

**PIEDMONT
GEOTECHNICAL**



1669 Jimmie Kerr Rd., Haw River, NC 27258
336-516-8634, NC Firm No. C-1634

February 16, 2022

Adams Homes
149 US Hwy 70 West
Garner, NC

Attention: Jeff Lucas 910-987-9789, jefflucas.adamshomes@gmail.com, raleighadmin@adamshomes.com,
raleighpermits@adamshomes.com, bjohnson@adamshomes.com

Engineering - Field Observation, Subgrade Testing for Footing Excavations
Lot 4 Carolina Seasons Subdivision
530 Gree Links Drive, Cameron, NC
Project No. 22PG-0208-D, Harnett County Permit No. SFD-2010-0034

Dear Mr. Lucas:

Thank you for using Piedmont Geotechnical. The site was visited on February 8, 2022 to test the subgrade for the exposed footing excavations at the above referenced home site. The subgrade soils were tested with a Dynamic Cone Penetrometer (DCP) test in general accordance with (ASTM) special publication 399, and with a Static Cone Penetrometer (SCP) test.

The test results indicated that the tan silty sand was of adequate bearing at about 4 to 6 feet below the surrounding grade. The excavation bottoms were found to have perched water conditions. The soft soils should be undercut to remove the soft wet soil to about 4 to 6 feet below the surrounding grade throughout the house. A section of footing excavations near the middle of the house was not excavated due to large tree roots. It is recommended to remove the tree roots, complete that section of footing and to backfill the undercut portions of the footing excavations with clean washed 67 stone wrapped in filter fabric up to the planned bottom of footing elevation.

Piedmont Geotechnical should be contacted to test the deeper footing excavation bottoms when they are dug.

Sincerely,



February 16, 2022

D. Allen Hughes, P.E., President
Piedmont Geotechnical, Inc., P.A.