## L. Roberto Lomas P.E.

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# **Engineering Evaluation Report**

Report No.: 511352A

**Manufacturer:** Eastern Architectural Systems

3600 23<sup>rd</sup> Avenue South Lake Worth, FL 33461

Product Line: 10300085 Aluminum Vertical Mullion 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:

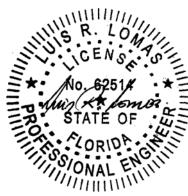
- Approval document: drawing number 08-00808, Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Mullion Analysis with anchor calculations, report number 511352-1A, per AAMA 450-10 option 3, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

- Maximum design pressure: See charts in installation drawing.
- Maximum vertical mullion span: 96
- 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.
- Mullion reinforcement material to be 2" long x 1/4" thick steel bar.
- 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.

**Installation:** Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00808, 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 01/18/2016