

July 23, 2024

Chris Sherrod  
Signature Home Builders

Re: Lot 10 – Footing Subgrade  
Jones Creek Meadow  
Lillington, North Carolina

Mr. Sherrod,

OTG Consulting, PLLC (OTG) was requested to visit the subject site above to observe the foundation prior to placement of concrete.

Soft soils were encountered within the footings at the back of the house at two locations. After excavation, groundwater was infiltrating the footing at these locations. Based on the review of the onsite soils and groundwater conditions, OTG recommends that the undercut footings where groundwater was encountered, be backfilled with 57 stone to the footing bearing elevation. It is to the opinion of OTG Consulting, PLLC that the materials in place at test locations within the footings, at the areas and depths tested, are to support the foundation and have a bearing capacity of 2,000 psf.

The dimensions were also verified and complied with the project plans. The footings were clear of debris and water. The footings meet the 2018 NC Residential Building Code and are ready to receive concrete.

We appreciate the opportunity to help you with this. Should you have any questions or need additional information, please contact me at your earliest convenience. We can be reached at 336-414-1179 or at [otgconsulting37@gmail.com](mailto:otgconsulting37@gmail.com).

Sincerely,

OTG Consulting, PLLC



Scott G. Dowell, PE

President

NC PE License No. 037287



23 July 2024