

J.S. THOMPSON ENGINEERING, INC

September 22, 2023

Lonnie Glover
Lonnie Glover Construction, LLC
928 Windrow Lane
Raleigh, NC 27603

Dear Mr. Glover:

A site visit was made 145 Alice Holleman Lane in Fuquay-Varina, North Carolina to perform a third party inspection of the basement slab preparation prior to concrete placement. Inspection revealed the following:

- 1) A vapor barrier was installed on top of a washed stone base.
- 2) String lines were pulled to verify slab thickness to be minimum 4" throughout.
- 3) The 16" wide thickened slab sections were located per plan. Washed stone was removed for the thickened sections to be approximately 12" deep and bear on firm residual silty clay with bearing capacity exceeding two thousand pounds per square foot.

The basement slab was prepped per the foundation plan sealed by Ronald B. Wilkins, PE on 6/21/2023 and section R506 "Concrete Floors (On Ground)" of the 2018 North Carolina Residential Code and is suitable for concrete placement.

Please call me if you have any questions.

Sincerely,
J.S. Thompson Engineering, Inc.
N.C. License No. C-1733

Zachary H. Hayes, P.E.



9/22/2023

333 E. Six Forks Rd
Suite 180
Raleigh, NC 27609

(919) 789-9919 OFFICE

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.: SFD2303-0023

Project Name: 145 Alice Holleman Lane

Owner: John & Caitlin Tatum

Project Address: 145 Alice Holleman Lane

Suite No.:

Date Inspected: 9/22/2023

Contractor Name: Lonnie Glover Construction, LLC

Component Inspected: Basement slab

Responsible Licensed NC Architect or NC Engineer

Name: Zachary H. Hayes, PE

Firm Name: J.S. Thompson Engineering, Inc.

Phone No.: Office (919) 789-9919

Mobile (919) 210-3480

Email Address: zach@jsthompson.com

Mailing Address: 333 E. Six Forks Rd. Ste. 180, Raleigh, NC 27609

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 basement slab prior to concrete placement to verify preparation per approved plan and in conformance with 2018 NCRC. See sealed letter for additional information.

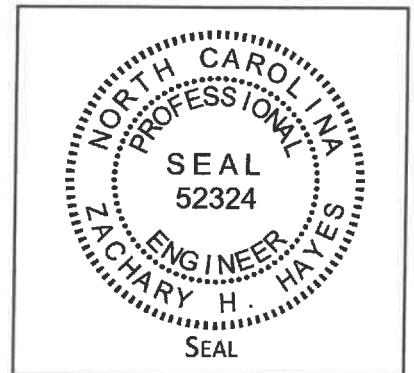
*(subgrade form/letter may also be required) Attestation/Signature:

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.



Zachary H. Hayes, P.E.
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LICENSED ARCHITECT OR ENGINEER



Inspection Department disclaimer: