



HAYES STRUCTURAL

Consulting & Design, PLLC

1501 Lakerstone Village Ln. #103
Fuquay-Varina, NC 27526
NC Firm License No.: P-2854

Date: September 10, 2025

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

Re: 25-FTG-137
Footing Inspection
Lot 142 Tobacco Road
216 Crop Rd.
Angier, NC 27501
Permit No.: SFD2508-0046

Mr. Appel:

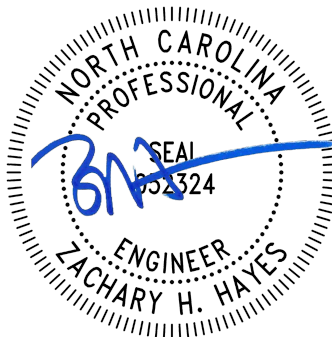
At the footing contractor's request, a site visit was made to the above referenced single family residence under construction to inspect the footings prior to concrete placement.

The bottom of the footings was inspected and firm residual sandy clay was encountered at depths ranging from one to three feet below grade. The over-excavated sections where soft soil and/or 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 +/-24"x36"x12" footings excavated for the rear porch/deck in lieu of sonotube footings per plan are adequate. The plan specified rebar grid within the 42"x42"x16" pier footing was installed at the time of the inspection. The footings are in conformance with Chapter 4 of the 2018 North Carolina Residential Code and are suitable for concrete placement.

Please contact us if you have any questions.

Respectfully submitted,
Hayes Structural Consulting & Design, PLLC



Digitally signed
by Zachary H.
Hayes, PE
Date: 2025.09.10
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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. **SFD2508-0046**
Project Name: **Lot 142 Tobacco Road** Owner: **The Drees Company**
Project Address: **216 Crop Rd. Angier, NC 27501** Suite No.:
Date Inspected: **9/9/2025** Contractor Name: **The Drees Company**
Component Inspected: **crawl space and rear porch/deck 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
Email Address: **zach@hayesstructural.com**
Mailing Address: **1501 Lakestone Village Ln. Ste. 103 Fuquay-Varina, NC 27526**

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 plans and in conformance with 2018 NCRC. See sealed letter for additional information.

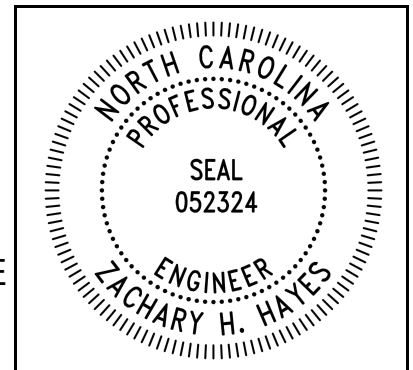
*(subgrade form/letter may also be required) Attestation/Signature:

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.

LICENSED ARCHITECT OR ENGINEER



Digitally signed by
Zachary H. Hayes, PE
Date: 2025.09.10
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Inspection Department disclaimer: