

*L. Roberto Lomas P.E.*

208 7<sup>th</sup> Avenue  
Indialantic, FL 32903  
434-688-0609  
rlomas@lrlomaspe.com

## Engineering Evaluation Report

Report No.: 514846A

**Manufacturer:** NovaTech Wall Systems  
390 Old Spartanburg Highway  
Wellford, SC 29385

**Product Line:** Accu-Trac AP DS Aluminum Plate System – Impact HVHZ using Alfrex 3mm aluminum plate

**Compliance:**

The product listed herein complies with requirements of the current Florida Building Code.

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-03704 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: L2056.01-550-18 signed and sealed by Vinu J. Abraham P.E.  
Intertek, Lithia Springs, GA.  
TAS 201/ TAS 203  
Large Missile Impact Test, Level D, Wind Zone 4  
Cyclic Pressure loading +100.0/-90.0psf design pressure  
TAS 202  
Uniform Static Air Pressure, +100.0/-90.0psf design pressure, 20.0psf water penetration.
3. Report No.: L2056.02-550-18 signed by James Blakely  
Intertek, Lithia Springs, GA.  
ASTM E1886 & ASTM E1996  
Large Missile Impact Test, Level D, Wind Zone 4  
Cyclic Pressure loading +100.0/-90.0psf design pressure  
ASTM E330  
Design pressure: +100.0/-90.0psf  
Water penetration: 20.0psf water penetration.
4. Anchor calculations and comparative analysis, report number 514846-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure: +100.0/-90.0psf
- Panel Size: 120" x 60"
- This product is rated to be used in the HVHZ.
- Panel material to be solid Aluminum Plate 3003-H14 manufactured by:  
Alfrex, LLC  
Arconic  
3A Composites
- Stiffener material to be 3mm (.118") Extruded Aluminum.
- Stiffeners and clips are made of aluminum 6063-T5.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03704, Revision A.

**Certification of Independence:**

Please note that I do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

