



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](http://www.miamidade.gov/economy)

**Custom Window Systems, Inc.**

**1900 SW 44<sup>th</sup> Avenue**

**Ocala, FL 34474**

### 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 "7100 (Flange Frame)" Aluminum Single Hung Window – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **CWS-1261**, titled "7100 Aluminum Single Hung - Flange Small Missile Impact", sheets 1 through 5 of 5, dated 08/13/25, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, 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: Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Medley, Florida, 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.

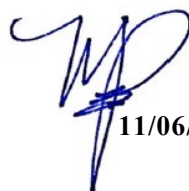
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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.**



  
11/06/25

**NOA No. 25-1015.02**  
**Expiration Date: November 13, 2030**  
**Approval Date: November 13, 2025**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **CWS-1261**, titled "7100 Aluminum Single Hung - Flange Small Missile Impact", sheets 1 through 5 of 5, dated 08/13/25, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

**B. TESTS**

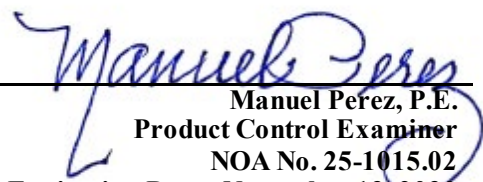
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
5) Small Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series 7100 aluminum single hung window, prepared by QAI Laboratories, Test Report No. **21-1264cR1**, dated 09/04/25, signed and sealed by Idalmis Ortega, P.E.
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Small Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum single hung window equal leg, prepared by QAI Laboratories, Test Report No. **MED-944aR1**, dated 09/04/25, signed and sealed by Idalmis Ortega, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC 8<sup>th</sup> Edition (2023), dated 10/08/25, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
2. Glazing complies with **ASTM E1300-16**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 25-1015.02  
Expiration Date: November 13, 2030  
Approval Date: November 13, 2025

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

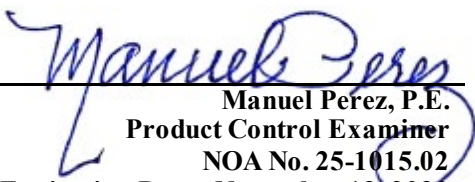
1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0713.18** issued to **Eastman Chemical Company (MA)** for their “**Saflex® PVB Clear and Colored Interlayers for Laminated Glass**” dated 08/17/23, expiring on 05/21/26.

**F. STATEMENTS**

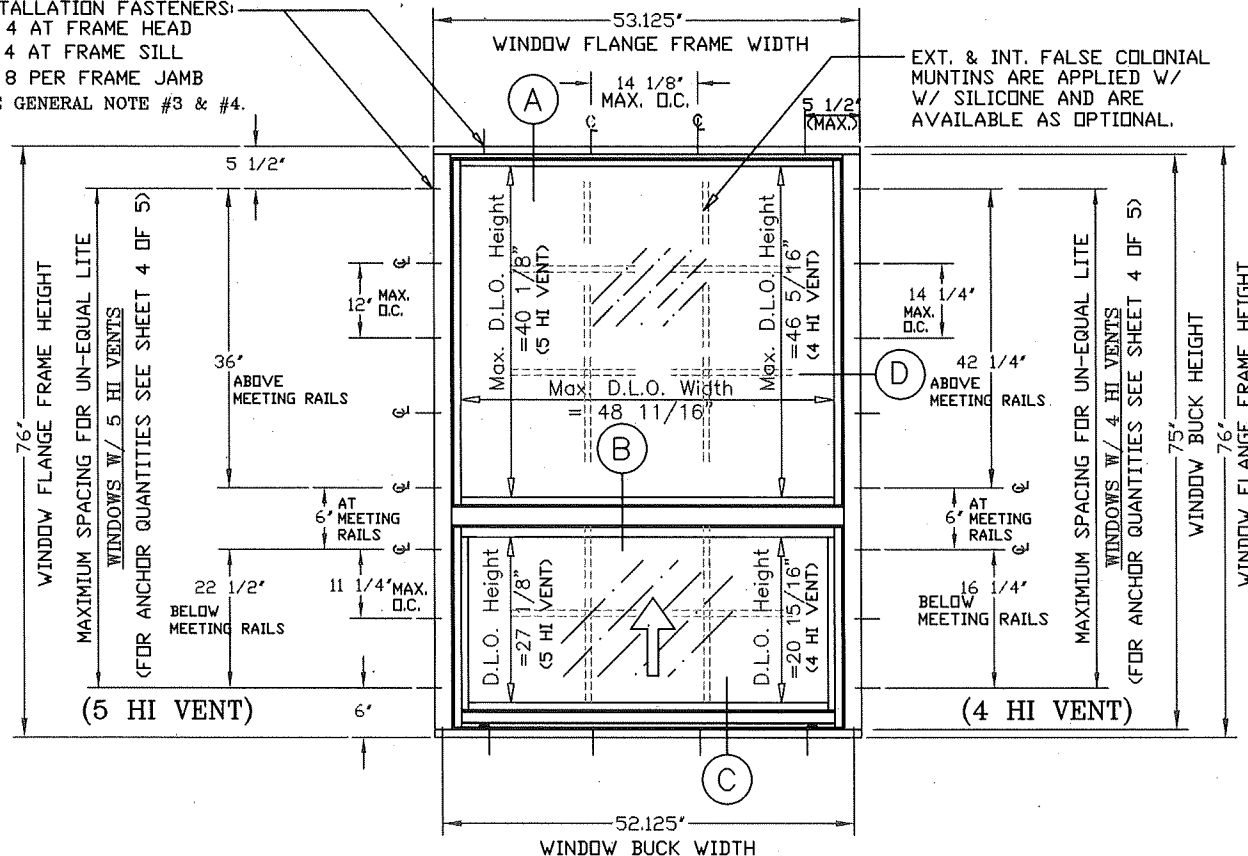
1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, dated October 7, 2025, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
2. Statement letter of no financial interest, dated October 7, 2025, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
3. Proposal No. **16-1467** issued by the Product Control Section, dated December 13, 2016, signed by Manuel Perez, P.E.

**G. OTHERS**

1. None.

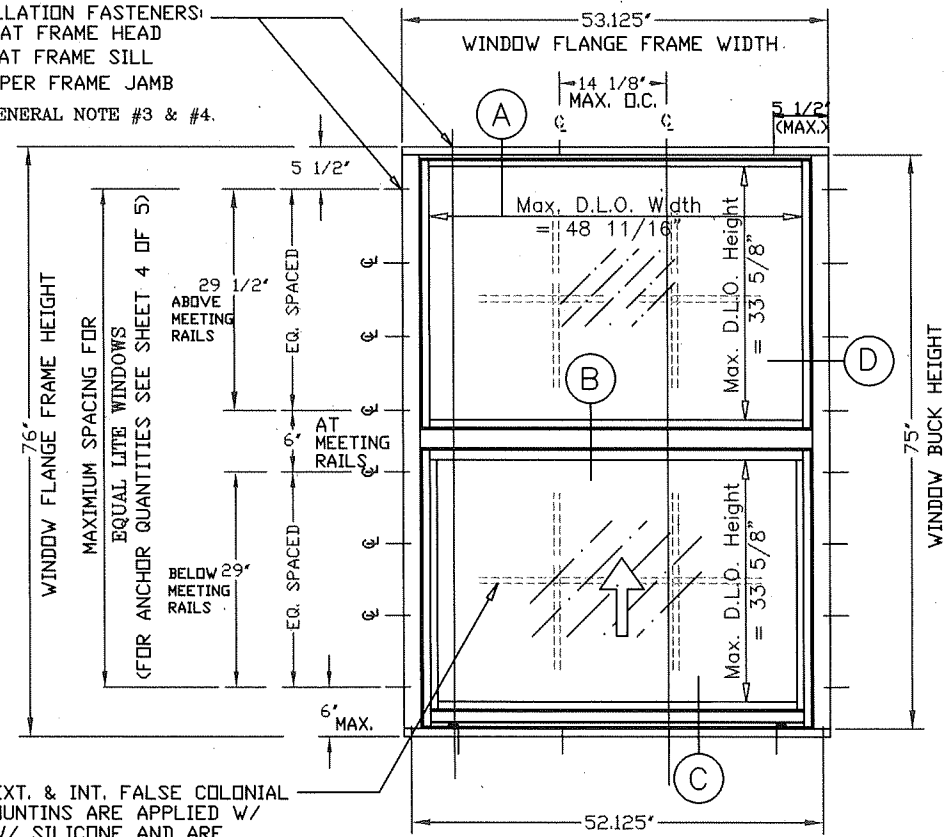
  
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**Manuel Pérez, P.E.**  
**Product Control Examiner**  
**NOA No. 25-1015.02**  
**Expiration Date: November 13, 2030**  
**Approval Date: November 13, 2025**

(\*) INSTALLATION FASTENERS:—  
(A) 4 AT FRAME HEAD  
(C) 4 AT FRAME SILL  
(D) 8 PER FRAME JAMB  
\* SEE GENERAL NOTE #3 & #4.



UN-EQUAL LITE ELEVATION  
(LIMITED TO LOADS ON SHEET 4 OF 5)

(\*) INSTALLATION FASTENERS: —  
(A) 4 AT FRAME HEAD  
(C) 4 AT FRAME SILL  
(D) 8 PER FRAME JAMB  
\* SEE GENERAL NOTE #3 & #4.



EQUAL LITE ELEVATION  
(LIMITED TO LOADS ON SHEET 4 OF 5)

SERIES: 7100

## SMALL MISSILE IMPACT SINGLE HUNG WINDOW - FLANGE FRAME

General Notes:

