

**Manufacturer:** All American Window Company, LLC  
PO Box 80039  
Charleston, SC 29416

**Product Line:** Series 1900 Single Hung Window 53" x 75" – Large and Small Missile Impact

**Compliance:**

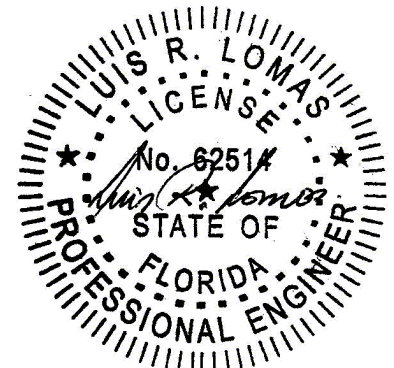
The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-03177 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-4109-03 signed by Christopher Bennett  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design Pressure: +50.0/-65.0psf  
Water penetration resistance: 6.0psf (without sill riser)  
9.75psf (with 5/8" sill riser)  
ASTM E1886 and ASTM E1996  
Large Missile Impact, Level D, Wind Zone 3  
Cyclic Load Test, +50.0/-65.0psf design pressure.
3. Test Report No. A8196.01-250-44 signed by J.P. McDonald  
Architectural Testing Laboratories, Chelmsford, Massachusetts  
ASTM E1886 and ASTM E1996  
Large Missile Impact, Level D, Wind Zone 3  
Cyclic Load Test, ±50.0psf design pressure
4. Test Report No.: ESP009376P-12R/010588P-12R signed and sealed by Ramesh Patel P.E.  
Element Material Technology, Wausau, WI.  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure: ±50.0psf  
Water penetration resistance 7.5psf
5. Test report No.: NCTL-210-4169-01 signed by Christopher Bennet.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure: ±40.0psf  
Water penetration resistance: 7.5psf  
ASTM E1886 and ASTM E1996  
Large Missile Impact, Level D, Wind Zone 3  
Cyclic Load Test, ±50.0psf design pressure
6. Anchor calculations, report number 514098-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.
7. Comparative analysis, report number 514098-2C, prepared, signed, and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure: Refer to approval drawing.
- Unit size: Refer to approval drawing.
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is not 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 PVC.



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## Engineering Evaluation Report

Report No.: 514098D

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03177  
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).

