



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, FL 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-150” Aluminum Outswing French Door - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **AD 23-63**, titled “YY 150 Aluminum French Glass Door (L.M.I.)”, sheets 1 through 9 of 9, dated February 29, 2024 with Revision R1 dated 02/29/2024, prepared by MCY Engineering, Inc., signed and sealed by Yipping Wang, P.E., bearing the Miami-Dade County Product Control Revision 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:** 1. configuration X is approved.

**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. 24-0321.03  
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 23-63**, titled "YY 150 Aluminum French Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated February 29, 2024, prepared by MCY Engineering, Inc., signed and sealed by Yipping 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) Forced Entry Test, per FBC, and TAS 202-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of OX aluminum sliding glass door, prepared by Intertek Testing, Shanghai, China., Test Report No(s) **#230515009SHF-001** dated 01/15/2024, signed and sealed by Vinu Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-7<sup>th</sup> Edition dated 02/29/2024, 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. 23-0717.30 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 2023 (8<sup>th</sup> Edition)** and Statement letter of "No financial interest" dated 02/29/2024, 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**

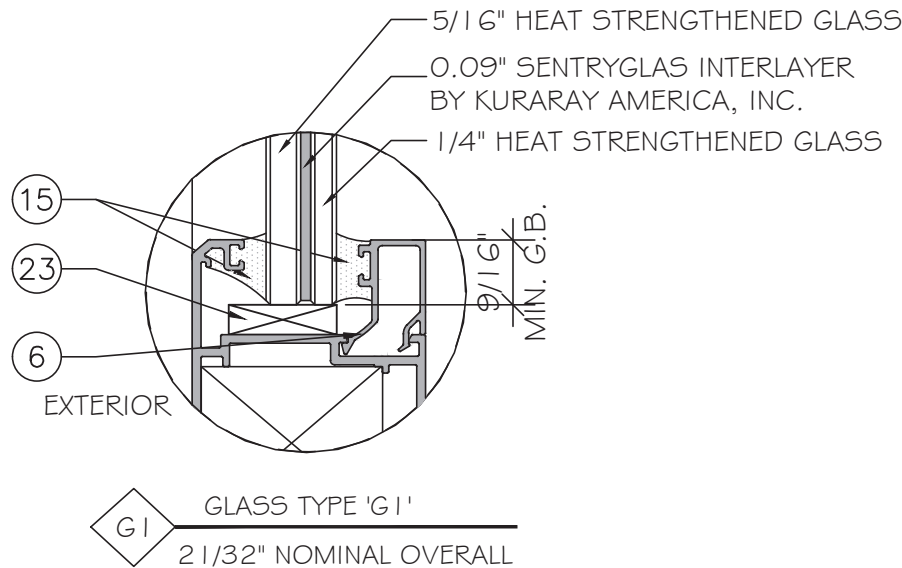
1. None



Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 24-0321.03

Expiration Date: November 14, 2029  
Approval Date: November 14, 2024

SHANGHAI YY WINDOWS CO., LTD.  
YY 150 ALUMINUM FRENCH DOOR - L.M.I.



GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOORS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- DOORS 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 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.
- 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.

-SEALANTS:

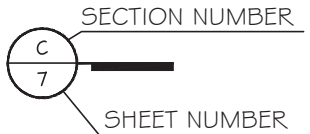
ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.

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 FOR TYPICAL DOORS ELEVATION AND DESIGN LOAD.
- STEP 3: SEE SHEET 03 FOR ANCHOR OPTIONS. SEE SHEET 02 FOR ANCHOR LAYOUT.
- STEP4: THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THROUGH STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

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



NOTE:  
GLASS COMPLIES WITH ASTM E1300-16  
(3 SEC. GUSTS).

MIAMI-DADE COUNTY

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
NOA-No. 24-0321.03  
Approval Date 11/14/2024  
By *[Signature]*  
Miami-Dade Product Control



YY150 ALUMINUM FRENCH DOOR - LARGE MISSILE IMPACT

SHANGHAI YY WINDOWS CO., LTD.  
HAIYING ROAD, BINHAI INDUSTRIAL AREA  
QIDONG, NANTONG, JIANGSU PROVINCE, China, 226200  
EMAIL: yvonne@yyconstructions.com  
P: +86 021-68221484

Rev. No.	Date	Drawn By	Description
1	02/29/2024	James	NEW APPROVAL
Drawn Date 02/29/2024 Drawn By James			
DRAWING NO. AD23-63			
C1			
Sheet No. 1 OF 9			

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
12781 MIRAMAR PARKWAY #301  
MIRAMAR, FL 33027  
P: 305-271-0117  
www.MCYEngineering.com mcy@mcyengineering.com

 $\pm 90$ 

Sheet No.  
2 OF 9

www.MCYEngineering.com      mcy@mcysengineering.com



TYPICAL ANCHOR TYPES:  
SEE ELEVATIONS FOR SPACING

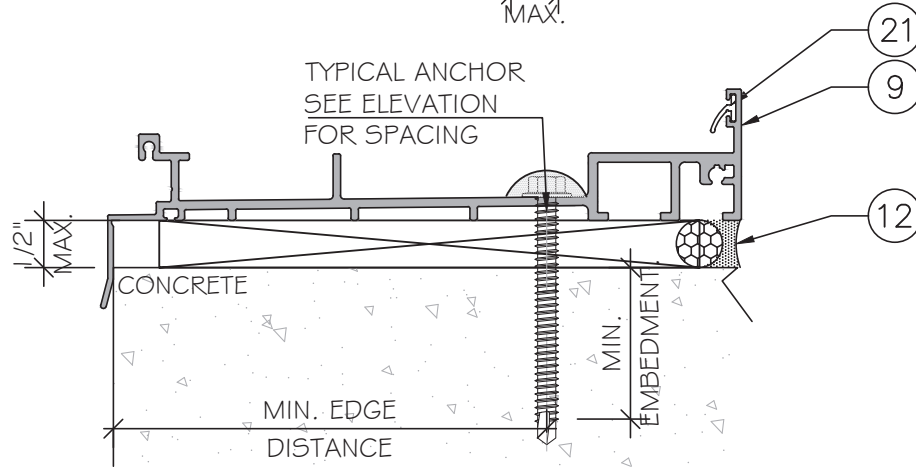
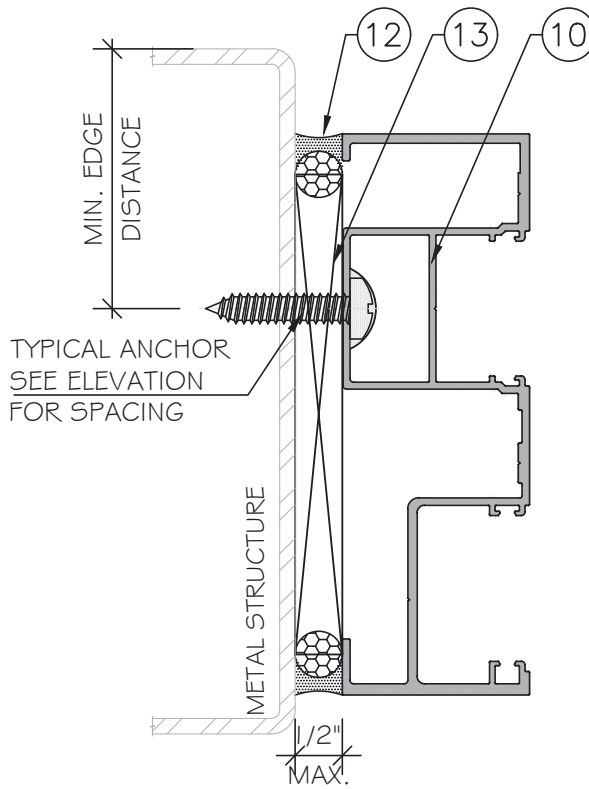
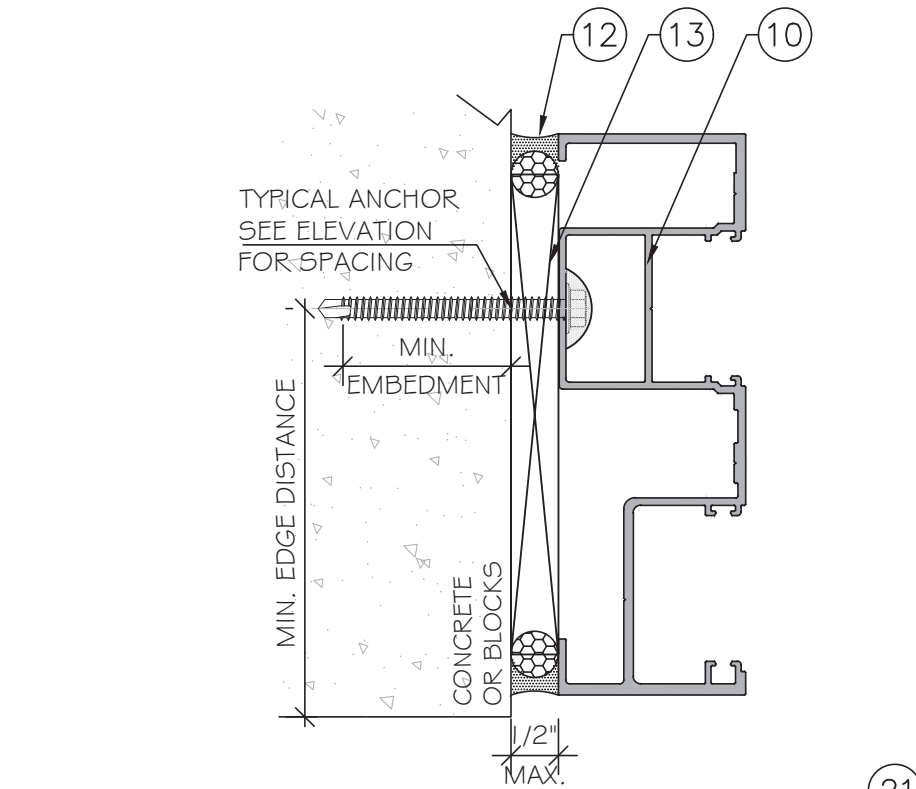
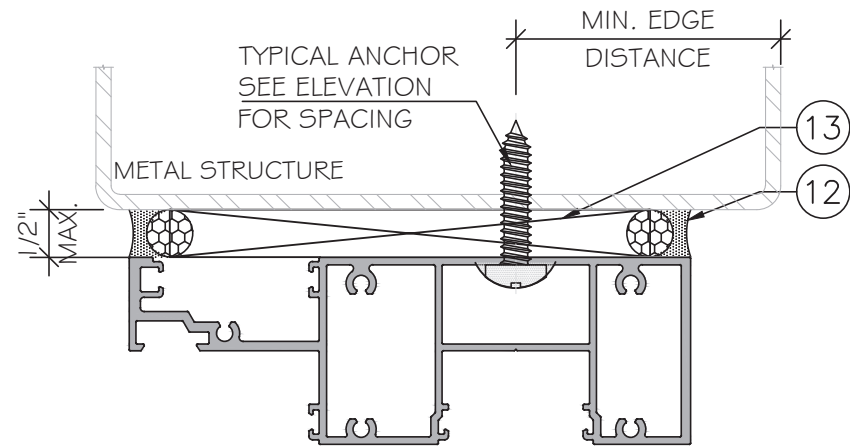
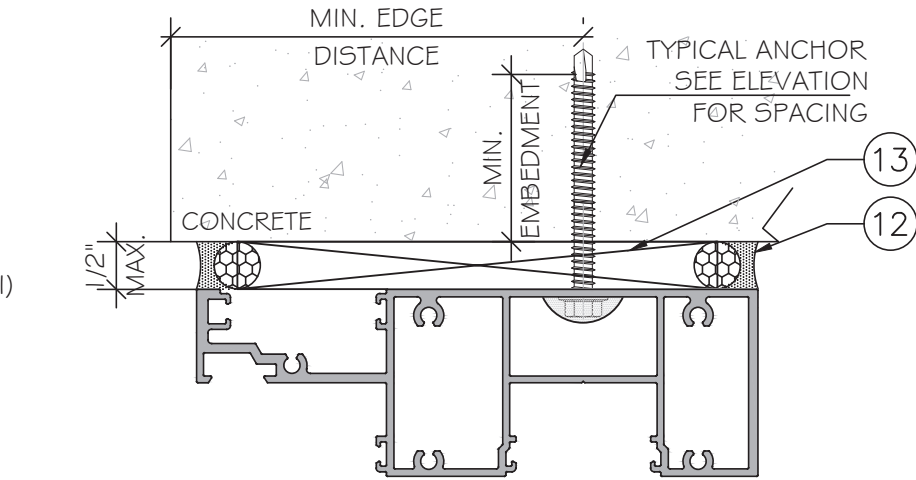
TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' ( $F_u = 164$  KSI,  $F_y = 148$  KSI)  
1 3/4" MIN. EMBED INTO CONCRETE (HEAD/ JAMBS/ SILL)  
1 3/4" MIN. EMBED INTO CONC. BLOCKS (JAMB ONLY)

TYPE "B": 1/4" TEKS/SELF DRILLING SCREW(GRADE 5) ( $F_u = 120$  KSI,  $F_y = 90$  KSI)  
INTO APPROVED MULLIONS  
(1/8" THK. MIN.) INTO METAL STRUCTURE

STEEL: 12 GA. 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  $f'_c = 3000$  psi MIN.  
C-90 HOLLOW/ FILLED BLOCK  $f'_m = 2000$  psi MIN.



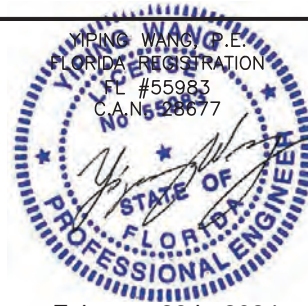
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By *[Signature]*  
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February 29th, 2024

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SHANGHAI YY WINDOWS CO., LTD.  
HAIYING ROAD, BINHAI INDUSTRIAL AREA  
QIDONG, NANTONG, JIANGSU PROVINCE, China, 226200  
EMAIL: yvonne@yyconstructions.com  
P: +86 021-68221484

Rev. No.	Date	Drawn By	Description
1	02.29.2024	James	NEW APPROVAL

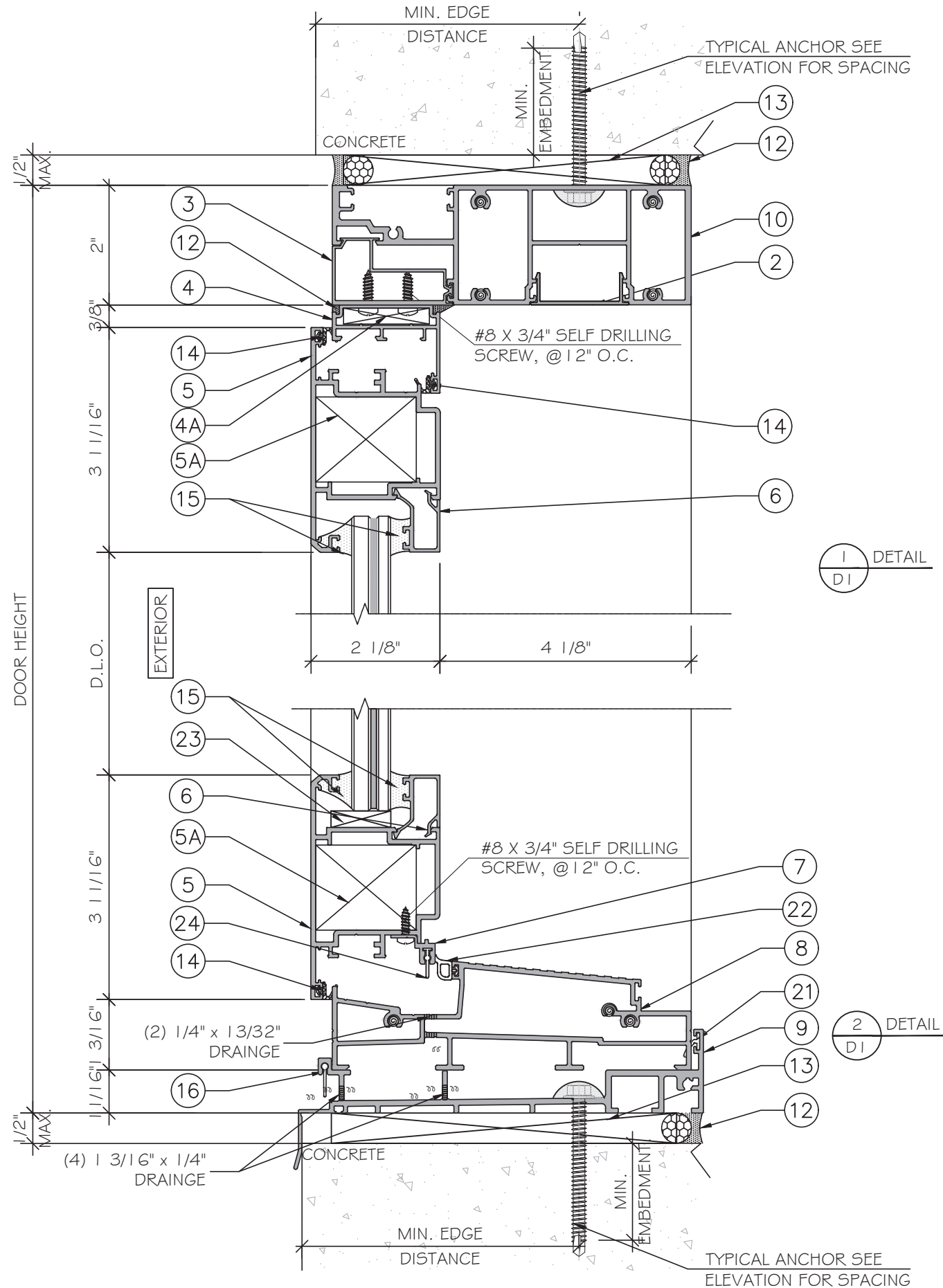
Drawn Date 02.29.2024  
Drawn By James

DRAWING NO.  
AD23-63

A1


Sheet No.  
3 OF 9

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
12781 MIRAMAR PARKWAY #301  
MIRAMAR, FL 33027  
P: 305-271-0117  
www.MCYEngineering.com mcy@mcyengineering.com



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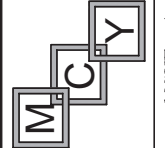
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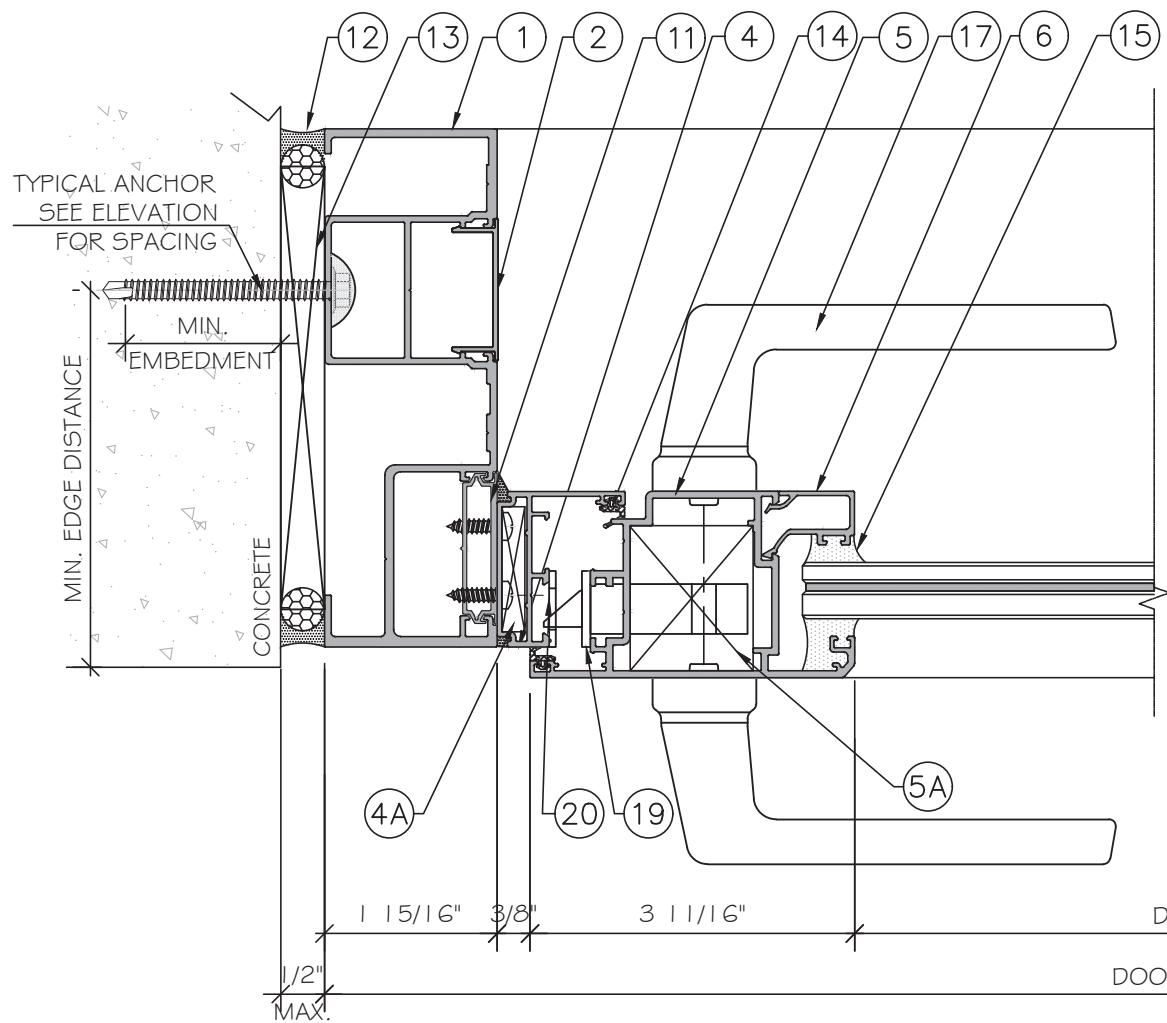
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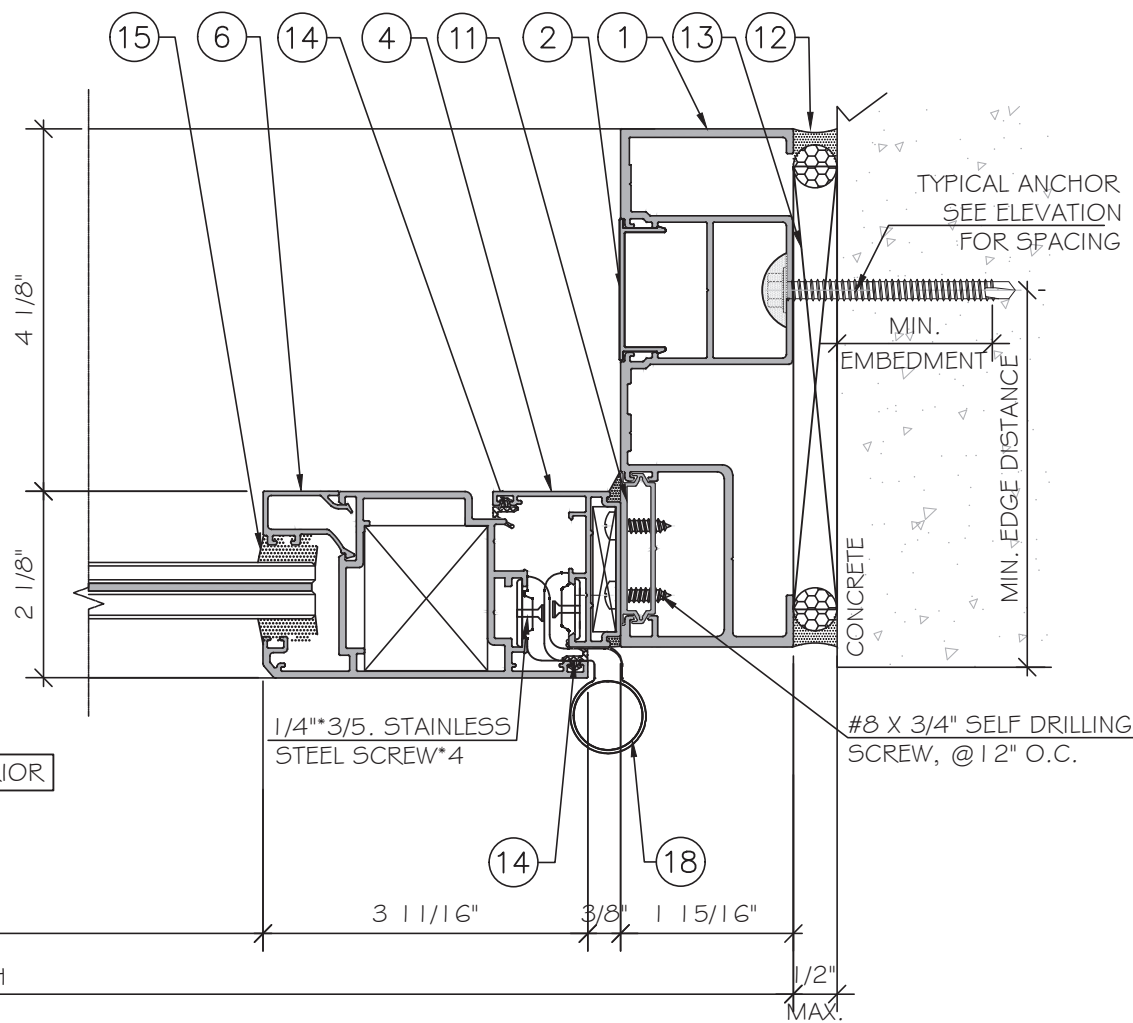
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1  
D2  
DETAIL



2  
D2  
DETAIL

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By *[Signature]*  
Miami-Dade Product Control

*[Professional Engineer Seal: YIPING WANG, P.E., FLORIDA REGISTRATION, FL #55983, C.A. No. 528677]*

February 29th, 2024

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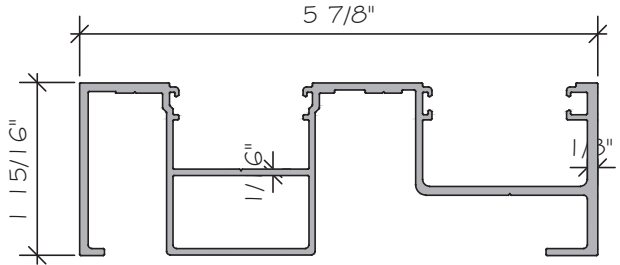
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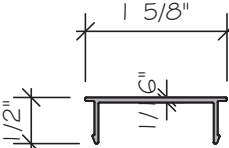
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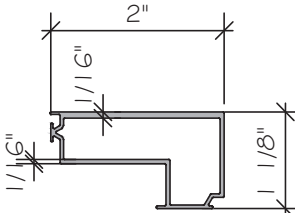
12781 MIRAMAR PARKWAY #301  
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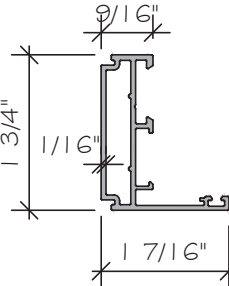
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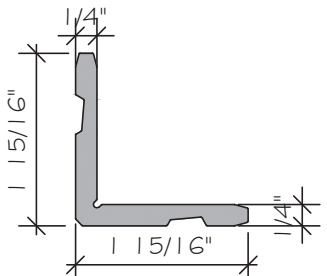
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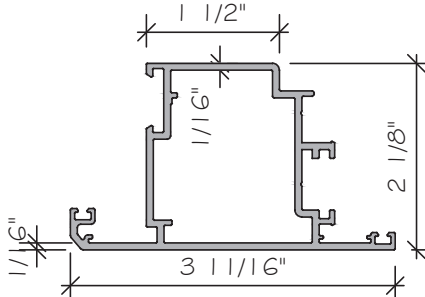
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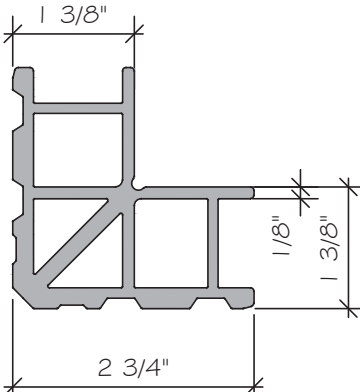
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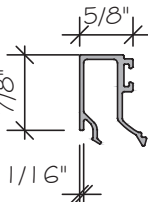
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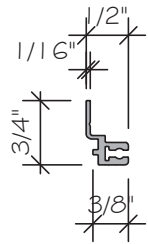
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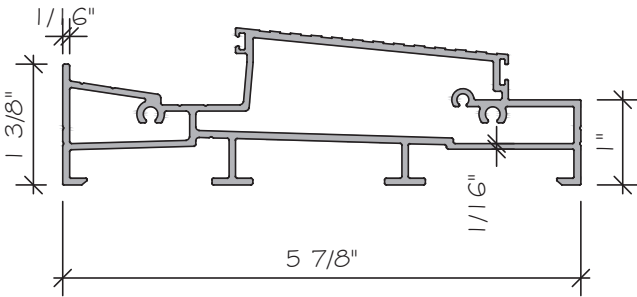
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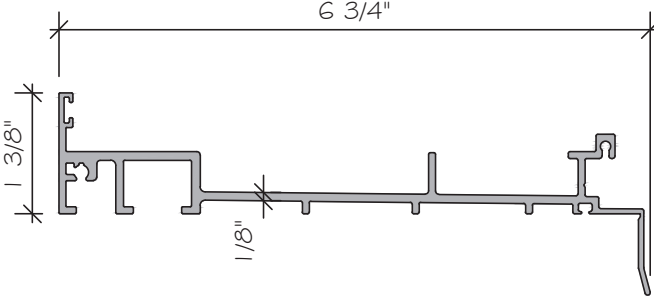
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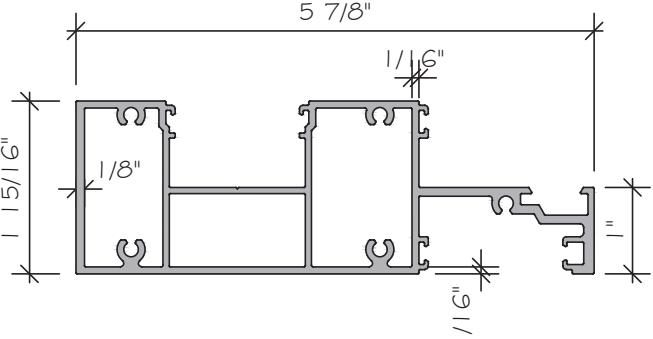
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8 ALUM. THRESHOLD  
YY150-45 6063-T5




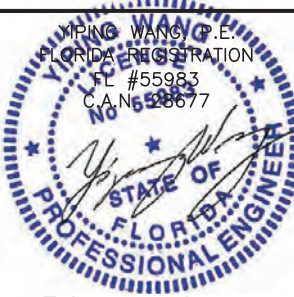
9 ALUM. SUBSILL  
YY150-50 6063-T5



10 ALUM. TRANSOM  
YY150-23 6063-T5

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Rev.	No.	Date	Drawn By	Description
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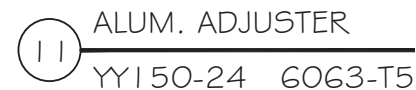
Drawing Date 02.29.2024  
Drawn By James

DRAWING NO.  
AD23-63

P1

Sheet No.  
6 OF 9





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[illegible]

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HAIYING ROAD, BINHAI INDUSTRIAL AREA  
QIDONG, NANTONG, JIANGSU PROVINCE, China, 226200  
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E: yvonne@yyconstruct  
P: +86 021-68221484

**MCY ENGINEERING, INC.**

## GLAZING CONSULTANTS

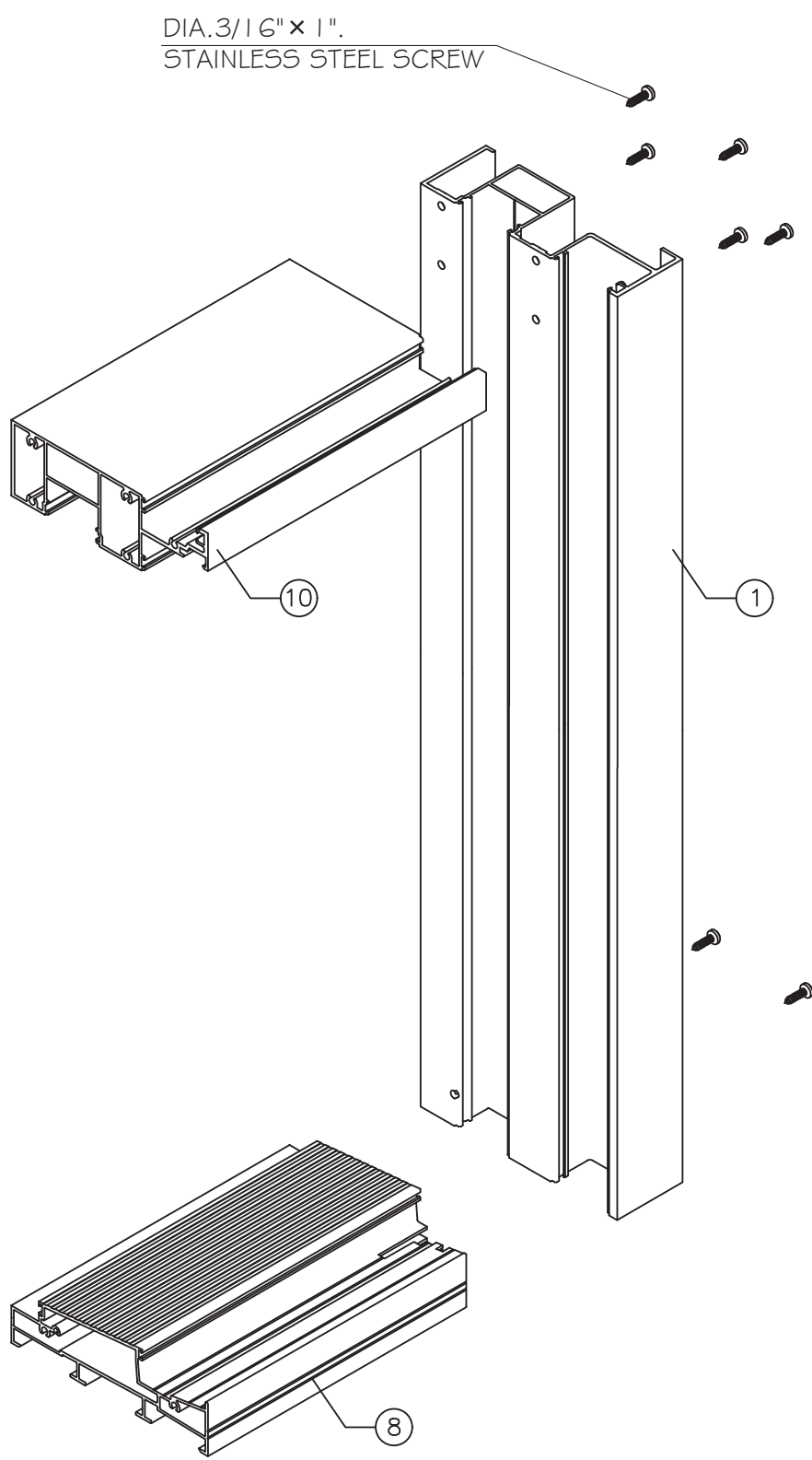
12781 MIRAMAR PARKWAY #301

MIRAMAR, FL 33027

P: 305-271-0117


www.MCYEngineering.com

mcy@mcyengineering.com



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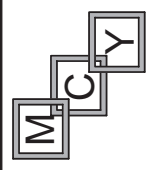
YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
C.A. No. 528677

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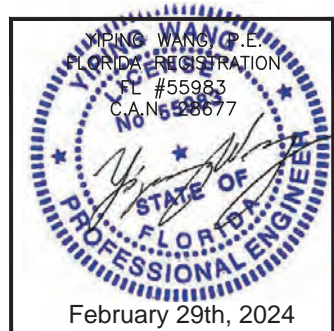
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www.MCYEngineering.com mcy@mcyengineering.com

BILL OF MATERIALS				
ITEM	PART	DESCRIPTION	MATERIAL	MANUF./REMARKS
1	YY150-22	HEAD	ALUM.6063-T5	YY WINDOWS
2	YY150-47	COVER PLATE	ALUM.6063-T5	YY WINDOWS
3	YY150-57	SUPPORTING PROFILES	ALUM.6063-T5	YY WINDOWS
4	YY100-9	CONVERT FRAME	ALUM.6063-T5	YY WINDOWS
4a	HP504B04	JIONT ANGLE	ALUM.6063-T5	YY WINDOWS
5	YY86-10	SASH	ALUM.6063-T5	YY WINDOWS
5a	YY80-14	JIONT ANGLE	ALUM.6063-T5	YY WINDOWS
6	YY150-46	GLAZING BEAD	ALUM.6063-T5	YY WINDOWS
7	YY86-8	SWEEP	ALUM.6063-T5	YY WINDOWS
8	YY150-45	THRESHOLD	ALUM.6063-T5	YY WINDOWS
9	YY150-50	SUBSILL	ALUM.6063-T5	YY WINDOWS
10	YY150-23	TRANSOM	ALUM.6063-T5	YY WINDOWS
11	YY150-24	ADJUSTER	ALUM.6063-T5	YY WINDOWS
12	--	WEATHER SEALANT	DOWSIL 795 OR 790	DOW CORNING
13	--	WINDOW PACKER	PAGG	-
14	--	EPDM GASKET	EPDM	DUROMETER 50±5 SHORE A
15	--	STRUCTURAL SILICONE	DOWSIL 795	DOW CORNING
16	--	EPDM GASKET	EPDM	DUROMETER 50±5 SHORE A
17	MZS20	HANDLE	ALUMINUM ALLOY	KINLONG
18	J5C	HINGE	ALUMINUM ALLOY+STAINLESS STEEL	KINLONG
19	N39	TRANSFER BAR	ALUMINUM ALLOY+STAINLESS STEEL	KINLONG
20	SK20	LOCKS	STAINLESS STEEL	KINLONG
21	--	EPDM GASKET	EPDM	DUROMETER 50±5 SHORE A
22	--	EPDM GASKET	EPDM	DUROMETER 50±5 SHORE A
23	--	GLASS BLOCK	RUBBER	DUROMETER 50±5 SHORE A
24	--	EPDM GASKET	EPDM	DUROMETER 50±5 SHORE A

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
NOA-No. 24-0321.03  
Approval Date 11/14/2024  
By   
**Miami-Dade Product Control**



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YY150 ALUMINUM FRENCH DOOR - LARGE MISSILE IMPACT

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DRAWING NO.  
AD23-63

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Sheet No.  
OF 9