



November 4, 2025

Zach Cappell
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Cary, NC 27513
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Reference: Engineering Services
Permit # SFD2510-0048
Serenity – Lot 912
77 Rainbrook Cove
Fuquay-Varina, NC 27526
TE&D Project No.: 2501-020815

To Whom It May Concern:

As requested, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site to observe the following item(s):

- 1) Observe the materials/condition of the monoslab foundation bearing soils.
- 2) 3rd party monoslab footing excavation observations.

The following conclusions and recommendations were noted:

- 1) The materials/condition of the monoslab foundation bearing soils were visually observed, qualitatively probed, and subjected to Static Cone Penetrometer (SCP) testing. Based on our observations and analysis, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2,000 PSF) provided that the footing soils have not been exposed to inclement weather after our visit.
- 2) The existing excavated monoslab was visually observed with regards to compliance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code. Based on our visual observations and analysis, the existing monoslab were prepared in general accordance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code.

We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design

Tripp Amos
RS | 2501-020815

Prentice Tyndall Jr., P.E.



