



# BARUN CORP

October 16, 2023

RE: POST INSTALLATION AFFIDAVIT

Project Address: TROY HARRIS  
132 COOPER CREEK AVENUE  
SPRING LAKE, NC 28390

Subject : Post Installation Affidavit

To Whom It May Concern,

On the above reference project, the structure has been reviewed for additional loading due to the installation of the solar PV addition to the roof. The structural review, including the plans and calculations only apply to the section of roof that is directly supporting the solar PV system and its supporting elements.

The demand loading on the structure directly supporting the additional gravity loading due to the solar panel supports and modules had been reviewed post installation and determined to be in accordance with the requirements of the following codes; 2018 NCBC/NCRC; 2015 IEBC/IBC/IRC. The letter shall serve as a certification that the installation meets the requirements of the approved permit drawings and also certifies that

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

Please feel free to contact me with any further questions.

Sincerely,

Xiaojian Xie

Digitally signed by  
Xiaojian Xie  
Date: 2023.10.16 09:51:08  
-04'00'



This document is the property of Barun Corp and cannot be reproduced without prior consent. It is site specific and shall not be transferred to any other property, property owner, person(s), or entity. This document may include an expression of professional opinion by the engineer of record, which is based on his or her best knowledge, information provided by others, and belief. Other professionals may have different opinions. Barun Corp reserves the right to amend and/or supplement this document in the event additional information be uncovered or made available.