



August 2, 2021

Unirac
1411 Broadway Boulevard NE
Albuquerque, NM 87102
TEL: (505) 242-6411

Attn.: Unirac - Engineering Department

Re: Report # 2021-02447vHG.01 – Unirac FlashLoc Duo
Subject: Engineering Certification for the State of California

PZSE, Inc. – Structural Engineers has provided engineering and span tables for the FlashLoc Duo System , as presented in PZSE Report # 2021-02447vHG.01, "Engineering Certification for the Unirac FlashLoc Duo System ". All information, data, and analysis therein are based on, and comply with, the following building codes and typical specifications:

- Building Codes:
1. ASCE/SEI 7-16, Minimum Design Loads for Buildings and Other Structures, by American Society of Civil Engineers
 2. 2019 California Building Code, by International Code Council, Inc.
 3. 2019 California Residential Code, by International Code Council, Inc.
 4. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, November 1, 2012 by ICC-ES
 5. Aluminum Design Manual 2015, by The Aluminum Association, Inc.
 6. ANSI/AWC NDS-2018, National Design Specification for Wood Construction, by the American Wood Council

Design Criteria: Risk Category II
Seismic Design Category = A - D
Exposure Category = B, C & D
Basic Wind Speed (ultimate) per ASCE 7-16 = 90 mph to 180 mph
Ground Snow Load = 0 to 70 (psf)

DIGITALLY SEALED

This letter certifies that the loading criteria and design basis for the FlashLoc Duo System Span Tables are in compliance with the above codes.

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

Prepared by:
PZSE, Inc. – Structural Engineers
Roseville, CA

