



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Shanghai YY Windows CO. LTD.**  
**No. 9300 Hunan Highway,**  
**PuDong New Area, Shanghai, China, 201399**

### 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 “YY-100” Aluminum Fixed Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **AD 23-64**, titled “YY100 Aluminum Fixed Window Systems (L.M.I.)”, sheets 1 through 8 of 8, dated February 06, 2024, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

#### Limitations:

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Shanghai, China**, series, and the 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**



5.2.  
11/14/2024

NOA No. 24-0226.03  
Expiration Date: November 14, 2029  
Approval Date: November 14, 2024  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **AD 23-64**, titled "YY100 Aluminum Fixed Window Systems (L.M.I.)", sheets 1 through 10 of 10, dated February 06, 2024, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, 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  
along with marked-up drawings and installation diagram of aluminum project out window, prepared by Intertek Testing, Shanghai, China., Test Report No. **230515009SHF-002**, dated 01/15/2024, signed and sealed by Vinu Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-8<sup>th</sup> Edition dated 02/05/2024, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with ASTM E1300-04 & -09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 23-0713.18 issued to Eastman Chemical Company (MA) for their "Saflex PVB Clear and Color Glass Interlayers" dated 08/17/2023, expiring on 05/21/2026.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC2023 (8<sup>th</sup> Edition)** and "No financial interest" dated 01/31/2024, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Distributor Agreement, between manufacturer Shanghai YY Windows Co. LTD, China and DGC Development Corp., USA (Distributor) dated 05/31/2024, signed by Yvonne Yang, director and Daniel Jorge Oliveira, CEO on behalf of their respective companies.

**G. OTHER**

1. None.



Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 24-0226.03

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MULLION TRIB WIDTH (INCH)	FRAME HEIGHT (INCH)	HORIZONTAL	DESIGN LOAD (PSF)
44	86	W/O	+/- 63.3
42 3/4	86	W/O	+/- 65.0
37 1/2	86	W/	+/- 65.0

NOTE: FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.



DESIGN LOAD (PSF)
NOTE: FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+/- 65.0

MIAMI-DADE COUNTY

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
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**Approval Date** 11/14/2024

By                       
Miami-Dade Product Control



# YY100 ALUMINUM FIXED WINDOW SYSTEM - LARGE MISSILE IMPACT

SHANGHAI YY WINDOWS CO., LTD.

