



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 Superhouse Building Material Co., Ltd.
No. 8666 Hunan Hwy. Rd. Unit 10, Level 5
Pudong New Area, Shanghai, China 201314

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 "SPA100 Flush Glazed" Aluminum Storefront System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD25-01**, titled "SPA100 Fixed Window System – L.M.I.", sheets 1 through 8 of 8, dated 05/09/25, with revision No. 01 dated 05/09/25, 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

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and 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.

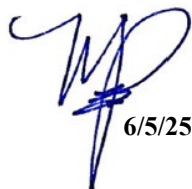
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




6/5/25

NOA No. 25-0415.01
Expiration Date: June 12, 2030
Approval Date: June 12, 2025
Page 1

Shanghai Superhouse Building Material Co., Ltd.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **AD25-01**, titled "SPA100 Fixed Window System– L.M.I.", sheets 1 through 8 of 8, dated 05/09/25, with revision No. 01 dated 05/09/25, 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) Large Missile Impact Test per FBC, TAS 201-94
..5) Small 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 seven (7) series SPA100 aluminum fixed window system specimens, prepared by QAI Laboratories, Test Report No. **QAI-MED-1205a**, dated 10/18/24, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

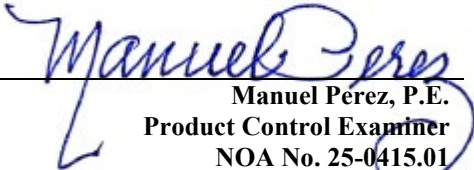
1. Anchor verification calculations and structural analysis, complying with FBC 8th Edition (2023), dated 02/12/25, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with **ASTM E1300-09**

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.
2. Notice of Acceptance No. **23-0713.18** issued to **Eastman Chemical Company (MA)** for their "**Saflex® PVB Clear and Colored Interlayers for Laminated Glass**" dated 08/17/23, expiring on 05/21/26.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0415.01
Expiration Date: June 12, 2030
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Shanghai Superhouse Building Material Co., Ltd.

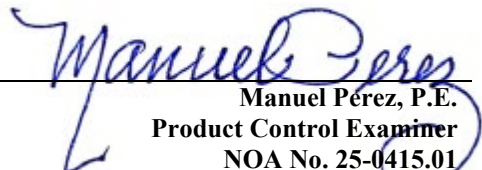
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated January 11, 2025, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated January 11, 2025, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
3. Distributor Agreement between Shanghai Superhouse Building Material Co., Ltd., Shanghai, China, and CasaNoah Design Group LLC, Florida, USA, dated 02/26/25, signed by Lilian Li and Bin Lin, respectively.

G. OTHERS

1. None.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0415.01
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SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD.
SPA100 FIXED WINDOW - L.M.I.

GENERAL NOTES:

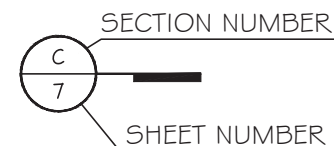
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
 - WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
 - THESE WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.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

- | | |
|----------------|---|
| <u>STEP 1:</u> | DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD OR WIND TUNNEL REPORTS. |
| <u>STEP 2:</u> | SEE SHEET E I FOR TYPICAL WINDOW WALL ELEVATION. SEE SHEET G I FOR GLASS TYPES AND CAPACITY. |
| <u>STEP 3:</u> | SEE SHEET A I FOR ANCHOR OPTIONS. |
| <u>STEP 4:</u> | THE LOWEST VALUE RESULTING FROM STEPS 2 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THROUGH STEP 1 SHALL APPLY TO ENTIRE SYSTEM |

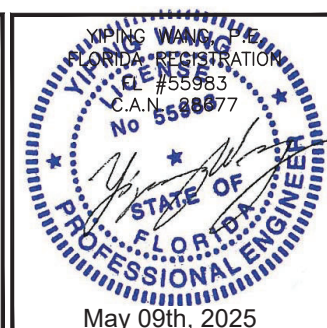
ABBREVIATIONS AND SYMBOLS

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

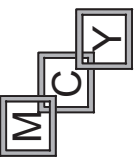


MIAMI DADE COUNTY

PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. 25-0415.01
Approval Date: 06/12/2025
By: Manuel Perez
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

SPA100 FIXED WINDOW SYSTEM - L.M.I.

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA

Shanghai, China
330 CELL 86 135

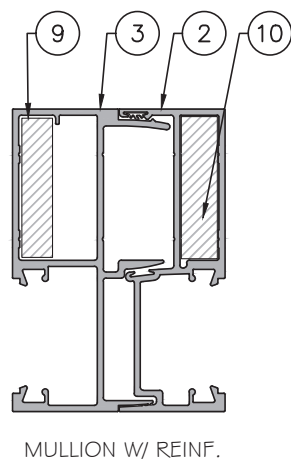
TEL.86 021-5822 0630 CELL.86 135-8572-3609

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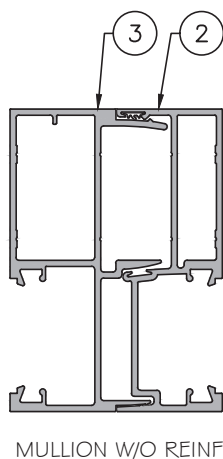
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05.09.2025	AS SHOWN

DRAWING NO.
AD25-01

COVER
Sheet No.
1 OF 8



MULLION W/ REINF.

