



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

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-86” Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD 23-68**, titled “YY 86 Fixed Window Systems (L.M.I.)”, sheets 1 through 13 of 13, dated January 26, 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.
11/04/2024

NOA No. 24-0205.02
Expiration Date: November 07, 2029
Approval Date: November 07, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **AD 23-68**, titled "YY 86 Fixed Window Systems (L.M.I.)", sheets 1 through 13 of 13, dated January 26, 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-003**, dated 01/18/2024, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-8th Edition dated 01/24/2024, 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 (8th Edition)** and "No financial interest" dated 01/24/2024, issued by MCY Engineering, Inc., signed and sealed by Yipping 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

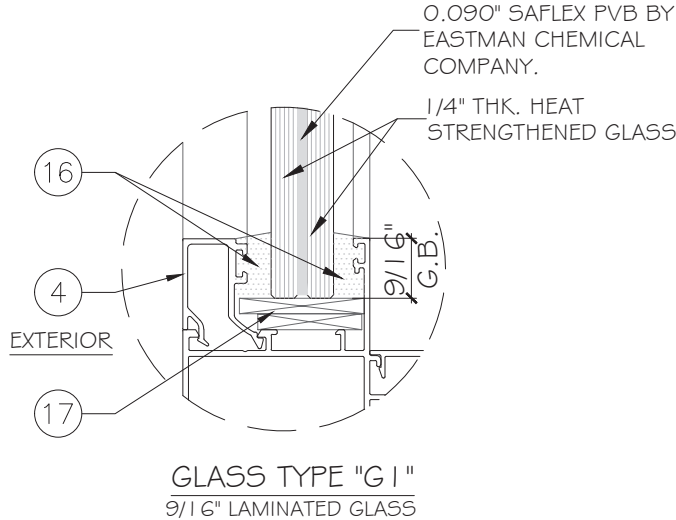
1. None.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 24-0205.02

Expiration Date: November 07, 2029
Approval Date: November 07, 2024

SHANGHAI YY WINDOWS CO., LTD.
YY86 FIXED WINDOW SYSTEM - LM



NOTE:
GLASS COMPLIES WITH ASTM E 1300-09
(3 SEC. GUSTS).

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS.
ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL / METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023 SECTION AS APPLICABLE.
- 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.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
- SEALANT:
ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.

- 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 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD OR WIND TUNNEL REPORTS.

STEP 2: SEE SHEET 02 THROUGH 04 FOR APPROVED TYPICAL ELEVATION & CONFIGURATION.

STEP 3: ANCHOR OPTION SEE SHEET 10. ANCHOR LAYOUT SEE SHEET 02 THROUGH 04.

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.

ABBREVIATIONS AND SYMBOLS	
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	

PRODUCT CONTROL			
PRODUCT APPROVED as complying with the Florida Building Code			
NOA-No.	24-0205.02		
Approval Date	11/07/2024		
By			
Miami-Dade Product Control			

[illegible]

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY.STE. 301
MIRAMAR, FL 33027 P: 305.271.0100

www.MCYEngineering.com mcy@mcyengineering.com

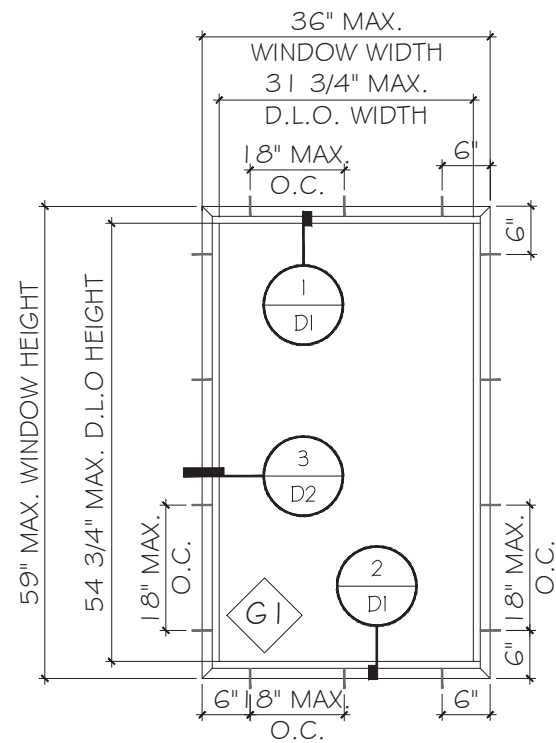
YY86 FIXED WINDOW SYSTEM- LMI

SHANGHAI YY WINDOWS CO.,LTD

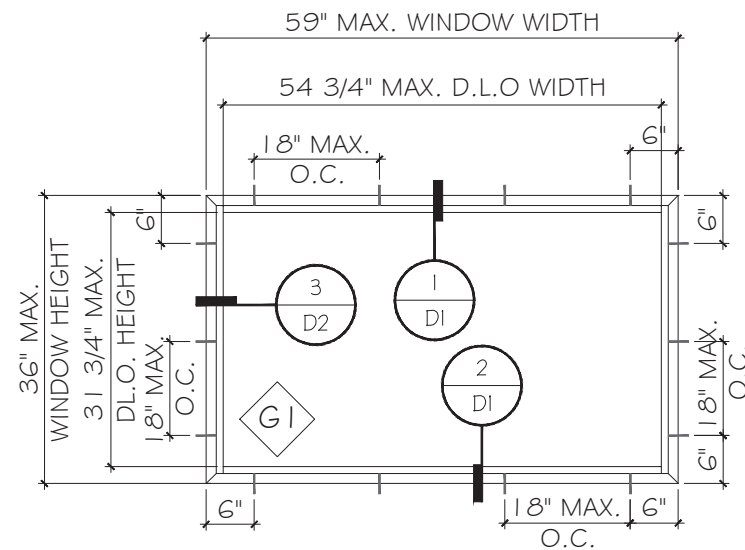
NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA

TEL. +86 189 1616 7018

EMAIL: ywome@yyconstruction.com



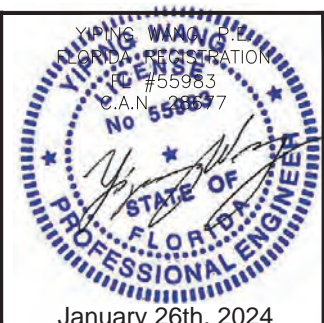
ALLOWABLE DESIGN LOAD
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+65 PSF - 65 PSF




ALLOWABLE DESIGN LOAD
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+ 65 PSF
- 65 PSF

PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 24-0205.02
Approval Date 11/07/2024
By 
Miami-Dade Product Control



MCY ENGINEERING, INC. GLAZING CONSULTANTS  12781 MIRAMAR PKWY.,STE. 301 MIRAMAR, FL 33027 P: 305.271.0117 www.MCYEngineering.com mcy@mcyengineering.com					
Y86 FIXED WINDOW SYSTEM- LMI					
SHANGHAI YY WINDOWS CO.,LTD NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA TEL +86 189 1616 7018 EMAIL: yvonne@yyconstruction.com					
		R1	01/26/2024	JAMES	NEW APPLICATION
Drawn Date 01.26.2024			Scale AS SHOWN	Drawn By	Description
DRAWING NO.					
AD23-68					
E1					
Sheet No.					
2 OF 13					



ALLOWABLE DESIGN LOAD
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+65 PSF - 65 PSF

Y86 FIXED WINDOW SYSTEM - LMI

SHANGHAI YY WINDOWS CO.,LTD
NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA

TEL.+86 189 1616 7018
EMAIL:yvonne@yyconstruction.com

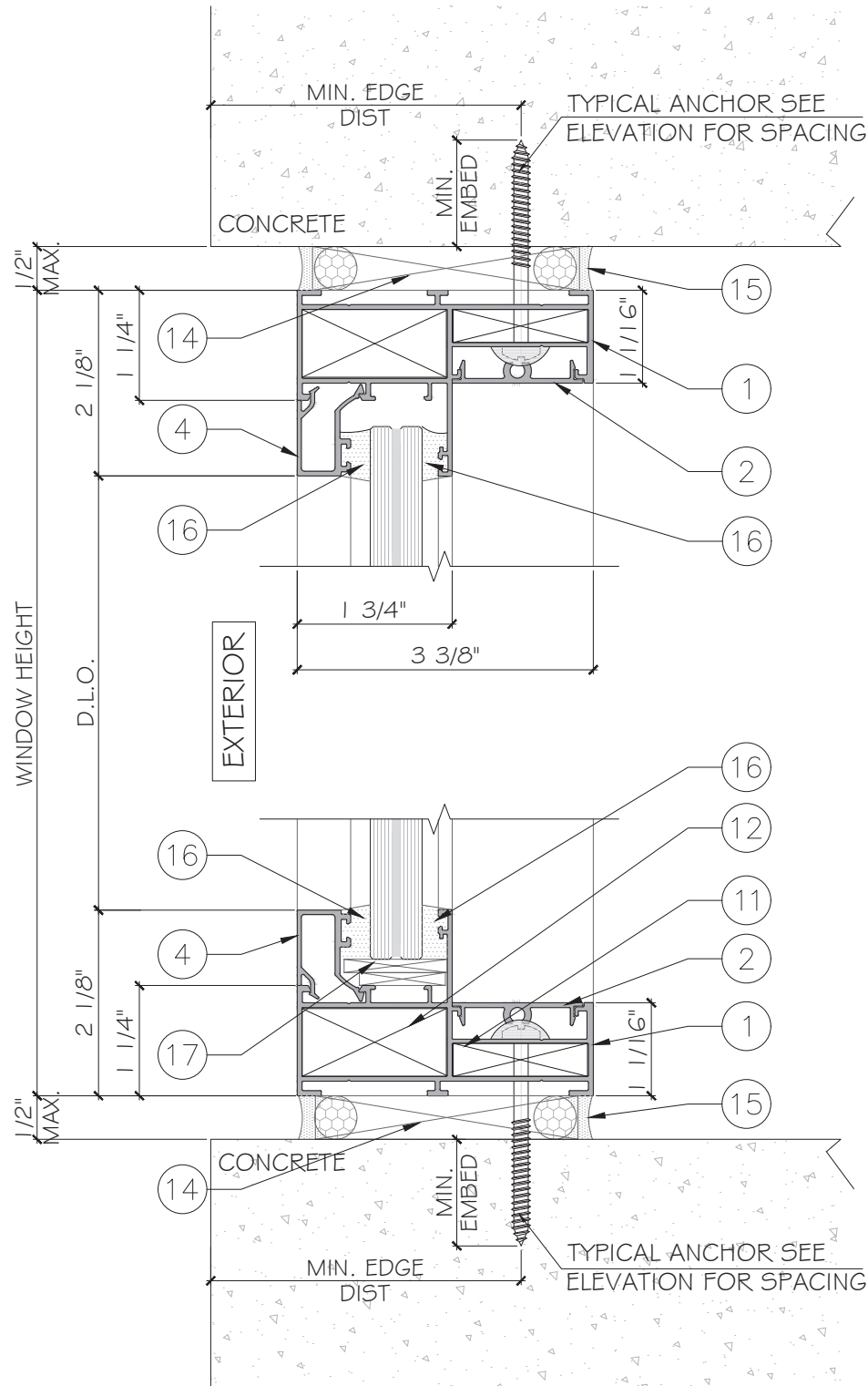
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.271.0117
mcy@mcengineering.com

[illegible]

Drawn Date	Scale
01.26.2024	AS SHOWN

Sheet No. _____

4 OF 13



I
DI

DETAIL

2
DI

DETAIL

PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 24-0205.02
Approval Date 11/07/2024
By 
Miami-Dade Product Control



YIPING WANG, P.E.
FLORIDA REGISTRATION
#55983
C.A.N. 20837

January 26th, 2024

Rev. No.	Date	Drawn By	Description
R1	01/26/2024	JAMES	NEW APPLICATION
Drawn Date 01/26/2024			Scale AS SHOWN
DRAWING NO. AD23-68			
D1			
Sheet No. 5 OF 13			

YY86 FIXED WINDOW SYSTEM- LMI

SHANGHAI YY WINDOWS CO.,LTD

NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA

TEL: +86 189 1616 7018

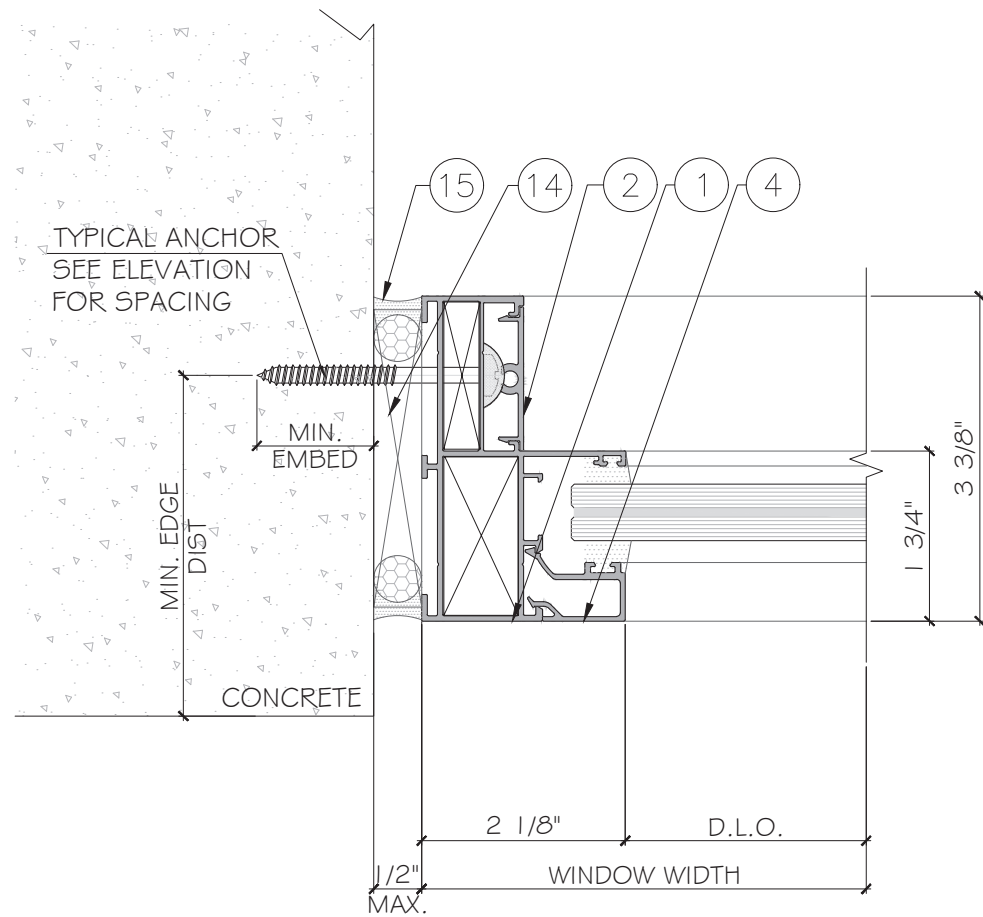
EMAIL: ywome@yyconstruction.com



MCY ENGINEERING, INC.
GLAZING CONSULTANTS

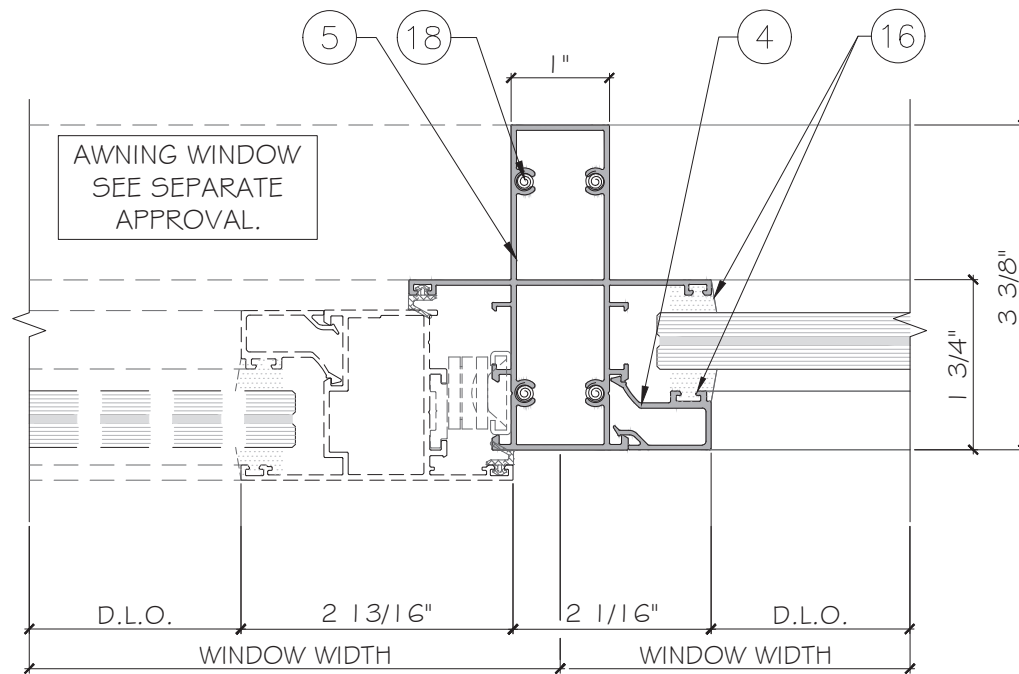
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com