HAIYING ROAD, BINHAI INDUSTRIAL AREA

G, NANIONG, JIANGSU 201300;  
EMAIL: info@www.construction.com

P: +61 481 978 888

**MCY ENGINEERING, INC.**

## GLAZING CONSULTANTS

12781 MIRAMAR PARKWAY #301

MIRAMAR, FL 33027

mcy@mcyengineering.com

www.MCYEngineering.com

www.MCYEngineering.com

1	02.06.2024	James	NEW APPROVAL
Rev. No.	Date	Drawn By	Description

Drawn Date	Drawn By
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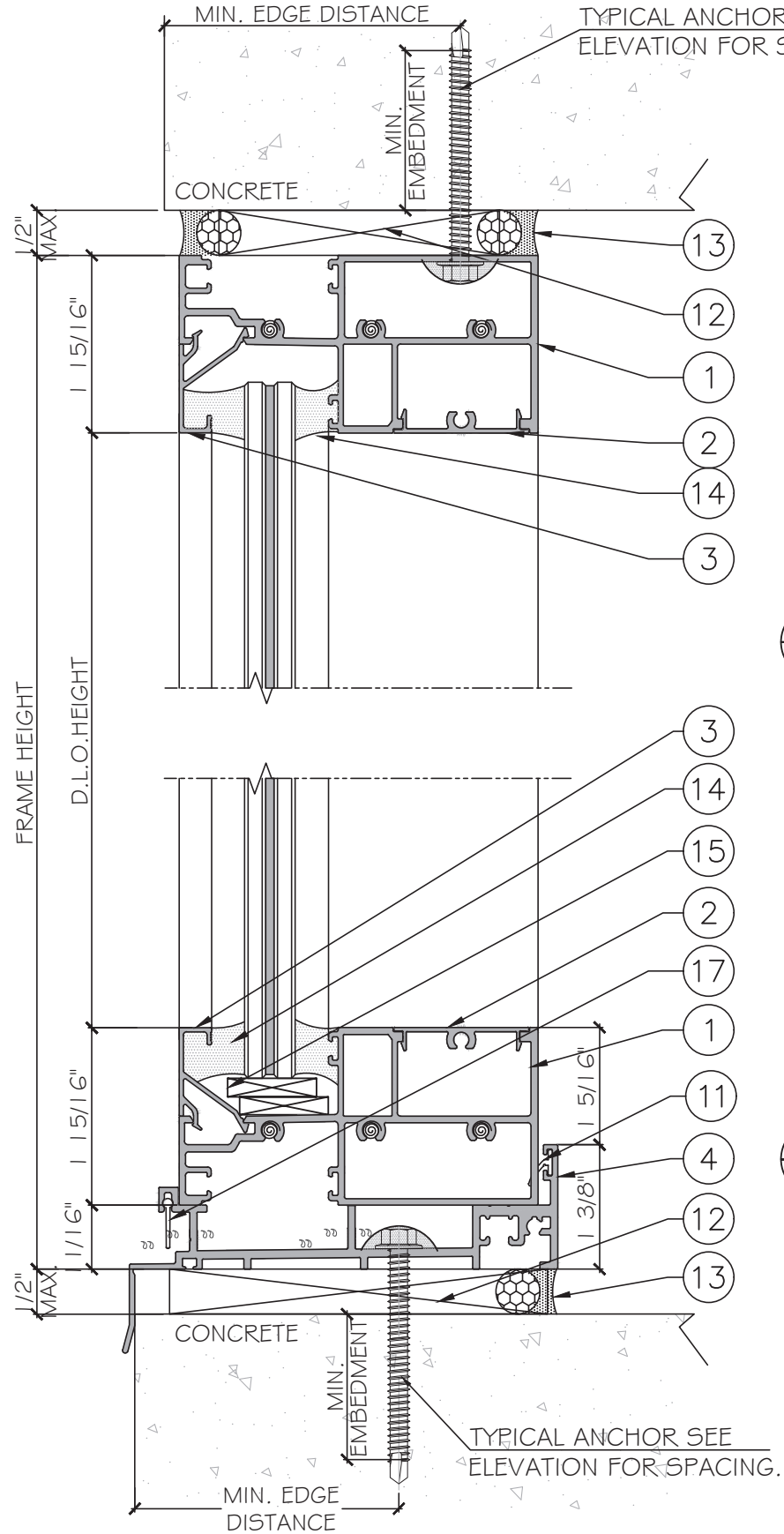
DRAWING NO.  
AD23-64

