



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
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Taixing Sainty Industry Co., Ltd.
ST Aluminum, Baogou Town Industry, Tengzhou City
Zaozhuang, Shandong, 277000 China

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 "STOSW2 Thermal Break" Outswing Aluminum Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD26-10**, titled "STOSW2 Thermal Break Casement Window - LMI", sheets 1 through 8 of 8, dated 02/06/26, with revision #02 dated 06/01/26, 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.

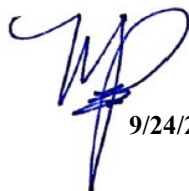
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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.**




9/24/26

NOA No. 26-0330.02
Expiration Date: October 01, 2031
Approval Date: October 01, 2026
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 26-0330.02)
2. Drawing No. **AD26-10**, titled "STOSW2 Thermal Break Casement Window - LMI", sheets 1 through 8 of 8, dated 02/06/26, with revision #02 dated 06/01/26, 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) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a STOSW2 aluminum casement window, prepared by Intertek, Inc., Test Report No. **260616014SHF-001**, dated 08/18/26, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 8th Edition (2023), dated 02/09/26, 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)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 26-0330.02
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E. MATERIAL CERTIFICATIONS

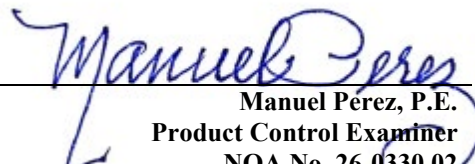
1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.
2. Test report No. **PRI-TEB-001-02-01**, prepared by PRI Construction Materials Technologies LLC., dated 11/09/06, with revision date 08/28/18, issued to Technoform Bautech, for their **PA66GF25 (Polyimide 6.6 w/ 25% glass fill) material** comprised of **Polyamide with 25% glass fibers**, per **ASTM G 155-13**, “*Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of /Non-Metallic Materials*”, per **ASTM D638-14** “*Standard Test Methods for Tensile Properties of Plastics*”, for exposed & unexposed sample per Xenon Arc after 4500 Hours, **ASTM D1929-16** “*Standard Test Method for Determining Ignition Properties of Plastics*”, **ASTM D635-14** “*Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position*”, and **ASTM D2843-16** “*Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics*”, signed and sealed by Zachary R. Priest, P.E., Director.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated February 09, 2026, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated February 09, 2026, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
3. Distributor Agreement between Taixing Sainty Industry Co., Ltd., ST Aluminum, Baogou Town Industry, Tengzhou City, Zaozhuang 27700, Shandong, China and Tylo Development Partners, LLC, 1749 NE 39th Street, Oakland Park, FL 33334, USA, dated February 13, 2026, signed by Frank Liu and Luis Monje, respectively.

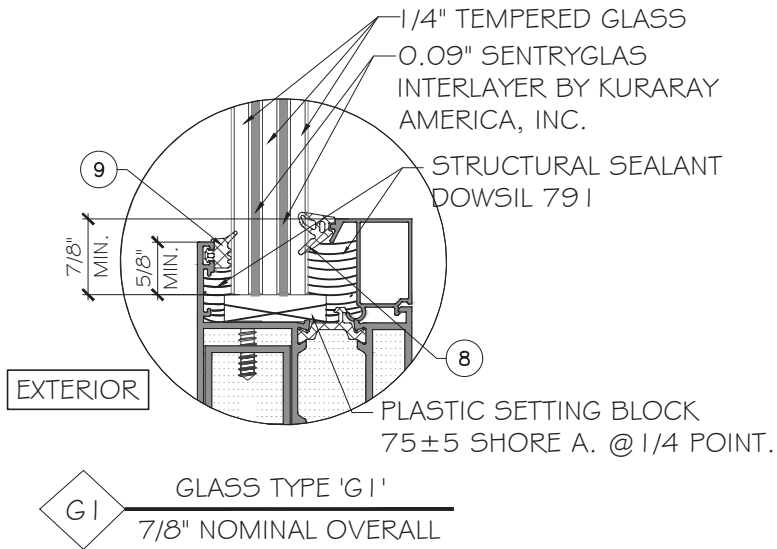
G. OTHERS

1. None.


Manuel Pérez, P.E.
Product Control Examiner
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The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.

TAIXING SAINTY INDUSTRY CO., LTD
STOSW2 THERMAL BREAK CASEMENT WINDOW - LARGE MISSILE IMPACT



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

GENERAL NOTES:

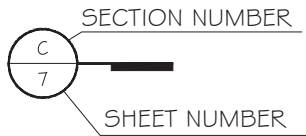
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED WHEN USED IN HVHZ.
- THESE WINDOWS ARE APPROVED FOR 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.
- ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.
- HARDWARE CHECKED FOR WIND LOAD IN CLOSED POSITION ONLY; OPERATION PER MANUFACTURER'S INSTRUCTIONS. WINDOWS MUST BE CLOSED AND SECURED WHEN A HURRICANE WARNING IS ISSUED.

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.
- STEP 2:** SEE SHEET E1 FOR TYPICAL WINDOW WALL ELEVATION AND CAPACITY.
- STEP 3:** SEE SHEET A1 FOR ANCHOR OPTIONS.
- STEP 4:** THE LOWEST VALUE RESULTING FROM STEPS 2 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THROUGH STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

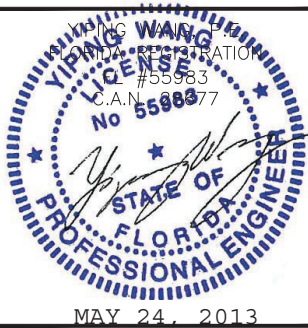
ABBREVIATIONS AND SYMBOLS

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. 26-0330.02
Approval Date: 10/01/2026
By: *Manuel Torres*
Miami-Dade Product Control



June 01st, 2026

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301
MIRAMAR, FL 33027 P: 305 588 5224
www.MCYEngineering.com mcy@mcyengineering.com

STOSW2 THERMAL BREAK CASEMENT WINDOW - LMI
TAIXING SAINTY INDUSTRY CO., LTD
ST ALUMINUM, BAOGOU TOWN
TENGZHOU, ZAOZHUANG, SHANDONG 277000
EMAIL: info@staluminum.com

Rev. No.	Date	Drawn By	Description
02	06.01.2026	James	NEW PRODUCT APPLICATION
01	02.06.2026	James	NEW PRODUCT APPLICATION

Drawn Date: 06.01.2026
SCALE: AS SHOWN

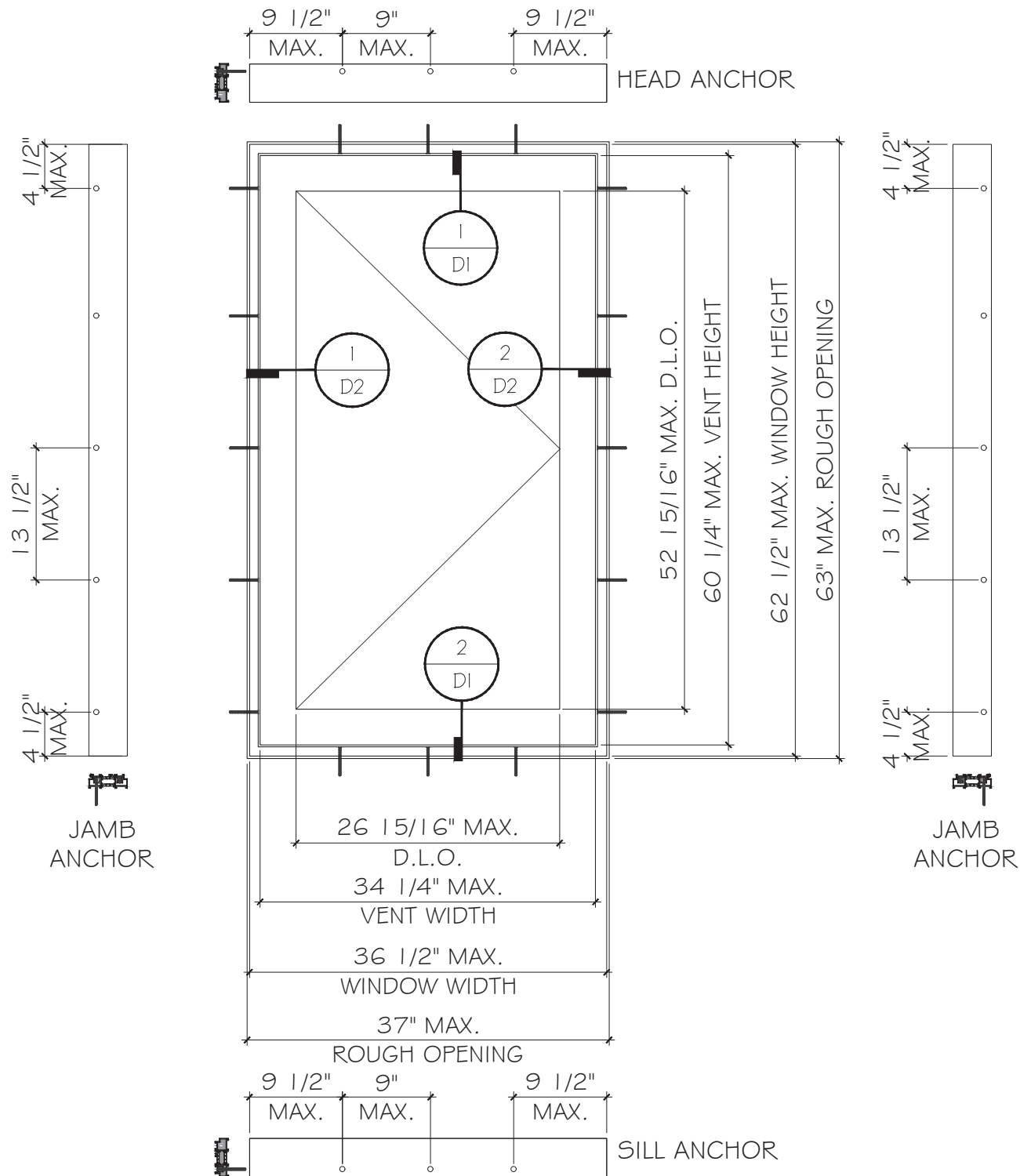
DRAWING NO.

AD26-10

COVER

Sheet No.

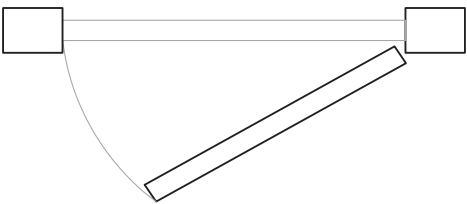
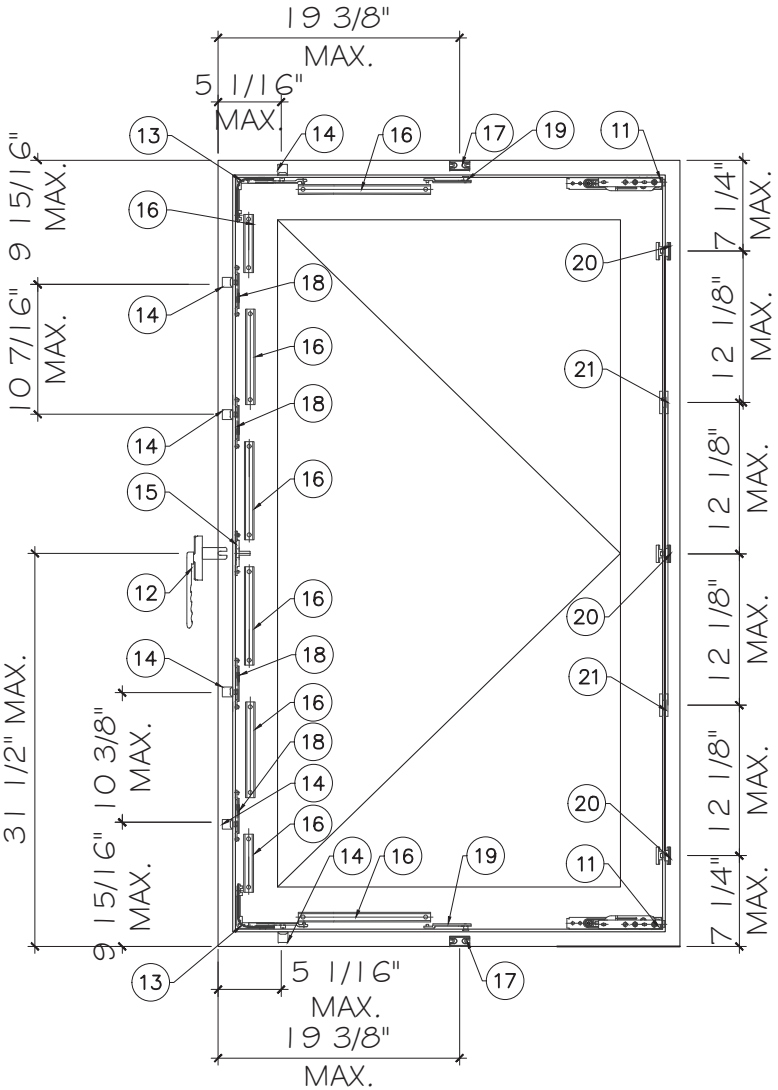
1 OF 8



TYPICAL EXTERIOR ELEVATIONS

MAX. DESIGN LOAD - PSF.
+75/-75

NOTE: FOR SIZE AS SHOWN OR
SMALLER AS PERMITTED BY FBC.
SEE SHEET A1 FOR ANCHOR OPTION.



EXTERIOR

HARDWARE LAYOUT

MIAMI DADE COUNTY

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Miami-Dade Product Control

YIPANG WANG
Professional Engineer
No 55983
MAY 24, 2013
June 01st, 2026

STOSW2 THERMAL BREAK CASEMENT WINDOW - LMI

TAXING SAINTY INDUSTRY CO., LTD

ST ALUMINUM, BAOGOU TOWN

TENGZHOU, ZAOZHUANG, SHANDONG 277000

EMAIL: info@staluminum.com

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Drawn Date 06.01.2026	SCALE AS SHOWN
DRAWING NO. AD26-10	
E1	
Sheet No. 2	

TYPICAL ANCHOR TYPES:
SEE ELEVATIONS FOR SPACING

TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu= 164 KSI, Fy= 148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
WITH 1 1/2" MIN. PENETRATION INTO WOOD (HEAD/ SILL/ JAMB)

OR THRU 1 BY WOOD BUCK INTO CONCRETE OR BLOCKS
WITH 1 3/4" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMB)
WITH 1 3/4" MIN. EMBED INTO BLOCKS (JAMB ONLY)

