



November 26, 2024

Chuck Michno
David Weekley Homes
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Cary, NC 27513
Email: cmincho@dwhomes.com

Reference: Engineering Services
Serenity – Lot 49
Permit #2410-0041
45 Serendipity Drive
Fuquay Varina, NC 27526
TE&D Project No.: 2401-021001

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 monolithic slab foundation bearing soils.
- 2) 3rd Party 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, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2000 PSF) provided that the footing soils have not been exposed to inclement weather after our visit.
- 2) The existing excavated monolithic slab footing 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 footings and slab 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
PT III | 2401-021001

Prentice Tyndall Jr., PE



