Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

September 22, 2025

Unirac
Attn: Engineering Services Department
1411 Broadway Boulevard NE
Albuquerque, NM 87102-1545
TEL: (505) 242-6411

RE: ENGINEERING CERTIFICATION LETTER FOR THE UNIRAC GROUND FIXED TILT (GFT) DESIGN TOOL
STATE: WASHINGTON
TECTONIC WORK ORDER #: 12557.119

The Unirac Ground Fixed Tilt (GFT) is a proprietary ground mount racking structure used to support photovoltaic panels for residential and commercial uses. Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C., Inc. (Tectonic) has reviewed the GFT design tool and design methodology.

Tectonic has determined that the design's tool methodology is approved and acceptable for the code-compliant racking structure supporting photovoltaic modules. The design approach complies with the structural requirements of the following reference documents:

Applicable Codes and Standards:

- *Washington State Building Code* 2021
- *Aluminum Design Manual* (2005–2020), published by the Aluminum Association
- *International Building Code* (2015–2024 editions), published by the International Code Council, including provisions from SEAOC PV-2 (2017)
- *ASCE/SEI 7* (2010–2022 editions), *Minimum Design Loads for Buildings and Other Structures*, published by the American Society of Civil Engineers

This letter certifies that the structural analysis of the racking members, connections, and foundation design related to Unirac's system are in compliance with the above codes. If the loading criteria does not meet Unirac's specifications, owner shall contact Unirac for a site-specific certification.

The Unirac design tool should be used under the responsible charge of a registered professional engineer required by the authority having jurisdiction. The design tool and Unirac do not evaluate the PV panels themselves or specific corrosion requirements. See the construction and installation drawings and manuals for additional information provided by Unirac.

Sincerely,

Tectonic

Manojkumar Patel, P.E.
Managing Director

Project Contact Info

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