



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/building](http://www.miamidade.gov/building)

**Air Master Awning, LLC**  
**Road PR#2 Interior KM 56.7 (PO Box 2097)**  
**Barceloneta, PR 00617-2097**

### 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 "250" Aluminum Fixed Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **19-02D**, titled "AMG Certified Series 250 Alum. Fix. Wdw. (L.M.I.)", sheets 1, 2, 2.1, 3, 4, 5 and 6 of 6, dated 01/03/19, with revision **D** dated 10/09/23, 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.

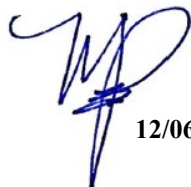
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 and renews** NOA No. **21-0106.03** 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.**



  
12/06/23

NOA No. **23-1113.03**  
Expiration Date: **March 26, 2030**  
Approval Date: **December 14, 2023**  
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. 19-1015.12)*
2. Drawing No. **19-02D**, titled "Series 250 Aluminum Fixed Wdw. (L.M.I)", sheets 1, 2, 2.1, 3. 4, 5 and 6 of 6, dated 01/03/19, with revision **B** dated 11/17/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.  
*(Submitted under NOA No. 21-0106.03)*

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series 250 aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-10328**, dated 09/10/18, signed and sealed by Idalmis Ortega, P.E.  
*(Submitted under NOA No. 19-1015.12)*
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 a series 250 aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-10847**, dated 08/09/19, signed and sealed by Idalmis Ortega, P.E.  
*(Submitted under NOA No. 19-1015.12)*
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Drop Load Test, per ANSI Z97.1, Class A, 400 ft-lb energy impact.  
along with marked-up drawings and installation diagram of a series 250 aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-10423**, dated 11/10/18, signed and sealed by Idalmis Ortega, P.E.  
*(Submitted under NOA No. 19-1015.12)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1113.03  
Expiration Date: March 26, 2030  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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

**B. TESTS (CONTINUED)**

- 4.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum single hung with sidelite, prepared by Blackwater Testing, Inc., Test Report No. **BT-AM-12-002**, dated 09/11/12, and addendum letter, dated 09/18/12, both signed and sealed by Yamil Gerardo Kuri, P.E.  
*(Submitted under NOA No. 15-0204.01)*

**C. CALCULATIONS**


- 1.** Anchor verification calculations and structural analysis, complying with FBC 6<sup>th</sup> Edition (2017), dated 08/13/19, and updated on 12/18/20 to comply with FBC 7<sup>th</sup> Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.  
*(Submitted under NOA No. 21-0106.03)*
- 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. **20-0622.03** issued to **Eastman Chemical Company (MA)** for their "**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 08/06/20, expiring on 12/11/23.
- 2.** Notice of Acceptance No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex PVB Clear and Color Glass Interlayers**" dated 08/06/20, expiring on 05/21/21.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-1113.03  
Expiration Date: March 26, 2030  
Approval Date: December 14, 2023

**Air Master Awning, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**


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

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, with **FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated December 18, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.  
*(Submitted under NOA No. 21-0106.03)*
2. Proposal No. **18-0693** issued by the Product Control Section, dated June 7, 2019, signed by Manuel Perez, P.E.  
*(Submitted under NOA No. 19-1015.12)*
3. Laboratory compliance letter for Test Report No. **BT-AM-12-002**, issued by Blackwater Testing, Inc., dated 09/11/12, signed and sealed by Yamil Gerardo Kuri, P.E.  
*(Submitted under NOA No. 15-0204.01)*

**G. OTHERS**

1. Notice of Acceptance No. **19-1015.12**, issued to Air Master Awning, LLC, for their Series "250" Aluminum Fixed Window – L.M.I., approved on 03/26/20 and expiring on 03/26/25.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1113.03  
Expiration Date: March 26, 2030  
Approval Date: December 14, 2023

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **19-02D**, titled “AMG Certified Series 250 Alum. Fix. Wdw. (L.M.I)”, sheets 1, 2, 2.1, 3, 4, 5 and 6 of 6, dated 01/03/19, with revision **D** dated 10/09/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**


1. Notice of Acceptance No. **22-1130.05** issued to **Eastman Chemical Company (MA)** for their “**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 01/26/23, expiring on 12/11/28.
2. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)**, with **FBC 8<sup>th</sup> Edition (2023)**, and of no financial interest, dated October 23, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **21-0106.03**, issued to Air Master Awning, LLC, for their Series “250” Aluminum Fixed Window – L.M.I., approved on 04/08/21 and expiring on 03/26/25.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1113.03  
Expiration Date: March 26, 2030  
Approval Date: December 14, 2023



AMG CERTIFIED SERIES  
SERIES 250: ALUMINUM FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 2.1

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/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.

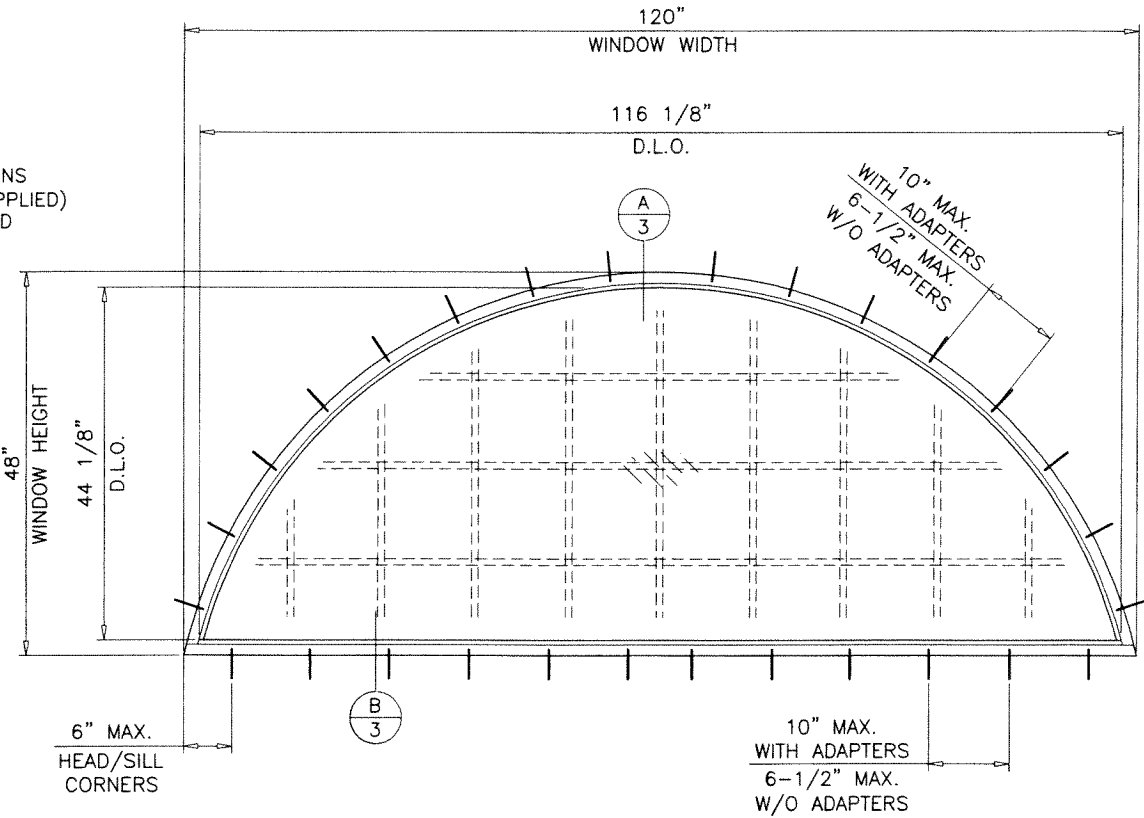
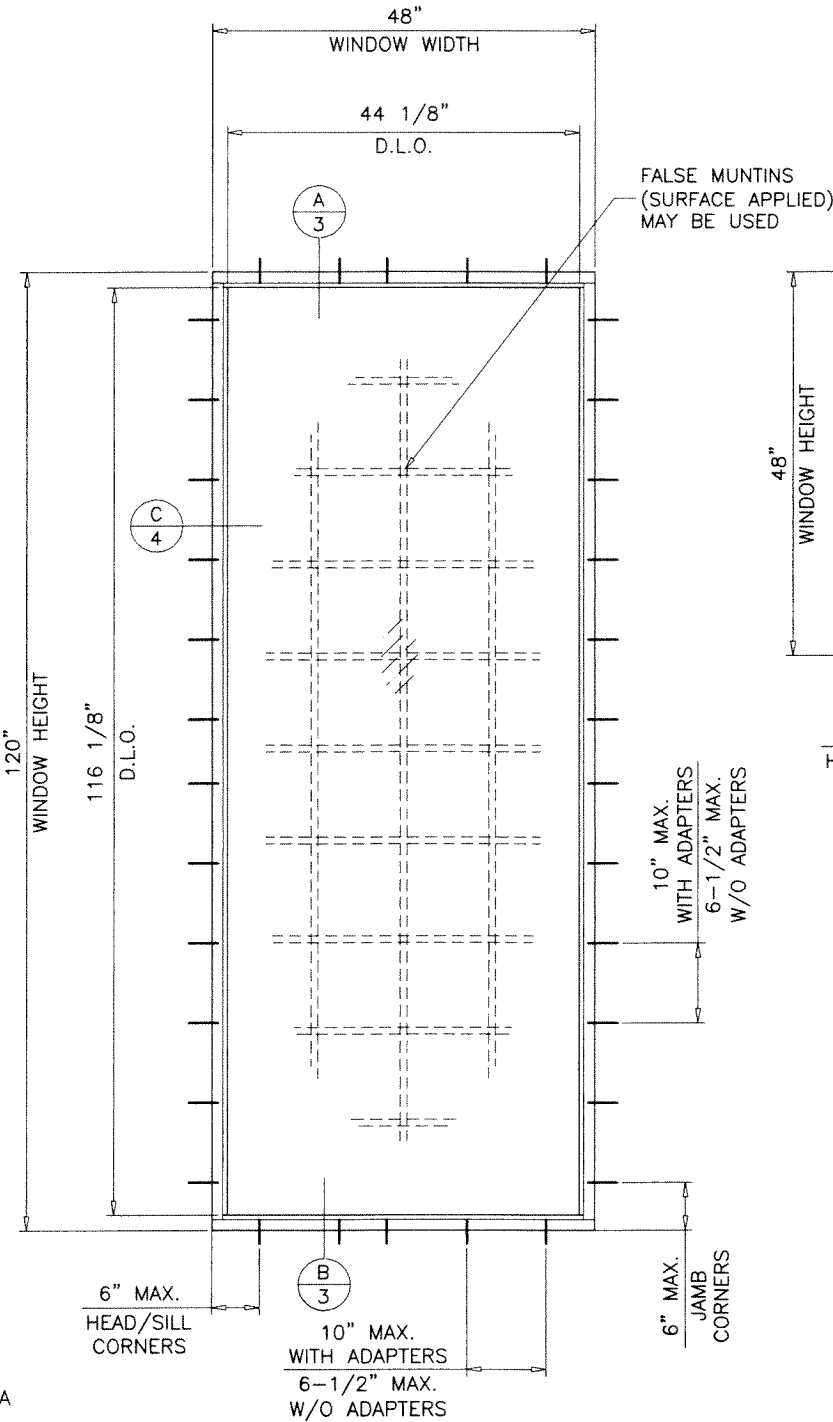
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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 2020/2023 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 ELEVATIONS

GLASS D.L.O. DIMS.

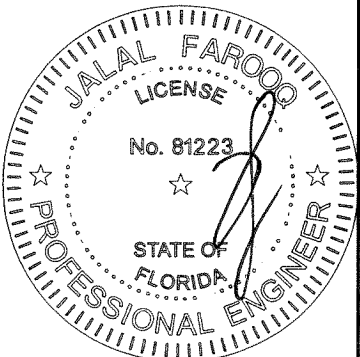
D.L.O. HEIGHT = WINDOW HEIGHT - 3.875"  
D.L.O. WIDTH = WINDOW WIDTH - 3.875"

WINDOWS COMPLIES WITH REQUIREMENTS OF ANSI Z97.1 WITH GLASS TYPE 'C' ONLY.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-1113.03**  
Expiration Date: **03/26/2030**  
By: *Manuel Perez*  
Miami-Dade Product Control

OCT 23 2023

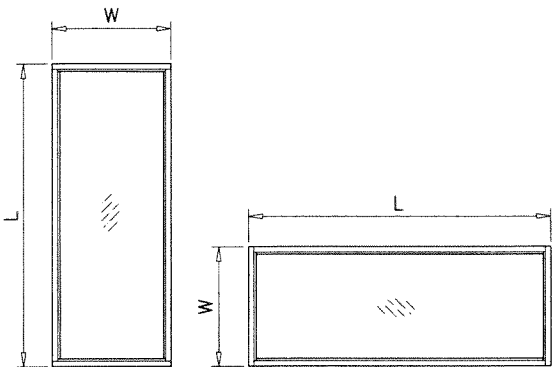


**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
(C.A.N. 3538)

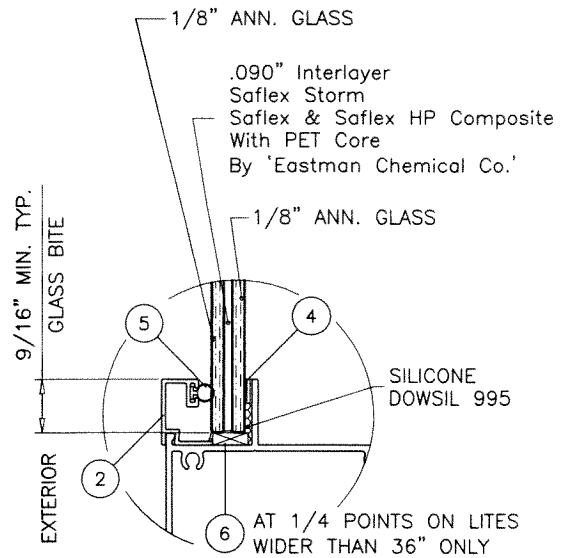
AMG CERTIFIED SERIES 250 ALUM. FIX. WDW. (L.M.I.)  
**AIR MASTER**  
GROUP  
P.O. Box 2097 Barcoloneta, P.R. 00617,  
TEL. (787) 623-1800, FAX. (787) 623-0087

revisions:	no	date	description	by
	A	02.21.20	REV. PER PER COMMENTS	
	B	11.17.20	UPDATED TO 2020 FBC	
	C	10.25.22	MANUF. NAME REV.	
	D	10.09.23	UPDATED TO 2023 FBC	
date:	01-03-19			
scale:	1/2"=1'-0"			
dr. by:	TARIO			
chk. by:				
drawing no.	19-02D			
sheet	1 of 6			

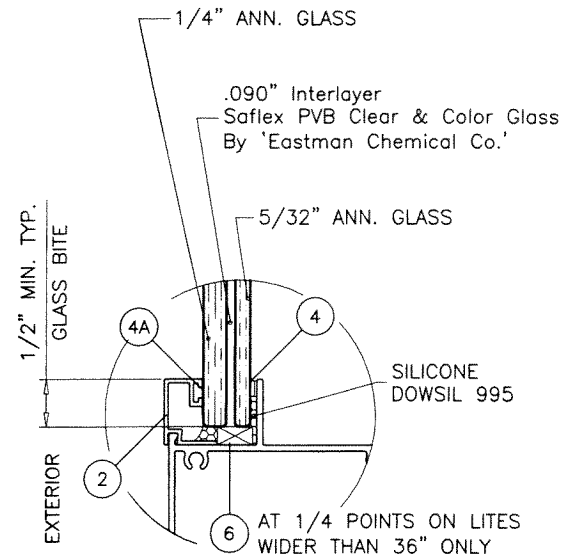
DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	38-3/8"	73.7	73.7	70.0	70.0	70.0	70.0
26-1/2"		73.7	73.7	70.0	70.0	70.0	70.0
32"		69.1	69.1	70.0	70.0	70.0	70.0
37"		59.8	59.8	70.0	70.0	70.0	70.0
53-1/8"		57.6	57.6	70.0	70.0	70.0	70.0
63"		-	-	70.0	70.0	70.0	70.0
19-1/8"	50-5/8"	73.7	73.7	70.0	70.0	70.0	70.0
26-1/2"		73.7	73.7	70.0	70.0	70.0	70.0
32"		69.1	69.1	70.0	70.0	70.0	70.0
37"		59.8	59.8	70.0	70.0	70.0	70.0
53-1/8"		-	-	56.9	56.9	66.4	66.4
63"		-	-	56.9	56.9	66.4	66.4
19-1/8"	63"	73.7	73.7	70.0	70.0	70.0	70.0
26-1/2"		73.7	73.7	70.0	70.0	70.0	70.0
32"		69.1	69.1	70.0	70.0	70.0	70.0
37"		-	-	70.0	70.0	70.0	70.0
53-1/8"		-	-	54.2	54.2	63.2	63.2
63"		-	-	45.7	45.7	53.3	53.3
19-1/8"	74-1/4"	73.7	73.7	70.0	70.0	70.0	70.0
26-1/2"		73.7	73.7	70.0	70.0	70.0	70.0
32"		-	-	70.0	70.0	70.0	70.0
37"		-	-	70.0	70.0	70.0	70.0
53-1/8"		-	-	54.2	54.2	63.2	63.2
63"		-	-	-	-	53.3	53.3
19-1/8"	76"	73.7	73.7	70.0	70.0	70.0	70.0
26-1/2"		73.7	73.7	70.0	70.0	70.0	70.0
32"		-	-	70.0	70.0	70.0	70.0
37"		-	-	70.0	70.0	70.0	70.0
53-1/8"		-	-	54.2	54.2	63.2	63.2
63"		-	-	-	-	53.3	53.3



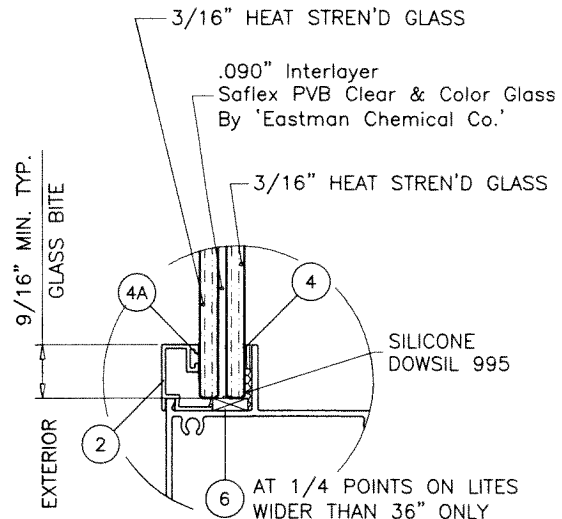
NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED  
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



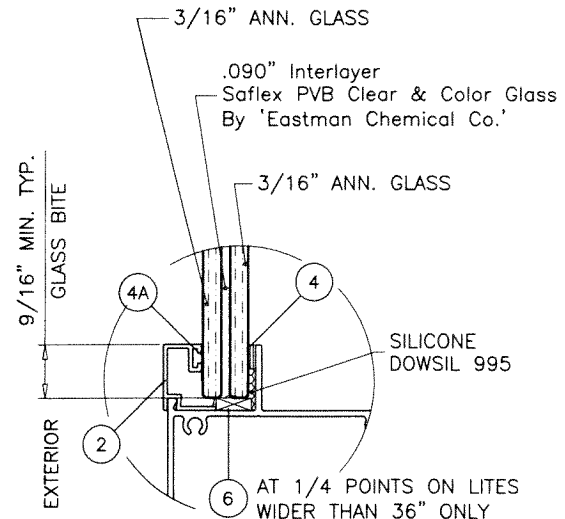
**GLASS TYPE 'A'**  
5/16" OVERALL LAM. GLASS



**GLASS TYPE 'B'**  
7/16" OVERALL LAM. GLASS



**GLASS TYPE 'C'**  
7/16" OVERALL LAM. GLASS



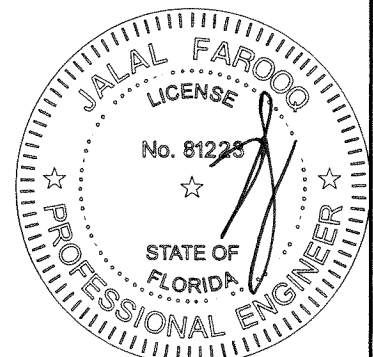
**GLASS TYPE 'D'**  
7/16" OVERALL LAM. GLASS

#### GLAZING OPTIONS

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

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **23-1113.03**  
Expiration Date: **03/26/2030**  
By: *Manuel Perez*  
Miami-Dade Product Control

OCT 23 2023



**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)

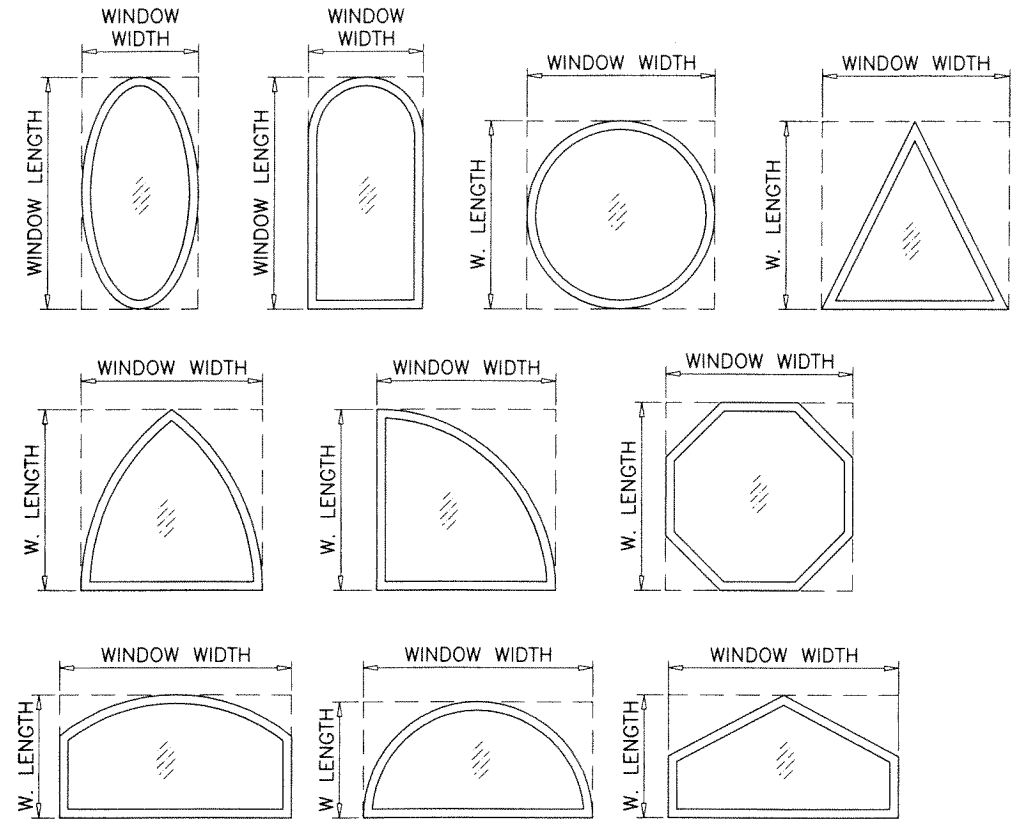
AMG CERTIFIED SERIES 250 ALUM. FIX. WDW. (L.M.I.)  
**AIR MASTER**  
GROUP  
P.O. Box 2097 Barceloneta, P.R. 00617,  
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revisions:	no	date	by	description
	A	02.21.20	REV. PER RER COMMENTS	
	B	11.17.20	UPDATED TO 2020 FBC	
	C	10.25.22	MANUF. NAME REV.	
	D	10.09.23	UPDATED TO 2023 FBC	
date:	01-03-19			
scale:	1/2" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	19-02D			
sheet	2 of 6			

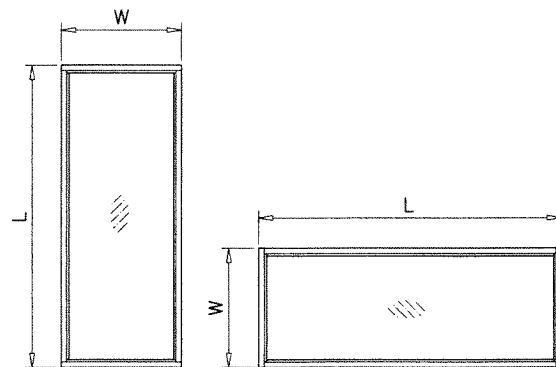


DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	30"	73.7	73.7	70.0	70.0	70.0	70.0
36"		73.7	73.7	70.0	70.0	70.0	70.0
42"		73.7	73.7	70.0	70.0	70.0	70.0
48"		73.7	73.7	70.0	70.0	70.0	70.0
54"		73.7	73.7	70.0	70.0	70.0	70.0
60"		73.7	73.7	70.0	70.0	70.0	70.0
30"	36"	73.7	73.7	70.0	70.0	70.0	70.0
36"		61.4	61.4	70.0	70.0	70.0	70.0
42"		61.4	61.4	70.0	70.0	70.0	70.0
48"		61.4	61.4	70.0	70.0	70.0	70.0
54"		61.4	61.4	70.0	70.0	70.0	70.0
60"		61.4	61.4	70.0	70.0	70.0	70.0
30"	48"	73.7	73.7	70.0	70.0	70.0	70.0
36"		61.4	61.4	70.0	70.0	70.0	70.0
42"		52.6	52.6	68.6	68.6	70.0	70.0
48"		-	-	60.0	60.0	70.0	70.0
54"		-	-	60.0	60.0	70.0	70.0
60"		-	-	60.0	60.0	70.0	70.0
30"	54"	73.7	73.7	70.0	70.0	70.0	70.0
36"		61.4	61.4	70.0	70.0	70.0	70.0
42"		52.6	52.6	68.6	68.6	70.0	70.0
48"		-	-	60.0	60.0	70.0	70.0
54"		-	-	53.3	53.3	62.2	62.2
60"		-	-	53.3	53.3	62.2	62.2
30"	60"	73.7	73.7	70.0	70.0	70.0	70.0
36"		61.4	61.4	70.0	70.0	70.0	70.0
42"		-	-	68.6	68.6	70.0	70.0
48"		-	-	60.0	60.0	70.0	70.0
54"		-	-	53.3	53.3	62.2	62.2
60"		-	-	48.0	48.0	56.0	56.0
30"	76"	67.1	67.1	70.0	70.0	70.0	70.0
36"		-	-	70.0	70.0	70.0	70.0
42"		-	-	68.6	68.6	70.0	70.0
48"		-	-	60.0	60.0	70.0	70.0
54"		-	-	53.3	53.3	62.2	62.2
60"		-	-	48.0	48.0	56.0	56.0
30"	84"	-	-	70.0	70.0	70.0	70.0
36"		-	-	70.0	70.0	70.0	70.0
42"		-	-	68.6	68.6	70.0	70.0
48"		-	-	60.0	60.0	70.0	70.0
54"		-	-	53.3	53.3	62.2	62.2
60"		-	-	-	-	56.0	56.0
30"	96"	-	-	70.0	70.0	70.0	70.0
36"		-	-	70.0	70.0	70.0	70.0
42"		-	-	65.8	65.8	70.0	70.0
48"		-	-	60.0	60.0	70.0	70.0
54"		-	-	-	-	62.2	62.2
60"		-	-	-	-	56.0	56.0
30"	108"	-	-	70.0	70.0	70.0	70.0
36"		-	-	70.0	70.0	70.0	70.0
42"		-	-	63.8	63.8	70.0	70.0
48"		-	-	-	-	70.0	70.0

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	120"	-	-	70.0	70.0	70.0	70.0
36"		-	-	70.0	70.0	70.0	70.0
42"		-	-	-	-	70.0	70.0
48"		-	-	-	-	70.0	70.0
30"	132"	-	-	70.0	70.0	70.0	70.0
36"		-	-	-	-	70.0	70.0
42"	144"	-	-	70.0	70.0	70.0	70.0
36"		-	-	-	-	70.0	70.0



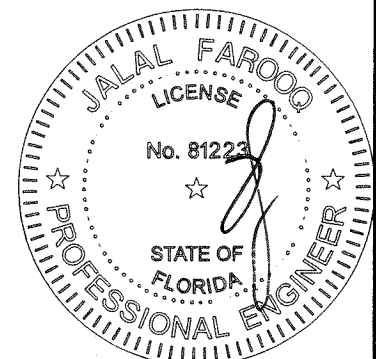
ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

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Miami-Dade Product Control

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

AMG CERTIFIED SERIES 250 ALUM. FIX. WDW. (L.M.I.)

**AIR MASTER GROUP**  
P.O. Box 2097 Barceloneta, P.R. 00617,  
TEL. (787) 623-1800, FAX. (787) 623-0087

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date: 01-03-19

scale: 1/2" = 1"

dr. by: TARIQ

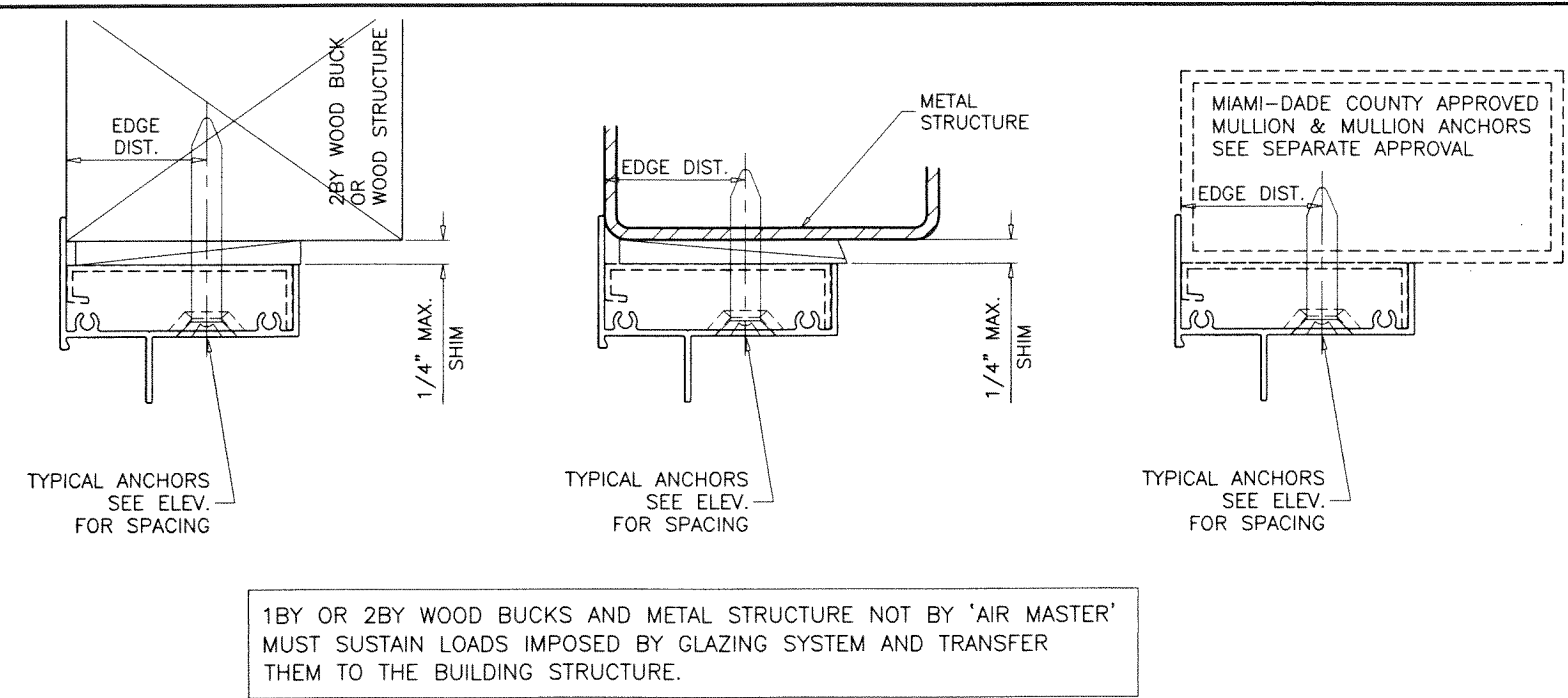
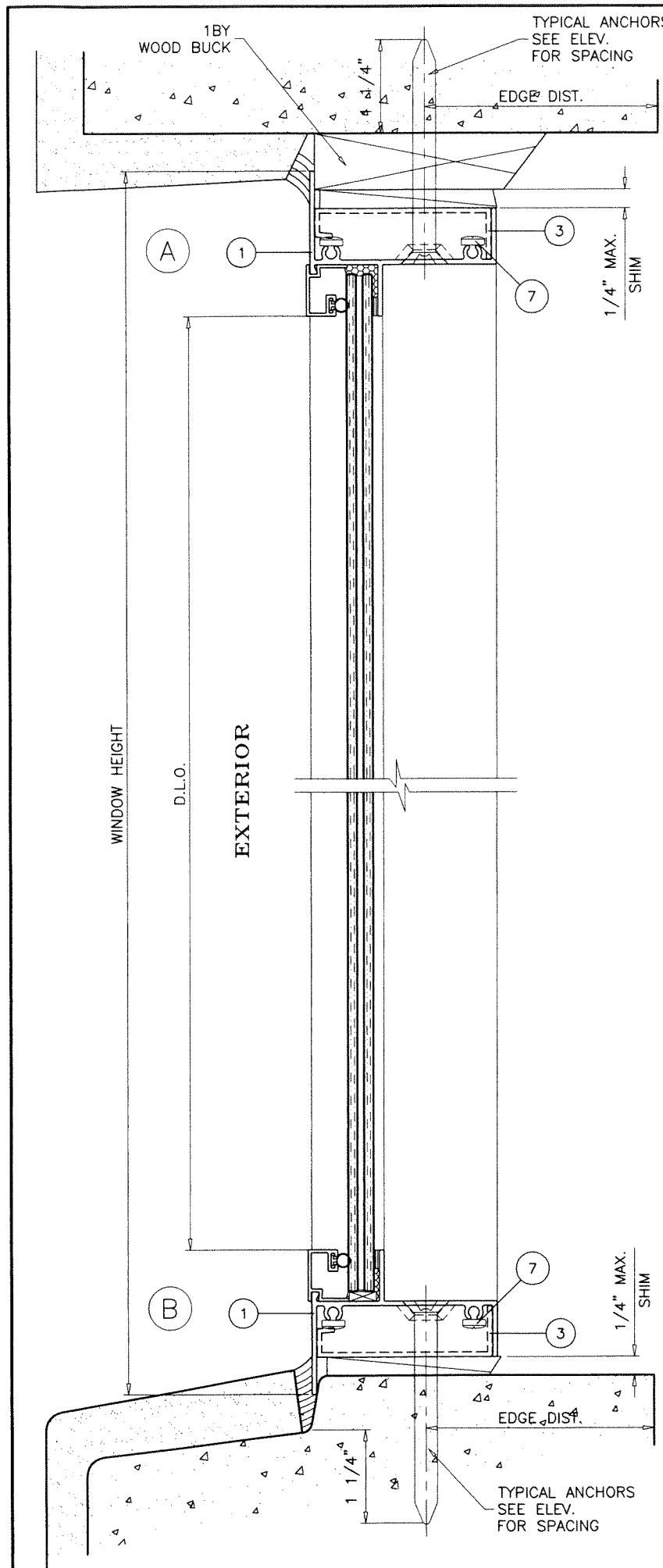
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drawing no.  
**19-02D**

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COMP-ANL\19-02D-AM





1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'AIR MASTER' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS WITH FRAME ADAPTERS:** SEE ELEV. FOR SPACING

**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)

**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 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**TYPICAL ANCHORS WITHOUT FRAME ADAPTERS:** SEE ELEV. FOR SPACING

**5/16" DIA. ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI) INTO WOOD STRUCTURES 2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS) THRU 1BY OR 2BY 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 2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 2" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

**5/16" 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)

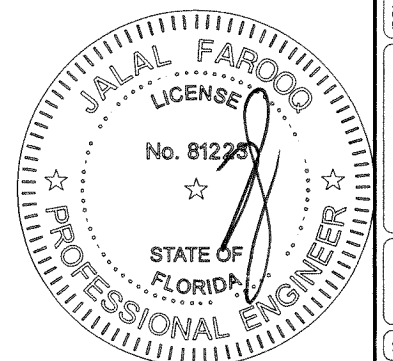
**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND BLOCKS = 3-1/8" MIN.  
INTO WOOD STRUCTURE = 1-1/4" 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 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL 19-02D-AM

**AIR MASTER GROUP**  
P.O. Box 2097 Barceloneta, P.R. 00617.  
TEL. (787) 623-1800, FAX. (787) 623-0087

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no	date	by	description
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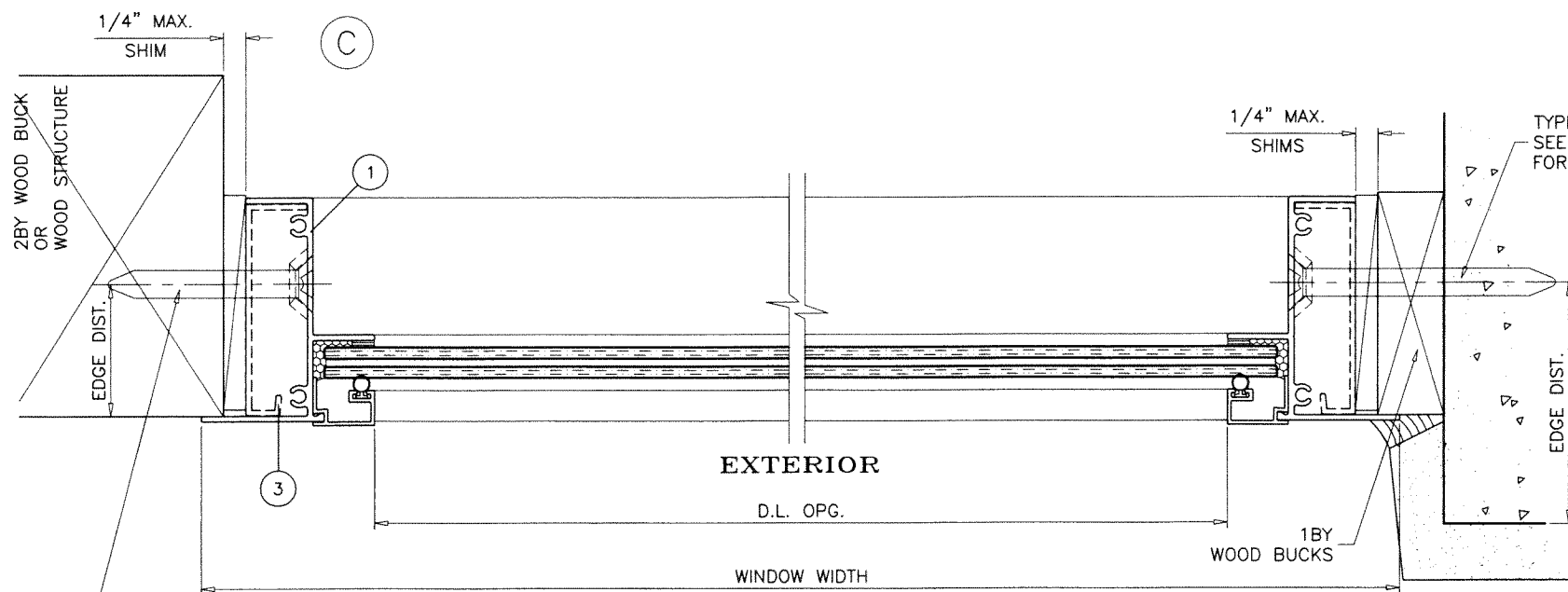
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dr. by: TARIQ

chk. by:

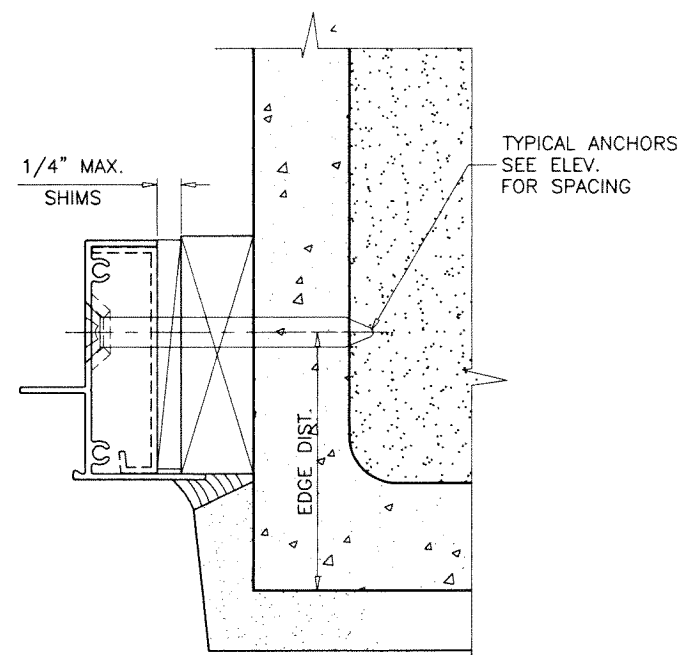
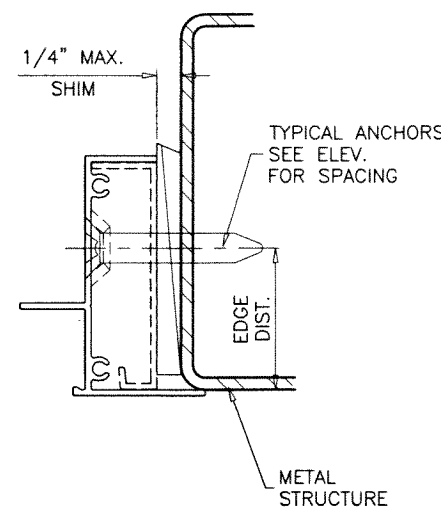
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**19-02D**

sheet **3** of **6**

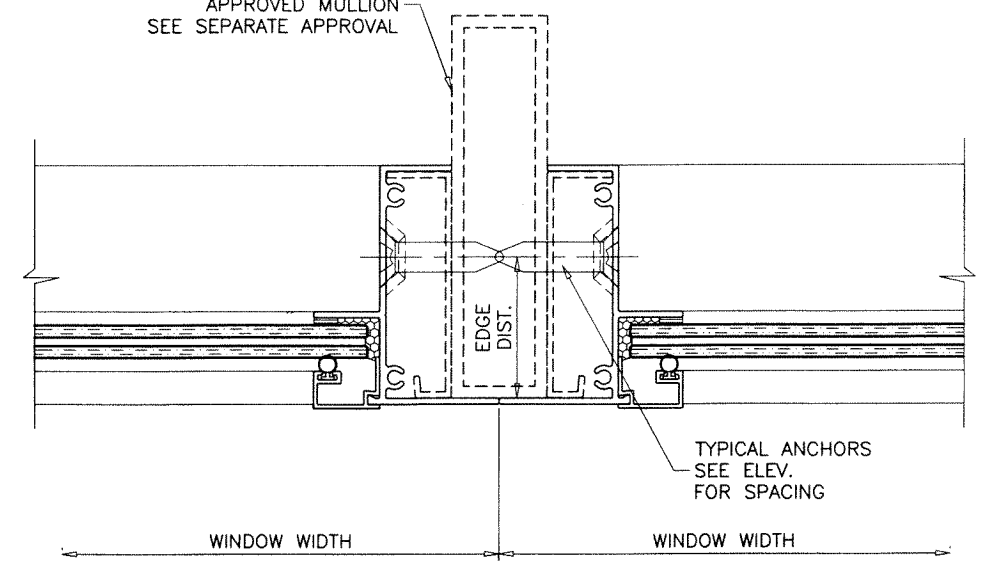


TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

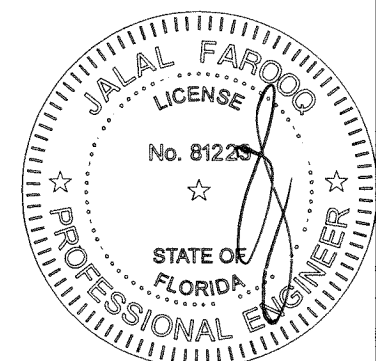


MIAMI-DADE COUNTY  
APPROVED MULLION  
SEE SEPARATE APPROVAL



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ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
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COMP-ANL\19-02D-AM

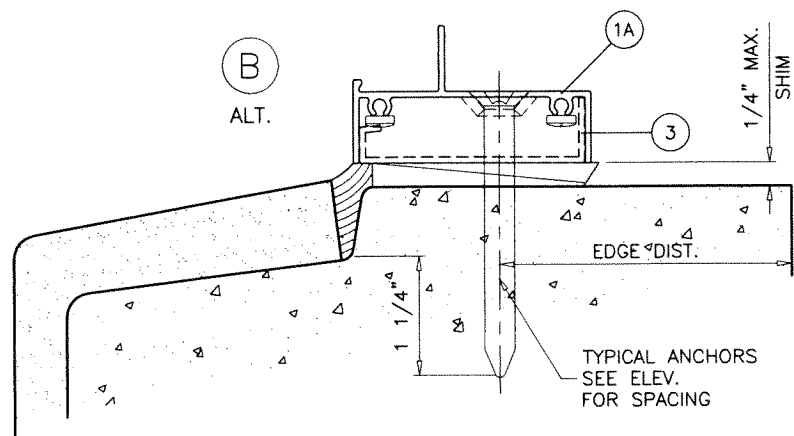
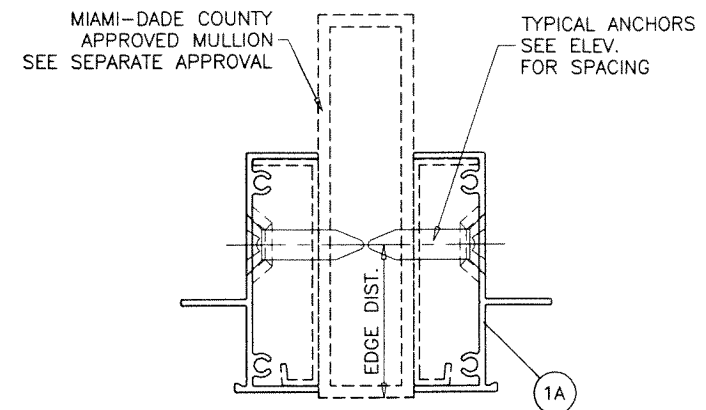
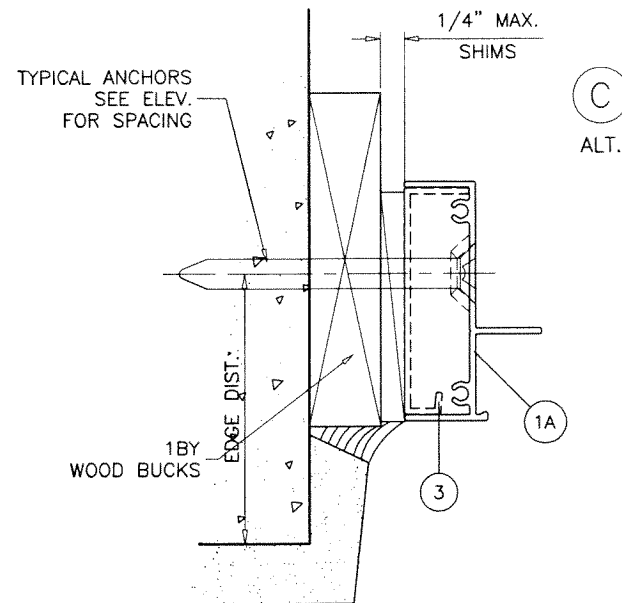
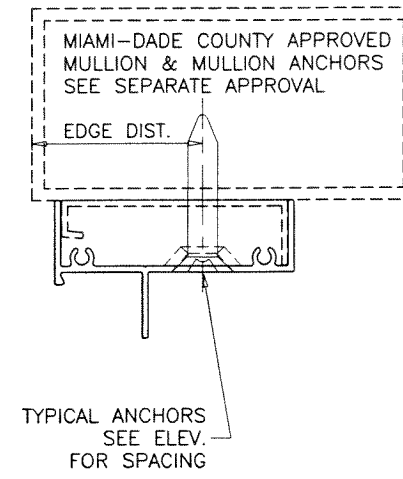
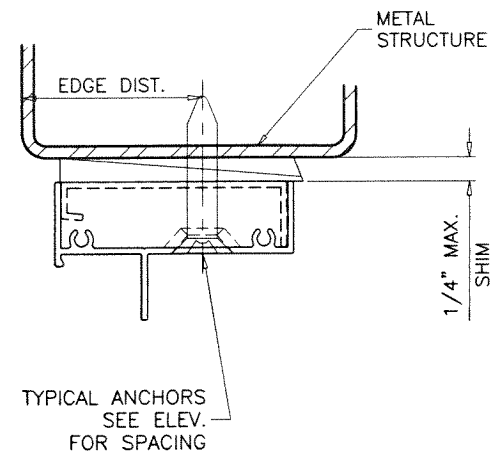
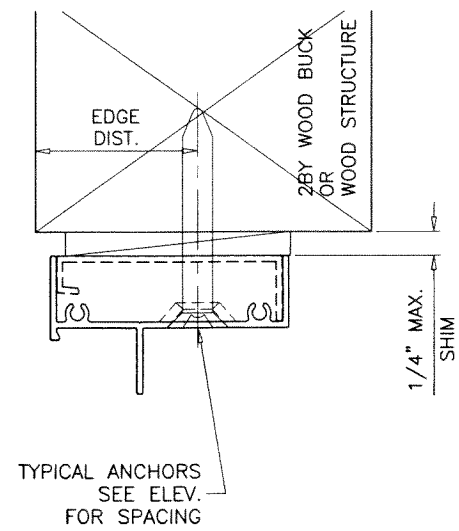
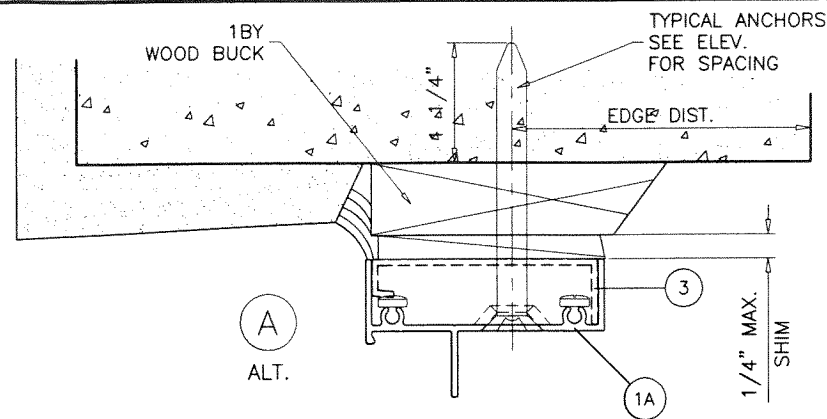
AMG CERTIFIED SERIES 250 ALUM. FIX. WDW. (L.M.I.)

**AIR MASTER**  
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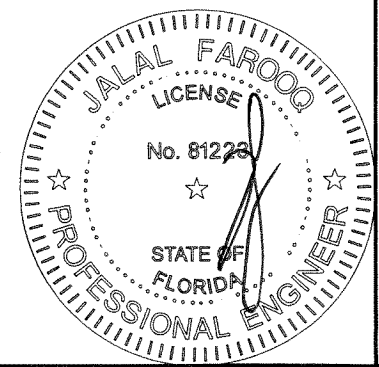
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drawing no. 19-02D	sheet 4 of 6		



**INSTALLATION DETAILS WITH EQUAL LEG FRAMES**  
 EQUAL LEG FRAMES CAN BE USED AT ALL SUBSTRATES SHOWN ON SHEETS 3 & 4  
 SEE SHEETS 3 & 4 FOR WINDOW DETAILS

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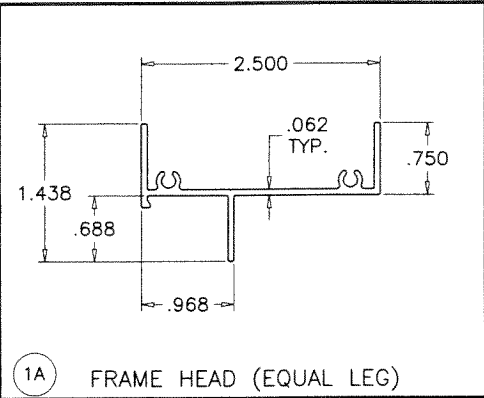
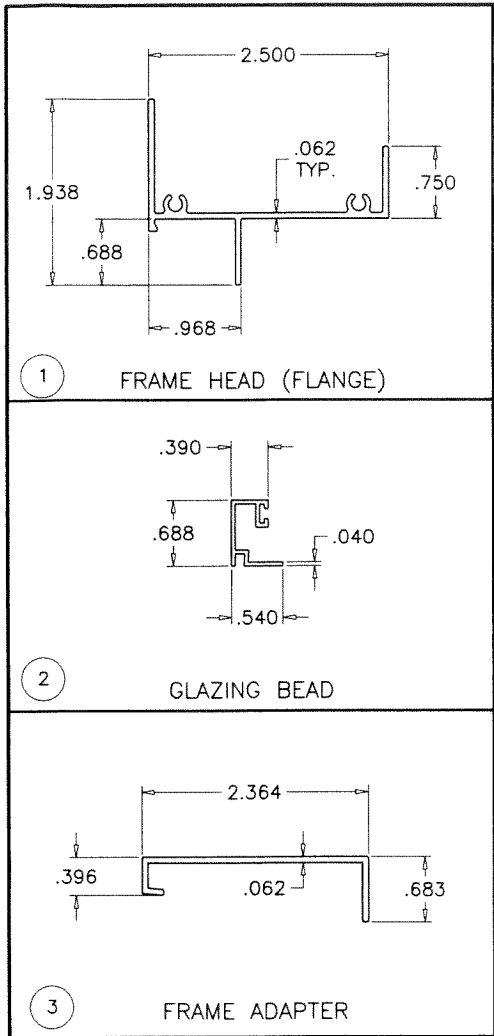
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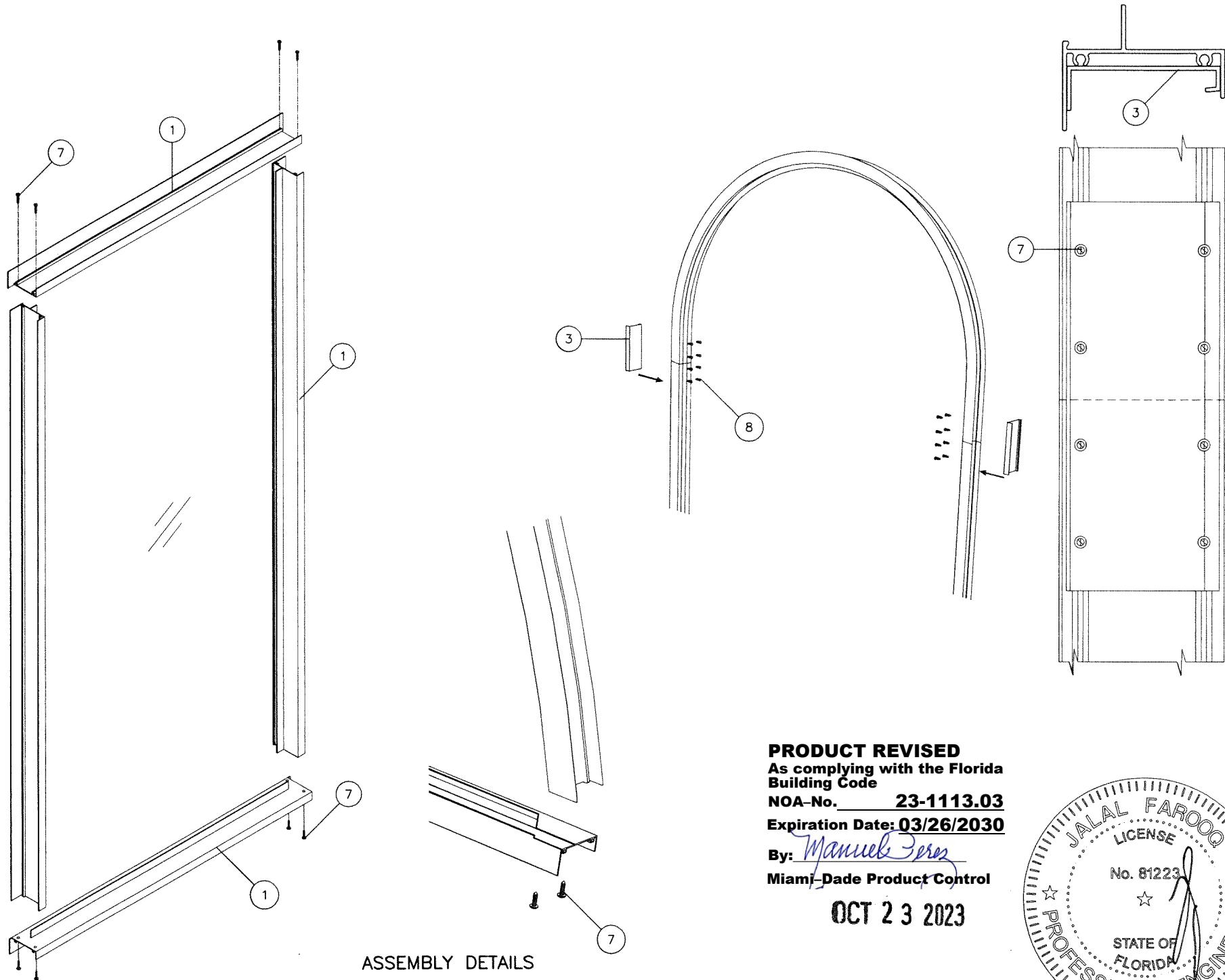
  

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sheet 5 of 6			

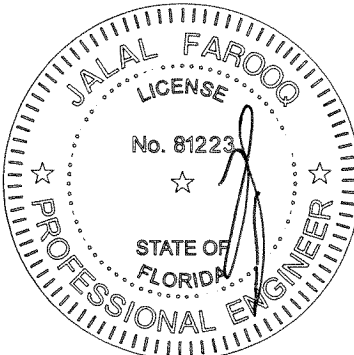




ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	22018	1	FRAME HEAD (FLANGE)	6063-T5	-
1A	22017	1	FRAME HEAD (EQUAL LEG)	6063-T5	-
2	22250	AS RQD.	GLAZING BEAD	6063-T5	-
3	22715	AS REQD.	FRAME ADAPTER (OPTIONAL)	6063-T5	REQD. FOR 1/4" DIA. ANCHORS
4	96707	AS REQD.	DOUBLE FACE GLAZING TAPE (VHB 4991B)	-	3M
4A	96690	AS REQD.	DOUBLE FACE GLAZING TAPE (VHB 5930)	-	3M
5	96936	AS REQD.	GLAZING BEAD BULB	SILICONE	MSW, DUROMETER 65±5 SHORE A
6	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
7	95591	AS REQD.	FRAME ASSEMBLY FASTENERS	ST. STEEL	#8 X 1-1/2" PH SMS
8	94657	AS REQD.	FRAME ASSEMBLY FASTENERS	ST. STEEL	#10 X 3/4" FH SMS



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 sheet 6 of 6