



Solar Professional Engineering Consulting 2021.01.18

**Lucent Engineering, P.C.**

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May 21, 2022

Encōr Solar, LLC  
3049 Executive Pkwy, Ste 300  
Lehi, UT 84043

RE: Engineering Services (Post Installation)  
Cardenas Residence  
3574 Neills Creek Rd, Lillington, NC  
Solo Job #1694396

To Whom It May Concern,

Pursuant to your request, a representative from this office, under my supervision, conducted a site inspection at the above referenced home to collect data and photos of the reference solar panel installation. As you are aware, this office initially prepared a structural assessment of the proposed solar panel installation, the adequacy of the connections for this system and identified maximum spacing of the connections. The photos show panel support locations and spacing which conform to our structural assessment. Acceptable minor changes to the layout include: the panel positions support spacing less than the maximum, and/or additions or deletions of panels at roof locations.

Based upon the site-specific information provided by Encōr Solar, LLC, our office 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).
- iii. The installation is in compliance with the North Carolina Residential Code.

for this roof was in conformance to our structural assessment report date May 21, 2022, the UniRac product installation criteria, and the layout plan as specified in our report. This letter pertains only to the panel support attachments to the roof framing and not the engineered photovoltaic panel products, components, panel positioning, or electrical related installations/connections.

This certification is based on applicable building codes, professional engineering assessment and judgement, and cover this dwelling's assessment for solar panel connection and support only.

Should you have any questions regarding the above or if you require additional information do not hesitate to contact me.