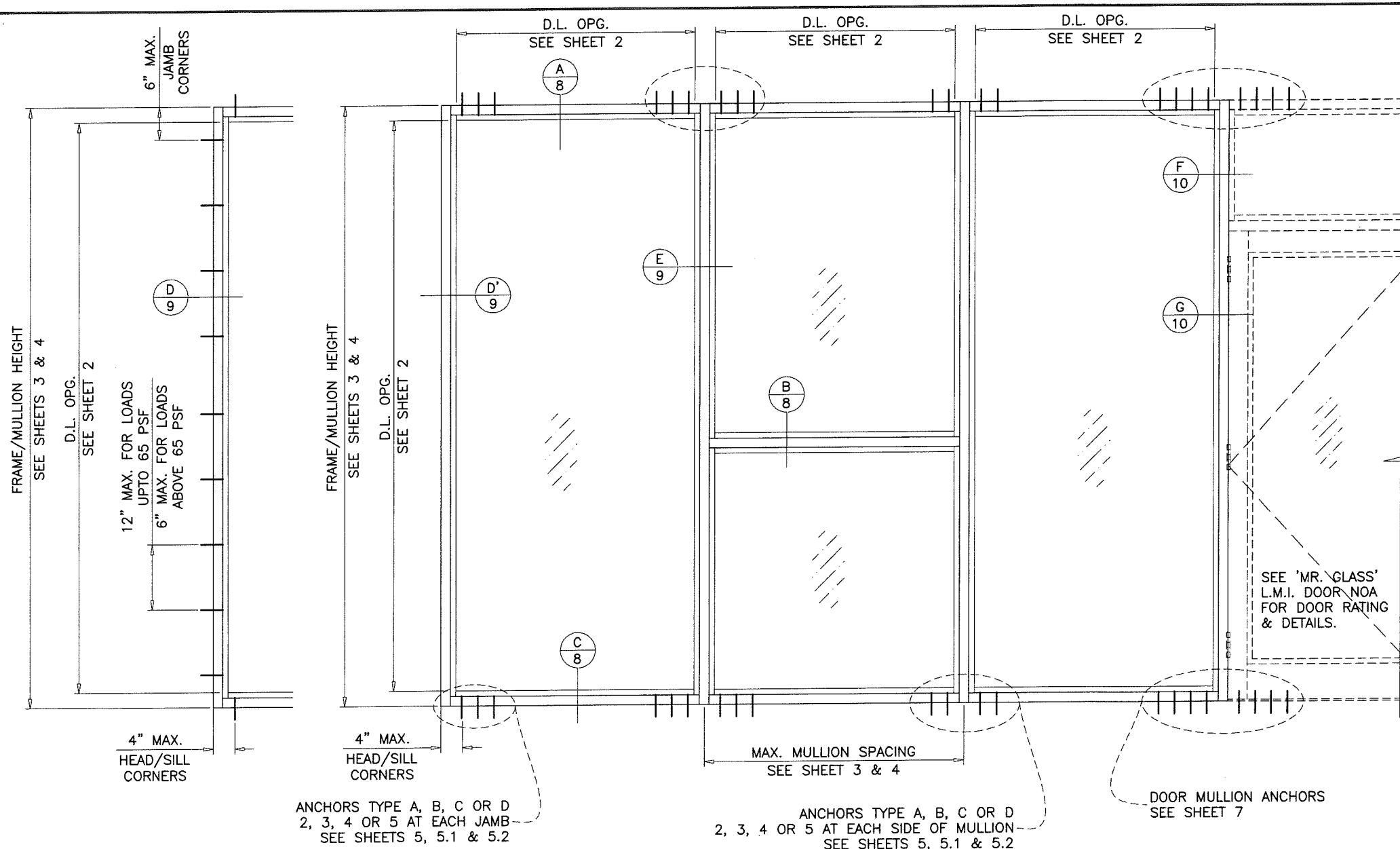
1. Notice of Acceptance No. **15-0826.31**, issued to Mr. Glass Doors & Windows, Inc. for their Series “MG5000” Aluminum Window Wall System – L.M.I., approved on 09/24/15 and expiring on 04/03/18.


Manuel Perez, P.E.
Product Control Examiner

NOA No. 18-0314.06

Expiration Date: April 03, 2023

Approval Date: August 30, 2018



TYPICAL ELEVATION

SERIES MG5000 ALUMINUM WINDOW WALL SYSTEM

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

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

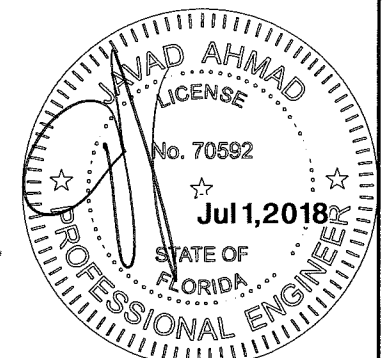
- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 3 & 4 FOR WINDOW WALL MULLION AND SHEETS 6 & 7 FOR DOOR MULLION. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** CHECK ANCHOR CAPACITY FOR WINDOW WALL SYSTEM USING CHARTS ON SHEETS 5, 5.1 & 5.2. FOR DOOR MULLION ANCHOR CAPACITY SEE CHART ON SHEET 7. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES. SINGLE LITES MAY BE INSTALLED VERTICALLY AS SHOWN ABOVE OR HORIZONTALLY.

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

**LAMINATED GLASS
LARGE MISSILE IMPACT**

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314.06
Expiration Date April 3, 2023
By *Manuel Perez*
Miami/Dade Product Control



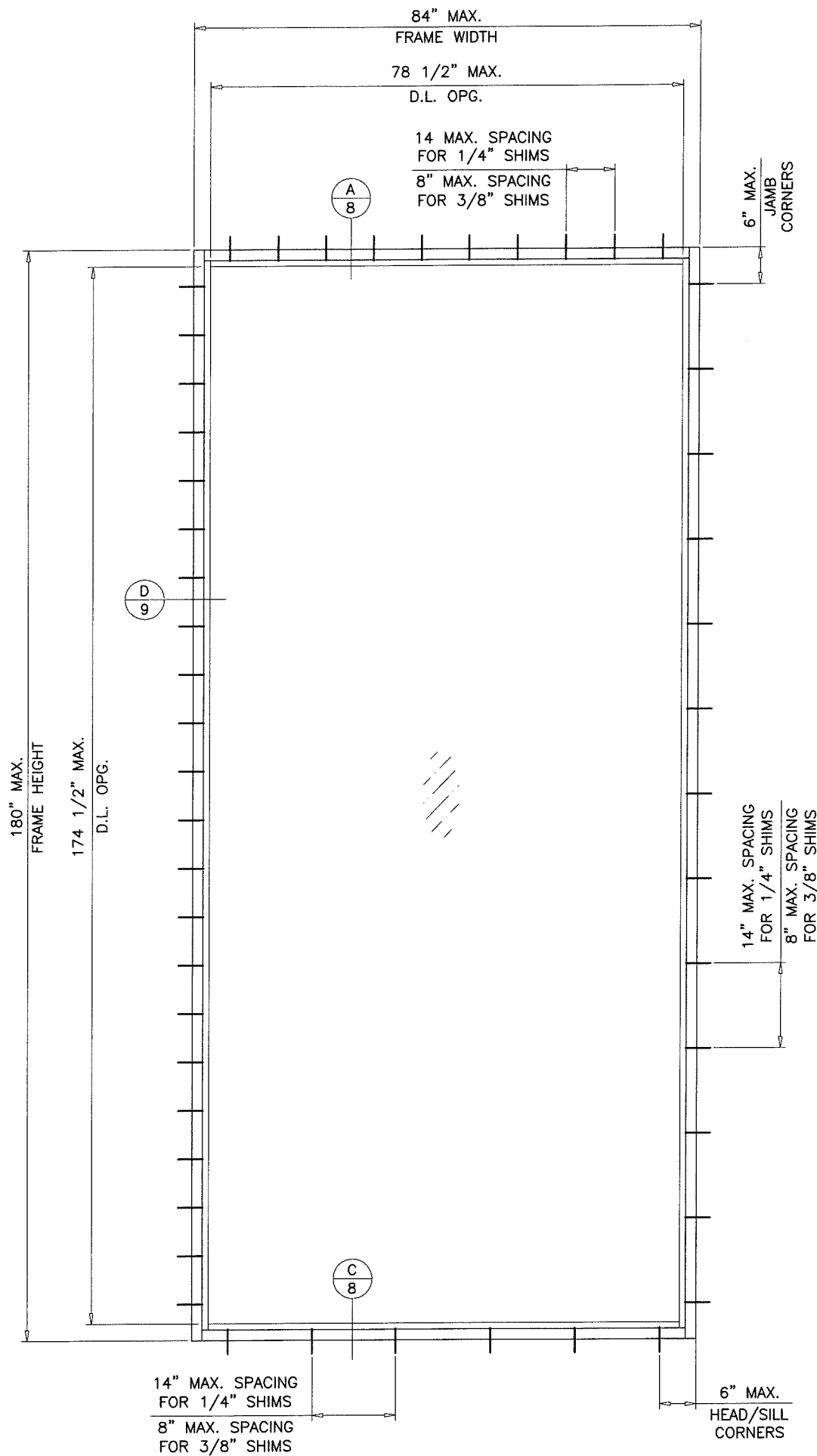
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE/W11-39MG

SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:	no	date	by	description
	A	03.05.12		UPDATED TO 2010 FBC
	B	08.14.15		GENERAL REVISION
	C	02.28.18		UPDATED TO 2017 FBC
	D	06.13.18		NO CHANGE THIS SHEET

date:	07-15-11
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

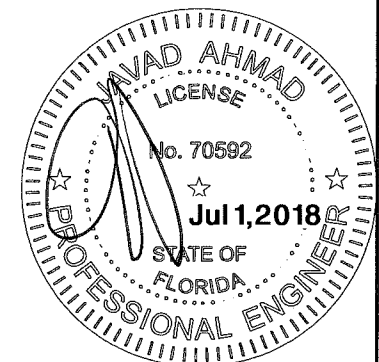
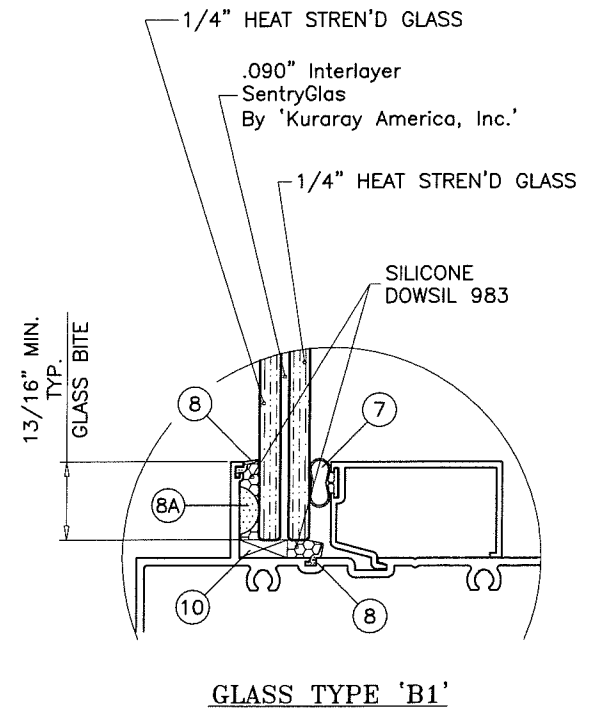
drawing no.	W11-39
sheet	1 of 12



TYPICAL ELEVATION
SINGLE (O) PANEL

MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
- 70.0 PSF
(FOR SINGLE UNITS SHOWN IN THIS SHEET OR SMALLER)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314.06
Expiration Date Apr 13, 2023
By *Manuel Perez*
Miami Dade Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

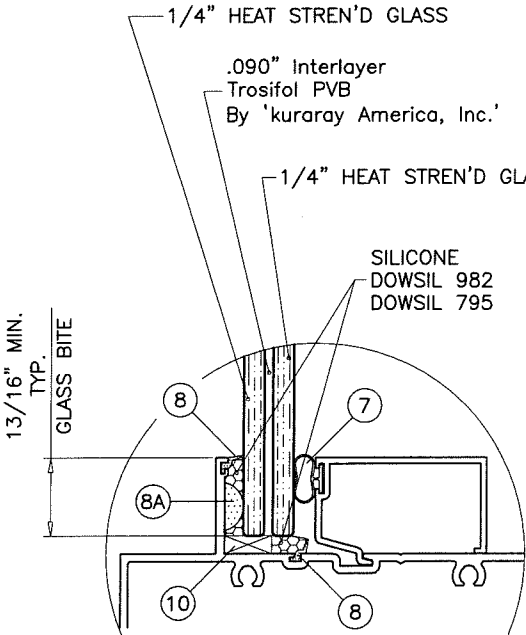
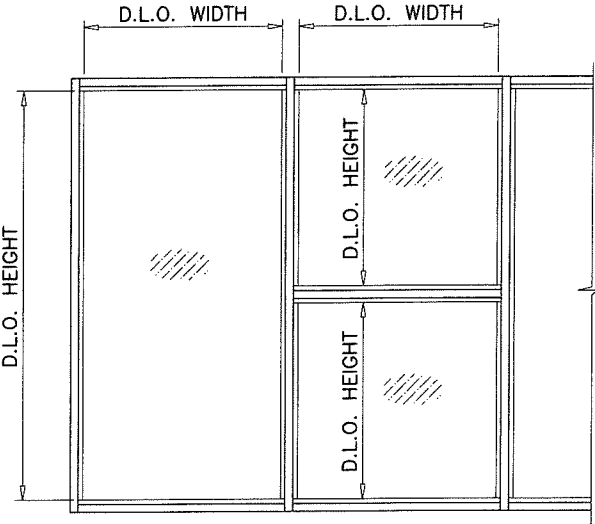
revisions:					
no	date	by	description		
A	03.05.12		UPDATED TO 2010 FBC		
B	08.14.15		GENERAL REVISION		
C	02.28.18		UPDATED TO 2017 FBC		
D	06.13.18		REV. PER RER COMMENTS		

date: 07-15-11			
scale: 1/2"=1'-0"			
dr. by: TARIQ			
chk. by:			

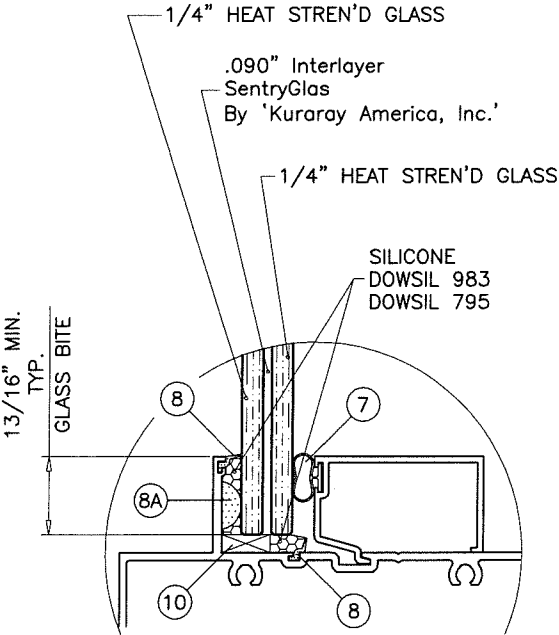
drawing no.	
W11-39	
sheet 1.1 of 12	

GLASS LOAD CAPACITY - PSF			
NOMINAL DIMS.		GLASS TYPE 'A'	GLASS TYPE 'B'
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+)/INT.(-)	EXT.(+)/INT.(-)
28"	84-1/2"	80.0	130.0
32"		80.0	130.0
36"		80.0	130.0
40"		80.0	130.0
44-1/4"		80.0	130.0
48"		80.0	130.0
52"		80.0	130.0
56-1/4"		80.0	130.0
28"	90-1/2"	80.0	130.0
32"		80.0	130.0
36"		80.0	130.0
40"		80.0	130.0
44-1/4"		80.0	130.0
48"		80.0	130.0
52"		80.0	130.0
28"	96-1/2"	80.0	130.0
32"		80.0	130.0
36"		80.0	130.0
40"		80.0	130.0
44-1/4"		80.0	130.0
48"		80.0	130.0
52"		80.0	127.2
28"	102-1/2"	80.0	130.0
32"		80.0	130.0
36"		80.0	130.0
40"		80.0	130.0
44-1/4"		80.0	130.0
48"		80.0	128.9
28"	108-1/2"	80.0	130.0
32"		80.0	130.0
36"		80.0	130.0
40"		80.0	130.0
44-1/4"		80.0	130.0
28"	114-1/2"	80.0	130.0
32"		80.0	130.0
36"		80.0	130.0
40"		80.0	130.0
44-1/4"		80.0	130.0
48-1/2"		-	90.0
51-1/2"		-	90.0
44-1/4"	120-1/2"	-	90.0
48"		-	90.0
50"		-	90.0
44-1/4"	126-1/2"	-	90.0
48"		-	90.0
40"	132-1/2"	-	90.0
44-1/4"		-	90.0
40"	138-1/2"	-	90.0
44-1/4"		-	90.0

NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.



