



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
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-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 June 06, 2023, prepared by MCY Engineering, Inc., signed and sealed by Yipping 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:

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 is 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 **Ishaq I. Chanda, P.E.**



Ishaq I. Chanda

NOA No. 23-0413.02
Expiration Date: June 15, 2028
Approval Date: June 15, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **AD 22-32**, titled "YY 100 Aluminum Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated June 06, 2023, 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
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.

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 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. **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)** dated 03/02/23, issued by MCY Engineering, Inc., signed and sealed by Yipping Wang, P.E.
2. Statement letter of "No financial interest" dated 03/02/23, issued by MCY Engineering, Inc., signed and sealed by Yipping Wang, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0413.02
Expiration Date: June 15, 2028
Approval Date: June 15, 2023

Shanghai YY Windows CO. LTD.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)

3. 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.

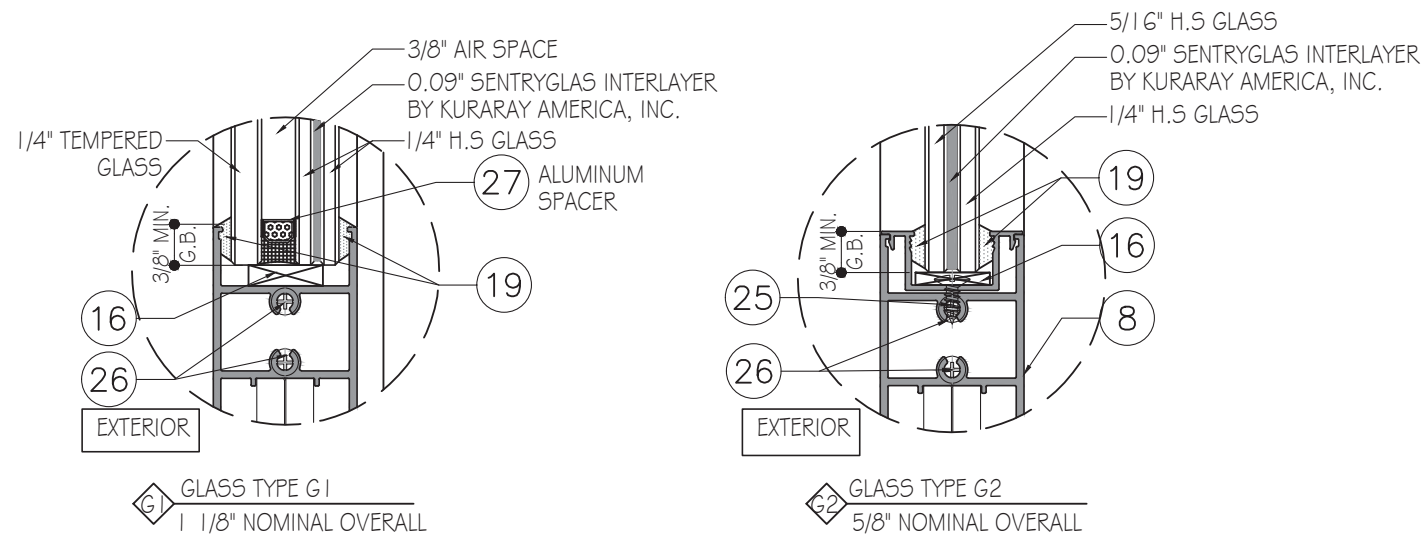
G. OTHER

1. Technical hardware brochure and extrusion Die drawings specifications.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0413.02
Expiration Date: June 15, 2028
Approval Date: June 15, 2023

SHANGHAI YY WINDOWS CO., LTD.
YY100 ALUMINUM SLIDING DOOR - L.M.I.



GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION FLORIDA BUILDING CODE (2020) 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 7TH EDITION FLORIDA BUILDING CODE (2020) 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 7-16 APPLICABLE LOAD COMBINATION EQUATIONS, 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.

-SEALANTS:

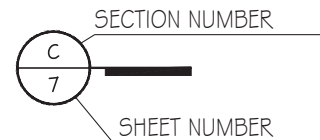
ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.

USE CHARTS AS FOLLOWS.

- STEP 1:** DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-16 STANDARD OR WIND TUNNEL REPORTS.
- STEP 2:** SEE SHEET E1 FOR TYPICAL SLIDING DOOR ELEVATION.
- STEP 3:** SEE SHEET A1 FOR ANCHOR OPTIONS. SEE SHEET E1 FOR ANCHOR LAYOUT.
- STEP4:** THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THOUGH 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 E1300-09 (3 SEC. GUSTS).

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0413.02

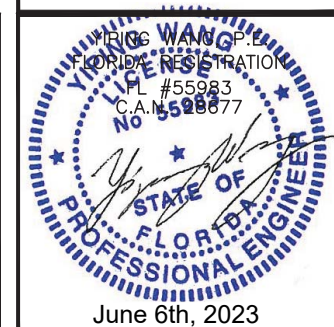
Approval Date 06/15/2023

By Ishag I. Chande
Miami-Dade Product Control

LIMITATIONS OF USE

- A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- B- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW. THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
- E- IN HVHZ AREA, ANY DEVIATION FROM NOA REQUIRES ONE-TIME APPROVAL FROM MIAMI-DADE COUNTY.

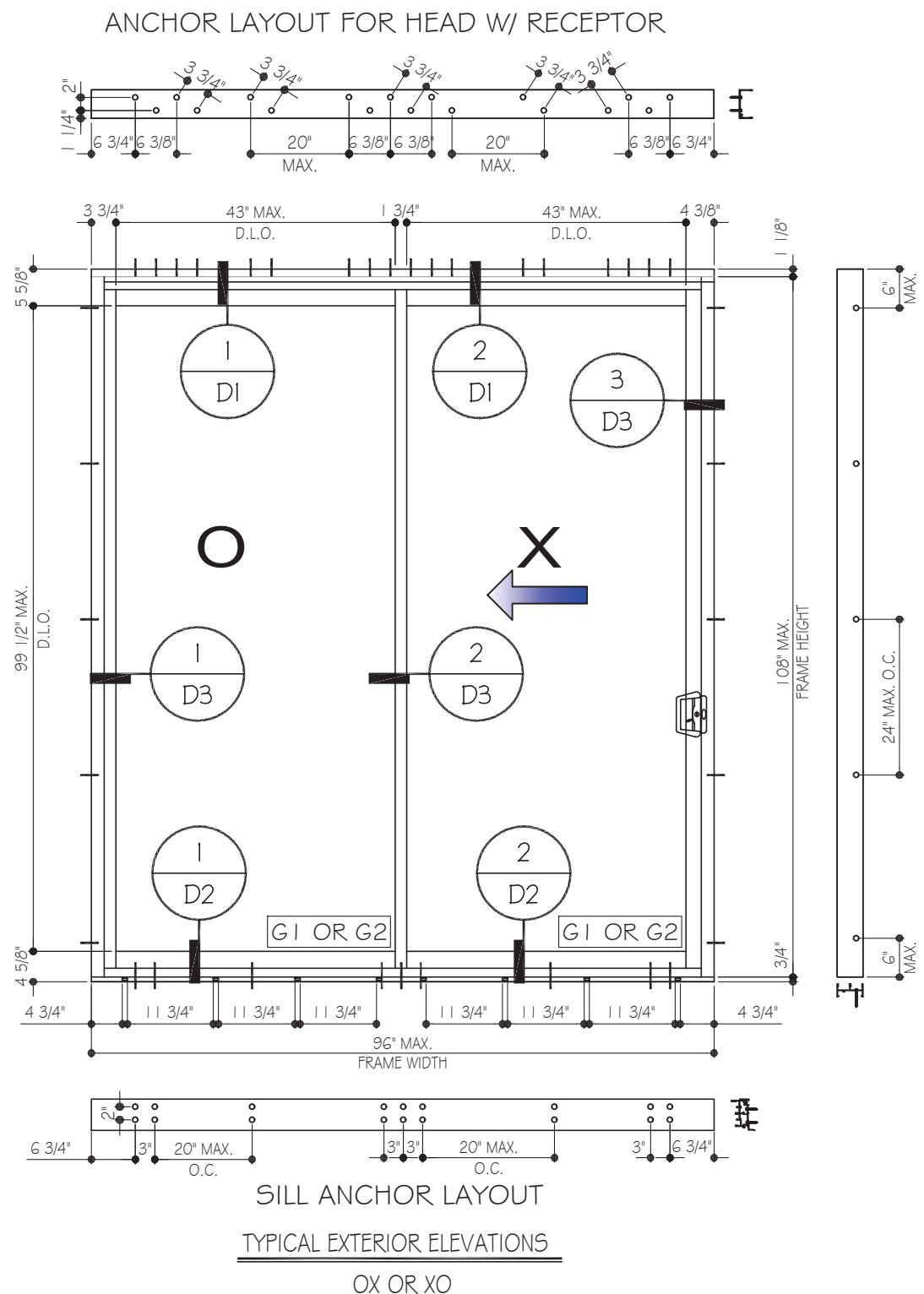
MIAMI-DADE COUNTY



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

YY100 ALUMINUM SLIDING DOOR - L.M.I.
SHANGHAI YY WINDOWS CO., LTD
NO.9300 Hunan high way, PUDONG NEW AREA, SHANGHAI CHINA
TEL: +86 021-68221481 / +86 021-68221484
EMAIL: ywome@yyconstruction.com

Rev. No.	Date	Drawn By	Description
01	03.09.2023	James	NEW PRODUCT APPLICATION
Drawing Date 03.09.2023			
Drawing No. AD22-32			
Sheet No. 1 OF 9			



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0413.02
Approval Date 06/15/2023
By Ishag I. Chande
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

M

C

Y

YY100 ALUMINUM SLIDING DOOR - L.M.I.

SHANGHAI YY WINDOWS CO.,LTD

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

TEL:+86 021-68221481/+86 021-68221484

EMAIL: ywome@yyconstruction.com

Rev. No.	Date	Drawn By	Description
01	03.09.2023	James	NEW PRODUCT APPLICATION

Drawn Date
03.09.2023

Drawn By

DRAWING NO.

AD22-32

EI

Sheet No.

2 OF 9

MIAMI-DADE COUNTY

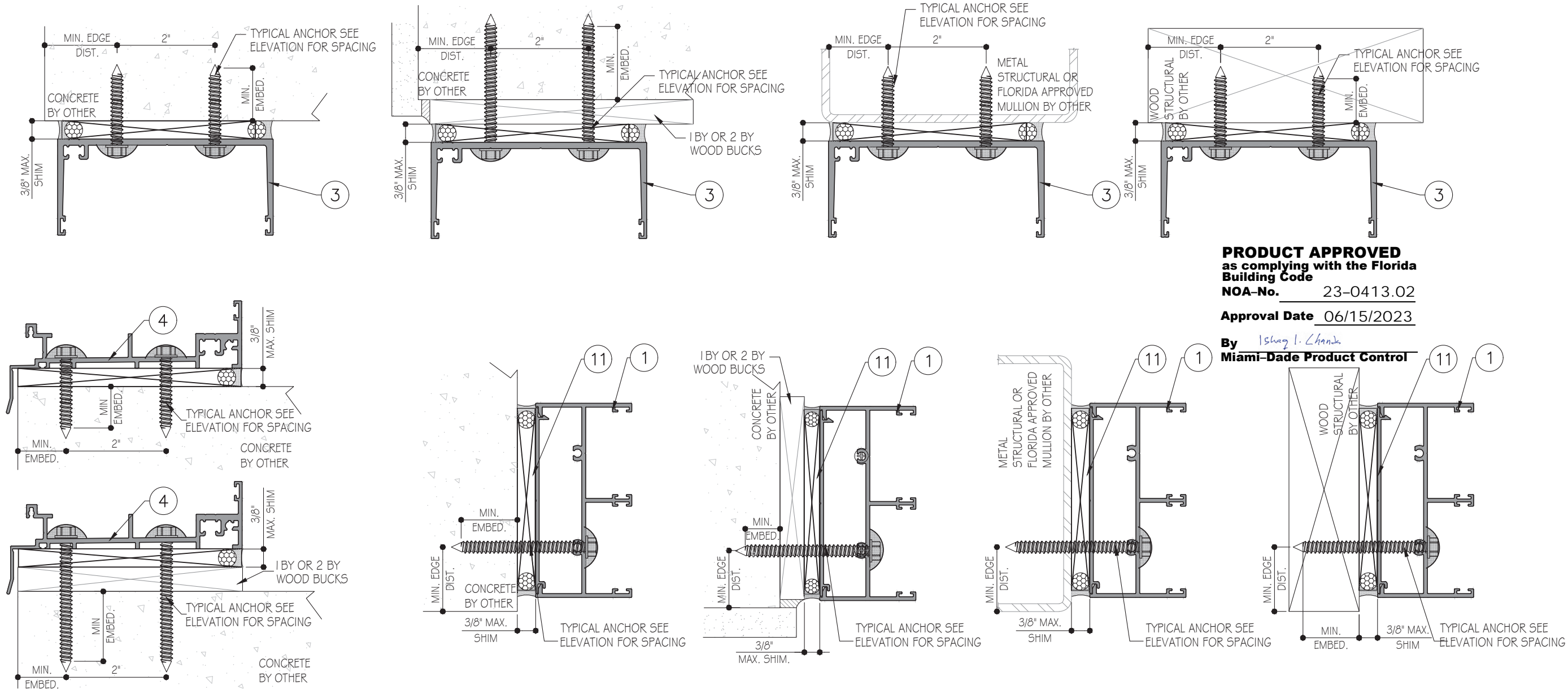
YONG WANG

REGISTERED PROFESSIONAL ENGINEER

FLORIDA REGISTRATION NO. 55983

C.A.N. 559877

June 6th, 2023



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0413.02

Approval Date 06/15/2023

By *Ishay I. Chander*
Miami-Dade Product Control

TYPICAL ANCHOR TYPES:
SEE ELEVATIONS FOR SPACING

TYPE "A": 5/16" DIA. ULTRACON BY 'DEWALT' ($F_u = 177$ KSI, $F_y = 155$ KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
2" MIN. PENETRATION INTO WOOD (HEAD/ SILL/ JAMB)
THRU 1 BY WOOD BUCKS INTO CONC. OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMB)
1-3/4" MIN. EMBED INTO GROUT -FILLED BLOCK (JAMB ONLY)

DIRECTLY INTO CONC. OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMB)
1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCK (JAMB ONLY)

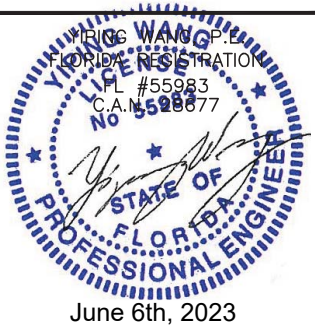
TYPE "B": 5/16" TEKS SELF DRILLING SCREW(GRADE 5) ($F_u = 120$ KSI, $F_y = 92$ KSI)
INTO APPROVED MULLIONS
INTO METAL STRUCTURE
STEEL: 12 GA. MIN. ($F_y = 36$ KSI MIN.)
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PANTED)

TYPICAL ANCHOR EDGE DISTANCE:
INTO CONCRETE AND MASONRY = 2 1/2" MIN.
INTO WOOD STRUCTURE = 1 1/4" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

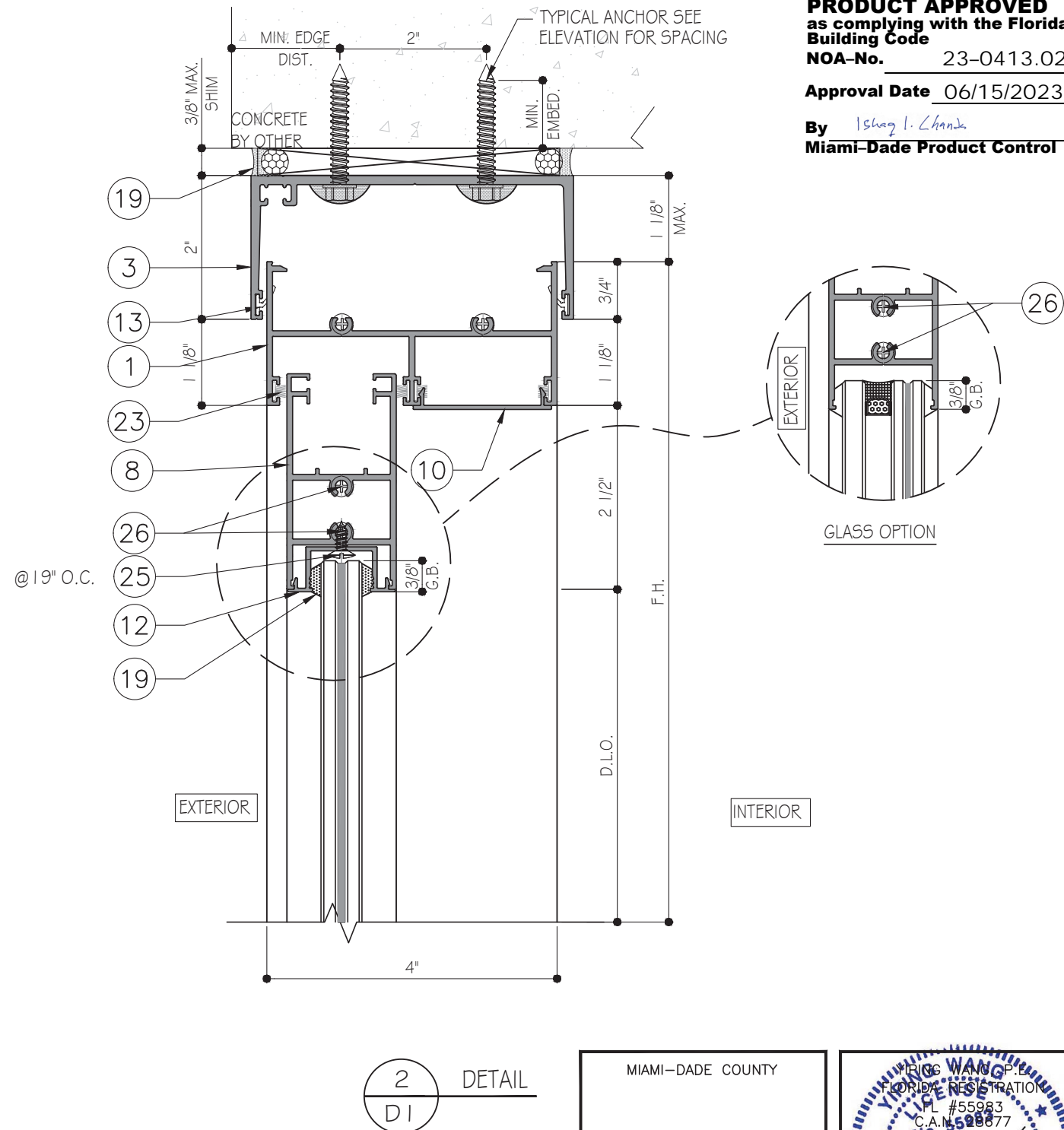
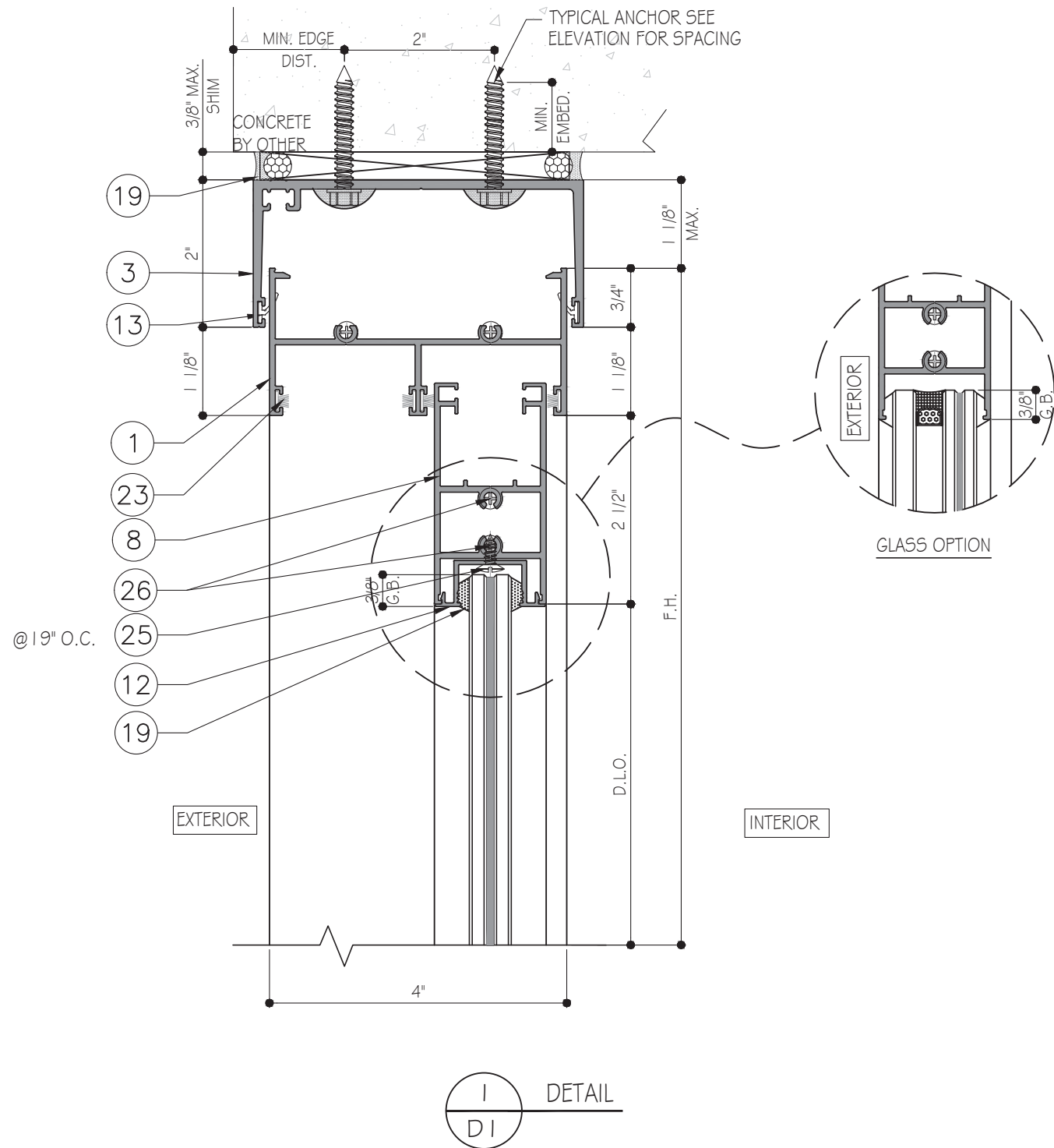
WOOD SG = 0.55 MIN.
CONCRETE $f'_c = 3000$ psi MIN.
C-90 GROUT FILLED BLOCK $f_m = 2000$ psi MIN.
NORMAL STRENGTH CMU

NOTE: 1 BY OR 2BY WOOD BUCKS TO BE
PROPERLY SECURED TO SUBSTRATES.

MIAMI-DADE COUNTY



Rev. No.	Date	Drawn By	Description
01	03.09.2023	James	NEW PRODUCT APPLICATION
Drawing No. AD22-32			
Sheet No. 3 OF 9			



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0413.02
Approval Date 06/15/2023
By *Ishaq I. Chanik*
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

YY100 ALUMINUM SLIDING DOOR - L.M.I.
SHANGHAI YI WINDOWS CO., LTD
NO.9300 Hunan high way, PUDONG NEW AREA, SHANGHAI CHINA
TEL: +86 021-68221481 / +86 021-68221484
EMAIL: ywome@yiconstruction.com

Rev. No.	Date	Drawn By	Description
01	03.09.2023	James	NEW PRODUCT APPLICATION

Drawn Date 03.09.2023 Drawn By

DRAWING NO.
AD22-32


DI

Sheet No.
4 OF 9

MIAMI-DADE COUNTY

YONG WANG
FLORIDA REGISTRATION
FL #55983
C.A.N. #5598377
June 6th, 2023

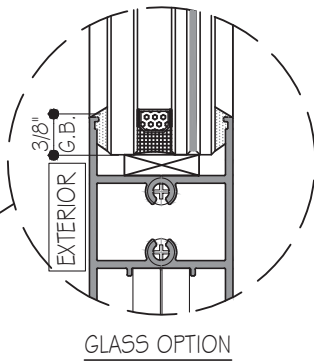
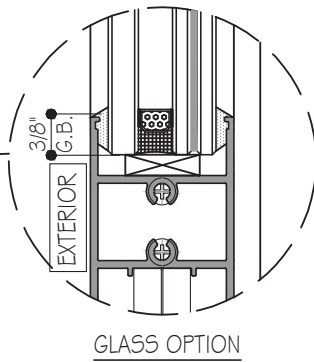
By Ishaq I. Chande
Miami-Dade Product Control

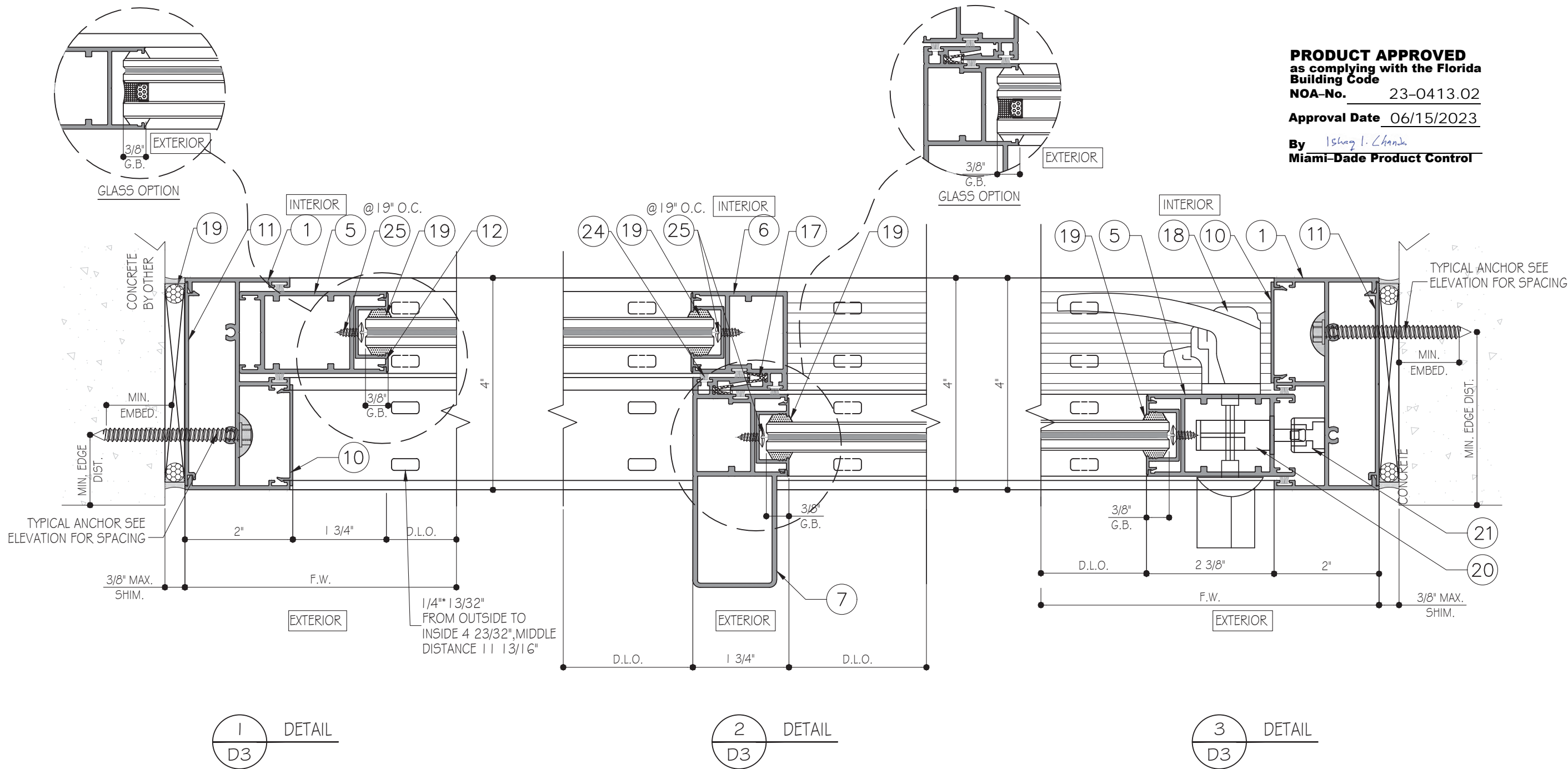


www.MCYEngin

[illegible]

