

February 6, 2026

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:
TECTONIC WORK ORDER #: 12557.140

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 have 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:

- 2025 California Building Code Title 24, Part 2 (Vol 1 & 2).
- 2025 California Residential Code Title 24, Part 2.5.
- 2024 International Building Code by International Code Council.
- 2024 International Residential Code by International Code Council.
- ASCE/SEI 7-22 Minimum Design Loads for Buildings and Other Structures, by American Society of Civil Engineers with provision from SEAOC PV-2-2017.
- 2020 Aluminum Design Manual, by Aluminum Association.

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



A circular blue ink seal for a Professional Engineer in California. The seal contains the text: 'REGISTERED PROFESSIONAL ENGINEER', 'JAMES MARK PRIVETTE', 'CA PE LIC #91463', and 'STATE OF CALIFORNIA'. A blue ink signature is written across the seal.

James Mark Privette, PE
CA PE LIC #91463

Project Contact Info

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