E1

Sheet No.  
2 OF 8



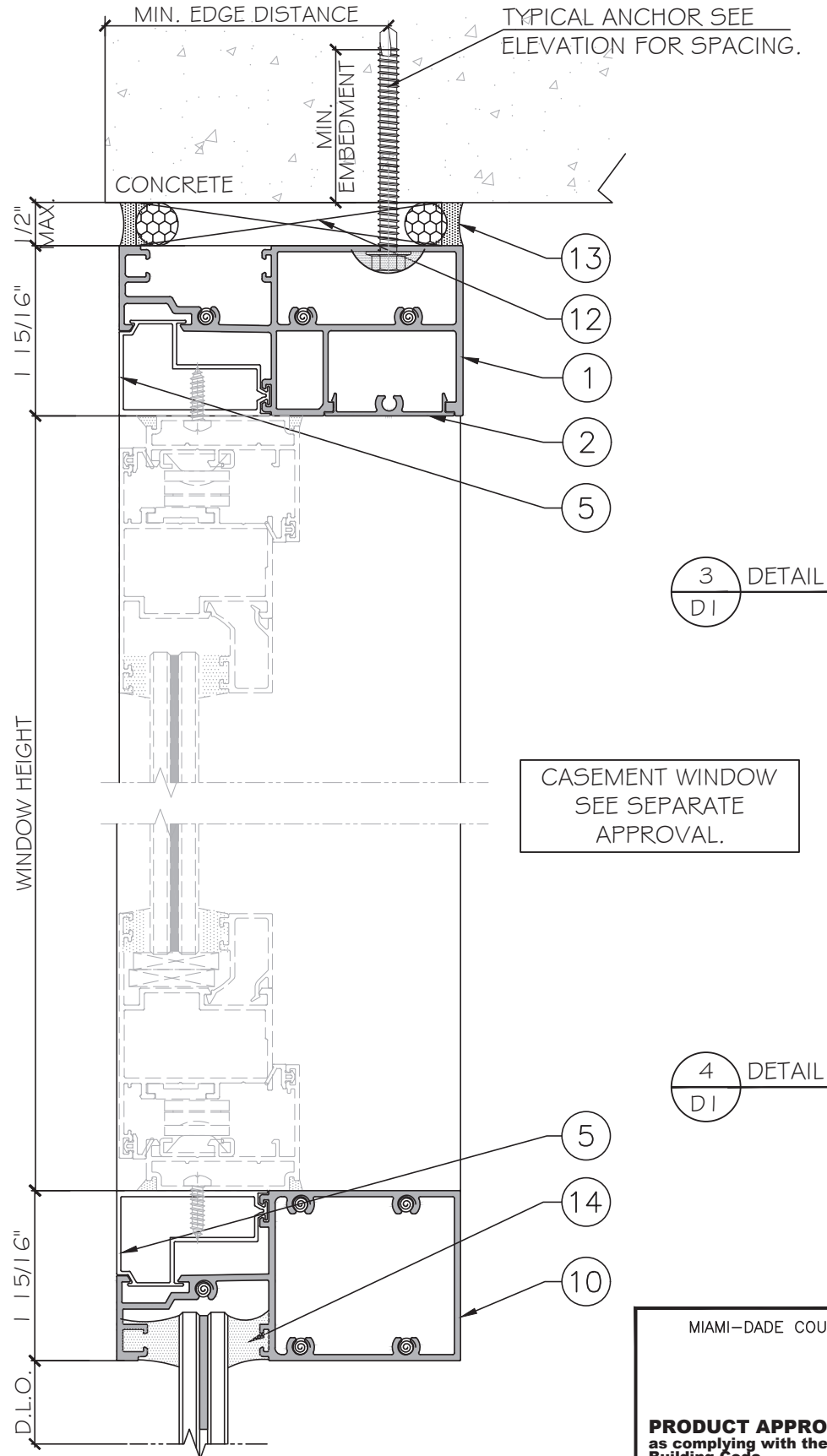
EXTERIOR



1  
DI  
DETAIL

2  
DI  
DETAIL

EXTERIOR



3  
DI  
DETAIL


4  
DI  
DETAIL

CASEMENT WINDOW  
SEE SEPARATE  
APPROVAL.

MIAMI-DADE COUNTY

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
NOA-No. 24-0226.03  
Approval Date 11/14/2024  
By   
Miami-Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
C.A.N. 28837



February 07th, 2024

YY100 ALUMINUM FIXED WINDOW SYSTEM - LARGE MISSILE IMPACT

SHANGHAI YY WINDOWS CO., LTD.  
HAYING ROAD, BINHAI INDUSTRIAL AREA  
QIDONG, NANTONG, JIANGSU 201300, China  
EMAIL: info@yyconstruction.com  
P: +61 481 978 888

Rev. No.	Date	Drawn By	Description
1	02.06.2024	James	NEW APPROVAL

DRAWING NO. AD23-64

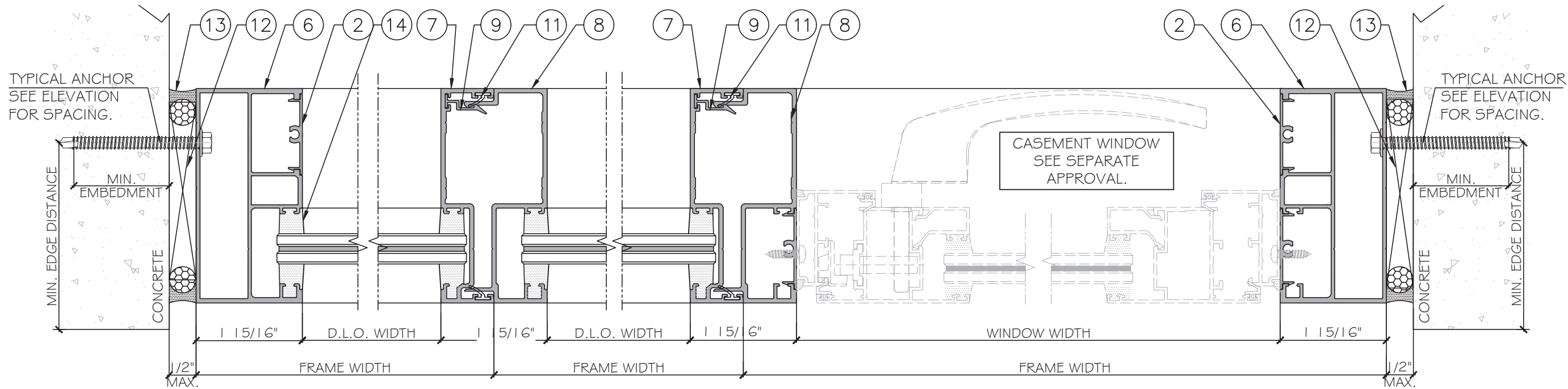
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Sheet No. 3 OF 8

