233 W. Main St. Danville, VA 24541 434-688-0609

# **Engineering Evaluation Report**

## Report No.: 511351A

### Manufacturer: Eastern Architectural Systems 3600 23<sup>rd</sup> Avenue South Lake Worth, FL 33461

Product Line: 10300085 Aluminum X Mullion Non-Reinforced LMI Wind Zone 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(d). The product listed herein complies with requirements of the current Florida Building Code.

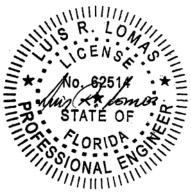
#### Supporting Technical Documentation:

- 1. Approval document: drawing number 08-00807, Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Mullion Analysis with anchor calculations, report number 511351-1A, per AAMA 450-10 option 3, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

- Maximum design pressure: See charts in installation drawing.
- Maximum vertical mullion span: 108"
- Maximum horizontal mullion span: 60"
- This product is not rated to be used in the HVHZ.
- This product is impact resistant up to wind zone 3 and does not require impact protection in wind borne debris regions.
- Mullion material to be extruded Aluminum 6005-T5.
- Steel Mullion Bracket material to be formed Galvanized Steel.
- Mull Clip material to be extruded Aluminum 6005-T5.
- Fenestration units mulled to this product must be manufactured by Eastern Architectural Systems and must have their own Product Approval.
- Design pressure of mulled units shall be controlled by the lesser design pressure of the assembly components; the mullion or the individual units.

**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 01/19/2016

*Installation:* Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00807, Revision A.