



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 - D" Aluminum Sliding Glass Door (OX or XO) Steel Reinforced – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **AD23-38**, titled "Series FIW-2004 D Aluminum Sliding Glass Door – L.M.I.", sheets 1 through 7 of 7, dated 10/17/23, 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.

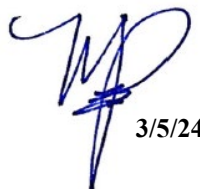
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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. **04-0826.01** 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.**



  
3/5/24

NOA No. 23-1103.01  
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. 04-0826.01)*
2. Drawing No **SGD-1**, titled "Sliding Glass Door (XO or OX with Steel Reinf.) Series FIW - 2004 - D Large Missile Impact Resistant," sheets 1 through 5 of 5, dated 06/01/04, prepared by Francisco Hernandez, P.E., P.A. Structural Engineering, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA No. 04-0826.01)*

##### **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, TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3973**, dated 11/24 /03, signed and sealed by Edmundo J. Largaespada, P.E.  
*(Submitted under NOA No. 04-0826.01)*

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


1. Anchor Calculations, ASTM- E1300, and structural analysis, prepared by Francisco Hernandez, P.E., P.A. Structural Engineering, dated 07/15/04, signed and sealed by Francisco Hernandez, P.E.  
*(Submitted under NOA No. 04-0826.01)*
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. **03-1223.04**, issued to **Surface Specialties, Inc.** for their "Uveköl - Liq. Resin. Inner Layer Film", approved on 02/05/04 and expiring on 02/08/09.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-1103.01  
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. 04-0826.01)*
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. 04-0826.01)*

**G. OTHERS**

1. None.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **AD23-38**, titled "Series FIW-2004 D Aluminum Sliding Glass Door - L.M.I.", sheets 1 through 7 of 7, dated 10/17/23, 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 10/26/23, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with **ASTM E1300-16**

**D. QUALITY ASSURANCE**

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

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-1103.01  
Expiration Date: March 14, 2029  
Approval Date: March 14, 2024

**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 26, 2023, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated October 26, 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. **04-0826.01**, issued to Florida Impact Window Manufacturing, Inc. for their Series FIW – 2004 - D Aluminum Sliding Glass Door (OX or XO) Steel reinforced – L.M.I., approved on 03/10/05 and expiring on 03/10/10.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-1103.01  
Expiration Date: March 14, 2029  
Approval Date: March 14, 2024

**MCY ENGINEERING, INC.**

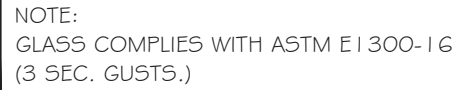
GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301

MIRAMAR, FL. 33027

MCY@mcyengineering.com

---



- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION OF FLORIDA BUILDING CODE 2020/ 8TH EDITION OF FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

- PRODUCTS ARE APPROVED FOR AIR AND WATER RESISTANCE.

- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

- METAL STRUCTURES BY OTHERS TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.

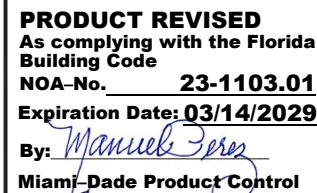
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

USE CHARTS AS FOLLOWS.

STEP 2: SEE SHEET E1 FOR APPROVED TYPICAL ELEVATION & CONFIGURATION.

STEP 4: THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

G.B. - GLASS BITE  
D.L.O. - DAYLITE OPENING  
F.H. - FRAME HEIGHT  
F.W. - FRAME WIDTH  
W/ - WITH  
W/O - WITHOUT  
O.C. - ON CENTER



YIP HING WANG, P.E.  
FLORIDA REGISTRATION  
FC #55983  
C.A.N. 28877

STATE OF FLORIDA  
PROFESSIONAL ENGINEER

October 31st, 2023

**SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - L.M.I.**

FLORIDA STORM PANEL SUPPLY

14475 NW 26TH AVENUE

OPA LOCKA FL 33054

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

Drawn Date

Scale

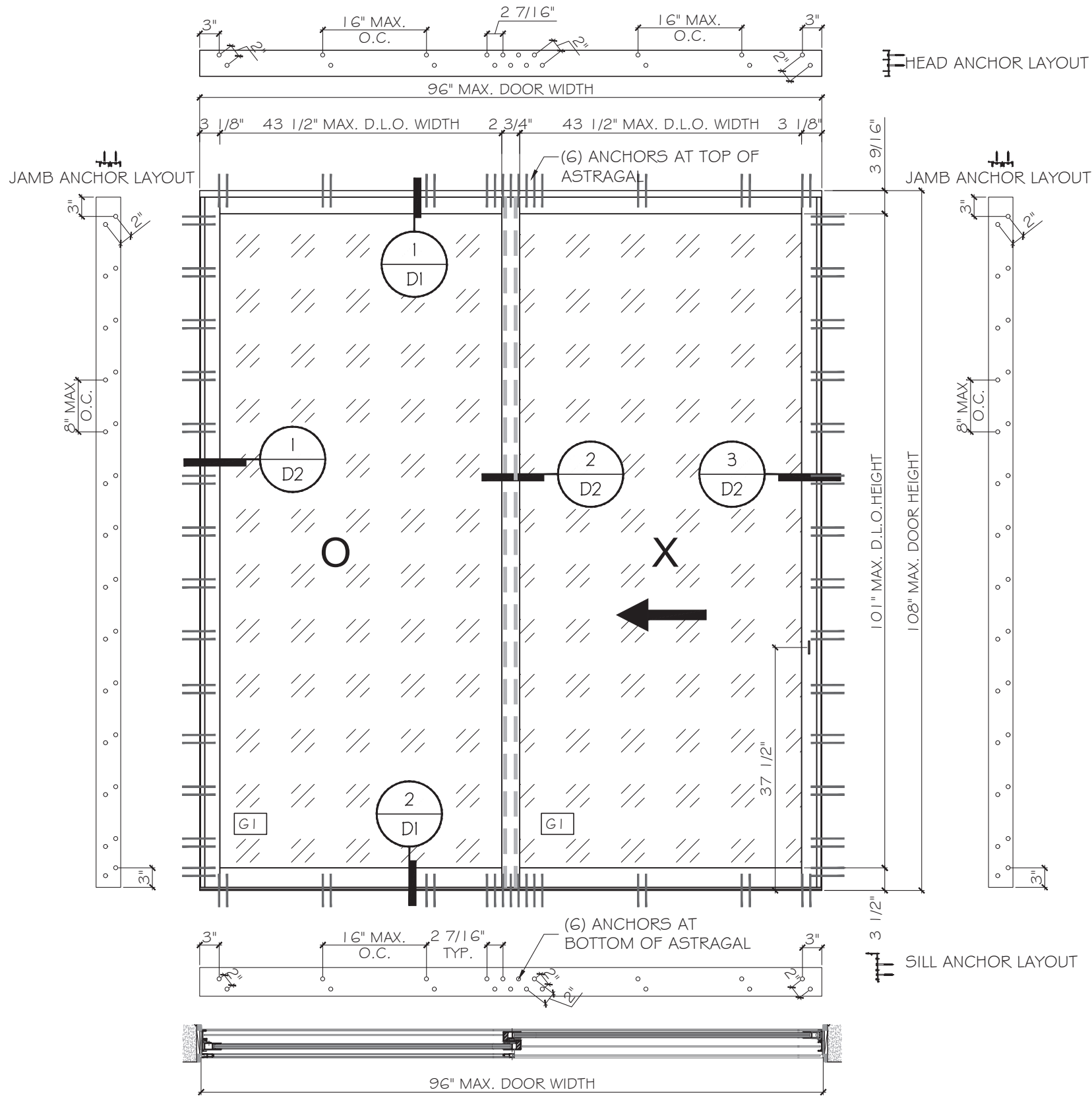
DRAWING NO.

AD23-38

COVER

Sheet No.

1 OF 7

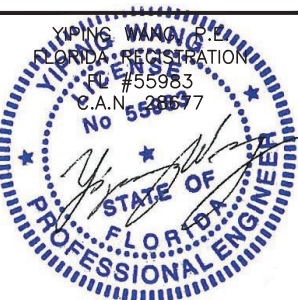


TYPICAL EXTERIOR ELEVATION  
OX OR XO

DESIGN LOAD (PSF)	
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC	
+ 100	- 100

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **23-1103.01**  
Expiration Date: **03/14/2029**  
By: *Manuel Perez*  
Miami-Dade Product Control

MIAMI DADE COUNTY



SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - L.M.I.

FLORIDA STORM PANEL SUPPLY  
14475 NW 26TH AVENUE  
OPA LOCKA FL 33054  
TEL. 305-685-9000 EMAIL: DANIEL.M@FSPSALUMINUM.COM

Rev. No.	Date	Drawn By	RENEWAL	Description
R0	10/17/2023	James		

Drawn Date  
10/17/2023

Scale

DRAWING NO.  
AD23-38

E1

Sheet No.  
2 OF 7

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301  
MIRAMAR, FL 33027 P. 305.271.0117  
www.MCYEngineering.com MCY@mcyengineering.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<sub>u</sub>= 125KSI, F<sub>y</sub>= 100KSI)

- DIRECTLY INTO CONCRETE OR CMU BLOCK.
- 1 1/2" MIN. EMBEDMENT INTO CONCRETE (HEAD/ JAMB/ SILL)
- 1 1/2" MIN. EMBEDMENT INTO CMU BLOCK (LIGHT-WEIGHT) (JAMB ONLY)

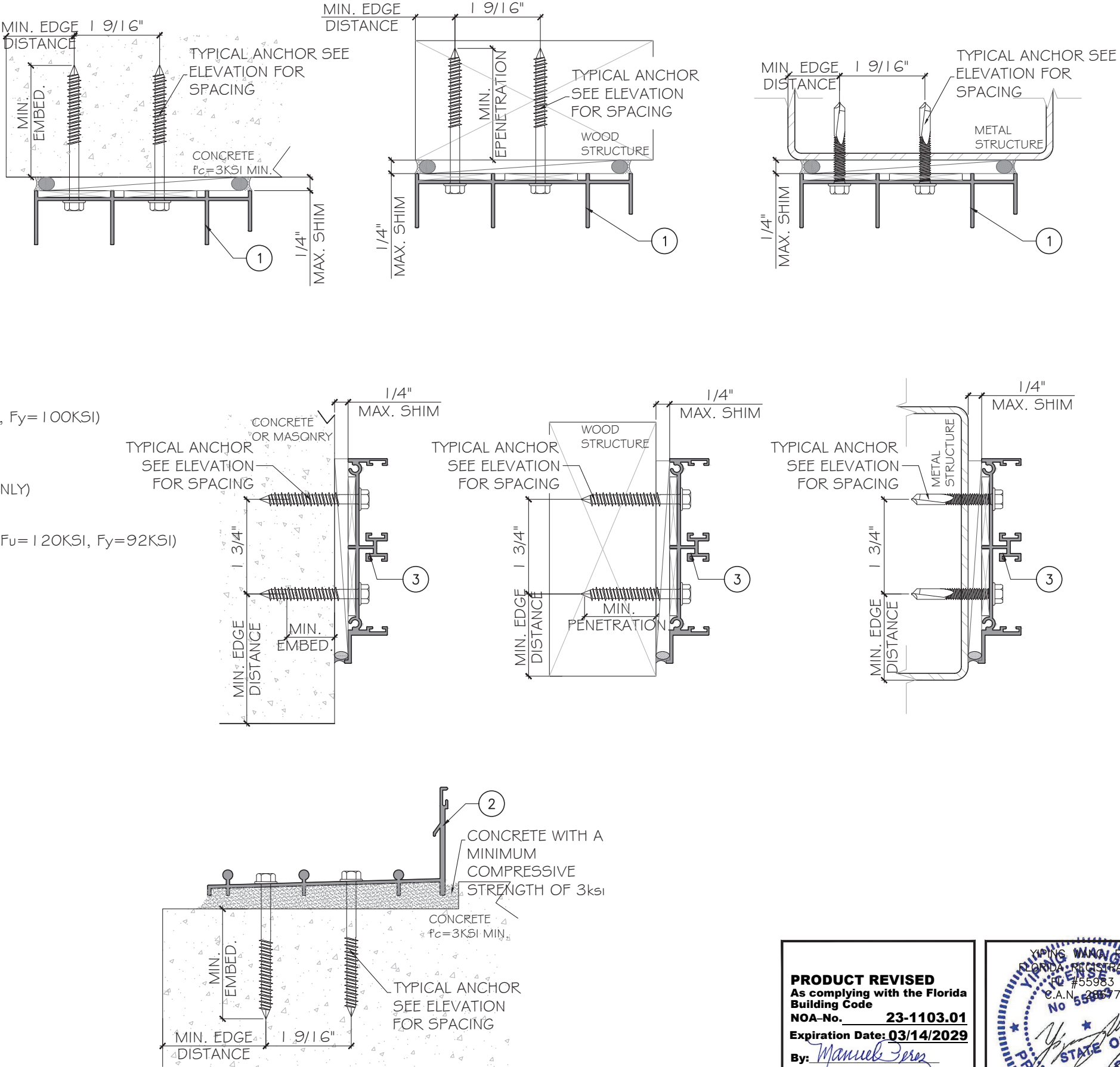
ANCHOR TYPE 'B' - 1/4"-20 HILTI KWIK-FLEX SELF - DRILLING SCREW (F<sub>u</sub>= 120KSI, F<sub>y</sub>=92KSI)

- INTO METAL STRUCTURES.
- (3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE
- ALUMINUM ALLOY: 1/8" WALL THK. MIN. (6063-T5, MIN)
- STEEL: 12Ga 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

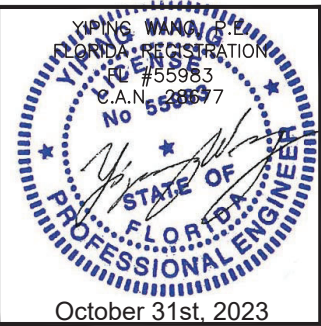
- ANCHOR EDGE DISTANCE:
- INTO WOOD STRUCTURE: 1" MIN
- INTO METAL: 3/4" MIN.
- INTO CONCRETE OR CMU: 2" MIN.

- SUBSTRATE:
- WOOD, SG = 0.55 MIN.
- CONCRETE, f<sub>c</sub> = 3000 PSI MIN.
- CMU BLOCK (LIGHT-WEIGHT): CONFORM TO ASTM C90, WITH DENSITY > 95 pcf.



**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-1103.01**  
Expiration Date: **03/14/2029**  
By: *Manuel Perez*  
Miami-Dade Product Control

MIAMI DADE COUNTY



SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - L.M.I.  
FLORIDA STORM PANEL SUPPLY  
14475 NW 26TH AVENUE  
OPA LOCKA FL 33054  
TEL. 305-685-9000 EMAIL: DANIEL.M@SPSALUMINUM.COM

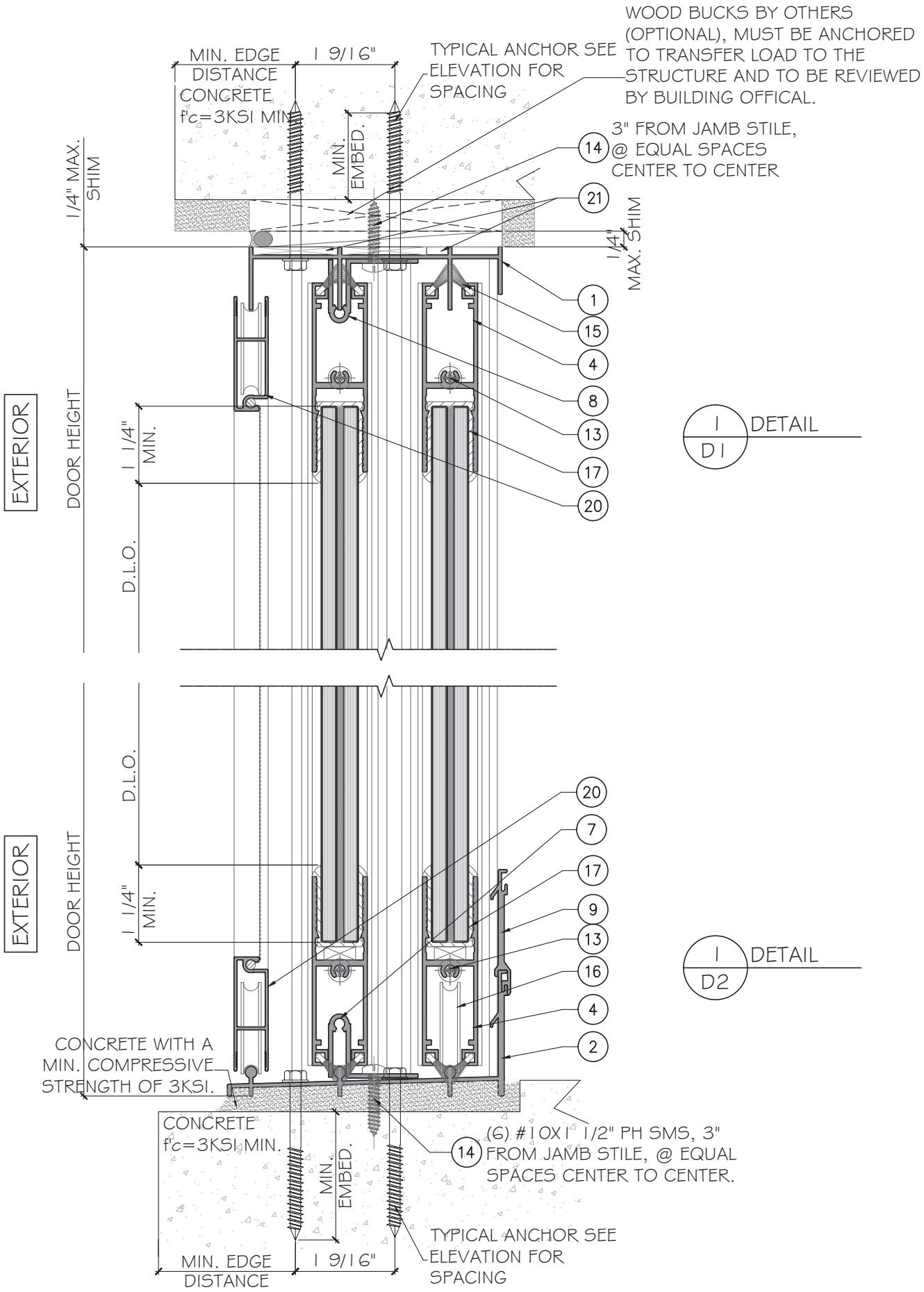
Rev. No.	Date	Drawn By	Description
R0	10/17/2023	James	RENEWAL

Drawn Date 10/17/2023 Scale

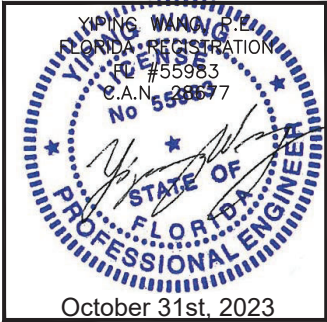
DRAWING NO.  
AD23-38

A1  
Sheet No.  
3 OF 7

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
12781 MIRAMAR PKWY #301  
MIRAMAR, FL 33027 P. 305.271.0117  
www.MCYEngineering.com MCY@mcyeengineering.com



**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-1103.01**  
Expiration Date: **03/14/2029**  
By: *Manuel Perez*  
Miami-Dade Product Control  
MIAMI DADE COUNTY



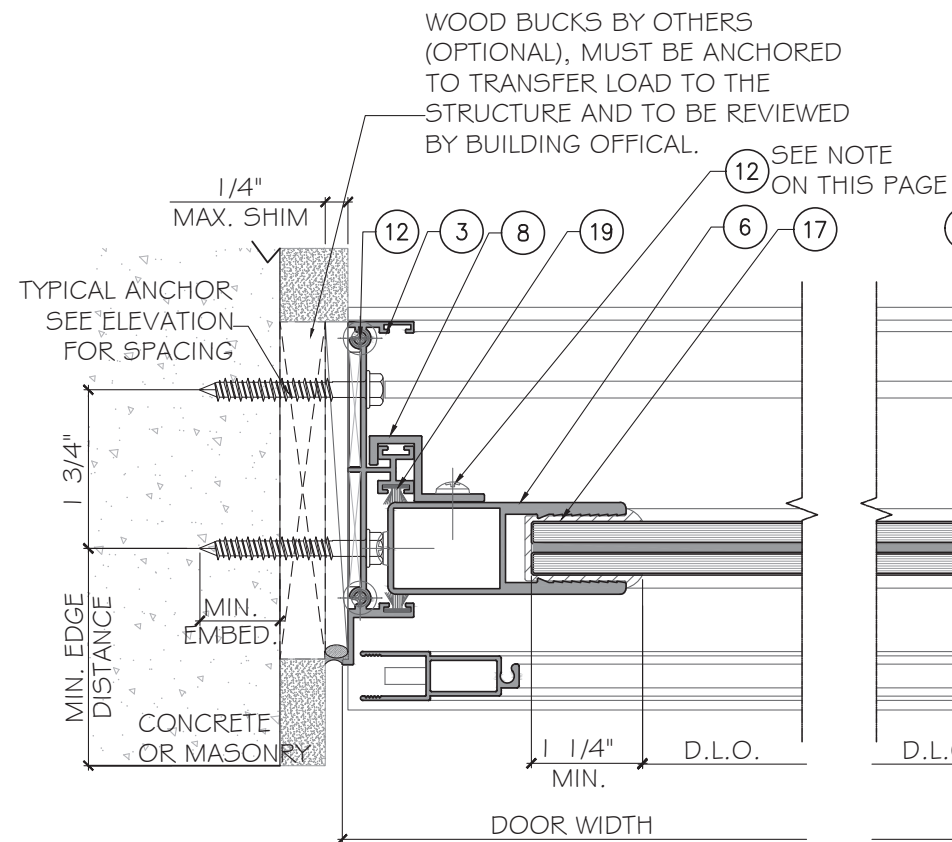
SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - L.M.I.  
FLORIDA STORM PANEL SUPPLY  
14475 NW 26TH AVENUE  
OPA LOCKA FL 33054  
TEL. 305-685-9000 EMAIL. DANIEL.M@FSPSALUMINUM.COM

Rev. No.	Date	Drawn By	RENEWAL
R0	10/17/2023	James	

Drawn Date 10/17/2023  
Scale  
DRAWING NO. AD23-38  
D1  
Sheet No. 4 OF 7

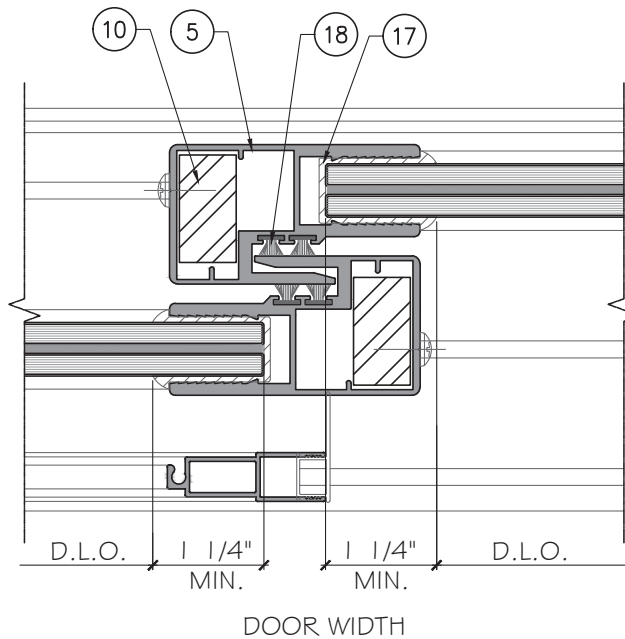
**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
12781 MIRAMAR PKWY #301  
MIRAMAR, FL 33027 P. 305.271.0117  
www.MCYEngineering.com MCY@mcyengineering.com





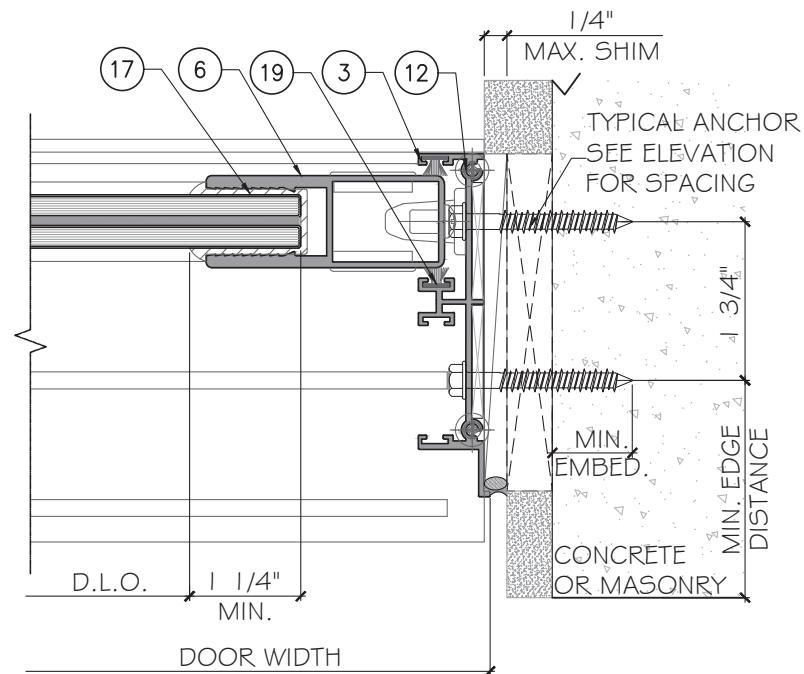
EXTERIOR

1  
D2



EXTERIOR

2  
D2



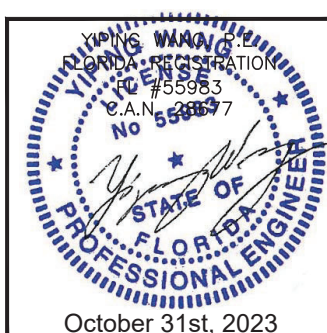
EXTERIOR

3  
D2

NOTE:  
(6) ITEM 12, AT 3" MAX. FROM TOP AND BOTTOM OF JAMBSTILE AND AT EQUAL SPACES O.C.

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-1103.01**  
Expiration Date: **03/14/2029**  
By: *Manuel Perez*  
Miami-Dade Product Control

MIAMI DADE COUNTY



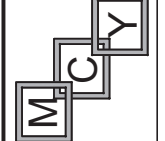
SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - L.M.I.

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

P. 305.271.0117

www.MCYEngineering.com

MCY@mcyeengineering.com

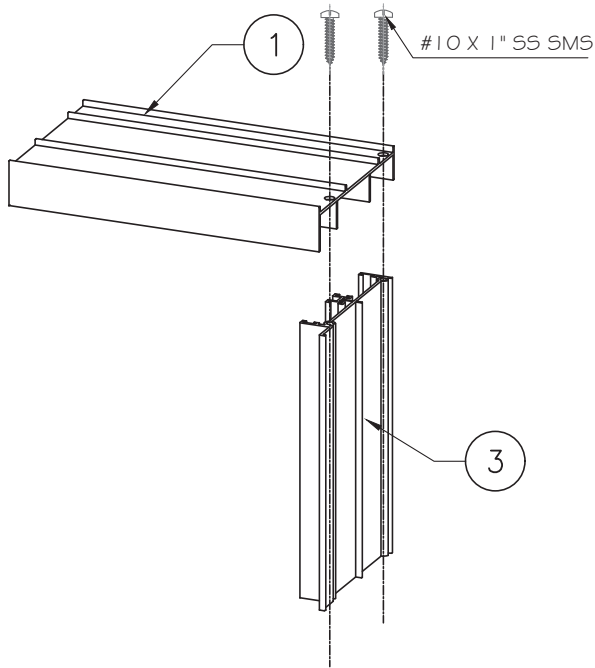
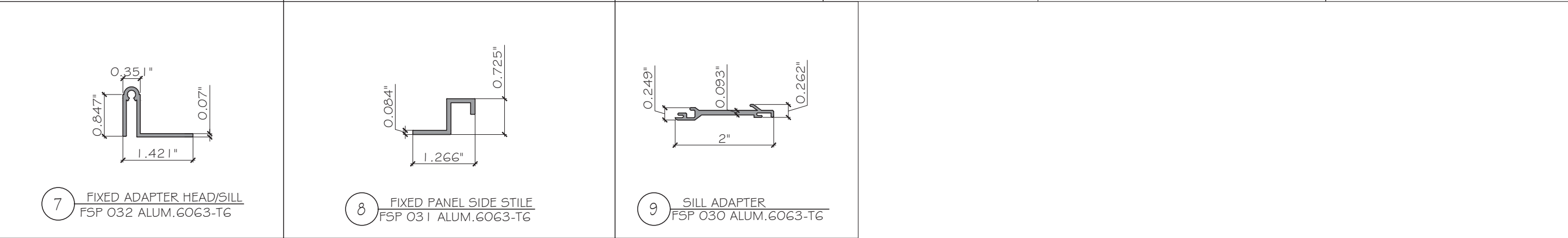
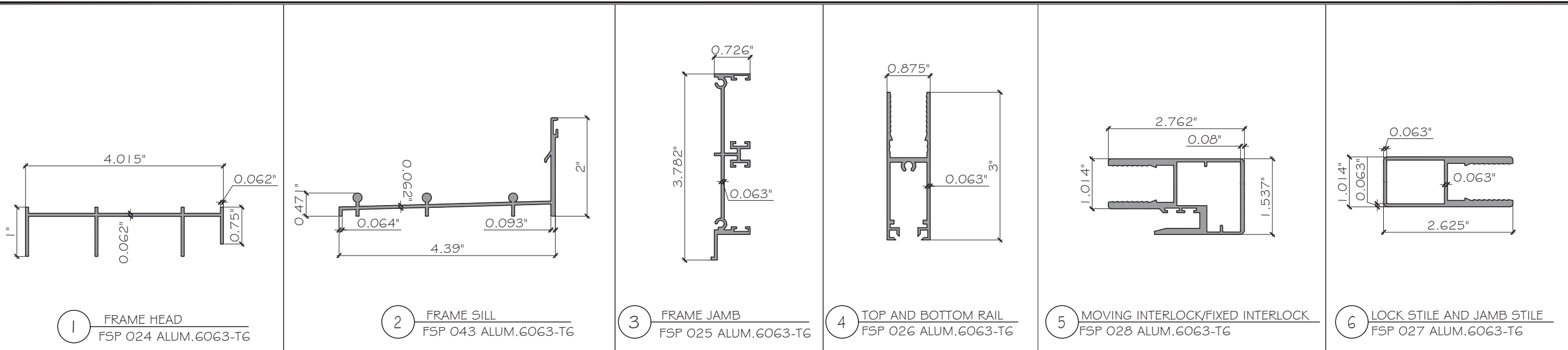
Rev. No.	Date	Drawn By	Description
R0	10/17/2023	James	RENEWAL

Drawn Date 10/17/2023 Scale

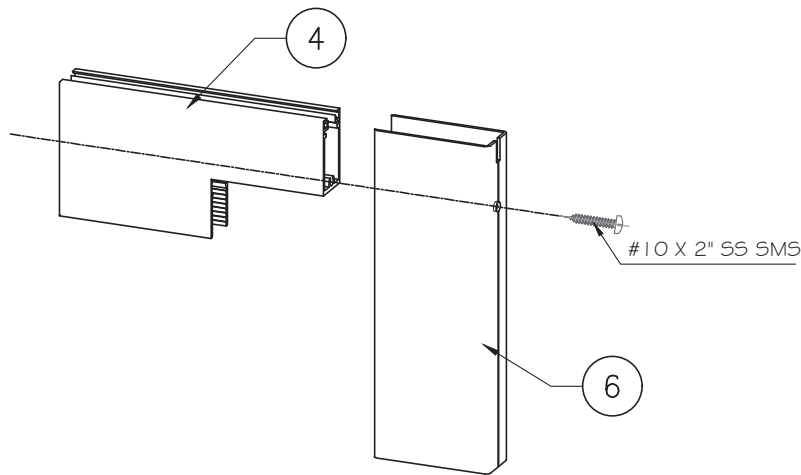
DRAWING NO.  
AD23-38

D2

Sheet No.  
5 OF 7



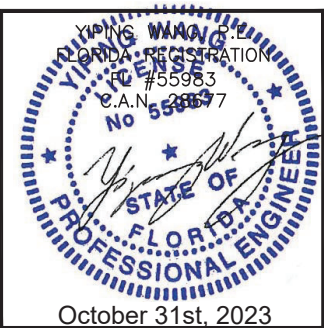
FRAME CORNER CONNECT



SASH FRAME CORNER CONNECT

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **23-1103.01**  
Expiration Date: **03/14/2029**  
By: *Manuel Perez*  
Miami-Dade Product Control

MIAMI DADE COUNTY



**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
12781 MIRAMAR PKWY #301  
MIRAMAR, FL 33027 P: 305.271.0117  
www.MCYEngineering.com MCY@mcyeengineering.com

SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - L.M.I.

FLORIDA STORM PANEL SUPPLY  
14475 NW 26TH AVENUE  
OPA LOCKA FL 33054  
TEL. 305-685-9000 EMAIL: DANIEL.M@FSPALUMINUM.COM

Rev. No.	Date	Drawn By	RENEWAL	Description
R0	10/17/2023	James		

Drawn Date: 10/17/2023

Scale:

DRAWING NO.

AD23-38

PART

Sheet No.

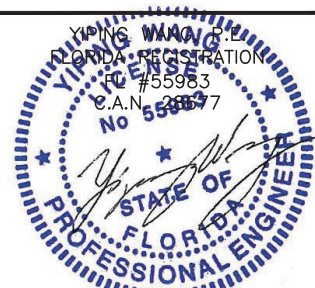
6 OF 7

# BILL OF MATERIALS

ITEM	PART	DESCRIPTION	MATERIAL
1	FSP 024	FRAME HEAD	ALUMINUM. 6063-T6
2	FSP 043	FRAME SILL	ALUMINUM. 6063-T6
3	FSP 025	FRAME JAMB	ALUMINUM. 6063-T6
4	FSP 026	TOP AND BOTTOM RAIL	ALUMINUM. 6063-T6
5	FSP 028	MOVING INTERLOCK/FIXED INTERLOCK	ALUMINUM. 6063-T6
6	FSP 027	LOCK STILE AND JAMB STILE	ALUMINUM. 6063-T6
7	FSP 032	FIXED ADAPTER HEAD/SILL	ALUMINUM. 6063-T6
8	FSP 031	FIXED PANEL SIDE STILE	ALUMINUM. 6063-T6
9	FSP 030	SILL ADAPTER	ALUMINUM. 6063-T6
10	FSP 101	5/8" X 1 3/16" STEEL BAR L= PANEL HEIGHT-24.5"	ASTM A36
11	GLASS	SEE GLAZING NOTES	-
12	FASTENER	#10 X 1" PM SMS	STAINLESS STEEL
13	FASTENER	#10 X 2" PH SMS	STAINLESS STEEL
14	FASTENER	#10 X 1 1/2" PH SMS	STAINLESS STEEL
15		WEATHER STRIP	VINYL
16		TANDEM ROLLER REGULAR (SS)	-
17		GLAZING BULB	SILICONE DURO 65±5
18		WEATHER STRIP (INTEGRAL FIN)	VINYL
19		VINYL BULB	VINYL
20		HORIZONTAL MARCO ANJEO FSP - 047	ALUMINUM. 6063-T5
21		SHIM	PP

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. 23-1103.01  
Expiration Date: 03/14/2029  
By: Manuel Perez  
Miami-Dade Product Control

MIAMI DADE COUNTY



October 31st, 2023

**SERIES FIW-2004D ALUMINUM SLIDING GLASS DOOR - 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@mcyengineering.com

					R0	Rev. No.	Date	Drawn By	RENEWAL	Description
AD23-38								James		
BOM										
Sheet No.										
7 OF 7										