



July 23, 2019

UniRac

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Attn.: Unirac Engineering Department,

Re: Engineering Certification for UniRac's SunFrame MicroRail Design & Engineering Guide

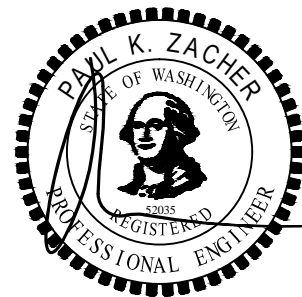
PZSE, Inc.-Structural Engineers has reviewed UniRac's "SunFrame Microrail Design & Engineering Guide" and specifically the Analytical Method, Prescriptive Pressure Tables, and the Unirac Online U-Builder tool for the SunFrame Microrail system version number 1.4.49.

This certification excludes connections to building structures and the effects on building structure components. All information, data and analysis contained within the Installation Manual are based on, and comply with the following:

1. Washington State Building Code, by Washington State Building Code Council
2. 2015 International Building Code, by International Code Council, Inc., 2015
3. ASCE/SEI 7-10 Minimum Design Loads for Buildings and other Structures
4. 2015 Aluminum Design Manual, by The Aluminum Association, 2015
5. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, effective June 2012 by ICC-ES

This letter certifies that the structural calculations contained within UniRac's "SunFrame Microrail Design & Engineering Guide" and the Unirac online U-builder tool for the SunFrame Microrail are in compliance with the above Codes.

If you have any questions on the above, do not hesitate to call.



EXPIRES 08/02/2021