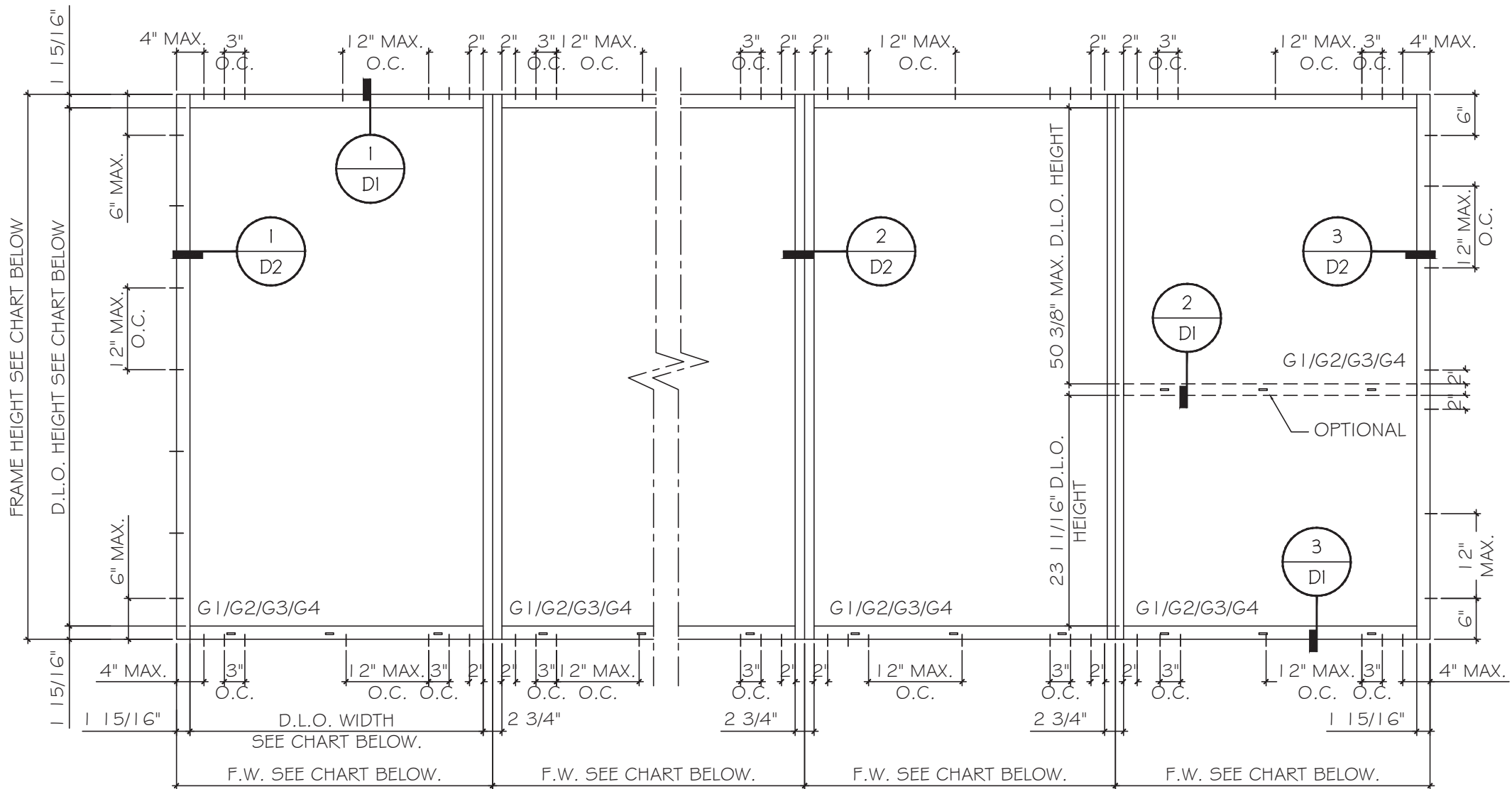


MULLION W/O REINF.

TYPICAL EXTERIOR ELEVATIONS

CAPACITY CHART - PSF.						
MAX. WINDOW SIZE		MULLION REINF.	MAX. GLASS SIZE		GLASS TYPE	MAX. PRESSURE (PSF)
F.W.	F.H.		D.L.O. W	D.L.O. H		
45 3/4"	80"	YES	43"	76 1/16"	G1/G2	+115/-115
45 3/4"	90"	NO	43"	86 1/16"	G1/G2/G3/G4	+65/-65

NOTE:
FOR SIZES SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.
FRAME HEIGHT = D.L.O. H + 3 15/16".
FRAME WIDTH = D.L.O. W + 2 3/4" (@ MULLION).
FRAME WIDTH = D.L.O. W + 3 3/8" (@ JAMB).



