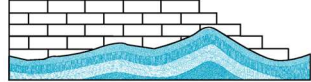


PIEDMONT GEOTECHNICAL



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

June 28, 2022

Adams Homes
149 US Hwy 70 West
Garner, NC

Attention: Matt Galvin, 919-903-0735, matt.galvin@adamshomes.com, raleighadmin@adamshomes.com,
raleighpermits@adamshomes.com, bjohnson@adamshomes.com

Engineering - Field Observation, Subgrade Testing Foundation/Footing Excavations, Undercut Recommendation
Lot 25 Cameron Woods Subdivision
83 Western Pine Way, Sanford, NC
Project No. 22PG-0623-B, Harnett County Permit No. SFD-2201-0003

Dear Mr. Galvin,

Thank you for using Piedmont Geotechnical. The site was visited on June 23, 2022 to test the subgrade for the exposed footing excavations at the above referenced home site. The subgrade was tested with a Dynamic Cone Penetrometer (DCP) test in general accordance with (ASTM) special publication 399. The footing excavation bottoms were probed with a steel probed rod for comparison to the test locations.

The test results indicated that the gray to reddish tan silty sands to clayey sands are of inadequate bearing capacity at the existing excavation bottoms at about 3 to 5 feet below the surrounding grade (about 2 to 3 feet below the existing excavation bottom along the right side and about 1 to 2 feet below the existing excavation bottom along the left side.

Based on observation and testing, the loose soils should be undercut to the adequate bearing soil as recommended above and re-tested. At the time the subgrade is re-tested, the final remedial repairs (possible filter fabric and washed stone placement) will be made.

Sincerely,


June 28, 2022


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