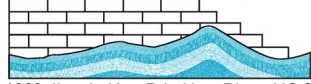


# PIEDMONT GEOTECHNICAL



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 24 Cameron Woods Subdivision  
97 Western Pine Way, Sanford, NC 27332  
Project No. 23PG-0303-E, Harnett County NC Permit No. SFD-2203-0080

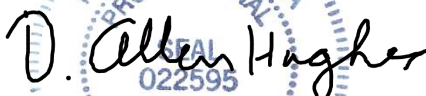
Dear Mr. Holm,

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.

Based on testing and perched water conditions in some of the excavation bottoms, the footing excavations were undercut to depths ranging from about 3 to 3.5 ft. below grade at the front 30 ft. of the left side of the house, at the garage walls, at the front of the house and at the front 20 ft. of the right wall of the house. Per our recommendation, the undercut portions of the footing excavations were backfilled with fabric-wrapped no. 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 site 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.