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Miami-Dade Product Control



SPA100 FIXED WINDOW SYSTEM - L.M.I.
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
Shanghai, China
TEL.86 021-5822 0630 CELL.86 135-8572-3609

Rev. No.	Date	Drawn By	Description
01	05.09.2025	James	NEW PRODUCT APPLICATION

Drawn Date: 05.09.2025
SCALE: AS SHOWN

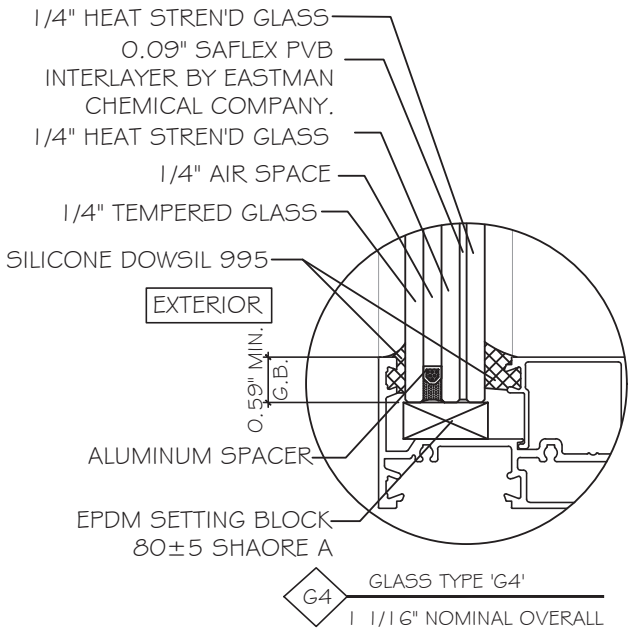
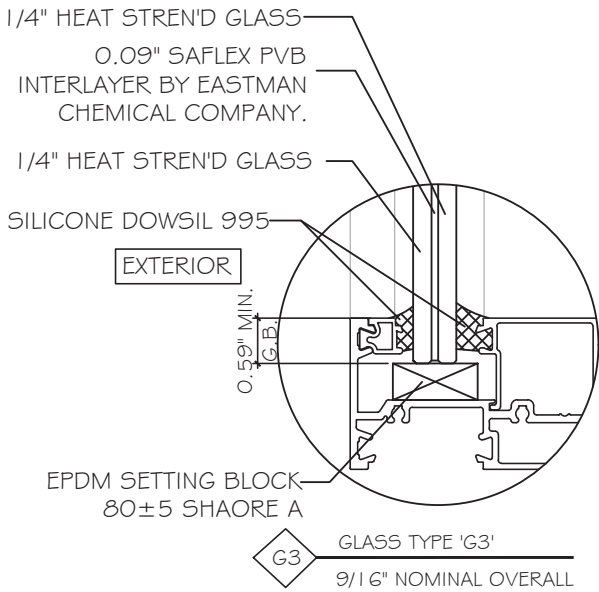
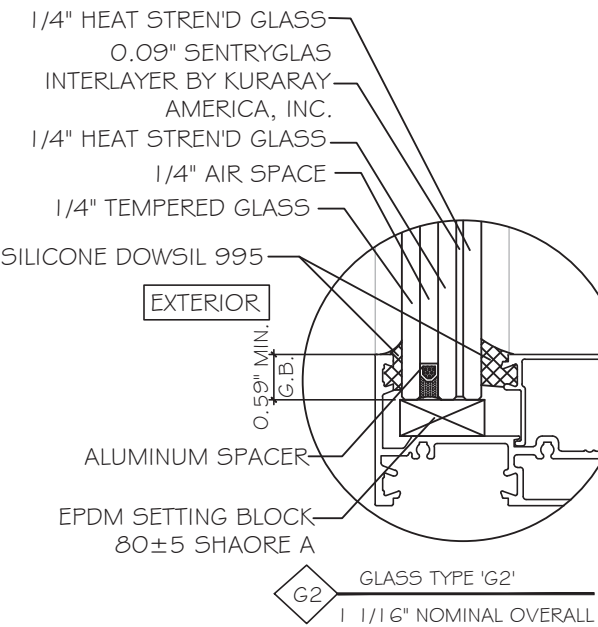
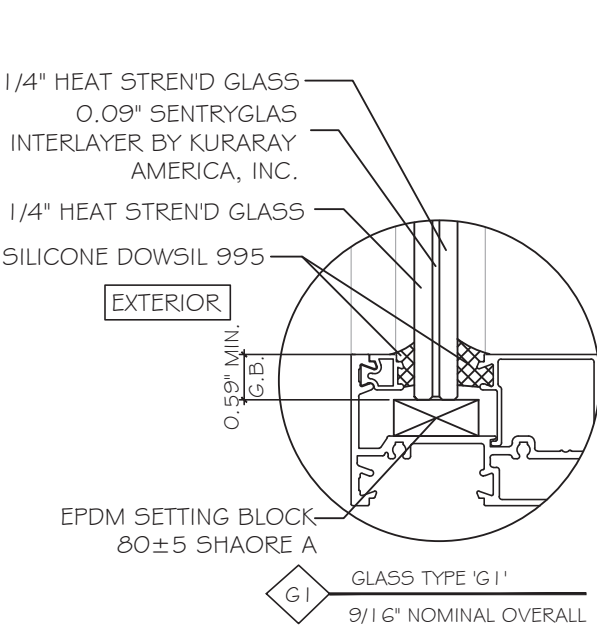
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AD25-01

E1

Sheet No.
2 OF 8

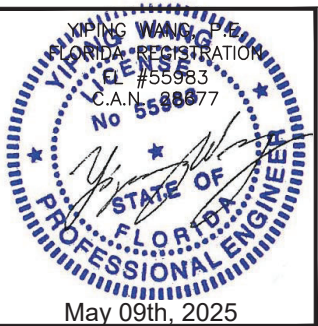
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
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MIRAMAR, FL 33027 P: 305 271-0117
www.MCYEngineering.com mcy@mcyengineering.com



NOTE:
GLASS COMPLIES WITH ASTM E1300-09
(3 SEC. GUSTS).

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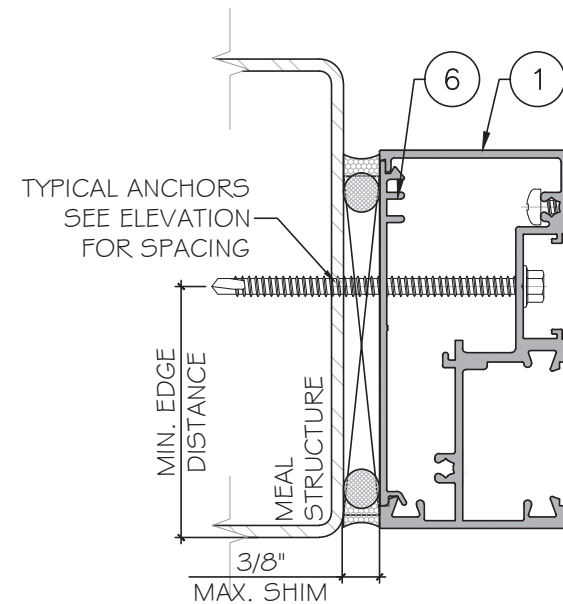
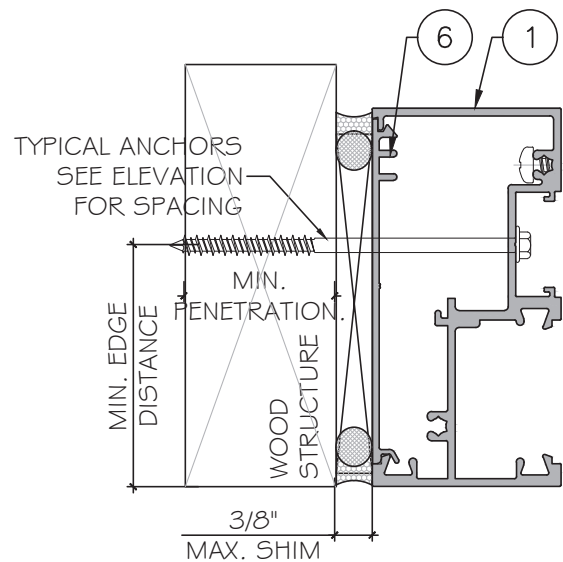
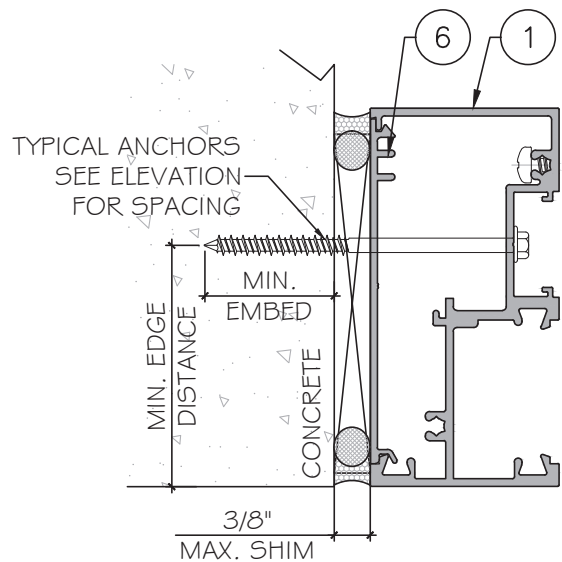
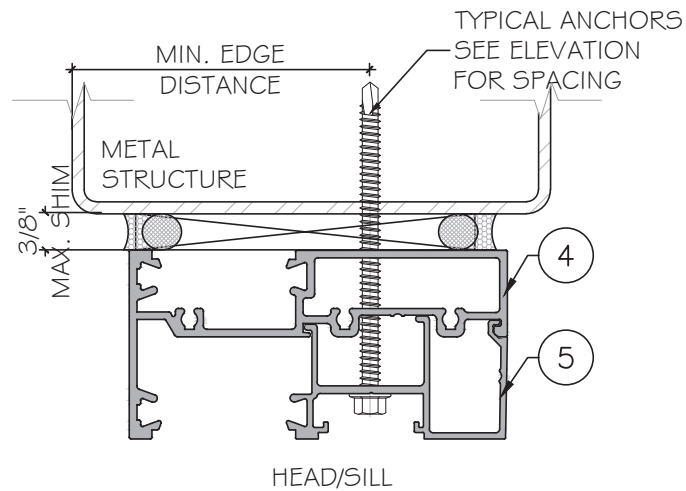
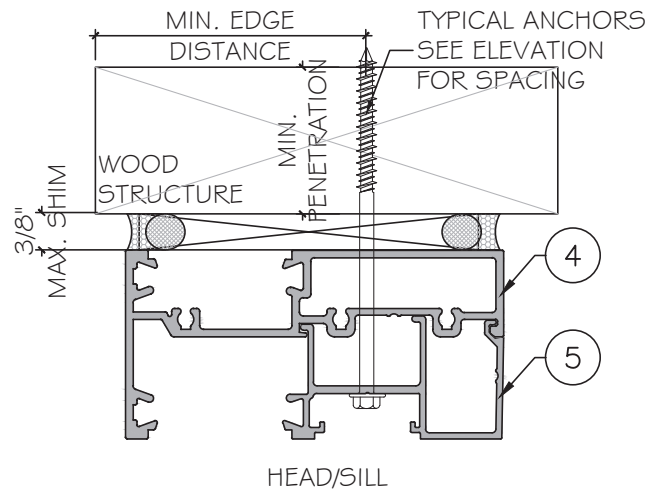
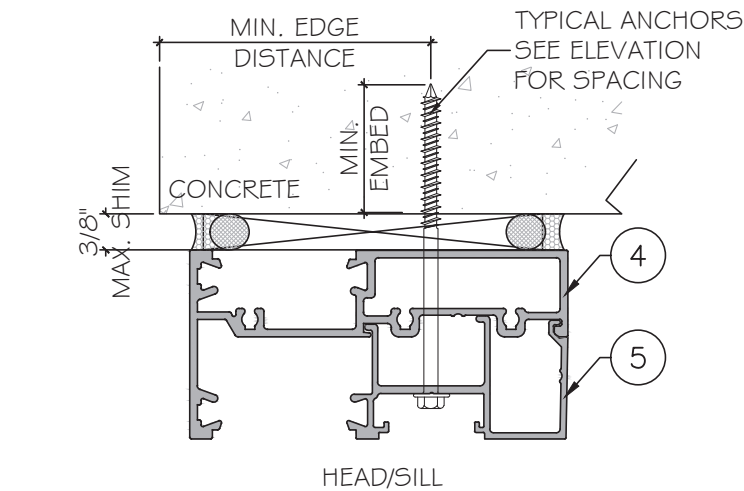


