



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

Officina, Inc.

7549-7551 Biscayne Blvd.

Miami, FL 33138

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 "Korus – Firenze – Venezia – Roma" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-69 Rev J**, titled "Korus – Firenze – Venezia – Roma Alum. Fixed Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 09/13/07 and last revised on FEB 02, 2024, 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, **Latina, Italy**, 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 & renews** NOA No. **18-0719.05** 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 **Ishaq I. Chanda, P.E.**

Ishaq I. Chanda



NOA No. 24-0213.02

Expiration Date: March 07, 2029

Approval Date: March 07, 2024

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. 09-0128.12)
2. Drawing No. **W07-69**, titled "Korus - Firenze - Venezia - Roma Alum. Fixed Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 09/13/07, with revision **G** dated 02/01/17, 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of aluminum fixed windows rectangular, round top and eyebrow top, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7101**, dated 04/01/13, signed and sealed by Marlin D. Brinson, P.E. *(Submitted under NOA No. 13-0820.17)*
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum fixed windows rectangular, round top and eyebrow top, **specimen No. 9**, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0458-0605-07**, dated 06/04/08, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA No. 09-0128.12)*
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
along with marked-up drawings and installation diagram of aluminum fixed windows rectangular, round top and eyebrow top, **specimens No. 5, 8, 10, 11 & 12**, prepared by Hurricane Test Laboratory, LLC, Test Reports No. **HTL-0458-0108-07** and **HTL-0458-0605-07**, dated 3/8/07 to 6/19/07, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA No. 09-0128.12)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 01/27/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.02
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 01/19/17, expiring on 07/08/19. (Formerly Butacite®)
2. 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.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 06/19/14, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated January 27, 2017, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report No. **FTL-7101**, dated 04/01/13, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P.E. *(Submitted under previous NOA No. 13-0820.17)*
3. Laboratory compliance letter for Test Reports No. **HTL-0458-0605-07**, dated 06/04/08, **HTL-0458-0108-07**, dated 03/08/07 and **HTL-0458-0605-07**, dated 06/19/07, issued by Hurricane Test Laboratory, LLC, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA No. 09-0128.12)*
4. Distributor Agreement, dated 02/09/17, between manufacturer: Korus, Spa, Italy and distributor: Officina, Inc., signed by Filippo Piccone and Michele Laurito on behalf of respective companies.
5. Letter from Officina, Inc. stating that they purchased assets from Korus USA, Inc. and requesting NOA in their name, dated 01/24/17, signed by Michele Laurito, CEO
6. Bill of Sale and Assignment Agreement dated January 20, 2017, signed by seller: Gianfranco Ippoliti for Korus USA, Inc. and buyer: Michele Laurito for Officina, Inc.
7. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture or distribute the product and relinquish their rights to the current NOA, as well as the trade name, dated January 24, 2017, signed by Gianfranco Ippoliti, president, Korus USA, Inc.

G. OTHERS

1. Notice of Acceptance No. **13-0820.17**, issued to Korus USA, Inc. for their Series “**Firenze – Venezia – Roma**” Wood Clad (Interior) Aluminum Fixed Window – L.M.I.”, approved on 01/30/14 and expiring on 01/10/17.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.02
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **W07-69**, titled “Korus – Firenze – Venezia – Roma Alum. Fixed Wdw. (L.M.I.)”, sheets 1 through 6 of 6, dated 09/13/07, with revision **H** dated 06/27/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 01/27/17 and updated on 06/08/18, 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)

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.
3. Notice of Acceptance No. **17-0712.03** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 09/07/17, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated June 8, 2018, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-0210.01**, issued to Officina, Inc., for their Series “Korus – Firenze – Venezia – Roma” Aluminum Fixed Window – L.M.I.”, approved on 03/23/17 and expiring on 01/10/22.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.02
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence submitted

A. DRAWINGS

1. Drawing No. **W07-69 Rev J**, titled “Korus – Firenze – Venezia – Roma Alum. Fixed Wdw. (L.M.I.)”, sheets 1 through 6 of 6, dated 09/13/07 and last revised on FEB 02, 2024, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2023 (8th Edition) , prepared by Al Farooq Corporation, last revised on 05/20/22, signed and sealed by Jalal Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0717.30** issued to Kuraray America, Inc. for the “**Sentry Glass clear & white ® Interlayer**”, expiring on 07/4/28.
2. Notice of Acceptance No. **23-0717.28** issued to **Kuraray America, Inc.** for the “Kuraray Trosifol Ultra clear and color PVB Interlayer, expiring on 07/08/24.
3. Notice of Acceptance No. **23-0713.21** issued to Eastman Chemical Company (MA), Inc. for their “**Saflex -Storm, Saflex and Saflex HP** composite interlayer w/ PET core” for laminated glass, expiring on 12/11/28.

F. STATEMENTS

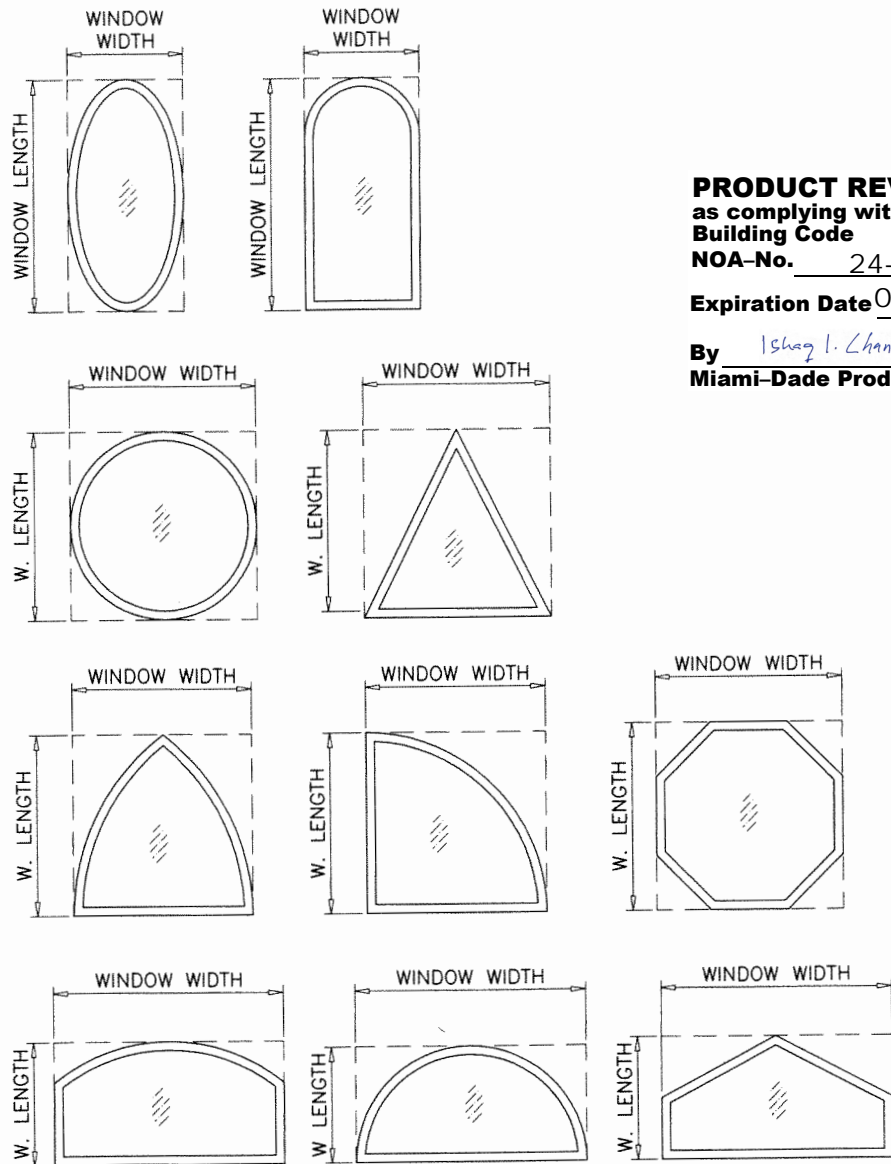
1. Statement letter of conformance to FBC 2023 (8th Edition) and letter of no financial interest, dated Jan 26, 2024, prepared by Al Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA **revises & renews NOA No. 18-0719.05**, updates to FBC 2023, expiring **03/07/29**.
2. Distribution agreement dated 02/28/204 between manufacturer, Komany, SRL, Italy and Officina, Inc (distributor), signed by Domenico Piccone, director and Domenico Piccone, vice president on behalf of respective companies.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.02
Expiration Date: March 07, 2029
Approval Date: March 07, 2024



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0213.02
Expiration Date 03/07/2029
By Ishag I. Chande
Miami-Dade Product Control

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.

