

J.S. THOMPSON ENGINEERING, INC

May 8, 2023

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

Dear Mr. Glover:

A site visit was made to 159 Alice Holleman Lane in Fuquay-Varina, North Carolina to inspect and analyze the bottom of the over-excavated footings.

The bottom of the footings was inspected and firm residual silty clay was encountered at depths ranging from two to four feet below grade. The over-excavated footings were backfilled with washed stone per my direction. 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 three deviations. The plan specified rebar is not necessary and was omitted per my direction. The continuous wall footing concrete depth was set at 8" per my direction in lieu of 10" per plan for the one-story single-family structure. Five 24" x 24" x 8" pier footings were excavated for the rear porch per my direction in lieu of the plan specified continuous wall footing. The porch floor system is to be framed with treated 2 x 8 SYP #2 floor joists spaced 16" o.c. spanning front to back. Treated (2) 2 x 10 SYP #2 beams are to be installed at the exterior sides of the porch floor system. The rear porch beam is to be supported by treated 6 x 6 SYP #2 posts spaced +/- 5'-0" o.c. installed to bear on the pier footings. The rear porch floor system is to be constructed in accordance with Appendix M – Wood Decks of the 2018 North Carolina Residential Code. Besides the deviations noted above, the remainder of the footings were excavated per the approved plan with all concrete depths and step downs set correctly. 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

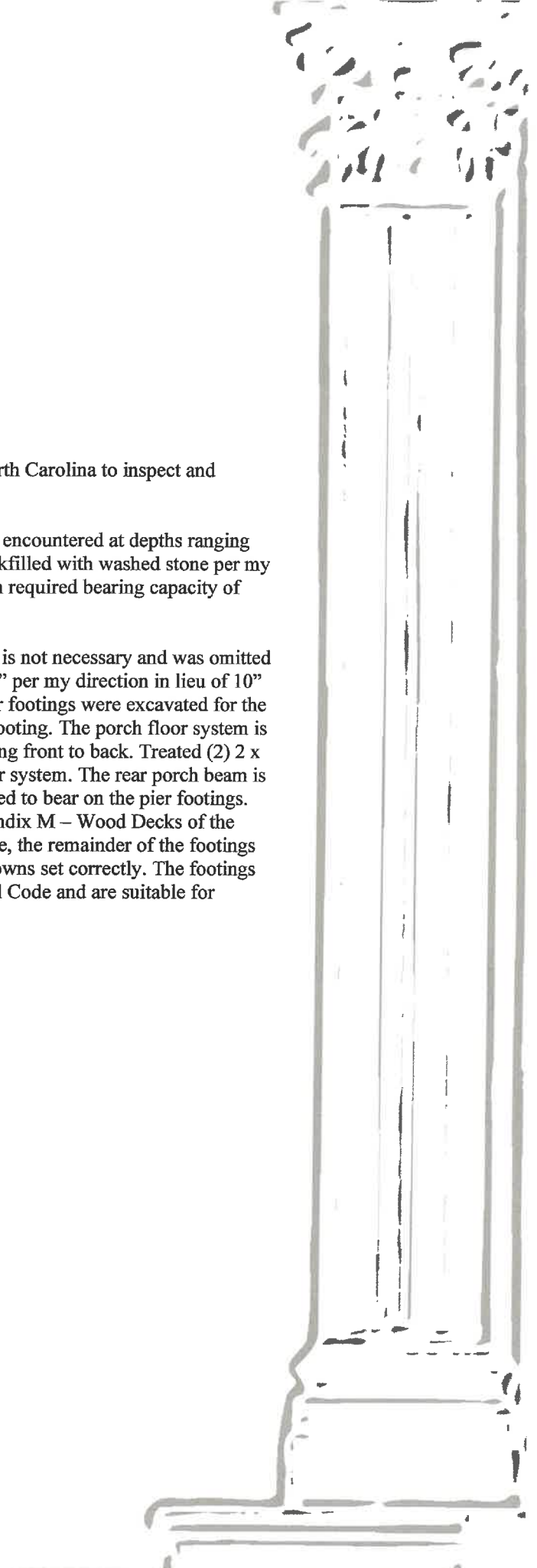
Zachary H. Hayes, P.E.



5/8/2023

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.: SFD2302-0028

Project Name: Jason Minton Residence

Owner: Jason Alan Minton

Project Address: 159 Alice Holleman Road, 27526

Suite No.:

Date Inspected: 5/2/2023

Contractor Name: Lonnie Glover Construction, LLC

Component Inspected: Crawl space footings

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.

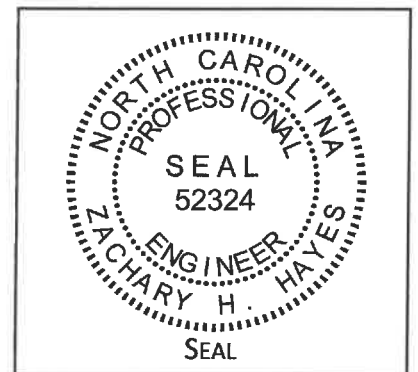
*(subgrade form/letter may also be required) Attestation/Signature:

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.



Digitally signed by
Zachary H. Hayes, P.E.
Date: 2023.05.08
08:46:40 -04'00'

LICENSED ARCHITECT OR ENGINEER



Inspection Department disclaimer: