



February 22, 2023

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Reference: Engineering Services  
Permit # SFD 2301-0083  
Serenity - Lot 52  
101 Serendipity Dr.  
Fuquay-Varina, NC 27526  
TE&D Project No.: 2301-020170

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. 3<sup>rd</sup> 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, and providing that the monoslab footing soils have not been exposed to inclement weather after our visit, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2000 PSF). Over-excavated footings were backfilled with washed stone per our specifications.
2. The existing excavated monoslab footing 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  
TA | 2301-020170

Alan W. Lewis, P.E.