GLASS TYPE 'A'



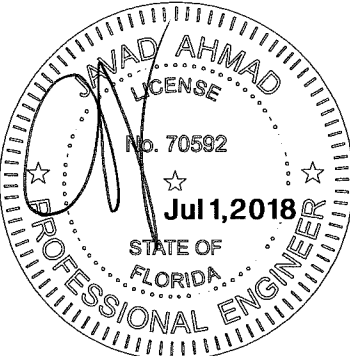
GLASS TYPE 'B'

GLAZING OPTIONS

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

GLASS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314-06
Expiration Date April 3, 2023
By *Manuel Perez*
Miami/Dade Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
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SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)

MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:

no	date	description
A	03.05.12	UPDATED TO 2010 FBC
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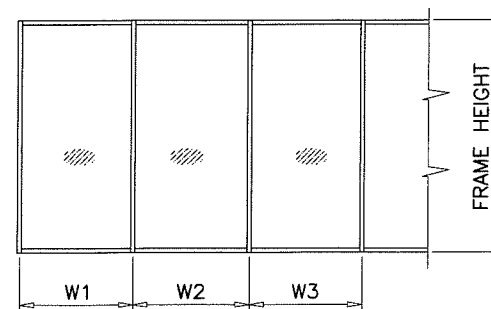
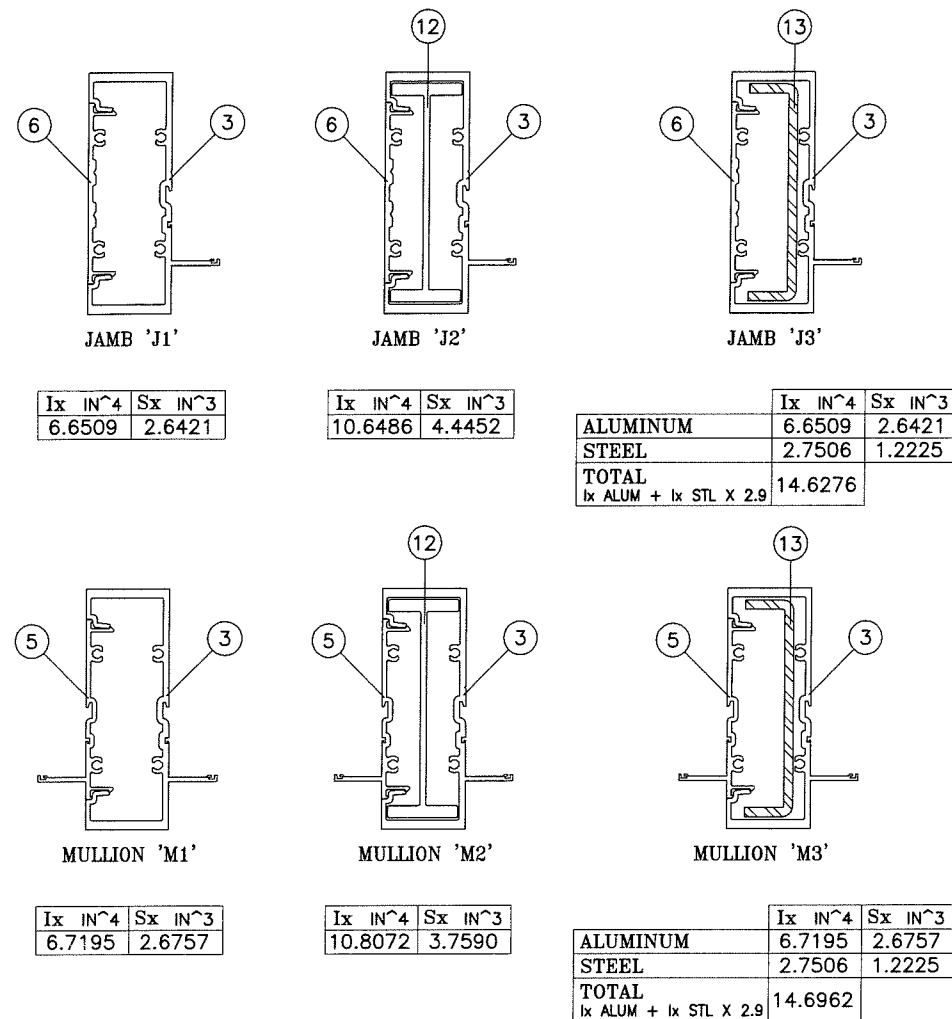
chk. by:

drawing no.
W11-39
sheet 2 of 12

MULLION LOAD CAPACITY - PSF MULLIONS WITHOUT INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		JAMB 'J1'	JAMB 'J1'	JAMB 'J2'	JAMB 'J3'
		MULL 'M1'	MULL 'M2'	MULL 'M3'	MULL 'M4'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30"	86-1/2"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		130.0	130.0	130.0	130.0
48"		130.0	130.0	130.0	130.0
54"		130.0	130.0	130.0	130.0
60"		127.3	130.0	130.0	130.0
30"	90"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		130.0	130.0	130.0	130.0
48"		130.0	130.0	130.0	130.0
54"		122.9	130.0	130.0	130.0
60"		114.9	130.0	130.0	130.0
30"	96"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		121.1	130.0	130.0	130.0
48"		108.6	130.0	130.0	130.0
54"		99.4	130.0	125.6	130.0
60"		92.4	130.0	116.3	130.0
30"	98-1/2"	130.0	130.0	130.0	130.0
36"		127.6	130.0	130.0	130.0
42"		111.6	130.0	130.0	130.0
48"		100.0	130.0	130.0	130.0
54"		91.4	130.0	118.6	130.0
58"		86.8	130.0	112.4	130.0
30"	102"	130.0	130.0	130.0	130.0
36"		114.5	130.0	130.0	130.0
42"		100.0	130.0	130.0	130.0
48"		89.5	130.0	120.9	130.0
54"		81.6	130.0	109.8	130.0
56"		79.4	127.7	106.7	130.0
30"	108"	113.5	130.0	130.0	130.0
36"		95.9	130.0	130.0	130.0
42"		83.6	130.0	120.3	130.0
48"		74.6	120.0	107.0	130.0
53"		68.8	110.7	98.4	130.0
30"	110-1/2"	105.9	130.0	130.0	130.0
36"		89.4	130.0	130.0	130.0
42"		77.8	125.2	114.7	130.0
48"		69.4	111.6	101.9	130.0
52"		64.9	104.5	95.1	130.0
30"	114"	96.2	130.0	130.0	130.0
36"		81.2	130.0	123.8	130.0
42"		70.6	113.6	107.4	130.0
48"		62.9	101.1	95.3	130.0
50"		60.8	97.7	92.0	130.0
30"	120"	82.3	130.0	130.0	130.0
36"		69.3	111.5	111.4	130.0
42"		60.2	96.9	96.5	130.0
48"		53.5	86.1	85.5	130.0

NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.

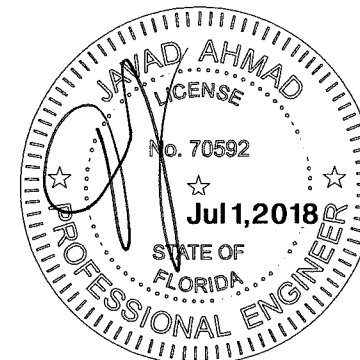
MULLION LOAD CAPACITY - PSF MULLIONS W/O INTERMEDIATE HORIZONTALS		
NOMINAL DIMS.		JAMB 'J2'
		JAMB 'J3'
		MULL 'M4'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)
54"	120"	90.0
57"		90.0
30"	126"	90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
30"	132"	90.0
36"		90.0
42"		90.0
48"		90.0
52"		90.0
30"	138"	90.0
36"		90.0
42"		90.0
48"		90.0
50"		86.9
30"	144"	90.0
36"		90.0
42"		89.4
48"		89.4
48"		79.0



WIDTH (W) = W1
AT FRAME JAMB

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314-06
Expiration Date April 3, 2023
By *Manuel Perez*
Miami Dade Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-8100

SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)

MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:

no	date	description
A	03.05.12	NO CHANGE THIS SHEET
B	08.14.15	GENERAL REVISION
C	02.28.18	UPDATED TO 2017 FBC
D	06.13.18	NO CHANGE THIS SHEET

date: 07-15-11

scale: -

dr. by: TARIQ

chk. by:

drawing no.
W11-39

sheet 3 of 12

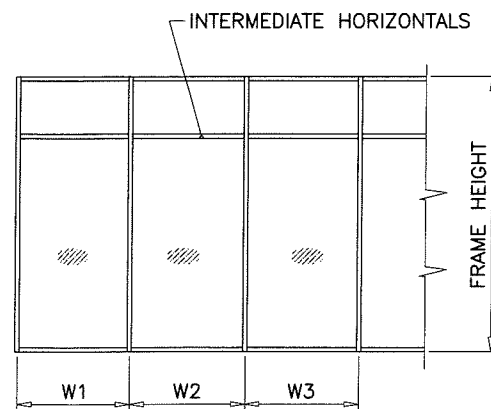
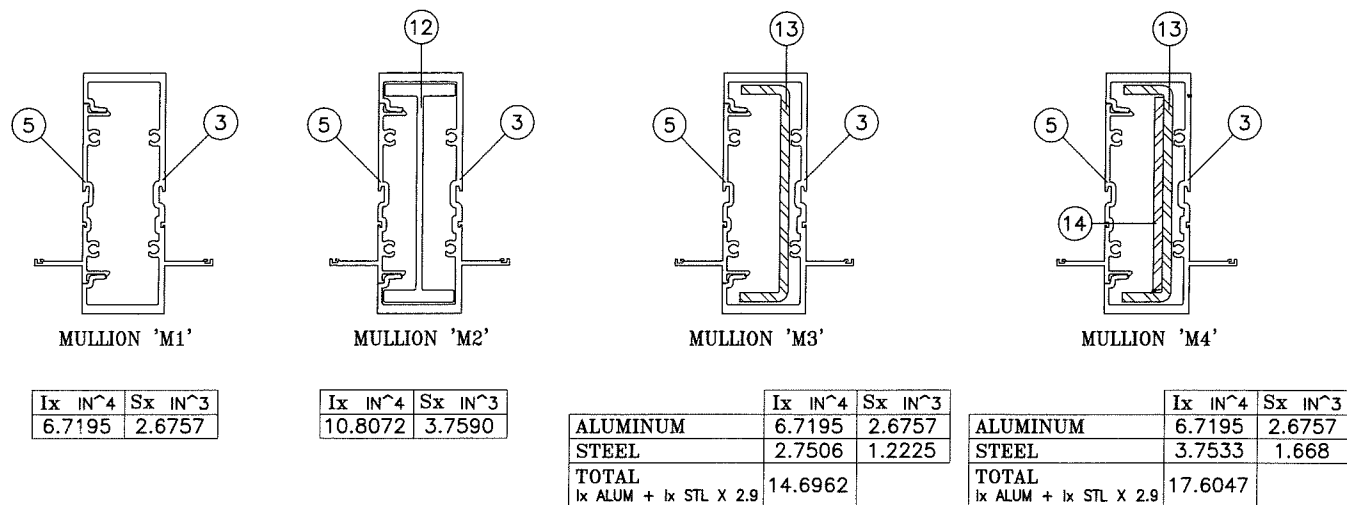
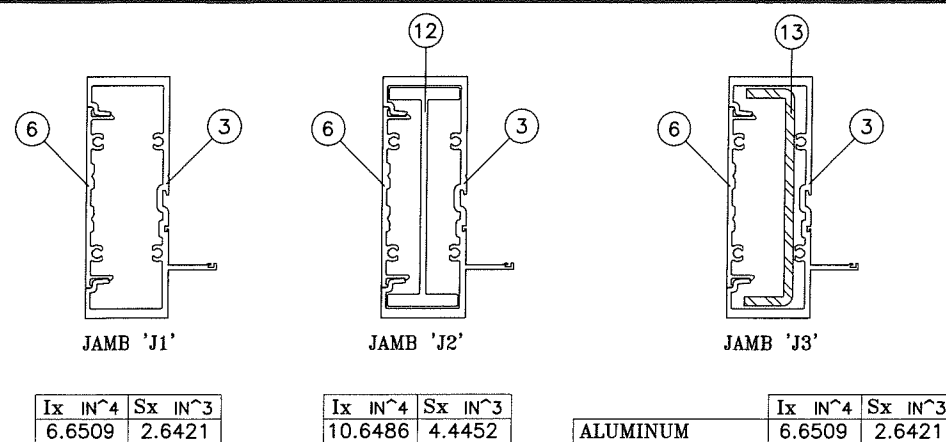
STORE W11-39MG

MULLION LOAD CAPACITY - PSF MULLIONS WITH INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		JAMB 'J1'	JAMB 'J1'	JAMB 'J2'	JAMB 'J3'
		MULL 'M1'	MULL 'M2'	MULL 'M3'	MULL 'M4'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30"	78"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		130.0	130.0	130.0	130.0
48"		130.0	130.0	130.0	130.0
54"		130.0	130.0	130.0	130.0
60"		130.0	130.0	130.0	130.0
30"	86-1/2"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		130.0	130.0	130.0	130.0
48"		130.0	130.0	130.0	130.0
54"		118.9	130.0	130.0	130.0
60"		107.0	130.0	124.8	130.0
30"	90"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		130.0	130.0	130.0	130.0
48"		119.2	130.0	130.0	130.0
54"		105.9	130.0	128.1	130.0
60"		95.3	130.0	115.3	130.0
30"	96"	130.0	130.0	130.0	130.0
36"		130.0	130.0	130.0	130.0
42"		112.2	130.0	130.0	130.0
48"		98.2	130.0	126.7	130.0
54"		87.3	130.0	112.6	130.0
60"		78.5	122.1	101.4	130.0
30"	98-1/2"	130.0	130.0	130.0	130.0
36"		121.2	130.0	130.0	130.0
42"		103.9	130.0	130.0	130.0
48"		90.9	130.0	120.3	130.0
54"		80.8	128.9	107.0	130.0
58"		75.2	120.0	99.6	130.0
30"	102"	130.0	130.0	130.0	130.0
36"		109.1	130.0	130.0	130.0
42"		93.6	130.0	128.3	130.0
48"		81.9	130.0	112.2	130.0
54"		72.8	117.0	99.8	130.0
56"		70.2	112.8	96.2	130.0
30"	108"	110.3	130.0	130.0	130.0
36"		91.9	130.0	130.0	130.0
42"		78.8	126.8	114.4	130.0
48"		69.0	110.9	100.1	130.0
53"		62.5	100.4	90.7	130.0
30"	110-1/2"	103.0	130.0	130.0	130.0
36"		85.8	130.0	127.5	130.0
42"		73.6	118.3	109.3	130.0
48"		64.4	103.6	95.6	130.0
52"		59.4	95.6	88.3	130.0
30"	114"	93.8	130.0	130.0	130.0
36"		78.2	125.7	119.8	130.0
42"		67.0	107.8	102.7	130.0
48"		58.6	94.3	89.8	130.0
50"		56.3	90.5	86.2	130.0
30"	120"	80.4	129.4	129.7	130.0
36"		67.0	107.8	108.1	130.0
42"		57.5	92.4	92.7	130.0
48"		50.3	80.9	81.1	130.0

MULLION LOAD CAPACITY - PSF
MULLIONS WITH INTERMEDIATE HORIZONTALS

NOMINAL DIMS.		JAMB 'J2'	JAMB 'J3'	UNANCHORED
		MULL 'M4'	MULL 'M4'	JAMB OPTIONS
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	MULL OPTIONS
54"	120"	90.0		
57"		90.0		
30"	126"	90.0		
36"		90.0		
42"		90.0		
48"		90.0		
54"		90.0		
30"	132"	90.0		
36"		90.0		
42"		90.0		
48"		90.0		
52"		90.0		
30"	138"	90.0		
36"		90.0		
42"		90.0		
48"		86.6		
50"		83.1		
30"	144"	90.0		
36"		90.0		
42"		87.1		
48"		76.2		

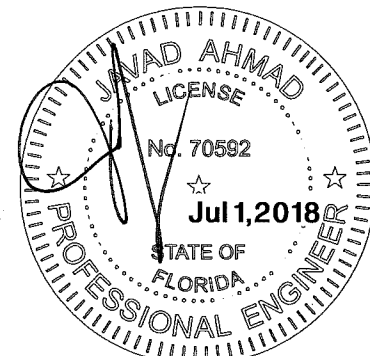
NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.



$$\text{WIDTH (W)} = W1 \text{ AT FRAME JAMB}$$

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314-06
Expiration Date April 3, 2023
By *Manuel Perez*
Miami Dade Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-8100 FAX. (305) 262-6978

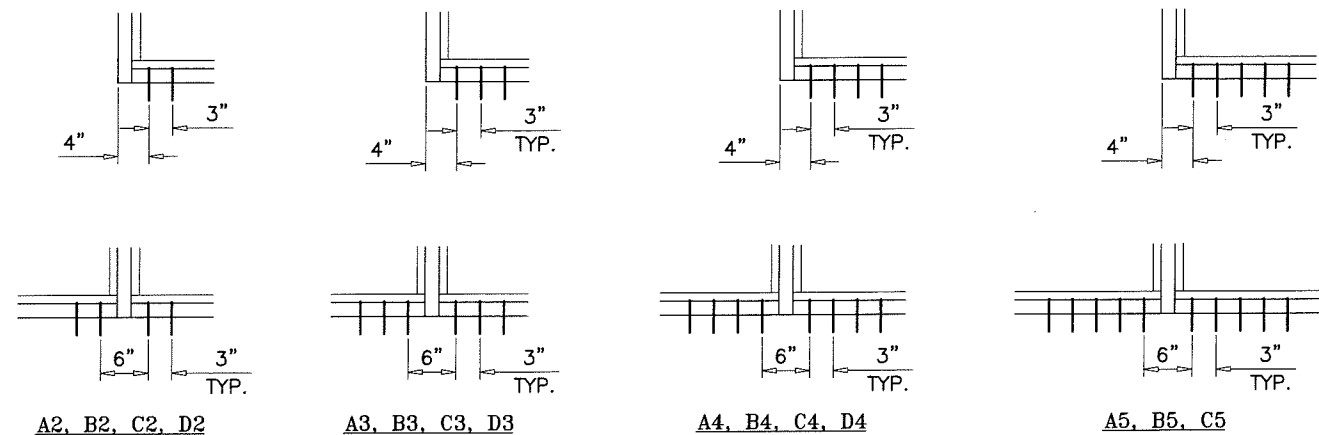
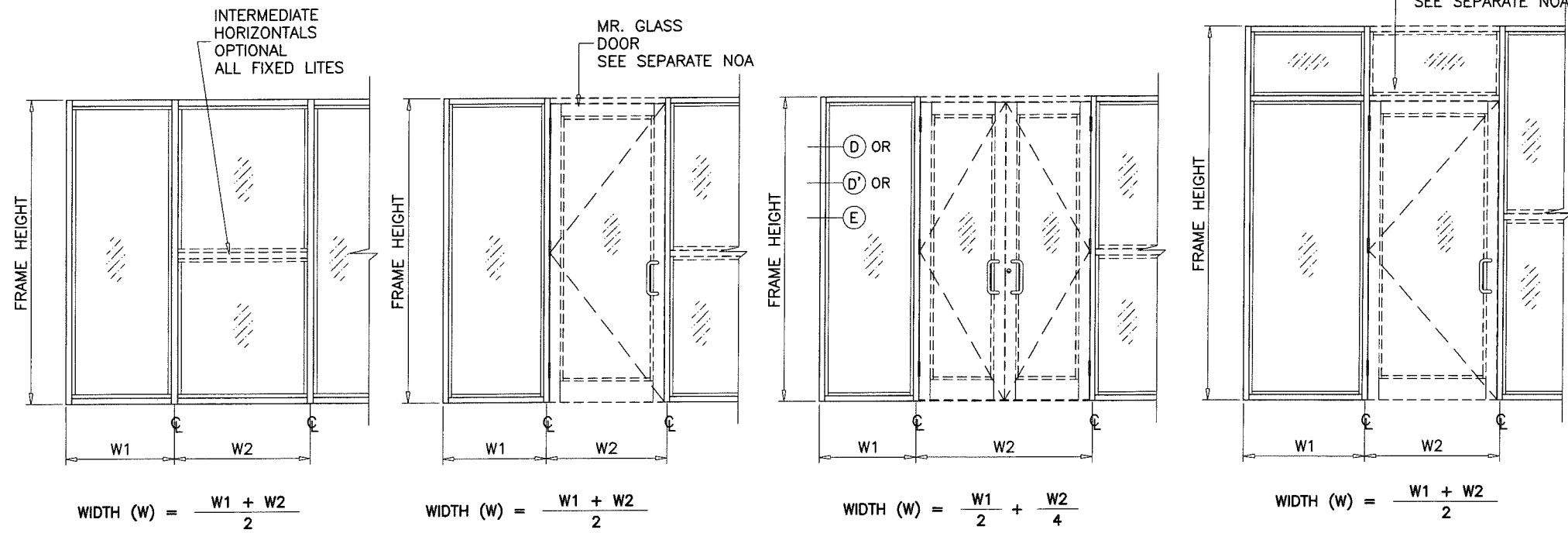
SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:	no	date	description
	A	03.05.12	NO CHANGE THIS SHEET
	B	08.14.15	GENERAL REVISION
	C	02.28.18	UPDATED TO 2017 FBC
	D	06.13.18	NO CHANGE THIS SHEET

date:	07-15-11
scale:	-
dr. by:	TARIQ
chk. by:	

drawing no.
W11-39
sheet 4 of 12

STORE W11-39MG



ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION

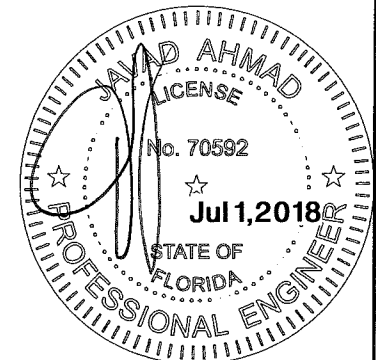
- A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
 B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
 C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
 D2 = (2) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION
- A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
 B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
 C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
 D3 = (3) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION
- A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
 B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
 C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
 D4 = (4) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION
- A5 = (5) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
 B5 = (5) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
 C5 = (5) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

SEE SHEETS 5, 5.1, 5.2 & 7 FOR ANCHOR CAPACITY CHART.
 SEE SHEET 8 FOR ANCHOR DESCRIPTION.

ANCHORS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0314.06
 Expiration Date April 3, 2023
 By *Manuel Perez*
 Miami Code Product Control



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 STORE W11-39MG

SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
 8120 N.W. 84 STREET
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revisions:	no	date	by	description
	A	03.05.12		NO CHANGE THIS SHEET
	B	08.14.15		GENERAL REVISION
	C	02.28.18		UPDATED TO 2017 FBC
	D	06.13.18		NO CHANGE THIS SHEET

date:	07-15-11
scale:	-
dr. by:	TARIQ
chk. by:	

drawing no.	W11-39
sheet	5 of 12

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)																												
NOMINAL DIMS.		ANCHORS TYPE 'A'								ANCHORS TYPE 'B'								ANCHORS TYPE 'C'								1/4" MAX. SHIM		
		3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				ANCHORS TYPE 'D'		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	A5	A2	A3	A4	A5	B2	B3	B4	B5	B2	B3	B4	B5	C2	C3	C4	C5	C2	C3	C4	C5	D2	D3	D4
30"	86-1/2"	61.3	91.9	122.2	130.0	47.9	71.9	95.9	119.9	67.9	101.9	130.0	130.0	53.3	79.9	106.5	130.0	115.9	130.0	130.0	130.0	91.4	130.0	130.0	130.0	130.0	130.0	130.0
36"		51.1	76.6	101.8	127.6	40.0	59.9	79.9	99.9	56.6	84.9	113.2	130.0	44.4	66.6	88.8	111.0	96.6	130.0	130.0	130.0	76.2	114.3	130.0	130.0	130.0	130.0	130.0
42"		43.8	65.6	87.3	109.4	34.2	51.4	68.5	85.6	48.5	72.8	97.0	121.3	38.1	57.1	76.1	95.1	82.8	123.7	130.0	130.0	65.3	98.0	130.0	130.0	124.0	130.0	130.0
48"		38.3	57.4	76.4	95.7	30.0	44.9	59.9	74.9	42.5	63.7	84.9	106.1	33.3	49.9	66.6	83.2	72.4	108.2	130.0	130.0	57.2	85.7	114.3	130.0	108.5	130.0	130.0
54"		34.0	51.1	67.9	85.1	26.6	40.0	53.3	66.6	37.7	56.6	75.5	94.3	29.6	44.4	59.2	74.0	64.4	96.2	128.7	130.0	50.8	76.2	101.6	127.0	96.4	130.0	130.0
60"		30.6	45.9	61.1	76.6	24.0	36.0	47.9	59.9	34.0	50.9	67.9	84.9	26.6	40.0	53.3	66.6	57.9	86.6	115.9	130.0	45.7	68.6	91.4	114.3	86.8	130.0	130.0
30"	90"	58.9	88.3	117.4	130.0	46.1	69.1	92.2	115.2	65.3	97.9	130.0	130.0	51.2	76.8	102.4	128.0	111.4	130.0	130.0	130.0	87.9	130.0	130.0	130.0	130.0	130.0	130.0
36"		49.1	73.6	97.9	122.7	38.4	57.6	76.8	96.0	54.4	81.6	108.8	130.0	42.7	64.0	85.3	106.7	92.8	130.0	130.0	130.0	73.2	109.9	130.0	130.0	130.0	130.0	130.0
42"		42.1	63.1	83.9	105.1	32.9	49.4	65.8	82.3	46.6	69.9	93.3	116.6	36.6	54.9	73.1	91.4	79.5	118.9	130.0	130.0	62.8	94.2	125.6	130.0	119.2	130.0	130.0
48"		36.8	55.2	73.4	92.0	28.8	43.2	57.6	72.0	40.8	61.2	81.6	102.0	32.0	48.0	64.0	80.0	69.6	104.0	130.0	130.0	54.9	82.4	109.9	130.0	104.3	130.0	130.0
54"		32.7	49.1	65.2	81.8	25.6	38.4	51.2	64.0	36.3	54.4	72.5	90.7	28.4	42.7	56.9	71.1	61.9	92.4	123.7	130.0	48.8	73.2	97.7	122.1	92.7	130.0	130.0
60"		29.4	44.2	58.7	73.6	23.0	34.6	46.1	57.6	32.6	49.0	65.3	81.6	25.6	38.4	51.2	64.0	55.7	83.2	111.4	130.0	43.9	65.9	87.9	109.9	83.4	125.1	130.0
30"	96"	55.2	82.8	110.1	130.0	43.2	64.8	86.4	108.0	61.2	91.8	122.4	130.0	48.0	72.0	96.0	120.0	104.4	130.0	130.0	130.0	82.4	123.6	130.0	130.0	130.0	130.0	130.0
36"		46.0	69.0	91.8	115.0	36.0	54.0	72.0	90.0	51.0	76.5	102.0	127.5	40.0	60.0	80.0	100.0	87.0	130.0	130.0	130.0	68.7	103.0	130.0	130.0	130.0	130.0	130.0
42"		39.4	59.1	78.6	98.6	30.9	46.3	61.7	77.1	43.7	65.6	87.4	109.3	34.3	51.4	68.6	85.7	74.6	111.4	130.0	130.0	58.9	88.3	117.7	130.0	111.7	130.0	130.0
48"		34.5	51.8	68.8	86.3	27.0	40.5	54.0	67.5	38.3	57.4	76.5	95.6	30.0	45.0	60.0	75.0	65.3	97.5	130.0	130.0	51.5	77.3	103.0	128.8	97.8	130.0	130.0
54"		30.7	46.0	61.2	76.7	24.0	36.0	48.0	60.0	34.0	51.0	68.0	85.0	26.7	40.0	53.3	66.7	58.0	86.7	116.0	130.0	45.8	68.7	91.6	114.4	86.9	130.0	130.0
60"		27.6	41.4	55.1	69.0	21.6	32.4	43.2	54.0	30.6	45.9	61.2	76.5	24.0	36.0	48.0	60.0	52.2	78.0	104.4	130.0	41.2	61.8	82.4	103.0	78.2	117.3	130.0
30"	98-1/2"	53.8	80.7	107.3	130.0	42.1	63.2	84.2	105.3	59.6	89.5	119.3	130.0	46.8	70.2	93.6	117.0	101.8	130.0	130.0	130.0	80.3	120.5	130.0	130.0	130.0	130.0	130.0
36"		44.8	67.2	89.4	112.1	35.1	52.6	70.2	87.7	49.7	74.6	99.4	124.3	39.0	58.5	78.0	97.5	84.8	126.7	130.0	130.0	66.9	100.4	130.0	130.0	127.0	130.0	130.0
42"		38.4	57.6	76.6	96.1	30.1	45.1	60.1	75.2	42.6	63.9	85.2	106.5	33.4	50.1	66.8	83.5	72.7	108.6	130.0	130.0	57.4	86.0	114.7	130.0	108.9	130.0	130.0
48"		33.6	50.4	67.1	84.1	26.3	39.5	52.6	65.8	37.3	55.9	74.6	93.2	29.2	43.9	58.5	73.1	63.6	95.0	127.2	130.0	50.2	75.3	100.4	125.5	95.3	130.0	130.0
54"		29.9	44.8	59.6	74.7	23.4	35.1	46.8	58.5	33.1	49.7	66.3	82.8	26.0	39.0	52.0	65.0	56.5	84.5	113.1	130.0	44.6	66.9	89.2	111.5	84.7	127.0	130.0
60"		26.9	40.3	53.7	67.2	21.1	31.6	42.1	52.6	29.8	44.7	59.6	74.6	23.4	35.1	46.8	58.5	50.9	76.0	101.8	127.2	40.2	60.2	80.3	100.4	76.2	114.3	130.0
30"	102"	52.0	77.9	103.6	129.9	40.7	61.0	81.3	101.6	57.6	86.4	115.2	130.0	45.2	67.8	90.4	112.9	98.3	130.0	130.0	130.0	77.6	116.3	130.0	130.0	130.0	130.0	130.0
36"		43.3	64.9	86.4	108.2	33.9	50.8	67.8	84.7	48.0	72.0	96.0	120.0	37.6	56.5	75.3	94.1	81.9	122.4	130.0	130.0	64.6	96.9	129.3	130.0	122.7	130.0	130.0
42"		37.1	55.7	74.0	92.8	29.0	43.6	58.1	72.6	41.1	61.7	82.3	102.9	32.3	48.4	64.5	80.7	70.2	104.9	130.0	130.0	55.4	83.1	110.8	130.0	105.1	130.0	130.0
48"		32.5	48.7	64.8	81.2	25.4	38.1	50.8	63.5	36.0	54.0	72.0	90.0	28.2	42.4	56.5	70.6	61.4	91.8	122.8	130.0	48.5	72.7	96.9	121.2	92.0	130.0	130.0
54"		28.9	43.3	57.6	72.2	22.6	33.9	45.2	56.5	32.0	48.0	64.0	80.0	25.1	37.6	50.2	62.7	54.6	81.6	109.2	130.0	43.1	64.6	86.2	107.7	81.8	122.7	130.0
60"		26.0	39.0	51.8	64.9	20.3	30.5	40.7	50.8	28.8	43.2	57.6	72.0	22.6	33.9	45.2	56.5	49.1	73.4	98.3	122.8	38.8	58.2	77.6	96.9	73.6	110.4	130.0
30"	108"	49.1	73.6	97.9	122.7	38.4	57.6	76.8	96.0	54.4	81.6	108.8	130.0	42.7	64.0	85.3	106.7	92.8	130.0	130.0	130.0	73.2	109.9	130.0	130.0	130.0	130.0	130.0
36"		40.9	61.3	81.6	102.2	32.0	48.0	64.0	80.0	45.3	68.0	90.7	113.3	35.6	53.3	71.1	88.9	77.3	115.6	130.0	130.0	61.0	91.6	122.1	130.0	115.9	130.0	130.0
42"		35.0	52.6	69.9	87.6	27.4	41.1	54.9	68.6	38.9	58.3	77.7	97.1	30.5	45.7	61.0	76.2	66.3	99.0	130.0	130.0	52.3	78.5	104.6	130.0	99.3	130.0	130.0
48"		30.7	46.0	61.2	76.7	24.0	36.0	48.0	60.0	34.0	51.0	68.0	85.0	26.7	40.0													

ANCHOR LOAD CAPACITY – PSF EXT.(+) & INT.(-)																												
NOMINAL DIMS.		ANCHORS TYPE 'A'								ANCHORS TYPE 'B'								ANCHORS TYPE 'C'								1/4" MAX. SHIM		
		3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				ANCHORS TYPE 'D'		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	A5	A2	A3	A4	A5	B2	B3	B4	B5	B2	B3	B4	B5	C2	C3	C4	C5	C2	C3	C4	C5	D2	D3	D4
30"	120"	44.2	66.2	88.1	110.4	34.6	51.8	69.1	86.4	49.0	73.4	97.9	122.4	38.4	57.6	76.8	96.0	83.5	124.8	130.0	130.0	65.9	98.9	130.0	130.0	125.1	130.0	130.0
36"		36.8	55.2	73.4	92.0	28.8	43.2	57.6	72.0	40.8	61.2	81.6	102.0	32.0	48.0	64.0	80.0	69.6	104.0	130.0	130.0	54.9	82.4	109.9	130.0	104.3	130.0	130.0
42"		31.5	47.3	62.9	78.9	24.7	37.0	49.4	61.7	35.0	52.5	69.9	87.4	27.4	41.1	54.9	68.6	59.7	89.1	119.3	130.0	47.1	70.6	94.2	117.7	89.4	130.0	130.0
48"		27.6	41.4	55.1	69.0	21.6	32.4	43.2	54.0	30.6	45.9	61.2	76.5	24.0	36.0	48.0	60.0	52.2	78.0	104.4	130.0	41.2	61.8	82.4	103.0	78.2	117.3	130.0
54"		24.5	36.8	48.9	61.3	–	28.8	38.4	48.0	27.2	40.8	54.4	68.0	21.3	32.0	42.7	53.3	46.4	69.3	90.0	90.0	36.6	54.9	73.2	90.0	69.5	90.0	90.0
30"	126"	42.1	63.1	83.9	90.0	32.9	49.4	65.8	82.3	46.6	69.9	90.0	90.0	36.6	54.9	73.1	90.0	79.5	90.0	90.0	90.0	62.8	90.0	90.0	90.0	90.0	90.0	90.0
36"		35.0	52.6	69.9	87.6	27.4	41.1	54.9	68.6	38.9	58.3	77.7	90.0	30.5	45.7	61.0	76.2	66.3	90.0	90.0	90.0	52.3	78.5	90.0	90.0	90.0	90.0	90.0
42"		30.0	45.1	59.9	75.1	23.5	35.3	47.0	58.8	33.3	50.0	66.6	83.3	26.1	39.2	52.2	65.3	56.8	84.9	90.0	90.0	44.8	67.3	89.7	90.0	85.1	90.0	90.0
48"		26.3	39.4	52.4	65.7	20.6	30.9	41.1	51.4	29.1	43.7	58.3	72.9	22.9	34.3	45.7	57.1	49.7	74.3	90.0	90.0	39.2	58.9	78.5	90.0	74.5	90.0	90.0
54"		23.4	35.0	46.6	58.4	–	27.4	36.6	45.7	25.9	38.9	51.8	64.8	20.3	30.5	40.6	50.8	44.2	66.0	88.4	90.0	34.9	52.3	69.8	87.2	66.2	90.0	90.0
30"	132"	40.1	60.2	80.1	90.0	31.4	47.1	62.8	78.5	44.5	66.8	89.0	90.0	34.9	52.4	69.8	87.3	75.9	90.0	90.0	90.0	59.9	89.9	90.0	90.0	90.0	90.0	90.0
36"		33.5	50.2	66.7	83.6	26.2	39.3	52.4	65.5	37.1	55.6	74.2	90.0	29.1	43.6	58.2	72.7	63.3	90.0	90.0	90.0	49.9	74.9	90.0	90.0	90.0	90.0	90.0
42"		28.7	43.0	57.2	71.7	22.4	33.7	44.9	56.1	31.8	47.7	63.6	79.5	24.9	37.4	49.9	62.3	54.2	81.0	90.0	90.0	42.8	64.2	85.6	90.0	81.2	90.0	90.0
48"		25.1	37.6	50.0	62.7	–	29.5	39.3	49.1	27.8	41.7	55.6	69.5	21.8	32.7	43.6	54.5	47.5	70.9	90.0	90.0	37.5	56.2	74.9	90.0	71.1	90.0	90.0
30"	138"	38.4	57.6	76.6	90.0	30.1	45.1	60.1	75.1																			

Figure 10: Typical Reinforcement Details for Slab Edge Beams. The figure shows eight cross-sectional diagrams of slab edge beams, labeled A4, B4, C4, A5, B5, C5, A6, B6, C6, and A7, B7. Each diagram illustrates the placement of reinforcement bars (top and bottom) and the dimensions of the beam and slab. Dimensions include 4 inches, 3 inches, and 6 inches, with 'TYP.' indicating typical spacing.

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

A circular professional engineer seal for Jayad Ahmad. The outer ring contains the text "PROFESSIONAL ENGINEER" at the bottom and "JAYAD AHMAD" at the top. Inside the ring, the word "LICENSE" is at the top, "No. 70592" is in the center, and "STATE OF FLORIDA" is at the bottom. A large, stylized signature "JA" is written across the seal. To the right of the signature, the expiration date "Jul 1, 2018" is stamped. Three stars are positioned around the central text: one on the left, one in the center, and one on the right.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314.06
Expiration Date April 3, 2023
By Manuel Perez
Miami Dade Product Control

SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.M.I.)

MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

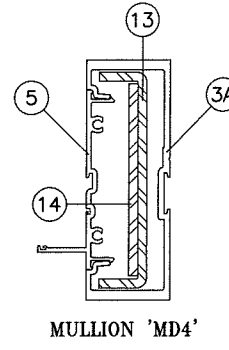
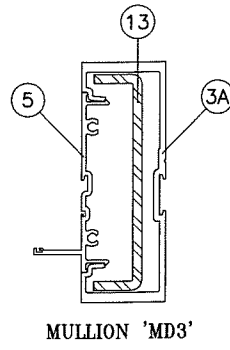
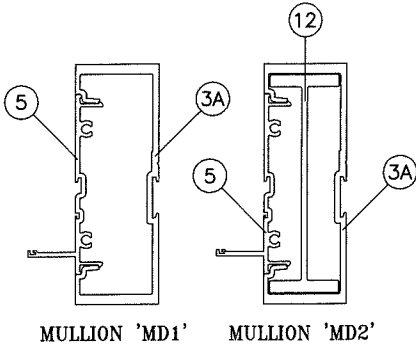
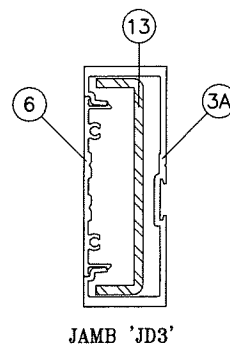
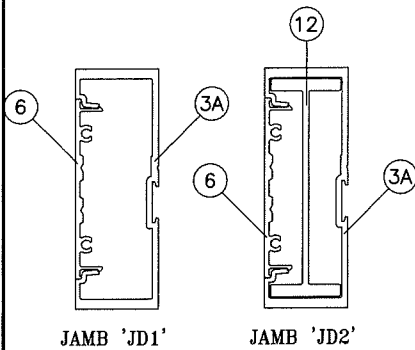
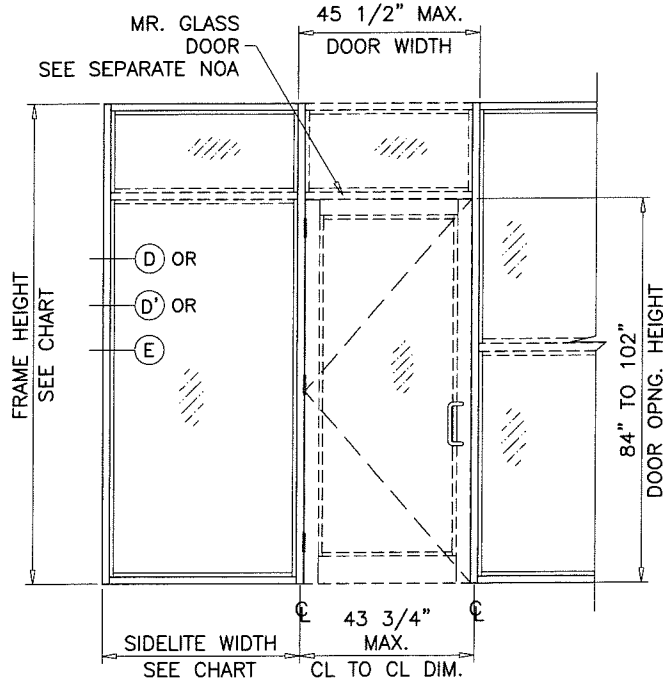
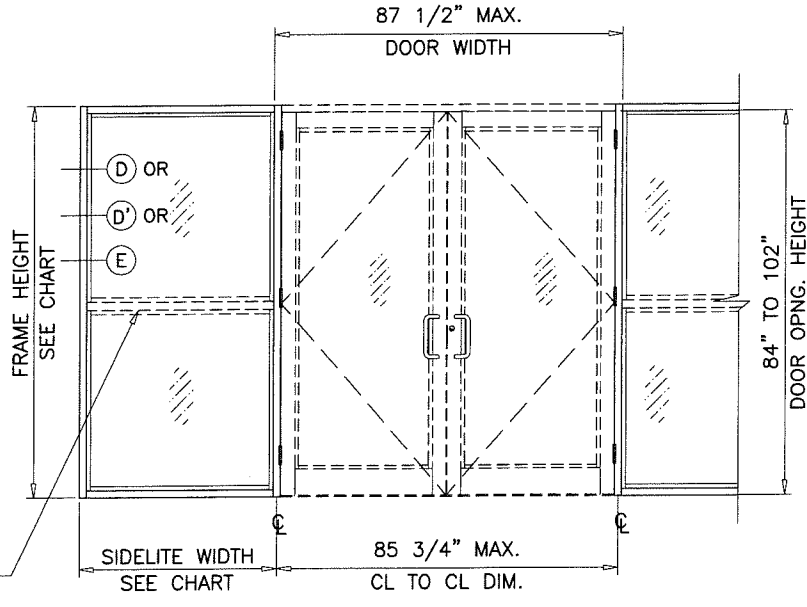
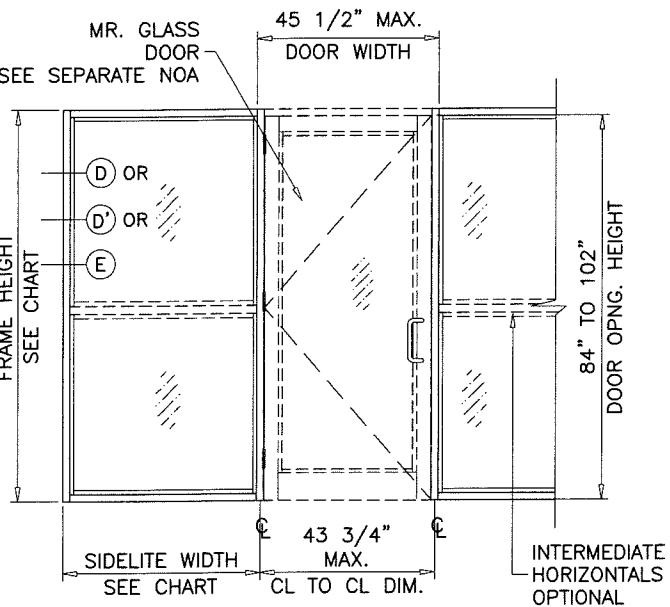
10. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

$\mathcal{H}_1 = \{ \mathbf{h}_1, \mathbf{h}_2, \dots, \mathbf{h}_M \}$ and $\mathcal{H}_2 = \{ \mathbf{h}_{M+1}, \mathbf{h}_{M+2}, \dots, \mathbf{h}_{M+N} \}$ are the two sets of hypotheses. The test statistic is defined as $T(\mathbf{y}) = \sum_{i=1}^M \mathbf{y}^T \mathbf{h}_i$. The decision rule is to choose $\mathcal{H}_1$ if $T(\mathbf{y}) \geq \tau$ and $\mathcal{H}_2$ otherwise. The threshold τ is chosen such that the probability of false alarm is α . The probability of detection is β . The ROC curve is the plot of β versus α . The AUC is the area under the ROC curve. The AUC is a measure of the performance of the classifier. The AUC is 0.5 for a random classifier and 1.0 for a perfect classifier. The AUC is 0.75 for a good classifier. The AUC is 0.6 for a fair classifier. The AUC is 0.55 for a poor classifier. The AUC is 0.52 for a very poor classifier. The AUC is 0.51 for a random classifier.

W. 7103

OWNER NAME _____

DOOR MULLION LOAD CAPACITY-PSF					
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	JAMB 'JD1' MULL 'MD1'	JAMB 'JD1' MULL 'MD2'	JAMB 'JD2' JAMB 'JD3' MULL 'MD3'	JAMB 'JD3' MULL 'MD4'
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
32	86-1/2	120.0	120.0	120.0	120.0
36		120.0	120.0	120.0	120.0
42		120.0	120.0	120.0	120.0
48		120.0	120.0	120.0	120.0
54		120.0	120.0	120.0	120.0
60		120.0	120.0	120.0	120.0
32	98-1/2	112.6	120.0	120.0	120.0
36		107.1	120.0	120.0	120.0
42		99.7	120.0	120.0	120.0
48		93.3	120.0	120.0	120.0
54		87.7	120.0	116.1	120.0
60					
32	110-1/2	79.8	120.0	118.5	120.0
36		75.8	120.0	112.6	120.0
42		70.6	113.6	104.9	120.0
48		66.1	106.3	98.2	120.0



Ix IN ⁴	Sx IN ³	Ix IN ⁴	Sx IN ³
6.570	2.7226	10.6577	3.8057

ALUMINUM	6.570	2.7226
STEEL	2.7506	1.2224
TOTAL		
Ix ALUM + Ix STL X 2.9	14.5467	

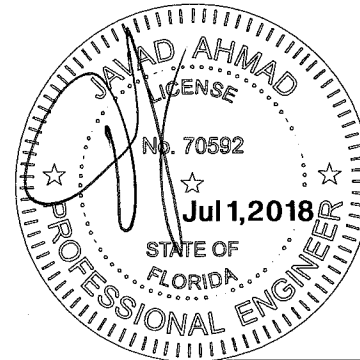
Ix IN ⁴	Sx IN ³	Ix IN ⁴	Sx IN ³
6.7195	2.6757	10.8072	4.4788

ALUMINUM	6.7195	2.6757
STEEL	2.7506	1.224
TOTAL		
Ix ALUM + Ix STL X 2.9	14.6962	

ALUMINUM	6.7195	2.6757
STEEL	3.7533	1.668
TOTAL		
Ix ALUM + Ix STL X 2.9	17.6041	

DOOR-WINDOW WALL
TRANSITION MULLION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314-06
Expiration Date April 3, 2023
By *Manuel Ruiz*
Miami Dade Product Control



DOOR MULLION LOAD CAPACITY-PSF					
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	JAMB 'JD1' MULL 'MD1'	JAMB 'JD1' MULL 'MD2'	JAMB 'JD2' JAMB 'JD3' MULL 'MD3'	JAMB 'JD3' MULL 'MD4'
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
32	98-1/2	90.0	90.0	90.0	90.0
36		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
54		87.7	90.0	90.0	90.0
32	110-1/2	79.8	90.0	90.0	90.0
36		75.8	90.0	90.0	90.0
42		70.6	90.0	90.0	90.0
48	114	66.1	90.0	90.0	90.0
32		72.6	90.0	90.0	90.0
36		69.1	90.0	90.0	90.0
42	120	64.3	90.0	90.0	90.0
48		60.2	90.0	90.0	90.0
32		62.3	90.0	90.0	90.0
36		59.2	90.0	90.0	90.0
42		55.2	88.7	89.1	90.0
48		51.6	83.0	83.4	90.0

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.M.I.)

MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

no	date	description
A	03.05.12	NO CHANGE THIS SHEET
B	08.14.15	GENERAL REVISION
C	02.28.18	UPDATED TO 2017 FBC
D	06.13.18	NO CHANGE THIS SHEET

date: 07-15-11

scale: -

dr. by: TARIQ

chk. by:

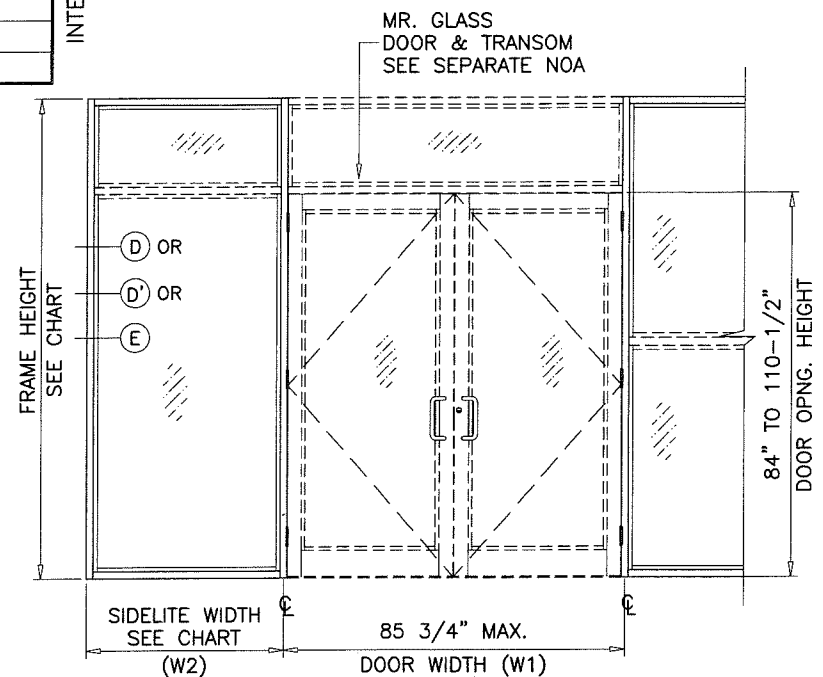
drawing no. **W11-39**

sheet 6 of 12

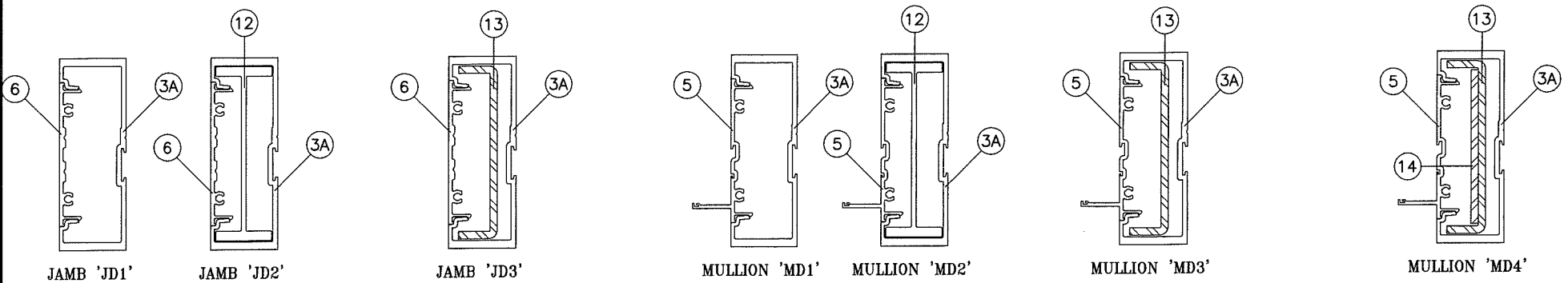
DOOR MULLION LOAD CAPACITY - PSF							
NOMINAL DIMS.				JAMB 'JD1' MULL 'MD1'	JAMB 'JD1' MULL 'MD2'	JAMB 'JD2' JAMB 'JD3' MULL 'MD3'	JAMB 'JD3' MULL 'MD4'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
85-3/4	30	96	84	90.0	90.0	90.0	90.0
	36			90.0	90.0	90.0	90.0
	42			90.0	90.0	90.0	90.0
	48			90.0	90.0	90.0	90.0
	54			90.0	90.0	90.0	90.0
	60			85.7	90.0	90.0	90.0
	30	102		90.0	90.0	90.0	90.0
	36			86.9	90.0	90.0	90.0
	42			81.5	90.0	90.0	90.0
	48			76.7	90.0	90.0	90.0
	54			72.5	90.0	89.0	90.0
	30	108		74.2	90.0	90.0	90.0
	36			69.5	90.0	89.1	90.0
	42			65.4	90.0	84.4	90.0
	48			61.7	90.0	80.2	90.0
	30	114		60.2	90.0	81.7	90.0
	36			56.6	90.0	77.4	90.0
	42			53.3	85.8	73.4	87.8
	48			50.5	81.2	69.9	83.5
	30	120		49.7	80.0	71.9	85.9
	36			46.8	75.3	68.1	81.5
	42			44.2	71.2	64.8	77.4
	48			41.9	67.5	61.7	73.8
	85-3/4	30		102	90	90.0	90.0
36		90.0	90.0			90.0	90.0
42		86.6	90.0			90.0	90.0
48		81.2	90.0			90.0	90.0
54		76.5	90.0			90.0	90.0
30		108	79.3	90.0		90.0	90.0
36			74.0	90.0		90.0	90.0
42			69.3	90.0		88.9	90.0
48			65.2	90.0		84.3	90.0
30		114	63.9	90.0		85.6	90.0
36			59.9	90.0		80.8	90.0
42			56.3	90.0		76.5	90.0
48			53.1	85.4		72.7	86.9
30		120	52.4	84.2		74.5	89.1
36			49.2	79.1		70.5	84.3
42			46.3	74.5		66.9	80.0
48			43.8	70.5		63.6	76.1

DOOR MULLION LOAD CAPACITY - PSF							
NOMINAL DIMS.				JAMB 'JD1' MULL 'MD1'	JAMB 'JD1' MULL 'MD2'	JAMB 'JD2' JAMB 'JD3' MULL 'MD3'	JAMB 'JD3' MULL 'MD4'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
85-3/4	30	108	96	84.6	90.0	90.0	90.0
	36			78.6	90.0	90.0	90.0
	42			73.4	90.0	90.0	90.0
	48			68.8	90.0	89.7	90.0
	30	114		68.2	90.0	90.0	90.0
	36			63.5	90.0	85.3	90.0
	42			59.5	90.0	80.6	90.0
	48			56.0	90.0	76.3	90.0
	30	120		55.5	89.3	78.0	90.0
	36			51.9	83.5	73.6	88.0
	42			48.8	78.5	69.7	83.3
	48			46.0	74.0	66.2	79.1
85-3/4	30	114	102	72.4	90.0	90.0	90.0
	36			67.2	90.0	90.0	90.0
	42			62.7	90.0	85.9	90.0
	48			58.8	90.0	81.1	90.0
	30	120		59.0	90.0	82.6	90.0
	36			55.0	88.4	77.7	90.0
	42			51.5	82.8	73.3	87.7
	48			48.4	77.8	69.4	83.0
85-3/4	30	120	110-1/2	63.7	90.0	90.0	90.0
	36			59.0	90.0	85.7	90.0
	42			55.0	88.4	80.4	90.0
	48			51.5	82.8	75.7	90.0

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



DOOR-WINDOWALL TRANSITION MULLION



Ix IN ⁴	Sx IN ³	Ix IN ⁴	Sx IN ³	ALUMINUM	Ix IN ⁴	Sx IN ³	ALUMINUM	Ix IN ⁴	Sx IN ³	ALUMINUM	Ix IN ⁴	Sx IN ³	ALUMINUM	Ix IN ⁴	Sx IN ³	ALUMINUM
6.570	2.7226	10.6577	3.8057	6.570	2.7226	6.7195	2.6757	10.8072	4.4788	6.7195	2.6757	3.7533	1.668	17.6041		
STEEL		STEEL		STEEL		STEEL		STEEL		STEEL		STEEL		STEEL		
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		
Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		Ix ALUM + Ix STL X 2.9		

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 18-0314-06
Expiration Date April 13, 2023
By *Manuel Siles*
Miami Dade Product Control



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revisions:

no	date	description
A	03.05.12	NO CHANGE THIS SHEET
B	08.14.15	GENERAL REVISION
C	02.28.18	UPDATED TO 2017 FBC
D	06.13.18	NO CHANGE THIS SHEET

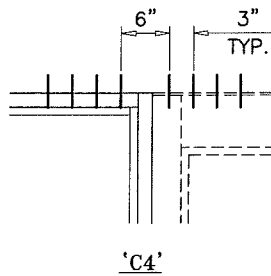
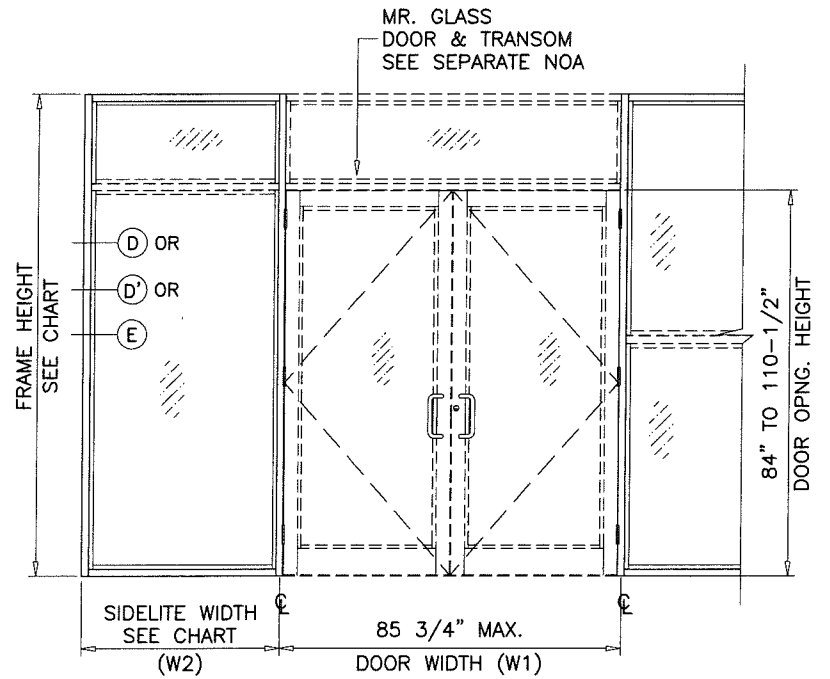
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scale: -
dr. by: TARIQ
chk. by:

drawing no.
W11-39
sheet 6.1 of 12

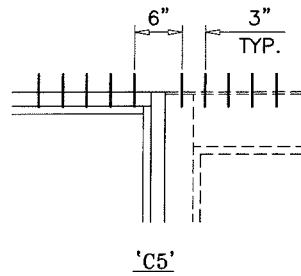
DOOR MULLION HEAD ANCHOR LOAD CAPACITY – PSF						
NOMINAL DIMS.				'C4'	'C5'	'C6'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)
85–3/4	30	96	84	89.6	90.0	90.0
	36			85.0	90.0	90.0
	42			80.8	90.0	90.0
	48			77.0	90.0	90.0
	54			73.6	90.0	90.0
	60			70.4	88.0	90.0
	30	102		86.0	90.0	90.0
	36			81.5	90.0	90.0
	42			77.4	90.0	90.0
	48			73.8	90.0	90.0
	54			70.4	88.0	90.0
	30			108	82.7	90.0
	36	78.3			90.0	90.0
	42	74.3			90.0	90.0
	48	70.8			88.4	90.0
	30	114		79.7	90.0	90.0
	36			75.4	90.0	90.0
	42			71.5	89.4	90.0
	48			68.0	85.0	90.0
	30	120		76.9	90.0	90.0
36	72.6		90.0	90.0		
42	68.9		86.1	90.0		
48	65.4		81.8	90.0		
85–3/4	30	102	90	84.1	90.0	90.0
	36			79.7	90.0	90.0
	42			75.8	90.0	90.0
	48			72.3	90.0	90.0
	54			69.1	86.4	90.0
	30	108		80.9	90.0	90.0
	36			76.7	90.0	90.0
	42			72.9	90.0	90.0
	48			69.4	86.8	90.0
	30	114		78.0	90.0	90.0
	36			73.9	90.0	90.0
	42			70.1	87.7	90.0
	48			66.8	83.5	90.0
	30	120		75.3	90.0	90.0
	36			71.2	89.1	90.0
	42			67.6	84.5	90.0
	48			64.3	80.4	90.0

DOOR MULLION HEAD ANCHOR LOAD CAPACITY – PSF						
NOMINAL DIMS.				'C4'	'C5'	'C6'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)
85–3/4	30	108	96	79.2	90.0	90.0
	36			75.1	90.0	90.0
	42			71.5	89.3	90.0
	48			68.1	85.2	90.0
	30	114		76.4	90.0	90.0
	36			72.4	90.0	90.0
	42			68.8	86.0	90.0
	48			65.6	82.0	90.0
	30	120		73.8	90.0	90.0
	36			69.9	87.4	90.0
	42			66.4	83.0	90.0
	48			63.2	79.0	90.0
85–3/4	30	114	102	74.9	90.0	90.0
	36			71.0	88.8	90.0
	42			67.6	84.5	90.0
	48			64.4	80.5	90.0
	30	120		72.4	90.0	90.0
	36			68.6	85.7	90.0
	42			65.2	81.5	90.0
	48			62.1	77.7	90.0
85–3/4	30	120	110–1/2	70.4	88.0	90.0
	36			66.8	83.5	90.0
	42			63.6	79.5	90.0
	48			60.7	75.9	90.0

