



May 1, 2024

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Reference: Engineering Services
Permit # SFD-2404-0035
Serenity - Lot 132
518 Serenity Walk Parkway
Fuquay-Varina, NC 27526
TE&D Project No.: 2401-020387

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

Sean M. Holmes
SMH | 2401-020387

Prentice Tyndall Jr., P.E.





