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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 Sliding Glass Doors (OX) - L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD 22-32**, titled "YY 100 Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated JUN 05, 2023 with Revision R2 dated 12/09/2023, 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 expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations: 1. Two panels SGD configuration OX or XO (reversible) are 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 revises NOA#23-0413.02, consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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



6.2. 11/07/2024

NOA No. 24-0104.12 Expiration Date: June 15, 2028 Approval Date: November 07, 2024 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (*Submitted under NOA No. 23-0413.02*)
- 2. Drawing No. AD 22-32, titled "YY 100 Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated JUN 05, 2023, prepared by MCY Engineering, Inc., signed and sealed by Yipping Wang, P.E. (*Submitted under NOA No. 23-0413.02*)

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 OX aluminum sliding glass door, prepared by Intertek Testing, Shanghai, China., Test Report No(s) **#190904008SHF-001** dated 02/17/2023, signed and sealed by Vinu Abraham, P.E. (*Submitted under NOA No. 23-0413.02*)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-7th Edition dated 03/06/23, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E. (*Submitted under NOA No. 23-0413.02*)
- 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. NOA# **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "Sentry Glass ® Interlayer", expiring on 07/4/23.

F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC2020** (7th Edition) and Statement letter of "No financial interest" dated 03/02/23, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E. (*Submitted under NOA No. 23-0413.02*)
- 2. Distributor Agreement, between manufacturer Shanghai YY Windows Co. LTD, China and DGC Development Corp., USA (Distributor) dated 02/06/23, signed by Yvonne Yang, director and Gustavo Oliver, President on behalf of their respective companies. (*Submitted under NOA No. 23-0413.02*)

G. OTHER

1. Technical hardware brochure and extrusion Die drawings specifications.

Sifang Zhao, P.E. Product Control Examiner NOA No. 24-0104.12 Expiration Date: June 15, 2028 Approval Date: November 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **AD 22-32**, titled "YY 100 Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated JUN 05, 2023, with Revision R2 dated 12/09/2023, prepared by MCY Engineering, Inc., signed and sealed by Yipping Wang, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

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

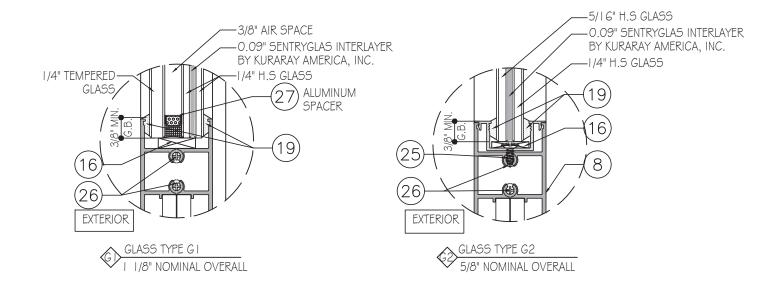
- 1. Statement letter of conformance, complying with **FBC 2023 (8th Edition)** and Statement letter of "No financial interest" dated 01/02/2024, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
- 2. Distributor Agreement, between manufacturer Shanghai YY Windows Co. LTD, China and DGC Development Corp., USA (Distributor) dated 02/06/23, signed by Yvonne Yang, director and Gustavo Oliver, President on behalf of their respective companies. (*Submitted under NOA No. 23-0413.02*)

G. OTHER

1. Notice of Acceptance No. 23-0413.02, issued to Shanghai YY Windows, LTD., for their Series "YY100" Aluminum Sliding Glass Door (OX) – L.M.I., approved on 06/15/2023 and expiring on 06/15/2028.

Sifang Zhao, P.E. Product Control Examiner NOA No. 24-0104.12 Expiration Date: June 15, 2028 Approval Date: November 07, 2024

SHANGHAI YY WINDOWS CO., LTD. YY I OO ALUMINUM SLIDING 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 RATED FOR LARGE MISSILE IMPACT. LMI SYSTEM TO BE USED FOR INSTALLATIONS UP TO 30 FT OF GRADE. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE DOORS 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 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 APPLICABLE LOAD COMBINATION EQUATIONS, MULTIPLY BY O.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.

-SEALANTS:

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

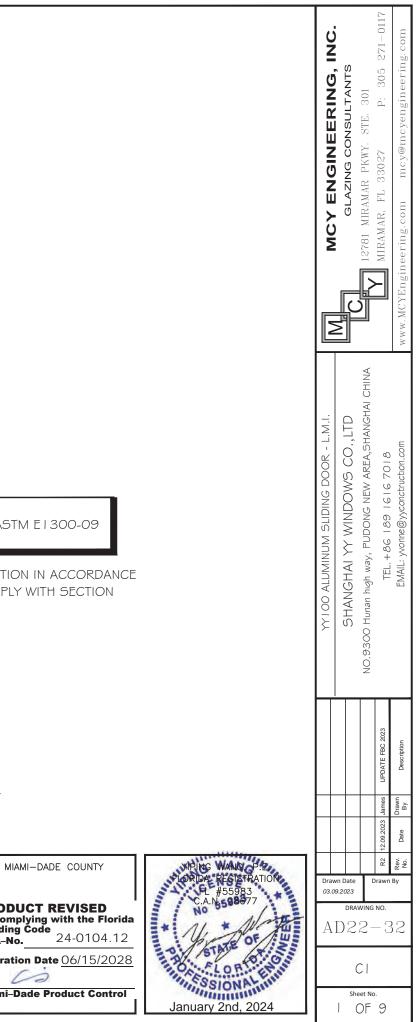
NOTE: GLASS COMPLIES WITH ASTM E I 300-09 (3 SEC. GUSTS).

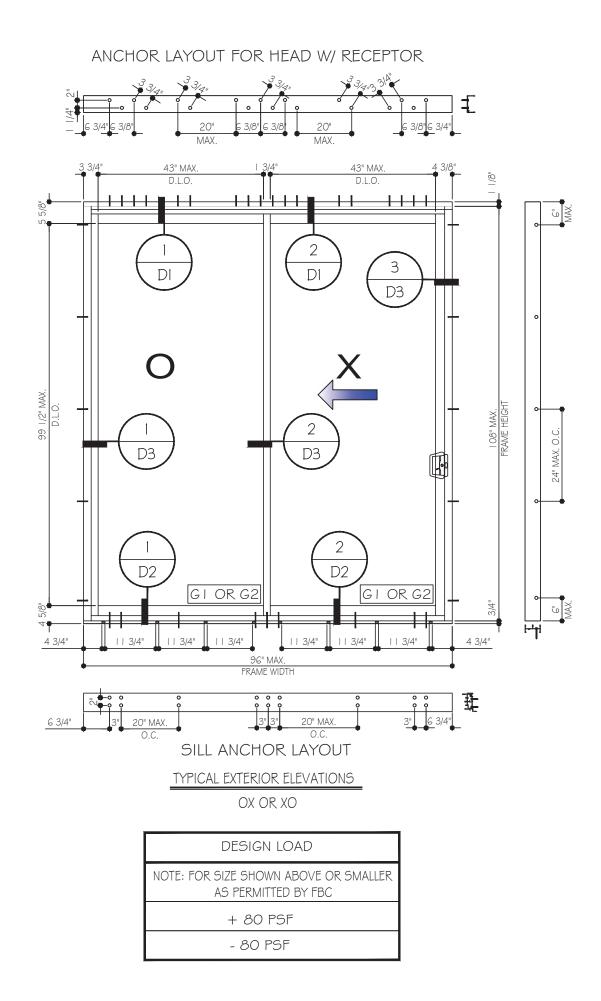
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

USE CHARTS AS FOLLOWS.

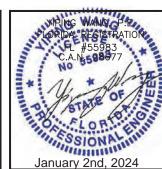
- <u>STEP I:</u> DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD OR WIND TUNNEL REPORTS.
- STEP 2: SEE SHEET EI FOR TYPICAL SLIDING DOOR ELEVATION.
- STEP 3: SEE SHEET AT FOR ANCHOR OPTIONS. SEE SHEET ET FOR ANCHOR LAYOUT.
- STEP4: THE LOWEST VALUE RESULTING FROM STEPS 2 \$ 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THOUGH STEP I SHALL APPLY TO ENTIRE SYSTEM

ABBREVIATIO		
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	C 7 SHEET NUMBER	PRODUCT as complyin Building Coc NOA-No Expiration D By Miami-Dade

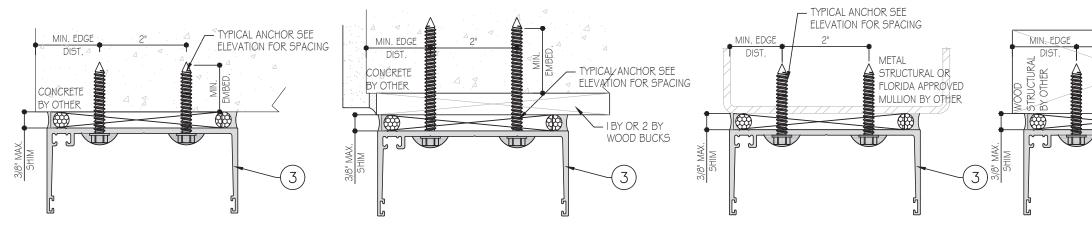


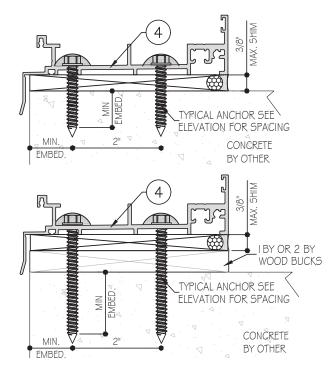


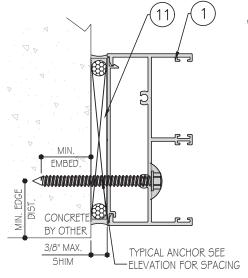


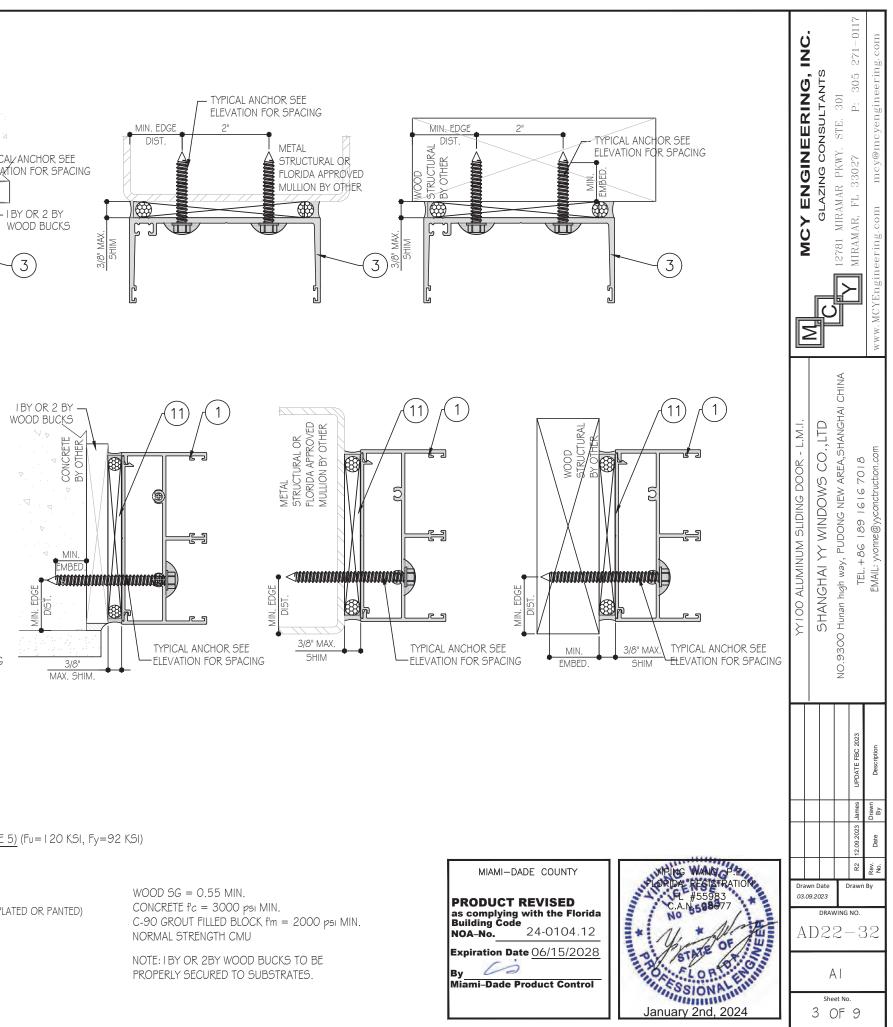


MIAMI-DADE COUNTY PRODUCT REVISED as complying with the Florida Building Code NOA-No. 24-0104.12 Expiration Date 06/15/2028 By ______ Miami-Dade Product Control









TYPICAL ANCHOR TYPES:

SEE ELEVATIONS FOR SPACING

TYPE "A": 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177)	(SI, Fy=155 KSI)			
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES				
2" MIN. PENETRATION INTO WOOD	(HEAD/ SILL/ JAMB)			
THRU I BY WOOD BUCKS INTO CONC. OR BLOCK	5			
2" MIN. EMBED INTO CONCRETE	(HEAD/ SILL/ JAMB)			
I -3/4" MIN. EMBED INTO GROUT -FILLED BLOCK	(JAMB ONLY)			

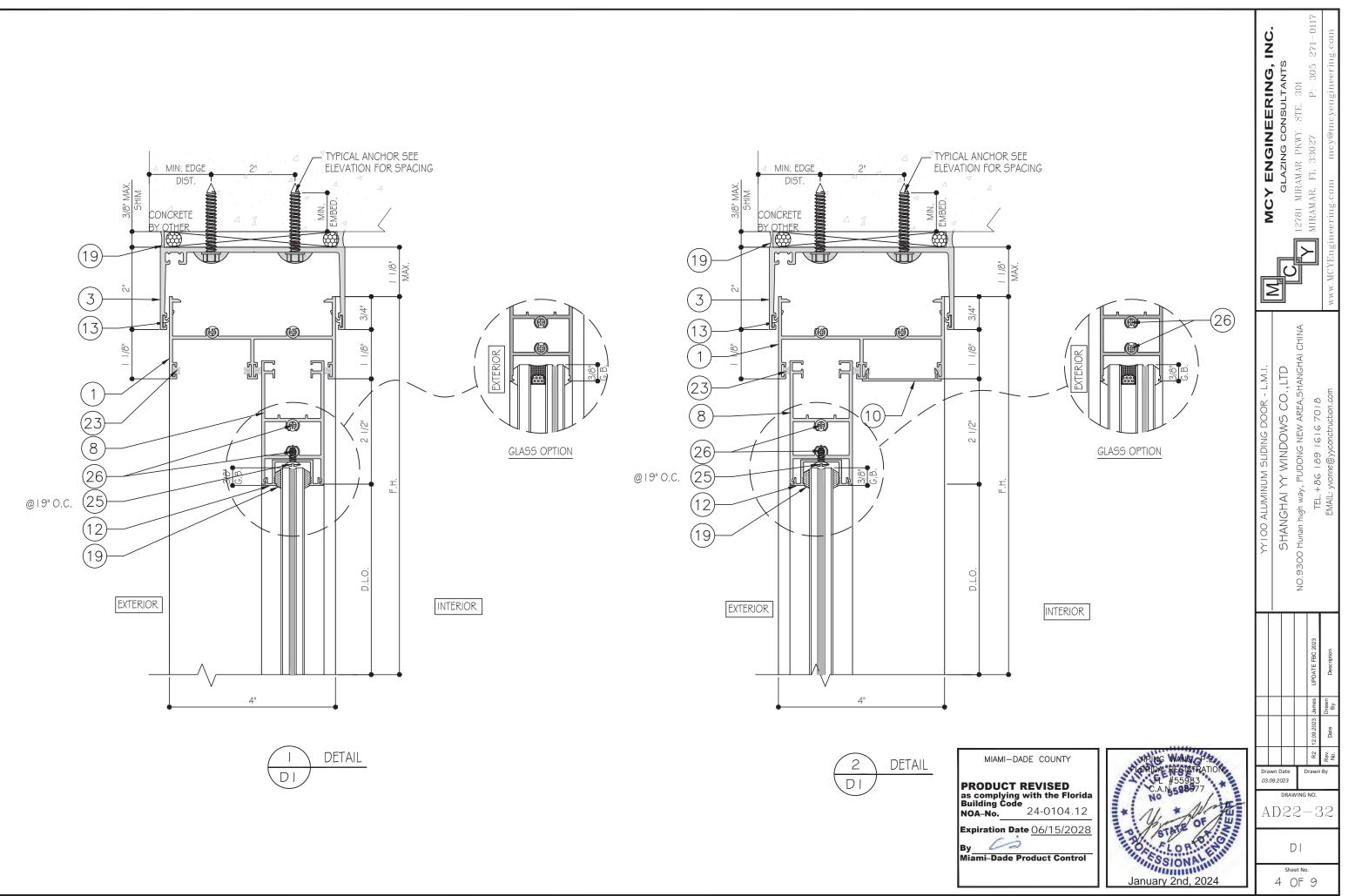
DIRECTLY INTO CONC. OR BLOCKS 2" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMB) I -3/4" MIN. EMBED INTO GROUT-FILLED BLOCK (JAMB ONLY)

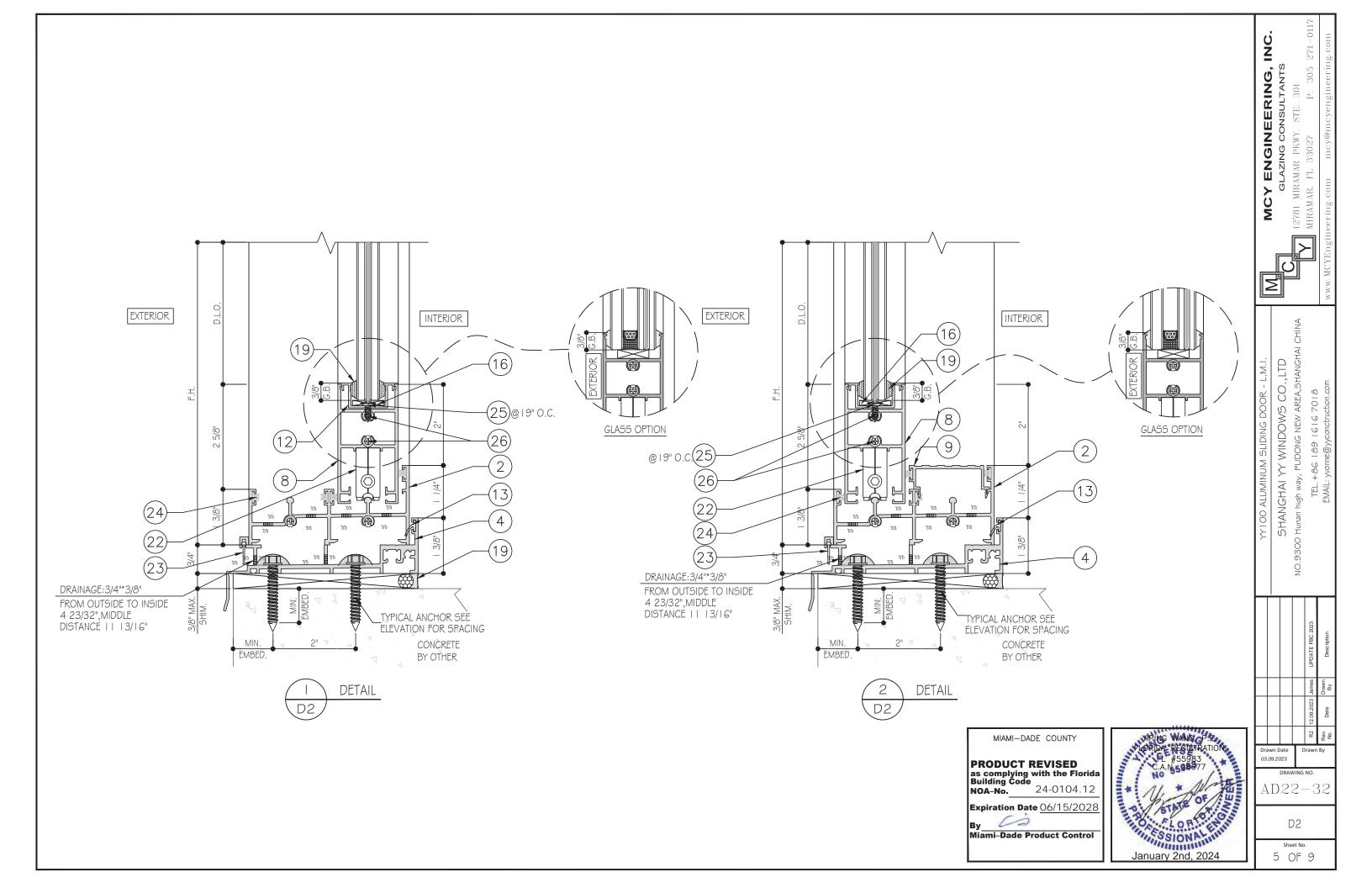
TYPE "B": 5/16" TEKS SELF DRILLING SCREW(GRADE 5) (Fu=120 KSI, Fy=92 KSI)

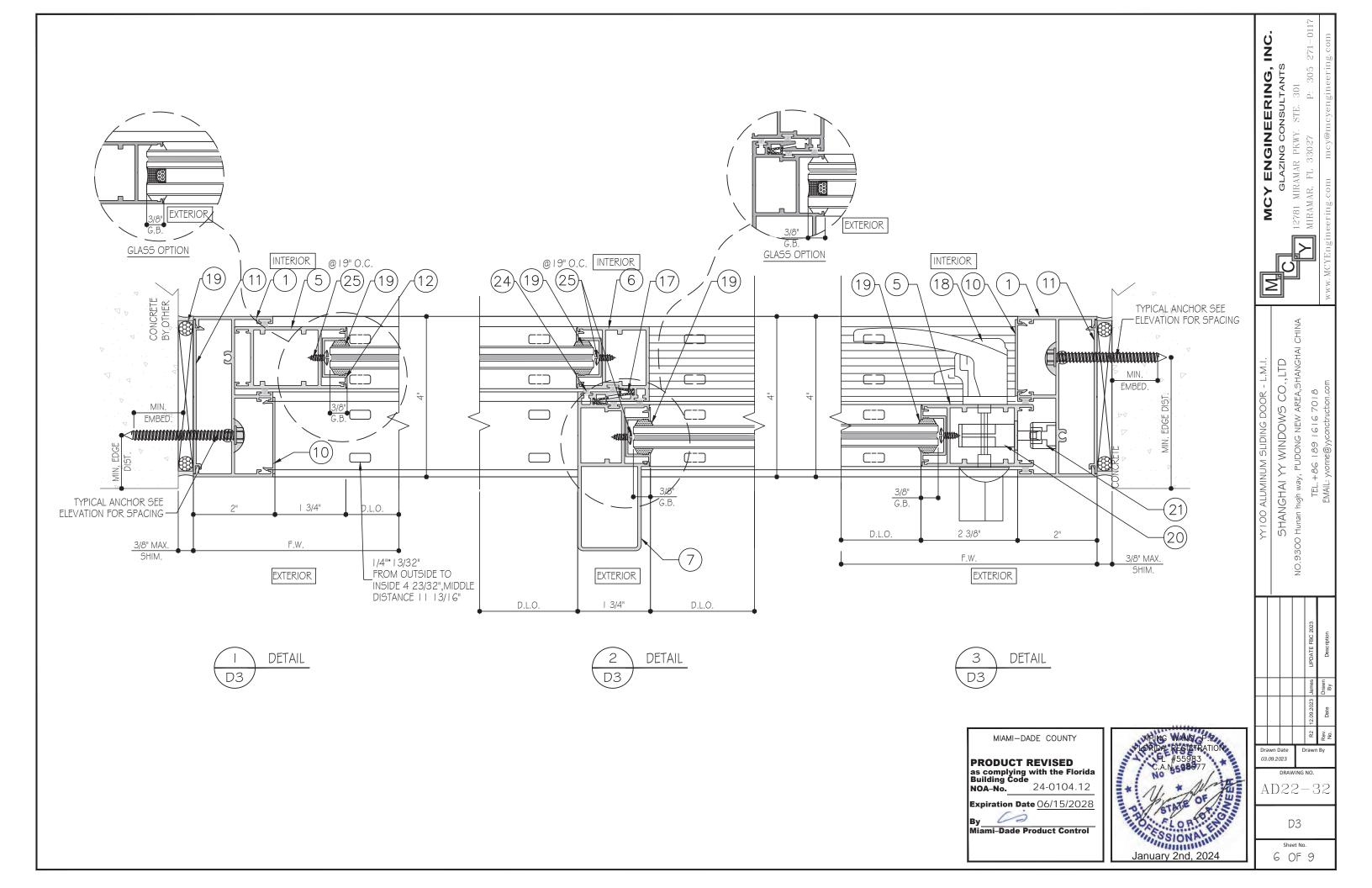
INTO APPROVED MULLIONS INTO METAL STRUCTURE STEEL: 12 GA. MIN. (Fy=36 KSI MIN.) ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PANTED)

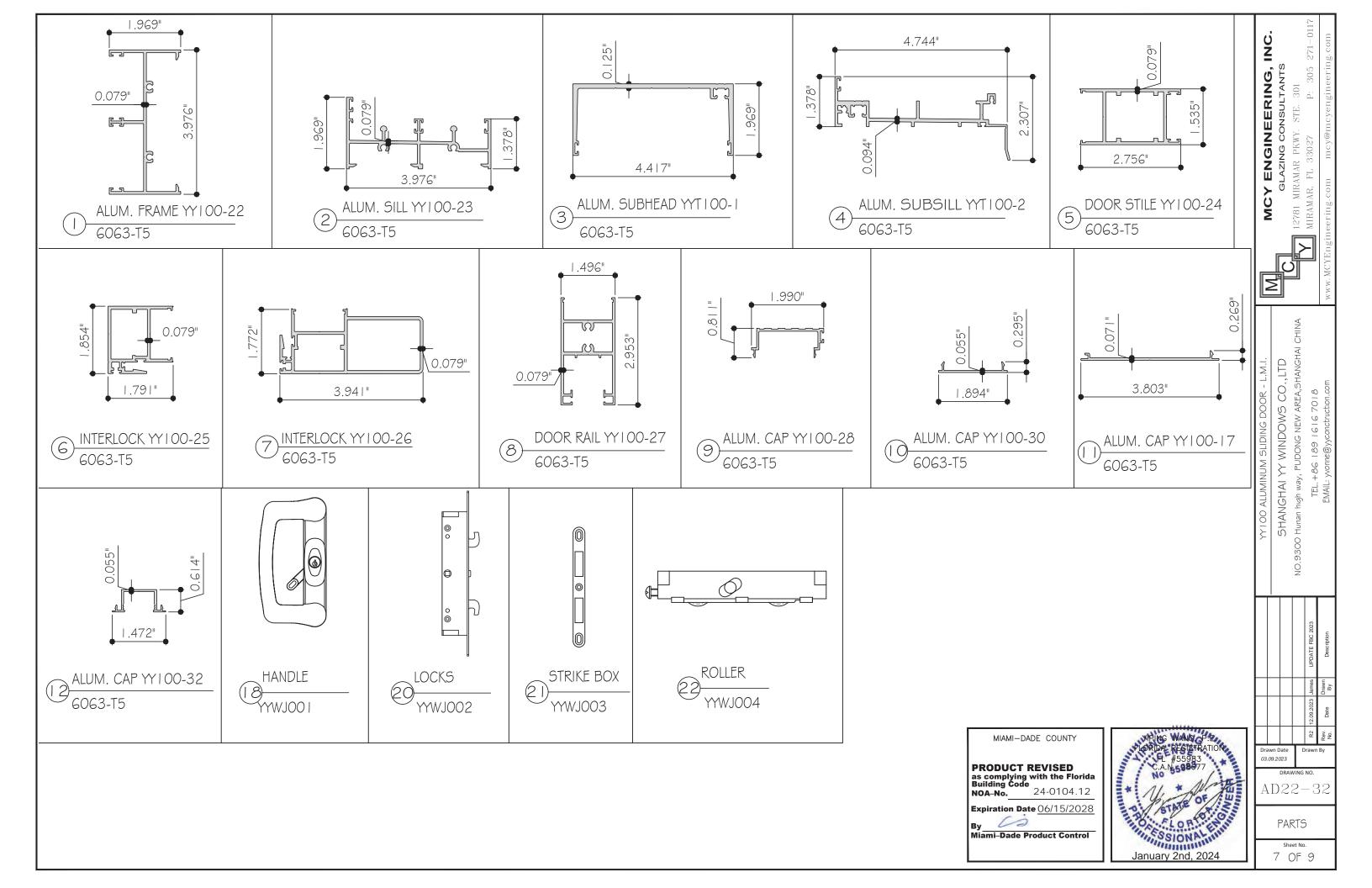
TYPICAL ANCHOR EDGE DISTANCE:

INTO CONCRETE AND MASONRY = 2 1/2" MIN. INTO WOOD STRUCTURE = 1 1/4" MIN. INTO METAL STRUCTURE = 3/4" MIN.







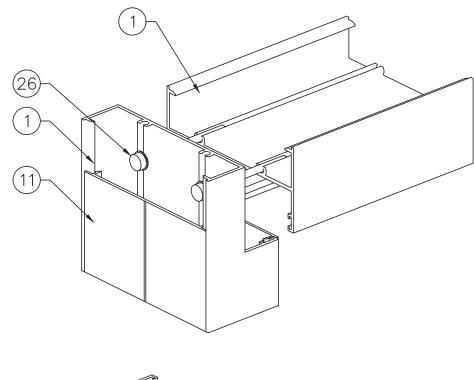


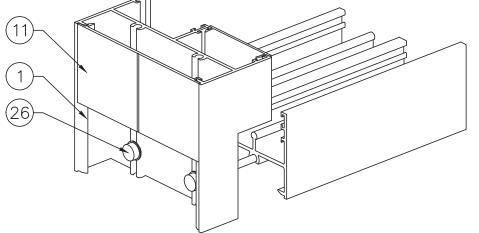
ITEM	PART	DESCRIPTION	MATERIAL	MANUF. / REMARKS
	YY100-22	FRAME	ALUM. 6063-T5	YY WINDOWS
2	YY100-23	SILL	ALUM. 6063-T5	YY WINDOWS
3	YYT I 00- I	SUBHEAD	ALUM. 6063-T5	YY WINDOWS
4	YYT100-2	SUBSILL	ALUM. 6063-T5	YY WINDOWS
5	YY100-24	DOOR STILE	ALUM. 6063-T5	YY WINDOWS
6	YY100-25	INTERLOCK	ALUM. 6063-T5	YY WINDOWS
7	YY100-26	INTERLOCK	ALUM. 6063-T5	YY WINDOWS
8	YY100-27	DOOR RAIL	ALUM. 6063-T5	YY WINDOWS
9	YY100-28	CAP	ALUM. 6063-T5	YY WINDOWS
10	YY100-30	CAP	ALUM. 6063-T5	YY WINDOWS
	YY100-17	CAP	ALUM. 6063-T5	YY WINDOWS
12	YY100-32	CAP	ALUM. 6063-T5	YY WINDOWS
13		EPDM GASKET	EPDM	YY-1548
14		5/I G" DIA. ULTRACON	55 304	-
15		DOOR PACKER	PA 66	-
16		SETTING BLOCK	TPE	SHORE HARDNESS 65-80
17		EPDM GASKET	EPDM	YY-2218
18	YYWJOO I	HANDLE	ZINC ALLOY	YY WINDOWS
19		STRUCTURAL SEALANT	DOWSIL 795	DOW CORNING
20	YYWJOO2	LOCKS	ZINC ALLOY	YY WINDOWS
21	YYWJOO3	STRIKE BOX	55 304	YY WINDOWS
22	YYWJOO4	ROLLER	55 304	PAG
23		EPDM GASKET	EPDM	YY-2393
24		MOHAIR	PVC	MOHAIR-3
25		1/8" DIA. S.S SCREW	55 304	-
26		5/32" DIA. S.S FRAME ASSEMBLY SCREW	55 304	-
27		3/8" GLASS SPACER	ALUMINUM.	_



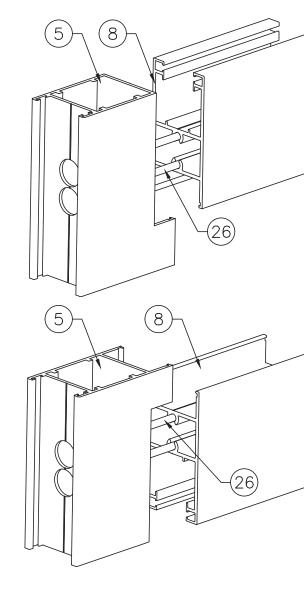








FRAME CORNER ASSEMBLY TOP AND BOTTOM



PANEL ASSEMBLY TOP AND BOTTOM

> MIAMI-C PRODUCT as complyin Building Cod NOA-No.____ Expiration D By Miami-Dade

				. STE.	MIRAMAR, FL 33027 P: 305 271-0117	www.MCYEngineering.com mcy@mcyengineering.com
		YY I OO ALUMINUM SLIDING DOOR - L.M.I.	SHANGHAI YY WINDOWS CO., LTD	NO.9300 Hunan high way, PUDONG NEW AREA, SHANGHAI CHINA	TEL. + 86 189 1616 7018	EMAIL: yvonne@yconctruction.com
DADE COUNTY CT REVISED ing with the Florida ode 24-0104.12 Date 06/15/2028 Date Product Control	HPING WANG CP 2 PLORIDA RESISTRATION FL #55983 C.A.N. 28077	<i>оз.с</i> А	D2 ASS	wing i 2 –	- 3 3L1	32