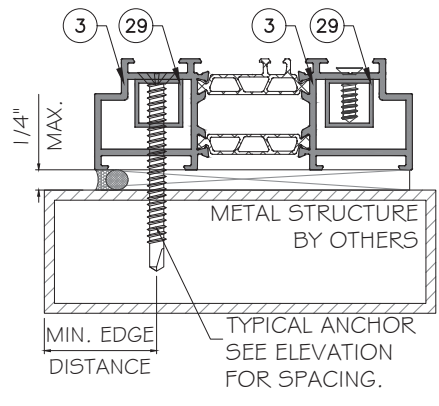
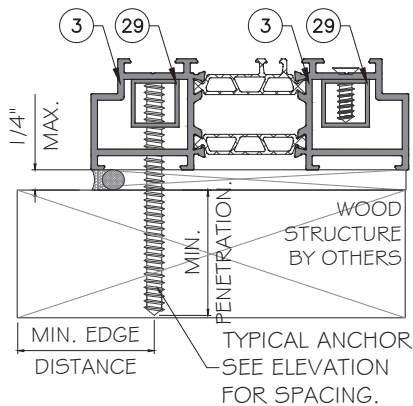
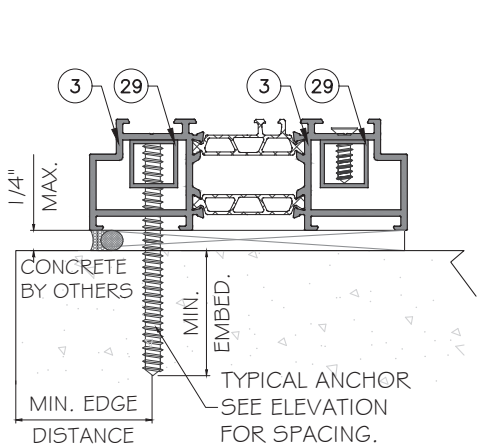
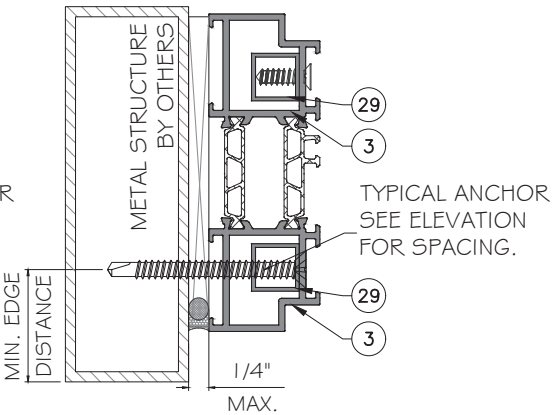
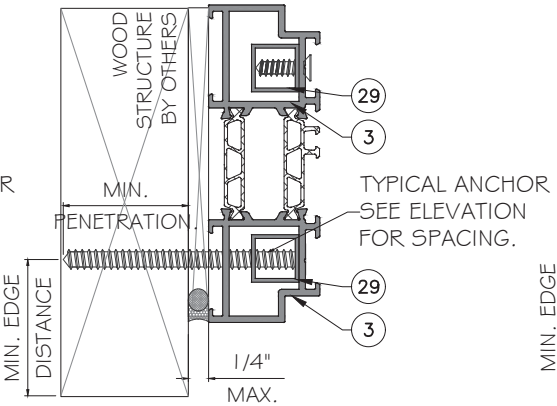
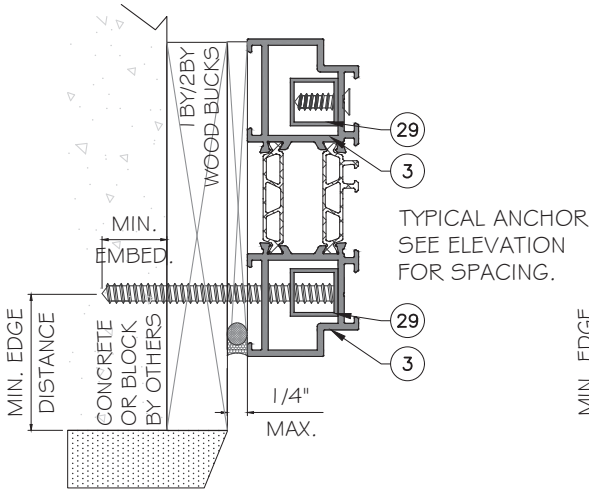
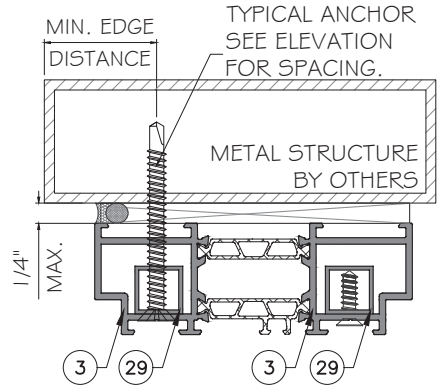
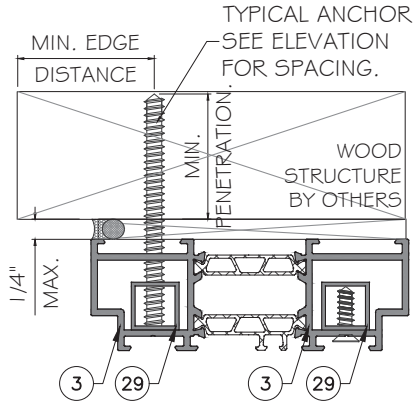
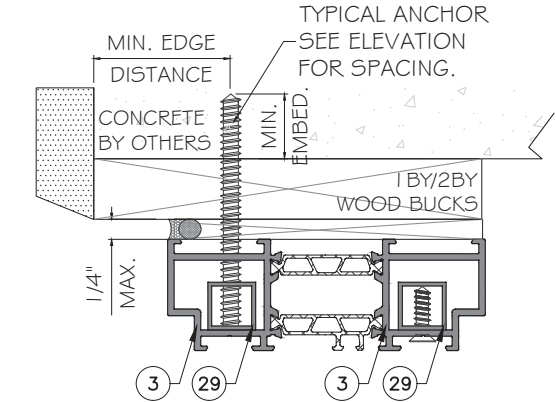
OR DIRECTLY INTO CONCRETE OR BLOCKS (GRADE 5 CRS)
WITH 1 3/4" MIN. EMBED INTO CONCRETE. (HEAD/ SILL/ JAMB/ SILL)
WITH 1 3/4" MIN. EMBED INTO HOLLOW OR GROUT FILLED BLOCKS. (JAMB ONLY)
WITH 1 3/4" MIN. PENETRATION BEYOND METAL STRUCTURE.

INTO FLORIDA APPROVED MULLIONS OR METAL STRUCTURES.

(3) TYPICAL ANCHOR EDGE DISTANCE:
(STEEL INTO CONCRETE OR BLOCKS = 1 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 =2KSI MIN.
STEEL: 12 GA. MIN. (Fy=36 KSI MIN.)
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

NOTE: WOOD BUCKS/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.



MIAMI DADE COUNTY

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Miami-Dade Product Control

YIPING WANG
REGISTERED
C.E.N. No. 55983
No. 55983

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

MAY 24, 2013
June 01st, 2026

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301
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www.MCYEngineering.com mcy@mcyengineering.com

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EMAIL: info@staluminum.com

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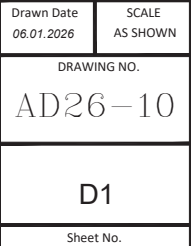
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06.01.2026

