November 6, 2025

DRB Group North Carolina, LLC
c/o Mr. Donnie Bentley
dbentley@drbgroup.com

Report of Footing Excavation Examination
Honeycutt Hills – Lot 21
315 Adams Pointe Court
Angier, North Carolina
Our Project Number 121-25-107043

As requested, a representative of NV5 Engineers and Consultants, Inc. was present at the above-referenced site on October 16, 2025 to perform testing on the shallow subsurface soils of the footing excavations for the proposed crawl space foundation for the residential single-family home at Lot 21 located at 315 Adams Pointe Court. The purpose of our testing was to verify that the design soil bearing pressure is available for the concrete foundations. We understand that an allowable soil bearing pressure of 2,000 pounds per square foot (psf) is required. Our services did not include surveying. Locations are based on the excavations performed by others.

Our field examinations consisted of visual observations, dynamic cone penetrometer testing in accordance with ASTM STP-399, and hand rod probing at selected locations. Dynamic cone penetrometer testing was performed at select locations and to a maximum depth of 3 feet below the planned foundation bearing elevation. Our scope did not include mechanically drilled soil test borings to evaluate deeper subsurface soil conditions that could affect foundation support. Such services can be provided, if desired.

We encountered soft, wet soils along the rear portions of the footing excavation and hand rod probing revealed the presence of soft, wet soils to depths of approximately 6 to 12 inches below the existing foundation bearing elevation. After these soft, wet soils were removed, we recommended that the over-excavations be backfilled utilizing washed #57 stone or additional concrete. After these remedial measure were performed, the results of our footing examinations indicated that the design bearing pressure of 2,000 pounds per square foot (psf) was available at the locations and depths tested at the time of our investigation.

Exposure to the environment, especially rainfall, may weaken the soils at the foundation bearing surface, if they are exposed for extended periods of time prior to concrete placement. If the foundation bearing surface becomes softened due to exposure, the soft soils should be compacted or removed and replaced prior to placement of concrete.

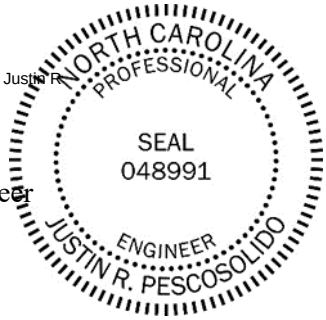
Based on the measurements obtained by our representative, the footing widths and depths were prepared per the approved structural plans provided onsite and were in compliance with Chapter 4, Sections R403.1.1, R403.1.4, and Table R403.1 of the 2018 North Carolina Residential Building code. Additionally, depth pins were observed to be set, the designed footing projections were present, and waterproofing was installed in accordance with the approved plans. If you have any questions concerning this information, please do not hesitate to call.

Sincerely,
NV5 Engineers and Consultants, Inc. (F-1333)

William B. Strayhorn, P.G.
Senior Registered Geologist

Digitally signed by Justin R. Pescosolido
Date: 2025.11.06 13:36:31-05'00'

Justin R. Pescosolido, P.E.
Principal Geotechnical Engineer



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