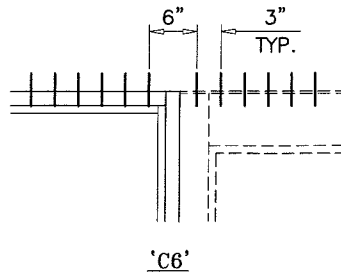
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



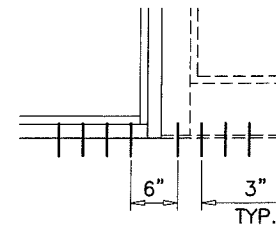
'C4'



'C5'



'C6'



'C4' AT SILL ALL CASES

ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION

C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION

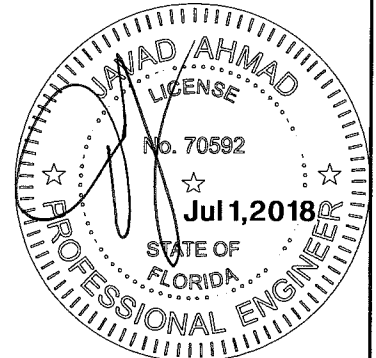
C5 = (5) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION

C6 = (6) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

TRANSITION MULLION ANCHORS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314.06
Expiration Date April 3, 2023
By *Manuel Perez*
Miami Dade Product Control



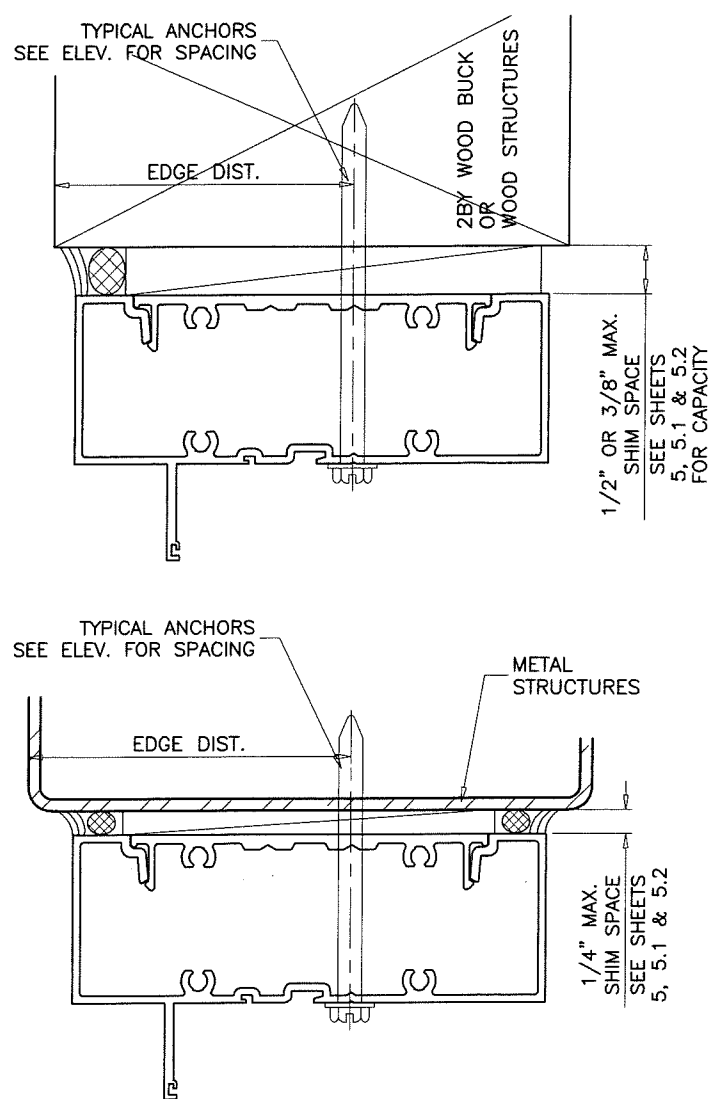
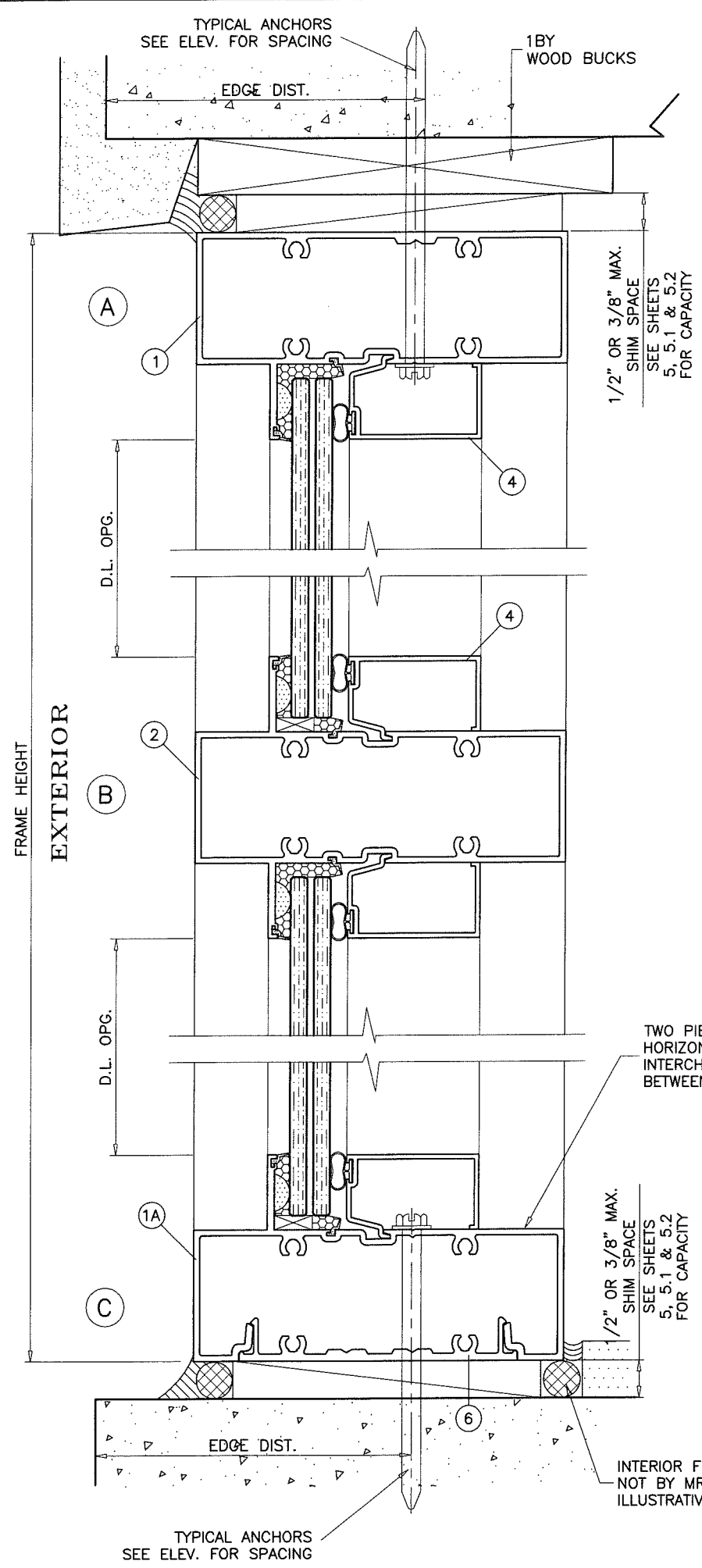
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

no	date	by	description
A	03.05.12		NO CHANGE THIS SHEET
B	08.14.15		GENERAL REVISION
C	02.28.18		UPDATED TO 2017 FBC
D	06.13.18		NO CHANGE THIS SHEET

date: 07-15-11
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W11-39
sheet 7 of 12



SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

WOOD BUCKS AND METAL STRUCTURES NOT BY E.S. WDW. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'— 1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.

ANCHOR EDGE DISTANCES
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

TYPE 'B'— 1/4" DIA KWIK CON II BY 'HILTI' (Fu=163 KSI, Fy=157 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.

ANCHOR EDGE DISTANCES
 INTO CONCRETE AND MASONRY = 3" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

TYPE 'C'— 5/16" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.

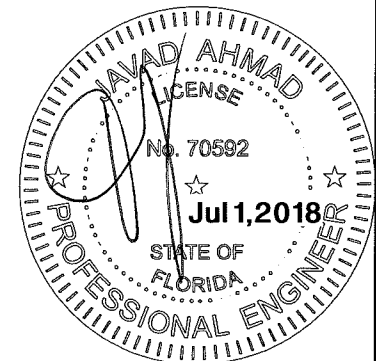
ANCHOR EDGE DISTANCES
 INTO CONCRETE AND MASONRY = 3" MIN.
 INTO WOOD STRUCTURE = 1-1/4" MIN.

TYPE 'D'— 1/4" DIA. TEKS OR SELF DRILLING SCREWS ST/ST (GRADE 5 CRS)
 INTO METAL STRUCTURES
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES
 INTO METAL STRUCTURE = 1/2" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0314.06
 Expiration Date April 3, 2023
 By: *Muhammad Jery*
 Miami Dade Product Control



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 262-6978 FAX. (305) 262-6978

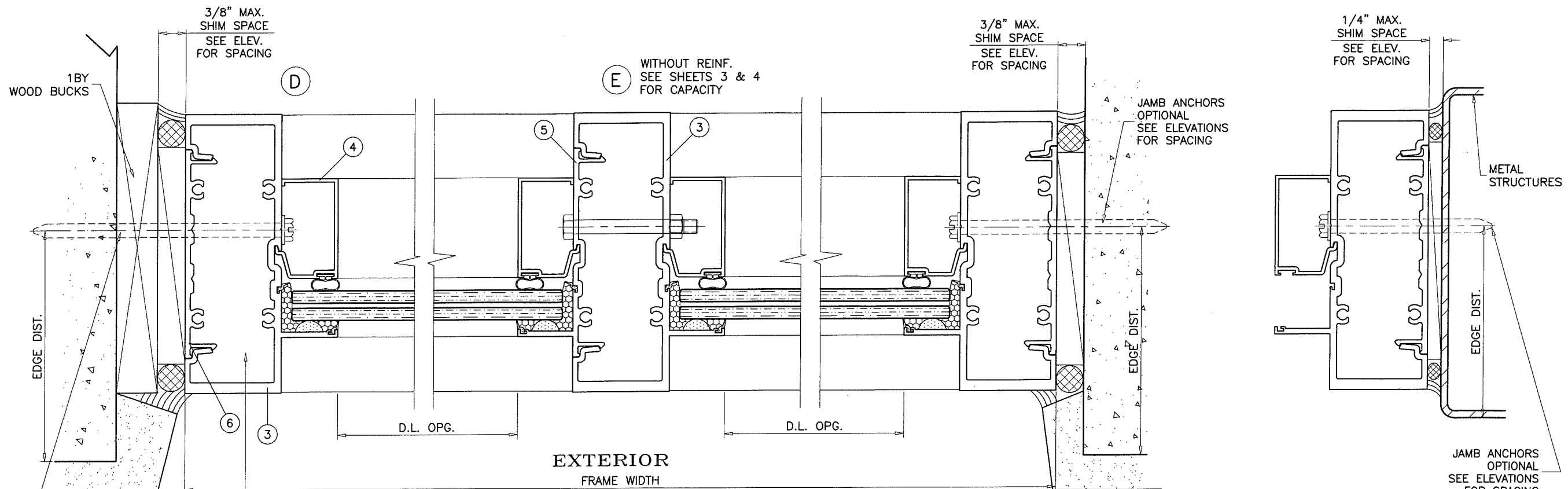
STORE W11-39MG

SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
 8120 N.W. 84 STREET
 MEDLEY, FL. 33166
 TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:	no	date	by	description
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	C	02.28.18		UPDATED TO 2017 FBC
	D	06.13.18		REV. PER RER COMMENTS

date: 07-15-11
 scale: 1/2" = 1"
 dr. by: TARIO
 chk. by:

drawing no.
W11-39
 sheet 8 of 12



JAMB ANCHORS
OPTIONAL
SEE ELEVATIONS
FOR SPACING

ANCHORED JAMBS
DO NOT REQUIRE REINFORCING

UNANCHORED JAMBS
MAY REQUIRE REINFORCING
SEE CHARTS

GAP
1-1/8" MAX.
1/4" MIN.

D' ALUM REINF.
SEE SHEETS 3 & 4
FOR CAPACITY

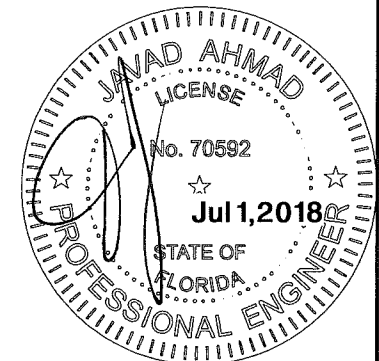
1/4" DIA. BOLTS WITH NUTS
AT 6" FROM ENDS
AND 18-1/2" O.C. MAX.

E ALUM REINF.
SEE SHEETS 3 & 4
FOR CAPACITY

E STEEL REINF.
SEE SHEETS 3 & 4
FOR CAPACITY

FINISHES
NOT BY MR. GLASS
ILLUSTRATIVE ONLY

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 18-0314.06
Expiration Date April 3, 2023
By *Wahad Jerez*
Miami Dade Product Control



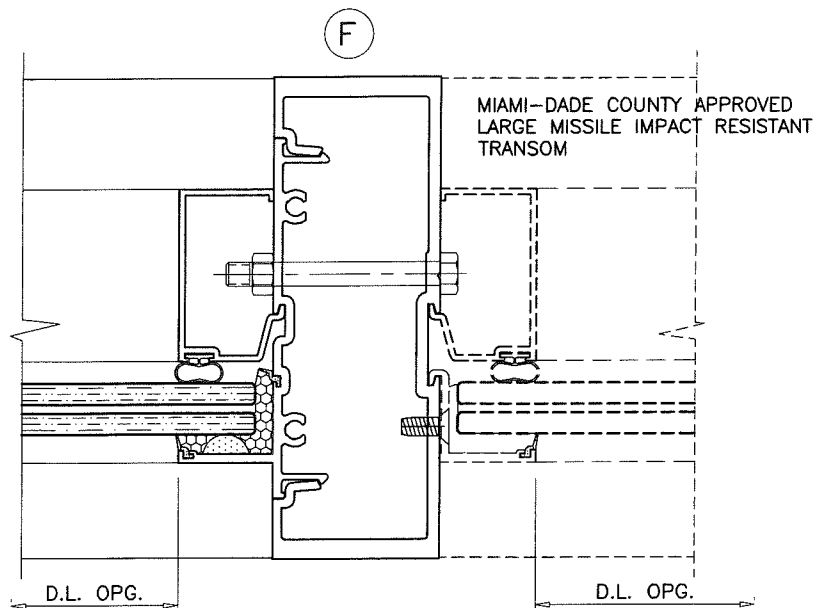
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
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STORE W11-39MG

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MEDLEY, FL. 33166
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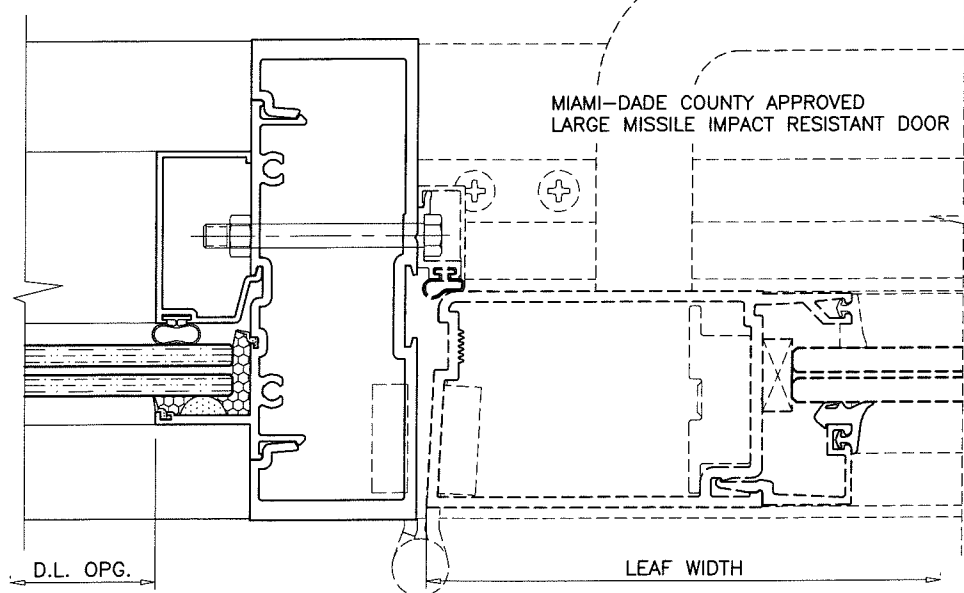
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scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

