

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

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** 

# **NOTICE OF ACCEPTANCE (NOA)**

Reynaers, Inc. 21430 N. 15<sup>th</sup> Lane, Suite 100 Phoenix, AZ 85027

#### 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 "CS77" Aluminum Fixed Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **CS77FIXLMI**, titled "CS77 Series Fixed Window", sheets 1 through 8 of 8, dated 07/30/18, prepared by manufacturer, signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County 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 Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 18-1226.01 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

8/19/21

NOA No. 21-0615.11 Expiration Date: April 25, 2024 Approval Date: August 26, 2021 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. 18-1226.01)
- 2. Drawing No **CS77FIXLMI**, titled "CS77 Series Fixed Window", sheets 1 through 8 of 8, dated 07/30/18, prepared by manufacturer, signed and sealed by Scott Wolters, P.E.

(Submitted under NOA No. 18-1226.01)

## B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per ASTM F588, and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Intertek, Inc. Test Report No. **G3983.01-450-18 R0**, dated 11/01/18, signed and sealed by Vinu J. Abraham, P.E.

# (Submitted under NOA No. 18-1226.01)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per ASTM F588, and TAS 202-94

along with marked-up drawings and installation diagram of a aluminum fixed and outswing casement window mulled units, prepared by Intertek, Inc. Test Report No. **G4624.01-450-18 R0**, dated 11/02/18, signed and sealed by Vinu J. Abraham, P.E. (Submitted under NOA No. 18-1226.01)

#### C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC** 6<sup>th</sup> **Edition** (2017), dated 11/16/18 and 03/28/19, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.

(Submitted under NOA No. 18-1226.01)

2. Glazing complies with ASTM E1300-09

## D. QUALITY ASSURANCE

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

Manuel Perez, P.E.
Product Control Examiner

NOA No. 21-0615.11 Expiration Date: April 25, <del>20</del>24 Approval Date: August 26, 2021

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- E. MATERIAL CERTIFICATIONS
  - 1. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/28/17, expiring on 07/04/23.
  - 2. Project No. TFB-001-02-01, prepared by PRI Construction Materials Technologies LLC, dated 02/08/18 to 08/16/18, issued to Technoform Bautec, for their I-Strut Insulating Strip comprised of Polyamide with 25% glass fibers, per ASTM D1929-16 "Standard Test Method for Ignition Properties of Plastics", per ASTM D635-14 "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position", per ASTM D638-14 "Standard Test Methods for Tensile Properties of Plastics", per ASTM G155-04 "Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials" and ASTM D2843-16 "Standard Test Method for the Density of Smoke from the Burning Decomposition of Plastics", signed and sealed by Zachary Priest, P.E.
  - 3. Material Data Sheet for "insulating profiles made of PA 66 GF25 dry impact resistant, to fit into Technoform I-Strut<sup>TM</sup> Aluminum Standard Reglet.
  - 4. Test report No. ATI-60520.02-106-18, prepared by Architectural Testing, Inc., dated 11/09/06, with revision date 11/29/06, issued to Ensinger, Inc., for their Tecatherm® 66GF insulbar material comprised of Polyamide with 25% glass fibers, per ASTM G 155-00ae1, "Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials", per ASTM D638-03 "Standard Test Methods for Tensile Properties of Plastics", for exposed & unexposed sample per Xenon Arc after 4500 Hours, ASTM D635-98 "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position", ASTM D1929-96 (2000)e01 "Standard Test Method for Determining Ignition Properties of Plastics" and ASTM D2843-99 "Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics", signed and sealed by Joseph A. Reed, P.E.

## F. STATEMENTS

1. Statement letter of conformance, complying with the **FBC** 6<sup>th</sup> **Edition (2017)**, dated November 16, 2018, issued by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.

(Submitted under NOA No. 18-1226.01)

2. Statement letter of no financial interest, dated November 16, 2018, issued by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E. (Submitted under NOA No. 18-1226.01)

3. Laboratory compliance letters for Test Reports No. G3983.01-450-18 and G4624.01-450-18, issued by Intertek, Inc., dated November 26, 2018, signed and sealed by Vinu J. Abraham, P.E.

(Submitted under NOA No. 18-1226.01)

Manuel Pérez, P.E. Product Control Examiner NOA No. 21-0615.11

Expiration Date: April 25, 2024 Approval Date: August 26, 2021

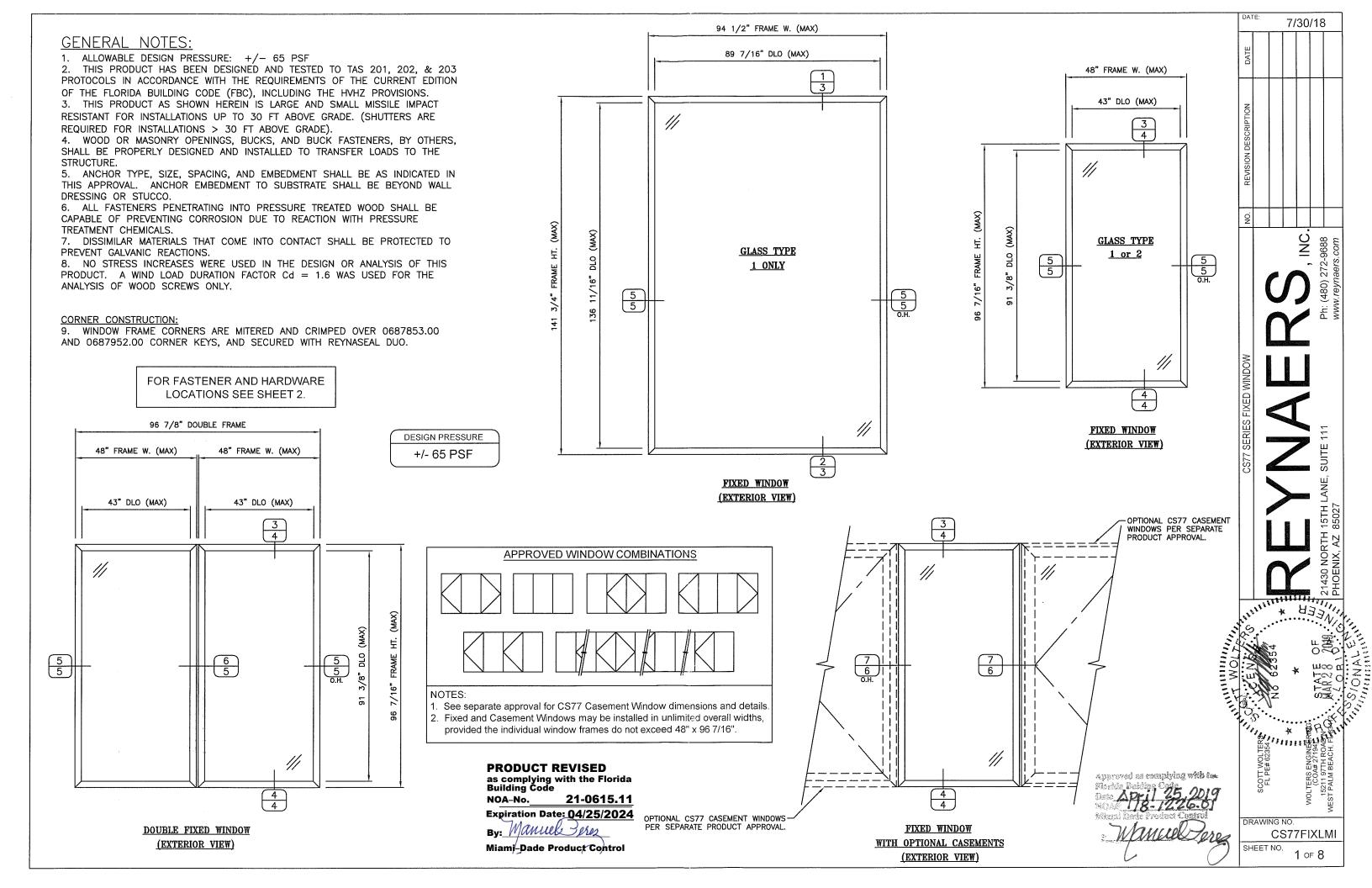
## Reynaers, Inc.