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MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301
MIRAMAR, FL 33027 P: 305 271-0117
www.MCYEngineering.com mcy@mcyengineering.com



TYPICAL ANCHOR TYPES:
SEE ELEVATIONS FOR SPACING

TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u = 164$ KSI, $F_y = 148$ KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
WITH 1 1/2" MIN. PENETRATION INTO WOOD (HEAD/ SILL/ JAMB)

TYPE "B": 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u = 164$ KSI, $F_y = 148$ KSI)
WITH 1 3/4" MIN. EMBED INTO CONCRETE. (HEAD/ SILL/ JAMB)
WITH 1 3/4" MIN. EMBED INTO GROUT FILLED BLOCK. (JAMB ONLY)

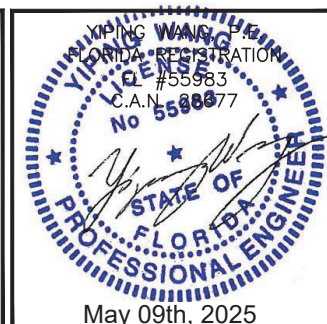
TYPE "C": 1/4" TEKS OR SELF DRILLING SCREW(GRADE 5) ($F_u = 120$ KSI, $F_y = 90$ KSI)
INTO METAL STRUCTURE OR FLORIDA APPROVED MULLIONS. (HEAD/JAMB/SILL)
(3) THREAD MIN PENETRATION BEYOND METAL STRUCTURE.
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PANTED).

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

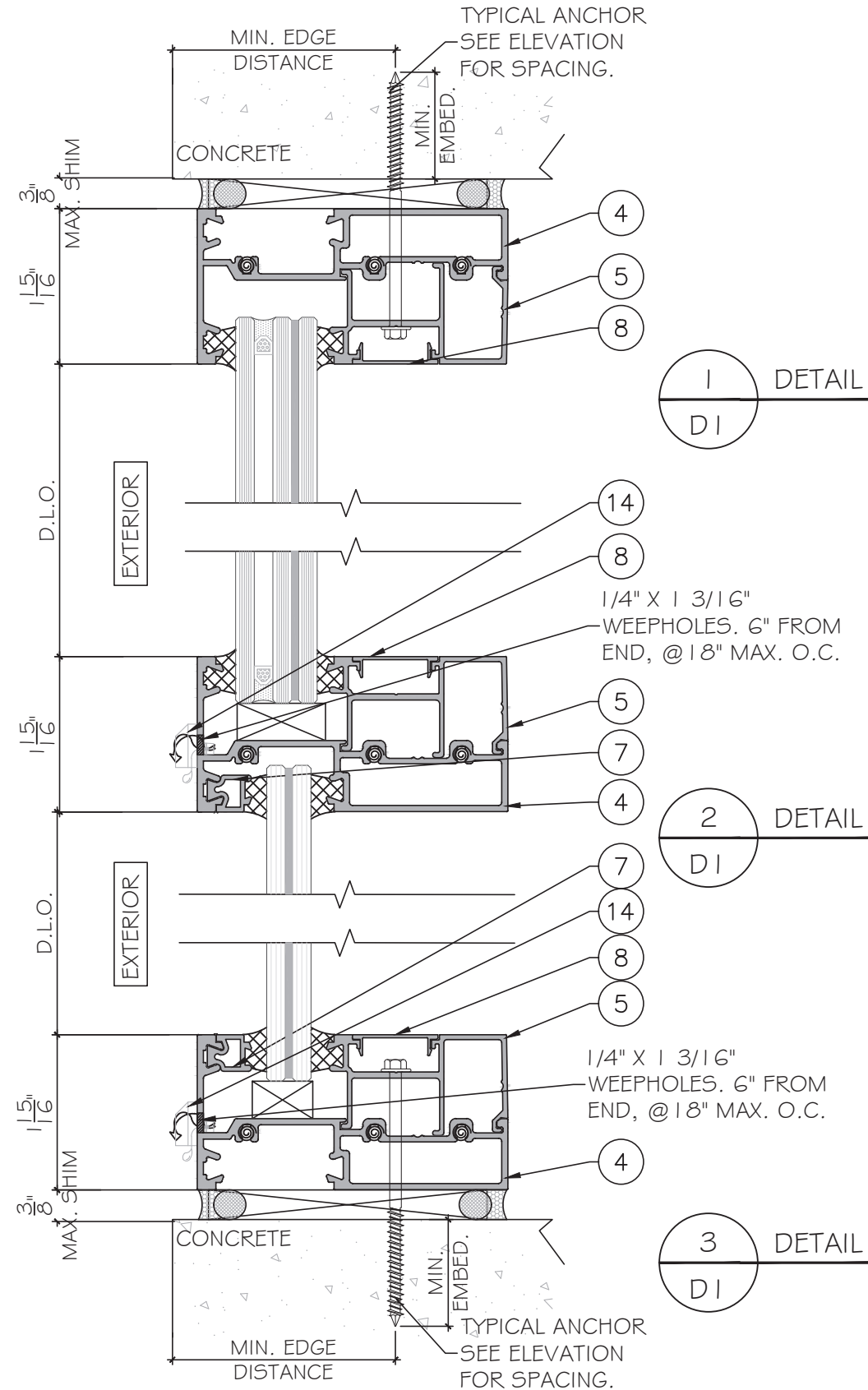
WOOD SG = 0.55 MIN.
CONCRETE $f'_c = 3000$ PSI MIN.
C-90 GROUT FILLED BLOCK AT JAMBS, $f'_m = 2$ ksi MIN.
STEEL: 12 GA. MIN. ($F_y = 36$ KSI MIN.)
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

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

NOTE: WOOD /METAL STRUCTURES BY OTHERS TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



Rev. No.	Date	Drawn By	Description
01	05.09.2025	James	NEW PRODUCT APPLICATION
Drawing No. AD25-01			
Sheet No. 4 OF 8			



MIAMI DADE COUNTY

PRODUCT APPROVED
As complying with the Florida Building Code
NOA-No. **25-0415-01**
Approval Date: **06/12/2025**
By: *Manuel Perez*
Miami-Dade Product Control

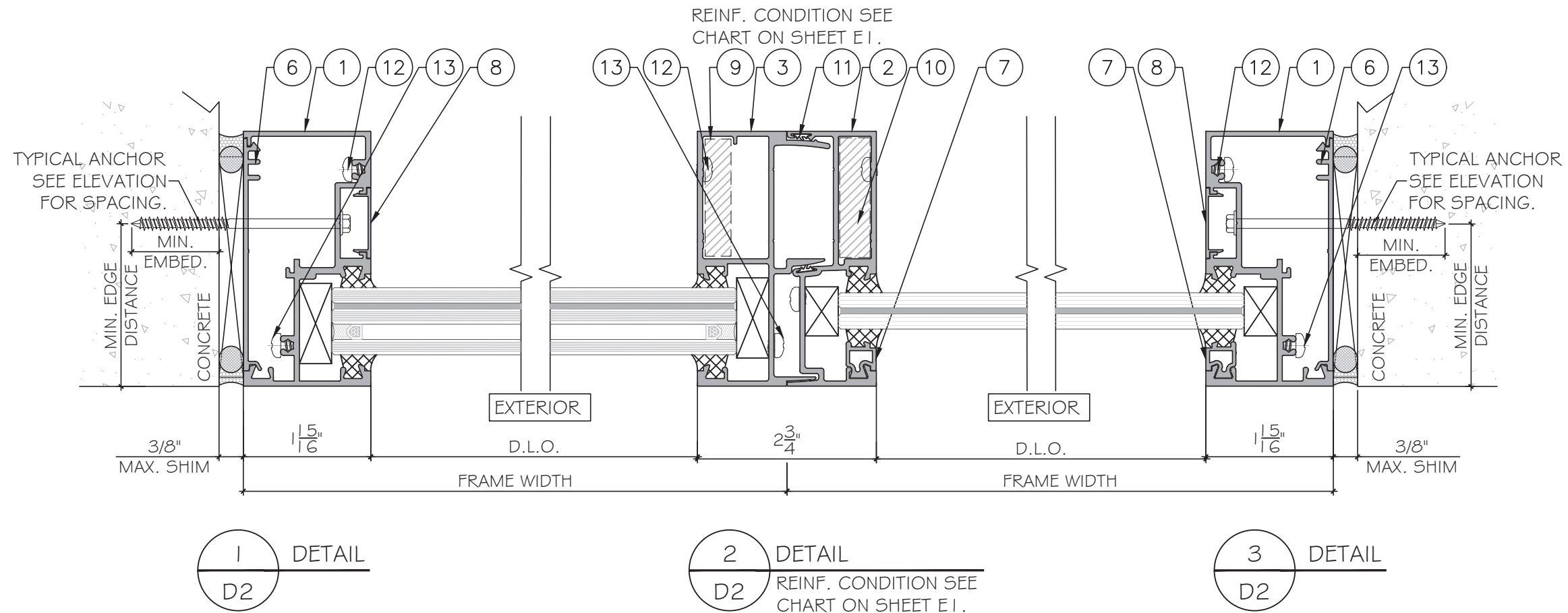


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www.MCYEngineering.com mcy@mcyengineering.com

SPA100 FIXED WINDOW SYSTEM - L.M.I.

