## L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

**Report No.: 513454A** 

1432 Woodford Rd. Lewisville, NC 27023 434-688-0609

**Manufacturer:** Eastern Architectural Systems

16341 Domestic Ave. Ft. Myers, FL 33912

Product Line: Series FWI 1000 Aluminum Horizontal Sliding Window - 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 Florida Building Code.

## Supporting Technical Documentation:

- Approval document: drawing number 08-02679, revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: NCTL-210-3751-1 signed and sealed by Gerard J. Ferrara, P.E.

National Certified Testing Laboratories, Orlando, FL

TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4

TAS 202 -94 Uniform Static Air Pressure, +100.0/-120.0psf design pressure, 12.0psf water penetration.

TAS 203-94 Cyclic Pressure loading +100.0/-120.0psf design pressure

3. Anchor calculations, report number 513454-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

### Limitations and Conditions of use:

Maximum design pressure: +100.0/-120.0psf
Maximum unit size: 74 1/8" x 63"

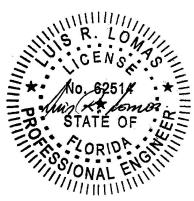
- Units must be glazed per ASTM E1300-04/09, according with glass details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T5.

#### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02679, revision A.

## 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 01/05/2018