B.A. McCurry
ENGINEERING

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11-6-24
Jon & Lynn Kerien %
Tarheel Restoration Inc.
Bruce Robbinson; 919-916-9682; brucetarheel.inc@gmail.com
Engineering- Field Observation Footing Bearing Testing

188 Shady Brook Lane, Fuquay Varina, NC 27526

Project No.:24PG-1028A BAM

Dear Bruce Robbinson,

Thank you for using BA MCCURRY ENGINEERING, LLC.. The site was visited on October 28, 2024, to test the subgrade for the exposed footing excavations at the above reference Barn structure at the site. The subgrade was tested with a Dynamic Cone Penetrometer (DCP) test in general accordance with (ASTM) special publication 399 and found to be of adequate bearing capacity. The footing excavation bottoms were probed with a steel probed rod for comparison to the test locations. The footing excavation bottoms were probed with a steel probed rod for comparison to the test locations. The sub grade , consisting of tan clayey sand was tested to 1 feet below the bottom of planned sub grade elevation.

Based on the observation and testing, the soils within the upper 1 foot have been adequately to support the proposed loads of the footing (2,000 psf).

Additionally, the plan drawings provided by the owner were reviewed and used to verify the footing depths (by pins) and width were in place per the plan drawings. The footing depths were greater than the plan dimensions of 8 inches and the widths were greater than the plan dimensions of 16 inches. Two #4 reinforcing steel was observed continuously.

(Seal: NORTH CAROLINA PROFESSIONAL SEAL 044525 ENGINEER BRITT A. McCURRY)

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