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
Shanghai, China
TEL.86 021-5822 0630 CELL.86 135-8572-3609

Drawn Date 05.09.2025	SCALE AS SHOWN
DRAWING NO. AD25-01	
Sheet No. 5 OF 8	



MIAMI DADE COUNTY

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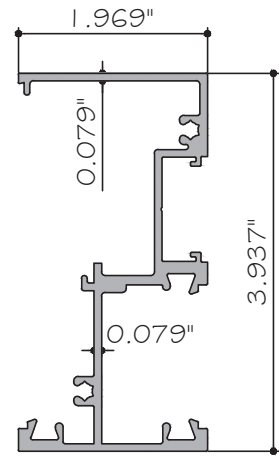
YIPING WANG
FLORIDA REGISTRATION
#55583
C.A.N. 8877
No 55583
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 09th, 2025

SPA100 FIXED WINDOW SYSTEM - L.M.I.
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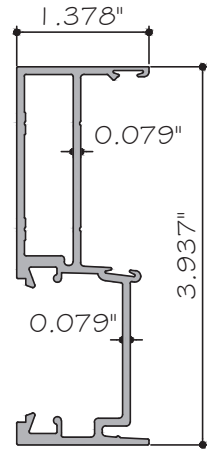
Rev. No.	Date	Drawn By	Description
01	05.09.2025	James	NEW PRODUCT APPLICATION

Drawn Date: 05.09.2025
SCALE: AS SHOWN
DRAWING NO.: AD25-01
Sheet No.: 6 OF 8

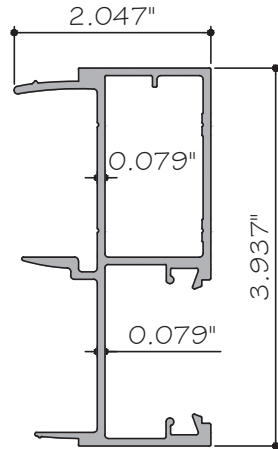
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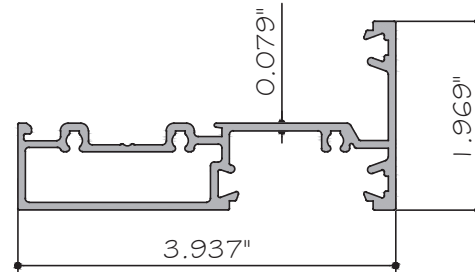
① FRAME
SPA10001A
ALUM.6063-T5



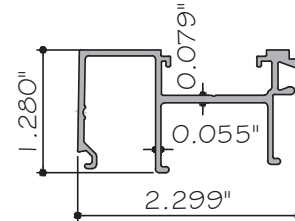
② FEMALE MULLION
SPA10002A
ALUM.6063-T6



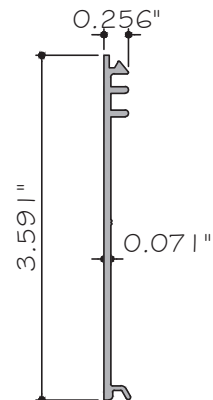
③ MALE MULLION
SPA10003A
ALUM.6063-T6



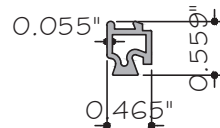
④ HEAD&SILL FRAME
SPA10004
ALUM.6063-T5



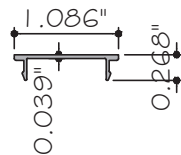
⑤ GLASS STOP
SPA10005A
ALUM.6063-T5



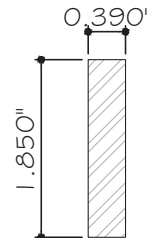
⑥ JAMB FILLER
SPA10007
ALUM.6063-T5



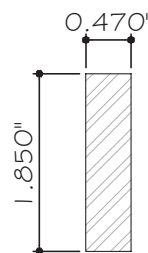
⑦ LAM GLASS POCKET
SPA10016
ALUM.6063-T5



⑧ COVER
SPA13006
ALUM.6063-T5



⑨ STEEL REINF.
STEEL. A36



⑩ STEEL REINF.
STEEL. A36

MIAMI DADE COUNTY

PRODUCT APPROVED
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Approval Date: **06/12/2025**
By: *Manuel Perez*
Miami-Dade Product Control



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01	05.09.2025	James	NEW PRODUCT APPLICATION

Drawn Date
05.09.2025

SCALE
AS SHOWN

DRAWING NO.

