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 NXT UMOUNT AND NXT UMOUNT HD SUPPORT SYSTEM**
**STATE: NEW HAMPSHIRE**
**TECTONIC WORK ORDER #: 12557.117**

The Unirac NXT UMount and NXT UMount HD systems are proprietary framed photovoltaic (PV) panel support structures designed for roof-mounted applications. Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C., Inc. (Tectonic) has reviewed the NXT system's design methodology, including the use of Unirac's online design platform, U-Builder.

Based on our evaluation, Tectonic has determined that the design approach is rational and complies with the structural requirements outlined in the following reference standards:

**Applicable Codes and Standards:**

- *New Hampshire 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 components directly associated with the Unirac system is in compliance with the above codes and standards. If the loading criteria fall outside of Unirac's published specifications, the owner must contact Unirac to obtain a site-specific structural certification.

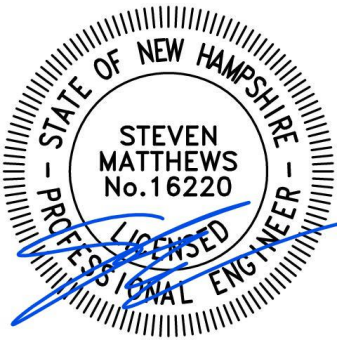
The Unirac design tool must be used under the responsible charge of a licensed professional engineer, as required by the authority having jurisdiction. Please note that the design tool and Unirac do not evaluate the PV modules themselves or address specific corrosion resistance requirements. For further details, refer to Unirac's construction and installation drawings and manuals.

Sincerely,

**Tectonic**

Steven Matthews

Digitally signed by Steven Matthews
DN: cn=Steven Matthews c=US l=Mountainville o=TECTONIC ENGINEERING CONSULTANTS GEOLOGISTS & LAND SURVEYORS DPC ou=Corporate e=SMatthews@tectonicengineering.com
Reason: I am the author of this document
Location:
Date: 2025-09-26 00:11-04:00




Steven Mathews, P.E.
Managing Director

**Project Contact Info**

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