EXTERIOR

3
D2
DETAIL



EXTERIOR

4
D2
DETAIL

PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 24-0205.02

Approval Date 11/07/2024

By *[Signature]*
Miami-Dade Product Control



January 26th, 2024

Rev. No.	Date	Drawn By	Description
R1	01.26.2024	JAMES	NEW APPLICATION

Drawn Date 01.26.2024

Scale AS SHOWN

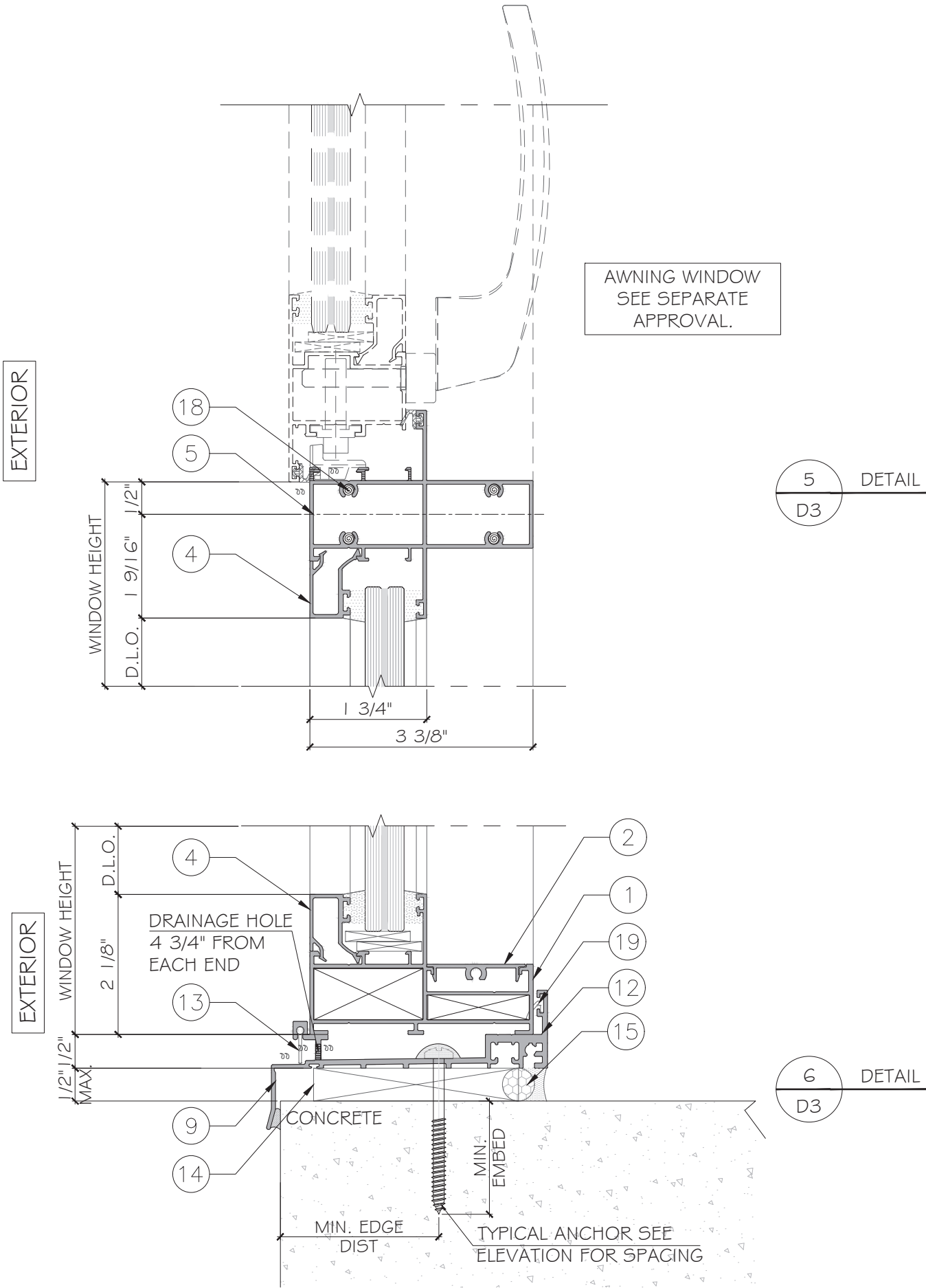
DRAWING NO.

AD23-68

D2

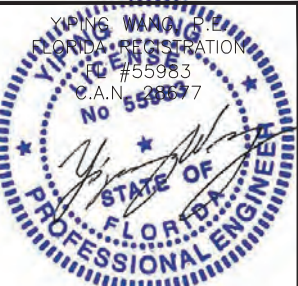
Sheet No.

6 OF 13



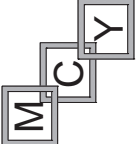
PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 24-0205.02
Approval Date 11/07/2024
By 
Miami-Dade Product Control



January 26th, 2024

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



YY86 FIXED WINDOW SYSTEM- LMI

SHANGHAI YY WINDOWS CO., LTD
NO.9300 Hunan high way, PUDONG NEW AREA, SHANGHAI CHINA
TEL: +86 189 1616 7018
EMAIL: ywome@yyconstruction.com

Rev. No.	Date	Drawn By	Description
R1	01.26.2024	JAMES	NEW APPLICATION

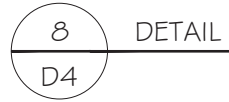
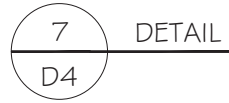
Drawn Date 01.26.2024

Scale AS SHOWN

DRAWING NO. AD23-68

D3

Sheet No. 7 OF 13



PRODUCT CONTROL


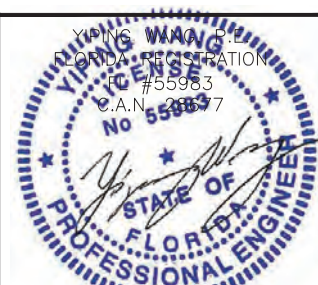
PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 24-0205.02

Approval Date 11/07/2024

By 

Miami-Dade Product Control



MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301
MIRAMAR, FL 33027 P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com

YY86 FIXED WINDOW SYSTEM- LMI

SHANGHAI YY WINDOWS CO.,LTD

NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA

TEL: +86 189 1616 7018

EMAIL: yvonne@yyconstruction.com

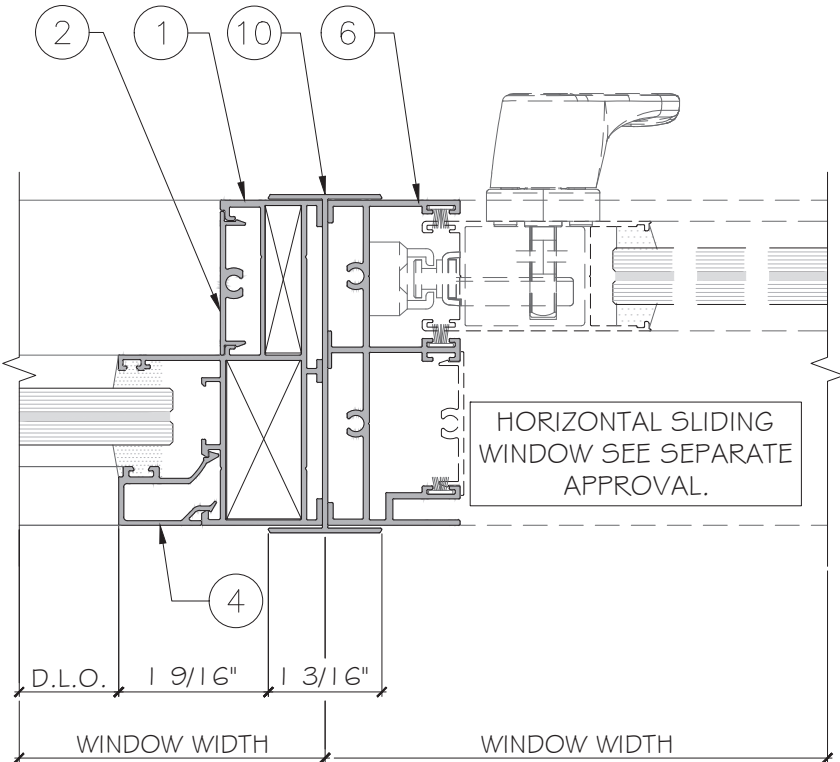
[illegible]

