

## DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

### **NOTICE OF ACCEPTANCE (NOA)**

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

MIAMI-DADE COUNTY

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 "7200 (Fin Frame)" Aluminum Horizontal Sliding Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **CWS-1212**, titled "7200 Aluminum Horizontal Slider-Fin frame Impact Window", sheets 1 through 5 of 5, dated 12/18/23, prepared by manufacturer and signed and sealed by Thomas J. Sotos, P.E., on 12/18/23, bearing Product Control Revision stamp with the Notice of Acceptance number and the expiration 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, 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 #23-0907.03 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI:DADE COUNTY
APPROVED

Helg A. M. W. 02/01/2024

NOA No. 24-0116.08 Expiration Date: 10/09/2028 Approval Date: 02/01/2024

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-07-4394**, dated 02/28/08 and **HETI-08-2039**, dated 01/30/08; all signed and sealed by Candido F. Font, P.E.

### 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

(Submitted under NOA No.08-0701.03)

### D. QUALITY ASSURANCE

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

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 24-0116.08 Expiration Date: 10/09/2028 Approval Date: 02/01/2024

### 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** 6<sup>th</sup> **Edition (2017)**, and of "No financial interest" dated November17, 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)
- 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.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 24-0116.08

**Expiration Date: 10/09/2028 Approval Date: 02/01/2024** 

### 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** 7<sup>th</sup> **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.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 24-0116.08

Expiration Date: 10/09/2028 Approval Date: 02/01/2024

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### 4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA 323-0907.03

#### 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. **OUALITY 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** 8<sup>th</sup> **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.

Melmy A. Makar, P.E., M.S. Product Control Section Supervisor

duct Control Section Supervisor NOA No. 24-0116.08

**Expiration Date: 10/09/2028 Approval Date: 02/01/2024** 

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### 5. NEW EVIDENCE SUBMITTED

### A. DRAWINGS

1. Drawing No. **CWS-1212**, titled "7200 Aluminum Horizontal Slider-Fin frame Impact Window", sheets 1 through 5 of 5, dated 12/18/23, prepared by manufacturer and signed and sealed by Thomas J. Sotos, P.E., on 12/18/23.

### 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. None.

### F. STATEMENTS

- Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, dated 12/18, 2023, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
- 2. Statement letter of no financial interest, dated December 18, 2023, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
- 3. Private Labeling Agreement document in conformance to Product Control guidelines dated 01/11/24, signed by Kevin E. Pine, Vice President.

### G. OTHERS

1. Notice of Acceptance No. **23-0907.03**, issued to Lawson Industries, Inc. for their Series "hS-8800 (Fin Frame)" Aluminum Horizontal Sliding Window – L.M.I., approved on 10/05/23 and expiring on 10/09/28.

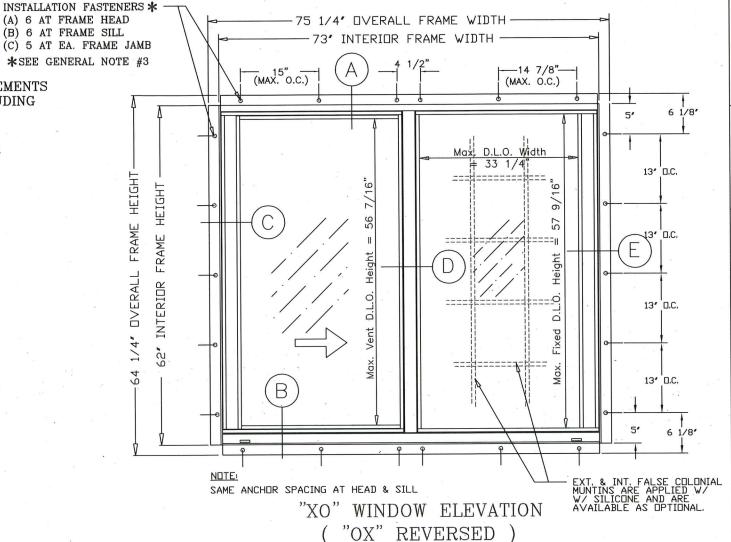
Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

