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: MARYLAND
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 P.C., (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:

- *Maryland 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

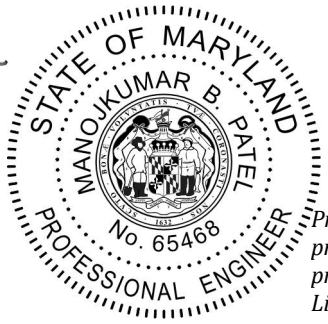
This letter certifies that the structural analysis of the racking members, connections, and components directly associated with the Unirac system is in compliance with the above codes and standards. If the loading criteria fall outside of Unirac's published specifications, the owner must contact Unirac 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

Manojkumar Patel, P.E.
Managing Director



Professional Certification: I hereby certify that this document was prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 65468, Expiration date 08/14/2027.

Project Contact Info

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