HAYES STRUCTURAL
Consulting & Design, PLLC

Date: March 22, 2024

To: Tyler Appel
Drees Homes
8521 Six Forks Road, Suite 500
Raleigh, NC 27615

Re: 24-FTG-045
Footing Inspection
Lot 61 Tobacco Road
15 Grading Stick Court
Angier, NC 27501
Permit No.: SFD2403-0023

Mr. Appel:

At the footing contractor's request, a site visit was made to the above referenced single family residence under construction to inspect the footings prior to concrete placement.

The bottom of the footings was inspected and firm residual sandy clay was encountered at depths ranging from one to five feet below grade. The over-excavated sections where stumps were removed may have concrete placed at an increased thickness in lieu of washed stone replacement. The soil at the bottom of the footings will provide the minimum required bearing capacity of two thousand pounds per square foot.

Third party inspection revealed the footings for the single family residence were excavated per the approved plans with all concrete depths and step downs set correctly. The footings for the rear porch were not excavated at the time of inspection and are not included in this report. The footings are in conformance with Chapter 4 of the 2018 North Carolina Residential Code and are suitable for concrete placement.

Please call me if you have any questions.

Respectfully submitted,

Zachary H. Hayes, PE
Owner/Structural Engineer
Hayes Structural Consulting & Design, PLLC

Digitally signed
by Zachary H.
Hayes, PE
Date: 2024.03.22
11:28:17 -04'00'

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.: SFD2403-0023

Project Name: Lot 61 Tobacco Road   Owner: Drees Company

Project Address: 15 Grading Stick Ct. Angier, NC 27501   Suite No.:

Date Inspected: 3/21/2024   Contractor Name: Drees Homes

Component Inspected: crawl space footings

Responsible Licensed NC Architect or NC Engineer

Name: Zachary H. Hayes, PE

Firm Name: Hayes Structural Consulting & Design, PLLC

Phone No.: Office N/A   Mobile (919) 210-3480

Email Address: zach@hayesstructural.com

Mailing Address: 1991 Eddie Howard Rd. Willow Spring, NC 27592

APPLICABLE CODE SECTION: 2018 NCRC

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

Describe Element/Component/Type of Inspection: *

Inspection of footings prior to concrete placement to verify excavation per approved pland and in compliance with 2018 NCRC. See sealed letter for additional information.
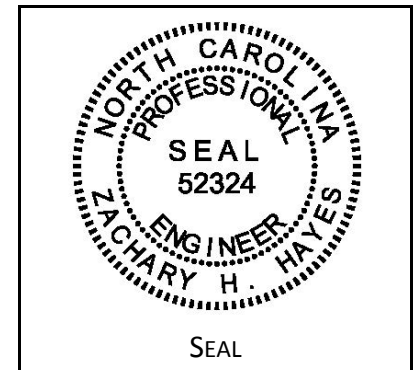
*(subgrade form/letter may also be required) **Attestation/Signature:**

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.

Digitally signed by Zachary H. Hayes, PE
Date: 2024.03.22 11:28:41 -04'00'

LICENSED ARCHITECT OR ENGINEER

NORTH CAROLINA
PROFESSIONAL
SEAL
52324
ZACHARY H. HAYES
ENGINEER

SEAL

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.