## L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

1432 Woodford Rd.
Lewisville, NC 27023 **Report No.: 510956A**434-688-0609

**Manufacturer:** Eastern Architectural Systems

16341 Domestic Ave. Ft. Myers, FL 33912

Product Line: Series 2651 Impact Rated Vinyl Casement Window 37" x 75" - LMI

### 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 current Florida Building Code.

### Supporting Technical Documentation:

1. Approval document: drawing number 08-00567 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.F.

2. Test Report No.: ATI 69766.05-109-47 signed by Michael L. Mackereth

Architectural Testing, York, PA. AAMA/WDMA/CSA 101/I.S.2/A440

Design pressure: ±50.0psf Water penetration resistance 9.75psf

3. Test Report No.: CTLA-2062W signed and sealed by Ramesh Patel, P.E.

Certified Testing Laboratories, Orlando, FL.

ASTM E1886/ E1996 Missile Level D, Wind Zone 4

Cyclic Load Test, ±50.0psf design pressure

4. Anchor calculations, report number 510956-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

Maximum design pressure: ±50.0psf
 Maximum unit size: ±70.0psf
 37" x 75"

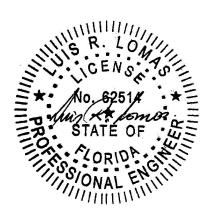
- Units must be glazed per ASTM E1300 see installation instructions for details.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- PVC profiles certified by AAMA Deceunick North America DEP-1 and VBP-2

#### Installation

Units must be installed in accordance with approval document, 08-00567 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