



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/building

Custom Window Systems, Inc.
1900 SW 44th 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 "7200 (Fin Frame)" Aluminum Horizontal Slider Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. CWS-1242 Rev A (former L8800-0801 Rev F) titled "7200 Horizontal Slider Window-Fin Frame", sheets 1 through 5 of 5, dated 12/18/23 and last revised on SEP 25, 2025, prepared by manufacturer and signed and sealed by Thomas J. Sotos, P.E. bearing 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

Limitation:

1. In sheet 1: Insulated laminated glass type C with 1/8" Annealed exterior lite is not qualified for SMI.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 revises NOA No. 23-0907.03 (Lawson Industries, Inc.) and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 25-0929.05
Expiration Date: October 09, 2028
Approval Date: October 23, 2025
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. 08-0701.03)
2. Drawing No **L8800-0801**, titled "HS-8800 Horizontal Rolling Fin Impact Window", sheets 1 through 5 of 5, dated 04/08/08, with revision "**D**" dated 11/01/17, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 17-1212.14)

B. TESTS

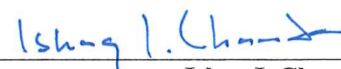
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-4391**, dated 02/28/08, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No.08-0701.03)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum horizontal sliding windows, all prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s: **HETI-07-4392**, dated 01/15/08; **HETI-07-4393**, dated 01/15/08; **HETI-07-4395**, dated 01/15/08; **HETI-07-4394**, dated 02/28/08 and **HETI-08-2039**, dated 01/30/08; all signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No.08-0701.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, dated 06/20/08, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No.08-0701.03)
2. Glazing complies with **ASTM E1300-04/09**

D. QUALITY ASSURANCE

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



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0929.05

Expiration Date: October 09, 2028

Approval Date: October 23, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-1114.14** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 01/18/18, expiring on 07/08/19.
2. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their "Saflex Clear and Color Glass Interlayers" dated 09/07/17, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of "No financial interest" dated November 17, 2017, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under previous NOA No. 17-1212.14)
2. Statement letter dated 01/22/18 of the editorial drawing changes issued by Lawson Inc., signed by Nelson Erazo, Senior Design Engineer.
(Submitted under previous NOA No. 17-1212.14)
3. Department of State Certification of **LAWSON INDUSTRIES, INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 04/11/14 and filed at the Secretary of State.
(Submitted under NOA No. 14-0908.13)
4. Laboratory compliance letter for Test Reports No. **HETI-07-4391, HETI-07-4392, HETI-07-4393, HETI-07-4394, HETI-07-4395** and **HETI-08-2039**, issued by Hurricane Engineering & Testing, Inc., dated 01/15/08 through 02/28/08, all signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No. 08-0701.03)

G. OTHERS

1. Notice of Acceptance No. **17-1212.14**, issued to Lawson Industries, Inc. for their Series "HS-8800 Fin Frame" Aluminum Horizontal Sliding Window – L.M.I., approved on 02/01/18 and expiring on 10/09/18.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0929.05

Expiration Date: October 09, 2028

Approval Date: October 23, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No **L8800-0801**, titled "HS-8800 Horizontal Rolling Fin Impact Window", sheets 1 through 5 of 5, dated 04/08/08, with revision "E" dated 07/31/20, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, 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

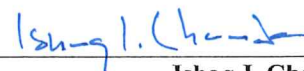
1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their "Saflex PVB Clear and Color Glass Interlayers" dated 08/06/20, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated August 03, 2020, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHERS

1. Notice of Acceptance No. **18-0808.06**, issued to Lawson Industries, Inc. for their Series "HS-8800 Fin Frame" Aluminum Horizontal Sliding Window – L.M.I., approved on 09/20/18 and expiring on 10/09/23.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0929.05

Expiration Date: October 09, 2028

Approval Date: October 23, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **L8800-0801 Rev F** titled "HS-8800 Horizontal Rolling Fin Impact Window", sheets 1 through 5 of 5, dated 04/08/08 and last revised on SEP 06, 2023, prepared by manufacturer and signed and sealed by Thomas J. Sotos, P.E.

Note: The revision consists of addition of addition of Quanex: Super/ Duraseal spacers.

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
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-23-0849**, dated 07/24/23, signed and sealed by Ram N. Tewari, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

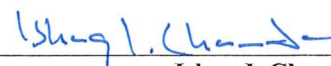
1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **23-0713.18** issued to **Eastman Chemical Company (MA)** for their "Saflex PVB Clear and Color Glass Interlayers", expiring on 05/21/26.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated 09/26/23, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHERS

1. This NOA **revises & renews** NOA No. **20-0813.05**, updates to FBC 2023, expiring 10/09/28.
2. RER Test proposal **#23-0461R** dated 06/16/23, signed by Manny Perez, P.E.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0929.05

Expiration Date: October 09, 2028

Approval Date: October 23, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **CWS-1242 Rev A** (former **L8800-0801 Rev F**) titled "7200 Horizontal Slider Window-Fin Frame", sheets 1 through 5 of 5, dated 12/18/23 and last revised on SEP 25, 2025, prepared by manufacturer and signed and sealed by Thomas J. Sotos, 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. **24-0205.08** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**", 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 Color Glass Interlayers**", expiring on 05/21/26.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC 8th Edition (2023), No financial interest to the lab and the DWG is the same as NOA# **23-0907.03**, dated SEP 25, 2025, signed and sealed by Thomas J. Sotos, P.E.
2. Statement letter dated June 25, 2025, issued by Custom Window Systems, Inc. (CWS) that they have legally purchased all assets of (18) listed NOA(s) from Lawson Industries, Inc. and requesting that new corresponding NOA(s) be issued to CWS name. Also, CWS request that (18) listed Private label Agreement NOA(s) between Lawson Industries Inc. and Custom Window System are to be rescinded, signed by Kevin Pine, Vice President CWS.
3. Statement letter dated June 5, 2025, confirming that Custom Window System, Inc. is a wholly owned subsidiary of Pella corporation, signed by Chantel Kramme, Secretary Pella Corp.
4. Statement letter dated June 10, 25 issued by Lawson Industries LLC, that they have legally sold all assets of existing NOA(s) listed in this letter, know how, equipment/machinery and given up all the rights and request to rescind these NOA(s), signed by Harold Bailey, President Lawson Industry, LLC.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0929.05

Expiration Date: October 09, 2028

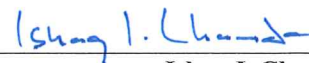
Approval Date: October 23, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New EVIDENCE SUBMITTED (continue)