- 1.) THIS WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (2023-8th Edition) INCLUDING HIGH VELOCITY HURRICANE ZONE VELOCITY (HVHZ) AND ASTM 1300-16. THIS PRODUCT IS IMPACT RESISTANT. (SHUTTERS NOT REQUIRED ABOVE 30FT. ELEV.)
- 2.) WOOD BUCKS SHALL BE INSTALLED AND ANCHORED SO THAT THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH THE REQUIREMENTS OF THE F.B.C. & TO BE REVIEWED BY BUILDING OFFICIAL.
- 3.) ANCHORS SHOWN ON THE ELEVATIONS ARE AS PER TEST UNITS. ANCHORS ON ALL WINDOW SIZES ARE NOT TO EXCEED THESE MAXIMUM SPACINGS ON CENTER (O.C.) AND JAMBS AS TABULATED ON SHEET 3.
- 4.) ANCHOR CONDITIONS NOT DESCRIBED IN THESE DRAWING'S ARE TO BE ENGINEERED ON A SITE SPECIFIC BASIS, UNDER SEPARATE APPROVAL AND TO BE REVIEWED BY BUILDING OFFICIAL.
- 5.) WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE LAMINATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4), AND FOR USE WITH DOUBLE GLAZE LAMINATED INSULATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).
- 6.) SEE SHEET 4 FOR LOCK DETAILS & OPTIONS.
- 7.) SEE SHEET 3 FOR DESIGN PRESSURES.
- 8.) FOR OPTIONAL FRAME INSTALLATION DETAILS SEE SHEET 2.
- 9.) EXT. & INT. FALSE COLONIAL MUNTINS ARE OPTIONAL & AND ARE APPLIED W/ SILICONE
- 10.) WOOD BUCKS IN CONTACT WITH CONCRETE MUST BE PRESSURE TREATED AND ANCHORED (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #2 FOR DETAIL & NOTES) WOOD BUCKS TO BE ANCHORED IN COMPLIANCE WITH THE FBC CHAPTER 24, SECTION 11.3.3.3.
- 11.) APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE MULLED UNITS.
- 12.) MULLING FIXED WINDOWS WITH OTHER TYPES OF FBC OR MIAMI-DADE COUNTY APPROVED PRODUCTS USING A FBC OR MIAMI-DADE COUNTY APPROVED MULLION IN BETWEEN ARE ACCEPTABLE BUT THE LOWER DESIGN PRESSURE FROM THE WINDOWS OR MULLION APPROVAL WILL APPLY TO THE ENTIRE MULLED SYSTEM.
- 13.) SEE SHEET # 5 FOR MULLION/METAL ATTACHMENT DETAILS & OPTIONS.

WINDOWS ARE SMALL MISSILE IMPACT APPROVED  
SHUTTERS NOT REQUIRED ABOVE 30 FT. ELEVATION

### TEST UNIT PERFORMANCE SUMMARY

FLANGE FRAME TEST SIZE = 53 1/8" X 76"

LOAD PERFORMANCE TEST: TAS-202

DESIGN LOADS @ PA-202 = +90.0, -120.0 PSF

STRUCTURAL TEST LOADS = +135.0, -180.0 PSF

SMALL MISSILE IMPACT TEST: TAS-201

CYCLIC LOAD TEST: TAS-203

TESTED GLASS = (SEE GLASS DP CHART @ SHEET 3 OF 5)

(W/ 7/16" (0.402") LAMINATED - MONOLITHIC  
& 11/16" (0.700") INSULATED-LAMINATED)

**PRODUCT APPROVED**  
As complying with the Florida  
Building Code  
NOA-No. **25-1015.02**

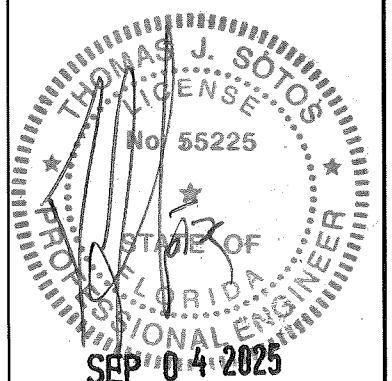
**Approval Date: 11/13/2025**

By: Manuel Perez  
Miami-Dade Product Control



1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

**7100 ALUMINUM  
SINGLE HUNG - FLANGE  
SMALL MISSILE IMPACT**

[illegible]

DATE \_\_\_\_\_

**THOMAS J. SOTOS, P.E.**  
**FL P.E. LIC. # 55225**

SHEET DESCRIPTION:  
APPROVED ELEVATIONS,  
CONFIGURATIONS AND  
NOTES

DRAWN BY:  N. Erazo	DATE:  08/13/2025
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REV. BY:	DATE:
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DWG #:	REV #:
CWS-1261	

SCALE:	SHEET 1 OF 5
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DESIGN LOAD CAPACITY (PSF) - VIEW WINDOWS W/ 4H VENTS											
WINDOW FRAME SIZE		# Jamb Anchors	# H & S Anchors	+ / - Pressures (psf)							
				Glass Type "A"		Glass Type "B"		Glass Type "C"		Glass Type "D"	
				+ psf	- psf	+ psf	- psf	+ psf	- psf	+ psf	- psf
19.125	59	5	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	59	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	59	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	63	5	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	63	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	63	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	63	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	63	6	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	63	6	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	74.25	6	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	74.25	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	74.25	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	74.25	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	74.25	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	74.25	8	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	76	6	2	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0
26.5	76	6	3	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0
37	76	6	3	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0
42	76	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	76	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	76	8	4	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0

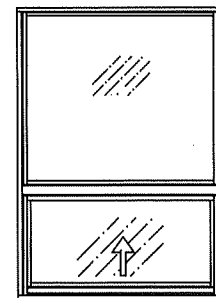
DESIGN LOAD CAPACITY (PSF) - VIEW WINDOWS W/ 5H VENTS											
WINDOW FRAME SIZE		# Jamb Anchors	# H & S Anchors	+ / - Pressures (psf)							
				Glass Type "A"		Glass Type "B"		Glass Type "C"		Glass Type "D"	
				+ psf	- psf	+ psf	- psf	+ psf	- psf	+ psf	- psf
19.125	59	5	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	59	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	59	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	63	5	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	63	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	63	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	63	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	63	6	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	63	6	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	74.25	6	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	74.25	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	74.25	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	74.25	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	74.25	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	74.25	8	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	76	6	2	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0
26.5	76	6	3	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0
37	76	6	3	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0
42	76	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	76	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	76	8	4	60.0	80.0	80.0	80.0	90.0	120.0	90.0	120.0

