

### 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

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

#### **NOTICE OF ACCEPTANCE (NOA)**

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 Project Out Window Systems - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **AD 23-05**, titled "YY 150 Aluminum Project Out Window Systems (L.M.I.)", sheets 1 through 9 of 9, dated April 26, 2023, 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 is 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*. 07/25/2024

NOA No. 23-0731.03 Expiration Date: July 25, 2029 Approval Date: July 25, 2024

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#### Shanghai YY Windows CO. LTD.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

- **1.** Manufacturer's die drawings and sections.
- 2. Drawing No. **AD 23-05**, titled "YY 150 Aluminum Project Out Window Systems (L.M.I.)", sheets 1 through 9 of 9, dated April 26, 2023, 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) Forced Entry Test, per FBC, and TAS 202-94
  - 6) Large Missile Impact Test per FBC, TAS 201-94
  - 7) 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. **210525009SHF-001**, dated 08/30/2021, 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 11/03/2023, prepared by MCY Engineering, Inc., signed and sealed by Yipping 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 the "**Sentry Glass** ® **Interlayer**", expiring on 07/4/28.

#### F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC2023** (8<sup>th</sup> Edition) and "No financial interest" dated 11/03/2023, 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

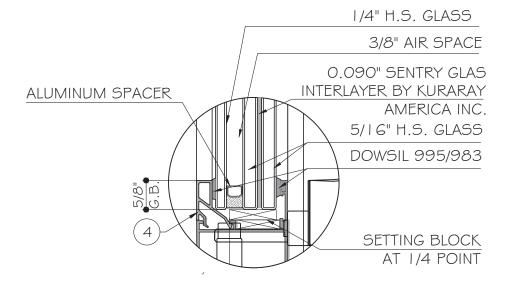
1. None.

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Sifang Zhao, P.E. Product Control Examiner NOA No. 23-0731.03 Expiration Date: July 25, 2029 Approval Date: July 25, 2024

E - 1

## SHANGHAI YY WINDOWS CO., LTD YY L50 PROJECT OUT WINDOW SYSTEMS - L.M.L.

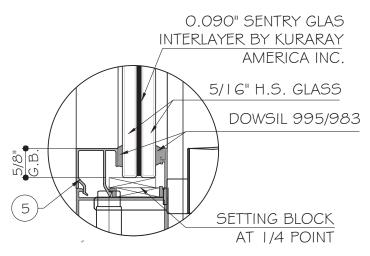


### GLASS TYPE 'GI

1-5/16" NOMINAL OVERALL INSULATED LAMINATED GLASS

#### **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).
- WINDOWS RATED FOR LARGE MISSILE IMPACT. SYSTEM TESTED FOR IMPACT LEVEL "D".
- 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 FLORIDA BUILDING CODE (2023) SECTION AS APPLICABLE.
- METAL STRUCTURAL 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.
- SEALANT: ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.



GLASS TYPE 'G2

11/16" NOMINAL OVERALL LAMINATED GLASS

NOTE:

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

#### **INSTRUCTIONS:**

USE CHARTS AS FOLLOWS.

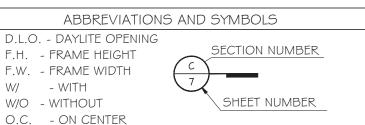
G.B. - GLASS BITE

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

STEP 2: SEE SHEET E I FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE WIND DURATION.

STEP 3: SEE ANCHOR TYPE ON SHEET DI. FOR ANCHOR SPACING SEE ELEVATION ON SHEET EI.

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

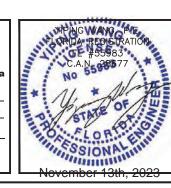


MIAMI-DADE COUNTY

# PRODUCT APPROVED as complying with the Florida Building Code

23-0731.03 Approval Date 07/25/2024

Miami-Dade Product Control

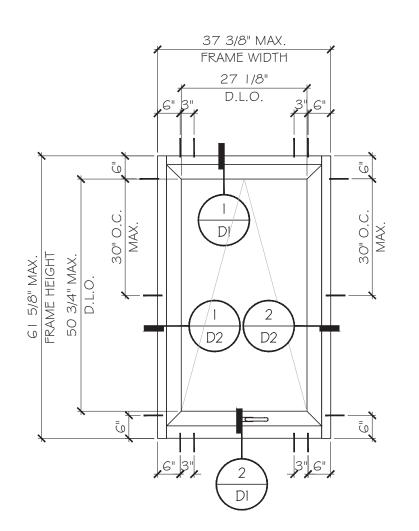


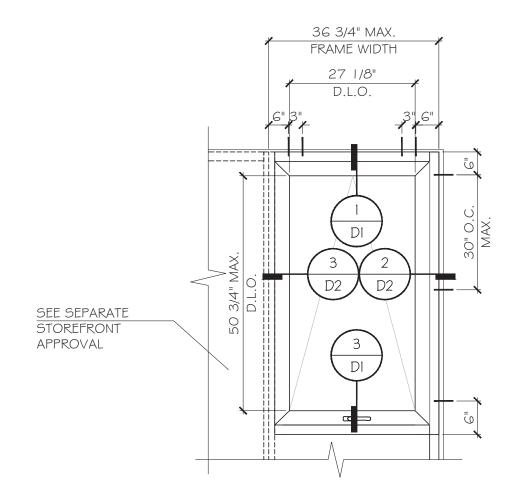
ENGINEERING, INC. MCY

NEW APPROVAL					Description	
MC≺					Drawn By	
11.13.2023 MCY					Date	
-					Rev. No.	
Drawn Date Drawn By MCY						
DRAWING NO.						
ADOO 05						

AD23-05C1

1 OF 9





### TYPICAL EXTERIOR ELEVATION

DESIGN LOAD

FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC

> +70 PSF -70 PSF

MIAMI-DADE COUNTY

PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 23-0731.03

**Approval Date** 07/25/2024

By Miami-Dade Product Control

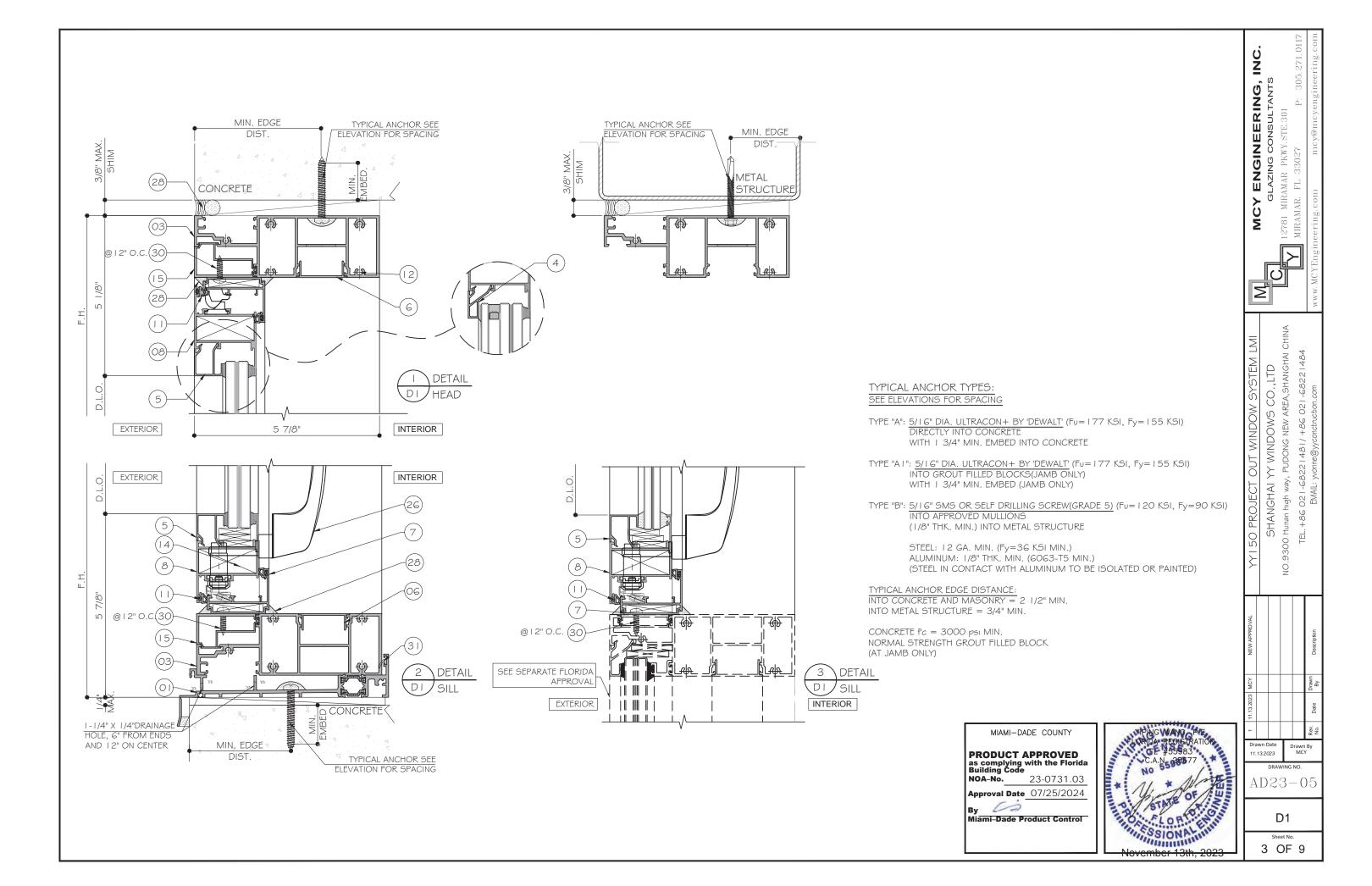


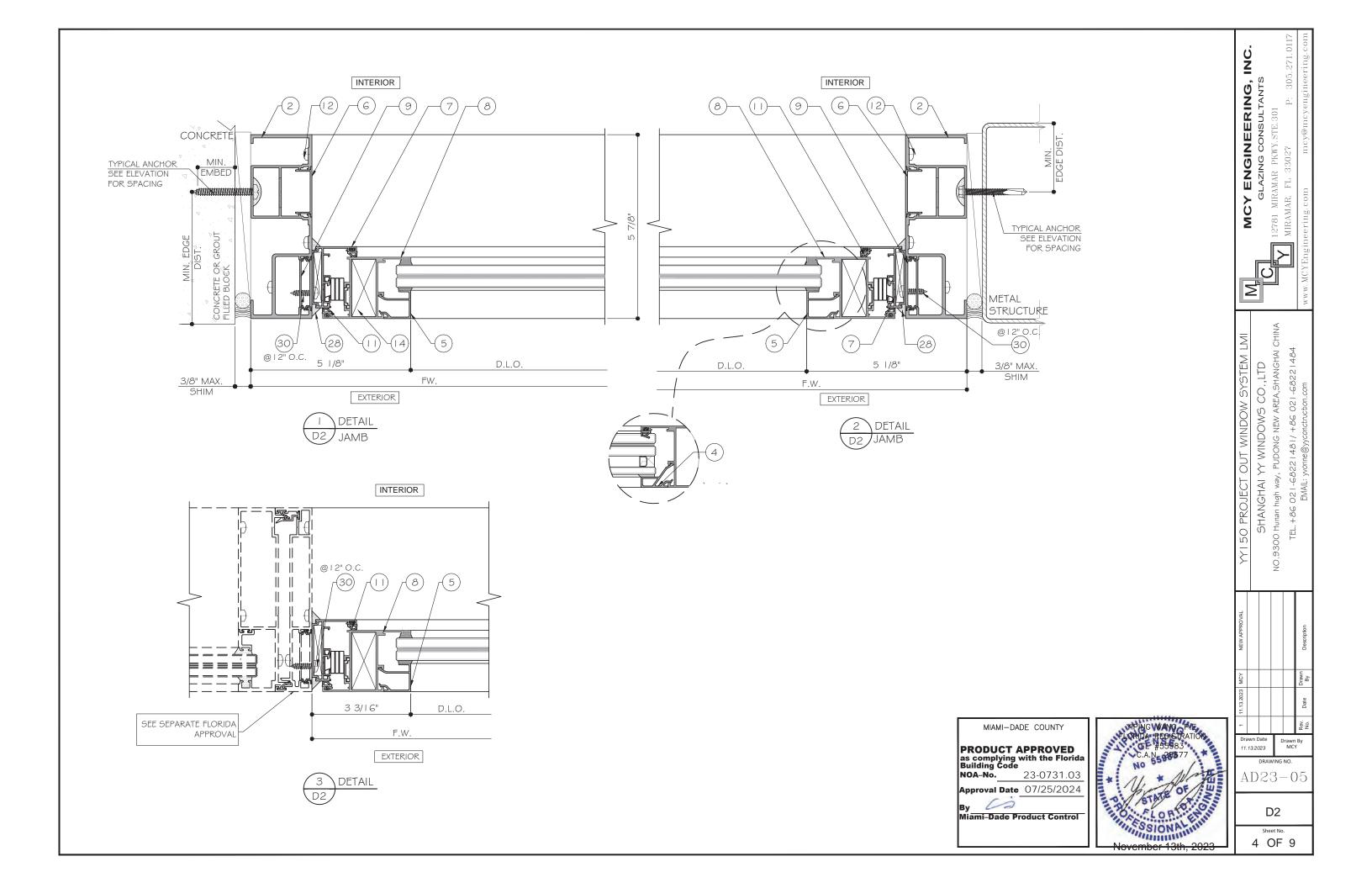
	YYI 50 PROJECT OUT WINDOW SYSTEM LMI			SHANGHAI YY WINDOWS CO.,LID		NO.9300 Hunan high way, PUDONG NEW AKEA,SHANGHAI CHINA	- MAN - GO	1 + Ca
	NEW APPROVAL							
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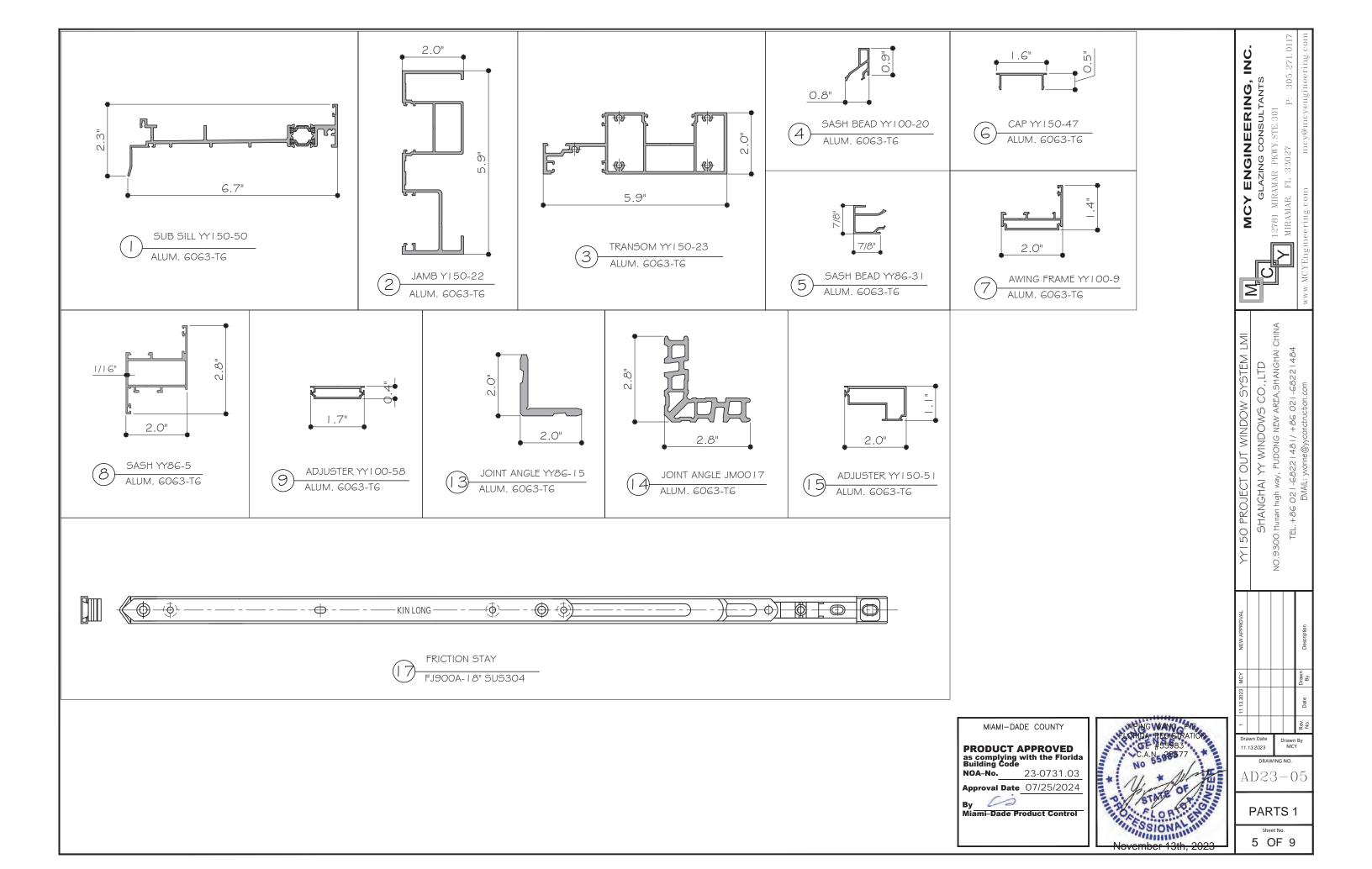
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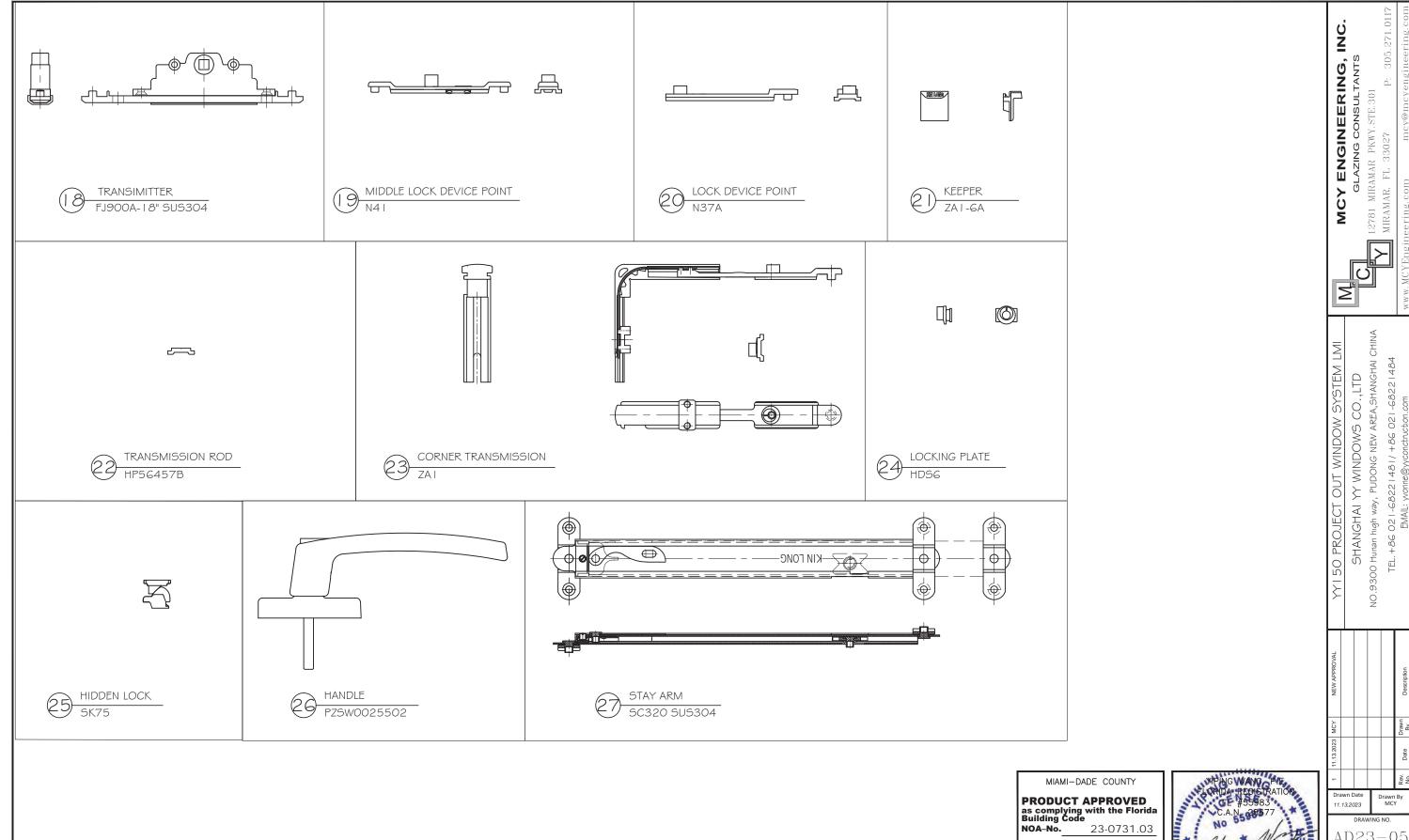
E1 Sheet No. 2 OF 9

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE.301
MIRAMAR, FL 33027 P: 305,271.01





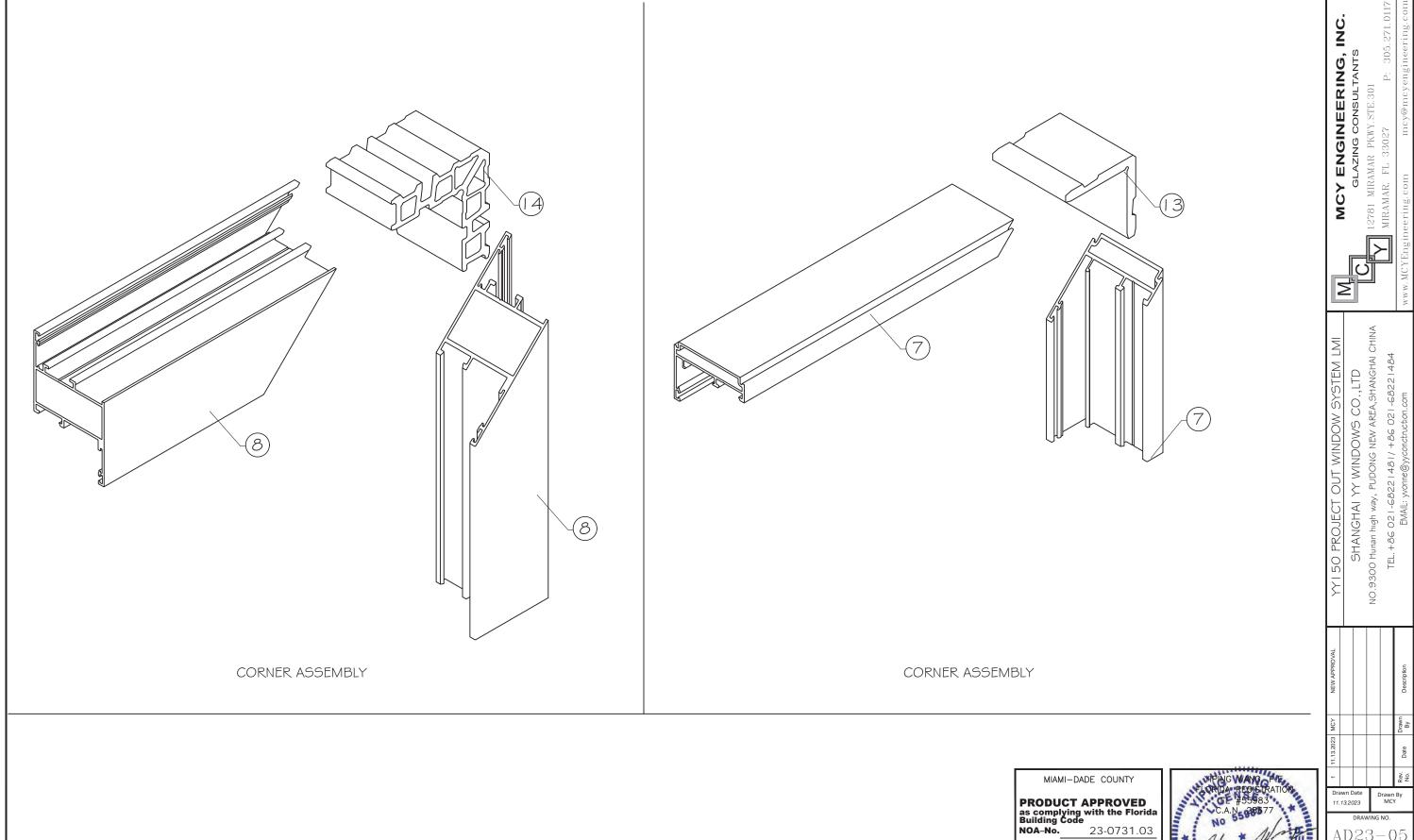






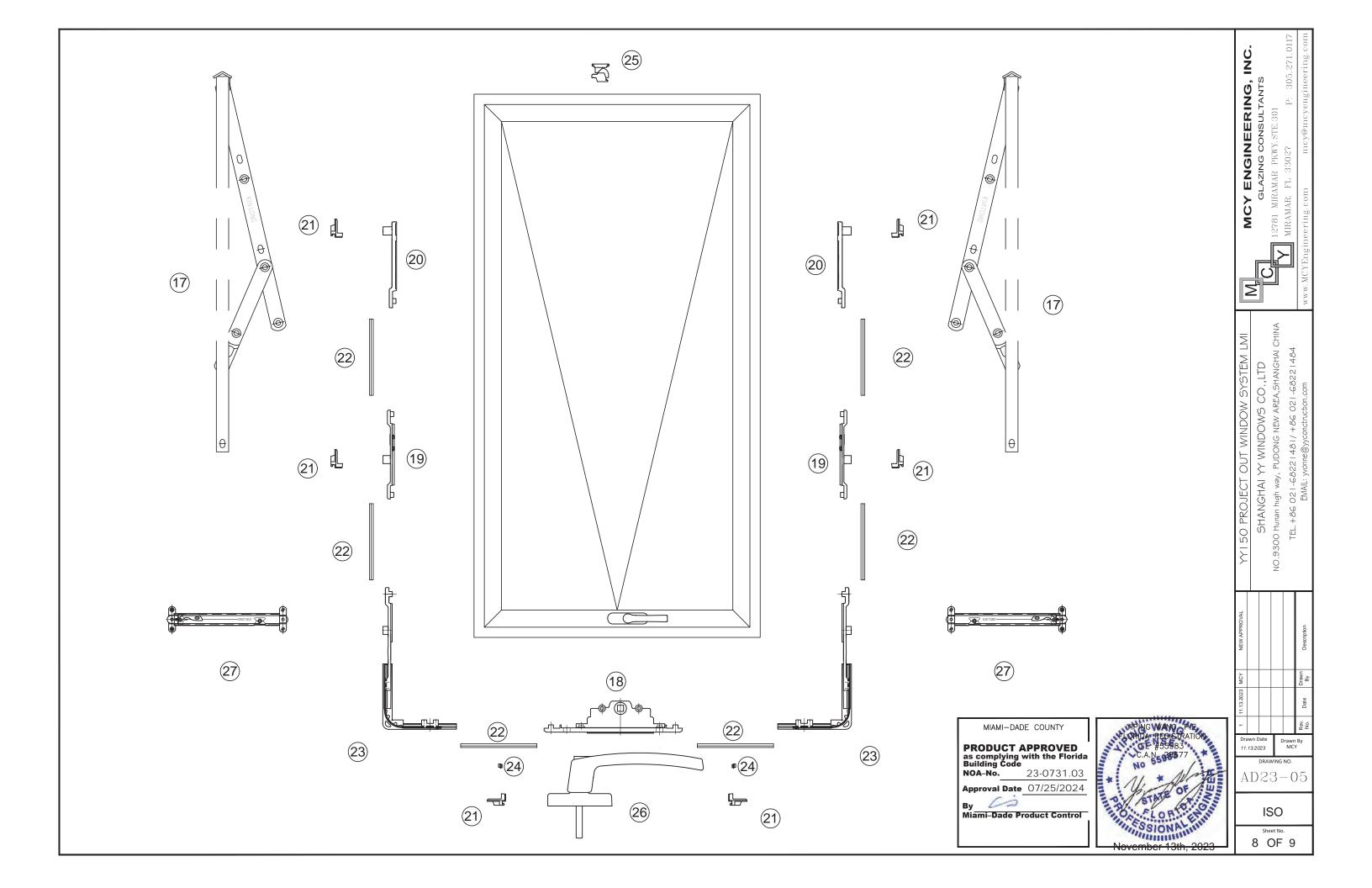
**Approval Date** 07/25/2024 By Miami-Dade Product Control

AD23-05 PARTS 2 Sheet No. 6 OF 9





AD23-05 ISO Sheet No. 7 OF 9

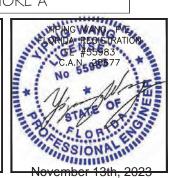


BILL OF MATERIALS						
ITEM	PART	DESCRIPTION	MATERIAL	MANUF. / REMARKS		
1	YY150-50	SUBSILL	ALUM. 6063-T6	-		
2	YY150-22	JAMB	ALUM. 6063-T6	-		
3	YY150-23	HEAD/ SILL/ JAMB	ALUM. 6063-T6	-		
4	YY100-20	SASH BEAD	ALUM. 6063-T6	-		
5	YY86-31	SASH BEAD	ALUM. 6063-T6	-		
6	YY150-47	CAP	ALUM. 6063-T6	-		
7	YY100-9	AWING FRAME	ALUM. 6063-T6	-		
8	YY86-5	SASH	ALUM. 6063-T6	-		
9	YY100-58	ADJUSTER	ALUM. 6063-T6	-		
10	YY100-7	BEAD	ALUM. 6063-T6	-		
11		EPDM GASKET	EPDM	DUROMETER 70±5 SHORE A		
12		#10 S.S SELF-TAPPING SCREW	STAINLESS STEEL. 304	-		
13	YY86-15	JOINT ANGLE	ALUM. 6063-T6	-		
14	JM0017	JOINT ANGLE	ALUM. 6063-T6	-		
15	YY150-51	ADJUSTER	ALUM. 6063-T6	-		
16		SETTING BLOCK	TPE	SHORE HARDNESS 65-80		
17	FJ900A-18"	FRICTION STAY	SUS 304	KIN LONG		
18	FJ900A-18"	TRANSIMITTER	SUS 304	-		
19	N4 I	MIDDLE LOCK DEVICE POINT	-	-		
20	N37A	LOCK DEVICE POINT	-	KIN LONG		
21	ZAI-6A	KEEPER	-	KIN LONG		
22	HP56757B	TRANSMISSION ROD	-	-		
23	ZAI	CORNER TRANSMISSION	-	KIN LONG		
24	HDS6	LOCKING PLATE	-	-		
25	SK75	HIDDEN LOCK	-	-		
26	PZSW0025502	HANDLE	-	KIN LONG		
27	SC320	STAY ARM	SUS304	-		
28		WEATHER SEALANT	DOWSIL 795 OR 790	DOW CORNING		
29		STRUCTURAL SILICONE	DOWSIL 995 OR 983	DOW CORNING		
30		#12 S.S SELF-TAPPING SCREW	STAINLESS STEEL. 304	-		
31		EPDM GASKET	EPDM	DUROMETER 70±5 SHORE A		

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Drawn Date 11.13.2023

Drawn By MCY DRAWING NO.

AD23-05

BOM

Sheet No. 9 OF 9