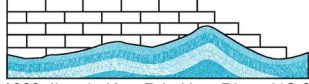


**PIEDMONT
GEOTECHNICAL**



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

March 25, 2023

Adams Homes
149 US Hwy 70 West
Garner, NC 27529

Attention: Keith Holm 919-333-7583, keith.holm@adamshomes.com, Matt Galvin 919-903-0735,
matt.galvin@adamshomes.com, raleighadmin@adamshomes.com, raleighpermits@adamshomes.com,
bjohnson@adamshomes.com

Engineering - Field Observation -Subgrade Testing at Footing Excavations
Lot 16 Cameron Woods Subdivision
74 Red Pine Court, Sanford, NC 27332
Project No. 23PG-0303-C, Harnett County Permit No. SFD-2203-0085

Dear Mr. Holm,

Thank you for using Piedmont Geotechnical. The site was visited on March 3, 2023 to test the subgrade in the footing excavations of the proposed home. The subgrade/fill soils consisting of red tan silty sands and clayey sands were tested with a Dynamic Cone Penetrometer (DCP) test in general accordance with (ASTM) special publication 399 to about 2 ft. below the bottom of footing elevation. The excavation bottoms were probed with a steel probe rod for comparison to the test locations.

The test results indicated that the red tan silty clayey sand was of adequate bearing at the existing excavation bottoms at about 2 feet below the surrounding grade except at the front right garage wall corner where some perched water was encountered. Per our recommendation, the soft soils were undercut to adequate bearing soil at about 2.5 ft. below grade. The undercut area was filled with 67 washed stone up to the planned bottom of footing elevation.

Based on testing, observation and probing, the subgrade prepared for the footing excavations at the above referenced address is adequate to support the proposed loads (2000 psf) of the home.

Sincerely,


March 25, 2023


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