Sheet No.
5 OF 9





PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0413.02

Approval Date 06/15/2023

By *Ishag I. Chande*
Miami-Dade Product Control

Rev. No.	Date	Drawn By	Description
01	03.09.2023	James	NEW PRODUCT APPLICATION

Drawn Date 03.09.2023

Drawn By

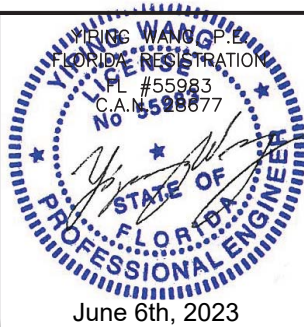
DRAWING NO.
AD22-32

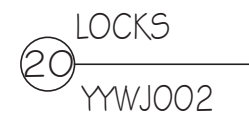
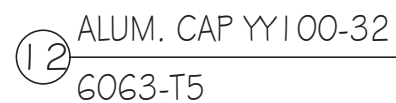
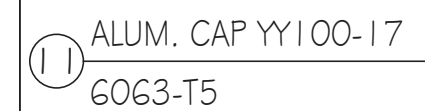
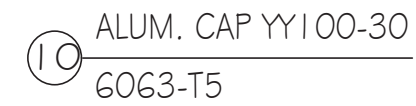
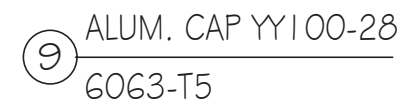
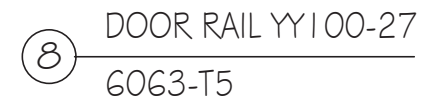
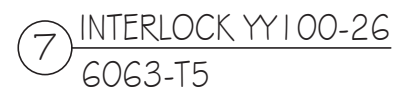
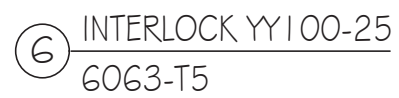
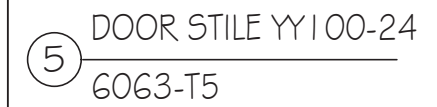
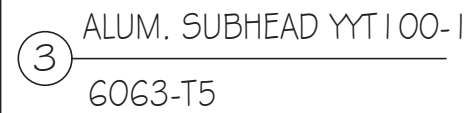
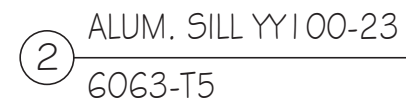
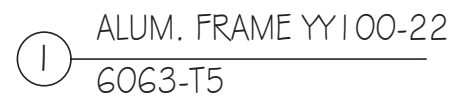
D3

Sheet No.

6 OF 9

MIAMI-DADE COUNTY





By Ishag I. Chanda
Miami-Dade Product Control

YUNG WANG, P.E.
 FLORIDA REGISTRATION
 FL #555983
 C.A.N. 20677

STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

June 6th, 2023

TEL. +86 021-68221481/ +86 021-68221484
EMAIL: wonne@yyconstruction.com

mcy@mcyengineering.com

BILL OF MATERIALS

ITEM	PART	DESCRIPTION	MATERIAL	MANUF. / REMARKS
1	YY100-22	FRAME	ALUM. 6063-T5	YY WINDOWS
2	YY100-23	SILL	ALUM. 6063-T5	YY WINDOWS
3	YYT100-1	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
11	YY100-17	CAP	ALUM. 6063-T5	YY WINDOWS
12	YY100-32	CAP	ALUM. 6063-T5	YY WINDOWS
13	--	EPDM GASKET	EPDM	YY-1548
14	--	5/16" DIA. ULTRACON	SS 304	-
15	--	DOOR PACKER	PA 66	-
16	--	SETTING BLOCK	TPE	SHORE HARDNESS 65-80
17	--	EPDM GASKET	EPDM	YY-2218
18	YYWJ001	HANDLE	ZINC ALLOY	YY WINDOWS
19	--	STRUCTURAL SEALANT	DOWSIL 795	DOW CORNING
20	YYWJ002	LOCKS	ZINC ALLOY	YY WINDOWS
21	YYWJ003	STRIKE BOX	SS 304	YY WINDOWS
22	YYWJ004	ROLLER	SS 304	PAG
23	--	EPDM GASKET	EPDM	YY-2393
24	--	MOHAIR	PVC	MOHAIR-3
25	--	1/8" DIA. S.S SCREW	SS 304	-
26	--	5/32" DIA. S.S FRAME ASSEMBLY SCREW	SS 304	-
27	--	3/8" GLASS SPACER	ALUMINUM.	-

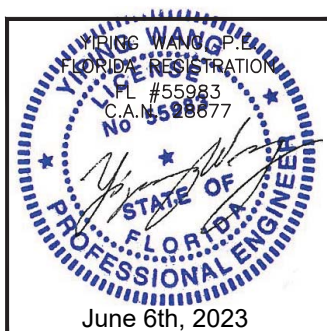
PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 23-0413.02

Approval Date 06/15/2023

By Ishaq I. Chande
Miami-Dade Product Control

MIAMI-DADE COUNTY



 MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PKWY. STE. 301 MIRAMAR, FL 33027 P: 305 271-0117 www.MCYEngineering.com mcy@mcyengineering.com									
YY100 ALUMINUM SLIDING DOOR - L.M.I.									
SHANGHAI YY WINDOWS CO.,LTD NO.9300 Hunan high way, PUDONG NEW AREA,SHANGHAI CHINA TEL.+86 021-68221481/ +86 021-68221484 EMAIL: yyome@yyconfruction.com									
Drawn Date 03.09.2023			Drawn By						
DRAWING NO.									
AD22-32									
BOM									
Sheet No.									
8 OF 9									