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS



12781 MIRAMAR PARKWAY #301  
MIRAMAR, FL 33027  
P: 305-271-0117  
www.MCYEngineering.com mcy@mcyengineering.com



1  
D2  
DETAIL

2  
D2  
DETAIL

EXTERIOR

3  
D2  
DETAIL

4  
D2  
DETAIL

MIAMI-DADE COUNTY

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Drawn Date 02.06.2024  
Drawn By James

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AD23-64

D2

Sheet No.  
4 OF 8

SHANGHAI YY WINDOWS CO., LTD.  
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www.MCYEngineering.com mcy@mcyengineering.com

TYPICAL ANCHOR TYPES:  
SEE ELEVATIONS FOR SPACING

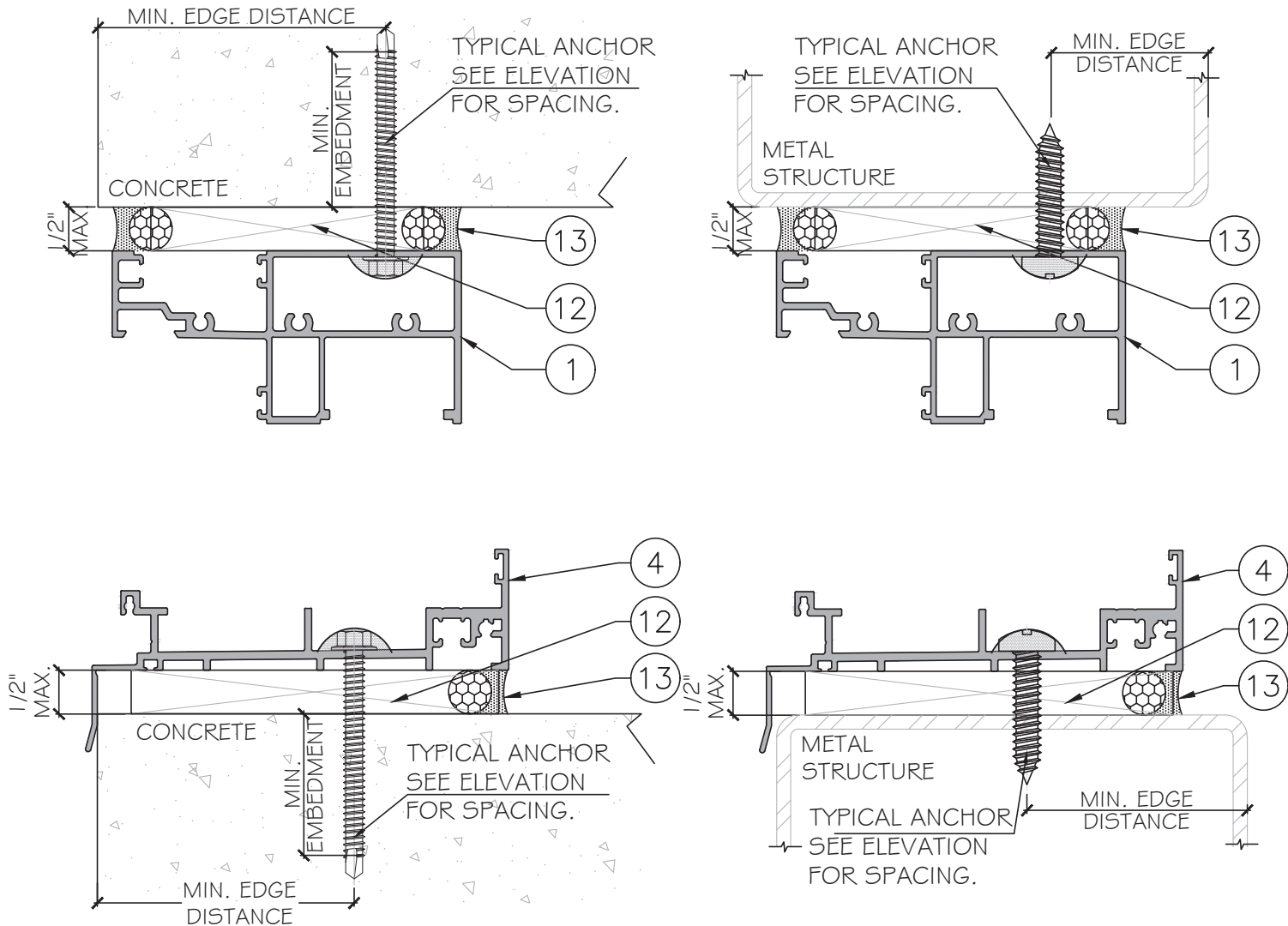
- TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' (F<sub>u</sub>=164 KSI, F<sub>y</sub>=148 KSI)  
1 3/4" MIN. EMBED INTO CONCRETE (HEAD/ JAMBS/ SILL)  
1 3/4" MIN. EMBED INTO CONC. BLOCKS (JAMB ONLY)
- TYPE "B": 1/4" TEKS/SELF DRILLING SCREW(GRADE 5) (F<sub>u</sub>=120 KSI, F<sub>y</sub>=92 KSI)  
INTO APPROVED MULLIONS  
(1/8" THK. MIN.) INTO METAL STRUCTURE

