



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
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

V & V Commercial, LLC
14150 N.W. 56th Court, Suite #600
Opa-Locka, FL 33054

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 "1000" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. 19-111D, titled "Series-1000 Alum. Window Wall System (L.M.I.)", sheets 1 through 11 of 11, dated 10/24/19, with revision C dated 09/04/25, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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.

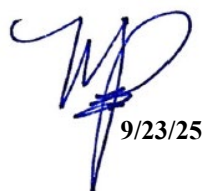
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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. 25-0805.02 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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




9/23/25

NOA No. 25-0908.06
Expiration Date: August 27, 2030
Approval Date: October 02, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

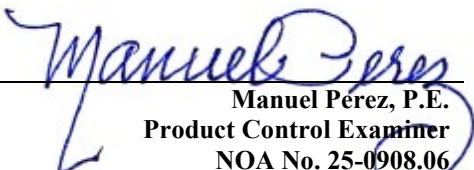
1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 20-0630.03)
2. Drawing No. **19-111D**, titled "Series-1000 Alum. Window Wall System (L.M.I.)", sheets 1 through 11 of 11, dated 10/24/19, with revision **B** dated 07/28/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 23-0815.16)

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-10713**, dated 11/05/19 and revised on 11/22/19, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0630.03)
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
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 and aluminum storefront doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-12006**, dated 03/13/20 and revised on 11/22/19, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0630.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017) and FBC 7th Edition (2020), dated 03/26/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-0630.03)
2. Glazing complies with **ASTM E1300-09**


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0908.06
Expiration Date: August 27, 2030
Approval Date: October 02, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 08/31/23, expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and of no financial interest, dated August 1, 2025, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 25-0805.02)

G. OTHERS

1. Notice of Acceptance No. **23-0815.16**, issued to Gopi Glass Sales & Services Corp. for their Series "1000" Aluminum Window Wall System – L.M.I., approved on 09/07/23 and expiring on 08/27/25.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS


1. Drawing No. **19-111D**, titled "Series-1000 Alum. Window Wall System (L.M.I.)", sheets 1 through 11 of 11, dated 10/24/19, with revision **C** dated 09/04/25, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0908.06
Expiration Date: August 27, 2030
Approval Date: October 02, 2025

V & V Commercial, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

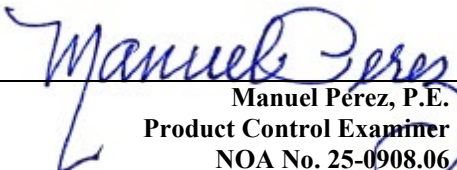
1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.

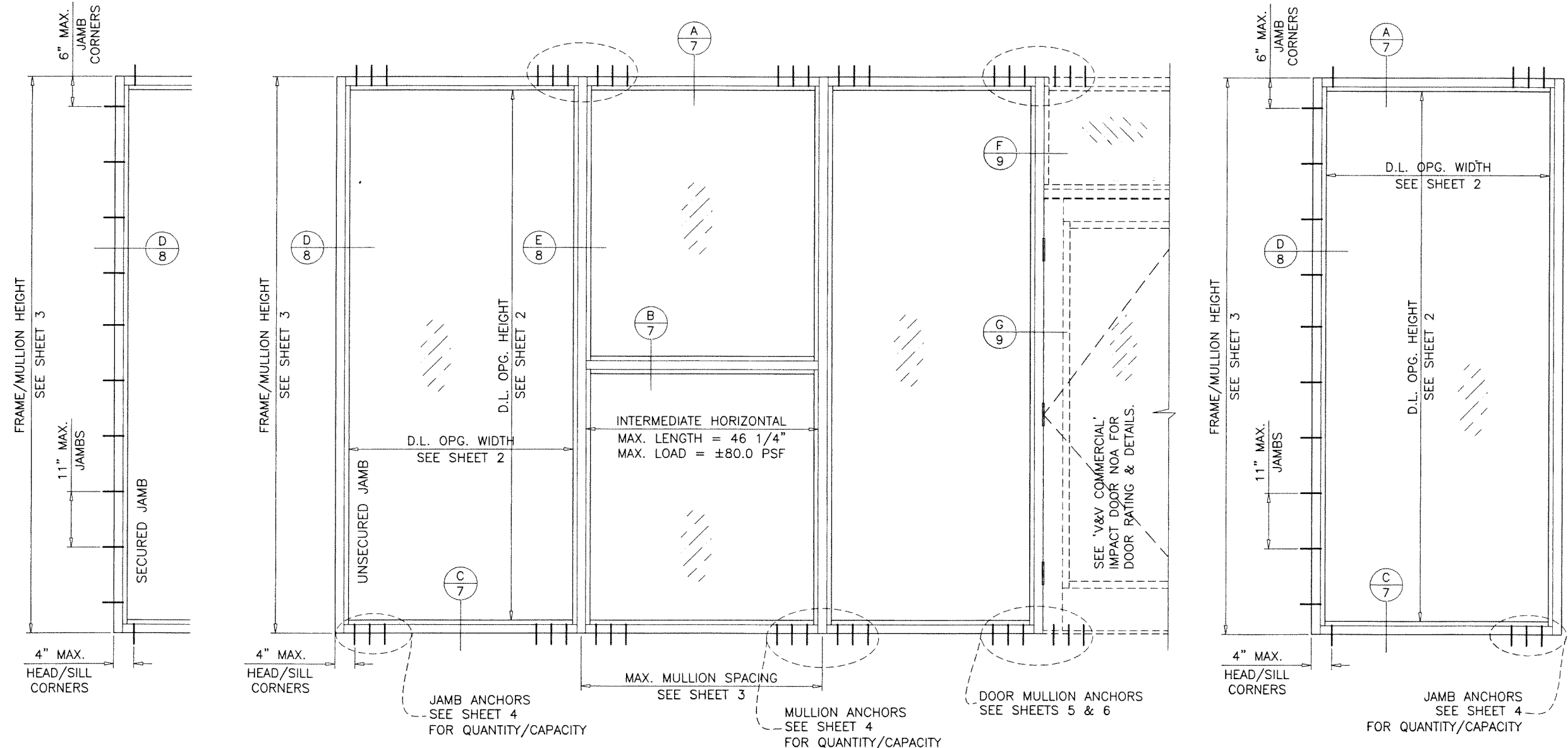
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and of no financial interest, dated August 29, 2025, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Letter from owners of existing NOA dated August 5, 2025, stating that they have sold all assets to the applicant, that they no longer manufacture the product and request to rescind current NOA No. **25-0805.02**, which renewed original NOA No. **23-0815.16**, signed by Marlen de Varona, president, Gopi Glass Sales & Service Corp.
3. Letter from V & V Commercial, LLC dated September 17, 2025, stating that they had legally purchased all the assets, rights and know-how of current NOA No. **25-0805.02**, which renewed original NOA No. **23-0815.16**, and request to issue the NOA in their name, signed by David Labrador, president V & V Commercial, LLC.
4. Name changed to **V & V Commercial, LLC** as registered in the Florida Department of State, Division of Corporation, active listing No. L25000336717, dated 07/28/25.
5. Asset Purchase and Sale Agreement dated July 31, 2025, between Gopi Glass Sale & Service Corp. (Seller) and V & V Commercial, LLC (Buyer), signed by respective company officials, Marlen de Varona, president and David Labrador, president.

G. OTHERS

1. Notice of Acceptance No. **25-0805.02**, issued to Gopi Glass Sales & Services Corp. for their Series “1000” Aluminum Window Wall System – L.M.I., approved on 08/28/25 and expiring on 08/27/30.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0908.06
Expiration Date: August 27, 2030
Approval Date: October 02, 2025



SERIES-1000 ALUMINUM WINDOW WALL SYSTEM

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPR'D LARGE MISSILE IMPACT RESISTANT DOORS.

LOWER DESIGN PRESSURE FROM WINDOW WALL OR DOOR NOA WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH 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 2023 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.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

TYPICAL ELEVATION

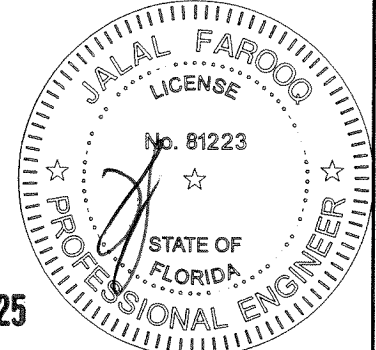
INSTRUCTIONS:

- USE CHARTS AS FOLLOWS.
- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
 - STEP 2** CHECK GLASS CAPACITY TABLE ON SHEET 2 FOR GLASS TYPE, GLASS DIMENSIONS (WIDTH & HEIGHT) AND PRESSURE CAPACITY. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
 - STEP 3** CHECK WINDOW WALL SYSTEM CAPACITY FOR DESIRED HEIGHT AND MULLION SPACING USING CHARTS ON SHEET 3. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
 - STEP 4** USING CHARTS ON SHEET 4 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
 - STEP 5** VERIFY UNANCHORED JAMBS, IF USED AS PER SHEET 8.
 - STEP 6** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.
 - STEP 7** WHEN USING THIS SYSTEM WITH DOORS, THE LOWER VALUE OF THE DESIGN PRESSURE RATING FOR THE SYSTEM AND THE DOOR SHALL APPLY.

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

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

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **25-0908.06**
Expiration Date: **08/27/2030**
By: *Manuel Torres*
Miami-Dade Product Control



SEP 04 2025

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-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)

V & V Commercial LLC
14150 N.W 56th Court, Suite #600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 Fax. (305) 888-1042

revisions:	no.	date	description	by
	A	01.06.21	ANCHORS UPDATED	
	B	07.28.23	UPDATED TO 2023 FBC	
	C	09.04.25	MANUF. NAME & ADDRESS REV.	

date: 10-24-19

scale: 1/2" = 1'-0"

dr. by: TARIO

chk. by:

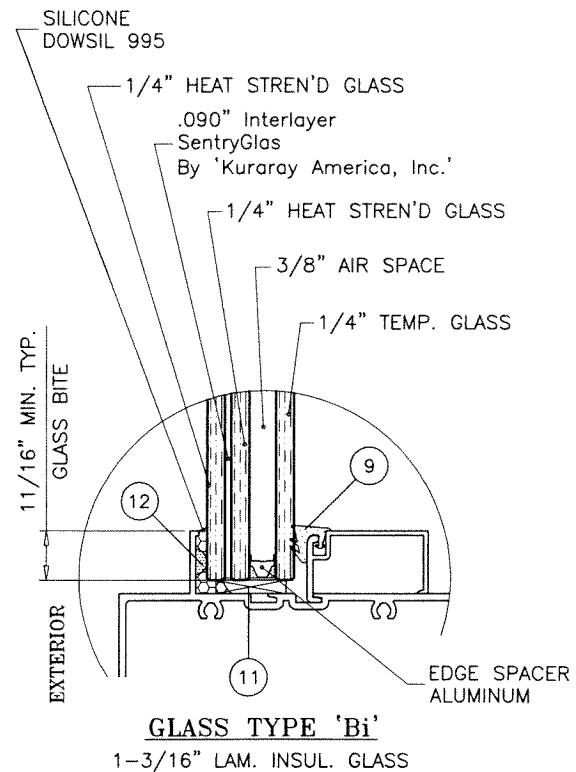
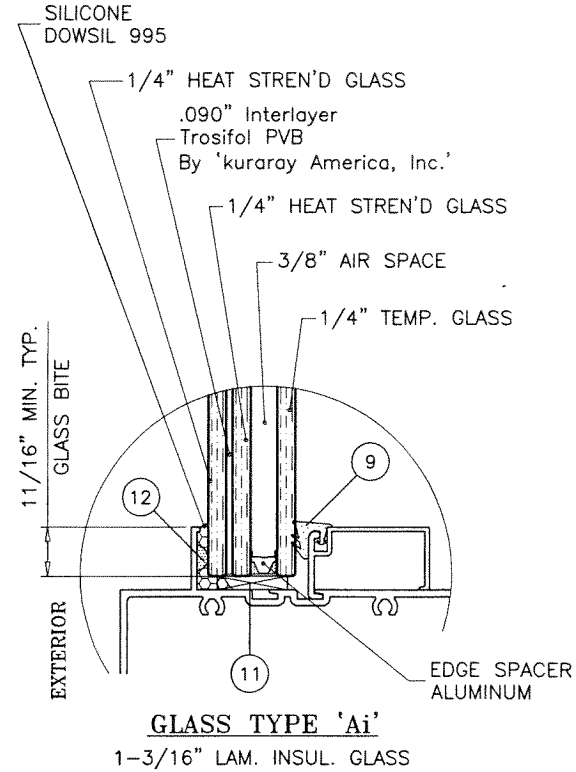
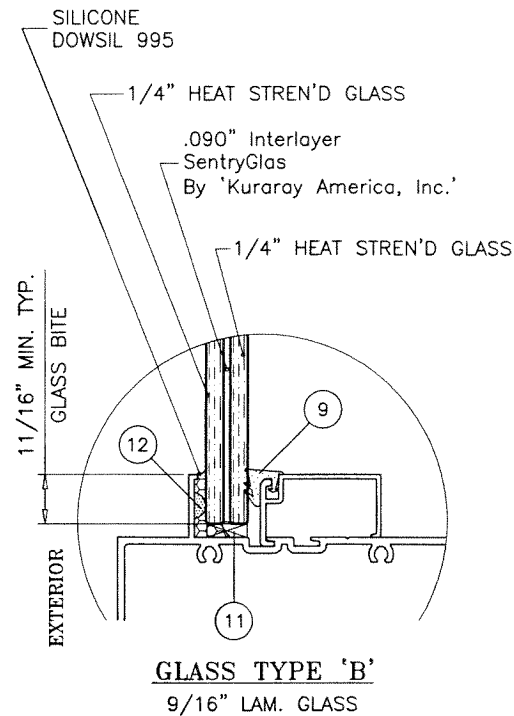
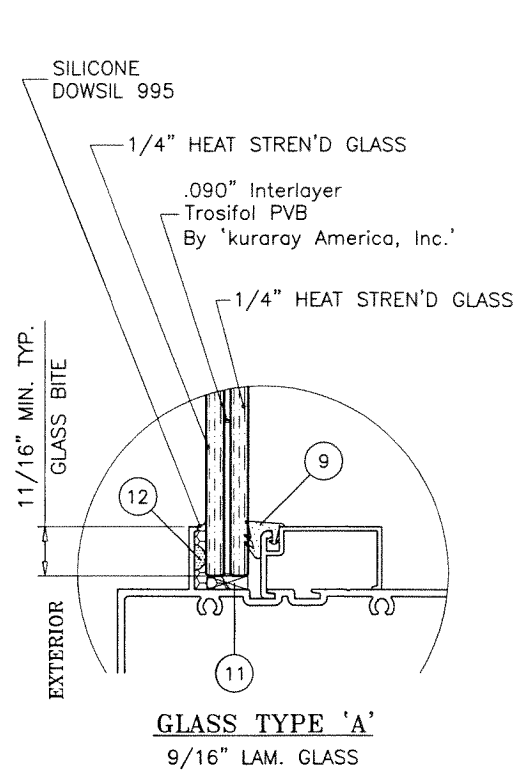
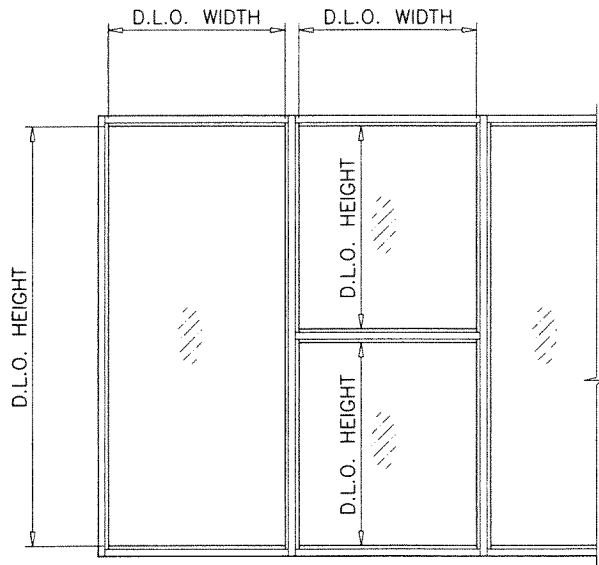
drawing no.

19-111D

sheet 1 of 11

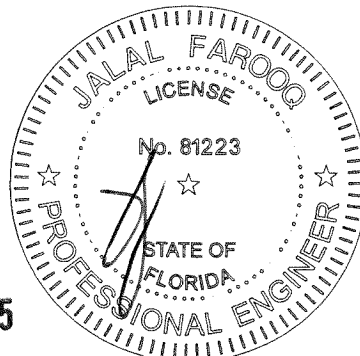
GLASS LOAD CAPACITY - PSF					
NOMINAL DIMS.		GLASS TYPES 'A' & 'Ai'		GLASS TYPES 'B' & 'Bi'	
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
32-1/2"	96-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	91.4
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
62-1/2"	102-3/4"	50.9	50.9	58.2	58.2
32-1/2"		70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	91.4
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
32-1/2"	108-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	91.4
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
32-1/2"	114-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	91.4
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
32-1/2"	120-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	91.4
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
32-1/2"	126-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	90.6
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
32-1/2"	132-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	89.9
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0
32-1/2"	138-3/4"	70.0	70.0	80.0	100.0
38-1/2"		70.0	70.0	80.0	89.2
44-1/2"		70.0	70.0	80.0	80.0
50-1/2"		62.2	62.2	71.1	71.1
56-1/2"		56.0	56.0	64.0	64.0

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



GLAZING OPTIONS

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **25-0908.06**
Expiration Date: **08/27/2030**
By: *Manuel Perez*
Miami-Dade Product Control



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

GLASS

SEP 04 2025

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

SERIES-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)

V & V Commercial LLC
14150 N.W. 56th Court, Suite #600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 Fax. (305) 888-1042

no	date	by	description
A	01.06.21		NO CHANGE THIS SHEET
B	07.28.23		NO CHANGE THIS SHEET
C	09.04.25		MANUF. NAME & ADDRESS REV.

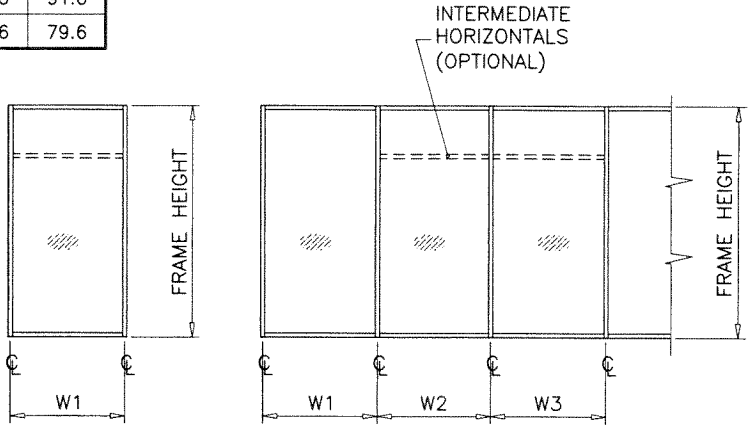
date: 10-24-19	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. 19-111D		sheet 2 of 11	

COMP-ANL\19-111D-WC

JAMB & MULLION LOAD CAPACITY - PSF											
JAMBS & MULLIONS WITH OR WITHOUT INTERMEDIATE HORIZONTALS											
NOMINAL DIMS.		JAMBS				MULLIONS					
		JAMB 'J1'		JAMB 'J2'		MULL 'M1'		MULL 'M2'		MULL 'M3'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	90"	70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
36"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
42"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
48"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
54"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
60"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
66"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
30"	96"	70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
36"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
42"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
48"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
54"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
60"		70.0	70.0	80.0	100.0	69.3	69.3	70.0	70.0	80.0	100.0
66"		70.0	70.0	80.0	100.0	63.0	63.0	70.0	70.0	80.0	100.0
30"	102"	70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
36"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
42"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
48"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
54"		70.0	70.0	80.0	100.0	67.9	67.9	70.0	70.0	80.0	100.0
60"		70.0	70.0	80.0	100.0	61.1	61.1	70.0	70.0	80.0	100.0
66"		70.0	70.0	80.0	100.0	55.5	55.5	70.0	70.0	80.0	100.0
30"	108"	70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
36"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
42"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
48"		70.0	70.0	80.0	100.0	70.0	70.0	70.0	70.0	80.0	100.0
54"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
60"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
30"	114"	-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
36"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
42"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
48"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
54"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
60"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
30"	120"	-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
36"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
42"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
48"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
54"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
60"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
30"	126"	-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
36"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
42"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
48"		-	-	80.0	100.0	-	-	69.3	69.3	80.0	100.0
54"		-	-	80.0	98.2	-	-	61.6	61.6	80.0	92.9
60"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
30"	132"	-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
36"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
42"		-	-	80.0	100.0	-	-	68.9	68.9	80.0	100.0
48"		-	-	80.0	96.1	-	-	60.3	60.3	80.0	95.3
54"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
60"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0

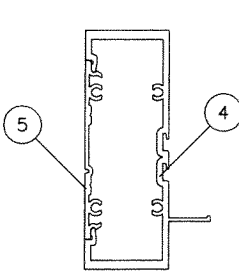
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

JAMB & MULLION LOAD CAPACITY - PSF											
JAMBS & MULLIONS WITH OR WITHOUT INTERMEDIATE HORIZONTALS											
NOMINAL DIMS.		JAMBS				MULLIONS					
		JAMB 'J1'		JAMB 'J2'		MULL 'M1'		MULL 'M2'		MULL 'M3'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	138"	-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
36"		-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
42"		-	-	80.0	96.1	-	-	60.3	60.3	80.0	99.6
48"		-	-	80.0	84.1	-	-	52.8	52.8	80.0	87.2
30"	144"	-	-	80.0	100.0	-	-	70.0	70.0	80.0	100.0
36"		-	-	80.0	98.7	-	-	61.9	61.9	80.0	100.0
42"		-	-	80.0	84.6	-	-	53.1	53.1	80.0	91.0
48"		-	-	74.0	74.0	-	-	46.5	46.5	79.6	79.6



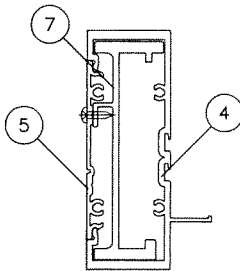
WIDTH (W) = W1
AT FRAME JAMB

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



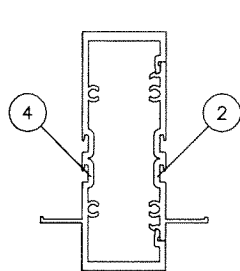
UNSECURED JAMB 'J1'

Ix	IN^4	Sx	IN^3
4.5315	1.7652		



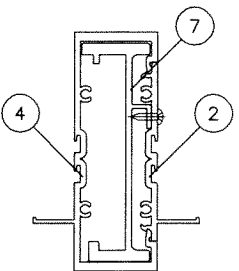
UNSECURED JAMB 'J2'

Ix	IN^4	Sx	IN^3
8.5446	3.4638		



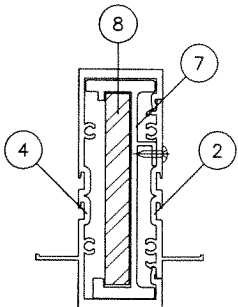
MULLION 'M1'

Ix	IN^4	Sx	IN^3
6.7164	2.5876		



MULLION 'M2'

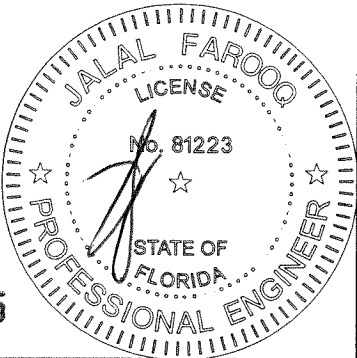
Ix	IN^4	Sx	IN^3
10.7295	4.2862		



MULLION 'M3'

	Ix	IN^4	Sx	IN^3
ALUMINUM	10.7295	4.2862		
STEEL	2.6667	1.3334		
TOTAL				
Ix ALUM + Ix STL X 2.9	18.386			

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0908.06**
Expiration Date: **08/27/2030**
By: *Manuel Perez*
Miami-Dade Product Control



MULLION

SEP 04 2025

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-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)

V & V Commercial LLC
14150 N.W 56th Court, Suite #600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 Fax. (305) 888-1042

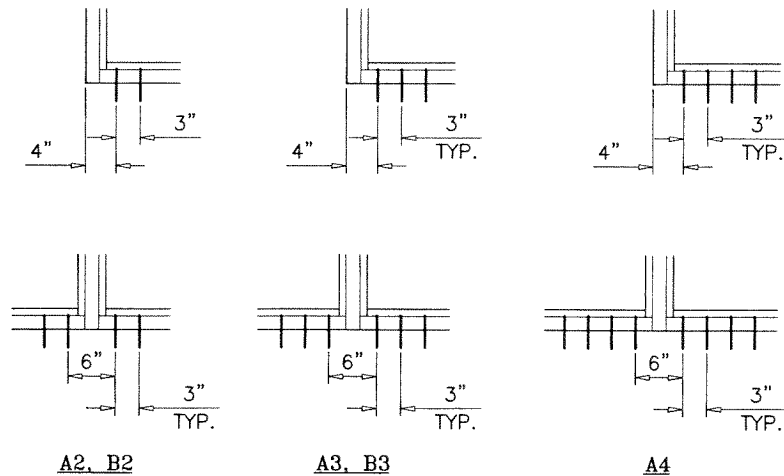
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	B	07.28.23		NO CHANGE THIS SHEET
	C	09.04.25		MANUF. NAME & ADDRESS REV.
date:	10-24-19			
scale:	-			
dr. by:	TARIO			
chk. by:				
drawing no.	19-111D			
sheet	3 of 11			

COMP-ANL\19-111D-WC

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)						
NOMINAL DIMS.		ANCHORS TYPE 'A'			ANCHORS 'B'	
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2	B3
30"	80"	100.0	100.0	100.0	100.0	100.0
36"		100.0	100.0	100.0	100.0	100.0
42"		89.1	100.0	100.0	100.0	100.0
48"		78.0	100.0	100.0	100.0	100.0
54"		69.3	100.0	100.0	100.0	100.0
60"		62.4	93.6	100.0	95.5	100.0
66"		56.7	85.1	100.0	86.8	100.0
30"	84"	100.0	100.0	100.0	100.0	100.0
36"		99.0	100.0	100.0	100.0	100.0
42"		84.9	100.0	100.0	100.0	100.0
48"		74.3	100.0	100.0	100.0	100.0
54"		66.0	99.0	100.0	100.0	100.0
60"		59.4	89.1	100.0	91.0	100.0
66"		54.0	81.0	100.0	82.7	100.0
30"	90"	100.0	100.0	100.0	100.0	100.0
36"		92.4	100.0	100.0	100.0	100.0
42"		79.2	100.0	100.0	100.0	100.0
48"		69.3	100.0	100.0	100.0	100.0
54"		61.6	92.4	100.0	94.3	100.0
60"		55.5	83.2	100.0	84.9	100.0
66"		50.4	75.6	100.0	77.2	100.0
30"	96"	100.0	100.0	100.0	100.0	100.0
36"		86.7	100.0	100.0	100.0	100.0
42"		74.3	100.0	100.0	100.0	100.0
48"		65.0	97.5	100.0	99.5	100.0
54"		57.8	86.7	100.0	88.4	100.0
60"		52.0	78.0	100.0	79.6	100.0
66"		47.3	70.9	94.5	72.4	100.0
30"	102"	97.9	100.0	100.0	100.0	100.0
36"		81.6	100.0	100.0	100.0	100.0
42"		69.9	100.0	100.0	100.0	100.0
48"		61.2	91.8	100.0	93.6	100.0
54"		54.4	81.6	100.0	83.2	100.0
60"		48.9	73.4	97.9	74.9	100.0
66"		44.5	66.7	89.0	68.1	100.0
30"	108"	92.4	100.0	100.0	100.0	100.0
36"		77.0	100.0	100.0	100.0	100.0
42"		66.0	99.0	100.0	100.0	100.0
48"		57.8	86.7	100.0	88.4	100.0
54"		51.4	77.0	100.0	78.6	100.0
60"		46.2	69.3	92.4	70.8	100.0
30"	114"	87.6	100.0	100.0	100.0	100.0
36"		73.0	100.0	100.0	100.0	100.0
42"		62.6	93.8	100.0	95.8	100.0
48"		54.7	82.1	100.0	83.8	100.0
54"		48.7	73.0	97.3	74.5	100.0
60"		43.8	65.7	87.6	67.0	100.0
30"	120"	83.2	100.0	100.0	100.0	100.0
36"		69.3	100.0	100.0	100.0	100.0
42"		59.4	89.1	100.0	91.0	100.0
48"		52.0	78.0	100.0	79.6	100.0
54"		46.2	69.3	92.4	70.8	100.0

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)						
NOMINAL DIMS.		ANCHORS TYPE 'A'			ANCHORS 'B'	
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2	B3
30"	126"	79.2	100.0	100.0	100.0	100.0
36"		66.0	99.0	100.0	100.0	100.0
42"		56.6	84.9	100.0	86.6	100.0
48"		49.5	74.3	99.0	75.8	100.0
54"		44.0	66.0	88.0	67.4	100.0
30"	132"	75.6	100.0	100.0	100.0	100.0
36"		63.0	94.5	100.0	96.5	100.0
42"		54.0	81.0	100.0	82.7	100.0
48"	138"	47.3	70.9	94.5	72.4	100.0
30"	144"	72.3	100.0	100.0	100.0	100.0
36"		60.3	90.4	100.0	92.3	100.0
42"		51.7	77.5	100.0	79.1	100.0
48"		45.2	67.8	90.4	69.2	100.0
30"	150"	69.3	100.0	100.0	100.0	100.0
36"		57.8	86.7	100.0	88.4	100.0
42"		49.5	74.3	99.0	75.8	100.0
48"		43.3	65.0	86.7	66.3	99.5

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

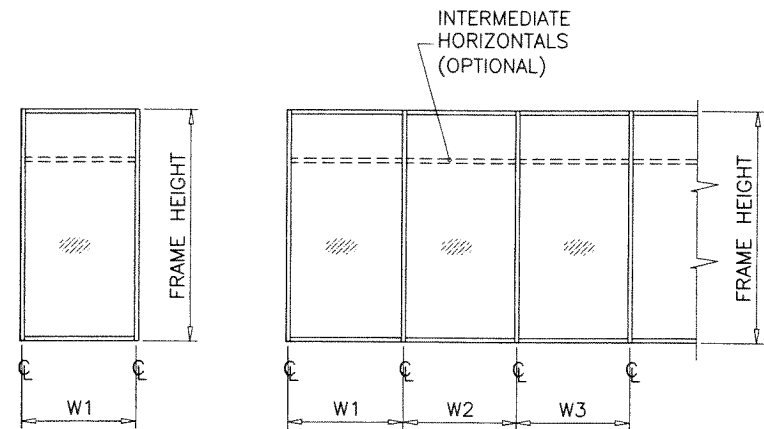


ANCHORS TYPES: SEE SHEET 7 FOR DESCRIPTION

A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION

A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION

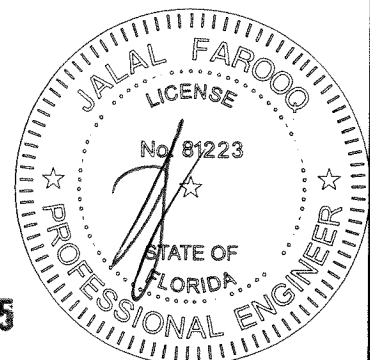
A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION



WIDTH (W) = W1
AT FRAME JAMB

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

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 25-0908.06
Expiration Date: 08/27/2030
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

COMP-ANL-19-111D-WC

SERIES-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)

V & V Commercial LLC
14150 NW 56th Court, Suite #600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 Fax. (305) 888-1042

revisions:

no	date	by	description
A	01.06.21		NO CHANGE THIS SHEET
B	07.28.23		NO CHANGE THIS SHEET
C	09.04.25		MANUF. NAME & ADDRESS REV.

date: 10-24-19

scale: -

dr. by: TARIQ

chk. by:

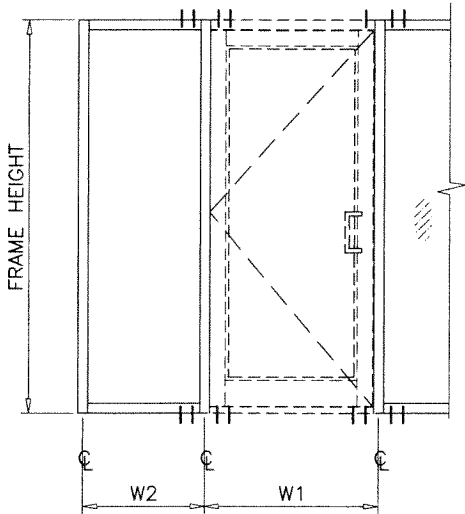
drawing no.

19-111D

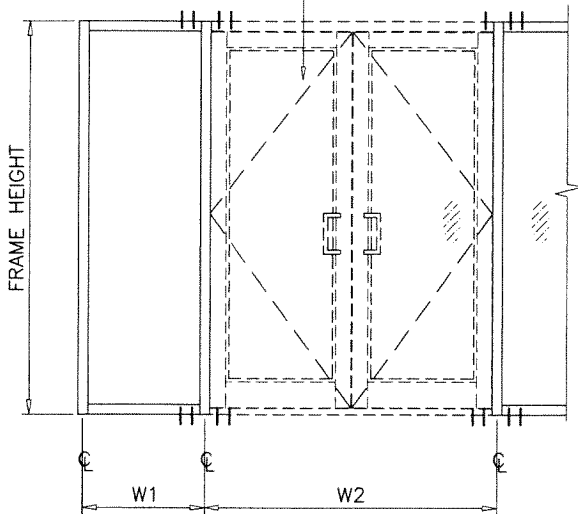
sheet 4 of 11

DOOR MULLION LOAD CAPACITY					
NOMINAL DIMS.		MULLION 'DM1'		MULLION 'DM2'	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	96"	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
66"		70.0	70.0	70.0	70.0
36"	102"	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
36"	108"	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
36"	114"	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
36"	120"	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
36"	126"	70.0	70.0	70.0	70.0
42"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
36"	132"	-	-	70.0	70.0
42"		-	-	70.0	70.0
48"		-	-	70.0	70.0
36"	138"	-	-	70.0	70.0
42"		-	-	70.0	70.0
48"		-	-	70.0	70.0
36"	144"	-	-	70.0	70.0
42"		-	-	70.0	70.0
48"		-	-	70.0	70.0

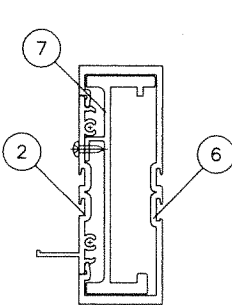
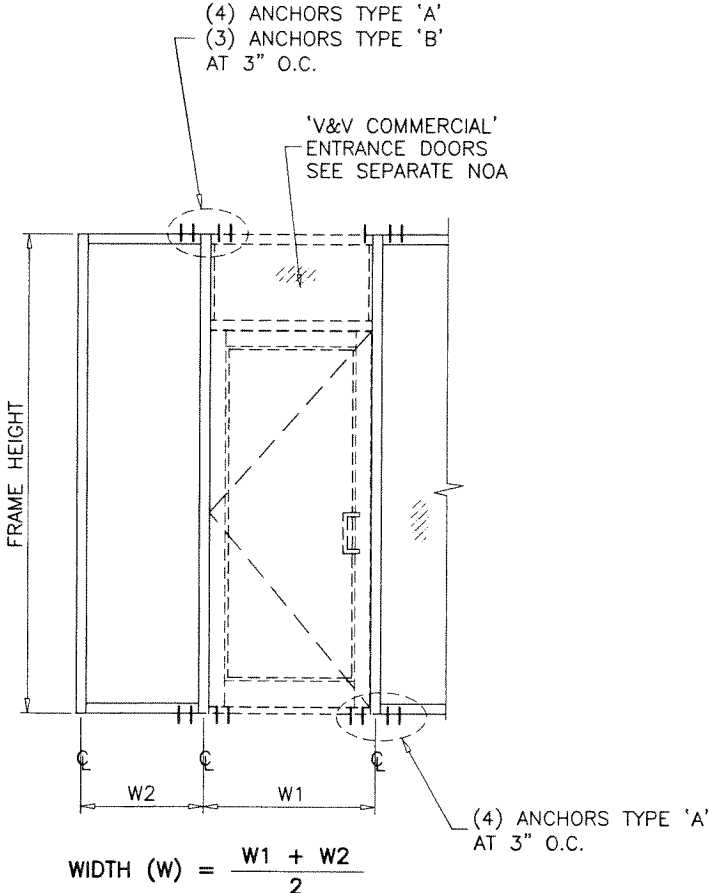
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



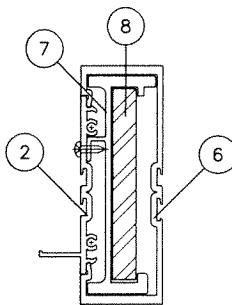
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$



DOOR MULLION 'DM1'

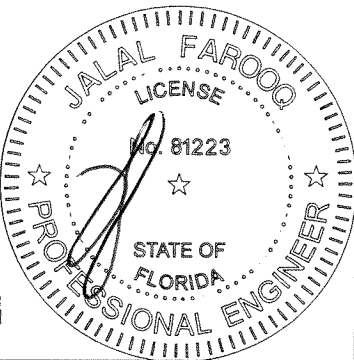


DOOR MULLION 'DM2'

Ix IN ⁴	Sx IN ³
10.7295	4.2862

	Ix IN ⁴	Sx IN ³
ALUMINUM	10.7295	4.2862
STEEL	2.6667	1.3334
TOTAL		
Ix ALUM + Ix STL X 2.9	18.386	

PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. **25-0908.06**
 Expiration Date: **08/27/2030**
 By: *Manuel Torres*
 Miami-Dade Product Control



DOOR MULLION

SEP 04 2025

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

SERIES-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)
V & V Commercial LLC
 14150 N.W. 56th Court, Suite #600
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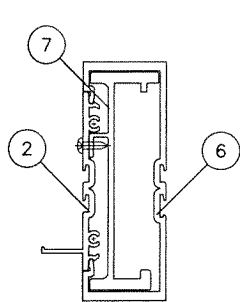
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	C	09.04.25		MANUF. NAME & ADDRESS REV.
date:	10-24-19			
scale:	-			
dr. by:	TARIQ			
chk. by:				
drawing no.				
	19-111D			
sheet	5 of 11			

COMP-ANL\19-111D-VWC

DOOR MULLION LOAD CAPACITY - PSF							
NOMINAL DIMS.				MULLION 'DM1'		MULLION 'DM2'	
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
76	30	114	84	70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			70.0	70.0	70.0	70.0
	48			70.0	70.0	70.0	70.0
	54			70.0	70.0	70.0	70.0
	60			70.0	70.0	70.0	70.0
	30	120		70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			70.0	70.0	70.0	70.0
	48			70.0	70.0	70.0	70.0
	54			68.1	68.1	70.0	70.0
	30			126	70.0	70.0	70.0
	36	68.0			68.0	70.0	70.0
	42	64.1			64.1	70.0	70.0
	48	60.6			60.6	70.0	70.0
	54	57.5			57.5	70.0	70.0
	30	132			61.7	61.7	70.0
	36			58.0	58.0	70.0	70.0
	42			54.7	54.7	70.0	70.0
	48			51.8	51.8	70.0	70.0
	30	138		53.1	53.1	70.0	70.0
	36			50.0	50.0	70.0	70.0
	42			47.2	47.2	70.0	70.0
	48			44.7	44.7	68.5	68.5
	30	144		46.2	46.2	70.0	70.0
	36			43.5	43.5	69.3	69.3
	42			41.1	41.1	65.7	65.7
	48			38.9	38.9	62.5	62.5
76	30	114	90	70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			70.0	70.0	70.0	70.0
	48			70.0	70.0	70.0	70.0
	54			70.0	70.0	70.0	70.0
	60			70.0	70.0	70.0	70.0
	30	120		70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			70.0	70.0	70.0	70.0
	48			70.0	70.0	70.0	70.0
	54			70.0	70.0	70.0	70.0
	30			126	70.0	70.0	70.0
	36	70.0			70.0	70.0	70.0
	42	66.5			66.5	70.0	70.0
	48	62.8			62.8	70.0	70.0
	54	59.4			59.4	70.0	70.0
	30	132			63.8	63.8	70.0
	36			59.9	59.9	70.0	70.0
	42			56.4	56.4	70.0	70.0
	48			53.3	53.3	70.0	70.0
	30	138		54.6	54.6	70.0	70.0
	36			51.3	51.3	70.0	70.0
	42			48.3	48.3	70.0	70.0
	48			45.7	45.7	69.4	69.4
	30	144		47.2	47.2	70.0	70.0
	36			44.4	44.4	70.0	70.0
	42			41.9	41.9	66.5	66.5
	48			39.6	39.6	63.2	63.2

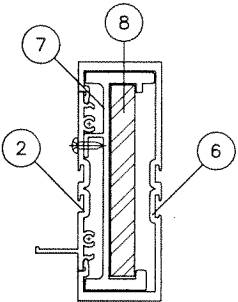
DOOR MULLION LOAD CAPACITY - PSF							
NOMINAL DIMS.				MULLION 'DM1'		MULLION 'DM2'	
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
76	30	114	96	70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			70.0	70.0	70.0	70.0
	48			70.0	70.0	70.0	70.0
	54			70.0	70.0	70.0	70.0
	60			70.0	70.0	70.0	70.0
	30	120		70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			70.0	70.0	70.0	70.0
	48			70.0	70.0	70.0	70.0
	54			70.0	70.0	70.0	70.0
	30	126		70.0	70.0	70.0	70.0
	36			70.0	70.0	70.0	70.0
	42			69.5	69.5	70.0	70.0
	48			65.4	65.4	70.0	70.0
	54			61.8	61.8	70.0	70.0
	30	132		66.6	66.6	70.0	70.0
	36			62.3	62.3	70.0	70.0
	42			58.5	58.5	70.0	70.0
	48			55.2	55.2	70.0	70.0
	30	138		56.5	56.5	70.0	70.0
	36			53.0	53.0	70.0	70.0
	42			49.9	49.9	70.0	70.0
	48			47.1	47.1	70.0	70.0
	30	144		48.5	48.5	70.0	70.0
	36			45.6	45.6	70.0	70.0
	42			43.0	43.0	67.5	67.5
	48			40.6	40.6	64.2	64.2

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



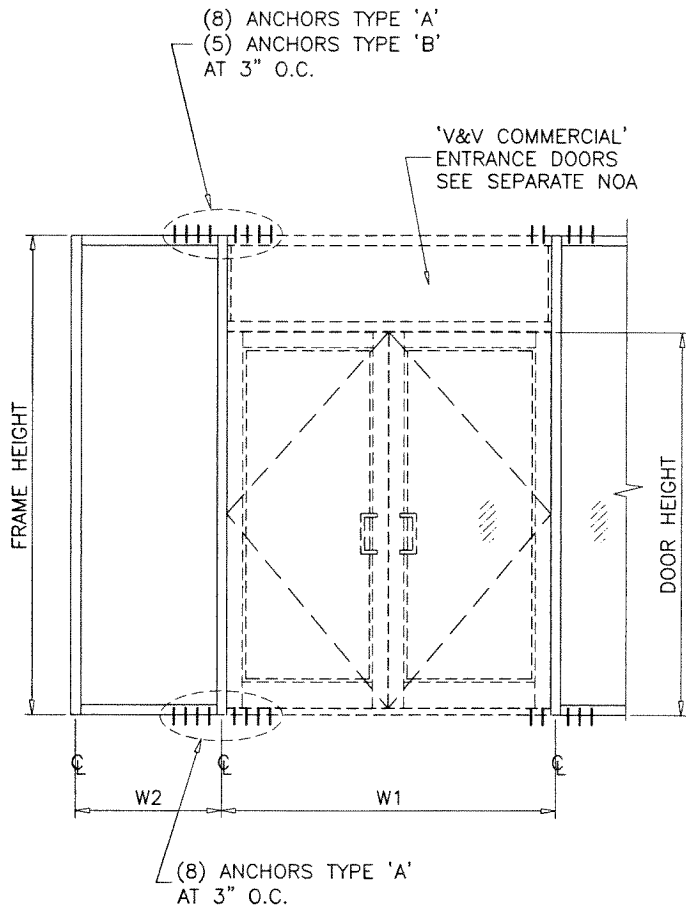
DOOR MULLION 'DM1'

Ix IN ⁴	Sx IN ³
10.7295	4.2862

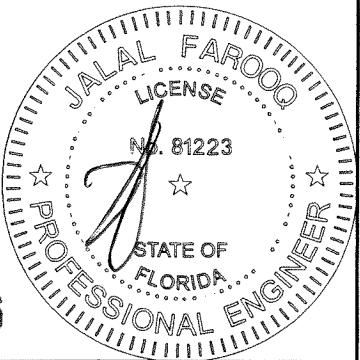


DOOR MULLION 'DM2'

	Ix IN ⁴	Sx IN ³
ALUMINUM	10.7295	4.2862
STEEL	2.6667	1.3334
TOTAL Ix ALUM + Ix STL X 2.9	18.386	



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Miami-Dade Product Control



DOOR MULLION

SEP 04 2025

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

SERIES-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)

V & V Commercial LLC
14150 N.W. 56th Court, Suite #600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 Fax. (305) 888-1042

revisions:

no	date	by	description
A	01.06.21		NO CHANGE THIS SHEET
B	07.28.23		NO CHANGE THIS SHEET
C	09.04.25		MANUF. NAME & ADDRESS REV.

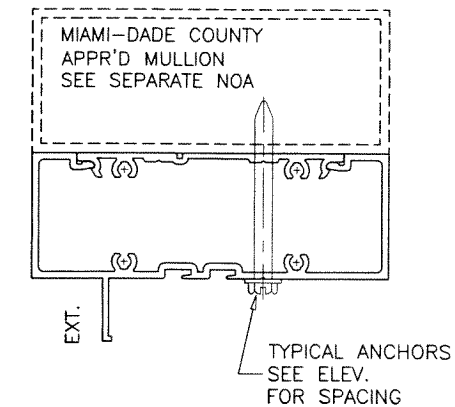
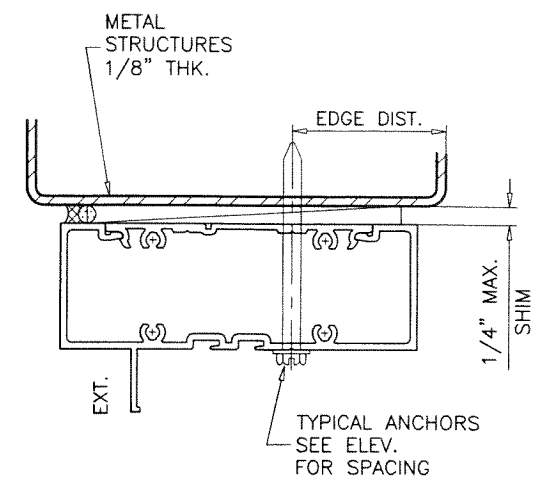
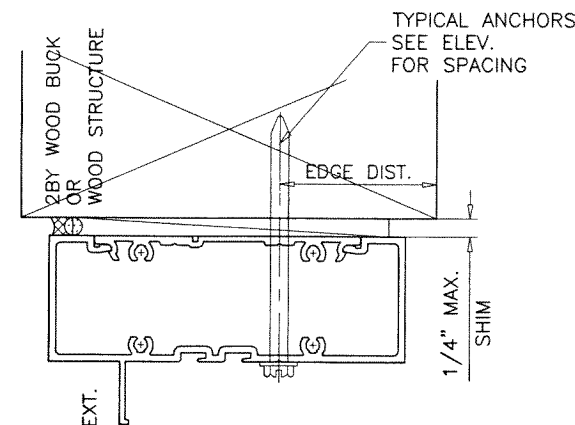
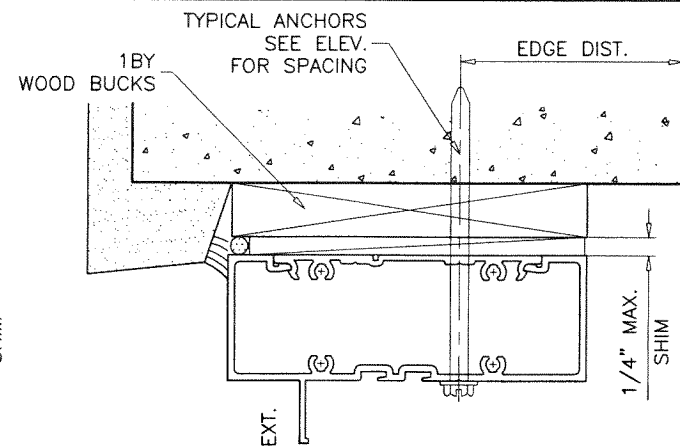
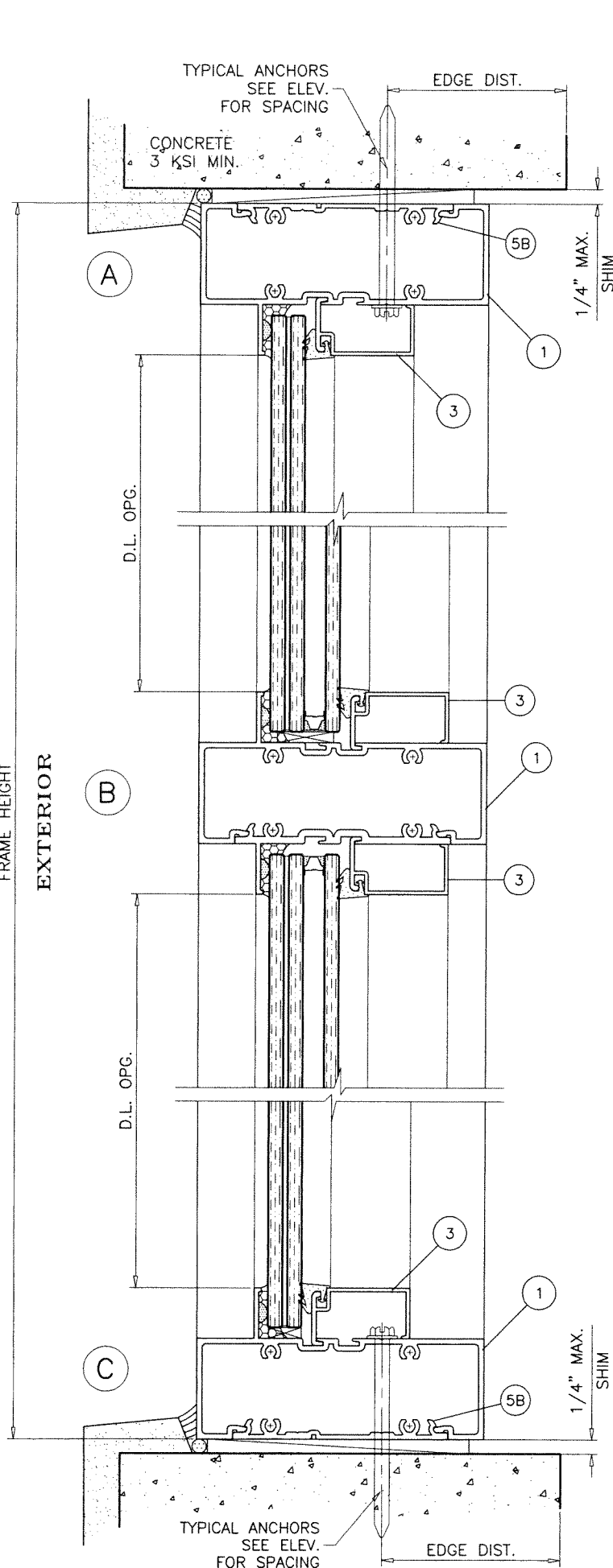
date: 10-24-19 scale: - dr. by: TARIQ chk. by:

drawing no. **19-111D**

sheet 6 of 11

COMP-ANL\19-111D-WC

FRAME HEIGHT
EXTERIOR



WOOD BUCKS AND METAL STRUCTURES NOT BY 'V&V COMMERCIAL' MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

ANCHOR TYPE 'A'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

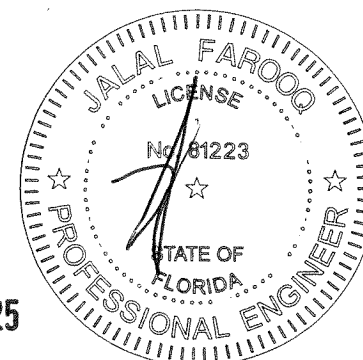
ANCHOR TYPE 'B'— 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

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

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

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 As complying with the Florida Building Code
 NOA-No. **25-0908.06**
 Expiration Date: **08/27/2030**
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 Miami-Dade Product Control



SEP 04 2025

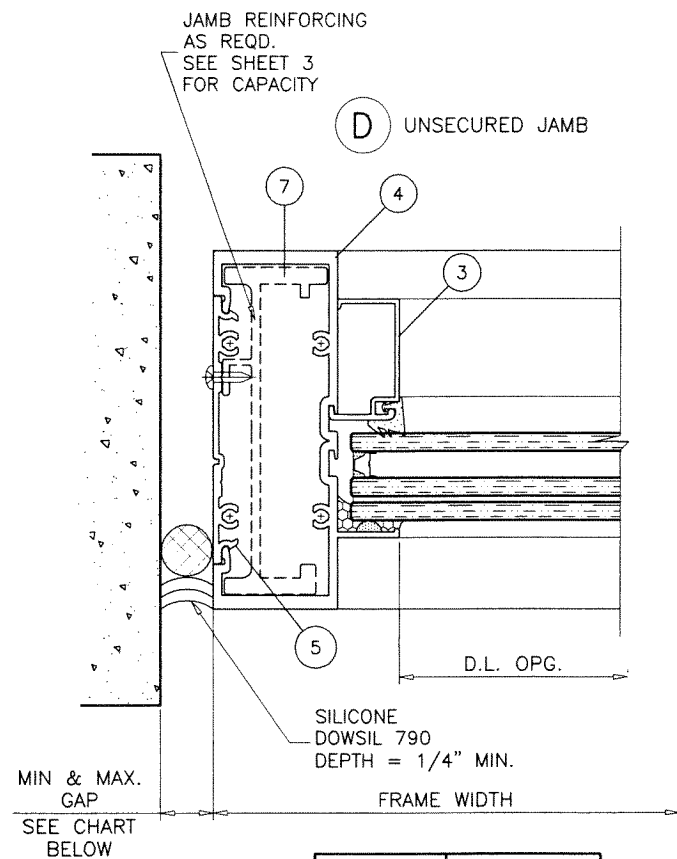
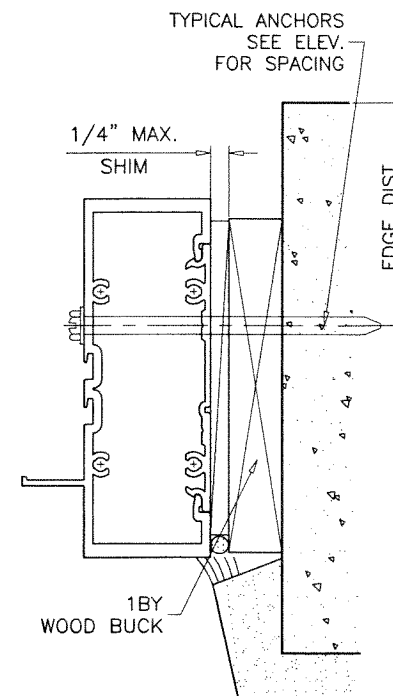
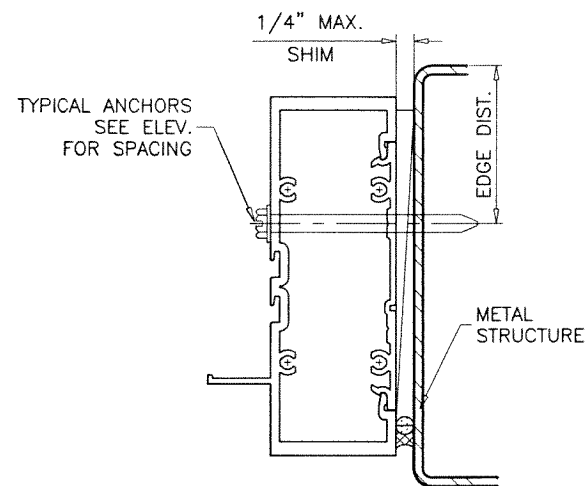
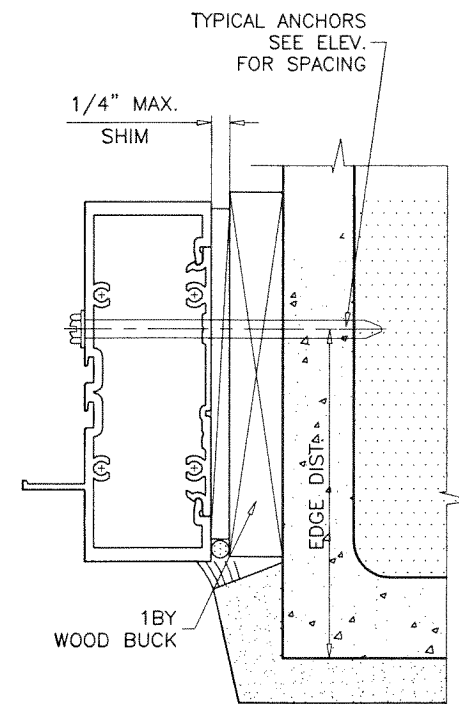
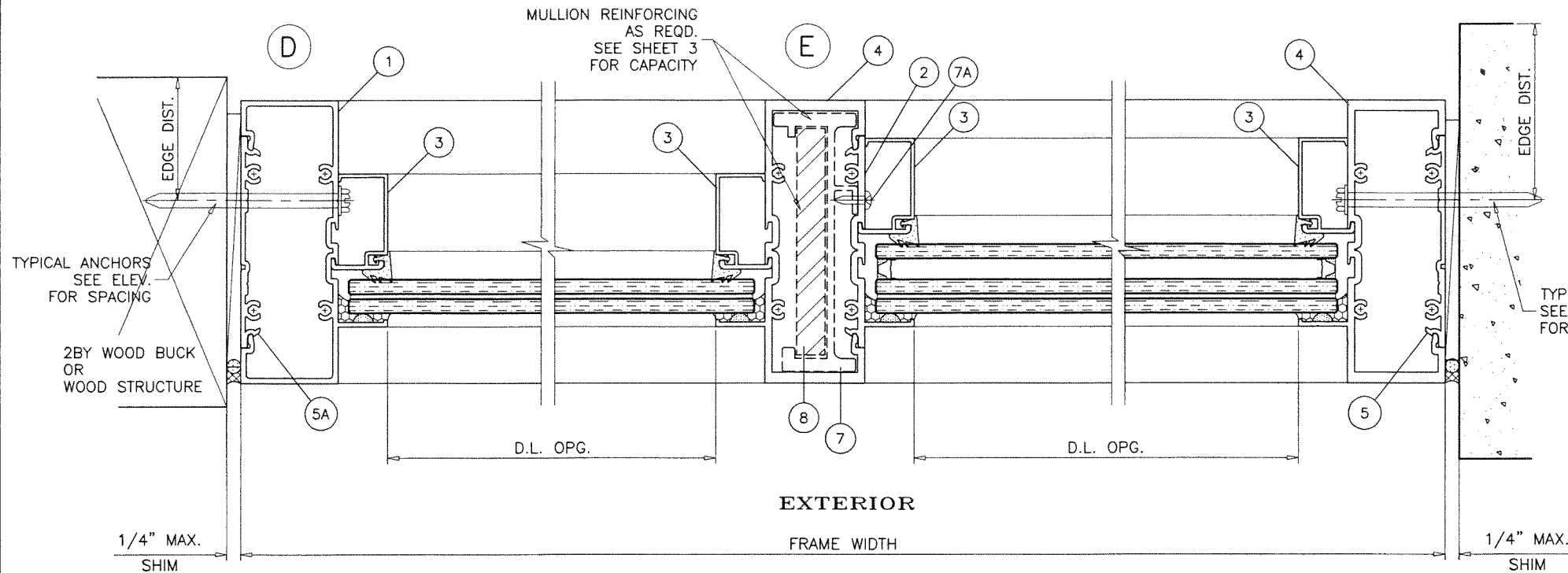
AL-FAROOQ CORPORATION
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 Opa-Locka, FL. 33054
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revisions:		no.	date	by	description
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date:	10-24-19	scale:	3/8" = 1"	dr. by:	TARIQ	chk. by:	
drawing no.	19-111D	sheet	7 of 11				

COMP-ANL\19-111D-WC

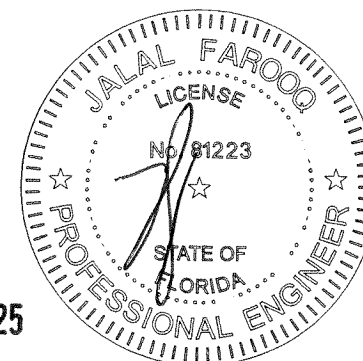


MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
114"	3/8"	3/4"
144"	1/2"	3/4"

NOTE:
MAX. MOVEMENT CONSIDERED=100% STRETCH.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.
GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.

PRODUCT REVISED
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NOA-No. **25-0908.06**
Expiration Date: **08/27/2030**
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Miami-Dade Product Control



SEP 04 2025

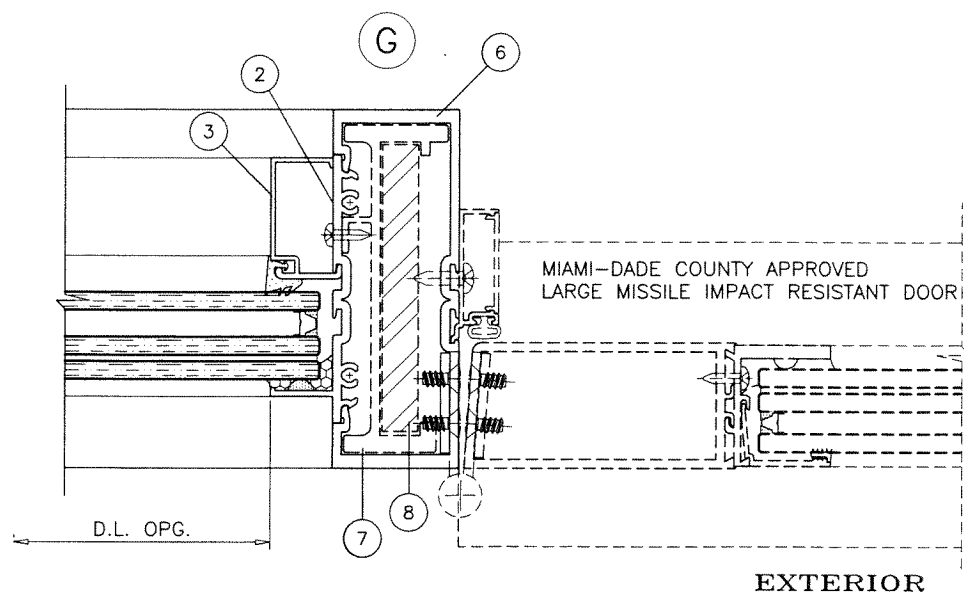
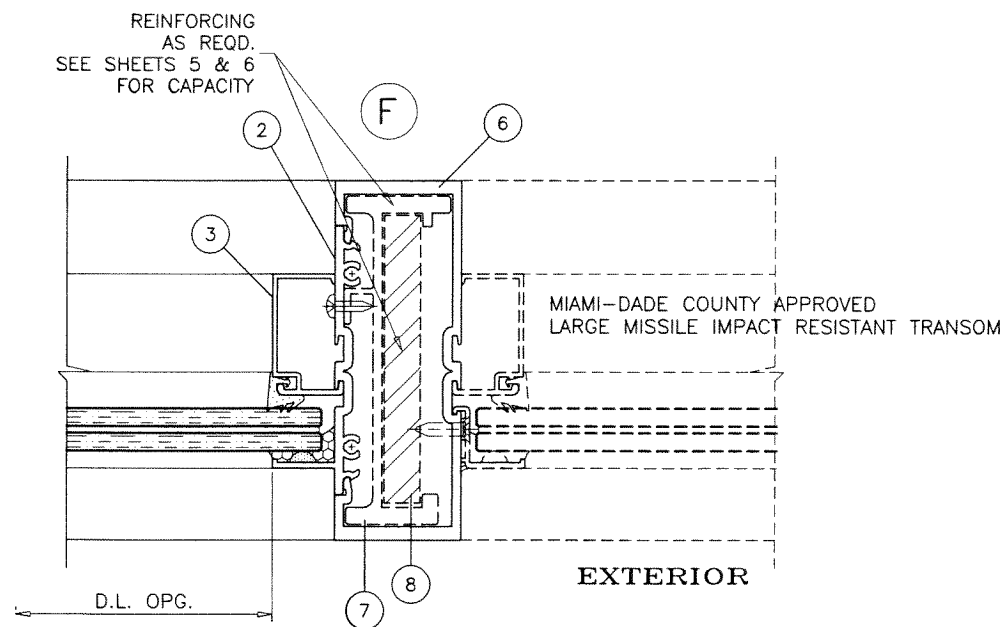
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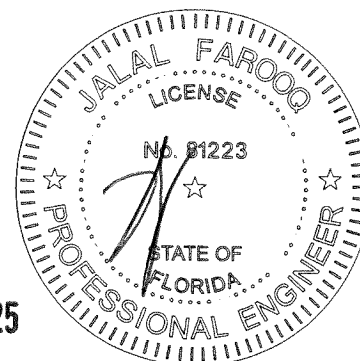
drawing no.
19-111D
sheet 8 of 11



SEE SEPARATE NOA FOR DESIGN LOAD
CAPACITY OF DOORS AND DOOR ANCHORS.

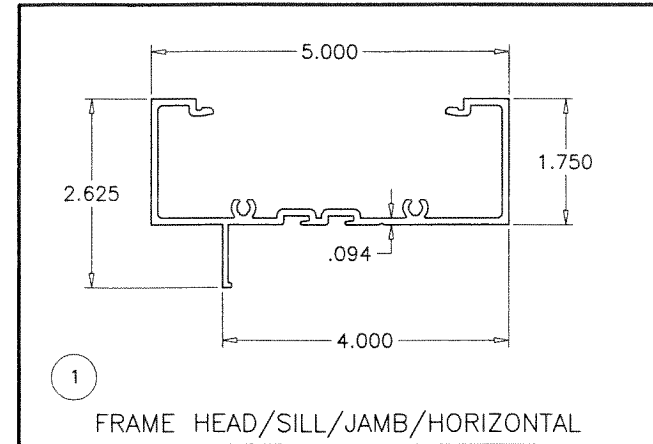
LOWER VALUES FROM DOORS NOA
OR WINDOW WALL SYSTEM CAPACITY CHARTS
WILL APPLY TO ENTIRE SYSTEM.

PRODUCT REVISED
As complying with the Florida
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Expiration Date: **08/27/2030**
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Miami-Dade Product Control

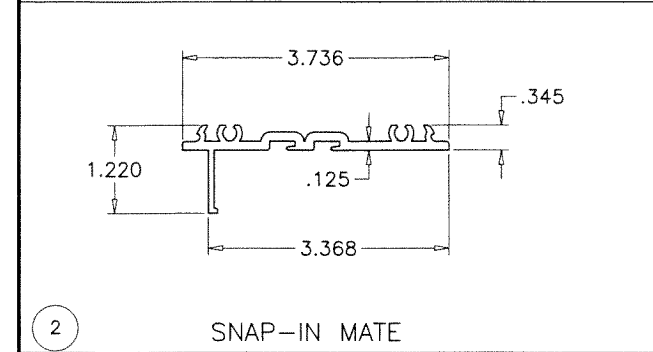


SEP 04 2025

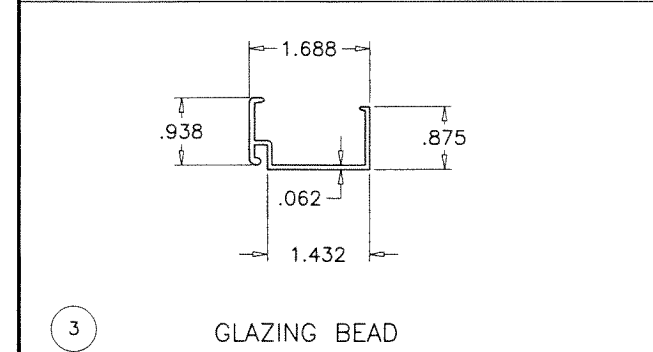
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 COMP-ANL \ 19-111D-WC																													
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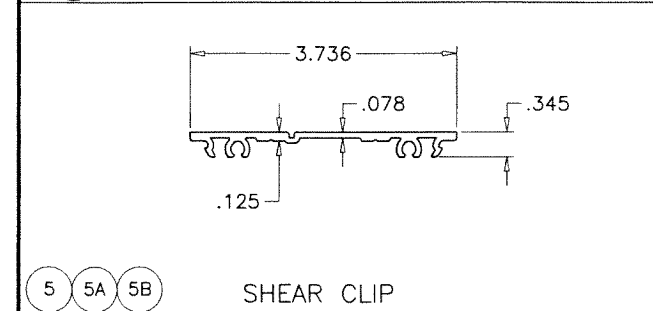
FRAME HEAD/SILL/JAMB/HORIZONTAL



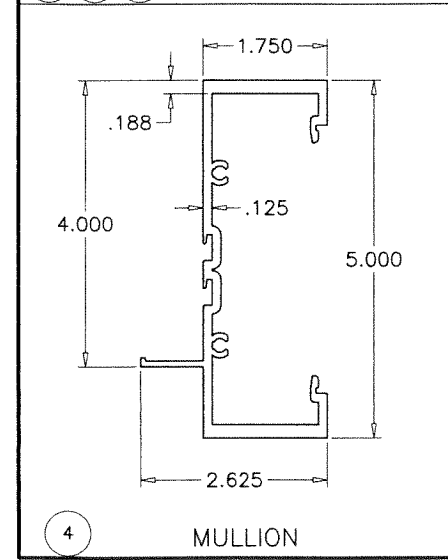
SNAP-IN MATE



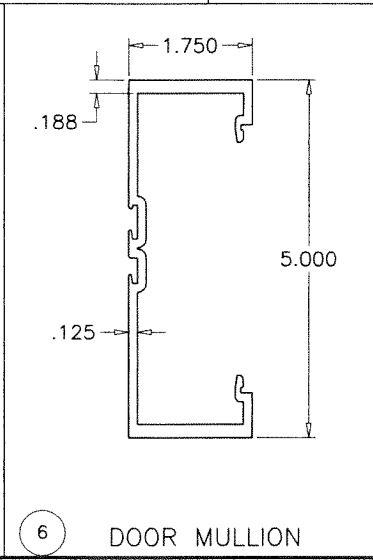
GLAZING BEAD



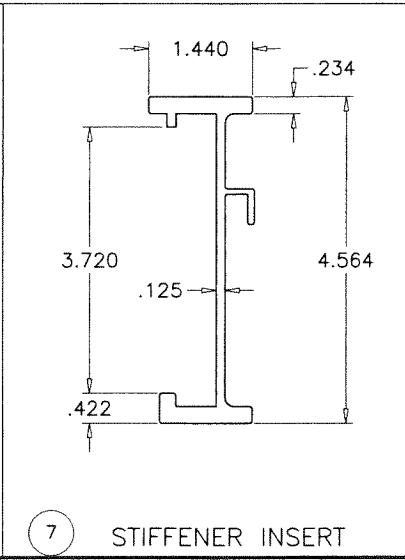
SHEAR CLIP



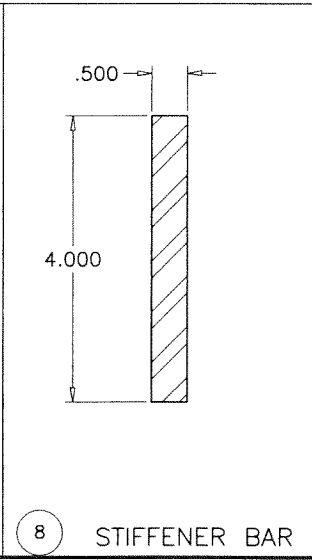
MULLION



DOOR MULLION



STIFFENER INSERT



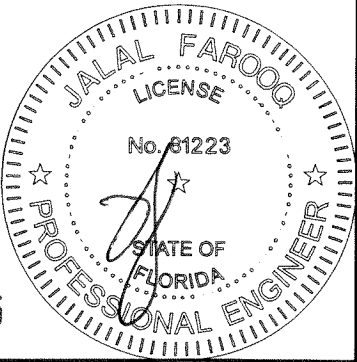
STIFFENER BAR

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	G1003	AS REQD.	FRAME HEAD/SILL/JAMB/HORIZONTAL	6063-T6	-
2	G1002	AS REQD.	SNAP-IN MATE	6063-T6	-
3	G1007	AS REQD.	GLAZING BEAD	6063-T6	-
4	G1001	AS REQD.	MULLION	6063-T6	-
5	G1004	AS REQD.	SHEAR CLIP, FULL LENGTH	6063-T6	-
5A	G1004	AS REQD.	SHEAR CLIP, 4" LONG AT ANCHOR LOCATIONS	6063-T6	-
5B	G1004	AS REQD.	SHEAR CLIP, LENGTH VARIES TO COVER ANCHOR SPACINGS	6063-T6	-
6	G1006	AS REQD.	DOOR MULLION	6063-T6	-
7	G1005	AS REQD.	STIFFENER INSERT	6063-T6	-
7A	1/4-20 X 1"	AS REQD.	STIFFENER FASTENERS, AT 24" O.C.	ST. STEEL	FH SMS
8	-	AS REQD.	STIFFENER BAR	GALV. STEEL	-
9	G1008	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 55±5 SHORE A
10	#12 X 1-1/4"	4/ CORNER	FRAME ASSEMBLY FASTENERS	ST. STEEL	PH SMS
11	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS (3/16" X 1/2" X 2" LONG)	EPDM	DUROMETER 80±5 SHORE A
12	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
13	-	-	-	-	-

SEALANTS:

ALL FRAME JOINTS AND SEAMS SEALED WITH SCHNEE-MOREHEAD SM5504 ACRYL-R SEAM SEALER.

PRODUCT REVISED
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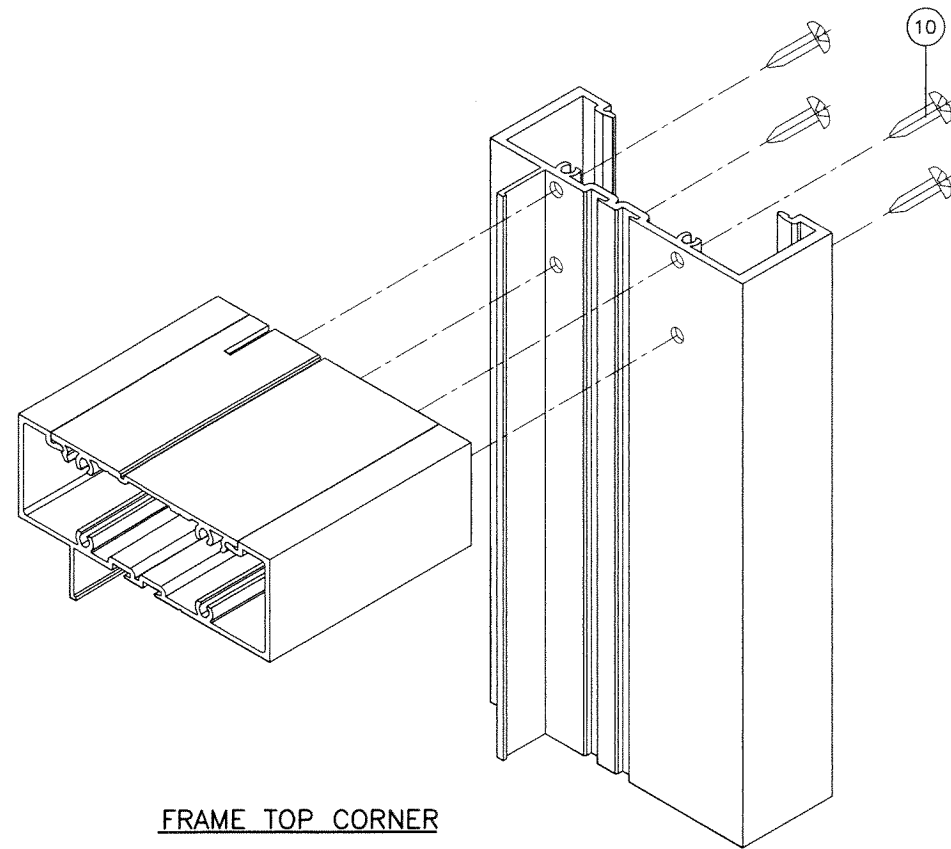
SERIES-1000 ALUM WINDOW WALL SYSTEM (L.M.I.)

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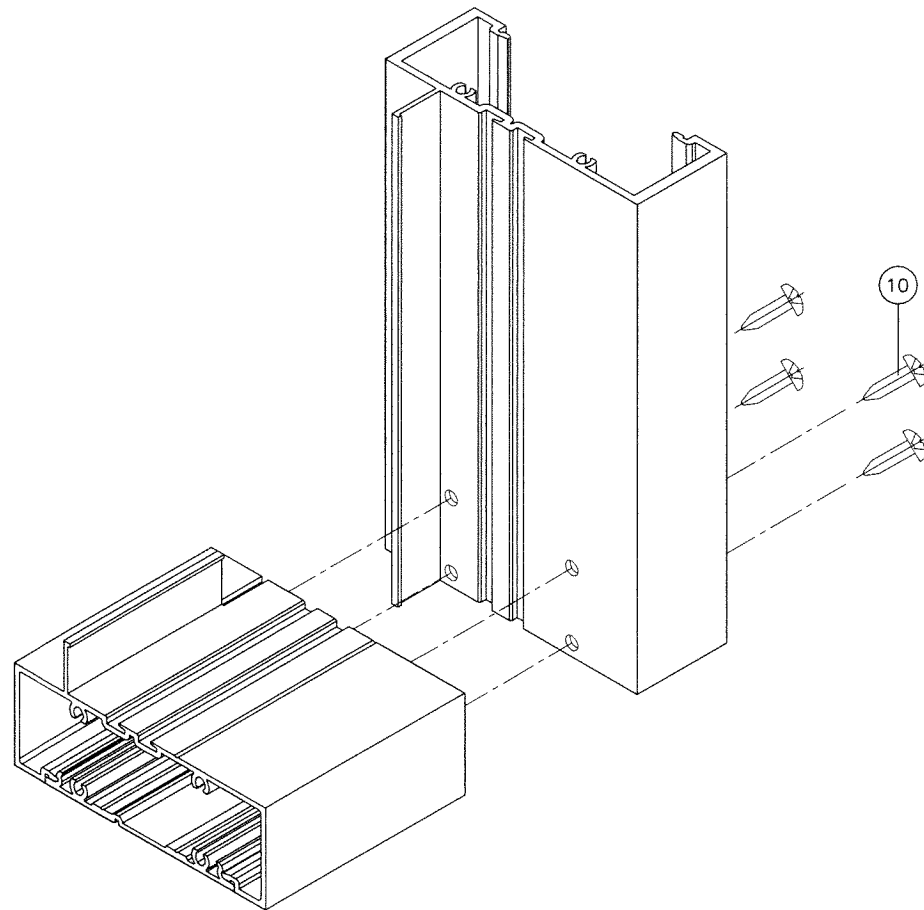
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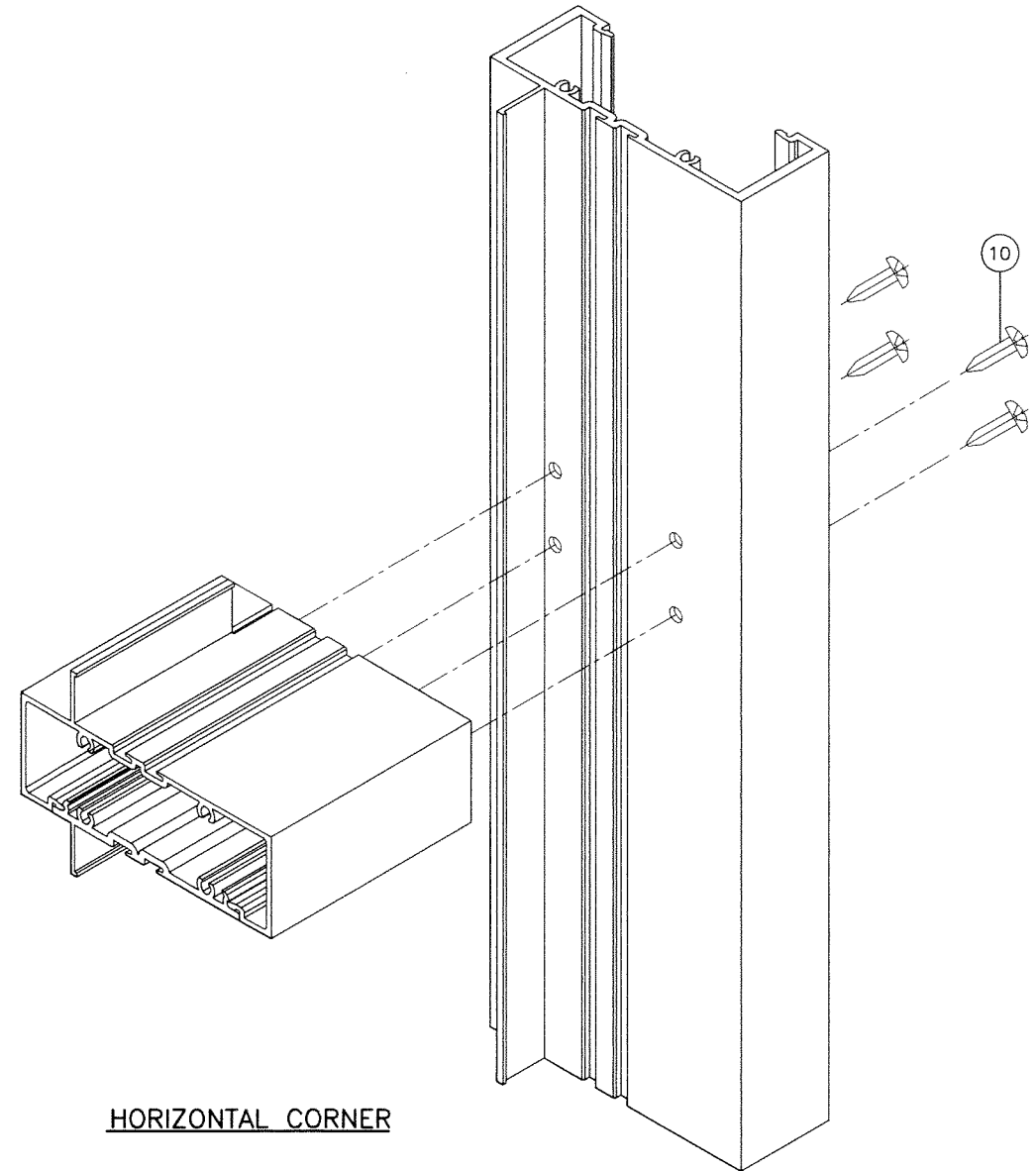
drawing no.
19-111D
sheet 10 of 11



FRAME TOP CORNER

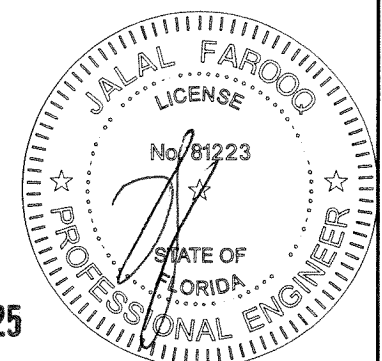


FRAME BOTTOM CORNER



HORIZONTAL CORNER

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af c
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