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January 8, 2018

Mr. James Bush
ATAS International, Inc.
6612 Snowdrift Road
Allentown, PA 18106

**RE: FLORIDA PRODUCT APPROVAL RENEWAL
MRD ROOF PANELS**

Dear Jim:

At your request I have reviewed the 2017 edition of the Florida Building Code for changes that could affect the existing product approval which was based on the 2010 edition of the code. The following documents were used for my evaluation:

MRD Product Approval MRD-032012, dated 3/27/2012, and **MRD-032012Supp**, dated 10/26/2012, prepared and sealed by Christopher S. Blechschmidt, P.E.

2017 Florida Building Code: Building (first printing, July 2017) (available from <http://www.floridabuilding.org>) Chapter 15, Sections 1504 Performance Requirements, 1505 Fire Classification, 1506 Materials, 1507 Requirements for Roof Coverings, paragraphs 1507.4 Metal roof panels, and 1507.5 Metal roof shingles.

It is my conclusion that reports MRD-032012 and MRD-032012Supp meet the requirements set forth in the 2017 edition of the Florida Building Code and no revisions are required to maintain approval.

The *2017 Florida Building Code* prescribes ASTM E 1592-05 (2012 reapproval) test standard for evaluation of roof panel assemblies. The ASTM E 1592-88 version used to evaluate the MRD panel is equivalent to the referenced standard.

The *2017 Florida Building Code* prescribes standard AWC NDS-2015. The report references NDS-2005. For the purposes of this approval, the 2015 edition is equivalent to the 2005 edition.

The *2017 Florida Building Code* prescribes the test standard UL 580-06 (2009). The report references UL 580-09. Report references to "UL 580-09" should be revised to "UL 580-06, with revisions through July 2009."

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Please note that my investigation has been limited to the conditions discussed, and is based in part on information provided to me. The work was performed using the standard of care exercised by structural engineers in this area at the time of the work. No expressed or implied warranties are made.

If you have any questions regarding these findings or conclusions, feel free to contact me. Thanks again for allowing me to assist you with this work.

Sincerely,

Christopher S. Blechschmidt
P.E. 61272

Christopher S. Blechschmidt

1-8-18