STEEL: 1/8" THK. MIN. OR 12 GA. MIN. (F<sub>y</sub>=36 KSI MIN.)  
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PANTED)

TYPICAL ANCHOR EDGE DISTANCE:  
INTO CONCRETE = 2 1/2" MIN.  
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f<sub>c</sub> = 3000 psi MIN.  
C-90 HOLLOW/FILLED BLOCK f<sub>m</sub> = 2000 psi MIN.  
NORMAL STRENGTH CMU(AT JAMB ONLY)

GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 983.  
FRAME CORNERS SEALED WITH DOW CORNING 999 OR EQUAL COMPATIBLE



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By *[Signature]*  
Miami-Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
C.A.N. 28657

*[Signature]*

STATE OF FLORIDA  
PROFESSIONAL ENGINEER

February 07th, 2024

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YY100 ALUMINUM FIXED WINDOW SYSTEM - LARGE MISSILE IMPACT

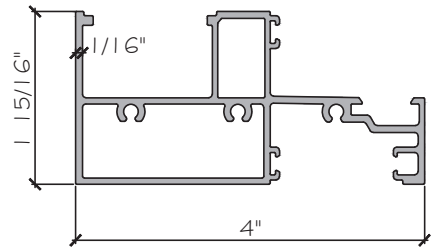
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Drawn Date 02.06.2024 Drawn By James

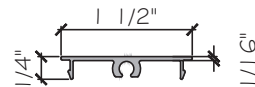
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Sheet No. 5 OF 8

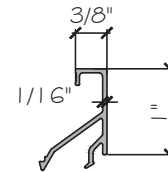
**MCY ENGINEERING, INC.**  
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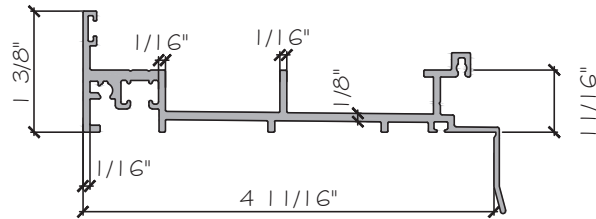
1 HEAD / SILL  
YY100-74 6063-T5



