

Benson Design Group
15323 McClure Bridge Rd.
Charlotte, N.C. 28277
Phone # 704-578-8688
Fax # 704-541-4739

July 13, 2021

Ms Lacey Small
The SELSCO
8351 Palmetto Commerce Parkway, STE 203
Ladson, SC 29456

Re: Certification letter for loads, form of attachment (parts and pieces) for 23 solar panels being placed on the roof at 71 Spiral Branch Ct., Linden, NC 28356

Dear Lacey,

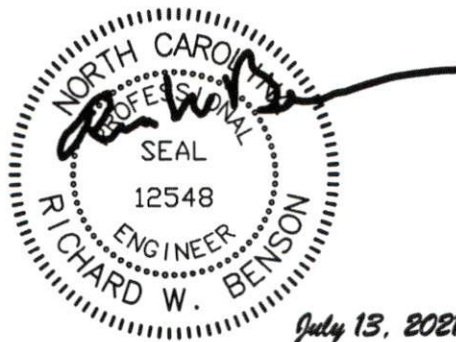
I have completed my review of the proposed installation of solar panels being on the roof at the residence mentioned above and have determined the form of system and have determined the form and method of attachment for all components to be within acceptable stresses/deflections prescribed with the 2018 North Carolina Building Code with amendments for the transient and dead loads imparted to them. My review included checking loads due to a wind speed of 119mph, a seismic design category of B, ground snow load of 10psf and the solar panel dead load of 2.76psf and all load combinations prescribed in the 2018 North Carolina Building Code.

If you have any questions concerning the content of what is written above please do not hesitate to contact me.

Best regards,



Richard W. Benson, P.E.



July 13, 2021