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## Engineering Evaluation Report

Report No.: 511354A

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

**Product Line:** 10300085 Aluminum X 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:**

1. Approval document: drawing number 08-00810, Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Mullion Analysis with anchor calculations, report number 511354-1A, 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 muller to this product must be manufactured by Eastern Architectural Systems and must have their own separate Product Approval.
- Design pressure of muller 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 details and approval document, 08-00810, 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).

