

Project/Job # JB-2752635-00

Installation Approval Letter

Project: Charles Stizza Residence
222 Blue Monarch Ln
Fuquay-Varina, NC 27526

Date of Review 2025-07-29
Permit # permit app resubmitted to Harnett County
Date of Install 2025-07-22

AHJ Harnett County
SC Office Raleigh NC

Design Criteria:

- Applicable Codes	Structure: 2018 NCEBC (IEBC 2015); PV: 2018 NCRC/NCBC (IRC/IBC 2015), ASCE 7-10, and 2015 NDS
- Risk Category	II
- Wind Speed	120 mph (3-s Gust - Vult), Exposure Category C, Envelope Procedure for C&C
- Ground Snow Load	20 psf

To Whom It May Concern,

I have reviewed the PV installation that was specified for this project to certify that the installation was completed in conformance with the permitted plans and manufacturer's specifications. The review is limited to mounting hardware and the loading on the structure directly supporting the installed array(s). Permitted plans and certification letter were stamped and signed by a professional engineer. Site documentation (photographs) used for this review is under my responsible charge and was provided by a delegate, (Robert Hallene on 07/22/25), on site whose documentation responsibilities are under my supervision (Henry Zhu, PE).

I certify that the system(s) currently installed sufficiently comply with the design criteria listed above and permitted plans, and any minor structural or layout changes are also compliant with the referenced code(s).

i. The PV equipment's structural installation has been designed. The field documentation provided by the delegate noted above was reviewed by the PE.

ii. The equipment will not create a negative impact on the building's structural framing from the imposed PV DL.

iii. The PV installation is in compliance with the North Carolina Residential Code.

Should you have any further questions or requirements pertaining to this project, please do not hesitate to contact me.

Digitally signed by
Henry Zhu
Date: 2025-07-29
14:35:09 -07:00