SCALE
AS SHOWN

DRAWING NO.
AD26-10

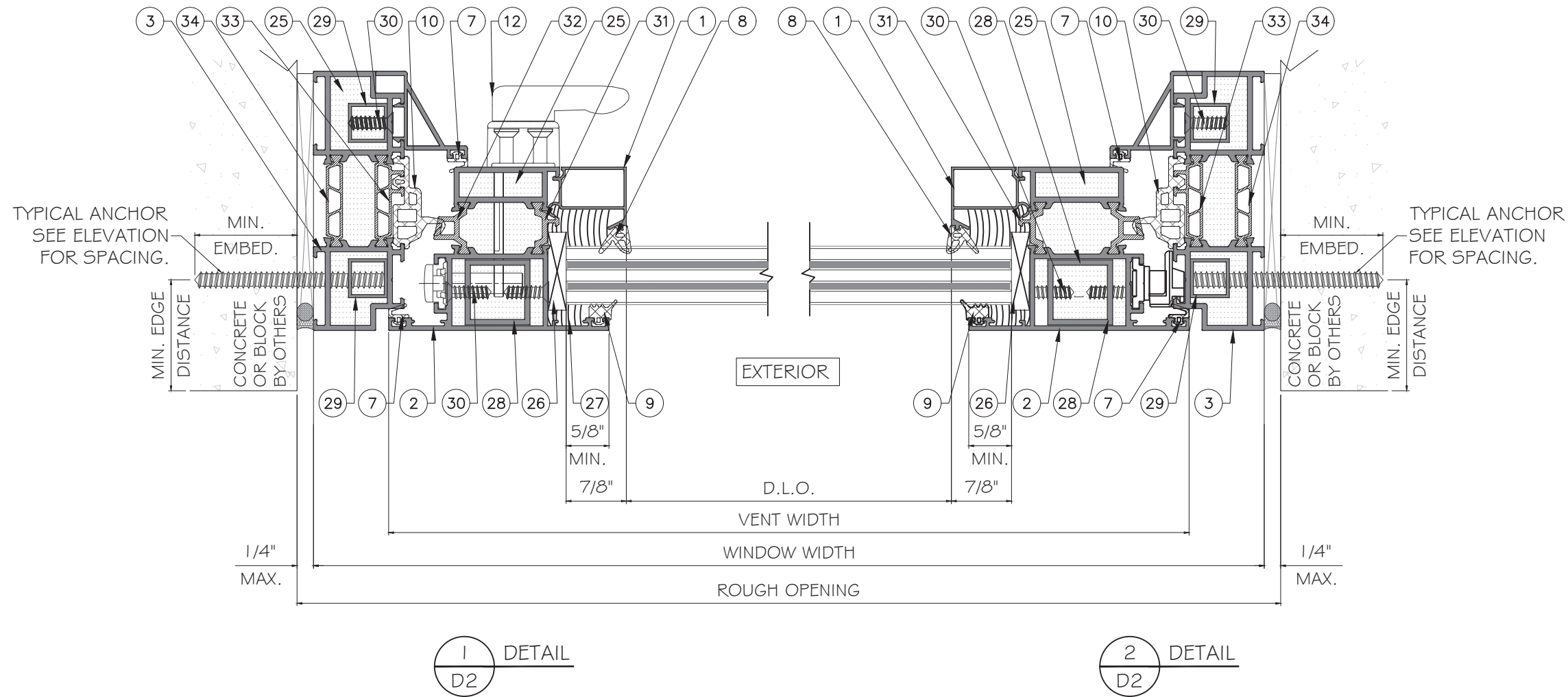
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3 OF 8

A1

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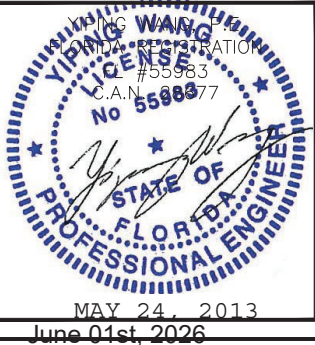
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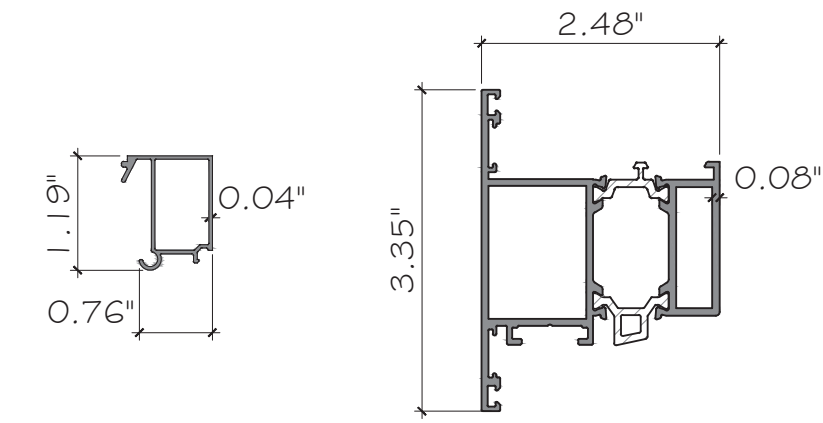
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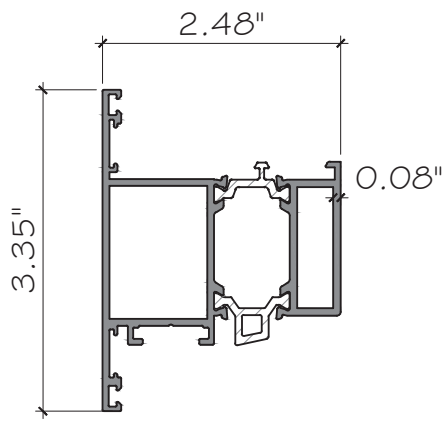
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DRAWING NO. AD26-10	
D2	
Sheet No. 5 OF 8	

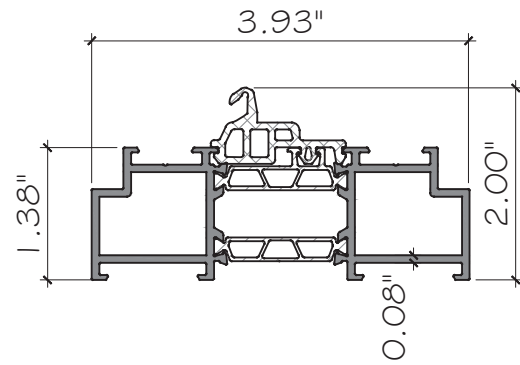
MCY ENGINEERING, INC.
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MIRAMAR, FL 33027 P: 305 588 5224
www.MCYEngineering.com mcy@mcyengineering.com



