



HAYES STRUCTURAL

Consulting & Design, PLLC

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

Date: July 11, 2025

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

Re: 25-FND-109.1
Front Porch Slab Inspection
Lot 96 Tobacco Road
144 Barning Way
Angier, NC 27501
Permit No.: SFD2503-0119

Mr. Appel:

At your request, a site visit was made to the above referenced single family residence under construction to inspect the preparation and reinforcement of the front porch slab.

The front porch was backfilled with washed stone. #4 rebar spaced 24" o.c. in both directions was installed at the mid-depth of the slab. #4 +/- 30" long rebar dowels spaced 24" were embedded into the foundation walls at all sides of the porch with epoxy adhesive and were tied to the slab reinforcement. All lapping at the dowels and rebar grid were verified to meet the 24" requirement. The slab was verified to be minimum 5" thick throughout. The front porch slab was prepared and reinforced in conformance with section R506 of the 2018 North Carolina Residential Code. The front porch slab is 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: 2025.07.11
15:40:02 -04'00'

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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.: SFD2503-0119

Project Name: Lot 96 Tobacco Road

Owner: The Drees Company

Project Address: 144 Barning Way Angier, NC 27501

Suite No.:

Date Inspected: 7/11/2025

Contractor Name: The Drees Company

Component Inspected: Front porch slab

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: *

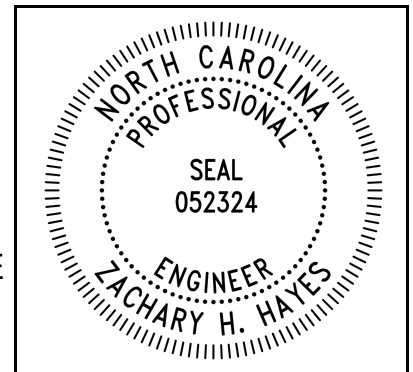
Inspection of front porch slab prior to concrete placement to verify preparation and reinforcement per approved plans and in conformance with 2018 NCRC. See sealed letter for additional information.

*(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: 2025.07.11
15:40:21 -04'00'



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.