G. OTHERS

1. This NOA revises NOA No. 23-0907.03 (Lawson Industries, Inc.), 2023, expiring 10/09/28.
2. Bill of Sales dated Nov. 28, 2023, between CWS-SF, LLC (Buyer) and Lawson Industries, Inc. (seller), signed by Nicolas Cross (president CWS) and Harold Baily (President Lawson industries).
3. Meeting summary dated May 15, 2025, and June 24, 2025, issued by RER, Product Control Section.
4. The NOA # 23-0907.03, issued to Lawson Industries Inc. for series "HS-8800 (Fin Frame) Horizontal Sliding Window-LMI, expiring 10/09/2028. (This NOA to be rescinded).
5. The NOA #24-0116.08, issued to Custom windows System Inc., for the series ""7200 (Fin Frame) Aluminum Horizontal Sliding Window-LMI, expiring 10/09/2028. (This Private label NOA with Lawson Industries Inc., to be rescinded)

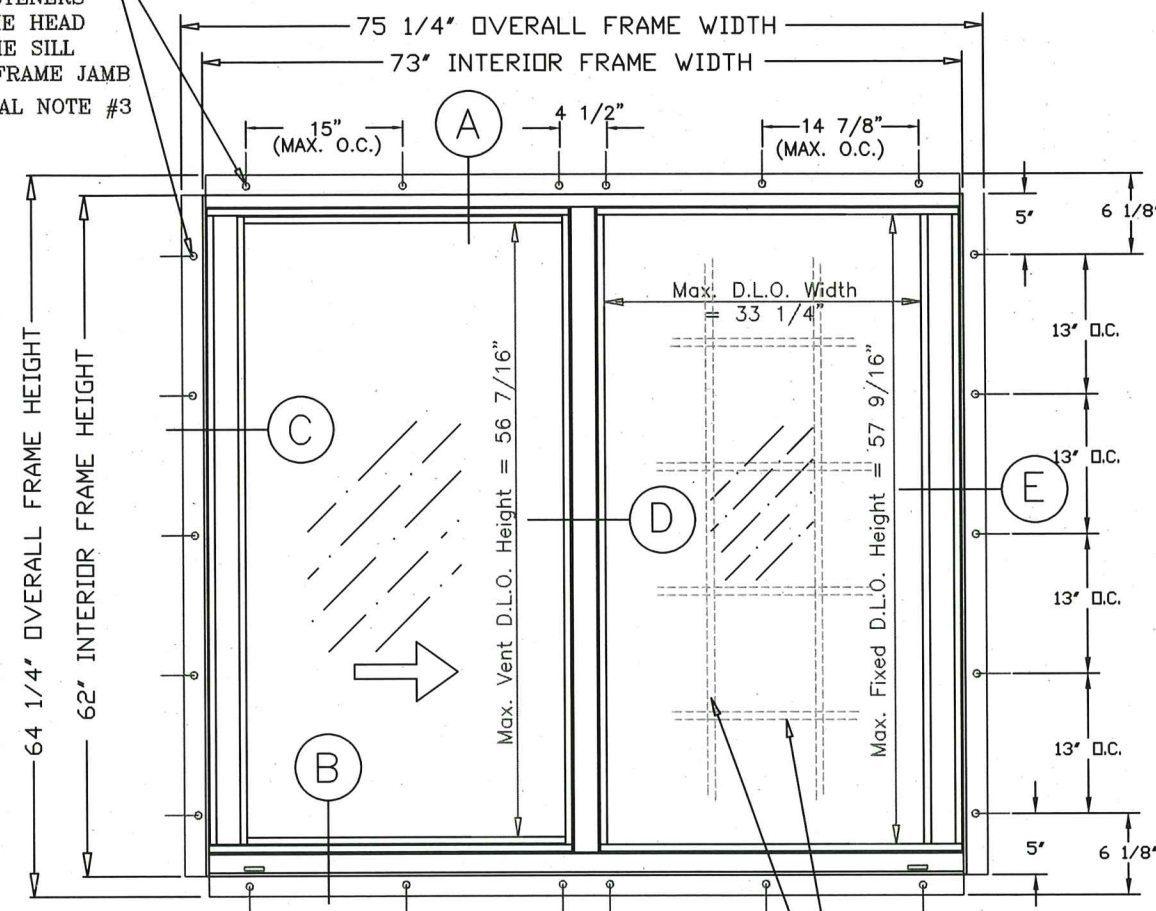


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-0929.05
Expiration Date: October 09, 2028
Approval Date: October 23, 2025

General Notes:

- 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 (HVHZ) AND ASTM 1300-16. THIS PRODUCT IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE SHUTTERS.
- 2 X WOOD BUCKS SHALL BE INSTALLED AND ANCHORED SO THAT THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH THE REQUIREMENTS OF FLORIDA BUILDING CODE & TO BE REVIEWED BY BUILDING OFFICIAL.
- ANCHORS SHOWN ABOVE ARE AS PER TEST UNITS. ON CENTER (O.C.) ANCHOR SPACINGS WILL VARY WITH UNIT DIMENSIONS, AND THE NUMBER OF ANCHORS REQUIRED, AS SPECIFIED ON THE LOAD TABLES.
- 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.
- XO or OX WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE LAMINATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).
- XO or OX WINDOWS ARE QUALIFIED FOR USE WITH DOUBLE GLAZE LAMINATED INSULATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).
- SEE SHEET #5 FOR LOCK DETAILS & OPTIONS.
- SEE SHEET #1 FOR GLAZING DETAILS & OPTIONS. (REFER TO SHEETS #4, FOR MAX. DESIGN PRESSURES.
- WOOD OPENINGS SHALL BE PROTECTED WITH AN APPROVED MOISTURE RESISTANT WEATHERBARRIER (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #3 FOR INSTALLATION DETAIL)
- APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE MULLED UNITS.
- MULLING SINGLE HUNG WINDOWS WITH OTHER TYPES OF MIAMI-DADE COUNTY APPROVED WINDOWS USING A 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.
- SEE SHEET # 3 FOR MULLION/METAL ATTACHMENT DETAILS & OPTIONS.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE SECTION 2003.8.4

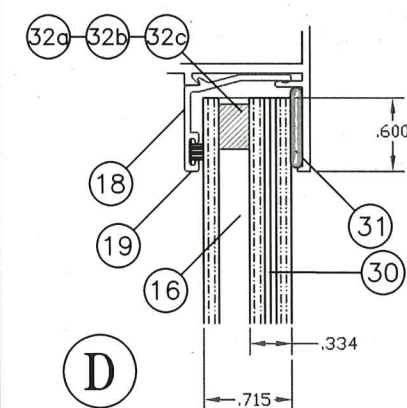
INSTALLATION FASTENERS
(A) 6 AT FRAME HEAD
(B) 6 AT FRAME SILL
(C) 5 AT EA. FRAME JAMB
*SEE GENERAL NOTE #3



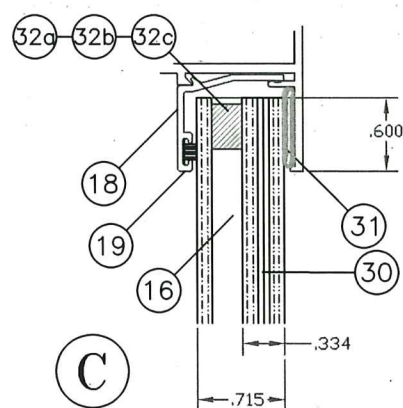
NOTE:
SAME ANCHOR SPACING AT HEAD & SILL

EXT. & INT. FALSE COLONIAL MUNTINS ARE APPLIED W/ W/ SILICONE AND ARE AVAILABLE AS OPTIONAL.