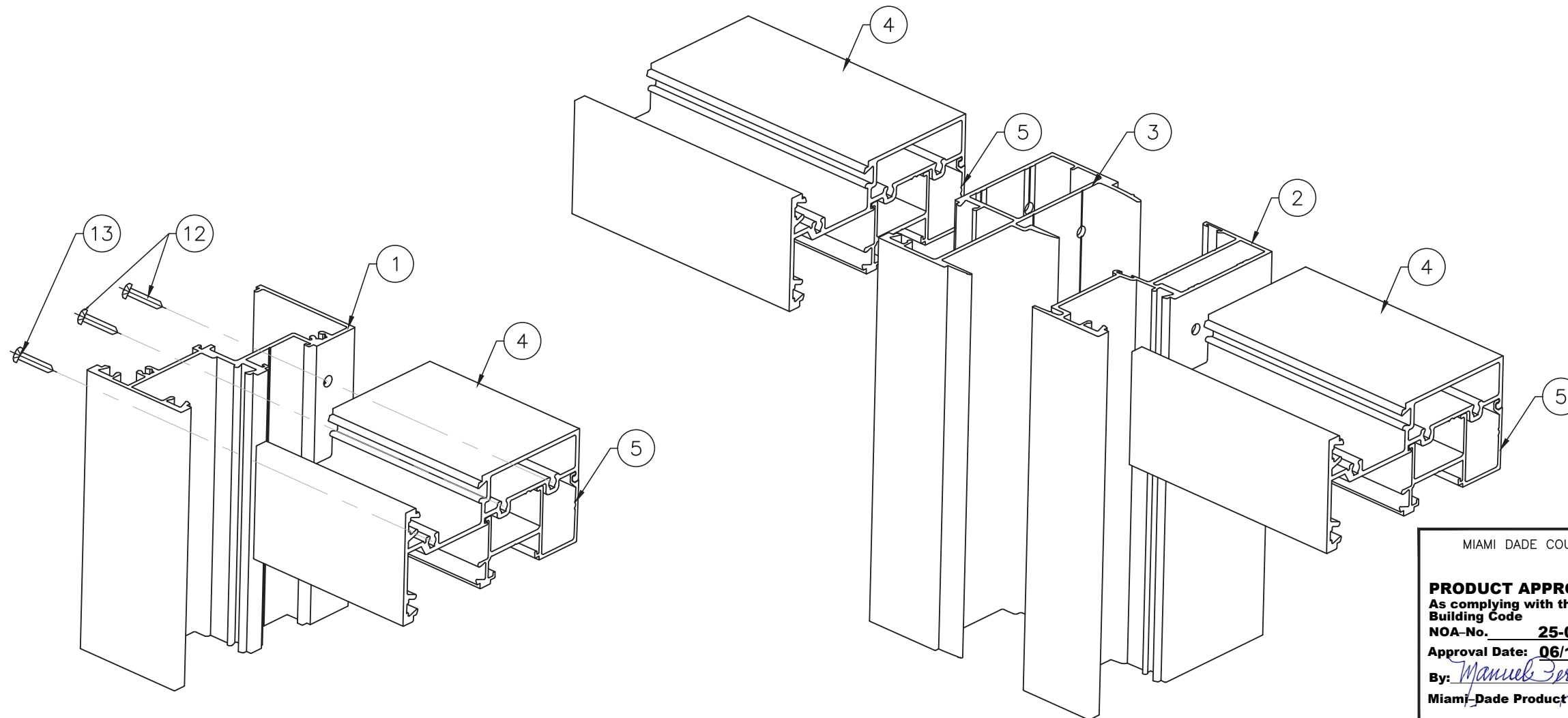
AD25-01

PART

Sheet No.
7 OF 8

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MIRAMAR, FL 33027 P: 305 271-0117
www.MCYEngineering.com mcy@mcyengineering.com

BILL OF MATERIALS			
ITEM	PART	DESCRIPTION	MATERIAL
1	SPA10001A	FRAME	ALUM. 6063-T5
2	SPA10002A	FEMALE MULLION	ALUM. 6063-T6
3	SPA10003A	MALE MULLION	ALUM. 6063-T6
4	SPA10004	HEAD&SILL FRAME	ALUM. 6063-T5
5	SPA10005A	GLASS STOP	ALUM. 6063-T5
6	SPA10007	JAMB FILLER	ALUM. 6063-T5
7	SPA10016	LAM GLASS POCKET	ALUM. 6063-T5
8	SPA13006	COVER	ALUM. 6063-T5
9	-	0.39" x 1.850" STEEL REINF	STEEL. A36.
10	-	0.47" x 1.850" STEEL REINF	STEEL. A36.
11	SBWG-26162	EPDM GASKET . DUROMETER 70±5 SHORE A	EPDM
12	-	ASSEMBLY SCREW #12 X 1 1/4". S.S. SCREW	410 STAINLESS STEEL
13	-	ASSEMBLY SCREW #12 X 2 3/8". S.S. SCREW	410 STAINLESS STEEL
14	WHCO1	WEEP HOLE COVER	-
15	-	EPDM SETTING BLOCK, 1 5/32" X 1". 80±5 SHORE A.	EPDM
16	-	SILICONE DOWSIL 995	SILICONE



MIAMI DADE COUNTY

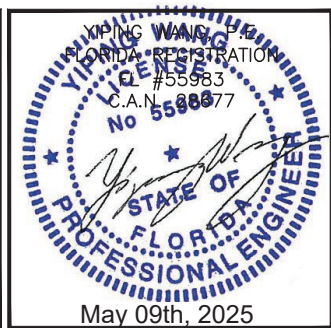
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Shanghai, China
630 CELL 86 135

600C-7 / C9-C1 09:7730 0C00 770C-1 70 09:731

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