> NOA No. 24-0116.08 Expiration Date: 10/09/2028 Approval Date: 02/01/2024

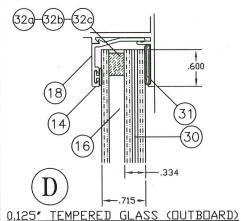
E - 5

### General Notes:

- 1.) THIS WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (2020-7th Edition & 2023-8th Edition) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) AND ASTM 1300-09. THIS PRODUCT IS IMPACT RESISTANT AND DOES NOT REQUIRE SHUTTERS.
- 2.) 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.
- 3.) 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.
- 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.) XO or OX WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE LAMINATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).
- 6.) XO or OX WINDOWS ARE QUALIFIED FOR USE WITH DOUBLE GLAZE LAMINATED INSULATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).
- 7.) SEE SHEET #3 FOR LOCK DETAILS & OPTIONS.
- 8.) SEE SHEET #1 FOR GLAZING DETAILS & OPTIONS. (REFER TO SHEETS #4, FOR MAX. DESIGN PRESSURES.
- 9.) WOOD OPENINGS SHALL BE PROTECTED WITH AN APPROVED MOISTURE RESISTANT WEATHERBARRIER (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #3 FOR INSTALLATION DETAIL)
- 10.) 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



### HORIZONTAL SLIDER WINDOW - IMPACT FIN FRAME

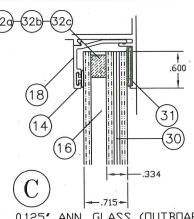


\*(QUALIFIED FOR SMALL MISSILE IMPACT) 0.125' ANN. GLASS (INBOARD) LAMINATED w/ 0.090' PVB & INSULATED w/ 0.250" AIR SPACE 0.340" TOTAL GLASS THICKNESS

(30) Laminate Types & Options

1) Trosifol PVB by: Kuraray America, Inc.

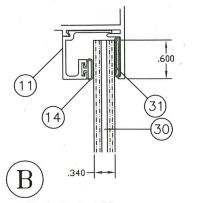
2) Saflex PVB by: Eastman Chemical Company



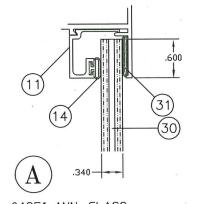
0.125' ANN. GLASS (DUTBDARD) (NOT QUALIFIED FOR SMALL MISSILE IMPACT) 0.125' ANN. GLASS (INBOARD) LAMINATED w/ 0.090' PVB & INSULATED w/ 0.250' AIR SPACE 0.340" TOTAL GLASS THICKNESS

Insulated Spacer Types & Options 32 a) "TrueSeal" Swiggle Seal

32 b) "Quanex" SuperSpacer w/ Isomelt M 32 c) "Quanex" Duraseal



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



0.125" ANN. GLASS LAMINATED w/ 0.090" PVB

GLAZING DETAILS, OPTIONS AND DESCRIPTION

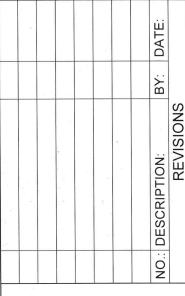
(NOTE: SEE DP CHARTS AT SHEET 4 OF 5)

PRODUCT REVISED



OCALA, FLORIDA 34474 www.cws.cc

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

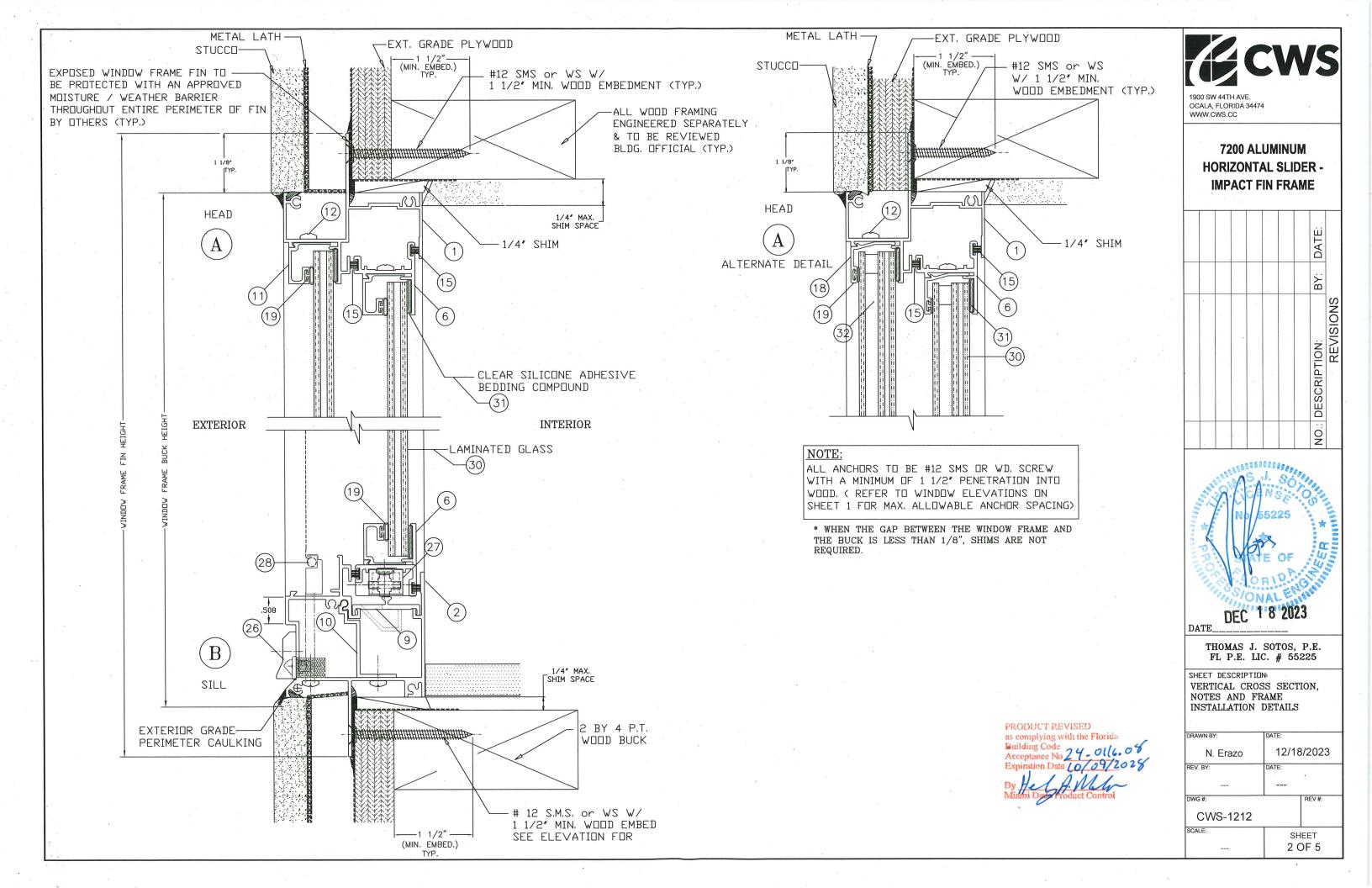


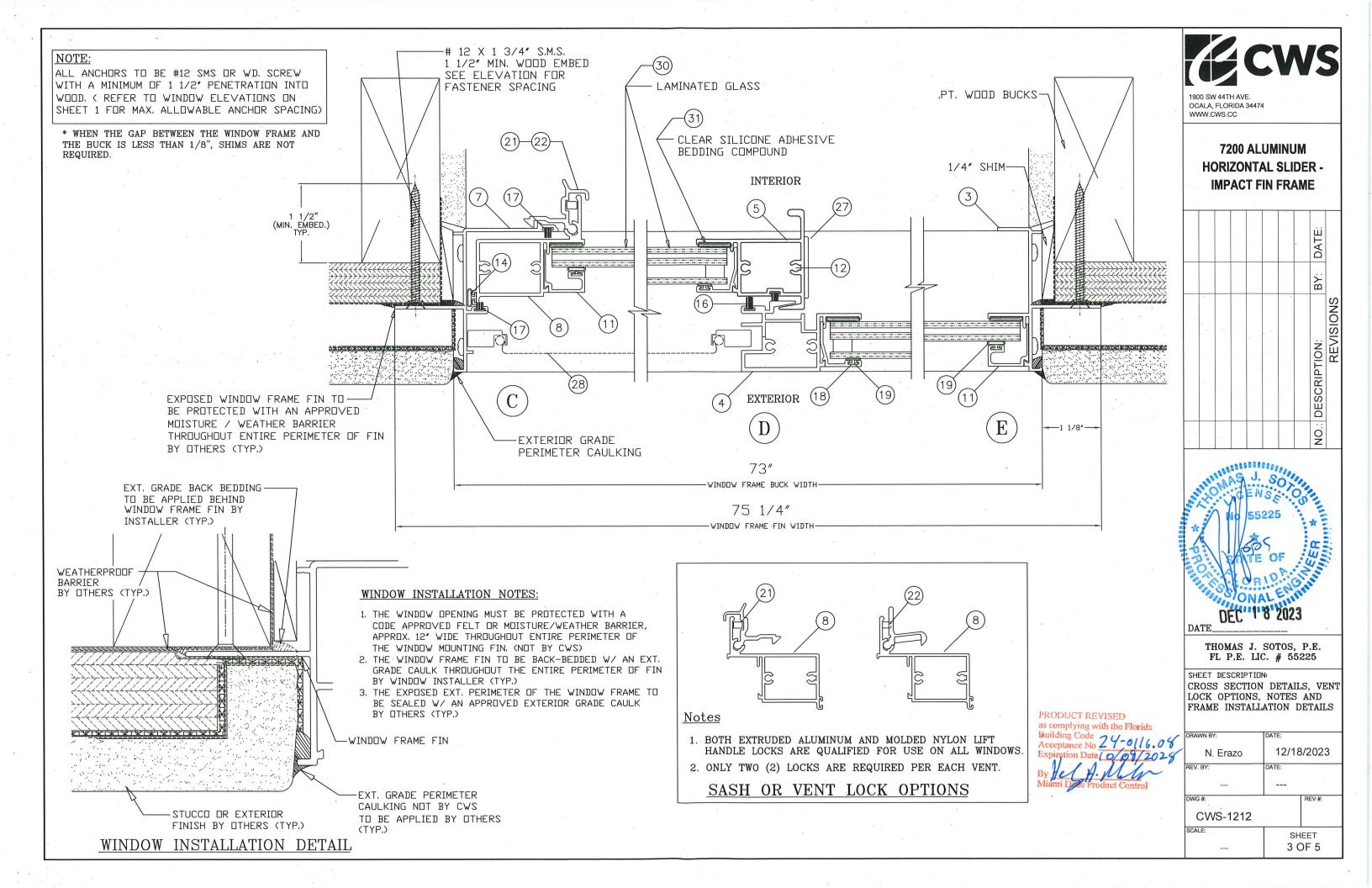


THOMAS J. SOTOS, P.E. FL P.E. LIC. # 55225

SHEET DESCRIPTION: APPROVED ELEVATION, GLAZING DETAILS AND GENERAL NOTES

١			
	DRAWN BY:	DATE:	
	N. Erazo	12/18	3/2023
1	REV. BY:	DATE:	
	DWG #:		REV #:
	CWS-1212		4
	SCALE:		EET OF 5
		'	71 5





* .	FIN F	RAME IM	PACT 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	/ENT 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-7708P	AS REQ'D.	GLAZING BEAD ( 3/8" )	6063-T5 ALUMINUM		
12	FS-006	AS REQ'D.	FRAME ASSEMBLY SCREWS	#8 X 3/4" P.H. PHILLIPS		
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.	COLONIAL FALSE MUNTIN	ALUMINUM		
21	L-7539	2	VENT EXTRUDED LATCH 6063-T5 ALUMINUM			
22	HC-057-1	2	VENT MOLDED LATCH MOLDED NYLON			
23	*	1 × 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	Ŷ		
27	HC-040-1	2	SASH ROLLER & HOUSING	*		
28	HC-026-1	1	SCREEN FRAME & MESH	e e		
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	SM-5504	AS REQ'D.	JOINT SEALANT			
34	*	AS REQ'D.	PERIMETER ACRYLIC CAULK	OSI POLYSEAMSEAL		
35	*	1	PRODUCT LABEL			

# Impact Horizontal Sliding Fin Window Configuration: "XO or OX"

		Frame Buck Size Frame Installation Anchors		Design Load as per Glass Type											
	Code	Width	Height	Head	Each	Total	"A" (An	"A" (Annealed)		"B" (H.S.)		"C" (Ann./Insulated)		"D" (Tem./Insulated)	
	Size	(in)	(in)	Sill	Jamb	Reg'd.	P(+)	P(-)	P(+)	P(-)	P(+)	P(-)	P(+)	P(-)	
	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	
Щ	H34	25.5	49.625	3	4	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
SIZES	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	
COMMODITY	25	36	62	3	5	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
Σ	32	52.125	25	4	3	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
8	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	
16.	D24	73	49.625	6	4	20	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
, 41	D25	73	62	6	5	22	-	-	60.0	60.0	60.0	60.0	60.0	60.0	
	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	
SIZES	3040	35	47	3	4	14	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
Z	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	
MODULAR	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	
ᆸ	4050	47	59	4	5	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
2	5020	59	23	5	3	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
2	5030	59	35	5	3	16	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
-	5040	59	47	5	4	.18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
	5050	59	59	5	5	20	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
	6020	71	23	6	3	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
	6030	71	35	6	3	18	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
	6040	71	47	6	4	20	48.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0	
	6050	71	59	6	5	22	-	. =	60.0	60.0	60.0	60.0	60.0	60.0	

Note: (\*) WINDOWS WITH GLASS TYPES "C" INSTALLED ABOVE 30FT. IN THE HVHZ, THE I.G. EXTERIOR LITE SHALL BE TEMPERED.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24.0 (6.08
Expiration Date 0/09/2029

By J. H. M. Miami Date Product Control



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

### 7200 ALUMINUM HORIZONTAL SLIDER -IMPACT FIN FRAME

		2			BY: DATE:	
					NO. DESCRIPTION:	REVISIONS
	5				NO.:	



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:
"	
DWG #:	REV#:
CWS-1212	
SCALE:	SHEET

