

3/31/2025

Subject: Post Installation Approval Letter

Reference:

**BRUCE WOLFE, 40 DAVINHALL DRIVE, FUQUAY VARINA**

Attn: To Whom It May Concern

The purpose of the review was to verify the installation is in conformance with what was specified in the published plan set and that any potential modifications from those plans are adequate under the existing structural calculations.

After reviewing the installation via Zoom, the footings and flashings of the PV panels were installed in conformance with the above plan set and specifications for this project. The installations comply with the provisions listed below.

Design Criteria:

- 2018 NORTH CAROLINA BUILDING CODE (ASCE 7-10)
- Basic Wind Speed Vult = 117 mph
- Ground Snow Load = 15 psf

After reviewing the installation, I certify that:

- i. The PV equipment's structural installation has been designed and inspected,
- ii. The equipment will not create a negative impact on the bulking's structural design, including any additional loads imposed (dead, snow, wind), and
- iii. The installation is in compliance with the North Carolina Building Codes.

If you have any further questions, please do not hesitate to call.

Sincerely,

Arash Zandieh, Ph.D., P.E.

a.zandieh@ahzengineers.com | 901-692-0431

AHZ Consulting Engineers, Inc

