



September 3, 2025

Justin Cook
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Reference: Engineering Services
Serenity – Lot 925
Permit #SFD2507-0058
1206 Serenity Walk Parkway
Fuquay-Varina, NC 27526
TE&D Project No.: 2501-020650

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. Unsuitable areas were undercut per our direction and backfilled with washed stone or concrete. 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
Tripp Amos

TA | 2501-020650

Prentice Tyndall Jr., P.E.



