



DOTec CORP.

CUSTOMIZED ENGINEERING SOLUTIONS

April 29, 2016

Unirac, Inc.
1411 Broadway Boulevard NE
Albuquerque, New Mexico 87102-1545
TEL: (505) 248-2702 (Technical Support)

Attn.: Engineering Department,

Re: Engineering Certification for Unirac's SFM, SunFrame Microrail (SFM)

DOTec Engineering, Inc. has reviewed Unirac's "SFM SunFrame Microrail Design & Engineering Guide" (PUB16APR29) and the SFM U-Builder on Unirac.com. The design methodology is acceptable for a code compliant racking structure supporting photovoltaic (PV) solar modules on pitched roofs for residential/commercial.

This certification excludes connections/attachments to the existing building structure and the effects on the existing structure components. All data, analysis, and information in the Design & Engineering Guide and in the U-Builder (online design tool) comply with the following:

1. 2012 International Building Code, by International Code Council, Inc., 2012
2. ASCE/SEI 7-10 Minimum Design Loads and other Structures, by ASCE, 2013
3. 2010 Aluminum Design Manual (ADM), by the Aluminum Association, 2010

This letter certifies that the structural calculations contained within Unirac's "SFM SunFrame Microrail Design & Engineering Guide" and design reports generated by the U-Builder are in compliance with the above Codes.

If you have any questions on the above, please contact Unirac, Inc. or DOTec Engineering, Inc.

Certification by:

Dr. Ildefonso Al Gonzalez, P.E.

DOTec Engineering, Inc.

St. Charles, MO