Notes (\*):

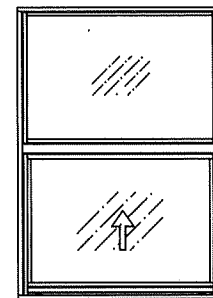
- 1.) SEE SHEET 4 OF 5 FOR GLAZING TYPES, DETAILS & SHEET 5 OF 5 FOR SILICONE OPTIONS.
- 2.) WINDOWS WITH GLASS TYPES "B, OR D" INSTALLED ABOVE 30 FT. IN THE HVHZ, THE I.G. EXTERIOR LITE SHALL BE TEMPERED TO COMPLY WITH THE SMALL MISSILE IMPACT RESISTANCE REQUIREMENTS (FBC-Chapter 24 Section 2411.3.3.7).

\* Tempered glass and Laminated Glass marked and in compliance with Section 2406 Safety Glazing: CPSC 16 CFR Part 1201" or "ANSI Z97.1-2015.

DESIGN LOAD CAPACITY (PSF) - EQUAL LITE WINDOWS											
WINDOW FRAME SIZE		# Jamb Anchors	# H & S Anchors	+ / - Pressures (psf)							
				Glass Type "A"		Glass Type "B"		Glass Type "C"		Glass Type "D"	
				+ psf	- psf	+ psf	- psf	+ psf	- psf	+ psf	- psf
19.125	26	3	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	26	3	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	26	3	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	26	3	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	26	3	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	26	3	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	38.375	3	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	38.375	3	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	38.375	3	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	38.375	3	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	38.375	3	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	38.375	3	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	50.625	4	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	50.625	4	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	50.625	4	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	50.625	4	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	50.625	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	50.625	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	59	5	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	59	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	59	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	59	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	63	5	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	63	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	63	5	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	63	5	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	63	6	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	63	6	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	74.25	6	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	74.25	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	74.25	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	74.25	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	74.25	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	74.25	8	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
19.125	76	6	2	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
26.5	76	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
37	76	6	3	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
42	76	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
48	76	7	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0
53.125	76	8	4	90.0	120.0	90.0	120.0	90.0	120.0	90.0	120.0



UN-EQUAL LITE



EQUAL LITE

APPROVED CONFIGURATIONS

**PRODUCT APPROVED**  
As complying with the Florida  
Building Code  
NOA-No. **25-1015.02**  
Approval Date: **11/13/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control



**7100 ALUMINUM  
SINGLE HUNG - FLANGE  
SMALL MISSILE IMPACT**

NO.:		DESCRIPTION:		BY:	DATE:
				</	



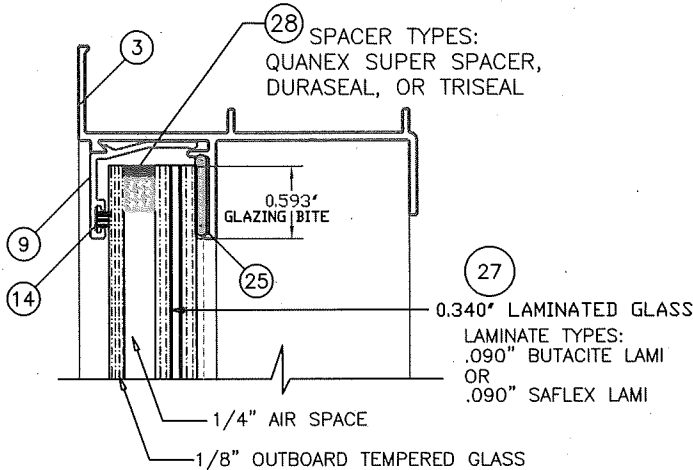
BILL OF MATERIALS				
ITEM #	PART #	REQD.	DESCRIPTION	REMARKS
1	LAW-7701	1	FLANGE FRAME HEAD	6063-T5 ALUMINUM
2	LAW-7302	1	FLANGE FRAME HI-Rise SILL	6063-T5 ALUMINUM
3	LAW-7703	2	FLANGE FRAME JAMB	6063-T5 ALUMINUM
4	LAW-8752	1	FRAME FIXED MEETING RAIL	6063-T6 ALUMINUM
5	LAW-7705	1	VENT MEETING (TOP) RAIL	6063-T6 ALUMINUM
6	LAW-7706	1	VENT BOTTOM (LATCH) RAIL	6063-T6 ALUMINUM
7	LAW-7707	1	VENT JAMB (SIDE) RAIL	6063-T6 ALUMINUM
8	LAW-4205	AS REQ'D.	GLAZING BEAD ( 7/16" )	6063-T5 ALUMINUM
9	LAW-7709	AS REQ'D.	GLAZING BEAD ( 11/16" )	6063-T5 ALUMINUM
10	L-7531	AS REQ'D.	VINYL BULB WTS'P	1/4" DIA. BULB
11	*	AS REQ'D.	FIN SEAL WEATHERSTRIP	.187"x.230"
12	*	AS REQ'D.	FIN SEAL WEATHERSTRIP	.187"x.350"
13	*	AS REQ'D.	FIN SEAL WEATHERSTRIP	.187"x.310"
14	*	AS REQ'D.	BEAD WOOL FIBER PILE	.187"x.210"
15	LAW-4206	AS REQ'D.	GLAZING WEDGE/GASKET	PVC
16	*	2	FRAME SILL WEEP FOAM PAD	1/4"x1/4"x2" OPEN CELL
17	HC-039	1	SASH BALANCE CAM/GUIDE	(2 X VENT)
18	BD3	2	BLOCK & TACKLE BALANCE	BSI-Caldwell Balance
19	L-7725	2	RIGID VINYL SASH STOP	(2 X FRAME)
20	HC-057	2	VENT LIFT LATCH	MOLDED PLASTIC
21	HC-058	2	VENT SWEEP CAM LOCK	DIE CAST METAL
22	HC-040	1	SASH SPIRAL BALANCE GUIDE	(2 X VENT)
23	BD2	2	SPIRAL LITE LIFT BALANCE	Amesbury Balance
24	BD1	2	SPIRAL SUPER BOOST BALANCE	Amesbury Balance
25	*	AS REQ'D.	NEUTRAL CURE SILICONE	DOW CORNING 899
25	*	AS REQ'D.	CLEAR SILICONE	GE SCS 2800
25	*	AS REQ'D.	CLEAR SILICONE	TREMCO SPECTREM 2
26	*	2	Laminated Monolithic Glass	SEE GLAZING DETAILS
27	*	2	Laminated Insulated Glass	SEE GLAZING DETAILS
28	*	AS REQ'D.	1/4" Insulated Spacer	SEE GLAZING DETAILS
29	HC-026	1	SCREEN FRAME & MESH	
30	HC-	2	SASH/VENT FACE GUIDE	(2 X VENT)
31	*	2	GUIDE ATTACHMENT SCREW	#6 X 5/8" F.H./PHIL. SMS
32	*	AS REQ'D.	FRAME ASSEMBLY SCREWS	#8 X 1" P.H./SQ. RECESS
33	*	AS REQ'D.	VENT ASSEMBLY SCREWS	#8 X 1" P.H./SQ. RECESS
34	*	2	BALANCE ATTACHMENT SCREW	#8 X 1" P.H.-PHILL. SMS
35	LAW-8730	1 X Anchor	SILL ANCHOR CLIP (Detail C2)	6063-T5 ALUM.
36	*	AS REQD.	SILL ANCHOR CLIPS SCREWS	#12 X 2" P.H./PHIL. SMS
37	*	AS REQD.	INSTALLATION SCREWS	1/4" TAPCON
38	*	2	FRAME SILL FOAM GASKET	CLOSED CELL
39	SM5504/5591	AS REQ'D.	ITW ACRYL-R JOINT SEALANT	SELF-LEVELING ACRYLIC
40	*	AS REQ'D.	PERIMETER CAULKING	EXTERIOR GRADE CAULK

LAMINATED GLASS COMPOSITION - "C"		
ITEM	DESCRIPTION	DETAIL
1	1/8" TEMPERED GLASS	
2	0.090" BUTACITE PVB INTERLAYER	
3	1/8" HEAT STRENGTHENED GLASS	
4	1/4" INSULATED AIR SPACE	
5	1/8" TEMPERED GLASS	

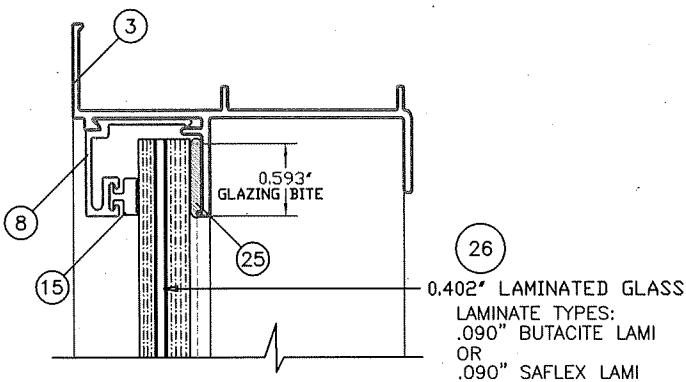
LAMINATED GLASS COMPOSITION - "D"		
ITEM	DESCRIPTION	DETAIL
1	1/8" TEMPERED GLASS	
2	0.090" SAFLEX PVB INTERLAYER	
3	1/8" HEAT STRENGTHENED GLASS	
4	1/4" INSULATED AIR SPACE	
5	1/8" TEMPERED GLASS	

LAMINATED GLASS COMPOSITION - "A"		
ITEM	DESCRIPTION	DETAIL
1	1/8" ANNEALED GLASS	
2	0.090" BUTACITE PVB INTERLAYER	
3	3/16" TEMPERED GLASS	

LAMINATED GLASS COMPOSITION - "B"		
ITEM	DESCRIPTION	DETAIL
1	1/8" ANNEALED GLASS	
2	0.090" SAFLEX PVB INTERLAYER	
3	3/16" TEMPERED GLASS	



G2 GLAZING DETAIL (INSULATED)

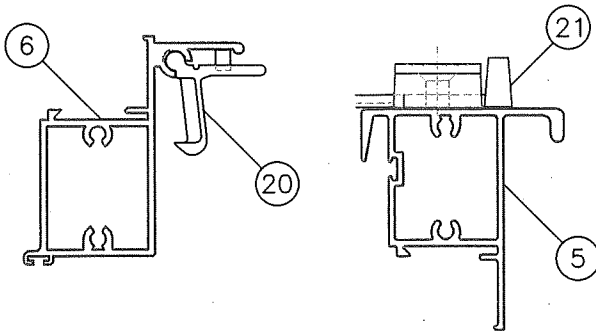


G1 GLAZING DETAIL (MONOLITHIC)

Notes (\*):

- SEE SHEET 3 OF 5 FOR GLASS DP CHARTS AND 4 OF 5 FOR SILICONE OPTIONS.
- WINDOWS WITH GLASS TYPES "B, OR D" INSTALLED ABOVE 30 FT. IN THE HVHZ, THE I.G. EXTERIOR LITE SHALL BE TEMPERED TO COMPLY WITH THE SMALL MISSILE IMPACT RESISTANCE REQUIREMENTS (FBC-Chapter 24 Section 2411.3.3.7).

\* Tempered glass and Laminated Glass marked and in compliance with Section 2406 Safety Glazing: CPSC 16 CFR Part 1201" or "ANSI Z97.1-2015.



LOCK (LIFT AND SWEEP) OPTIONS

- BOTH PLASTIC LIFT-LOCK HANDLE AND DIE CAST CAM LOCKS ARE QUALIFIED FOR USE ON ALL WINDOWS.
- TWO LOCKS ARE REQUIRED PER EACH VENT.

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Approval Date: **11/13/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control

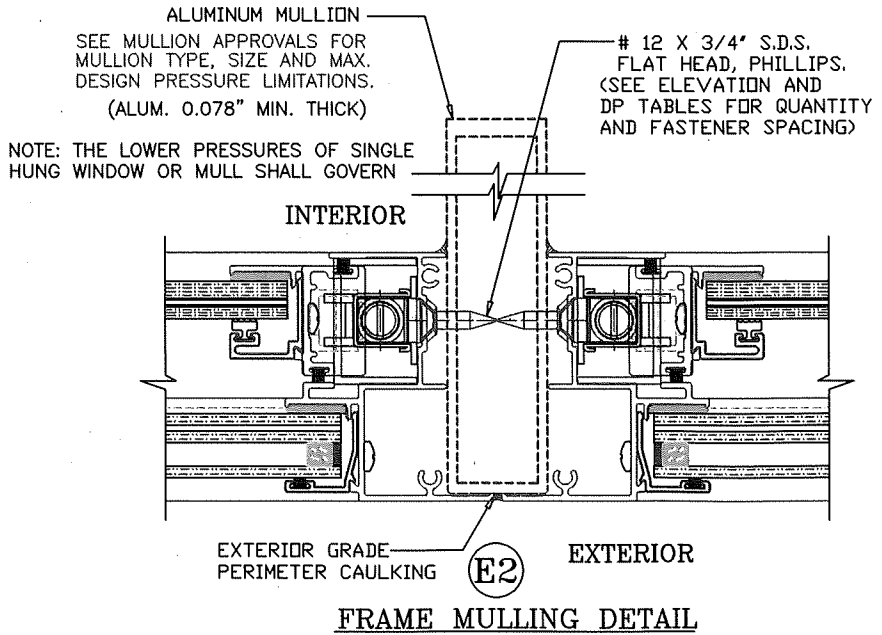
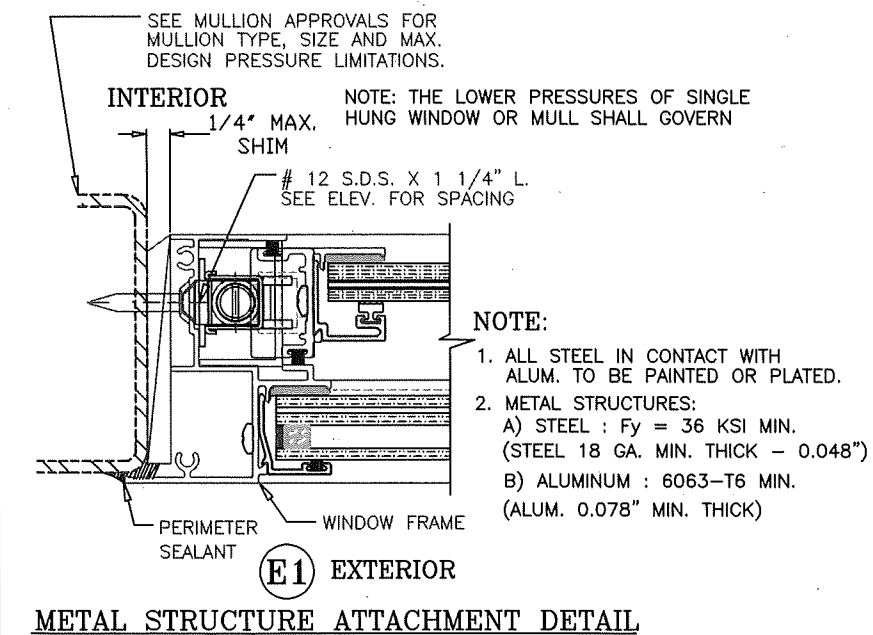
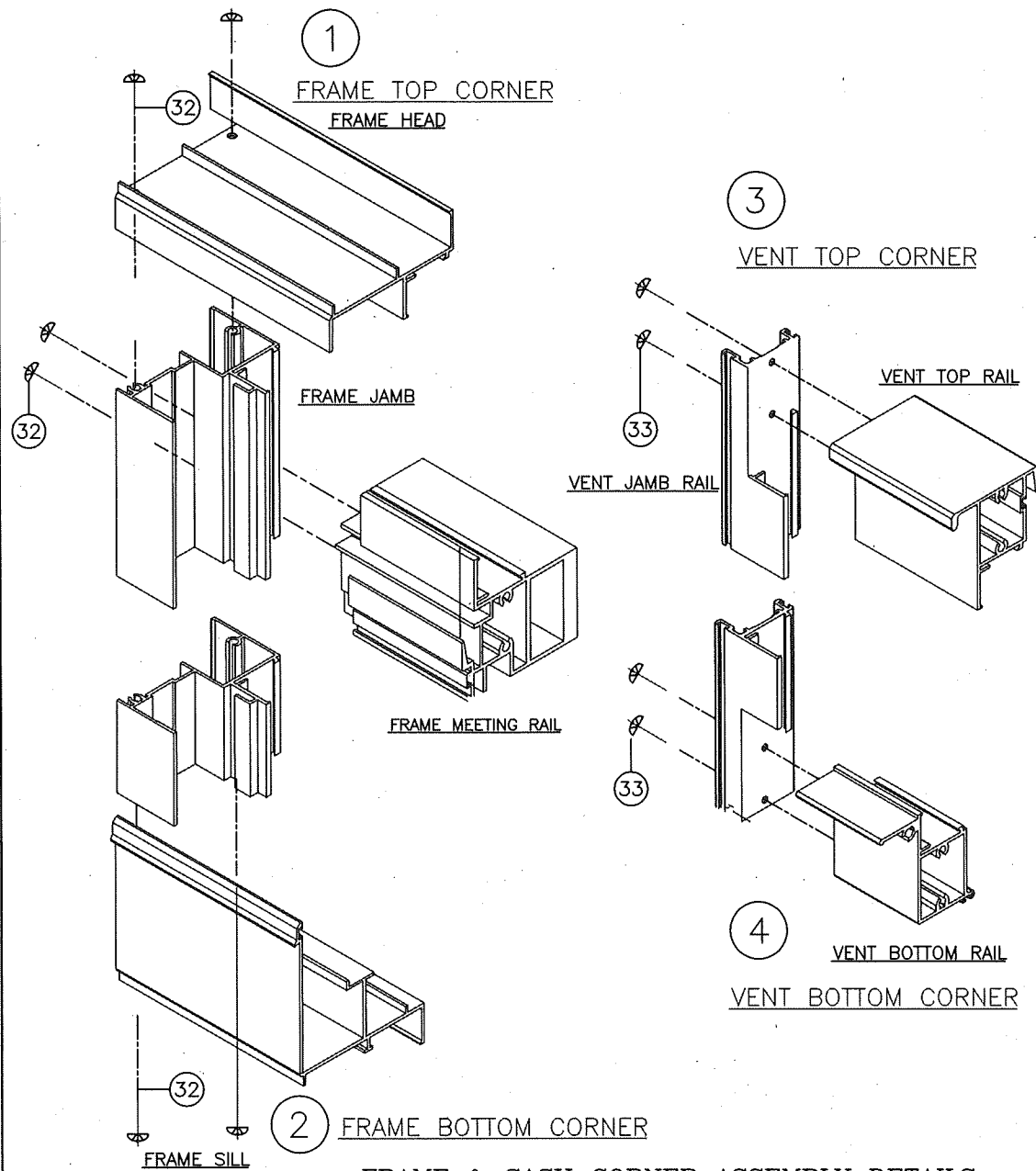
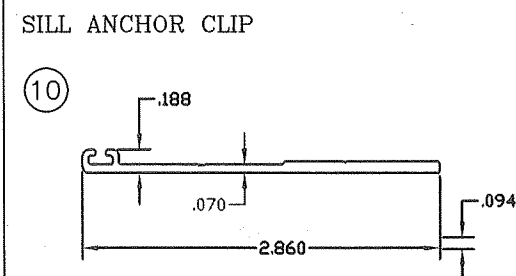
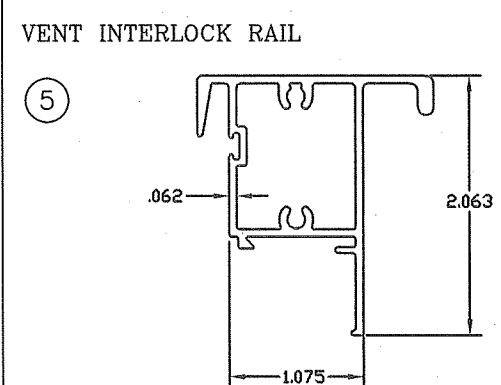
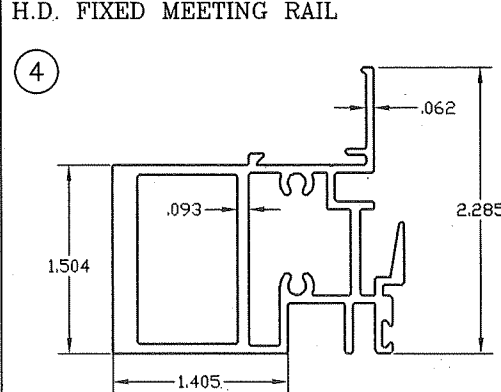
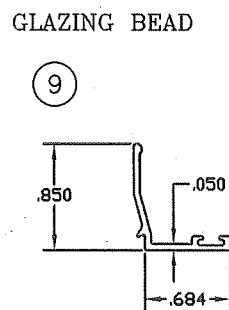
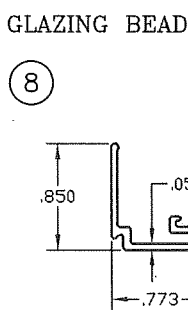
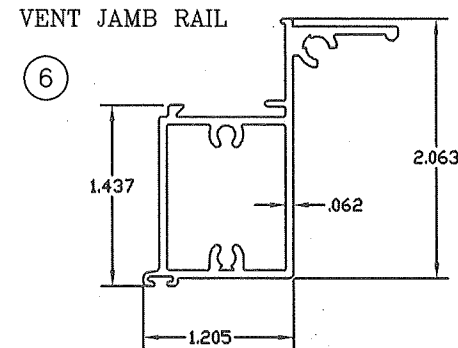
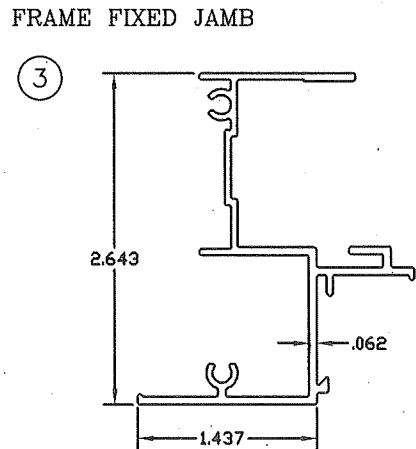
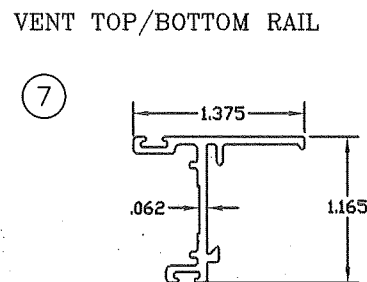
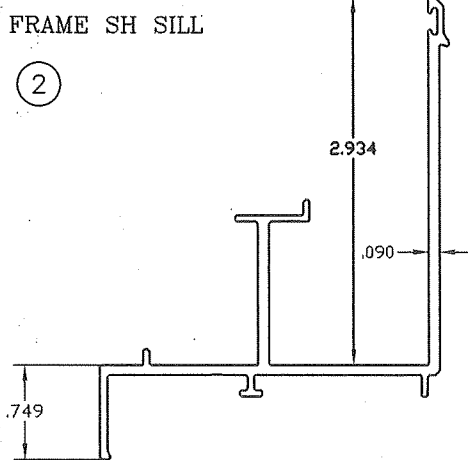
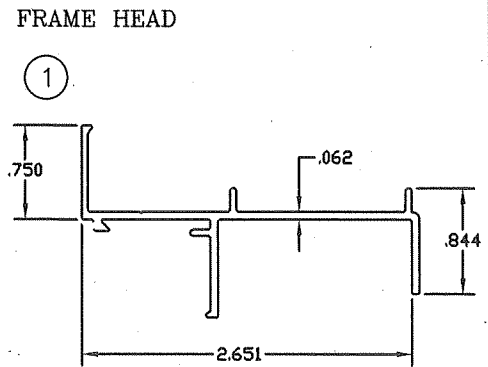
1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

7100 ALUMINUM  
SINGLE HUNG - FLANGE  
SMALL MISSILE IMPACT

NO.	DESCRIPTION:	BY:	DATE:

DATE: **SEP 04 2025**

THOMAS J. SOTOS, P.E. FL P.E. LIC. # 55225	
SHEET DESCRIPTION: BILL OF MATERIALS, EXTRUSION DETAILS & CORNER ASSEMBLY DETAILS	
DRAWN BY: N. Erazo	DATE: 08/13/2025
REV. BY: ---	DATE: ---
DWG #: CWS-1261	REV #:
SCALE: ---	SHEET 4 OF 5



**PRODUCT APPROVED**  
 As complying with the Florida Building Code  
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 Approval Date: **11/13/2025**  
 By: *Manuel Perez*  
 Miami-Dade Product Control

**CWS**  
 1900 SW 44TH AVE.  
 OCALA, FLORIDA 34474  
 WWW.CWS.CC

**7100 ALUMINUM  
 SINGLE HUNG - FLANGE  
 SMALL MISSILE IMPACT**

NO.	DESCRIPTION	BY	DATE

THOMAS J. SOTOS, P.E.  
 FL P.E. LIC. # 55225  
 SEP 04 2025

**THOMAS J. SOTOS, P.E.**  
**FL P.E. LIC. # 55225**

SHEET DESCRIPTION:  
**BILL OF MATERIALS, EXTRUSION  
 DETAILS & CORNER ASSEMBLY  
 DETAILS**

DRAWN BY: N. Erazo	DATE: 08/13/2025
REV. BY: ---	DATE: ---
DWG #: CWS-1261	REV #:
SCALE: ---	SHEET 5 OF 5