



October 10, 2022

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Reference: Engineering Services
Serenity – Lot 61
Raleigh, NC
TE&D Project No.: 2201-020896

To Whom It May Concern;

As requested, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site 10/10/2022 to observe the following items:

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

The following conclusions and recommendations were noted:

- 1) The existing excavated 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 footing was prepared in general accordance with the project plans and applicable provisions of the NC Residential Building Code.
- 2) The materials/condition of the foundation bearing soils were visually observed, qualitatively probed, and subjected to Static Cone Penetrometer (SCP) testing. Based on our observations and analysis, and provided that the footing soils have not been exposed to inclement weather after our site visit on 10/10/22, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2000 PSF).

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
PT III | 2101-020896

Alan W. Lewis., P.E.