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

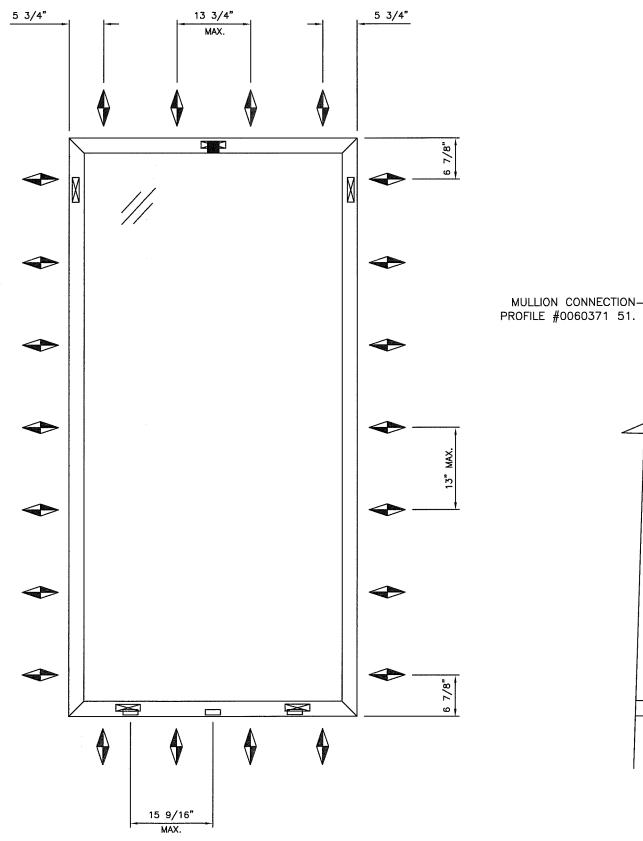
- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- G. OTHERS
  - 1. None.
- 2. NEW EVIDENCE SUBMITTED
- A. DRAWINGS
  - 1. None.
- B. TESTS
  - 1. None.
- C. CALCULATIONS
  - 1. None.
- D. **QUALITY ASSURANCE** 
  - 1. Miami-Dade Department of Regulatory and Economic Resources (RER)
- E. MATERIAL CERTIFICATIONS
  - 1. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America**, **Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 11/19/20, expiring on 07/04/23.
- F. STATEMENTS
  - 1. Statement letter of conformance, complying with the FBC 7<sup>th</sup> Edition (2020), dated April 12, 2021, issued by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.
- G. OTHERS
  - 1. Notice of Acceptance No. **18-1226.01**, issued to Reynaers, Inc. for their Series "CS77" Aluminum Fixed Window L.M.I., approved on 04/25/19 and expiring on 04/25/24.

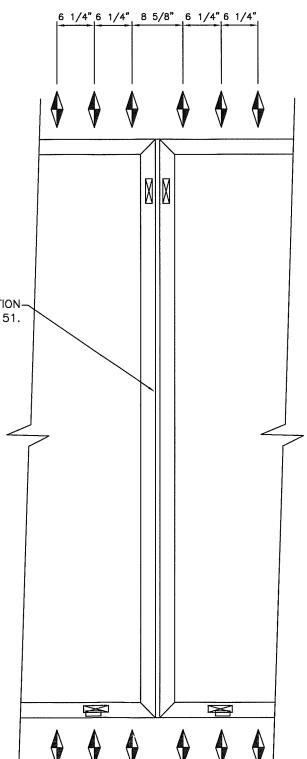
Manuel Perez, P.E.
Product Control Examiner
NOA No. 21-0615.11

Expiration Date: April 25, 2024 Approval Date: August 26, 2021



# FASTENER AND HARDWARE LOCATIONS





## SYMBOL LEGEND:



STRAP ANCHOR 0566016 WITH (2) FASTENERS PER FRAME ANCHOR CHART ON SHEET 7.

- WIDTHS  $\leq$  48". FOR FRAME WIDTHS > 48", LOCATED 7 1/2" FROM CORNERS AND 15 9/16" MAX. O.C.
- FIXED FRAME DECOMPRESSION (3/16" DIA.)

GLASS SETTING BLOCK OR SIDE BLOCK. (SETTING BLOCKS AT 1/4 POINTS, (2) PER LITE)

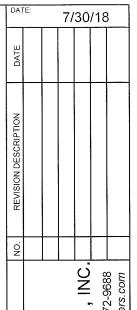
**PRODUCT REVISED** as complying with the Florida Building Code NOA-No.

21-0615.11

**Expiration Date: 04/25/2024** By: Manuel Perez

Miami-Dade Product Control

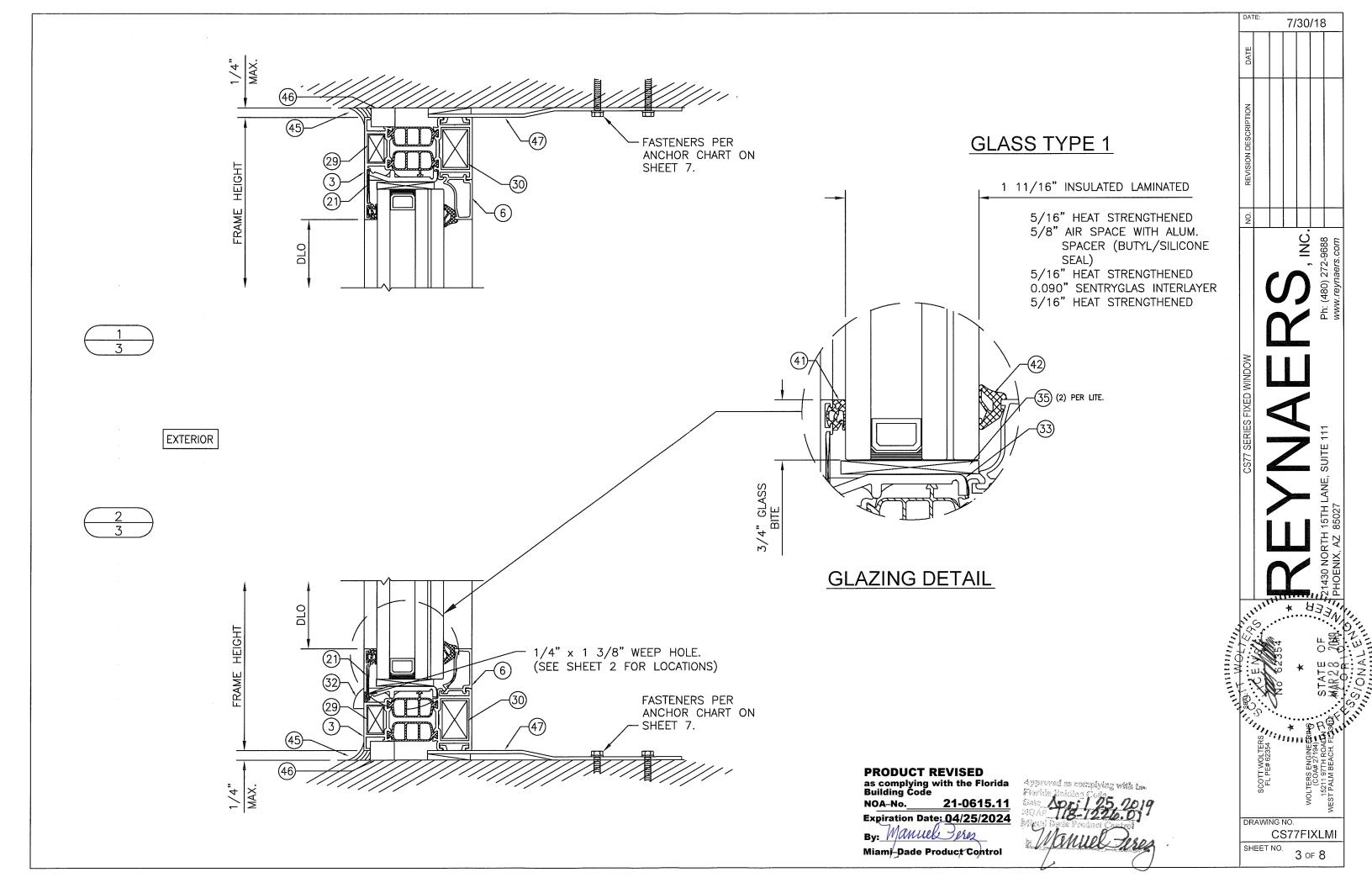
Approved as complying with fix

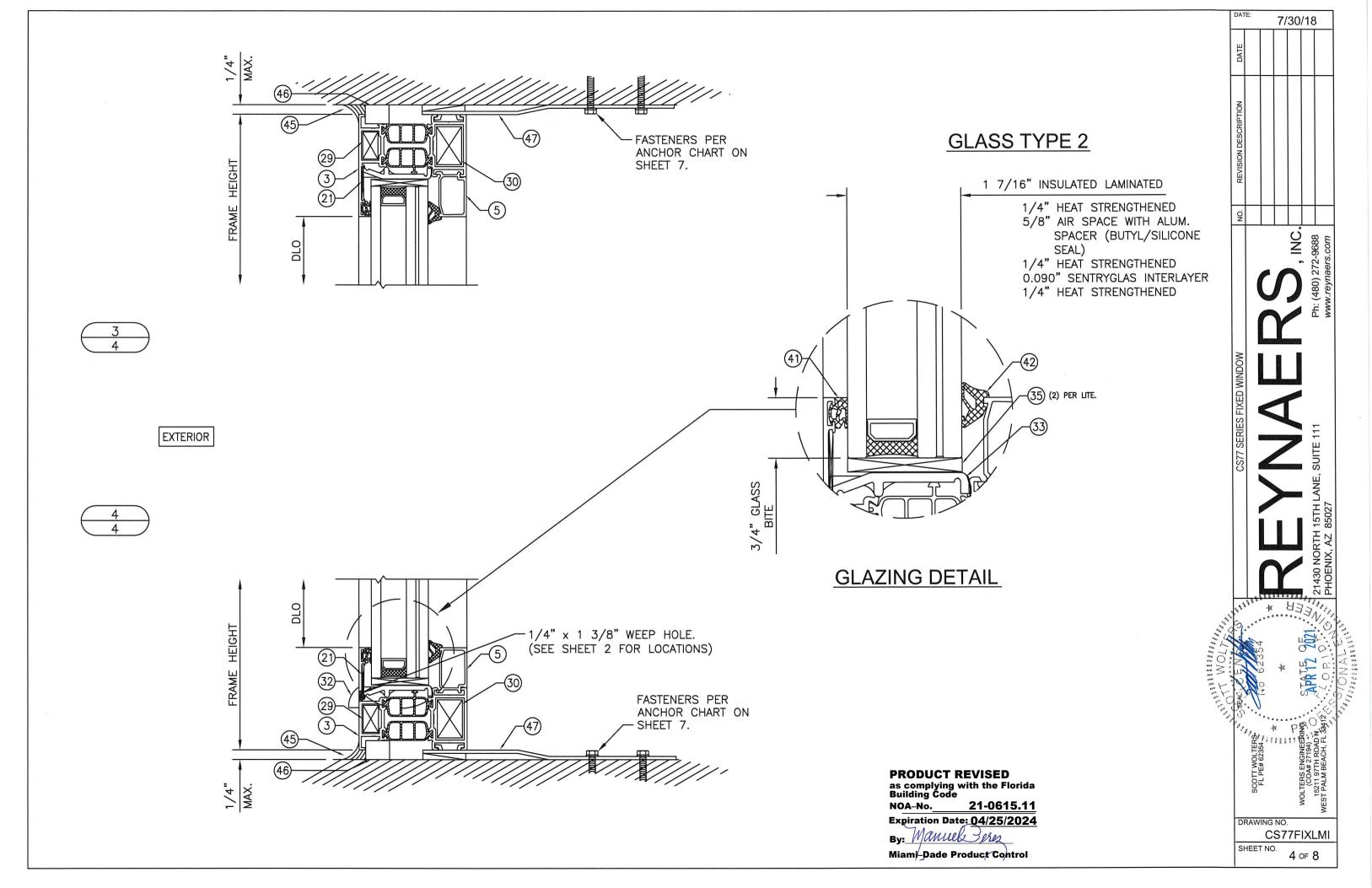


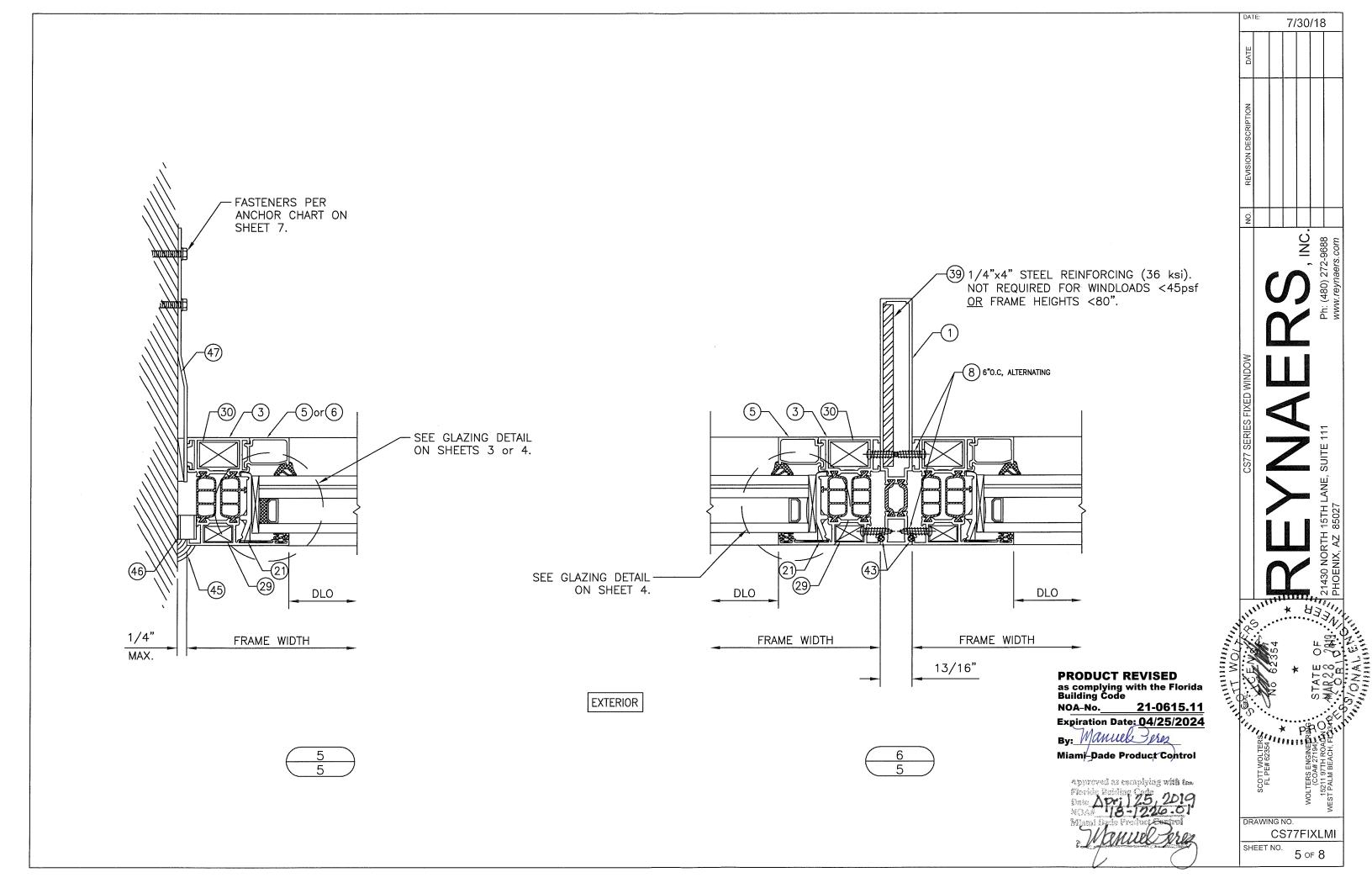
DRAWING NO.

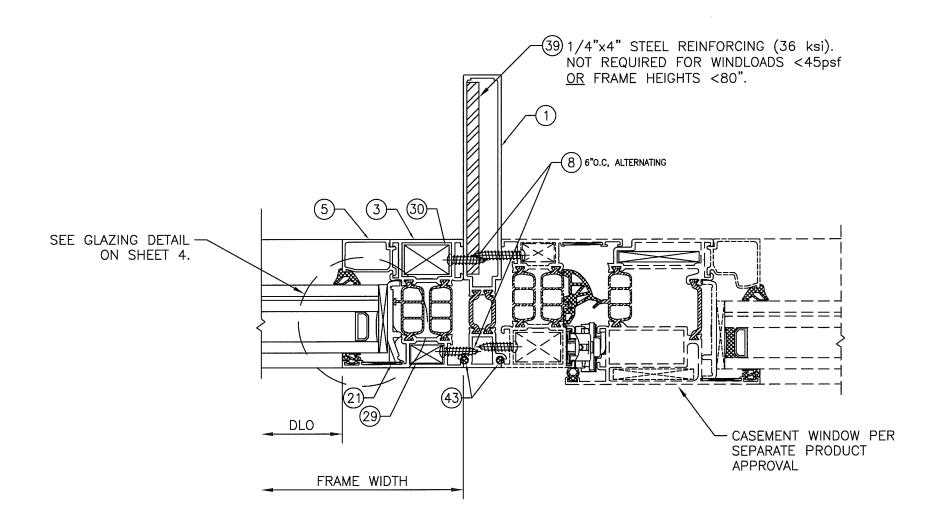
CS77FIXLMI

SHEET NO. 2 of 8









DRAWING NO. CS77FIXLMI

7/30/18

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 21-0615.11

Expiration Date: 04/25/2024

By: Manuel Pres

Miami-Dade Product Control

Florida Building Jake
Cate April 15, 2019
NOAS 18-1226-0
Whami Bade Fraduct Canicol
MAMUEL POLE

SHEET NO. 6 OF 8