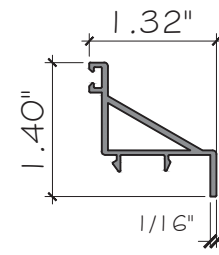
1 GLAZING BEAD
WL82-YX
ALUM.6063-T5



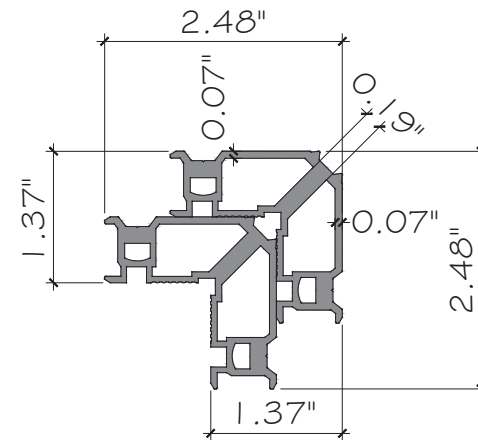
2 SASH HEAD/SILL/JAMB
GR110-3
ALUM.6063-T5



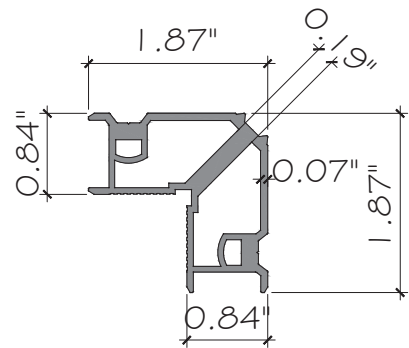
3 FRAME HEAD/SILL/JAMB
GR110-1
ALUM.6063-T5



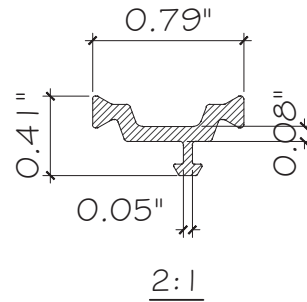
4 OUTSWING WINDOW STOPPER
GR100-36
ALUM.6063-T5



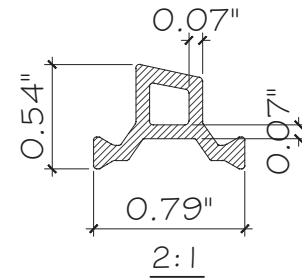
5a 5b CORNER KEY OF SASH HEAD/SILL/JAMB
FC17.8
ALUM.6063-T5



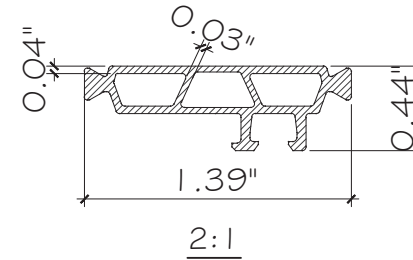
6 CORNER KEY OF FRAME HEAD/SILL/JAMB
FC21
ALUM.6063-T5



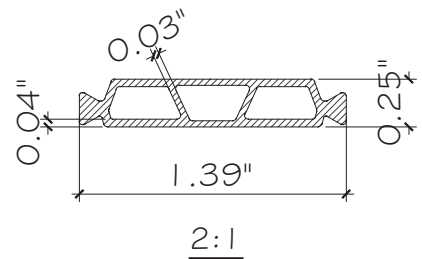
31 TECHNOFORM 25/32" X 1 3/32"
C20
POLYAMIDE 6.6 WITH 25% GLASS FIBER



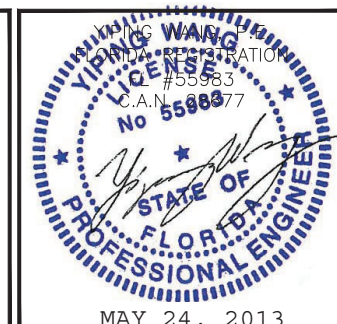
32 TECHNOFORM 25/32" X 1 7/32"
C20
POLYAMIDE 6.6 WITH 25% GLASS FIBER



33 TECHNOFORM 1 3/8" X 7/16"
HK35.3
POLYAMIDE 6.6 WITH 25% GLASS FIBER



34 TECHNOFORM 1 3/8" X 1/4"
HK35.3
POLYAMIDE 6.6 WITH 25% GLASS FIBER



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GLAZING CONSULTANTS
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www.MCYEngineering.com
mcy@mcyengineering.com

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01	02.06.2026	James	NEW PRODUCT APPLICATION

