

September 7, 2022

Gary Robinson
Gary Robinson Homes

Re: Fill Compaction Verification
156 Heatherspring Way
Spring Lake, North Carolina

Mr. Robinson,

OTG Consulting, PLLC (OTG) was requested to visit the subject site above to observe the placement of fill within the building pad. At the time of our visit, the building location was not staked out. We estimate approximately 1 to 5 feet of fill was placed within the building footprint. OTG was onsite on September 7, 2022.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value.

A total of four (4) hand auger/DCP evaluation(s) were performed to a depths of approximately 3 to 5 feet below the current subgrade elevations, estimated within the building footprint. It is to the opinion of OTG Consulting, PLLC that the materials in place at test locations within the proposed building footprint, at the areas and depths tested, have a bearing capacity of 2,000 psf.

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 otgconsulting@protonmail.com.

Sincerely,
OTG Consulting, PLLC



Scott G. Dowell, PE
President

NC PE License No. 037387



07 Sept 2022