SERIES KORUS-FIRENZE-VENEZIA-ROMA ALUMINUM FIXED WINDOW WITH OPTIONAL WOOD CLAD INTERIOR

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D 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 SHEET 2.

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.

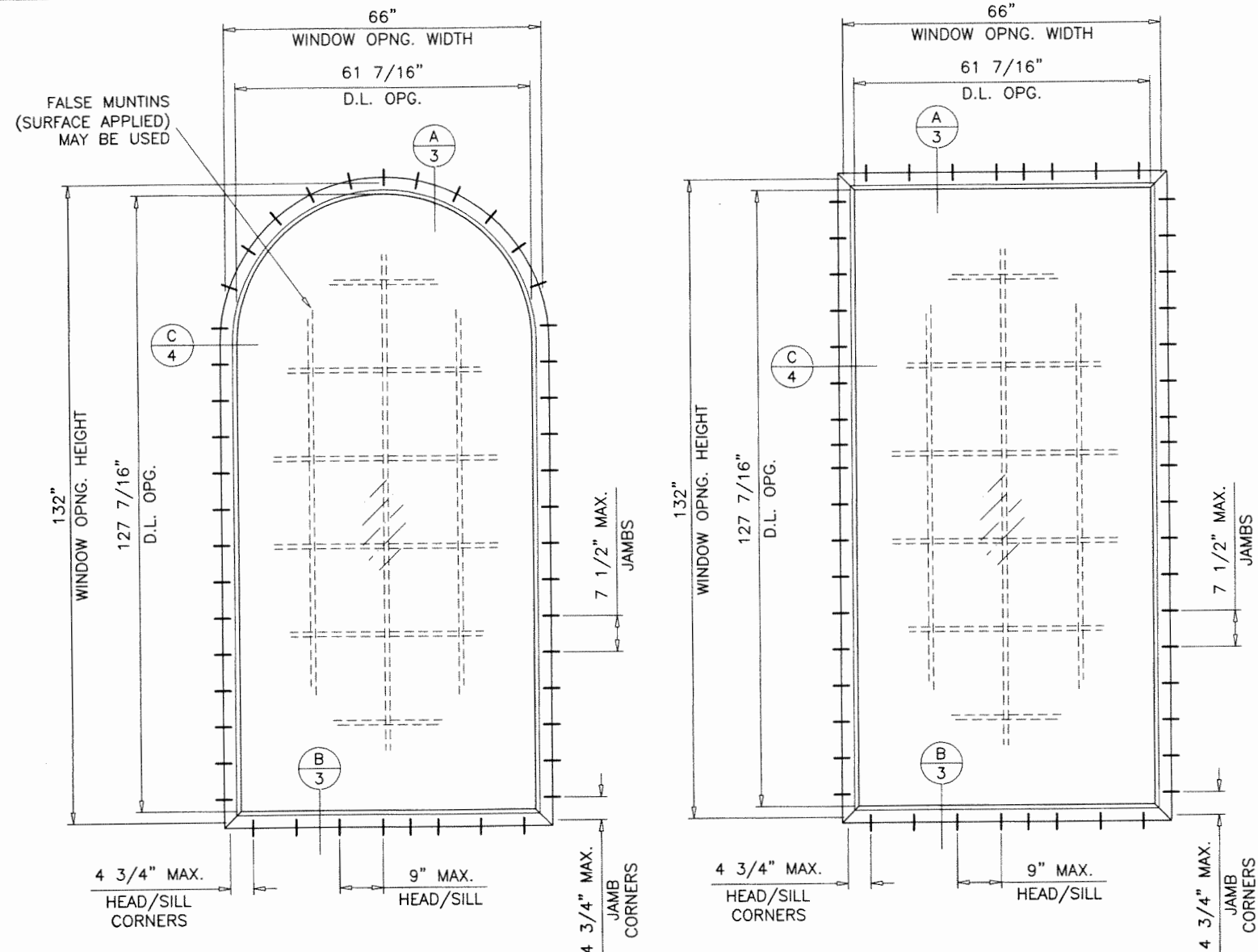
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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.

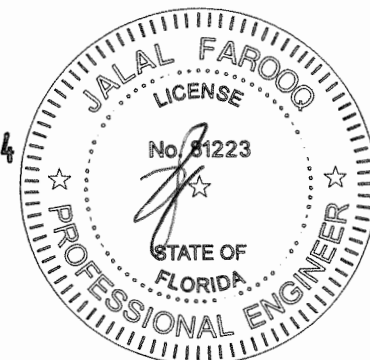
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.



TYPICAL ELEVATIONS
TESTED UNITS

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

FEB 02 2024



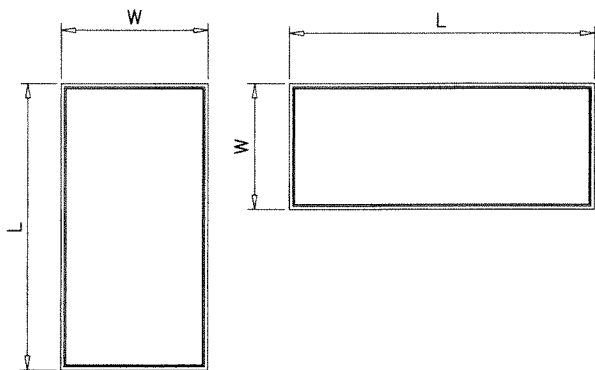
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978
FAX. (305) 264-8100
COMP-ANL\W07-69KUI

KORUS-FIRENZE-VENEZIA-ROMA ALUM FIXED WDW. (L.M.I.)
Officina Inc.
7549-7551 BISCAYNE BLVD.
Miami, FL 33138
Tel. (786) 863-9503 Fax. (-)

revisions:				
no	date	by	description	
G	02.01.17		MANUF. NAME REVISED	
H	06.27.18		UPDATED TO 2017 FBC	
i	06.21.22		UPDATED TO 2020 FBC	
J	02.01.24		ADDRESS REV.	
date: 09-13-07				
scale: 3/8"=1'-0"				
dr. by: TARIQ				
chk. by:				
drawing no.				
W07-69				
sheet 1 of 6				

