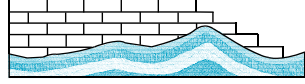


PIEDMONT GEOTECHNICAL



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

February 1, 2022

Adams Homes
149 US Hwy 70 West
Garner, NC

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

Engineering - Field Observation, Subgrade Testing Foundation
Lot 11 Cameron Woods Subdivision
214 Western Pine Way Sanford, NC
Project No. 22PG-0127-B, Harnett County Permit No. SFD-2108-0085

Dear Mr. Galvin:

Thank you for using Piedmont Geotechnical. The site was visited on January 26, 2022 to test the subgrade for the exposed excavated bearing soils above referenced home site. The subgrade soils were tested with a Dynamic Cone Penetrometer (DCP) test in general accordance with the American Standard Testing Methods (ASTM) special publication 399 testing, and with a Static Cone Penetrometer (SCP) test in the upper 2 to 3 feet of reddish tan silty sands to clayey sands at the above referenced site.

Based on the observations and test data the reddish tan silty sand and sandy clay soils were adequate to support the planned 2000 PSF bearing required at the tested locations with the exception of, the front 10 ft. of the left wall footing the front exterior wall footing and front interior wall footing. For those areas of the footing excavations, about 6 inches below the existing bearing level (approximately 2 to 3 feet below the surrounding grade) was soft and had perched water conditions. The soft soils should be undercut (approximately 6 inches) and clean washed 67 or 57 stone wrapped in filter fabric should be placed up to the planned bottom of footing elevation.

Based on testing, observation and implementation of the recommendations, the subgrade will be adequate to support the proposed loads (2,000 psf) of the home once the recommendations have been properly implemented.

Sincerely,

D. Allen Hughes
February 1, 2022

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