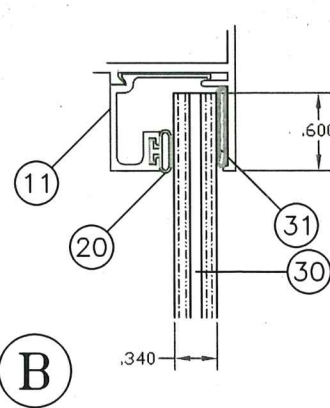
"XO" WINDOW ELEVATION ("OX" REVERSED) HORIZONTAL SLIDER WINDOW - IMPACT FIN FRAME



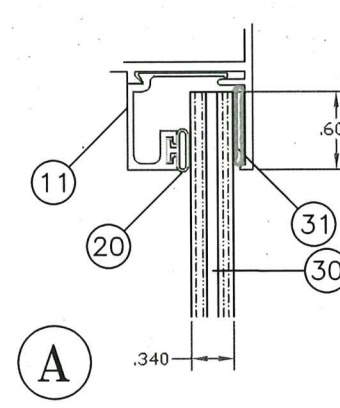
D
0.125' TEMPERED GLASS (OUTBOARD)
*(QUALIFIED FOR SMALL MISSILE IMPACT)
0.125' ANN. GLASS (INBOARD)
LAMINATED w/ 0.090' PVB &
INSULATED w/ 0.250' AIR SPACE
0.340' TOTAL GLASS THICKNESS



C
0.125' ANN. GLASS (OUTBOARD)
(NOT QUALIFIED FOR SMALL MISSILE IMPACT)
0.125' ANN. GLASS (INBOARD)
LAMINATED w/ 0.090' PVB &
INSULATED w/ 0.250' AIR SPACE
0.340' TOTAL GLASS THICKNESS



B
0.125' H.S. GLASS
LAMINATED w/ 0.090' PVB
0.340' TOTAL GLASS THICKNESS



A
0.125' ANN. GLASS
LAMINATED w/ 0.090' PVB
0.340' TOTAL GLASS THICKNESS

30 Laminate Types & Options

- Trosifol PVB by: Kuraray America, Inc.
- Saflex PVB by: Eastman Chemical Company

32 Insulated Spacer Types & Options

- "TrueSeal" Swiggle Seal
- "Quanex" SuperSpacer w/ Isomelt M
- "Quanex" Duraseal

GLAZING DETAILS, OPTIONS AND DESCRIPTION

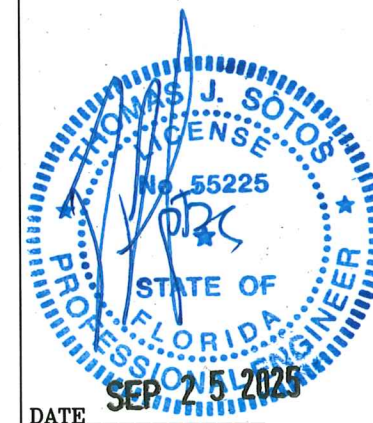
(NOTE: SEE DP CHARTS AT SHEET 4 OF 5)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0929-05
Expiration Date 10/09/2028
By *Ichang I. Llanos*
Miami Dade Product Control

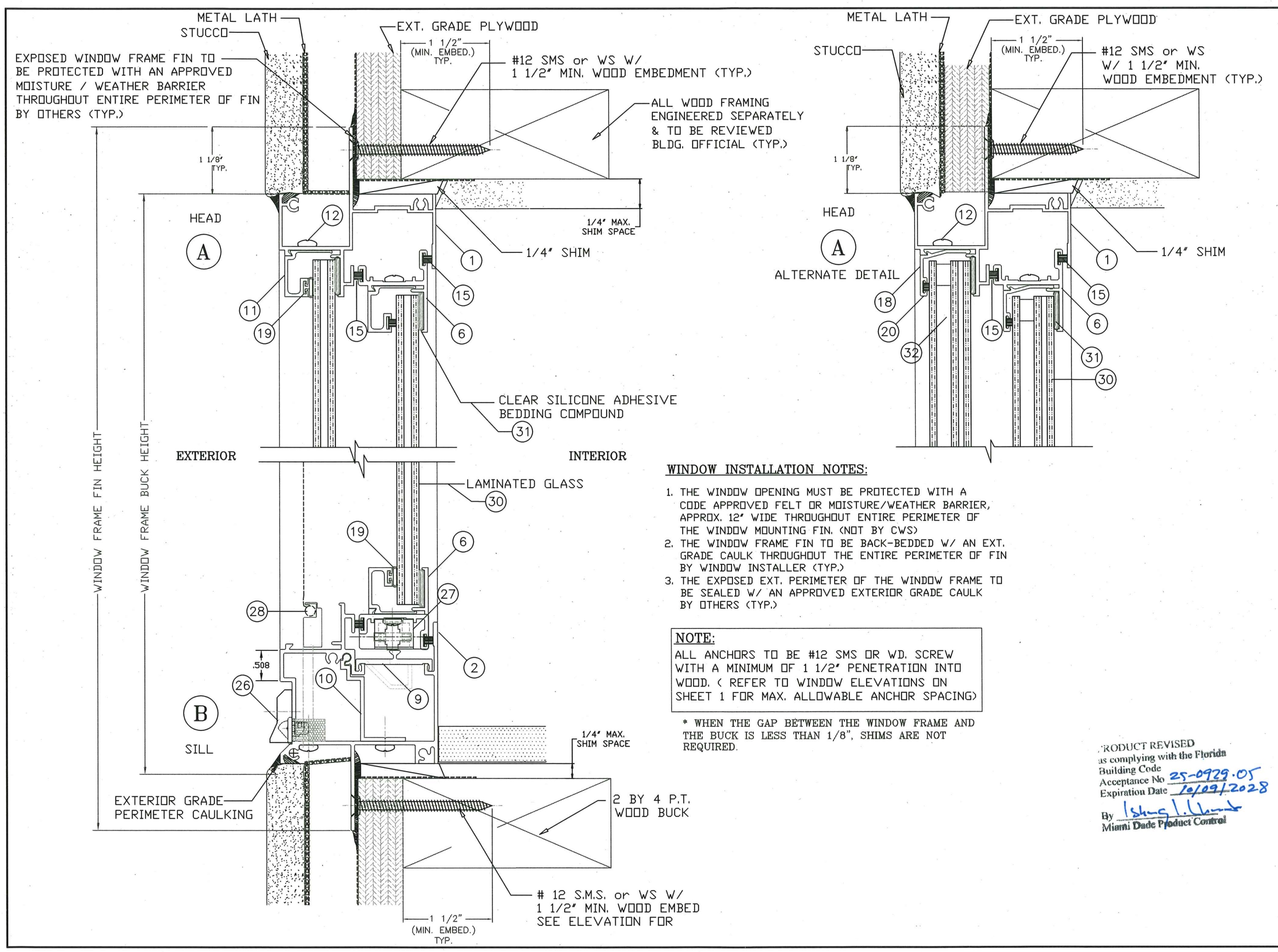


7200 ALUMINUM HORIZONTAL SLIDER - IMPACT FIN FRAME

NO.	DESCRIPTION	BY	DATE
A	Revises NDA # 23-0907.03	N.E.	09/05/25




DATE	
THOMAS J. SOTOS, P.E. FL P.E. LIC. # 55225	
SHEET DESCRIPTION: APPROVED ELEVATION, GLAZING DETAILS AND GENERAL NOTES	
DRAWN BY:	DATE:
N. Erazo	12/18/2023
REV. BY:	DATE:
N. Erazo	09/05/2025
DWG #:	REV #:
CWS-1242	A
SCALE:	SHEET 1 OF 5



- WINDOW INSTALLATION NOTES:**
1. THE WINDOW OPENING MUST BE PROTECTED WITH A CODE APPROVED FELT OR MOISTURE/WEATHER BARRIER, APPROX. 12" WIDE THROUGHOUT ENTIRE PERIMETER OF THE WINDOW MOUNTING FIN. (NOT BY CWS)
 2. THE WINDOW FRAME FIN TO BE BACK-BEDDED W/ AN EXT. GRADE CAULK THROUGHOUT THE ENTIRE PERIMETER OF FIN BY WINDOW INSTALLER (TYP.)
 3. THE EXPOSED EXT. PERIMETER OF THE WINDOW FRAME TO BE SEALED W/ AN APPROVED EXTERIOR GRADE CAULK BY OTHERS (TYP.)
- NOTE:**
ALL ANCHORS TO BE #12 SMS OR WD. SCREW WITH A MINIMUM OF 1 1/2" PENETRATION INTO WOOD. (REFER TO WINDOW ELEVATIONS ON SHEET 1 FOR MAX. ALLOWABLE ANCHOR SPACING)
- * WHEN THE GAP BETWEEN THE WINDOW FRAME AND THE BUCK IS LESS THAN 1/8", SHIMS ARE NOT REQUIRED.

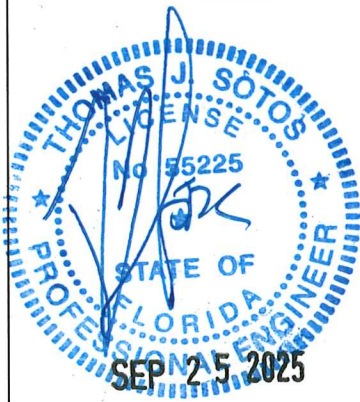
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 25-0929.05
Expiration Date 10/09/2028
By Isling I. Llanusa
Miami Dade Product Control



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

**7200 ALUMINUM
HORIZONTAL SLIDER -
IMPACT FIN FRAME**

NO.:		DESCRIPTION:	BY:	DATE:
A	Revises	NDA # 23-0907.03	NE.	09/05/25



DATE _____

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

SHEET DESCRIPTION:
VERTICAL CROSS SECTION,
NOTES AND FRAME
INSTALLATION DETAILS

DRAWN BY:	DATE:
N. Erazo	12/18/2023
REV. BY:	DATE:
N. Erazo	09/05/2025
DWG #:	REV #:
CWS-1242	A
SCALE:	SHEET
---	2 OF 5

1. THE WINDOW OPENING MUST BE PROTECTED WITH A CODE APPROVED FELT OR MOISTURE/WEATHER BARRIER, APPROX. 12" WIDE THROUGHOUT ENTIRE PERIMETER OF THE WINDOW MOUNTING FIN. (NOT BY CWS)
2. THE WINDOW FRAME FIN TO BE BACK-BEDDED W/ AN EXT. GRADE CAULK THROUGHOUT THE ENTIRE PERIMETER OF FIN BY WINDOW INSTALLER (TYP.)
3. THE EXPOSED EXT. PERIMETER OF THE WINDOW FRAME TO BE SEALED W/ AN APPROVED EXTERIOR GRADE CAULK BY OTHERS (TYP.)

ALL ANCHORS TO BE #12 SMS OR WD. SCREW
WITH A MINIMUM OF 1 1/2" PENETRATION INTO
WOOD. (REFER TO WINDOW ELEVATIONS ON
SHEET 1 FOR MAX. ALLOWABLE ANCHOR SPACING)

* WHEN THE GAP BETWEEN THE WINDOW FRAME AND THE BUCK IS LESS THAN 1/8", SHIMS ARE NOT REQUIRED.

EXPOSED WINDOW FRAME FIN TO _____
BE PROTECTED WITH AN APPROVED
MOISTURE / WEATHER BARRIER
THROUGHOUT ENTIRE PERIMETER OF FIN
BY OTHERS (TYP.)

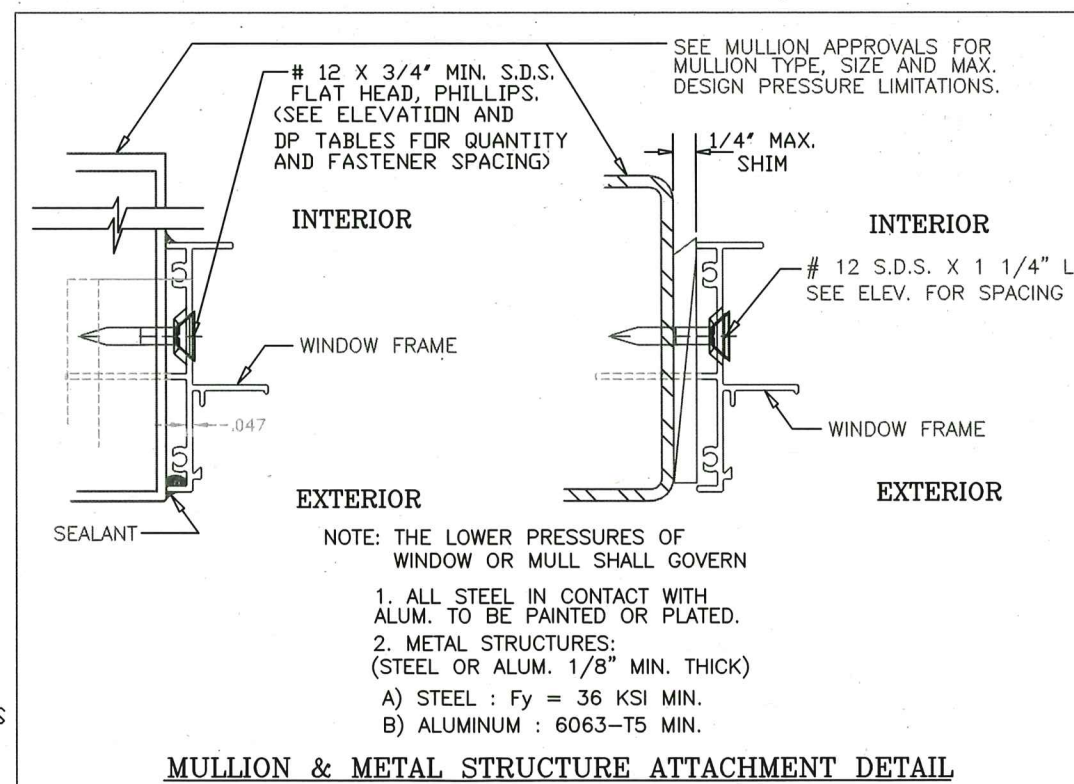
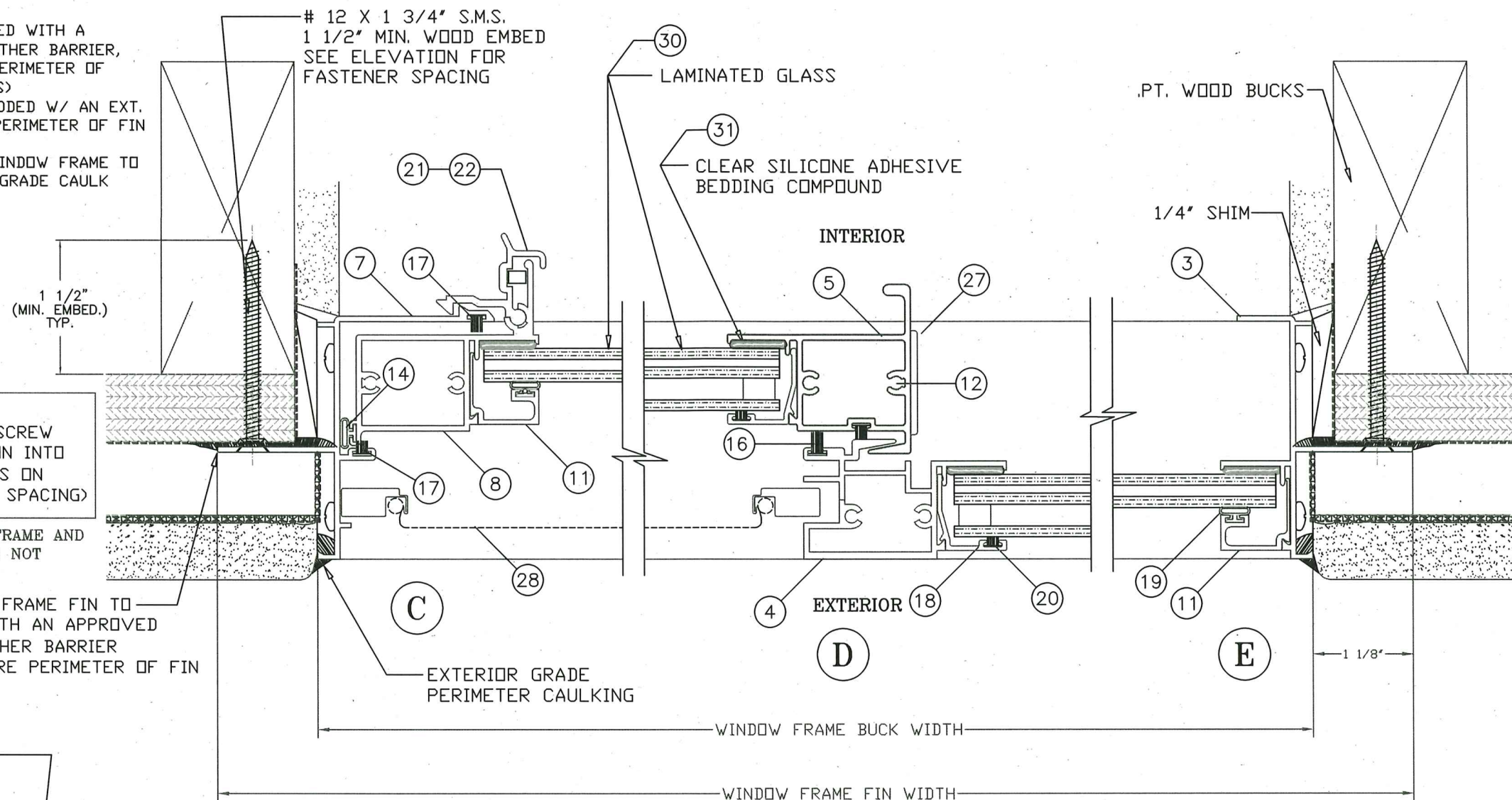
EXT. GRADE BACK BEDDING
TO BE APPLIED BEHIND
WINDOW FRAME FIN BY
INSTALLER (TYP.)

WEATHERPROOF
BARRIER
BY OTHERS (TYP.)

—WINDOW FRAME FIN

-EXT. GRADE PERIMETER
CAULKING NOT BY CWS
TO BE APPLIED BY OTHERS
(TYP.)

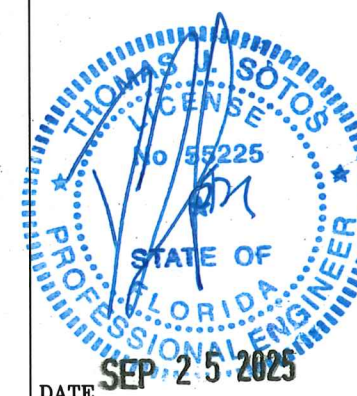
WINDOW INSTALLATION DETAIL



PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 25-0929-05
Expiration Date 10/09/2028
By Sheng L. Chen
Miami Dade Product Control



7200 ALUMINUM HORIZONTAL SLIDER - IMPACT FIN FRAME

[illegible]

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

SHEET DESCRIPTION:
CROSS SECTION DETAILS, VENT
LOCK OPTIONS, NOTES AND
FRAME INSTALLATION DETAILS

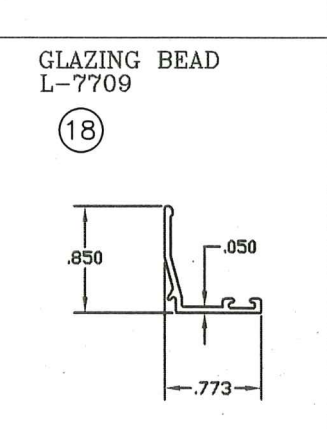
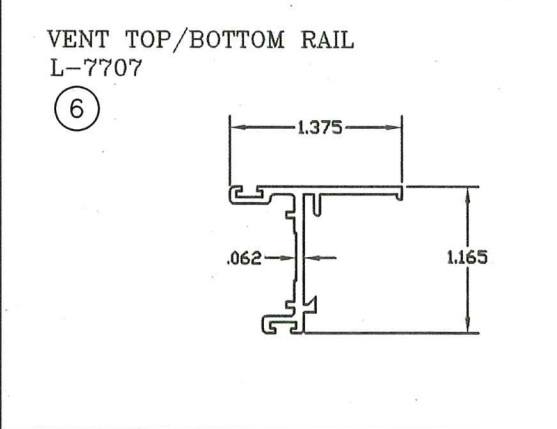
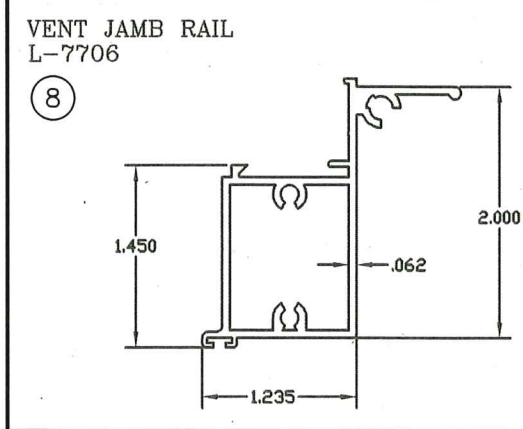
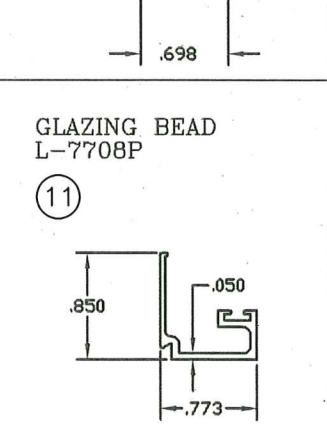
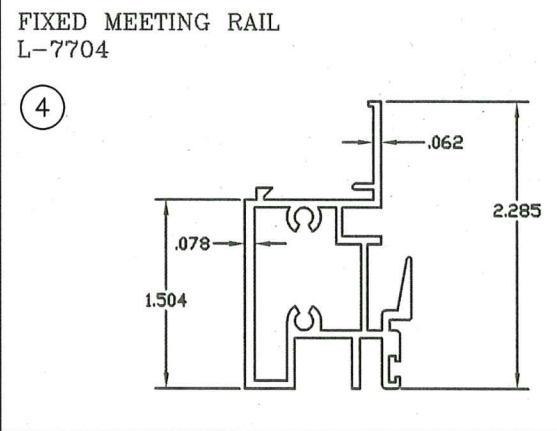
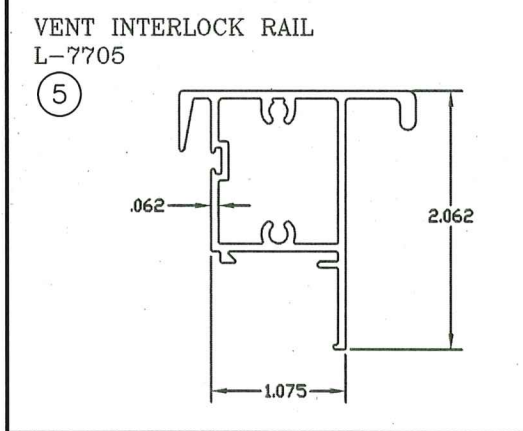
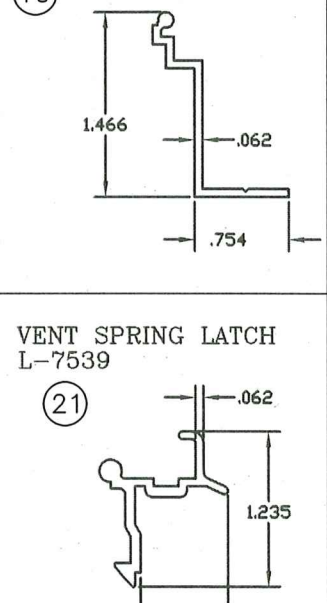
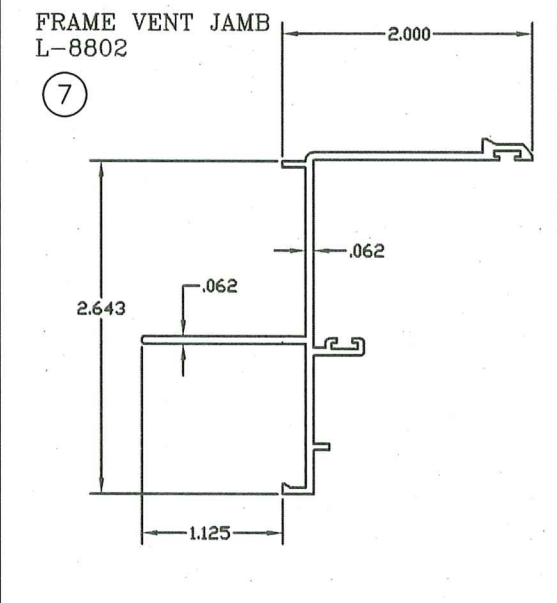
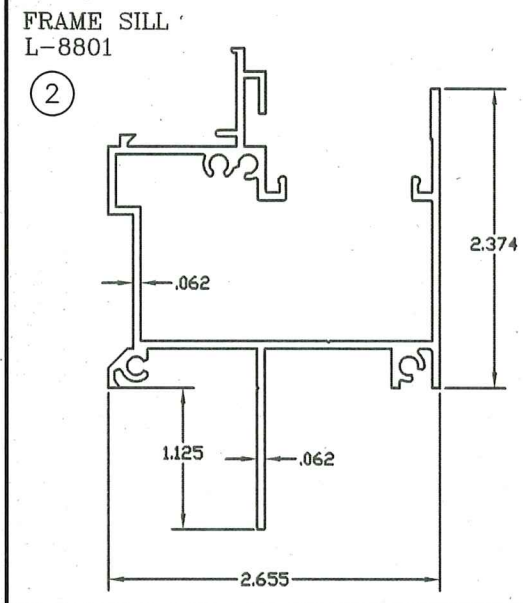
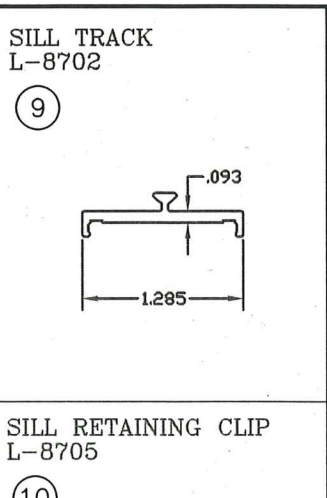
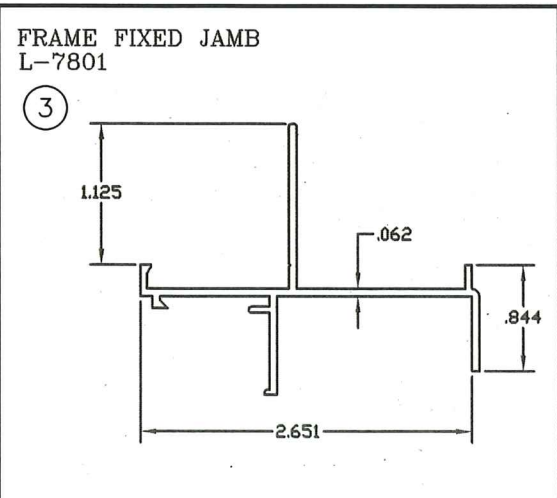
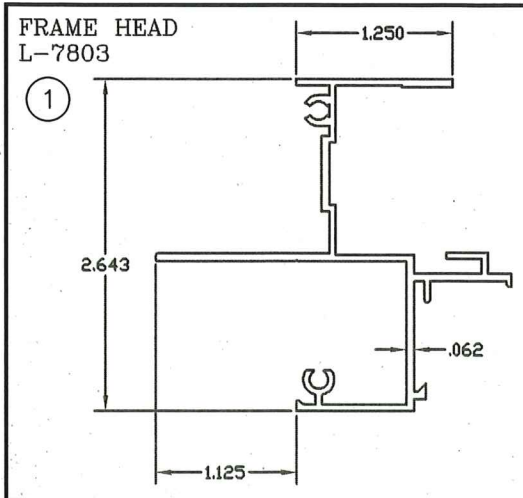
DRAWN BY: N. Erazo		DATE: 12/18/2023	
REV. BY: N. Erazo		DATE: 09/05/2025	
DWG #: CWS-1242		REV #: A	
SCALE: ---		SHEET 3 OF 5	

FIN FRAME IMPACT WINDOW BILL OF MATERIALS				
ITEM #	PART #	REQD.	DESCRIPTION	REMARKS
1	L-7803	1	FIN FRAME HEAD	6063-T6 ALUMINUM
2	L-8801	1	FIN FRAME SILL	6063-T6 ALUMINUM
3	L-7801	1	FIN FRAME FXD. JAMB	6063-T6 ALUMINUM
4	L-7704	1	FRAME FIXED MEETING RAIL	6063-T6 ALUMINUM
5	L-7705	1	VENT MEETING RAIL	6063-T6 ALUMINUM
6	L-7707	1	VENT TOP/BOTTOM RAIL	6063-T6 ALUMINUM
7	L-8802	1	FIN FRAME VENT JAMB	6063-T6 ALUMINUM
8	L-7706	1	VENT JAMB LATCH RAIL	6063-T6 ALUMINUM
9	L-8702	1	FRAME SILL TRACK	6063-T5 ALUMINUM
10	L-8705	1	FRAME SILL RETAINING CLIP	6063-T5 ALUMINUM
11	L-7708	AS REQ'D.	GLAZING BEAD (3/8")	6063-T5 ALUMINUM
12	FS-006	AS REQ'D.	ASSEMBLY (SMS) SCREWS	#8 X 1" P.H./ SQ. RECESS
13	FS-040	AS REQD.	INSTALLATION SCREWS	#12 SMS F.H./PHIL.
14	L-7531	AS REQ'D.	VENT JAMB VINYL WTS'P	1/4" DIA. BULB #3033
15	PWS-003	AS REQ'D.	FIN SEAL WEATHERSTRIP	.187" w x .230" h
16	PWS-005	AS REQ'D.	FIN SEAL WEATHERSTRIP	.187" w x .350" h
17	PWS-009	AS REQ'D.	FIN SEAL WEATHERSTRIP	.187" w x .310" h
18	L-7709	AS REQ'D.	GLAZING BEAD (INSULATED)	6063-T5 ALUMINUM
19	L-7531	AS REQ'D.	BEAD VINYL BULB	1/4" DIA. BULB #3033
20	*	AS REQ'D.	BEAD WOVEN PILE	.187"w X .150"h
21	L-7539	2	VENT EXTRUDED LATCH	6063-T5 ALUMINUM
22	HC-057-1	2	VENT MOLDED LATCH	MOLDED NYLON
23	*	1 x LATCH	LATCH SPRING	STAINLESS STEEL
24	*	2	SILL/JAMB JOINT GASKET	1/16" CLOSED CELL FOAM
25	FS-041	2	SILL RAIL ASSEMBLY SCREW	#8 X 2 1/4" P.H./PHIL.
26	HC-044-1	2	WEEP FLAP & BAFFLE	
27	HC-040-1	2	SASH ROLLER & HOUSING	
28	HC-026-1	1	SCREEN FRAME & MESH	
29	*	1	ATTACHMENT SCREW @ CLIP	#8 X 5/8" S.D.S.
30	*	2	LAMINATED GLASS	See Detail @ sheet 1 of 5
31	SM-5504	AS REQ'D.	GLAZING SILICONE	See Detail @ sheet 1 of 5
32 a	"TrueSeal"	AS REQ'D.	Insulated Glass Swiggle Seal	1/4" air space
32 b	"Quanex"	AS REQ'D.	Insulated Glass SuperSpacer	1/4" air space
32 c	"Quanex"	AS REQ'D.	Insulated Glass Duraseal	1/4" air space
33	ITW	AS REQ'D.	ACRYL-R JOINT SEALANT	SM-5504 / 5591
34	*	AS REQ'D.	PERIMETER ACRYLIC CAULK	OSI POLYSEAMSEAL
35	*	1	PRODUCT LABEL	

	Code Size	Frame Buck Size		Frame Installation Anchors			Design Load as per Glass Type							
		Width (in)	Height (in)	Head Sill	Each Jamb	Total Req'd.	"A" (Annealed)		"B" (H.S.)		"C" (Ann./Insulated)		"D" (Tem./Insulated)	
		P(+)	P(-)	P(+)	P(-)	P(+)	P(-)	P(+)	P(-)					
COMMODITY SIZES	12	18.125	25	2	3	10	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	13	18.125	37.375	2	3	10	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	14	18.125	49.625	2	4	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	15	18.125	62	2	5	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	H32	25.5	25	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	H33	25.5	37.375	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	H34	25.5	49.625	3	4	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	H35	25.5	62	3	5	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	22	36	25	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	23	36	37.375	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	24	36	49.625	3	4	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	25	36	62	3	5	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	32	52.125	25	4	3	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	33	52.125	37.375	4	3	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	34	52.125	49.625	4	4	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	35	52.125	62	4	5	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	D22	73	25	6	3	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
D23	73	37.375	6	3	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
D24	73	49.625	6	4	20	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
D25	73	62	6	5	22	-	-	60.0	60.0	60.0	60.0	60.0	60.0	
MODULAR SIZES	2020	23	23	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	2030	23	35	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	2040	23	47	3	4	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	2050	23	59	3	5	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	3020	35	23	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	3030	35	35	3	3	12	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	3040	35	47	3	4	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	3050	35	59	3	5	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	4020	47	23	4	3	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	4030	47	35	4	3	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	4040	47	47	4	4	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	4050	47	59	4	5	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
	5020	59	23	5										

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

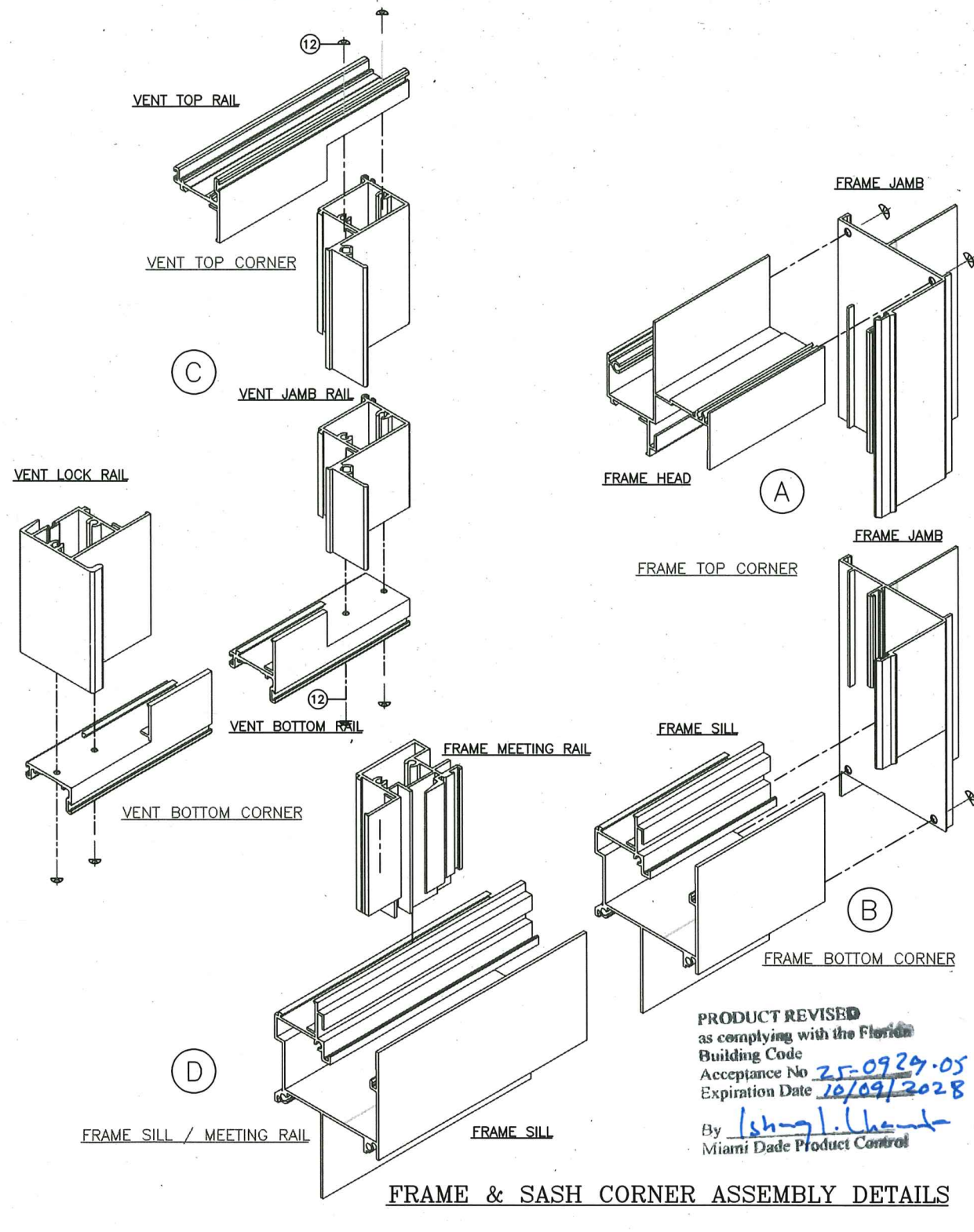
1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC									
7200 ALUMINUM HORIZONTAL SLIDER - IMPACT FIN FRAME									
								09/05/25	
								N.E.	DATE:
								BY:	
								Revises NDA # 23-0907.03	
								DESCRIPTION:	
								NO.:	REVISIONS
								A	
DATE SEP 25 2025									
THOMAS J. SOTOS, P.E. FL P.E. LIC. # 55225									
SHEET DESCRIPTION: DESIGN LOAD CHART WITH GLASS OPTIONS (XO or OX) AND BILL OF MATERIALS									
DRAWN BY:					DATE:				
N. Erazo					12/18/2023				
REV. BY:					DATE:				
N. Erazo					09/05/2025				
DWG #:							REV #:		
CWS-1242							A		
SCALE:					SHEET				
---					4 OF 5				



Notes

1. BOTH EXTRUDED ALUMINUM AND MOLDED NYLON LIFT HANDLE LOCKS ARE QUALIFIED FOR USE ON ALL WINDOWS.
2. ONLY TWO (2) LOCKS ARE REQUIRED PER EACH VENT.

SASH OR VENT LOCK OPTIONS



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0929-05
Expiration Date 10/09/2028
By *[Signature]*
Miami Dade Product Control

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

**7200 ALUMINUM
HORIZONTAL SLIDER -
IMPACT FIN FRAME**

NO.	DESCRIPTION	BY	DATE
A	Revises NDA # 23-0907.03	NE	09/05/25

DATE **SEP 25 2025**

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

SHEET DESCRIPTION:
EXTRUSION DETAILS AND
CORNER ASSEMBLY DETAILS

DRAWN BY:	DATE:
N. Erazo	12/18/2023
REV. BY:	DATE:
N. Erazo	09/05/2025
DWG #:	REV #:
CWS-1242	A
SCALE:	SHEET
---	5 OF 5