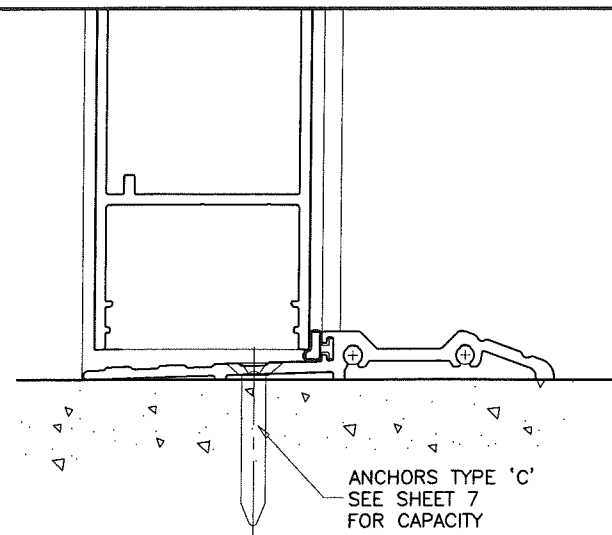
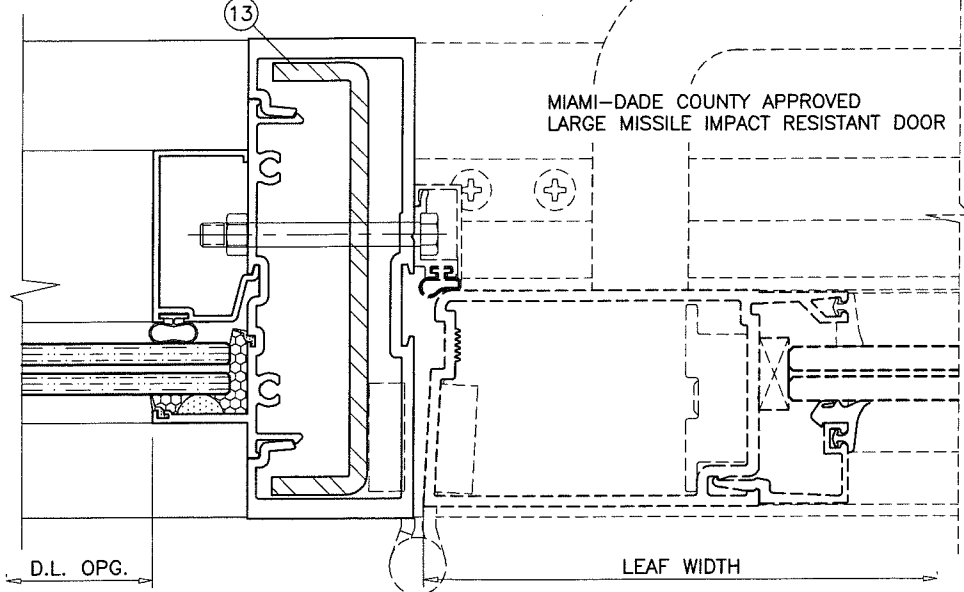
drawing no.	W11-39
sheet	9 of 12



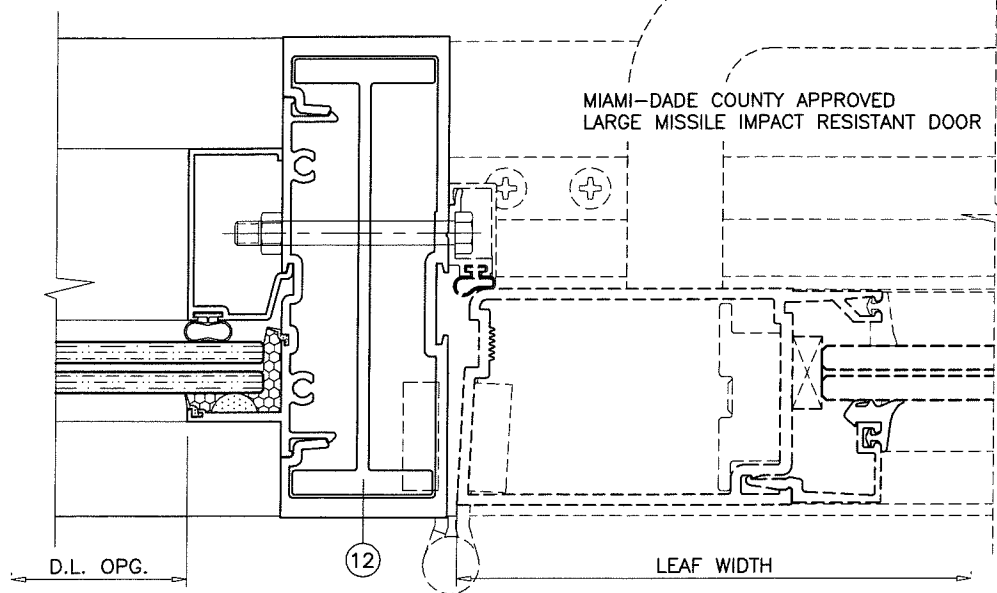
G WITHOUT REINF.
SEE SHEETS 6 & 6.1
FOR CAPACITY



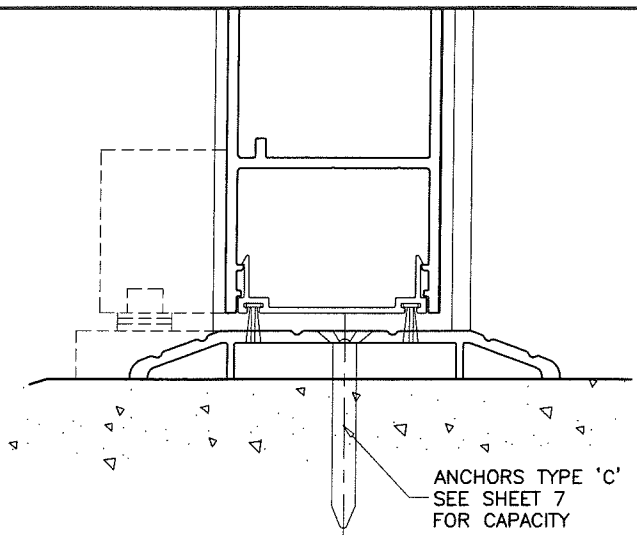
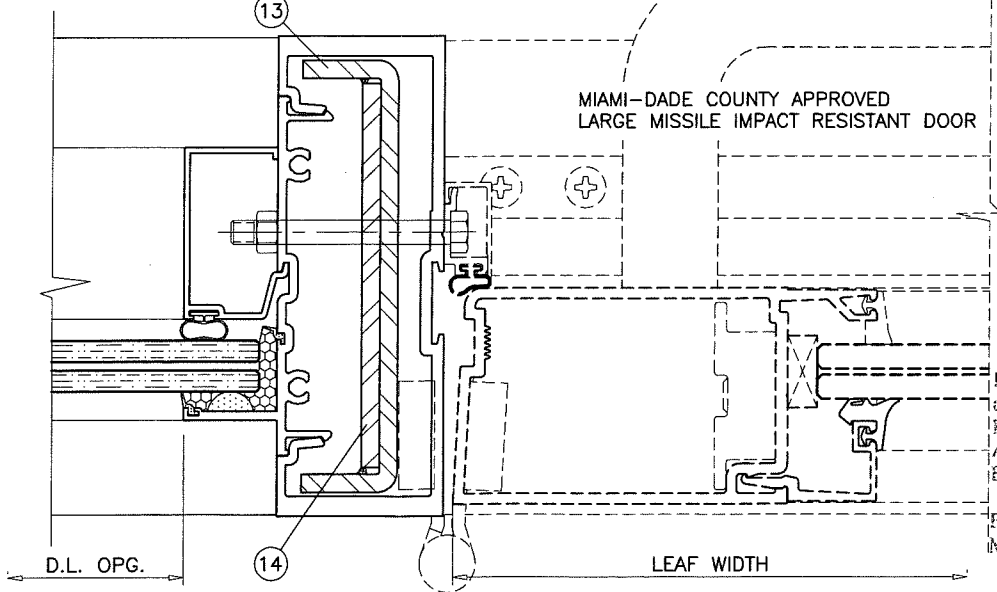
G STEEL REINF.
SEE SHEETS 6 & 6.1
FOR CAPACITY



G ALUM REINF.
SEE SHEETS 6 & 6.1
FOR CAPACITY



G STEEL REINF.
SEE SHEETS 6 & 6.1
FOR CAPACITY



SEE SEPARATE NOA FOR DESIGN LOAD
CAPACITY OF DOORS AND DOOR ANCHORS.
LOWER VALUES FROM DOORS NOA
OR STOREFRONT SYSTEM CAPACITY CHARTS
WILL APPLY TO ENTIRE SYSTEM.

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 18-0314.06
Expiration Date Apr 13, 2023
By *Manuel Perez*
Miami Dade Product Control

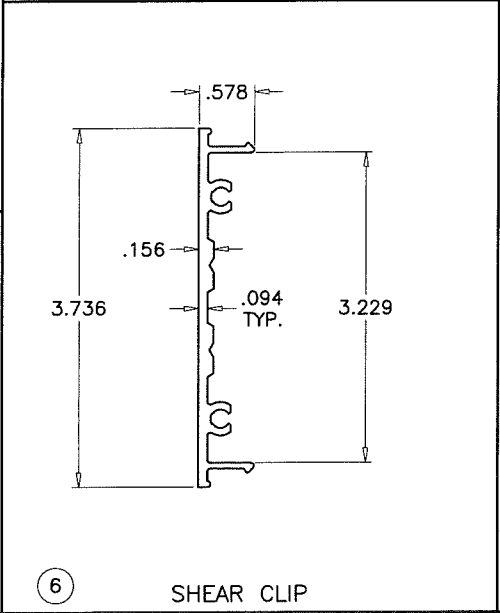
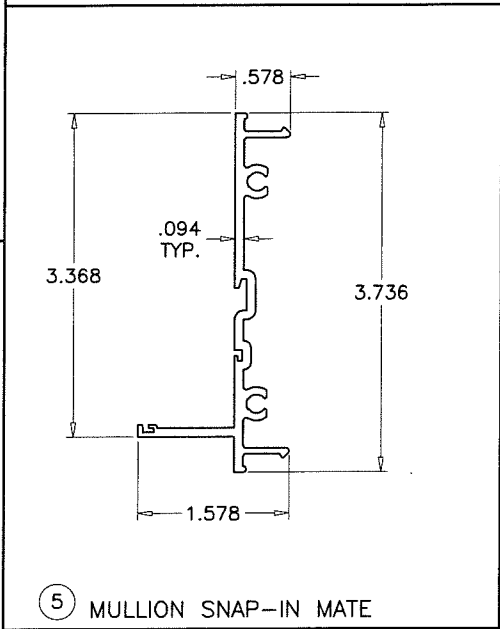
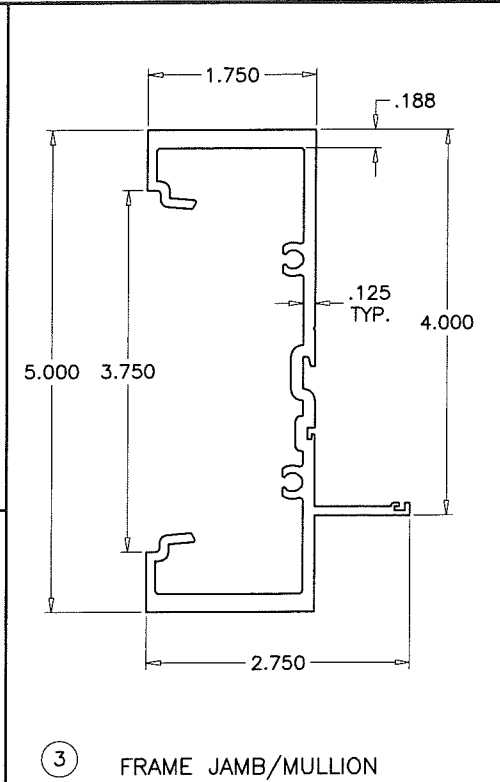
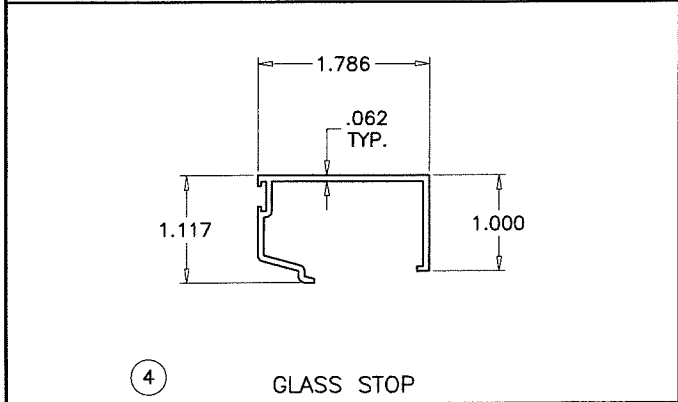
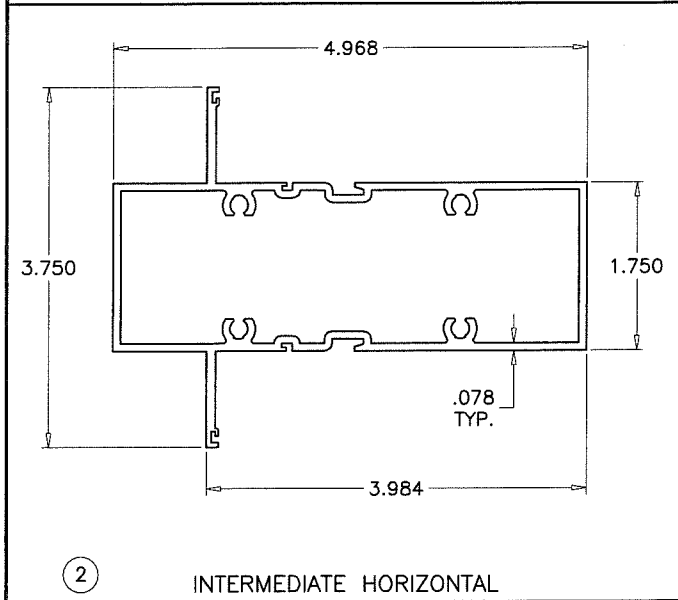
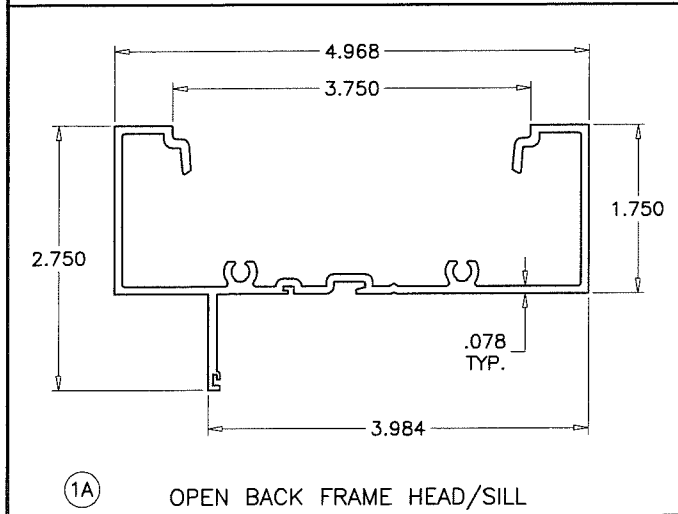
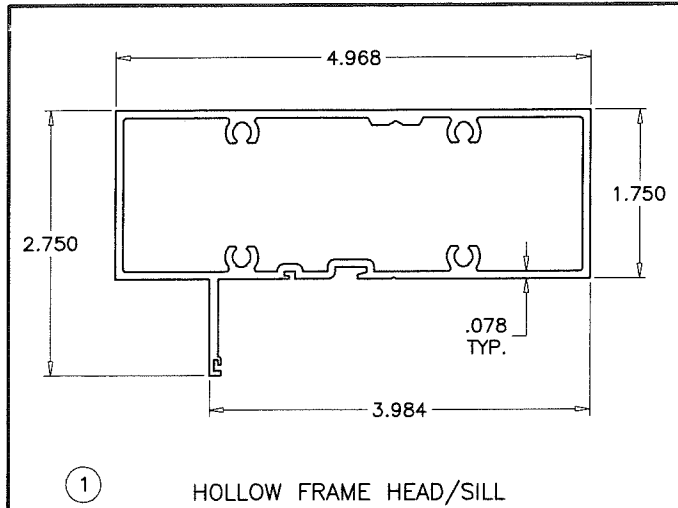


