



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)

**Florida Storm Panel Supply**  
**14475 NW 26<sup>th</sup> Ave**  
**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 "FIW - 2004 - FW" Aluminum Fixed Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **AD23-36**, titled "Series FIW-2004 FW Aluminum Fixed Window – L.M.I.", sheets 1 through 6 of 6, dated 10/13/23, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, 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.

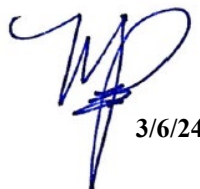
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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. **04-0826.04** 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.**



  
3/6/24

NOA No. 23-1103.04  
Expiration Date: March 14, 2029  
Approval Date: March 14, 2024  
Page 1

## Florida Storm Panel Supply

### 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. 04-0826.04)*
2. Drawing No **PW-1**, sheets 1 through 4 of 4, titled "Fixed Window Series FIW - 2004 - FW Large Missile Impact Resistant," dated 3/24/05, prepared by Francisco Hernandez, P.E., P.A. Structural Engineering, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA No. 04-0826.04)*

##### **B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4087**, dated 02/03/04, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under NOA No. 04-0826.04)*

##### **C. CALCULATIONS**


1. Anchor Calculations, ASTM- E1300, and structural analysis, dated 06/10/04 and 07/13/04, prepared by Francisco Hernandez, P.E., P.A. Structural Engineering, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA No. 04-0826.04)*
2. Glazing complies with **ASTM E1300**

##### **D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

##### **E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-1204.01**, issued to **E.I. DuPont DeNemours** for their "**Sentry Glass ® Plus**", approved on 01/17/02 and expiring on 01/14/07.
2. Notice of Acceptance No. **03-1117.05**, issued to **Surface Specialties, Inc.** for their "**Uvekol, a Laminate Glass Component**", approved on 01/29/04 and expiring on 02/08/09.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-1103.04  
Expiration Date: March 14, 2029  
Approval Date: March 14, 2024

**Florida Storm Panel Supply**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 2004**, dated July 10, 2004, issued by Francisco Hernandez, P.E., P.A. Structural Engineering, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA No. 04-0826.04)*
2. Statement letter of no financial interest, dated July 10, 2004, issued by Francisco Hernandez, P.E., P.A. Structural Engineering, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA No. 04-0826.04)*

**G. OTHERS**

1. None.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **AD23-36**, titled "Series FIW-2004 FW Aluminum Fixed Window - L.M.I.", sheets 1 through 6 of 6, dated 10/13/23, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

**B. TESTS**


1. None

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC 7<sup>th</sup> Edition (2020) and FBC 8<sup>th</sup> Edition (2023), dated 10/24/23, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

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

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1103.04  
Expiration Date: March 14, 2029  
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**Florida Storm Panel Supply**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED (CONTINUED)**

**E. MATERIAL CERTIFICATIONS**

1. 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 7<sup>th</sup> Edition (2020)**, with **FBC 8<sup>th</sup> Edition (2023)**, dated October 24, 2023, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated October 24, 2023, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
3. Sales of Assets Agreement dated December 18, 2023, signed by Mr. Enrique (Henry) Revilla and Mr. Mauricio Mosquera.
4. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA, dated December 18, 2023, signed by Mr. Enrique (Henry) Revilla.

