Lawson Industries, Inc.
8501 NW 90 Street
Medley, FL 33166

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 “HS-8600 (Fin-Frame)” Aluminum Horizontal Sliding Window – N.I.

APPROVAL DOCUMENT: Drawing No. L8600-0401, titled “HS-8600 Horizontal Rolling Fin Window”, sheets 1 through 8 of 8, dated 05/02/05 with revision “D” dated 07/31/2020, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

Limitations:
1. See Design Pressure VS window sizes, configuration, glass types, meeting rails and sill types in sheets 5 & 6.
2. In XOX configurations, the Fixed panel (O) DLO (daylight opening) must not exceed 56-7/8”W x 58-1/2”H.

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 renews NOA No. 17-1212.15 and 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 Sifang Zhao, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCESUBMITTED UNDER PREVIOUS NOAs

A. DRAWINGS
1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 05-0919.04)*
2. Drawing No. L8600-0401, titled “HS-8600 Horizontal Rolling Fin Window”, sheets 1 through 8 of 8, dated 05/02/05, with revision C, prepared by manufacturer, and 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 3603.2 (b) and TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-4533, dated 06/22/05, FTL-4541, dated 06/24/05, FTL-4429, dated 06/24/05 and FTL-4413, dated 06/23/05, all signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 05-0919.04)*
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   2) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-4578, dated 06/24/05 and FTL-4456, dated 06/23/05, both signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 05-0919.04)*
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-4553, dated 06/22/05, FTL-4547, dated 06/23/05, FTL-4588, dated 06/24/05, FTL-4594, dated 06/24/05 and FTL-4457, dated 06/24/05, all signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 05-0919.04)*

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC, prepared by Lawson Industries, Inc., dated 08/17/05 and 10/20/10, both signed and sealed by Thomas J. Sotos, P.E. *(Submitted under NOA No. 10-1025.03)*
2. Glazing complies with ASTM E1300-98

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

E. MATERIAL CERTIFICATIONS
1. None.

Sifang Zhao, P.E.
Product Control Examiner
NOA No. 20-0813.03
Expiration Date: February 23, 2026
Approval Date: October 15, 2020
F. STATEMENTS
1. Statement letter of conformance to FBC 2017 (6th Edition) and “No financial interest” dated 11/17/17, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
2. Statement letter of no financial interest, dated 08/15/05, signed and sealed by Thomas J. Sotos, P.E.
   (Submitted under NOA No. 05-0919.04)
3. Laboratory compliance letter for Test Reports No. FTL-4533, dated 06/22/05,
4. FTL-4541, dated 06/24/05, FTL-4429, dated 06/24/05, FTL-4413, dated 06/23/05, FTL-4578, dated 06/24/05, FTL-4456, dated 06/23/05, FTL-4553, dated 06/22/05, FTL-4547, dated 06/23/05, FTL-4588, dated 06/24/05, FTL-4594, dated 06/24/05 and FTL-4457, dated 06/24/05, all issued by Fenestration Testing Laboratory, Inc., signed and sealed by Edmundo J. Largaespada, P.E.
   (Submitted under NOA No. 05-0919.04)

G. OTHERS

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing No. L8600-0401, titled “HS-8600 Horizontal Rolling Fin Window” dated 05/02/05, with revision “D” dated 07/31/2020, sheets 1 through 8 of 8, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, P.E.

B. Test
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
1. Statement letter of conformance to FBC 2017 (6th Edition) and FBC 2020(7th Edition) and “No financial interest” dated 08/03/2020, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHER
1. This NOA renews # 17-1212.15, expiring 02/23/21.
SERIES-8600 HORIZONTAL SLIDING WINDOW - FIN FRAME - (NON-IMPACT)

General Notes:

1.) This window system is designed and tested to comply with the requirements of the Florida Building Code (2017 –6th Edition & 2020 –7th Edition) including High Velocity Hurricane Zone (HVHZ) and ASTM 1500-96. This product is not impact resistant. Windows are to be protected with Miami-Dade County Approved Impact Resistant Shutters.

2.) 2 X Wood bucks shall be installed and anchored so that the building resists the superimposed loads in accordance with requirements of the P.B.C. & 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 drawings 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 glass types tabulated herein (See Sheet 6).

6.) Xo windows are qualified for use with single glass glaze types tabulated herein (See Sheet 6).

7.) Xo, ox, xo windows are qualified for use with double glaze glass types tabulated herein (See Sheet 7).

8.) See Sheet 4 for lock details & options.

9.) See Sheet 4 for glazing details & options (Refer to Sheets 5, 6, & 7 for design pressures.

10.) Tempered glass may be used, but design pressures are limited to load tables on sheets 5, 6, & 7.

11.) Wood opening shall be protected with an approved moisture resistant weather barrier (by others) prior to window installation. (See Sheet 8 for detail).

12.) Materials including but not limited to steel screws, that come into contact with other dissimilar materials shall meet the requirements of the Florida Building Code.

"XO" WINDOW ELEVATION

"XOX" WINDOW ELEVATION

PRODUCT RENEWED as complying with the Florida Building Code
NOA-No. 20-0313.03
Expiration Date 02/23/2026
By Miami-Dade Product Control
Sill w/ 1/2" Risers Adapter
(Field Applied w/ Clear Silicone)

NOTE:
All anchors to be #12 SMS or WD Screw
with a minimum of 1 1/2" penetration
into wood. Refer to load tables
for quantities required.

* When the gap between the window frame and
the brick is less than 1/8", shims are not
required.
**HS6060 FIN FRAME WINDOW — BILL OF MATERIALS**

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<th>PART #</th>
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**Notes:**
1. BOTH EXTRUDED ALUMINUM AND PLASTIC LIFT HANDLE LOCKS ARE QUALIFIED FOR USE ON ALL WINDOWS.
2. THE CAM LOCK IS QUALIFIED FOR USE ON THE 1/8" ANNEALED AND 3/16" ANNEALED WINDOWS ONLY.
3. ONLY TWO (2) LOCKS ARE REQUIRED PER EACH VENT.

**LOCK (LATCH AND SWEEP) OPTIONS**

**Glazing Detail & Description**

- **Monolithic Glass — Single Glaze**
  - Consist of: 1/8"/3/16"/1/4" THICK
  - See Design Pressure Table

- **Overall Insulated Glass**
  - Consist of: 1/8" (1/4" OR 1/2" THICK)
  - 1/4" Air Space
  - See Design Pressure Table

**Glazing Sealant Types & Options**

1. Schnee-Morehead 5731
2. Schnee-Morehead 0782
3. GE 363 1000 Clear Silicone
4. Dow Corning Clear Silicone

**PRODUCT RENEWED** as complying with the Florida Building Code
NOA-No.: 20-0813.03
Expiration Date: 02/23/2026

By
Miami-Dade Product Control
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**Note:** Adjust table content as per actual data.
### 9300 Non Impact Horizontal Sliding Window Test # TFL 4094 - 3/16" Annodized Fin Frame (XOX) w/ HEAVY DUTY MEETING RAIL & STANDARD SILL

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### 8600 Non Impact Horizontal Sliding Window Test # TFL 4078 - 1/8" Annodized Fin Frame (XOX) w/ HEAVY DUTY MEETING RAIL & STANDARD SILL

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**MONOLITHIC GLASS – SINGLE GLAZE**
**(SEE DESIGN PRESSURE TABLES)**

Note:

1. WINDOW WIDTHS & HEIGHTS ARE THE OVERALL FRAME DIMENSIONS.

---

**Product Renewal:**

- **Building Code:**
  - Florida Building Code
  - NOA-No.: 20-0813.02
- **Expiration Date:** 02/23/2023

**Miami-Dade Product Control**

**Product Approval No.:** MIAD-0500.01

**Class:**
- B - Structural to Comply A - 2015

---

**NSF 50**

**Description:**
- NSF 50 – Epoxy Glue
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

---

**NSF 61**

**Description:**
- NSF 61 – Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

---

**NSF 16**

**Description:**
- NSF 16 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

---

**NSF 51**

**Description:**
- NSF 51 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

---

**NSF 16/30**

**Description:**
- NSF 16/30 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/12**

**Description:**
- NSF 16/12 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/50**

**Description:**
- NSF 16/50 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/5**

**Description:**
- NSF 16/5 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/10**

**Description:**
- NSF 16/10 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/20**

**Description:**
- NSF 16/20 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

---

**NSF 16/30**

**Description:**
- NSF 16/30 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/40**

**Description:**
- NSF 16/40 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/50**

**Description:**
- NSF 16/50 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength

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**NSF 16/60**

**Description:**
- NSF 16/60 – Non Food Service Contact Adhesive
  - Bonds to Glass & Metal
  - 200% Shear Strength
  - 20% Fatigue Strength
LAWSON INDUSTRIES, INC.

MFG No. 8600 - HORIZONTAL ROLLING PIN WINDOW

MANUFACTURER OF QUALITY ALUMINUM ROLLUPS & GLASS DOORS

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 20-0813.03
Expiration Date 02/23/2026
By Miami-Dade Product Control

FRAME HEAD
L-7603

VENT INTERLOCK RAIL (Heavy Duty)
L-7508

GLAZING HEAD
L-7516

VENT INTERLOCK RAIL (Standard Duty)
L-7505

FRAME SILL RISER ADAPTER
L-8503

VENT BOTTOM CORNER

FRAME BOTTOM CORNER

FRAME & SASH CORNER DETAILS

VENT JAMB RAIL
L-7507

FRAME SILL
L-8601

WEATHERPROOF BARRIER BY OTHERS (TYP.)

VENT TOP / BOTTOM RAIL
L-7508

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

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 LAWSON INDUSTRIES)
2. THE WINDOW FRAME FIN TO BE BACK-BEDED 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.)

STUCCO OR EXTERIOR FINISH BY OTHERS (TYP.)

WINDOW FRAME FIN

DUFOUR-PASCHAL, INC.
8501 W. 99th St.
MIDWEST, FLORIDA, 33166
PH. No. (305) 688-8660

LAWSON-8600-0400
Sheet 8 of 8

DRAWING NUMBER

DATE

SCALE

Product Approval Number

Drawing Sheet No.

CONTRACTOR

STATE OF FLORIDA

MATERIAL SAFETY DATA SHEET

Miami-Dade County

EXTRUSION DETAILS & CORNER ASSEMBLY DETAILS

BY LAWSON INDUSTRIES, INC.