Drawn Date	Scale
01.26.2024	AS SHOWN

DRAWING NO.
AD23-68

D4

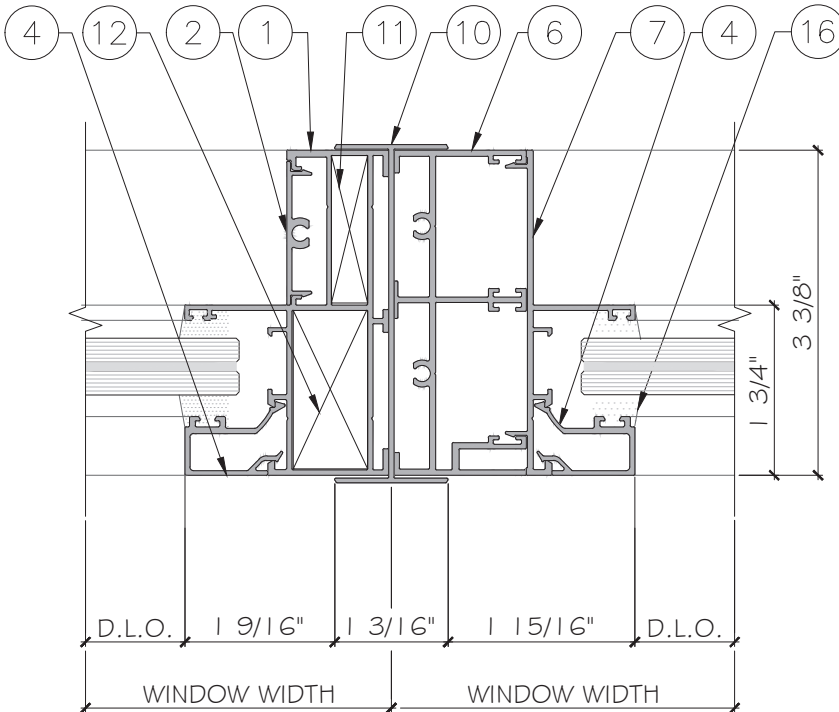
Sheet No.
8 OF 13



EXTERIOR

9
D5

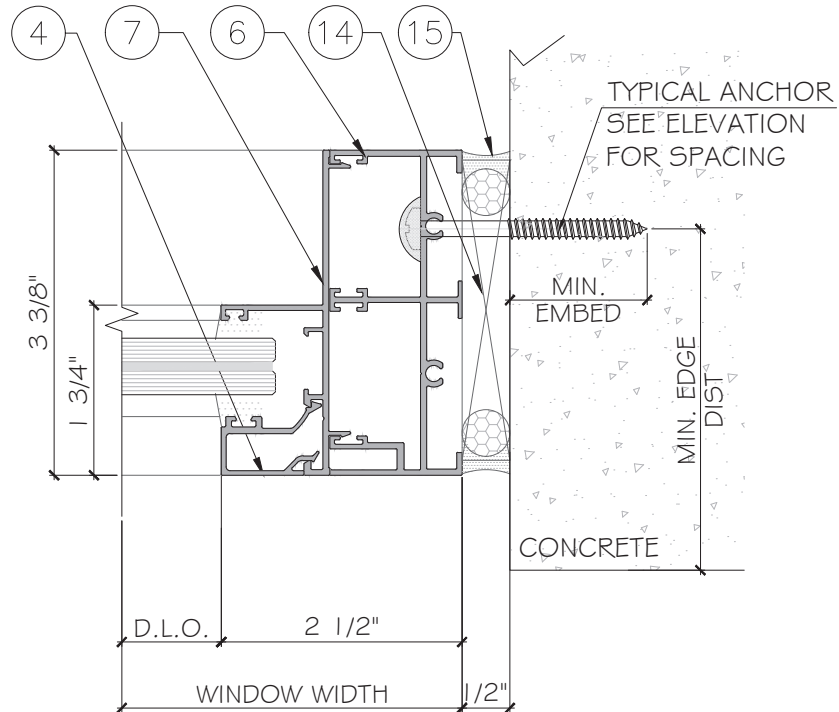
DETAIL



EXTERIOR

10
D5

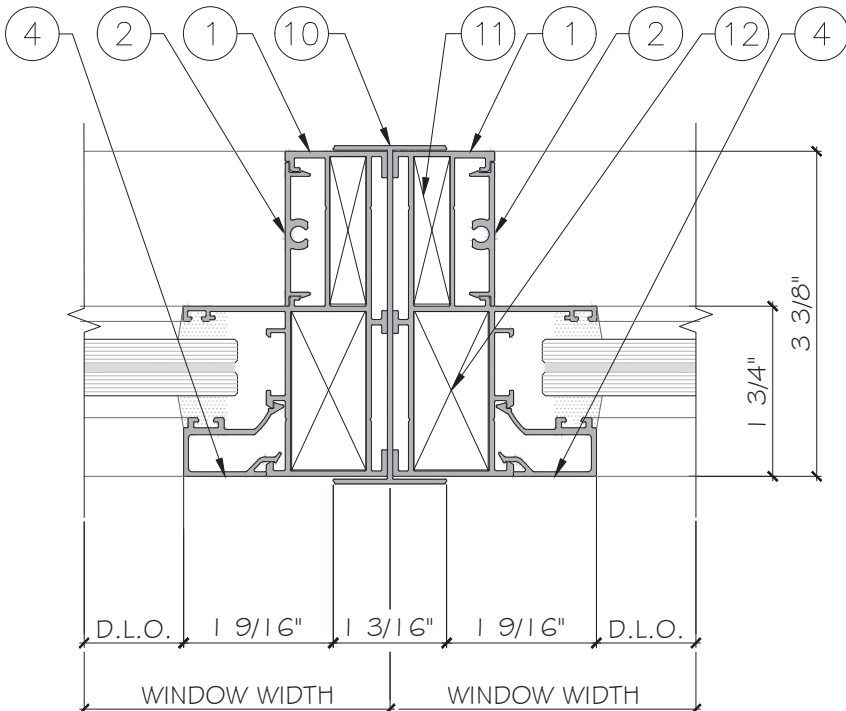
DETAIL



EXTERIOR

11
D5

DETAIL



EXTERIOR

12
D5

DETAIL

PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 24-0205.02
Approval Date 11/07/2024
By 
Miami-Dade Product Control



January 26th, 2024

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

www.MCYEngineering.com
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027
P: 305.271.0117
mcy@mcyengineering.com

YY86 FIXED WINDOW SYSTEM- LMI
SHANGHAI YY WINDOWS CO., LTD
NO.9300 Hunan high way, PUDONG NEW AREA, SHANGHAI CHINA
TEL: +86 189 1616 7018
EMAIL: ywome@yyconstruction.com

Rev. No.	Date	Drawn By	Description
R1	01.26.2024	JAMES	NEW APPLICATION

Drawn Date
01.26.2024

Scale
AS SHOWN

AD23-68

D5

Sheet No.
9 OF 13

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.

TYPICAL ANCHOR TYPES:
SEE ELEVATIONS FOR SPACING

TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' (F_u=164 KSI, F_y=148 KSI).
1 3/4" MIN. EMBED INTO CONCRETE (HEAD/ JAMBS/ SILL).
1 3/4" MIN. EMBED INTO CONC. BLOCKS (JAMB ONLY).

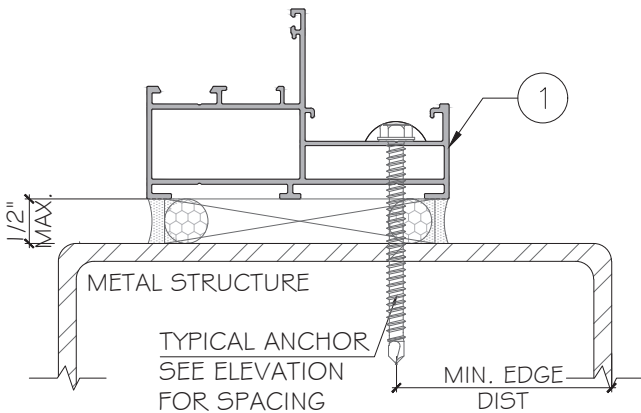
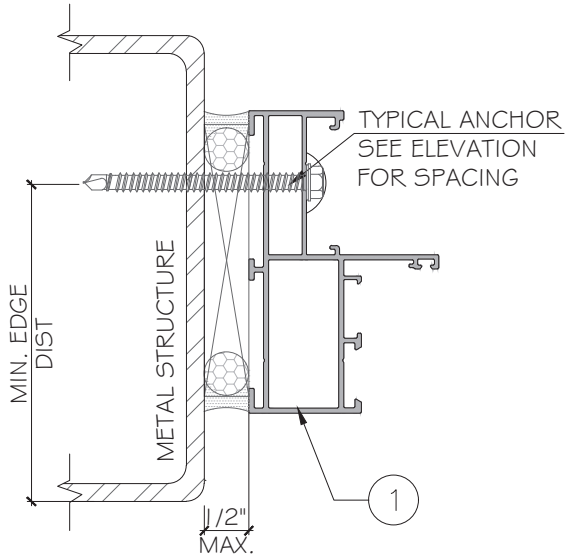
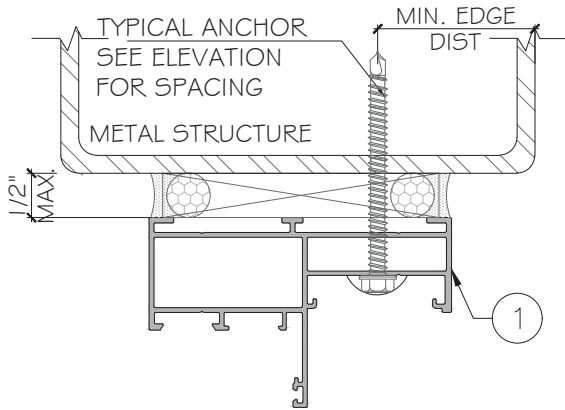
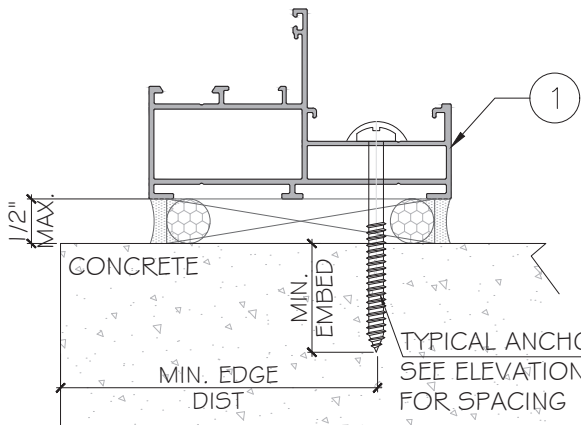
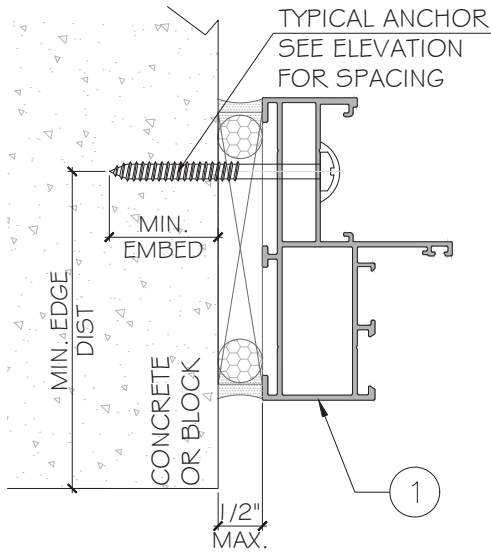
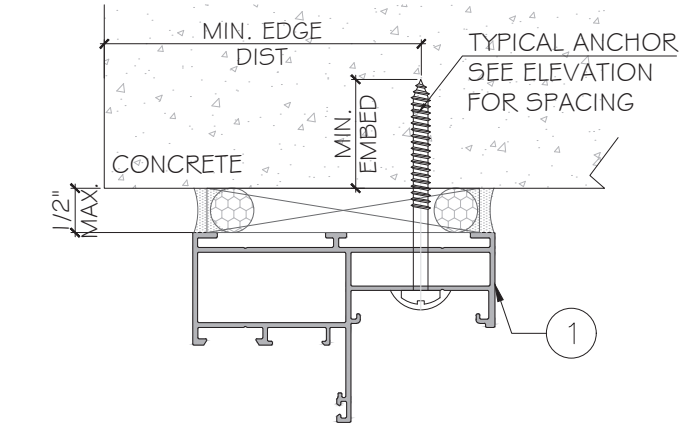
TYPE "B": 1/4" TEK5/SELF DRILLING SCREW(GRADE 5) (F_u=120 KSI, F_y=92 KSI).
INTO APPROVED MULLIONS.
INTO METAL STRUCTURE.

STEEL: 1/8" THK. MIN. (F_y=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_c = 3000 p_{si} MIN.
C-90 HOLLOW/FILLED BLOCK f_m = 2000 p_{si} 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



PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 24-0205.02

Approval Date 11/07/2024

By 
Miami-Dade Product Control



January 26th, 2024

MCY ENGINEERING, INC.
GLAZING CONSULTANTS



12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

YY86 FIXED WINDOW SYSTEM- LMI
SHANGHAI YY WINDOWS CO.,LTD
NO.9300 Hunan High way, PUDONG NEW AREA,SHANGHAI CHINA
TEL: +86 189 1616 7018
EMAIL: ywome@yyconstruction.com

Rev. No.	Date	Drawn By	Description
R1	01.26.2024	JAMES	NEW APPLICATION

Drawn Date 01.26.2024 Scale AS SHOWN

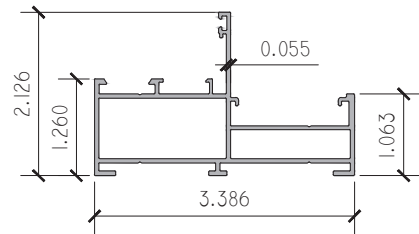
DRAWING NO.

AD23-68

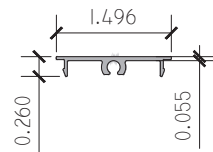
A1

Sheet No.

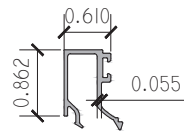
10 OF 13



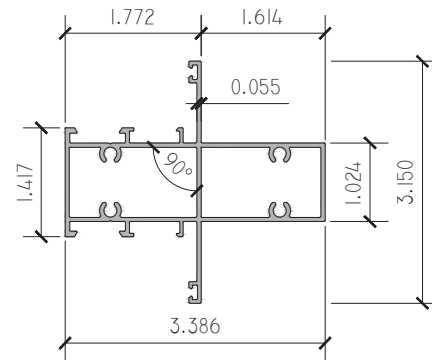
ALUM.FRAME
YY86-3 6063-T5



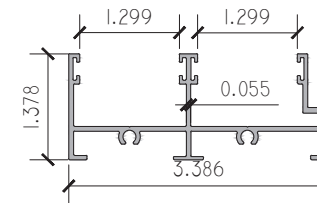
2 ALUM. COVER PLATE
YY86-21 6063-T5



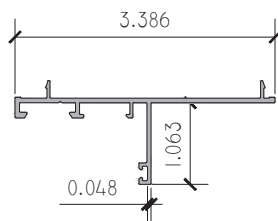
4 ALUM. GLAZING BEAD
YY150-46 6063-T5



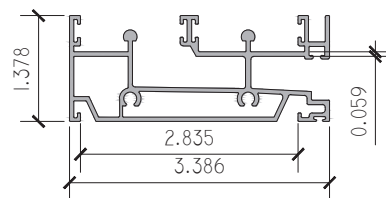
5 ALUM.COLUMN.
YY86-4 6063-T6



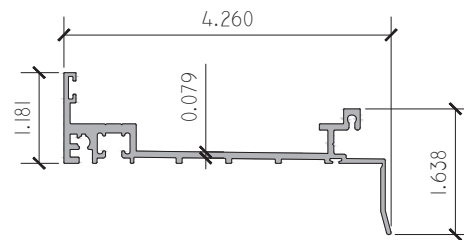
6 ALUM.FRAME
YY86-24 6063-T5



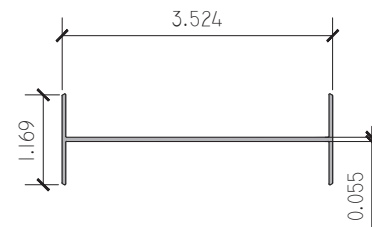
7 ALUM.CONVERT PROFILES
YY86-26 6063-T6



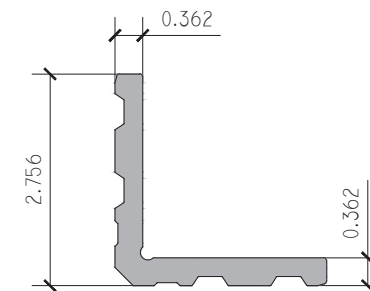
8 FX. SILL
YY86-25 6063-T6



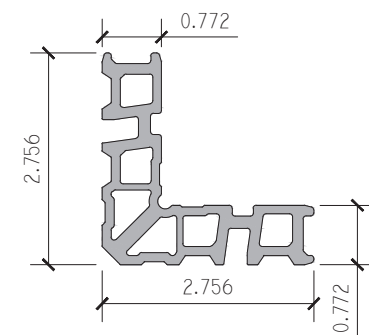
9 ALUM. SUBSILL
YYT86-2 6063-T5



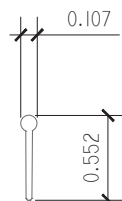
10 ALUM.H-BAR.
YY86-32 6063-T5



11 ALUM.FRAME SASH JOINT ANGLE
YY86-15 6063-T5

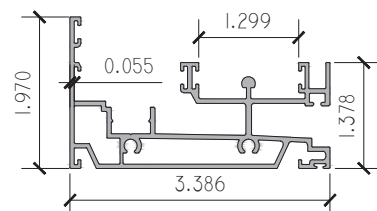


12 ALUM.SASH JOINT ANGLE
JM0017 6063-T5



SCALE: 2:1

13 EPDM GASKET
EPDM



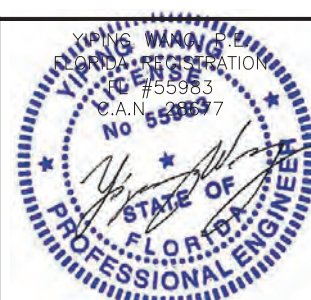
20 SGW. SILL
YY86-27 6063-T5

PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 24-0205.02

Approval Date 11/07/2024

By CS
Miami-Dade Product Control



January 26th, 2024

[illegible]

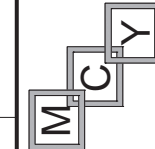
DRAWING NO.
AD23-68

M1

Sheet No.
11 OF 13

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY,STE.301
MIRAMAR, FL 33027 P: 305.271.0117
mcv@mcvenengineering.com



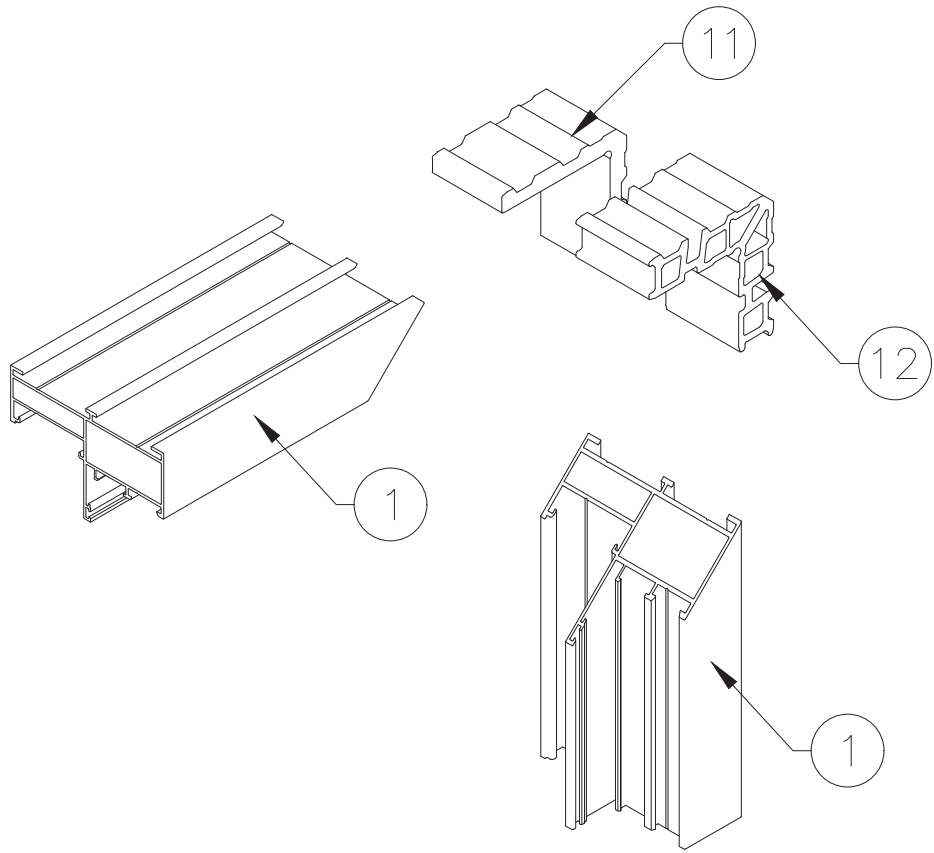
YY86 FIXED WINDOW SYSTEM- LMI

SHANGHAI YY WINDOWS CO.,LTD

NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA

TEL. +86 189 1616 7018

EMAIL: wonne@yyconstruction.com



FRAME CORNER ASSEMBLY

PRODUCT CONTROL

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 24-0205.02

Approval Date 11/07/2024

By 
Miami-Dade Product Control



January 26th, 2024

Drawn Date 01.26.2024	Scale AS SHOWN
DRAWING NO. AD23-68	
3D	
Sheet No. 13 OF 13	



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

YY86 FIXED WINDOW SYSTEM- LMI

SHANGHAI YY WINDOWS CO.,LTD
NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA
TEL: +86 189 1616 7018
EMAIL: ywome@yyconstruction.com

Rev. No.	Date	Drawn By	Description
R1	01.26.2024	JAMES	NEW APPLICATION