**G. OTHERS**

1. Notice of Acceptance No. **04-0826.04**, issued to Florida Impact Window Manufacturing, Inc. for their Series FIW – 2004 - FW Aluminum Fixed Window – L.M.I., approved on 04/14/05 and expiring on 04/14/10.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-1103.04  
Expiration Date: March 14, 2029  
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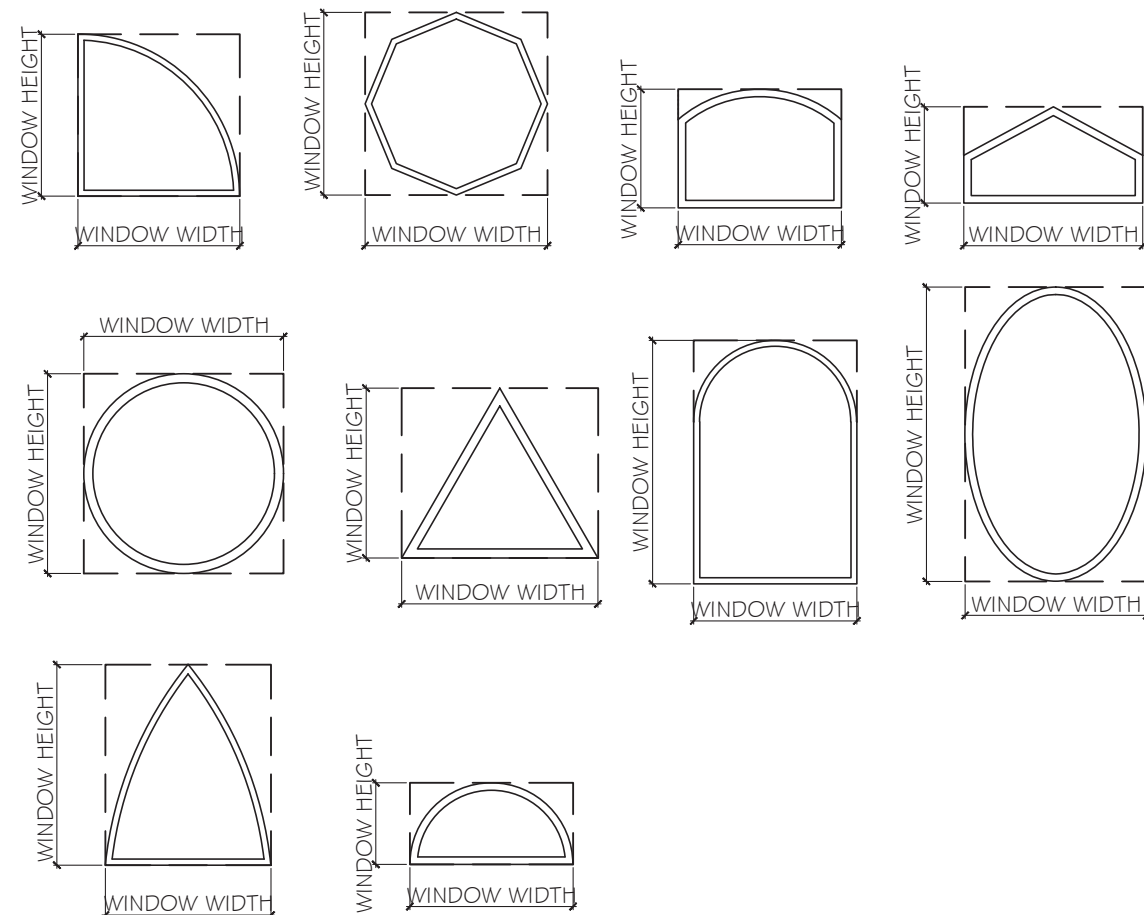




### TYPICAL EXTERIOR ELEVATION

DESIGN LOAD (PSF)	
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC	
+80	-80

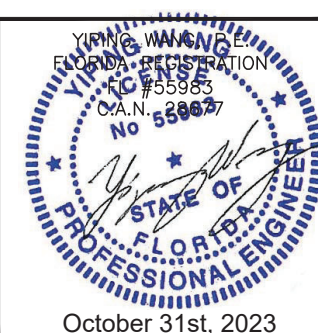
NOTE:  
WIDTH AND LENGTH DIMENSION CAN BE  
ORIENTED VERTICALLY OR HORIZONTALLY AS  
SHOWN ABOVE.



ALLOWABLE LOAD 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.

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. 23-1103.04  
Expiration Date: 03/14/2029  
By: Manuel Perez  
Miami-Dade Product Control

MIAMI DADE COUNTY

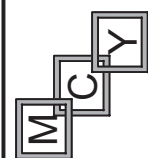
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SERIES FIW-2004-FW ALUMINIUM FIXED WINDOW - L.M.I.

FLORIDA STORM PANEL SUPPLY

14475 NW 26TH AVENUE  
OPA LOCKA FL 33054

TEL. 305-685-9000 EMAIL. DANIEL.M@FSPSALUMINUM.COM



**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301

MIRAMAR, FL. 33027

www.MCYEngineering.com      MCY@mcysengineering.com

NOTE: WOOD BUCKS & METAL STRUCTURES BY OTHERS MUST BE PROPERLY SECURED TO SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURES.

TYPICAL ANCHOR TYPES

ANCHOR TYPE 'A' - 1/4" DIA. TAPCON® BY 'ITW BUILDEX' ( $F_u = 125\text{KSI}$ ,  $F_y = 100\text{KSI}$ )

DIRECTLY INTO CONCRETE OR CMU BLOCK.

1 1/4" MIN. EMBEDMENT INTO CONCRETE (HEAD/ JAMB/ SILL)

1 1/4" MIN. EMBEDMENT INTO CMU BLOCK (MEDIUM-WEIGHT)(JAMB ONLY)

ANCHOR TYPE 'B' - 1/4"-20 HILTI KWIK-FLEX SELF - DRILLING SCREW ( $F_u = 120\text{KSI}$ ,  $F_y = 92\text{KSI}$ )

INTO METAL STRUCTURES.

(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

ALUMINUM ALLOY: 1/8" WALL THK. MIN. (6063-T5, MIN)

STEEL: 1/2" WALL THK. MIN. (A36 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE

W/ 1 1/2" MIN. PENETRATION INTO WOOD

ANCHOR EDGE DISTANCE:

INTO WOOD STRUCTURE: 1" MIN

INTO METAL: 3/4" MIN.

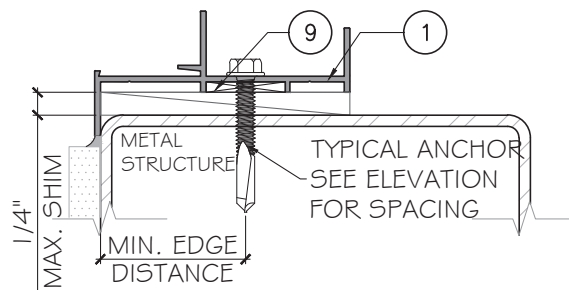
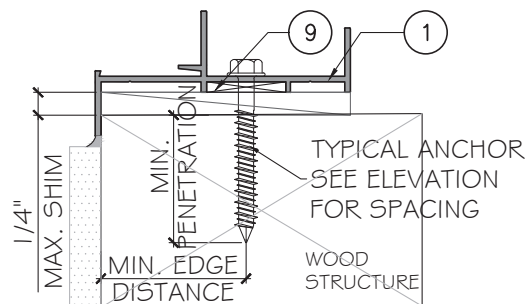
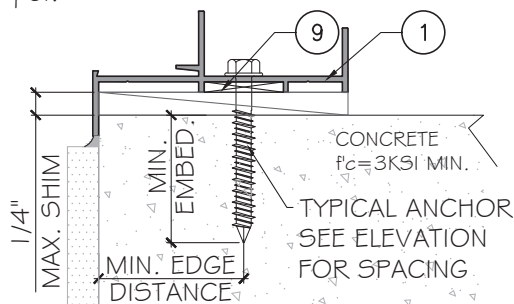
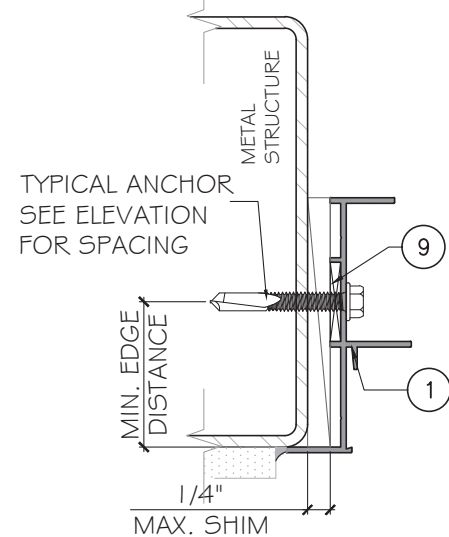
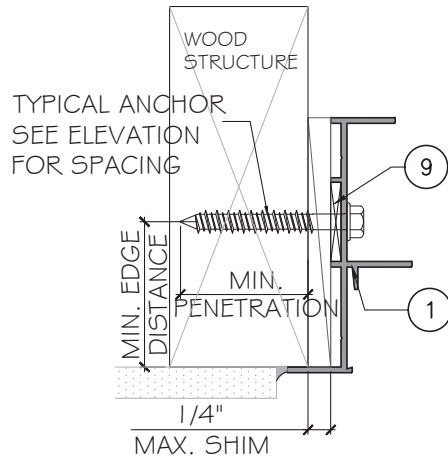
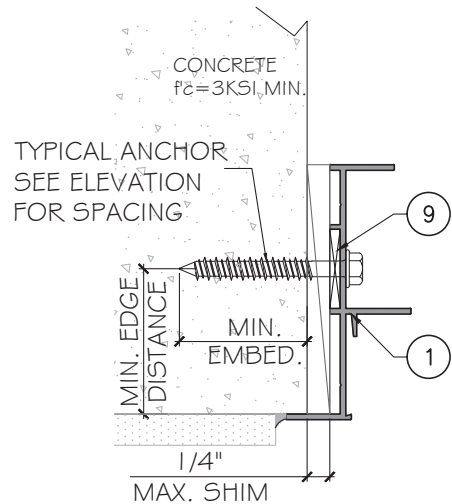
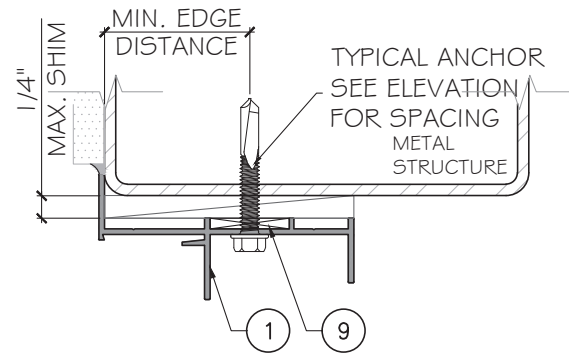
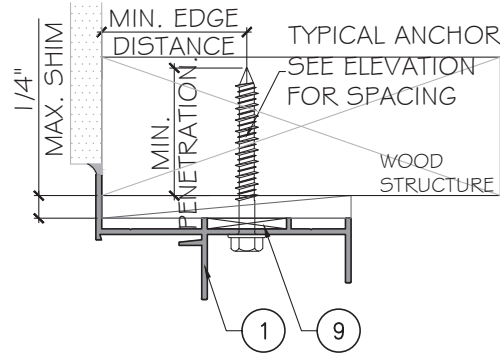
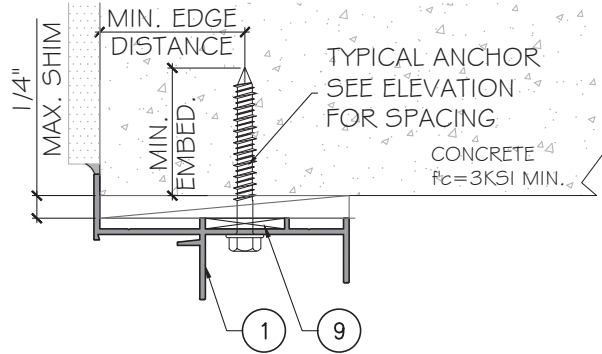
INTO CONCRETE OR CMU: 2" MIN.

SUBSTRATE:

WOOD, SG = 0.55 MIN.

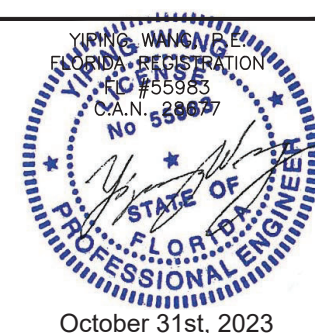
CONCRETE,  $f'_c = 3000\text{ PSI}$  MIN.

CMU BLOCK (MEDIUM-WEIGHT): CONFORM TO ASTM C90, WITH DENSITY > 117 pcf.



**PRODUCT REVISED**  
As complying with the Florida  
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By: *Manuel Perez*  
**Miami-Dade Product Control**

MIAMI DADE COUNTY



**MCY ENGINEERING, INC.**

GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301

MIRAMAR, FL 33027

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MCY

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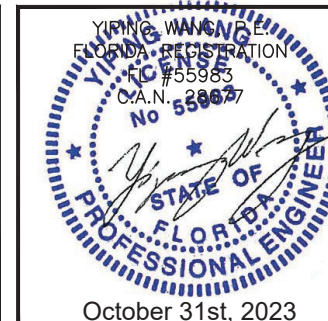
Rev. No.	Date	Drawn By	Description
R0	10/13/2023	James	RENEWAL

Drawn Date 10.13.2023 Scale

DRAWING NO.  
AD23-36

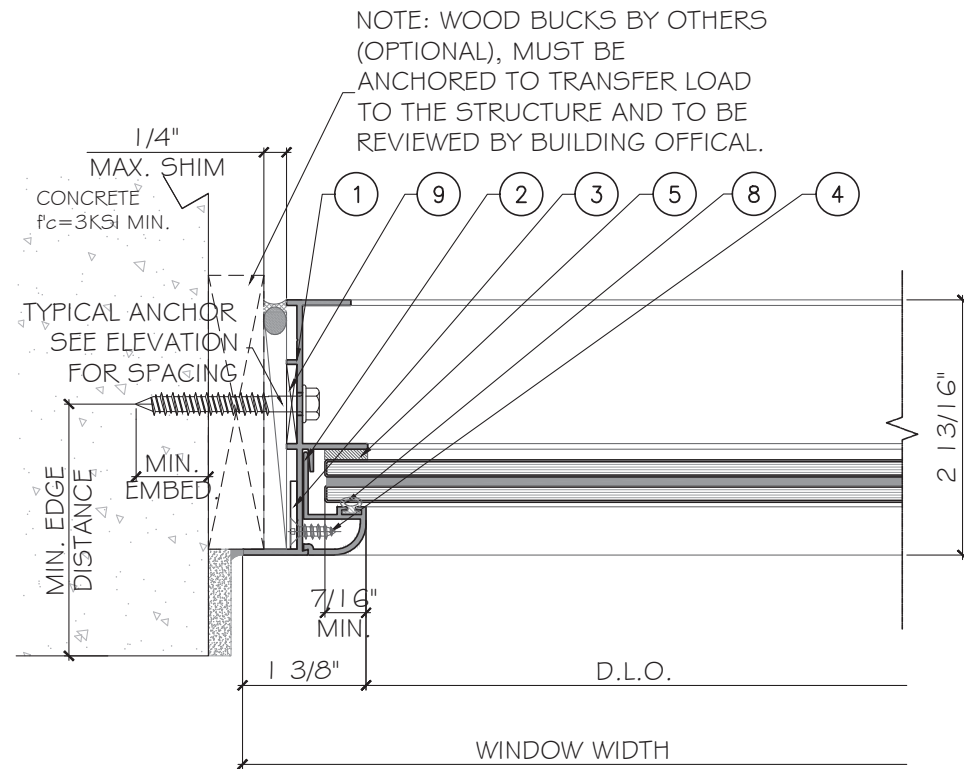
A1

Sheet No.  
3 OF 6



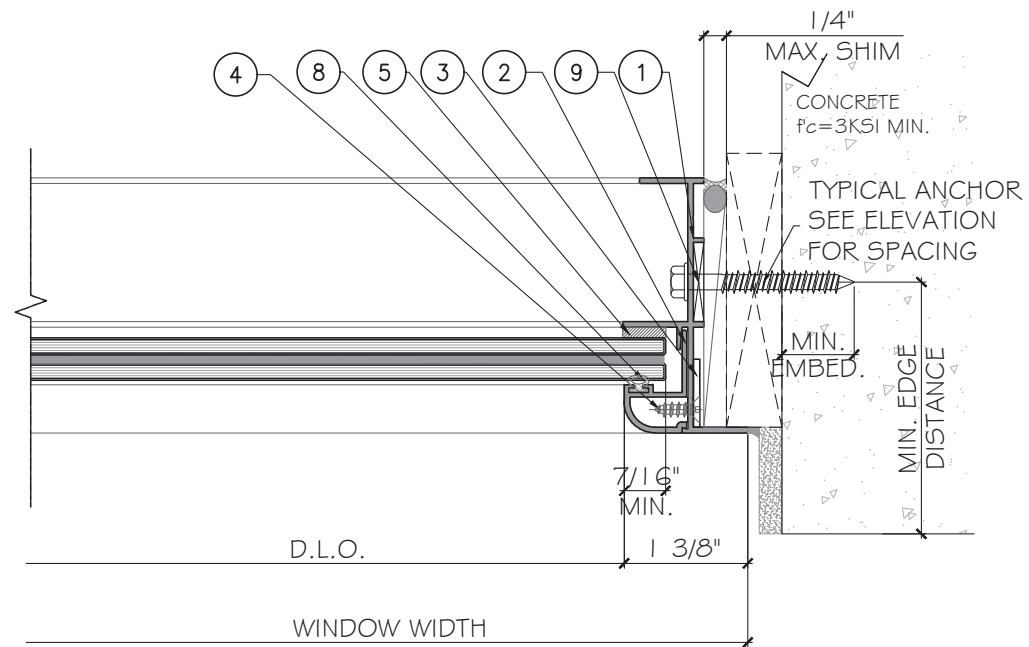
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[www.MCYEngineering.com](http://www.MCYEngineering.com) [MCY@mcyengineering.com](mailto:MCY@mcyengineering.com)





EXTERIOR

1  
D2  
DETAIL



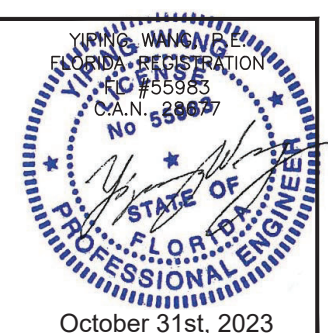
EXTERIOR

2  
D2  
DETAIL

NOTE: WOOD BUCKS BY OTHERS (OPTIONAL), MUST BE ANCHORED TO TRANSFER LOAD TO THE STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICAL.

**PRODUCT REVISED**  
As complying with the Florida Building Code  
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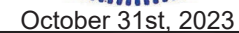
D2

Sheet No.  
5 OF 6

BILL OF MATERIALS			
ITEM	PART	DESCRIPTION	MATERIAL
1	FSP 014	HEAD	ALUM. 6063-T6
2	FSP 017	GLAZING BEAD	ALUM. 6063-T6
3	FSP 101	3/4" X 3/4" X 0.070" THCK X 3/4" LONG ANGLE	STEEL
4	FASTENER	#8 X 1/2" FH SMS	STAINLESS STEEL
5	SILICONE	GE SCS2800 OR PECORA 895	SILICONE SEALANT
6	GLASS	SEE SHEET 1	
7	ANCHORS	SEE SHEET 3	
8		BULB VINYL	
9		SHIM 0.87" X 0.11"	PP



MIAMI DADE COUNTY



Sheet No.  
6 OF 6

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