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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-100" Aluminum Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD 23-65**, titled "YY100 Aluminum Casement Window Systems (L.M.I.)", sheets 1 through 10 of 10, dated January 18, 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.**

MIAMI-DADE COUNTY APPROVED

6.2.

11/14/2024

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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 23-65, titled "YY100 Aluminum Casement Window Systems (L.M.I.)", sheets 1 through 10 of 10, dated January 18, 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) 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 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-8th Edition dated 01/31/2024, 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

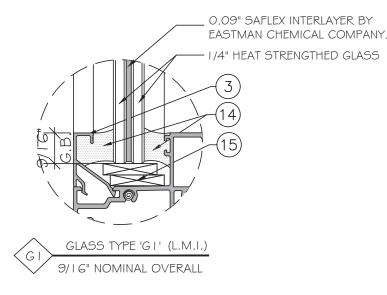
- 1. Statement letter of conformance, complying with **FBC2023** (8th Edition) and "No financial interest" dated 01/31/2024, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
- 2. Distributor Agreement, between manufacturer Shanghai YY Windows Co. LTD, China and DGC Development 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. 24-0226.02 Expiration Date: November 14, 2029 Approval Date: November 14, 2024

SHANGHAI YY WINDOW CO, LTD SERIES YY LOO ALUMINUM CASEMENT WINDOW SYSTEM LARGE MISSILE IMPACT



NOTE: (3 SEC. GUSTS).

GENERAL NOTES:

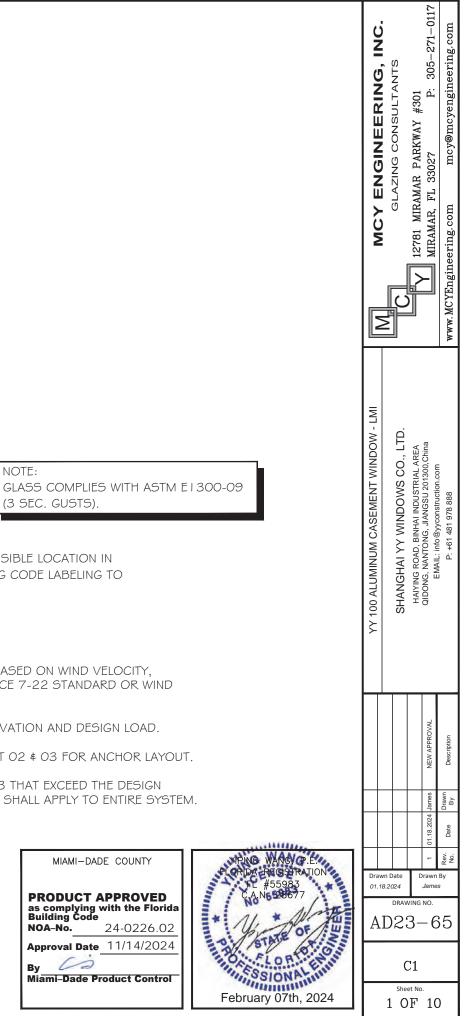
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS ARE RATED FOR LARGE AND SMALL MISSILE IMPACT. LMI SYSTEM TO BE USED FOR INSTALLATIONS UP TO 30 FT OF GRADE. FOR ABOVE 30 FT OF GRADE, SMI TO BE USED. IMPACT SHUTTERS ARE NOT REQUIRED.
- SYSTEM TESTED FOR LEVEL "D" IMPACT.
- 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 STRUCTURES NOT SHANGHAI YY WINDOW CO, LTD BUILDING MATERIAL 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

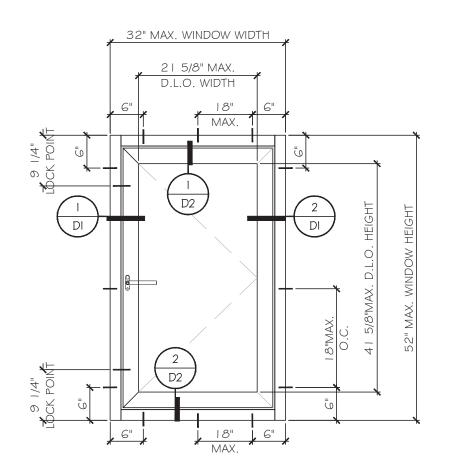
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

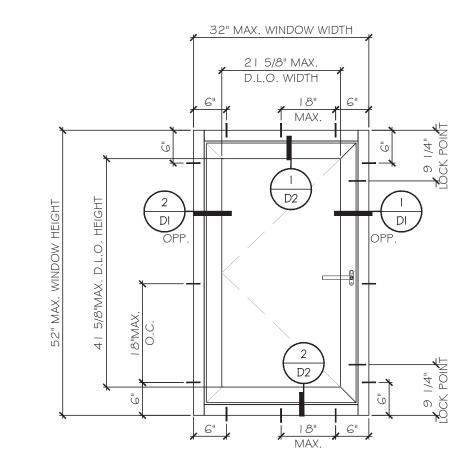
USE CHARTS AS FOLLOWS.