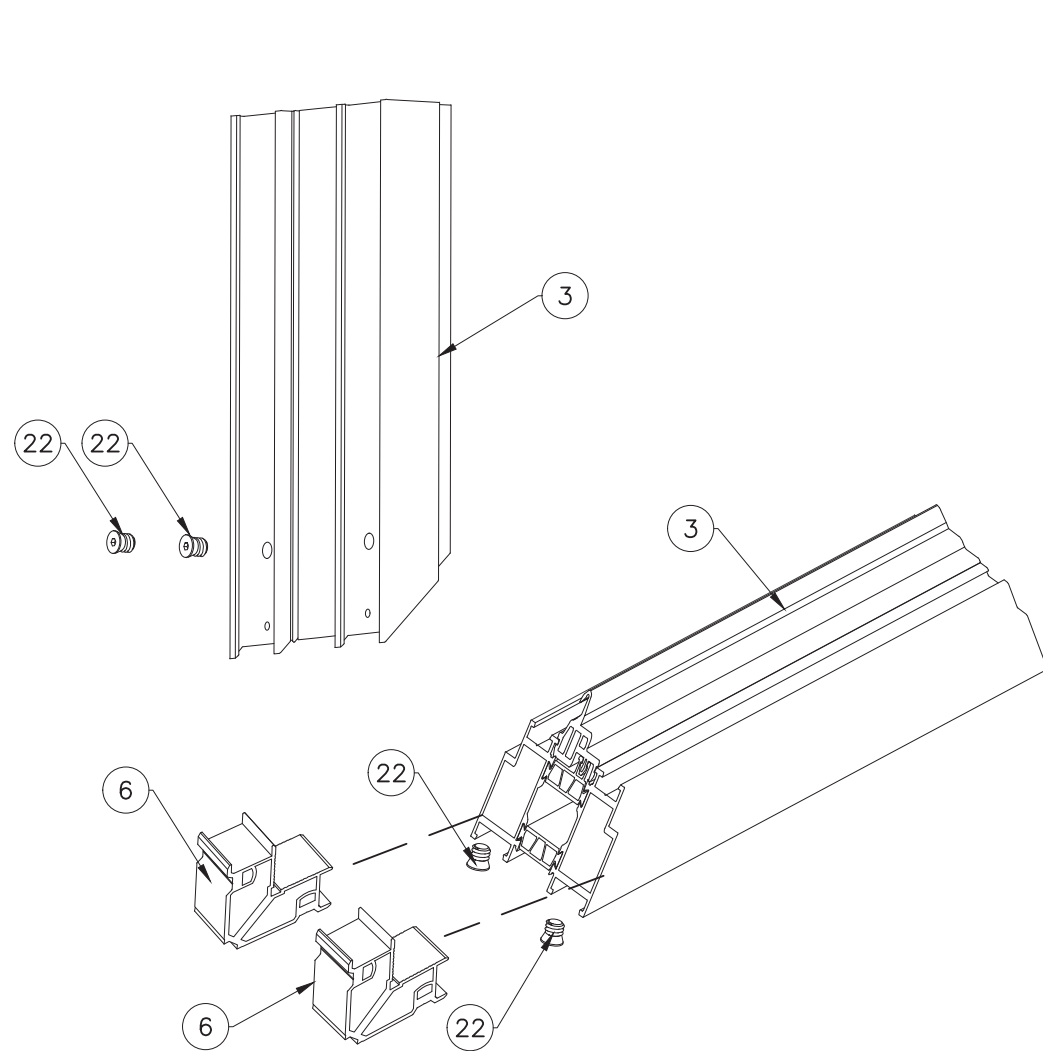
Drawn Date
06.01.2026

SCALE
AS SHOWN

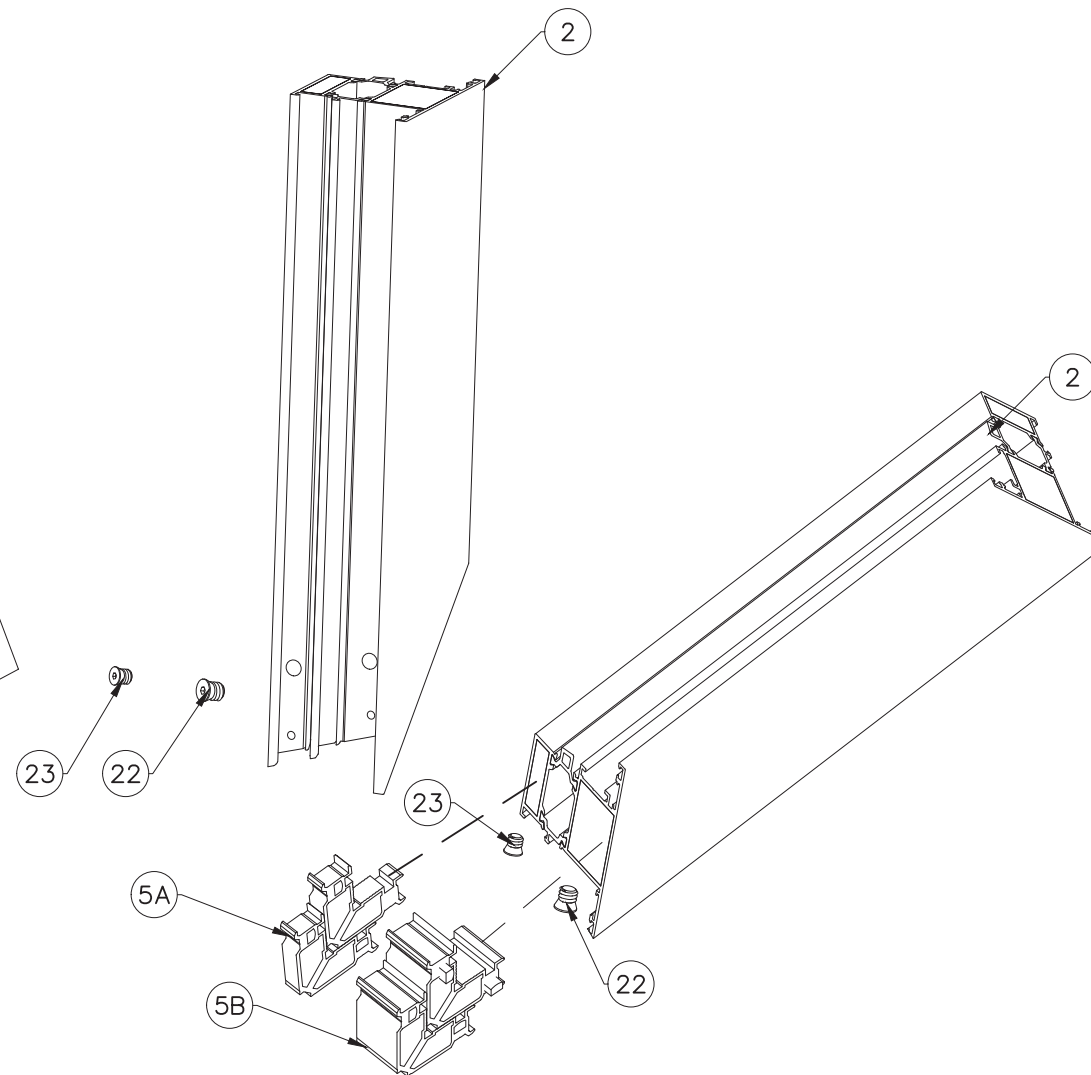
DRAWING NO.
AD26-10

PART

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OF 8



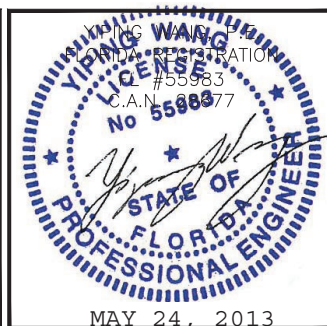
FRAME CORNER ISOMETRIC DETAIL



VENT CORNER ISOMETRIC DETAIL

MIAMI DADE COUNTY

PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. **26-0330.02**
Approval Date: **10/01/2026**
By: *Manuel Torres*
Miami-Dade Product Control



