



August 23, 2019

Clayton Homes
1921 Keller Andrews Rd.
Sanford, NC 27330

Attention: Mr. Stephen Wheeler

Reference: Footing Subgrade Evaluation for Approximate 28 ft. by 68 ft. Doublewide Mobile Home Footings
TBD Pendergraft Rd., Bunnlevel, NC
Project No. 019mh130

Dear Mr. Wheeler,

Thank you for using Piedmont Geotechnical to conduct the evaluation for your project. As requested, the site was visited on August 21, 2019 to test the subgrade conditions for the pier footings the existing home.

Upon arrival, (36) footings had been excavated for a proposed 28 ft. by 68 ft. mobile home. The excavations had been dug to depths ranging from about 6 in. to 11 in. below grade. The excavations were arranged in (9) rows of (4) piers per row. The bearing capacity of the (9) excavation bottoms (1 per row) were tested with a Dynamic Cone Penetrometer (DCP) test and were found to be of adequate bearing capacity. Adequate bearing capacity was found at all excavation bottoms at depths ranging from 6 to 12 in below grade. Several excavation bottoms have soil that has washed in or a layer of rain softened soil. It will be necessary to shovel clean the excavation bottoms just prior to placing the footings.

It is recommended to excavate the pier footing excavations on each end of the home to at least 12 in below original grade and the rest of the pier footings excavations on the home should be dug to at least 8 in. below original grade.

Based on testing, observation and implementation of the recommendations, it is my professional opinion that the subgrade prepared for the footings for the above referenced home is adequate to support the proposed loads (2,000 psf) of the mobile home. Thank you for using Piedmont Geotechnical for your evaluation. If you should have any questions pertaining to this report, please call me.

Sincerely,




D. Allen Hughes, P.E., President
D. Allen Hughes Engineering, Inc.