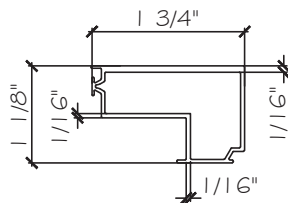
2 ALUM COVER PLATE  
YY86-21 6063-T5



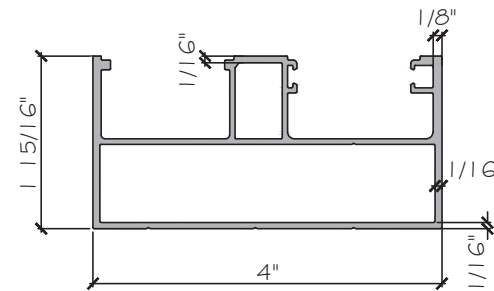
3 ALUM. GLAZING BEAD  
YY100-7 6063-T5



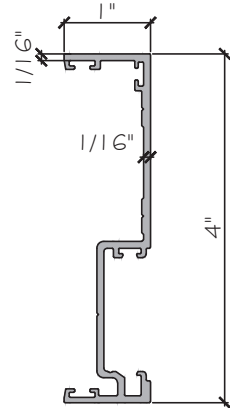
4 ALUM. SUBSILL  
YY100-2 6063-T5



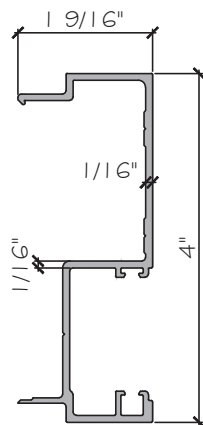
5 ALUM. SUPPORTING PROFILES  
YY100-36 6063-T5



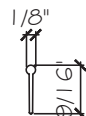
6 ALUM. JAMB  
YY100-73 6063-T5



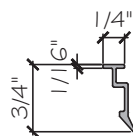
7 ALUM. FEMALE COLUMN.  
YY100-3 6063-T6



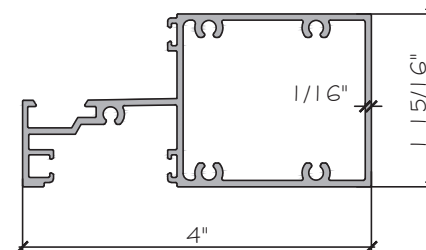
8 ALUM. MALE COLUMN.  
YY100-2 6063-T6



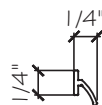
9 EPDM GASKET  
EPDM



10 ALUM. SNAP.  
YY100-15 6063-T5



11 YY100-62 ALUM. TRANSOM  
6063-T5

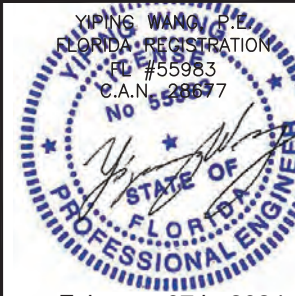


12 EPDM GASKET  
EPDM

MIAMI-DADE COUNTY

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1	02.06.2024	James	NEW APPROVAL

