L. Roberto Lomas P.E.

Engineering Evaluation Report

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Report No.: 513066D

Manufacturer: Eastern Architectural Systems

16341 Domestic Ave. Ft. Myers, FL 33912

Product Line: Series 3000 Aluminum Flange Frame Impact Fixed Window – HVHZ - SGP

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 08-02309 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: CTLA 3010W-1 signed and sealed by Ramesh Patel P.E.

Certified Testing Laboratories, Orlando, FL

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

TAS 202 Uniform Static Air Pressure, ±100.0psf design pressure, 15.0psf water penetration.

TAS 203 Cyclic Pressure loading +95.0/-100.0psf with IG

±100.0psf with monolithic glass

3. Report No.: CTLA 3010W-1A signed and sealed by Ramesh Patel P.E.

Certified Testing Laboratories, Orlando, FL

AAMA/WDMA/CSA 101/I.S.2/A440

Design pressure: ± 100.0 psf

Water penetration resistance 15.0psf

ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, +95.0/-100.0psf with IG

±100.0psf with monolithic glass

4. Anchor calculations, report number 513066-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

Design pressure: +95.0/-100.0psf with IG

±100.0psf with monolithic glass

• Unit size: 120" x 48"

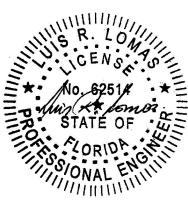
- Units must be glazed per ASTM E1300 according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be aluminum.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02309 Revision C.

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 03/22/2021