

HARNETT COUNTY INSPECTIONS DEPARTMENT

3RD PARTY INSPECTION FORM

RECORD OF THE INSPECTION OF A COMPONENT OR ELEMENT BY A NC LICENSED ARCHITECT OR ENGINEER

Project Information:

Residential Single Family Project: Y N Commercial Project: Y N
Code Enforcement Project No.: Permit No.: *BRES2205-0064*
Project Name: *Boatwright Residence* Owner: *Timothy Boatwright*
Project Address: *Front Deck 55 King Solomon Ln, Cameron, NC* Suite No.:
Date Inspected: *08/30/24* Contractor Name:
Component Inspected: *Footings*

Responsible Licensed NC Architect or NC Engineer

Name: *T. Patrick Shillington*
Firm Name: *Engineering & Environmental Science Company, Inc.*
Phone No.: Office *919-781-7798* Mobile *919-539-8582*
Email Address: *e2s@bellsouth.net*
Mailing Address: *3008 Anderson Dr, Suite 102, Raleigh, NC 27609*

APPLICABLE CODE SECTION:

2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

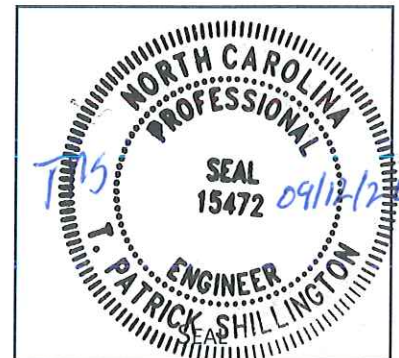
Describe Element/Component/Type of Inspection: *

Footings Supporting Deck, bearing capacity of soils, footing size and depth

*(subgrade form/letter may also be required) Attestation/Signature:

By signing below, I certify that the component and/or element of the building as identified on this form has been inspected by me or someone under my direct supervision per subsection (b2) of NC G.S. 153A-352 and is in compliance with the Code or other proposal of the architect or engineer for the project. This inspection is in compliance with all of the requirements of the above referenced Code. Attach any additional documents if needed.

T. Patrick Shillington
LICENSED ARCHITECT OR ENGINEER



Inspection Department disclaimer:

Upon the receipt of a signed written document as required under subsection (a) of Article 160A-413.5., Code Enforcement shall be discharged and released from any liabilities, duties and responsibilities imposed by this article or in common law from any claim arising out of or attributed to the component or element in the construction of the building for which the signed written document was submitted. Be aware that this inspection will be noted in all inspection records including the Certificate of Occupancy or Certificate of Compliance. This inspection does not address any local ordinances or zoning requirements.



ENGINEERING & ENVIRONMENTAL SCIENCE COMPANY

3008 ANDERSON DRIVE, SUITE 102

RALEIGH, NC 27609

(919) 781-7798

September 12, 2024

Mr. Timothy Boatwright
509 Auburndale Ln.
Fayetteville, NC 28314

RE: Footing Observations
Front Deck-Boatwright Residence
55 King Soloman Ln.
Cameran, NC

Dear Mr. Boatwright:

On August 30, 2024, observed the foundation sub-grade support conditions and footing plan dimensions and depth at the above referenced site. At time of the observations, the footings and posts had been installed and a portion of the deck had been constructed. To evaluate the footings hand auguring and hand excavation with a shovel was conducted.

The exposed soil primarily consisted of brown silty SAND (SM). The soil had dynamic penetrometer readings of 4 to 7 blows per increment. The soil bearing capacity is at least 2000 psf.

The footings supporting the posts had plan dimensions of 16" by 16" and were about 8" thick. However, the posts next to the house are supported by the existing house continuous footings. The existing house footings projected 10 inches from the exterior face of the house. The continuous footing was about 10" thick.

The foundation installation meets the 2018 NC Residential Building Code requirements. Suitable deck support is provided by the footings.

We appreciate serving you on this project. Please contact us if you have any questions or concerns.

Sincerely,


T. Patrick Shillington, P. E.
President