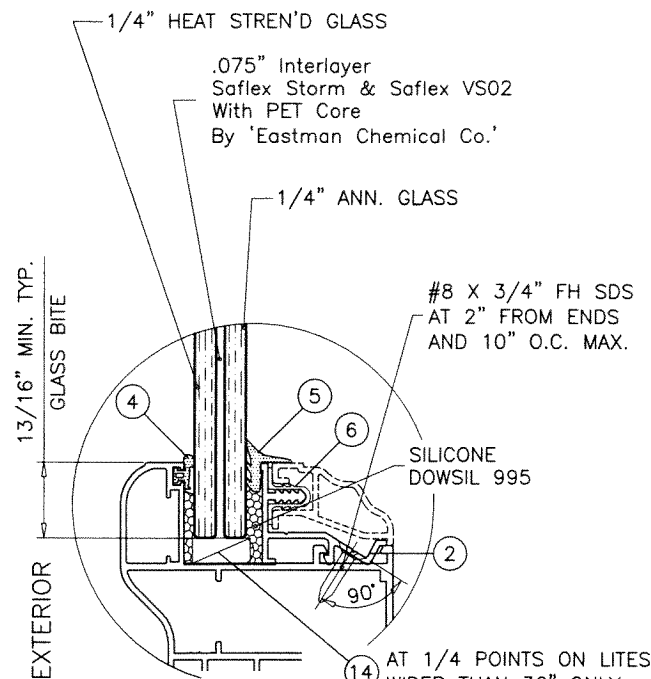
DESIGN LOAD CAPACITY - PSF							
WDW. OPNG. DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C' & 'D'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	60"	75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
42"		75.0	75.0	60.0	60.0	80.0	80.0
45-5/8"		75.0	75.0	60.0	60.0	80.0	80.0
48"		71.3	71.3	60.0	60.0	80.0	80.0
54"		63.4	63.4	53.3	53.3	80.0	80.0
60"		57.0	57.0	48.0	48.0	80.0	80.0
66"		57.0	57.0	48.0	48.0	80.0	80.0
30"	72"	75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
42"		75.0	75.0	60.0	60.0	80.0	80.0
45-5/8"		75.0	75.0	60.0	60.0	80.0	80.0
48"		71.3	71.3	60.0	60.0	80.0	80.0
54"		63.4	63.4	53.3	53.3	80.0	80.0
60"		-	-	48.0	48.0	80.0	80.0
66"		-	-	43.6	43.6	80.0	80.0
30"	84"	75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
42"		75.0	75.0	60.0	60.0	80.0	80.0
45-5/8"		75.0	75.0	60.0	60.0	80.0	80.0
48"		71.3	71.3	60.0	60.0	80.0	80.0
54"		-	-	53.3	53.3	80.0	80.0
60"		-	-	48.0	48.0	80.0	80.0
66"		-	-	43.6	43.6	80.0	80.0
30"	93-5/8"	75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
42"		75.0	75.0	60.0	60.0	80.0	80.0
45-5/8"		75.0	75.0	60.0	60.0	80.0	80.0
48"		-	-	60.0	60.0	80.0	80.0
54"		-	-	53.3	53.3	80.0	80.0
60"		-	-	48.0	48.0	80.0	80.0
66"		-	-	-	-	80.0	80.0
30"	96"	75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
42"		75.0	75.0	60.0	60.0	80.0	80.0
45-5/8"		-	-	60.0	60.0	80.0	80.0
48"		-	-	60.0	60.0	80.0	80.0
54"		-	-	53.3	53.3	80.0	80.0
60"		-	-	48.0	48.0	80.0	80.0
66"		-	-	-	-	80.0	80.0
30"	108"	75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
42"		-	-	60.0	60.0	80.0	80.0
45-5/8"		-	-	57.6	57.6	80.0	80.0
48"		-	-	54.8	54.8	80.0	80.0
54"		-	-	-	-	80.0	80.0
60"		-	-	-	-	80.0	80.0
66"		-	-	-	-	80.0	80.0
30"	120"	75.0	75.0	60.0	60.0	80.0	80.0
36"		-	-	60.0	60.0	80.0	80.0
42"		-	-	58.8	58.8	80.0	80.0
45-5/8"		-	-	52.6	52.6	80.0	80.0
48"		-	-	49.6	49.6	80.0	80.0
54"		-	-	-	-	80.0	80.0
60"		-	-	-	-	80.0	80.0
66"		-	-	-	-	77.1	77.1
30"	132"	75.0	75.0	60.0	60.0	80.0	80.0
36"		-	-	60.0	60.0	80.0	80.0
42"		-	-	58.1	58.1	80.0	80.0
45-5/8"		-	-	-	-	80.0	80.0
48"		-	-	-	-	80.0	80.0
54"		-	-	-	-	80.0	80.0
60"		-	-	-	-	73.2	73.2
66"		-	-	-	-	70.7	70.7

DESIGN LOAD CAPACITY - PSF							
WDW. OPNG. DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C' & 'D'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
25-1/2"	25"	75.0	75.0	60.0	60.0	80.0	80.0
31"		75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
43"		75.0	75.0	60.0	60.0	80.0	80.0
47"		75.0	75.0	60.0	60.0	80.0	80.0
52-1/8"	37-3/8"	75.0	75.0	60.0	60.0	80.0	80.0
31"		75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
43"		75.0	75.0	60.0	60.0	80.0	80.0
47"		75.0	75.0	60.0	60.0	80.0	80.0
52-1/8"	49-5/8"	75.0	75.0	60.0	60.0	80.0	80.0
31"		75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
43"		75.0	75.0	60.0	60.0	80.0	80.0
47"		72.8	72.8	60.0	60.0	80.0	80.0
52-1/8"	55"	69.0	69.0	58.0	58.0	80.0	80.0
25-1/2"		75.0	75.0	60.0	60.0	80.0	80.0
31"		75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
43"		75.0	75.0	60.0	60.0	80.0	80.0
47"	62"	72.8	72.8	60.0	60.0	80.0	80.0
52-1/8"		65.6	65.6	55.3	55.3	80.0	80.0
25-1/2"	75"	75.0	75.0	60.0	60.0	80.0	80.0
31"		75.0	75.0	60.0	60.0	80.0	80.0
36"		75.0	75.0	60.0	60.0	80.0	80.0
43"		75.0	75.0	60.0	60.0	80.0	80.0
47"		72.8	72.8	60.0	60.0	80.0	80.0
52-1/8"		65.6	65.6	55.3	55.3	80.0	80.0

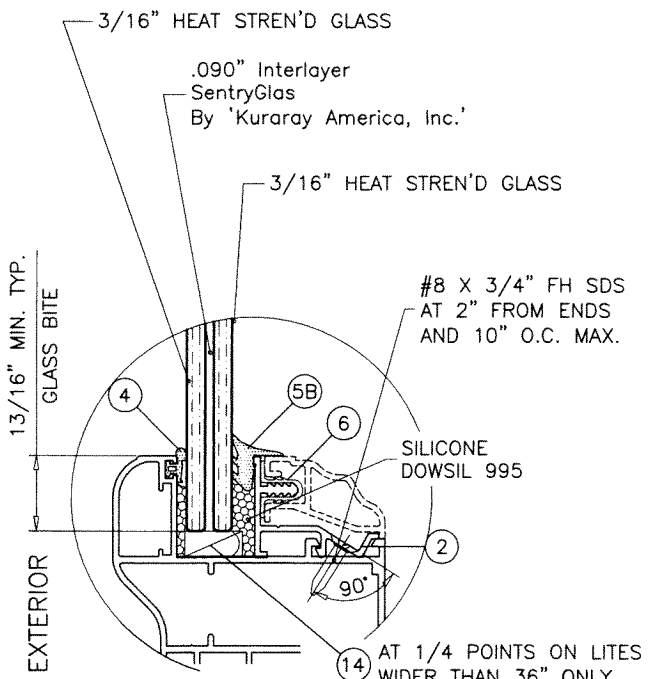


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

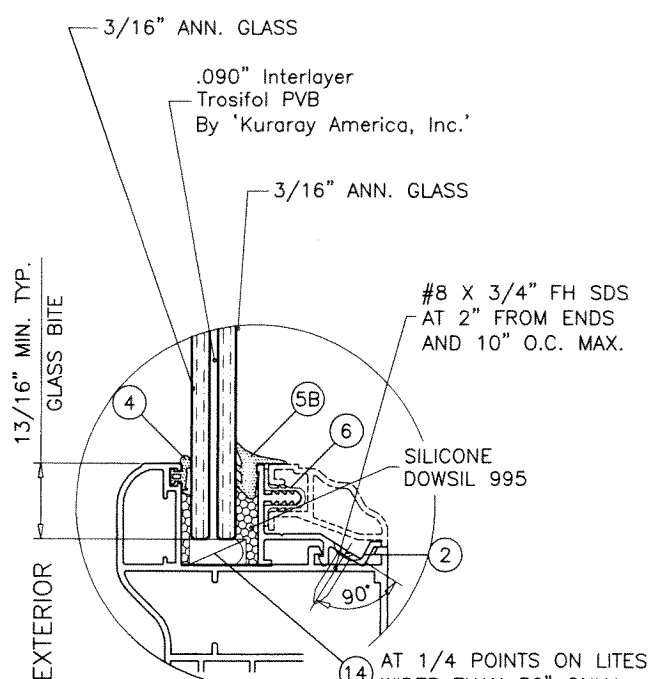
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).