Drawing Date 02.06.2024

Drawing By James

DRAWING NO. AD23-64

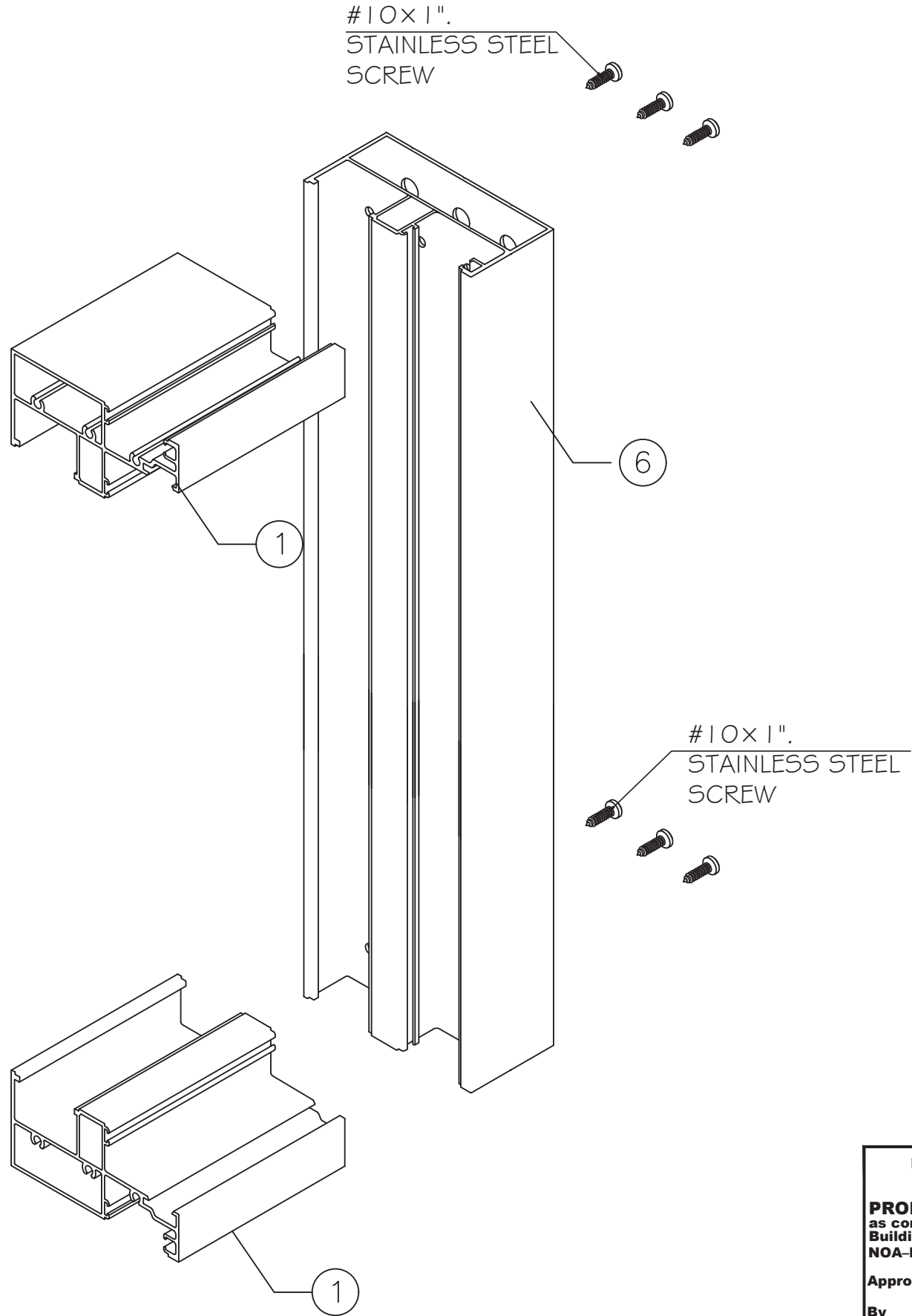
PART

Sheet No. 6 OF 8



BILL OF MATERIALS				
ITEM	PART	DESCRIPTION	MATERIAL	MANUF./REMARKS
1	YY100-74	HEAD / SILL	ALUM.6063-T5	YY WINDOWS
2	YY86-21	COVER PLATE	ALUM.6063-T5	YY WINDOWS
3	YY100-7	GLAZING BEAD	ALUM.6063-T5	YY WINDOWS
4	YYT100-2	SUBSILL	ALUM.6063-T5	YY WINDOWS
5	YY100-36	SUPPORTING PROFILES	ALUM.6063-T5	YY WINDOWS
6	YY100-73	JAMB	ALUM.6063-T5	YY WINDOWS
7	YY100-3	FEMALE COLUMN	ALUM.6063-T6	YY WINDOWS
8	YY100-2	MALE COLUMN	ALUM.6063-T6	YY WINDOWS
9	YY100-15	ALUM. SNAP	ALUM.6063-T5	YY WINDOWS
10	YY100-62	ALUMINUM TRANSOM	ALUM.6063-T5	YY WINDOWS
11	--	EPDM GASKET	EPDM	Durometer 50±5 shore A
12	--	PLASTIC SHIM	--	--
13	--	WEATHER SEALANT	DOWSIL 795 OR 790	DOW CORNING
14	--	WEATHER SEALANT	DOWSIL 795	DOW CORNING
15	--	SETTING BLOCK	TPE	SHORE HARDNESS 65-80
16	--	#10×1". ASSEMBLY SCREW.	STAINLESS STEEL	--
17	--	EPDM GASKET	EPDM	Durometer 50±5 shore A

Sheet No.  
OF 8



MIAMI-DADE COUNTY

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Drawn Date 02.06.2024

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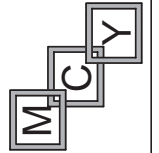
DRAWING NO.  
AD23-64

ASSEMBLY

Sheet No.  
8 OF 8

YY100 ALUMINUM FIXED WINDOW SYSTEM - LARGE MISSILE IMPACT

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