

2428 Old Natchez Trace Trail Camden, TN 38320 Ph. 941-380-1574

> Evaluation Report 492F September 13, 2023

**Product Description:** Series 8100/8150 PVC Single Hung Window, Non Impact, Continuous Head and Sill, Twin Configuration

Manufacturer: Custom Window Systems, Inc. 1900 SW 44<sup>th</sup> Ave, Ocala, FL 34474

**Statement of Compliance:** This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 8<sup>th</sup> Edition (2023) Florida Building Code outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

## **Technical Documentation:**

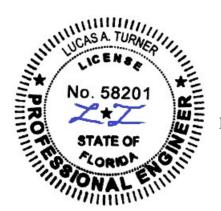
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing CWS-492F, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report NCTL-210-3621-1A, -2A, and -3, National Certified Testing Laboratories, Orlando, FL, signed and sealed by Gerard J. Ferrara, P.E., with testing performed with equivalency to: AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17
- 4) Supplemental Calculations to support CWS-492F, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document CWS-492F.

## **Limitations of Use:** This product:

- May be used in twin unit configuration O/X | O/X with continuous head and sill in sizes up to 74 1/8" x 72" unit size (36 3/8" max. single unit width), 75 3/8" x 73 1/4" flange size, with max. glass daylight heights of 31 15/16" for fixed panel and 32" for sash
- Achieves design pressures as shown in the comparative analysis table in CWS-492F
- Is non-impact and requires the use of shutters in windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires glass as shown in CWS-492F
- Requires Quanex or Veka white rigid PVC framing as shown in CWS-492F

**Certification of Independence:** I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Custom Window Systems or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



9/13/2023 Lucas A. Turner, P.E. FL PE #58201