

J.S. THOMPSON
ENGINEERING, INC

July 27, 2023

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

Dear Mr. Glover:

A site visit was made to 145 Alice Holleman Lane in Fuquay-Varina, North Carolina to inspect and analyze the bottom of the footings.

The bottom of the footings was inspected and firm residual silty clay was encountered at depths ranging from one to four feet below construction grade. The over-excavated sections at stump holes may have concrete placed at an increased thickness and do not require 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 were excavated per the approved plan with all concrete depths and step downs set correctly. To provide reinforcement at the three +/- 8'-0" step downs between the crawl space and basement, (2) #4 inverted "L" shape rebar were installed per my direction. #6 rebar dowels spaced 48" o.c. were set in the footing at the perimeter of the basement per plan. Thickened slab footings within the basement were not excavated at the time of my 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.

Sincerely,

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

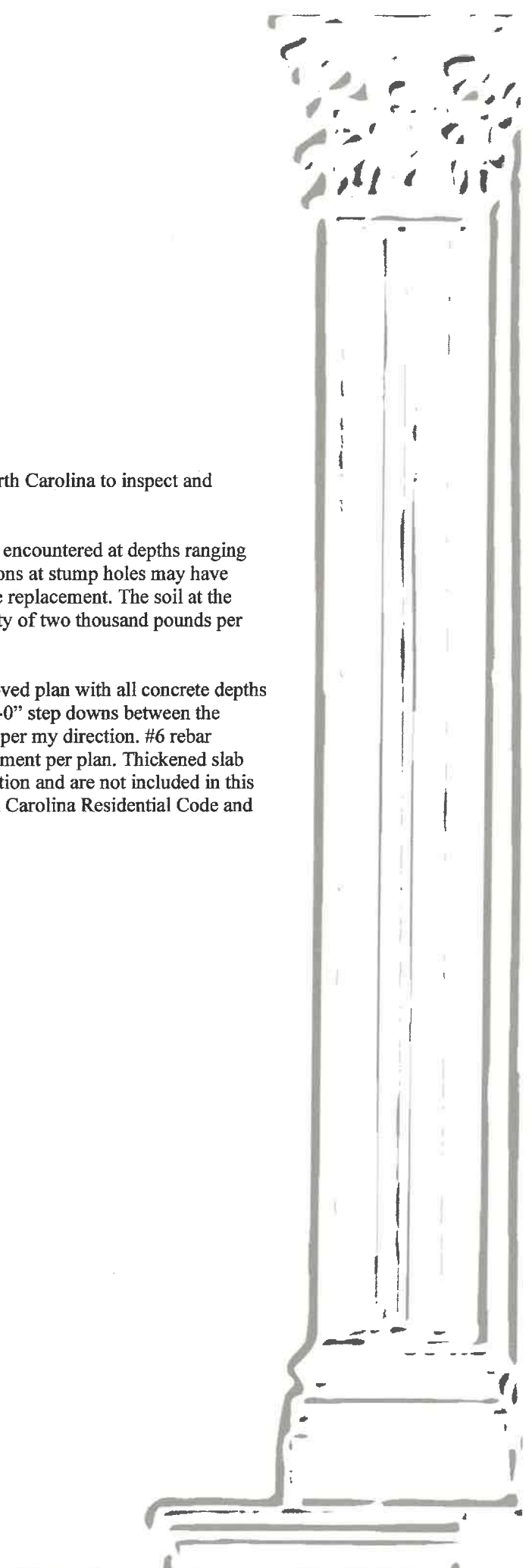
Zachary H. Hayes, P.E.



7/27/2023

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: 7/26/2023

Contractor Name: Lonnie Glover Construction, LLC

Component Inspected: Footings for masonry basement/crawl space foundation walls

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

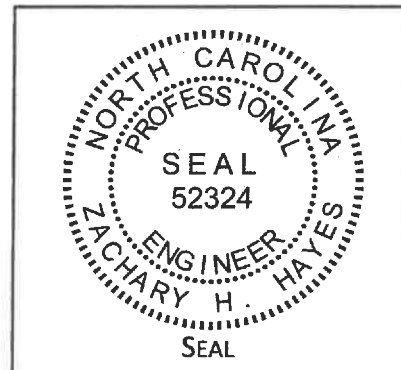
*(subgrade form/letter may also be required) Attestation/Signature:

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: