L. Roberto Lomas P.E.

Engineering Evaluation Report

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Report No.: 513306C

Manufacturer:	Eastern Architectural Systems
	16341 Domestic Ave.
	FT Myers, FL 33912

Product Line: Series 176 SS Vinyl Horizontal Sliding Window – XOX – 1/3 – 1/3 – 1/3

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

- 1. Approval document: drawing number 08-02534 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: CTLA 3005W-1A signed and sealed by Ramesh Patel P.E. 2. Certified Testing Laboratories, Orlando, FL AAMA/WDMA/ČSA 101/I.S.2/A440 Design pressure: +65.0/-85.0psf (Through frame installation) +60.0/-70.0psf (Fin installation) Water penetration resistance 10.5psf ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, +70.0/-85.0psf (Through frame and fin installation) design pressure 3. Test report No.: CTLA 3005W-1D signed and sealed by Ramesh Patel P.E. Certified Testing Laboratories, Orlando, FL **TAS 202** Design pressure: +65.0/-85.0psf (Through frame installation) +60.0/-70.0psf (Fin installation) 10.5psf Water penetration resistance

TAS 201/TAS203 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, +70.0/-85.0psf (Through frame and fin installation) design pressure

4. Anchor calculations, report number 513306-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

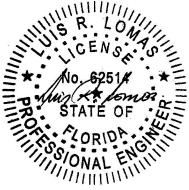
- Maximum design pressure: +65.0/-85.0psf (Through frame installation)
 - +60.0/-70.0psf (Fin installation) e: 111" X 63"
- Maximum unit size:
- Approved Configurations: XOX (1/3 1/3 1/3)
- Units must be glazed per ASTM E1300 according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be extruded vinyl.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02534 Revision B.

Certification of Independence:

Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



Luis R. Lomas, P.E. FL No.: 62514 10/22/2020