- 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.
- SEE SHEET 02 AND 03 FOR TYPICAL WINDOW ELEVATION AND DESIGN LOAD. STEP 2:
- SEE SHEET 05 FOR ANCHOR OPTIONS, SEE SHEET 02 \$ 03 FOR ANCHOR LAYOUT. STEP 3:
- THE LOWEST VALUE RESULTING FROM STEPS 2 \$ 3 THAT EXCEED THE DESIGN STEP4: WIND PRESSURES DETERMINED THROUGH STEP I SHALL APPLY TO ENTIRE SYSTEM.

PRODUC as complyi	ABBREVIATIO	
Building Co		D.L.O DAYLITE OPENING
NOA-No.	SECTION NUMBER	F.H FRAME HEIGHT
Approval D		F.W FRAME WIDTH
By C	$\sqrt{1}$	W/ - WITH
Miami-Dad	SHEET NUMBER	W/O - WITHOUT
		O.C ON CENTER







TYPICAL EXTERIOR ELEVATIONS

TYPICAL EXTERIOR ELEVATIONS

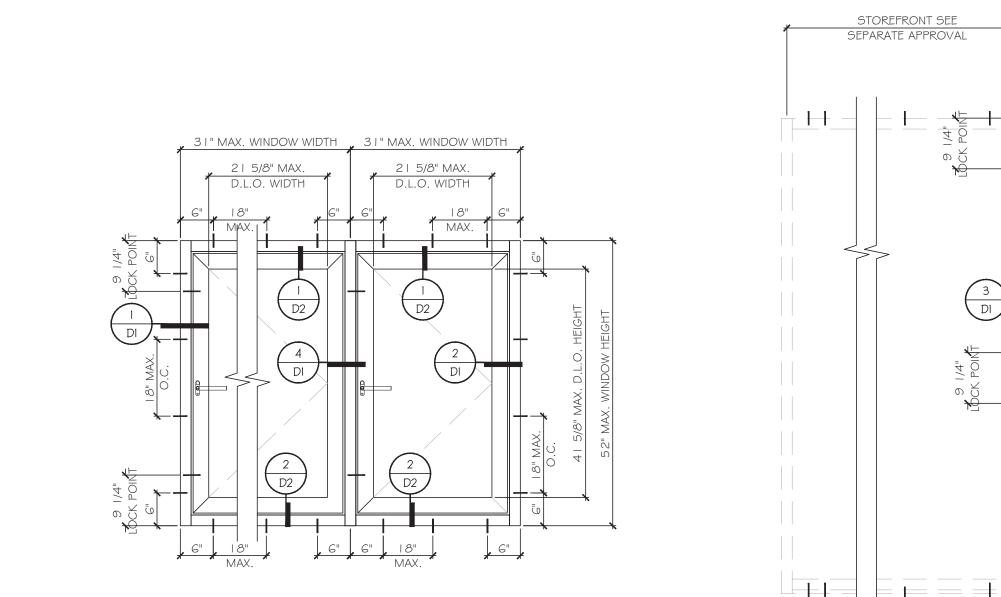
DESIGN LOAD
NOTE: FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+ 65 PSF
- 65 PSF

NOA-No.







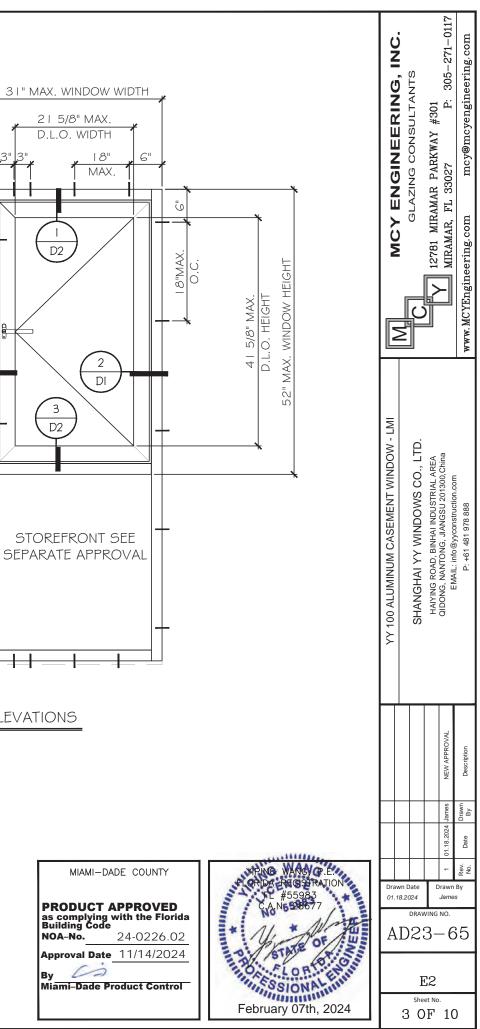


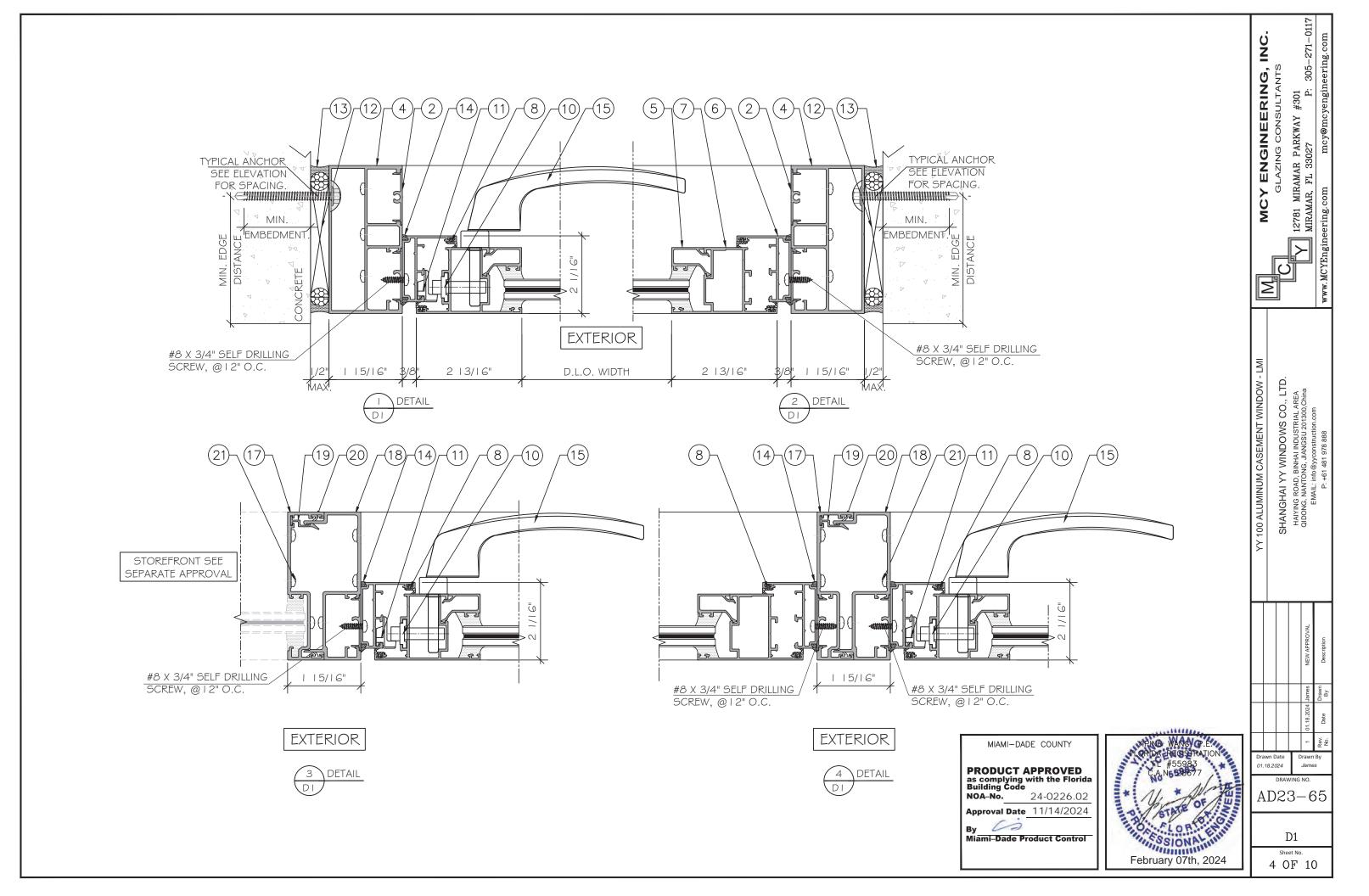
TYPICAL EXTERIOR ELEVATIONS

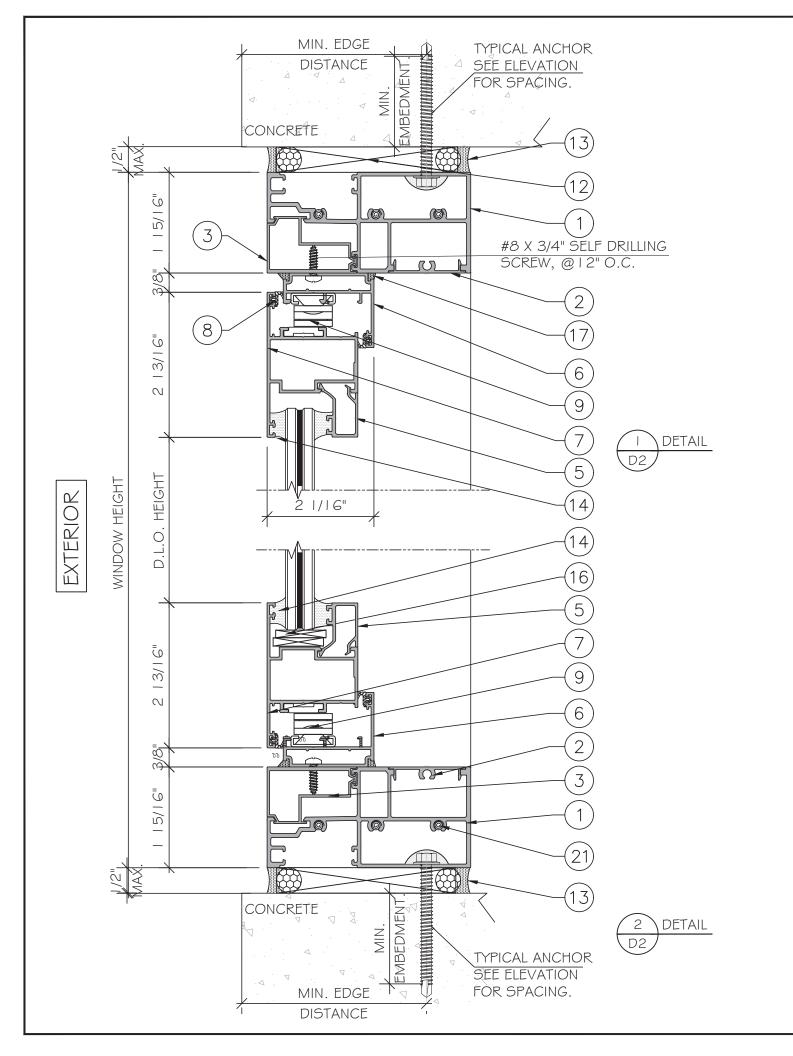
DESIGN LOAD
NOTE: FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+ 65 PSF
- 65 PSF

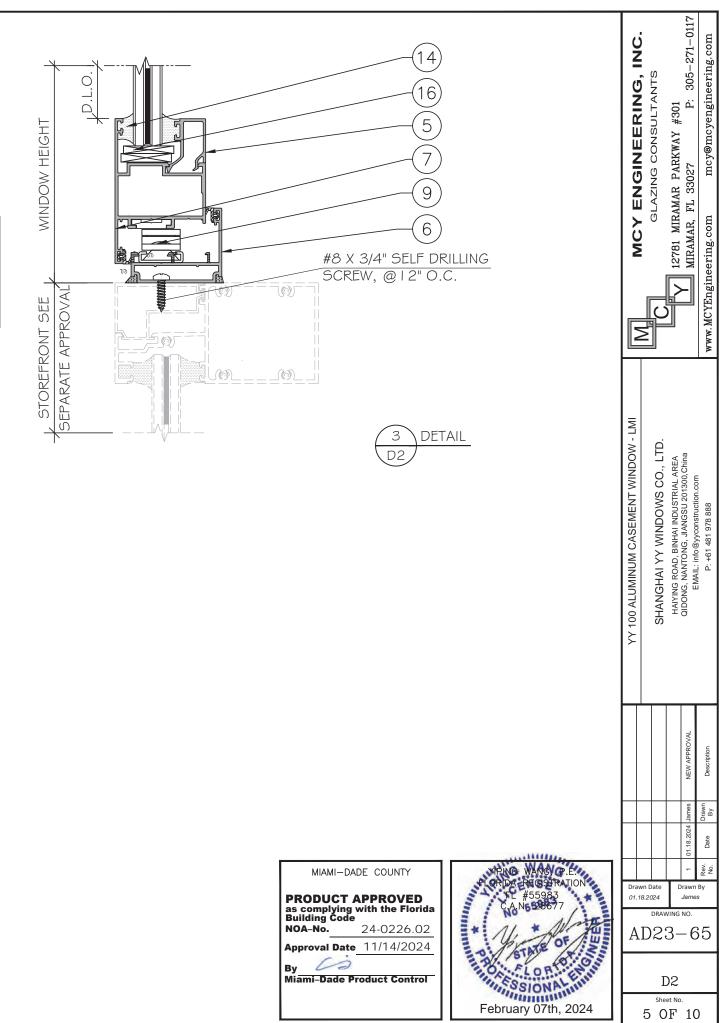
TYPICAL EXTERIOR ELEVATIONS

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EXTERIOR

TYPICAL ANCHOR TYPES: SEE ELEVATIONS FOR SPACING

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

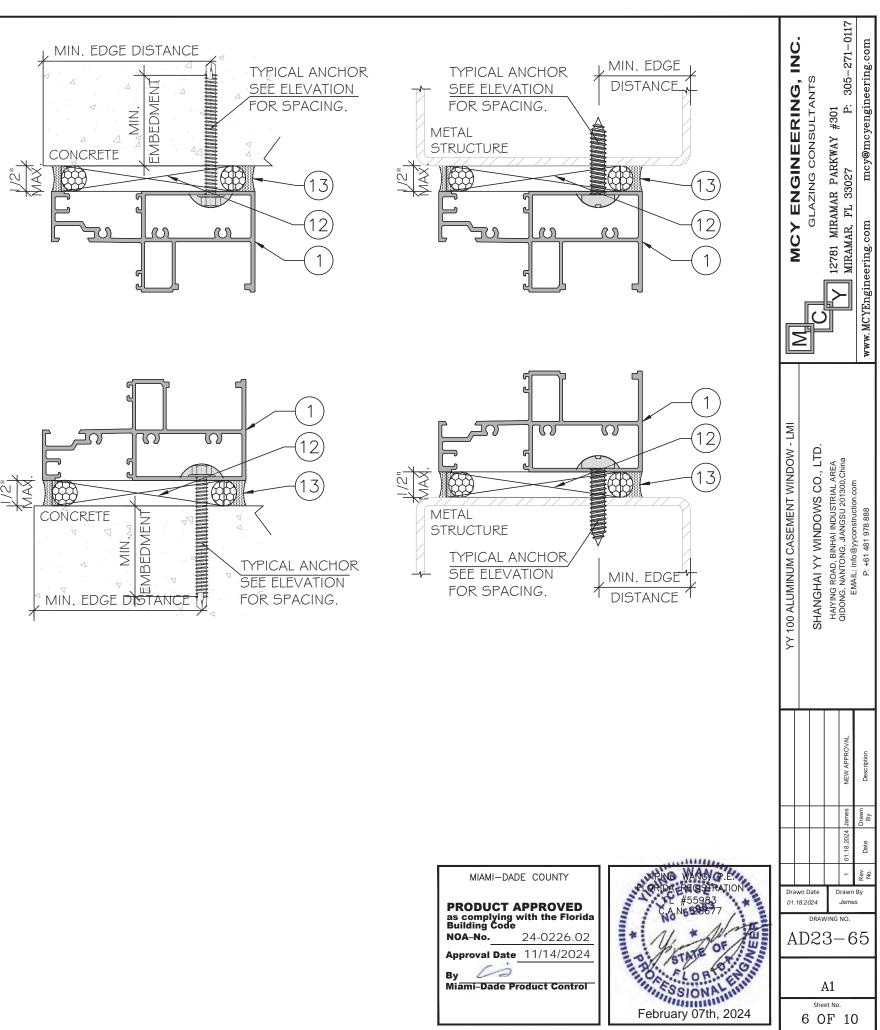
TYPE "B": 1/4" TEKS/SELF DRILLING SCREW(GRADE 5) (Fu=120 KSI, Fy=92 KSI) INTO APPROVED MULLIONS (1/8" THK. MIN.) INTO METAL STRUCTURE

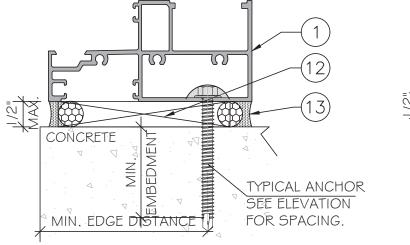
> STEEL: 12 GA. MIN. (Fy=36 KSI MIN.) ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PANTED)

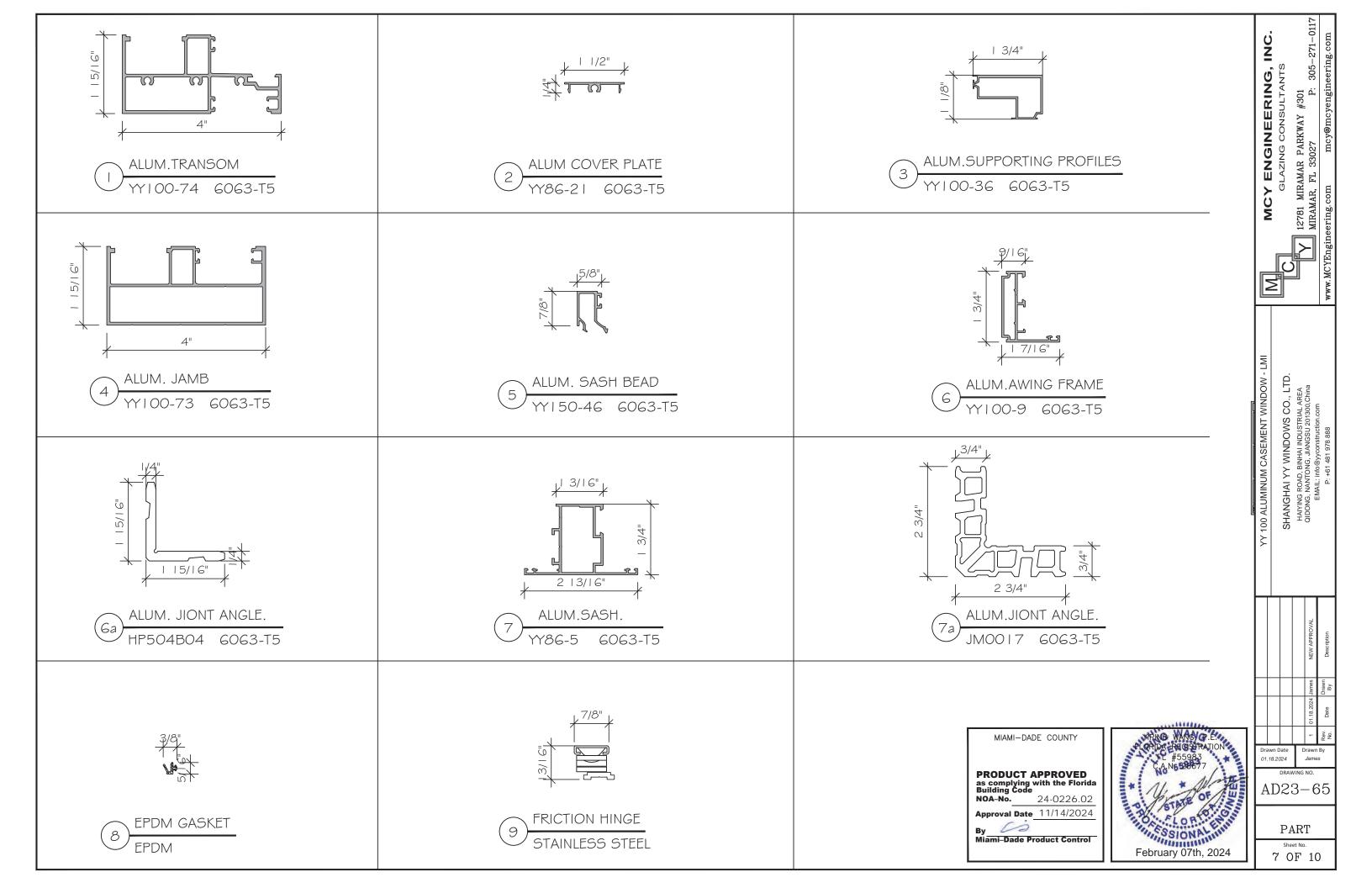
TYPICAL ANCHOR EDGE DISTANCE: INTO CONCRETE = $2 \frac{1}{2}$ MIN. INTO METAL STRUCTURE = 3/4" MIN.

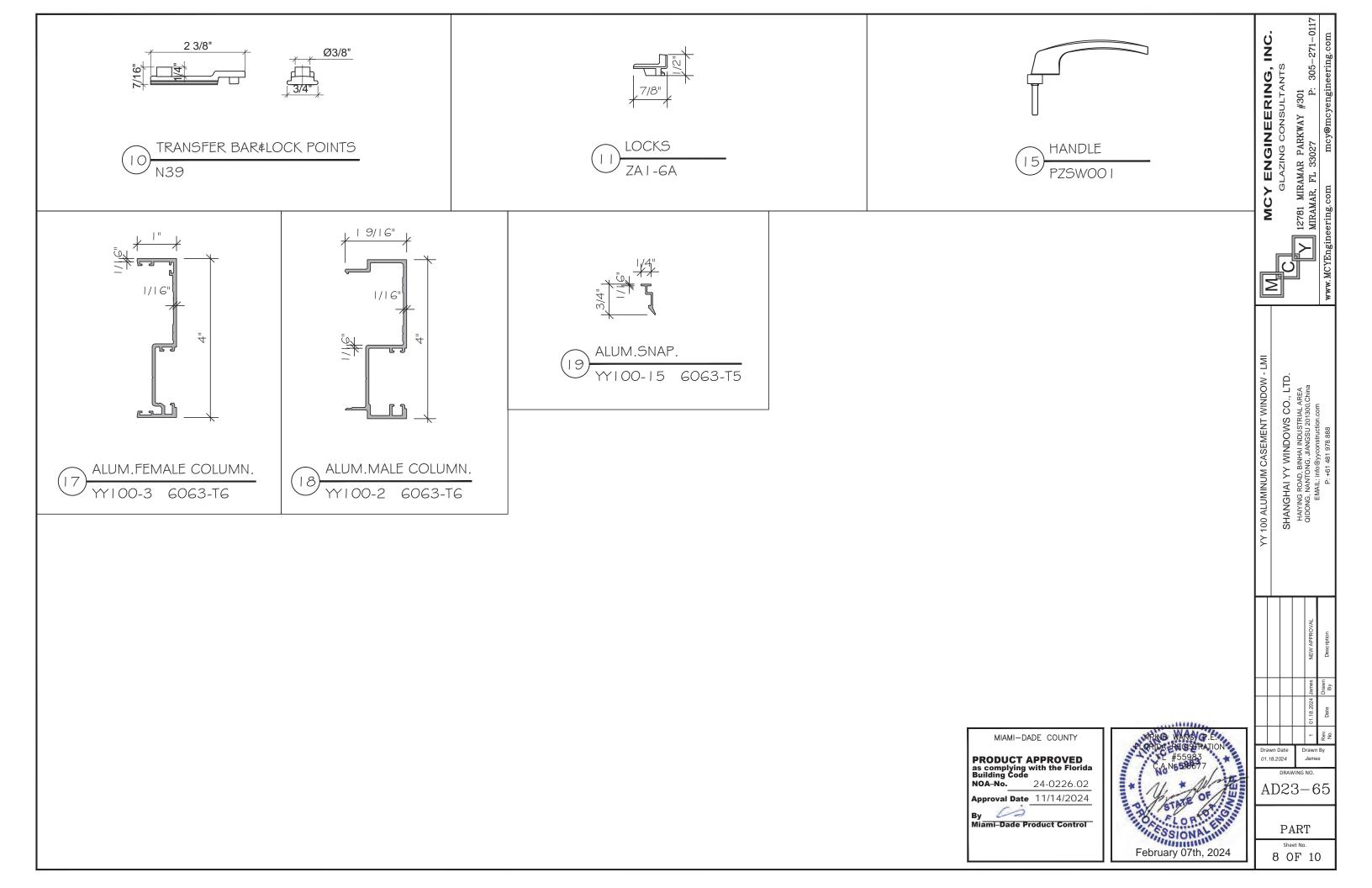
CONCRETE f'c = 3000 ps MIN. C-90 HOLLOW/FILLED BLOCK fm = 2000 psi MIN. NORMAL STRENGTH CMU(AT JAMB ONLY)

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

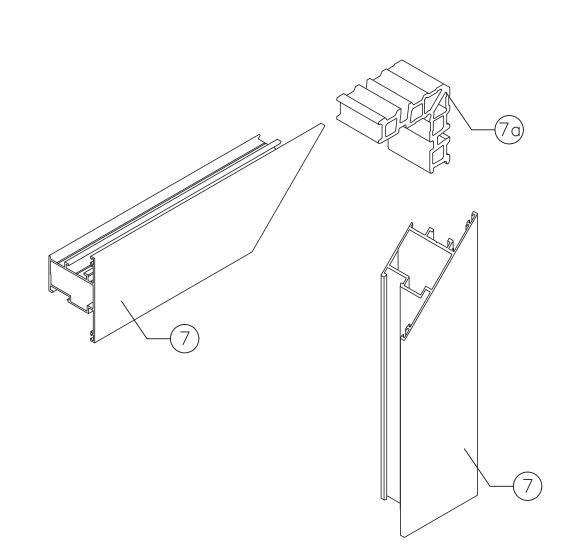


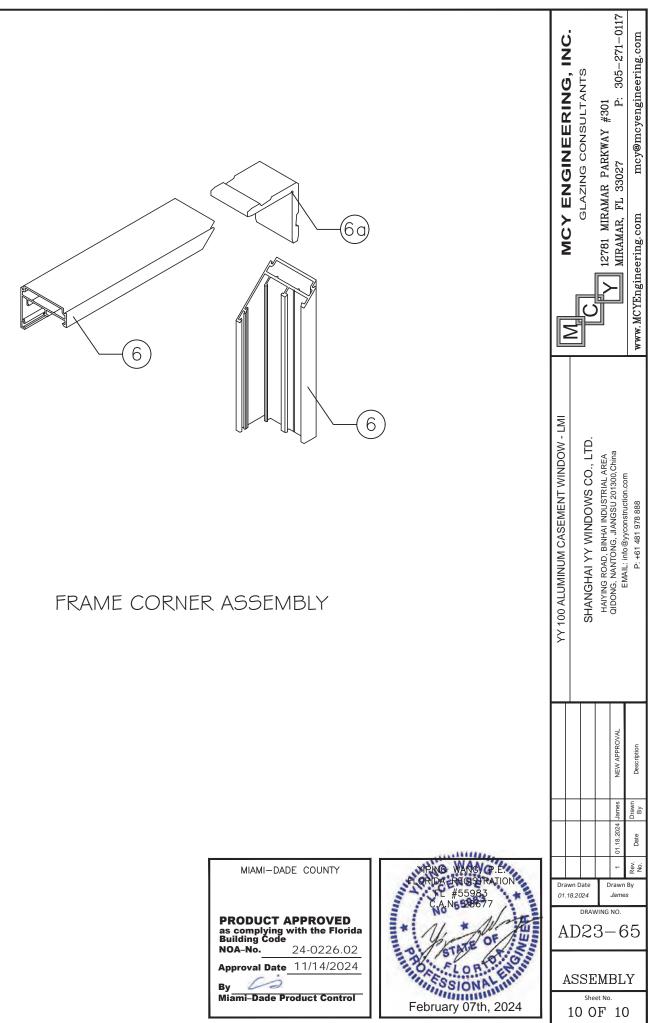






		BILL OF MATE	ERIALS		U.C.	2110 2110
ITEM	PART	DESCRIPTION	MATERIAL	MANUF./REMARKS	Ŭ, ⊨	
1	YY100-74	TRANSOM	ALUM.6063-T5	YY WINDOWS	ENGINEERING,	ULTAN #301 B.
2	YY86-21	COVER PLATE	ALUM.6063-T5	YY WINDOWS		USNC
3	YY100-36	SUPPORTING PROFILES	ALUM.6063-T5	YY WINDOWS		GLAZING CONS 2781 MIRAMAR PARKWAY
4	YY100-73	JAMB	ALUM.6063-T5	YY WINDOWS	Ž	MAR MAR
5	YY150-46	SASH BEAD	ALUM.6063-T5	YY WINDOWS		MIRA
6	YY100-9	CONVERT FRAME	ALUM.6063-T5	YY WINDOWS	MC	12781
6a	HP504B04	JIONT ANGLE	ALUM.6063-T5	YY WINDOWS	Ι.	
7	YY86-5	SASH	ALUM.6063-T5	YY WINDOWS		
7a	JMOO I 7	JIONT ANGLE	ALUM.6063-T5	YY WINDOWS		
8		EPDM GASKET	EPDM	Durometer 50±5 shore A	\square	
9		FRICTION HINGE	STAINLESS STEEL	KIN LONG		
10	N39	TRANSFER BAR&LOCK POINTS	STAINLESS STEEL /ALUMINUM ALLOY	KIN LONG	- LMI	Ċ.
	ZAI-6A	LOCKS	STAINLESS STEEL	KIN LONG	WINDOW	'Y WINDOWS CO., LTD. , BINHAI INDUSTRIAL AREA ONG. JIANGSU 201300. China
12		PLASTIC SHIM			NT WII	VS CC STRIAL /
13		WEATHER SEALANT	DOWSIL 795 OR 790	DOW CORNING	SEMEI	
14		STRUCTURAL SEALANT	DOWSIL 795	DOW CORNING	M CA	YY WI D, BINH
15	PZSWOO I	HANDLE	ALUMINUM ALLOY	KIN LONG	NUNIMU	IGHALYY V ING ROAD, BII
16		SETTING BLOCK	TPE	SHORE HARDNESS 65-80	100 ALI	
17	YY100-3	ALUM.FEMALE COLUMN.	ALUM.6063-T6	YY WINDOWS	Υ	0)
18	YY100-2	ALUM.MALE COLUMN.	ALUM.6063-T6	YY WINDOWS		
19	YY100-15	ALUM.SNAP.	ALUM.6063-T5	YY WINDOWS		
20		EPDM GASKET	EPDM	Durometer 50±5 shore A		
21		DIA. 3/16"×1". ASSEMBLY SCREW	STAINLESS STEEL			





SASH CORNER ASSEMBLY