



March 25, 2021

Ken Dawson Homes, Inc.
2493 NC Hwy 242 North
Benson, NC 27504

Reference: Engineering Services
152 Williams Rd.
Coats, NC 27521
TE&D Project No.: 2101-020228

To Whom It May Concern;

As requested, a representative of Tyndall Engineering & Design (TE&D) is providing analysis for the following framing issue(s):

- 1) Address the in-situ bearing conditions of the existing and planned footing excavation prior to the continuation of the excavation.

The following conclusions and recommendations were noted:

- 1) The materials/condition of the foundation bearing soils were visually observed, qualitatively probed, and subjected to Static Cone Penetrometer (SCP) and Dynamic Cone Penetrometer (DCP) testing. Based on our observations and analysis, the existing in-situ bearing soils were noted as not meeting the required bearing capacity of 2000psf. It is recommended that the footing be excavated an additional 12"-18" to the in-situ soils meet the required bearing capacity. The additional excavation should be backfilled with washed stone.

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
BH | 2101-020228

Prentice Tyndall Jr., P.E.



