



December 8, 2023

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Reference: Engineering Services
Permit # SFD2311-0026
Serenity - Lot 109
96 Retreat Dr.
Fuquay-Varina, NC 27526
TE&D Project No.: 2301-021126

To Whom It May Concern;

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

1. Observe the materials/conditions of the monoslab foundation bearing soils.
2. 3rd Party monoslab footing excavation and slab preparation 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, and providing that the monoslab footing soils have not been exposed to inclement weather after our site visit, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2000 PSF).
2. The existing excavated monoslab footing and slab preparation was visually observed with regard 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 footing was 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
BH | 2301-021126

Prentice Tyndall Jr., P.E.