STOSW2 THERMAL BREAK CASEMENT WINDOW - LMI

TAXING SAINTY INDUSTRY CO., LTD
ST ALUMINUM, BAOGOU TOWN
TENGZHOU, ZAOZHUANG, SHANDONG 277000
EMAIL: info@staluminum.com

Rev. No.	Date	Drawn By	Description
02	06.01.2026	James	NEW PRODUCT APPLICATION
01	02.06.2026	James	NEW PRODUCT APPLICATION

Drawn Date
06.01.2026

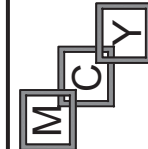
SCALE
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DRAWING NO.
AD26-10

ASSEMBLY

Sheet No.
7
OF **8**

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301
MIRAMAR, FL 33027 P: 305 588 5224
www.MCYEngineering.com mcy@mcyengineering.com



BILL OF MATERIALLS				
ITEM	PART	DESCRIPTION	MATERIAL	MATERIAL
1	WL82-YX	GLAZING BEAD	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
2	GR110-3	SASH HEAD/SILL/JAMB	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
3	GR110-1	FRAME HEAD/SILL/JAMB	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
4	GR100-36	OUTSWING WINDOW STOPPER	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
5a	FC17.8	CORNER KEY OF SASH HEAD/SILL/JAMB	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
5b	FC17.8	CORNER KEY OF SASH HEAD/SILL/JAMB	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
6	FC21	CORNER KEY OF FRAME HEAD/SILL/JAMB	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
7	NST03	SEALING STRIP	EPDM	TAIXING SAINTY INDUSTRY
8	NST01	GLASS GASKET (INTERIOR)	EPDM	TAIXING SAINTY INDUSTRY
9	NST02	GLASS GASKET (EXTERIOR)	EPDM	TAIXING SAINTY INDUSTRY
10	NST04	WEATHER STRIP	EPDM	TAIXING SAINTY INDUSTRY
11	BO40073	HINGE	STAINLESS STEEL SS316	CMECH
12	ZSWG132	HANDLE	ALUMINUM ALLOY. 6063-T5	KINLONG
13	ZA1	CORNER CONNECTOR	ZINC ALLOY A8	KINLONG
14	A100127	LOCK POINT SEAT	ZINC ALLOY A8	CMECH
15	ZCD75-L30	MAIN TRANSMISSION	ZINC ALLOY A8	KINLONG
16	STH0SW2	CONNECTING BAR	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
17	A100125-C320	ANTI-PRY LOCK SEAT	ZINC ALLOY A8	CMECH
18	A090009	MIDDLE TRANSMISSION	ZINC ALLOY A8	CMECH
19	A090048-C320	END TRANSMISSION	ZINC ALLOY A8	CMECH
20	LSK72	BACK LOCK 1	ZINC ALLOY A8	KINLONG
21	LSK76	BACK LOCK 2	ZINC ALLOY A8	KINLONG
22	-	1/4"*1/2"*5/16" CONNER KEY SCREW	STAINLESS STEEL SS304	VARIES
23	-	3/16"*1/2"*1/4" CONNER KEY SCREW	STAINLESS STEEL SS304	VARIES
25	-	URETHANE FOAM	-	-
26	-	GLASS BRACKET	PLASTIC	TAIXING SAINTY INDUSTRY
27	-	Dow Corning 791 SILICONE	SILICONE	DOW CORNING
28	-	STRENGTHEN STEEL TUBE 1"*1"*1/16"	STEEL Q235	TAIXING SAINTY INDUSTRY
29	-	STRENGTHEN ALUMINUM TUBE 9/16"*9/16"*1/16"	ALUMINUM ALLOY. 6063-T5	TAIXING SAINTY INDUSTRY
30	-	3/16"*5/8"*5/16" SCREWS (F _y ≥205MPA. F _u =594-620MPA)	SUS304	VARIES
31	C20	TECHNOFORM 25/32" X 13/32"	POLYAMIDE 6.6 WITH 25% GLASS FIBER	TECHNOFORM
32	C20	TECHNOFORM 25/32" X 17/32"	POLYAMIDE 6.6 WITH 25% GLASS FIBER	TECHNOFORM
33	HK35.3	TECHNOFORM 13/8" X 7/16"	POLYAMIDE 6.6 WITH 25% GLASS FIBER	TECHNOFORM
34	HK35.3	TECHNOFORM 13/8" X 1/4"	POLYAMIDE 6.6 WITH 25% GLASS FIBER	TECHNOFORM

MIAMI DADE COUNTY

PRODUCT APPROVED

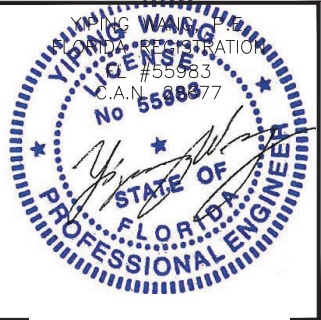
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NOA-No. 26-0330.02

Approval Date: 10/01/2026

By: *Manuel Torres*

Miami-Dade Product Control



Drawn Date 06.01.2026	SCALE AS SHOWN
DRAWING NO. AD26-10	
BOM	
Sheet No. 8 OF 8	

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