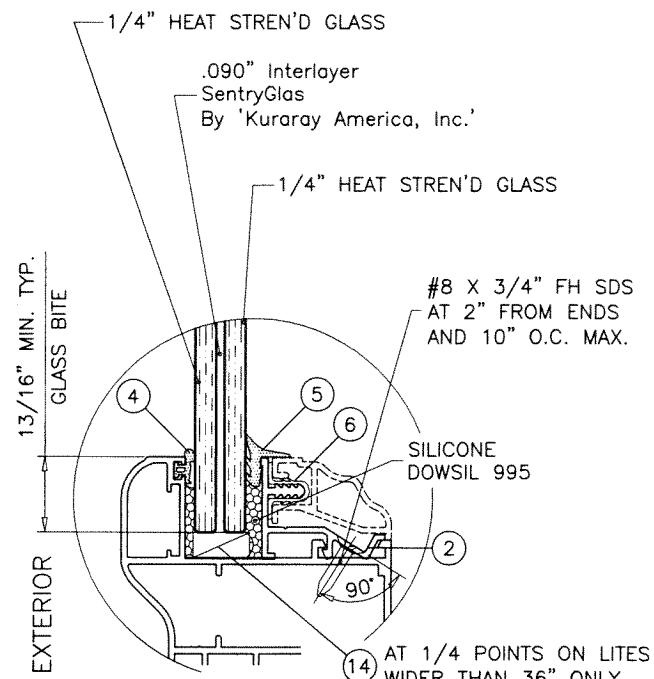
GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



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



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

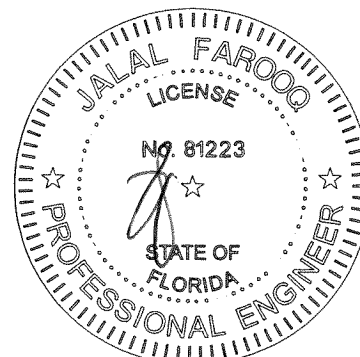


GLASS TYPE 'D'
9/16" OVERALL LAM. GLASS

GLAZING OPTIONS

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By Ishag I. Chank
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

KORUS-FRENZE-VENEZIA-ROMA ALUM FIXED WDW. (L.M.I.)

Officina Inc.
7549-7551 BISCAYNE BLVD.
Miami, FL 33138
Tel. (786) 863-9503 Fax. (-)

no	date	description	by
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J	02.01.24	ADDRESS REV.	

revisions:

date: 09-13-07

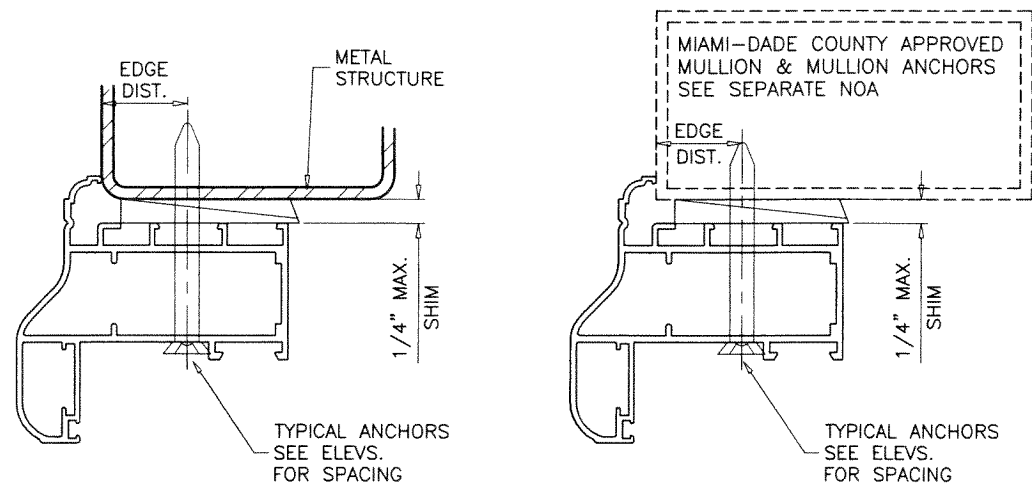
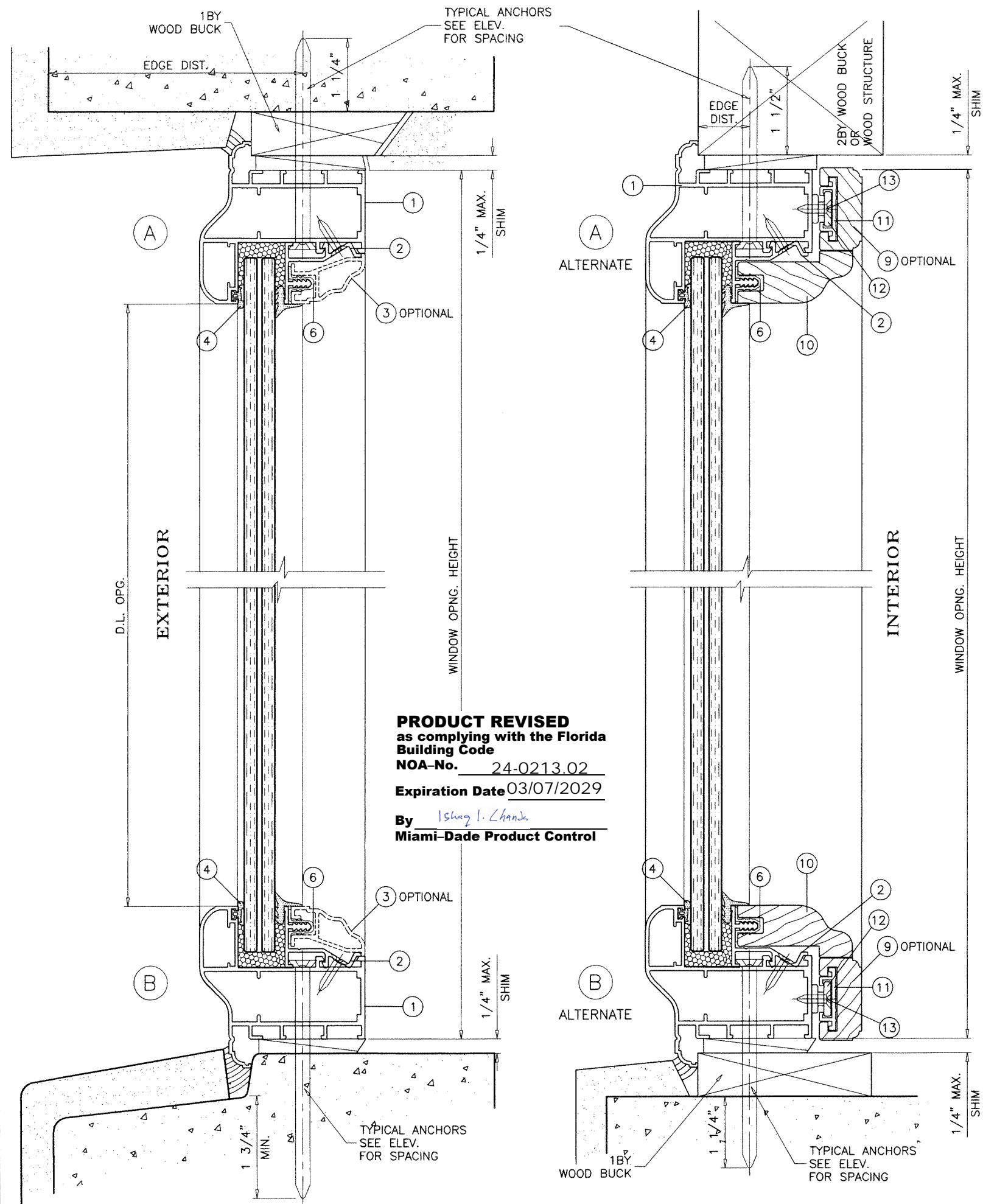
scale: -

dr. by: TARIQ

chk. by:

drawing no.
W07-69

sheet 2 of 6



WOOD BUCKS AND METAL STRUCTURE NOT BY 'OFFICINA INC.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

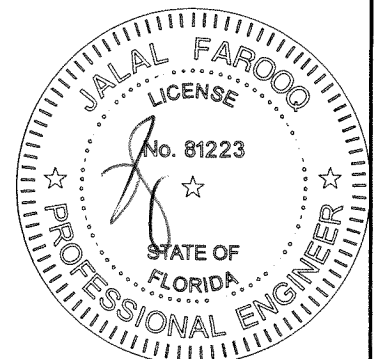
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-3/4" MIN. EMBED INTO GROUT-FILLED 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)

CRITICAL 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.

SEALANTS:
 VENT CORNERS SEALED WITH DOWSIL 899 SEALANT.

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COMP-ANL\W07-69KUI

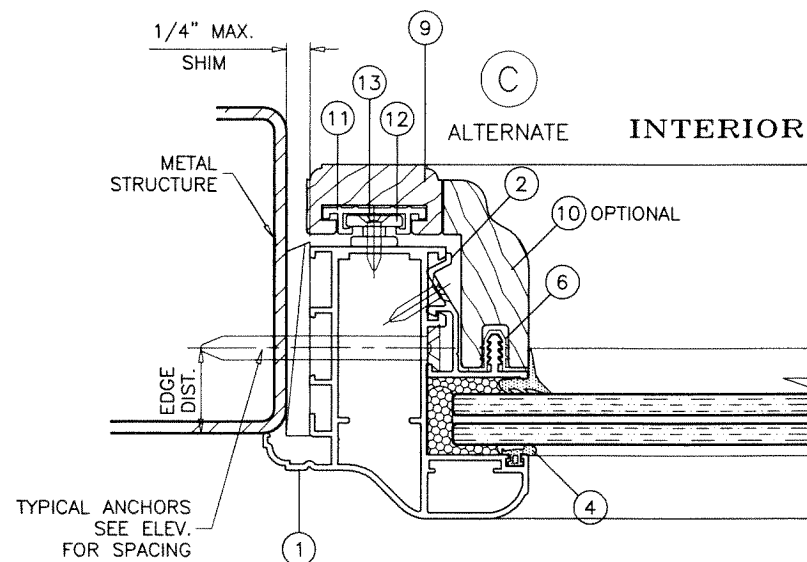
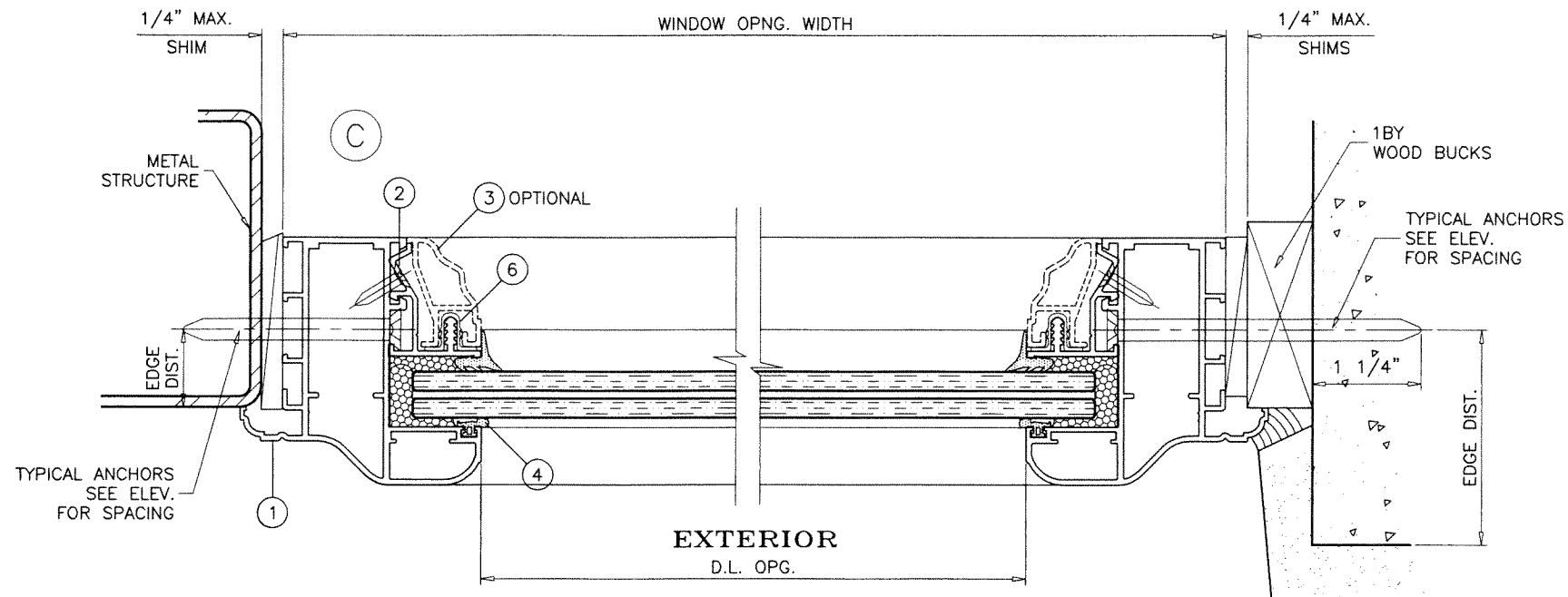
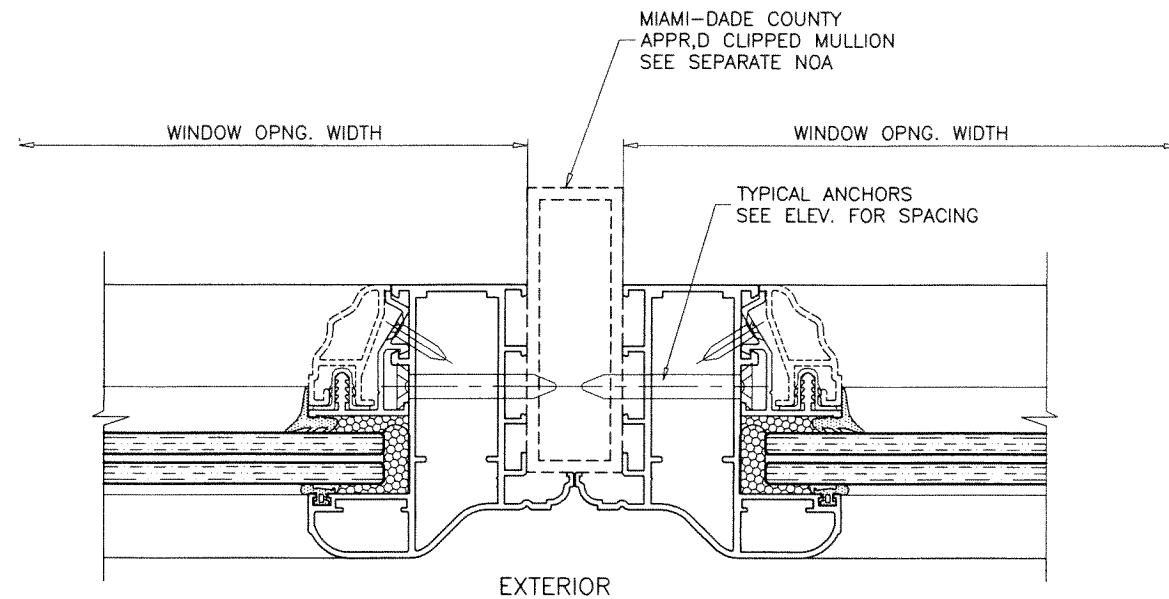
KORUS-FIRENZE-VENEZIA-ROMA ALUM FIXED WDW. (L.M.I.)

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 7549-7551 BISCAYNE BLVD.
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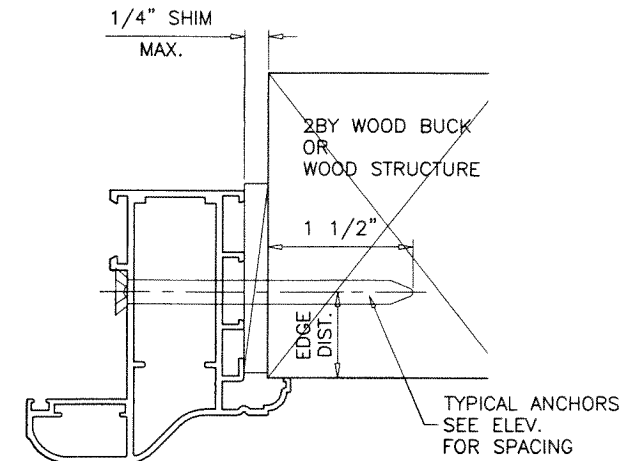
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J	02.01.24	ADDRESS REV.	

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 dr. by: TARIQ
 chk. by:

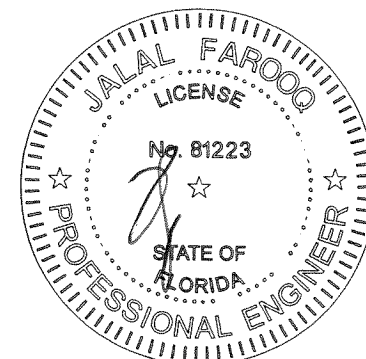
drawing no.
W07-69
 sheet 3 of 6



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Miami-Dade Product Control



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revisions:		description	
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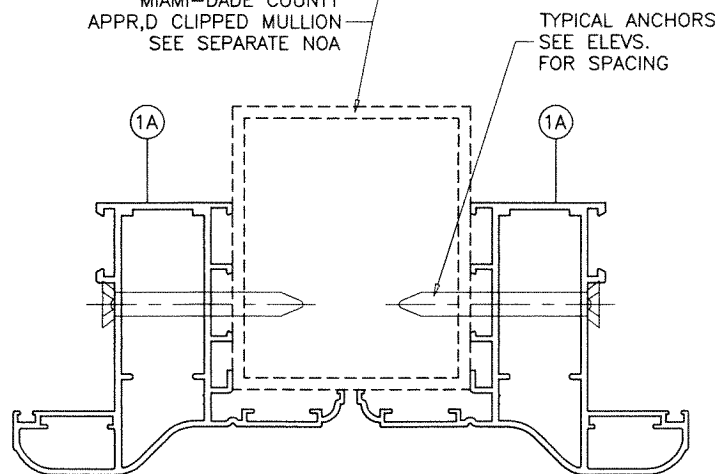
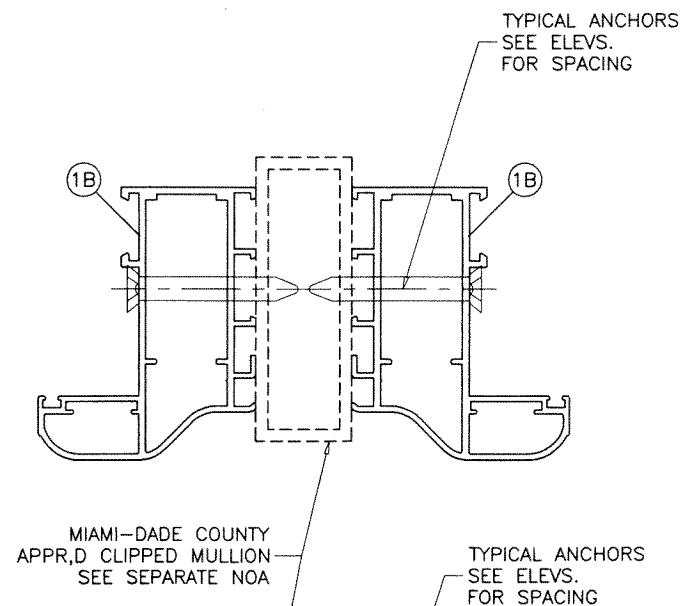
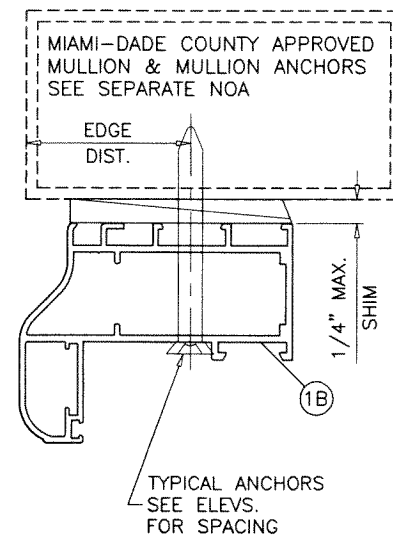
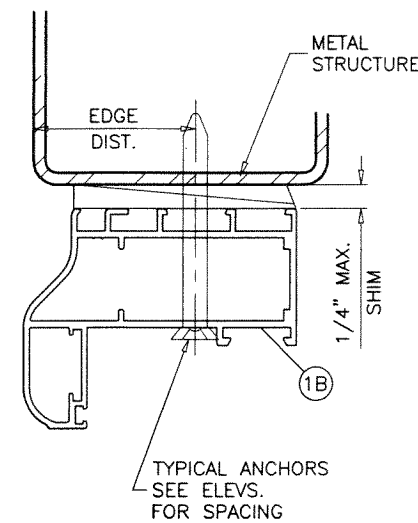
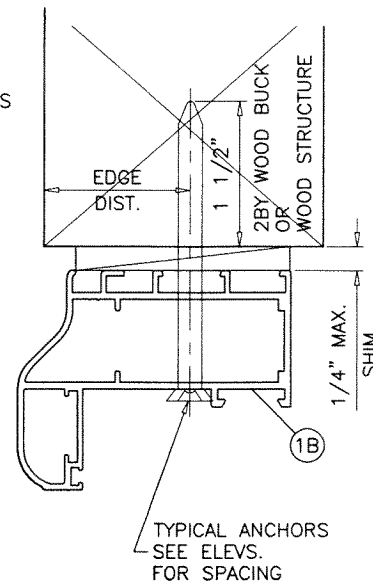
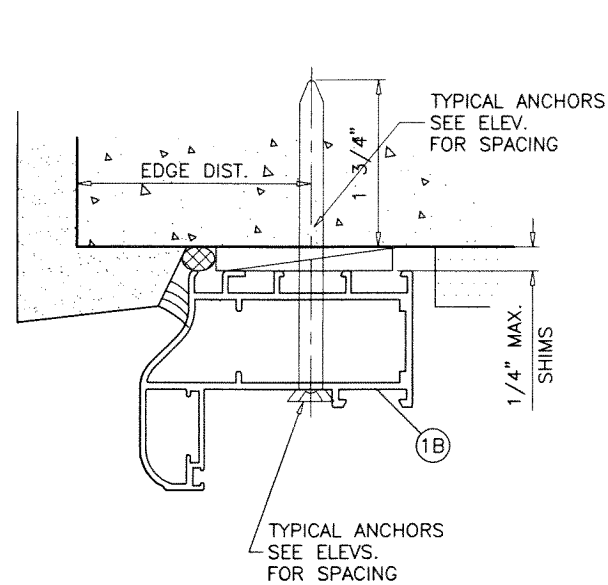
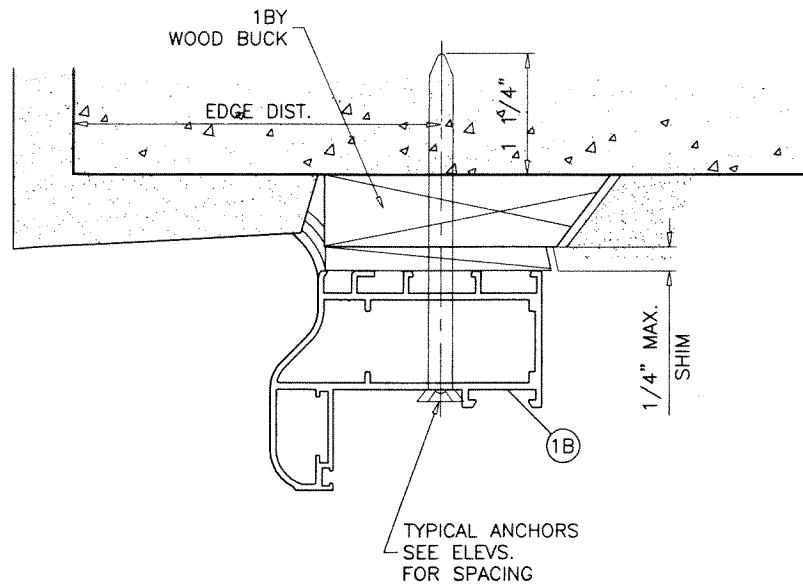
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chk. by:	

drawing no.
W07-69
sheet 4 of 6

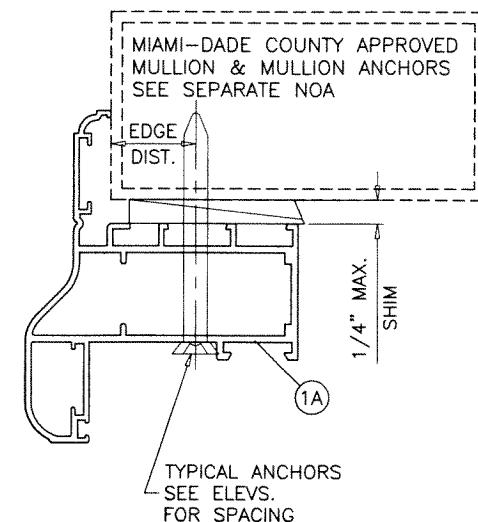
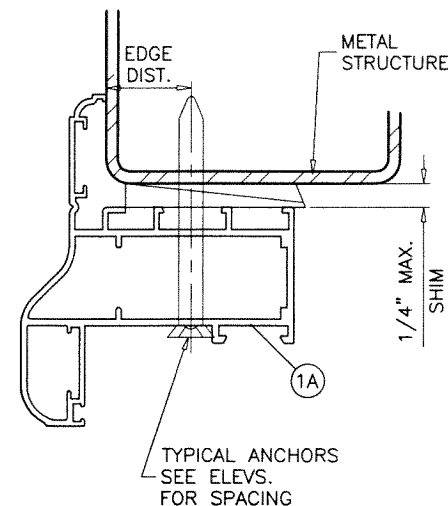
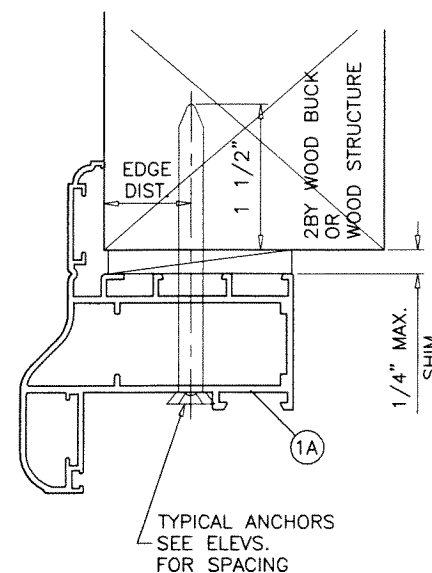
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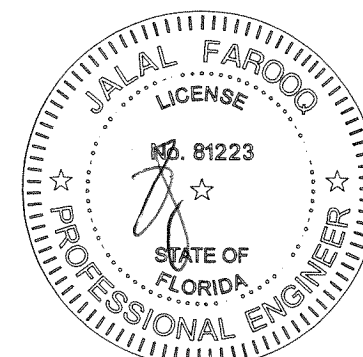


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 By *Ishaq I. Chank*
 Miami-Dade Product Control



INSTALLATION DETAILS
FRAMES WITHOUT FLANGE
FRAMES WITH 1-3/16" FLANGE

FEB 02 2024



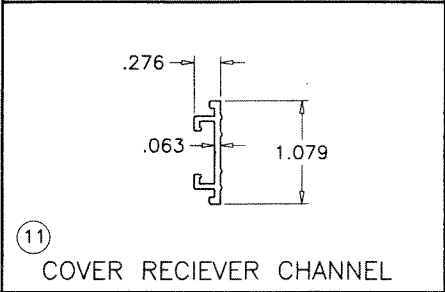
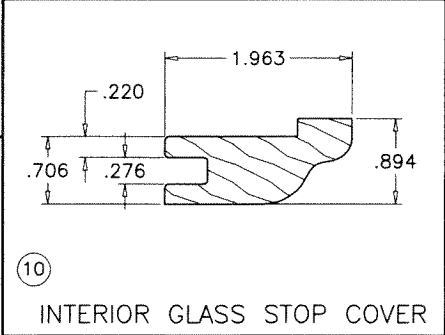
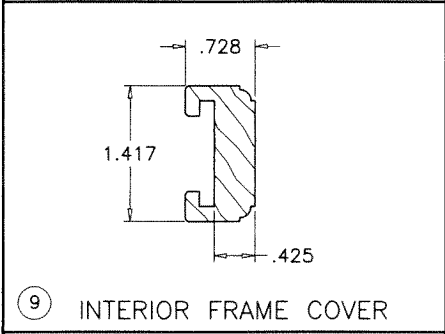
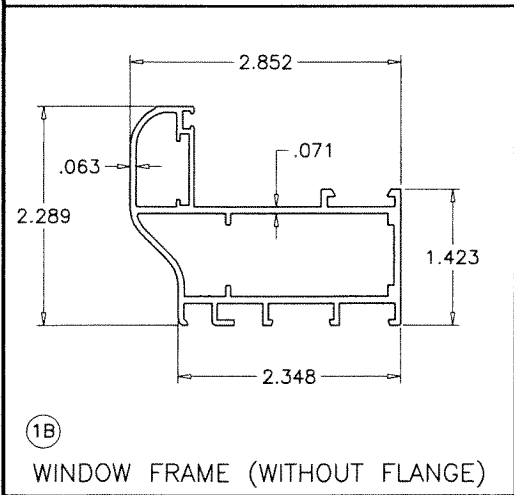
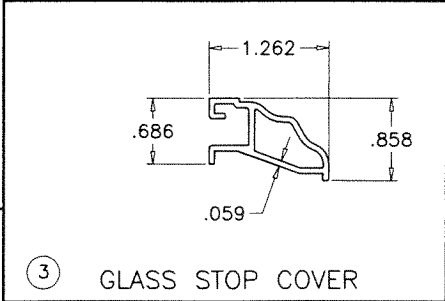
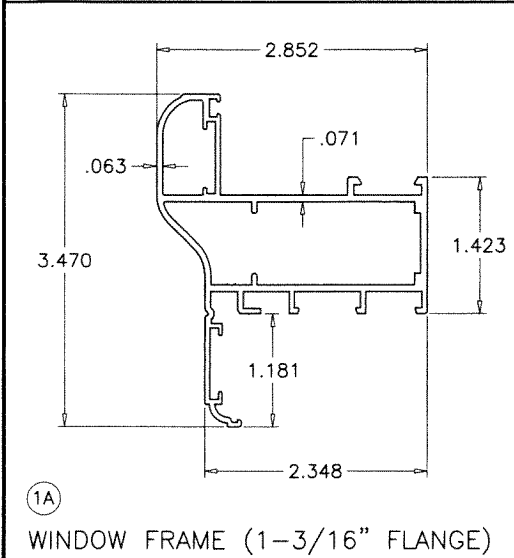
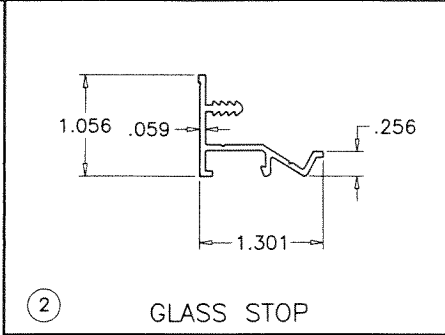
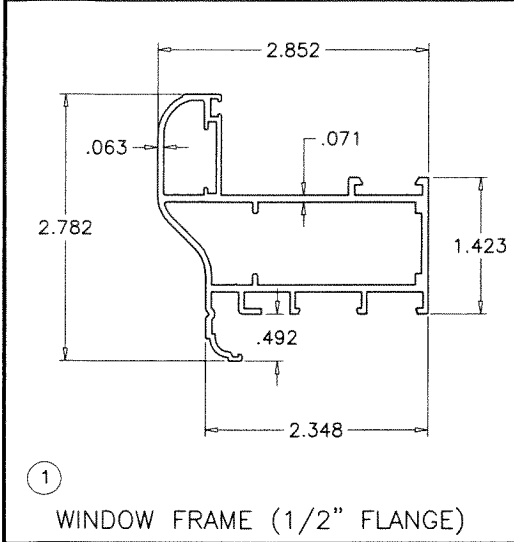
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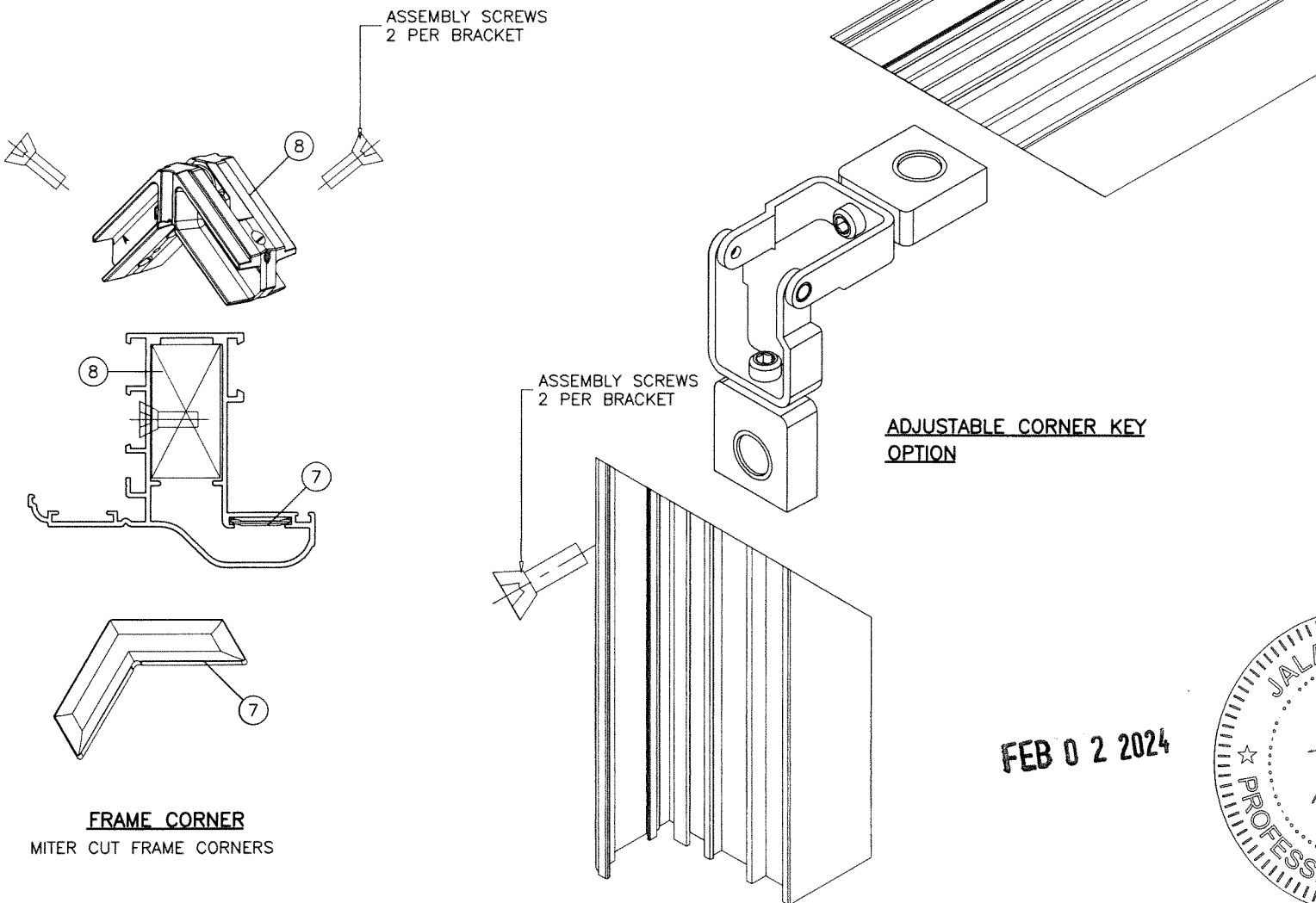
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	I	06.21.22		UPDATED TO 2020 FBC
	J	02.01.24		ADDRESS REV.

date: 09-13-07
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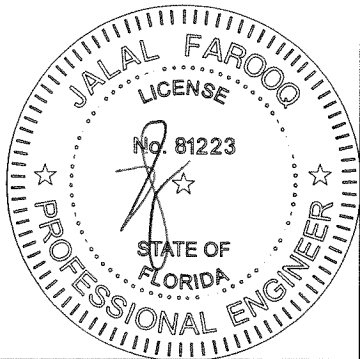
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W07-69
 sheet 5 of 6



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By Ishaq I. Chandra
Miami-Dade Product Control



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	KA205	4	WINDOW FRAME (1/2" FLANGE)	6060-T5	KORUS
1A	KA011	4	WINDOW FRAME (1-3/16" FLANGE)	6060-T5	KORUS
1B	KA020	4	WINDOW FRAME (WITHOUT FLANGE)	6060-T5	KORUS
2	KA006	4	GLASS STOP	6060-T5	KORUS
3	KA007	4	GLASS STOP COVER (DECORATIVE) (OPTIONAL)	6060-T5	KORUS
4	COP8069	4	EXTERIOR GASKET	EPDM	COMPLASTEX
5	COPOUP4W	4	INTERIOR GLAZING GASKET	EPDM	COMPLASTEX
5A	COPOUP5W	4	INTERIOR GLAZING GASKET	EPDM	COMPLASTEX
5B	COPOUP6W	4	INTERIOR GLAZING GASKET	EPDM	COMPLASTEX
6	COP2217	AS REQD.	GLASS STOP HOOK GASKET	EPDM	COMPLASTEX
7	PONK20	AS REQD.	ALIGNING BRACKET	PA6	PONTINA STAMPI
8	MON5002	AS REQD.	FRAME JOINING BRACKET	CAST ALUM	MONTICELLI
9	-	AS REQD.	INTERIOR FRAME COVER	WOOD	DECORATIVE
10	-	AS REQD.	INTERIOR GLASS STOP COVER	WOOD	DECORATIVE
11	C71808	AS REQD.	DECORATIVE COVER RECIEVER CHANNEL (CONT.)	6060-T5	KORUS
12	PS002	AS REQD.	DECORATIVE COVER LATCH AT 12" O.C.	CAST ALUM	MONTICELLI
13	#6 X 3/4"	1/	LATCH INSTALLATION SCREWS	-	FH SMS
14	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A



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sheet 6 of 6