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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

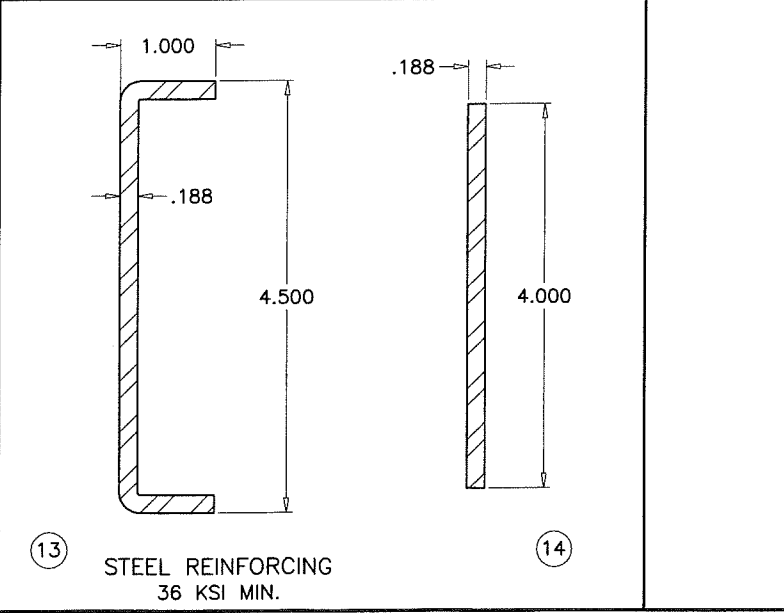
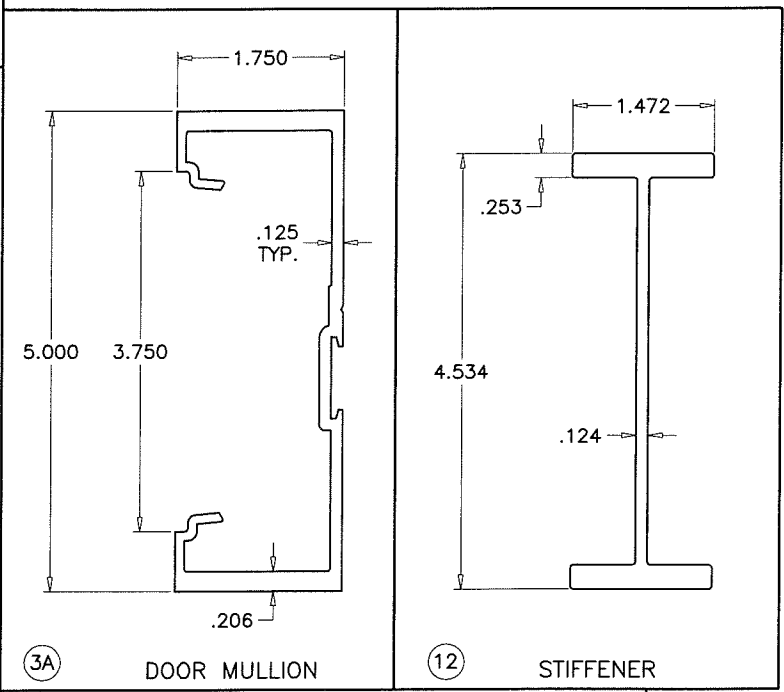
SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:		by	description
no	date		
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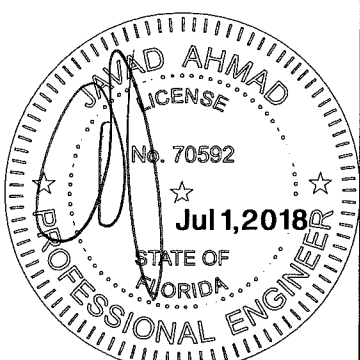
date: 07-15-11	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:
drawing no. W11-39		sheet 10 of 12	



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES8005	AS REQD.	HOLLOW FRAME HEAD/SILL	6005-T5	-
1A	ES8007	AS REQD.	OPEN BACK FRAME HEAD/SILL	6063-T6	-
2	ES8004	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6	-
3	ES8001	AS REQD.	FRAME JAMB/MULLION	6005-T5	-
3A	-	AS REQD.	DOOR MULLION	6005-T5	-
4	ES8006	AS REQD.	GLASS STOP	6063-T5	-
5	ES8002	AS REQD.	MULLION SNAP-IN MATE	6005-T5	-
6	ES8003	AS REQD.	SHEAR CLIP	6005-T5	-
7	-	AS REQD.	INTERIOR BULB GASKET	VINYL	-
8	ES8009	AS REQD.	SILICONE STOP	VINYL	-
8A	ES-8011A	AS REQD.	1/4" BUTTON BUMPER SPACER	SILICONE	DUROMETER 85±5 SHORE A
9	-	-	-	-	-
10	-	2/ LITE	3/16" X 1/2" X 2" LONG SETTING BLOCK, AT 1/4" POINTS	EPDM	DUROMETER 85±5 SHORE A
11	#12 X 1-1/2"	4/ CORNER	ASSEMBLY SCREWS PHSMS	STEEL	-
12	-	AS REQD.	MULLION STIFFENER	6005-T5	-
13	-	AS REQD.	MULLION REINFORCING CHANNEL	STEEL	-
14	-	AS REQD.	MULLION REINFORCING BAR	STEEL	-



PRODUCT REVISED
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Expiration Date April 3, 2023
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Miami Dade Product Control

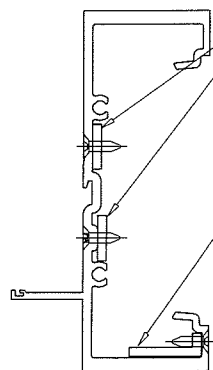
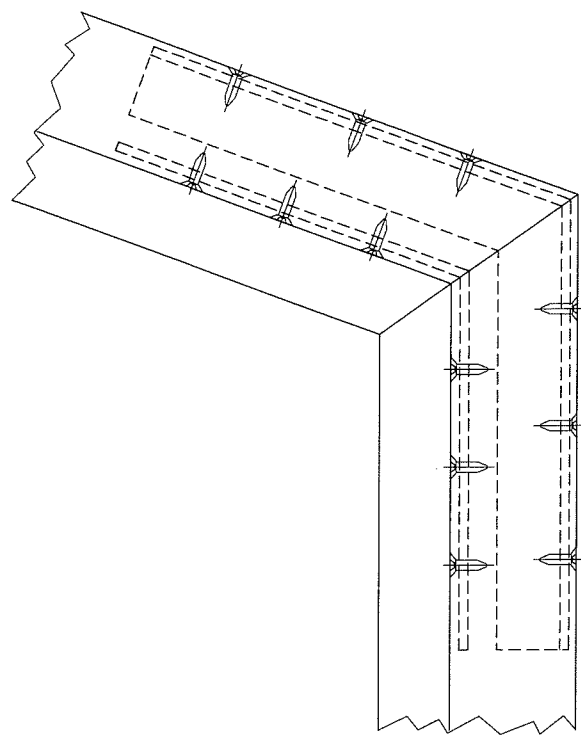


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STORE W11-39MG

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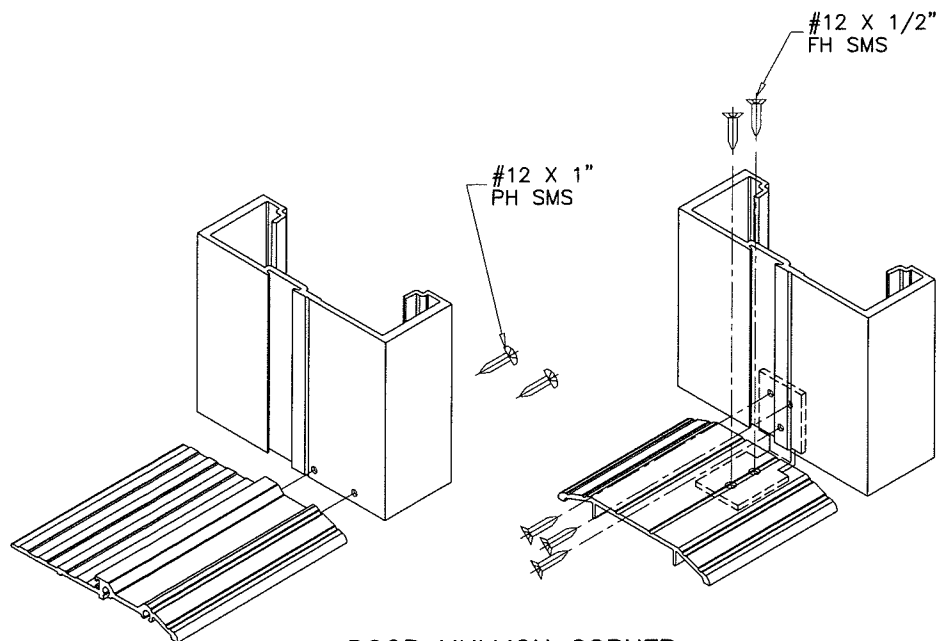
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drawing no. W11-39			
sheet 11 of 12			



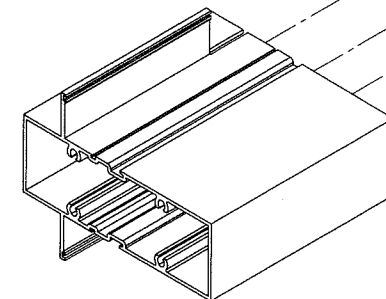
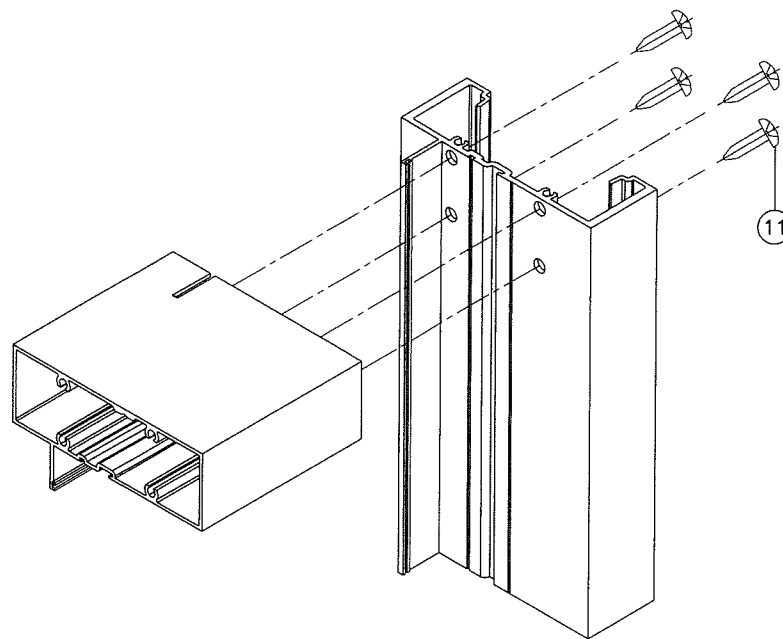
5/8" X 1/8"
ALUM PLATE
BENT TO MATCH JOINT
SECURED WITH #8 SMS
(3) PER SIDE OF JOINT

5/16 X 1 X 1/8"
ALUM ANGLE
BENT TO MATCH JOINT
SECURED WITH #8 SMS
(3) PER SIDE OF JOINT

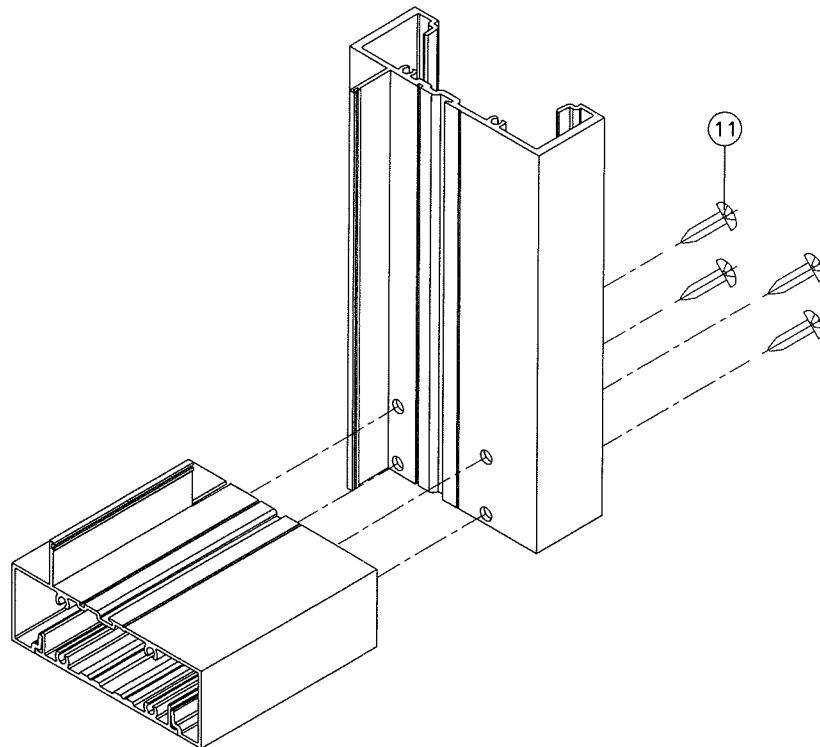
CIRCULAR OR ANGLED CORNERS



DOOR MULLION CORNER

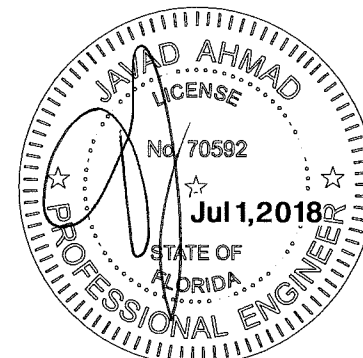


HORIZONTAL CORNER



RECT. OR SQUARE CORNERS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0314-06
Expiration Date April 3, 2023
By *Manuel Perez*
Miami Dade Product Control



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE W11-39MG

SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
8120 N.W. 84 STREET
MEDLEY, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

revisions:	no.	date	by	description
	A	03.05.12		NO CHANGE THIS SHEET
	B	08.14.15		GENERAL REVISION
	C	02.28.18		UPDATED TO 2017 FBC
	D	06.13.18		NO CHANGE THIS SHEET

date: 07-15-11	scale: -	dr. by: TARIQ	chk. by:
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drawing no.	W11-39
sheet 12 of 12	