

J.S. THOMPSON
ENGINEERING, INC

July 18, 2023

Michael Ducatte
Ducatte Building Company, LLC
9020 Sundance Street
Wake Forest, NC 27587

Dear Mr. Ducatte:

At the footing contractor's request, a site visit was made to 9250 NC-42 in Holly Springs, North Carolina to inspect and analyze the bottom of the footings for the addition.

The bottom of the footings was inspected and firm residual silty clay was encountered at depths ranging from one to three feet below grade. 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 concrete depths and step downs set correctly. Two #4 rebar dowels were embedded into the side of the existing footings at the intersections with the new footings per my direction. Soil was removed from below the septic pipe encountered at the left rear corner of the addition to fully encapsulate the pipe in concrete per my direction. The second footing from the rear at the deck addition was shifted +/- 2'-0" to the rear per my direction to avoid interference with a large stump. The structural engineer of record is to be consulted to determine the framing modifications required to accommodate the shifted footing. The addition 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

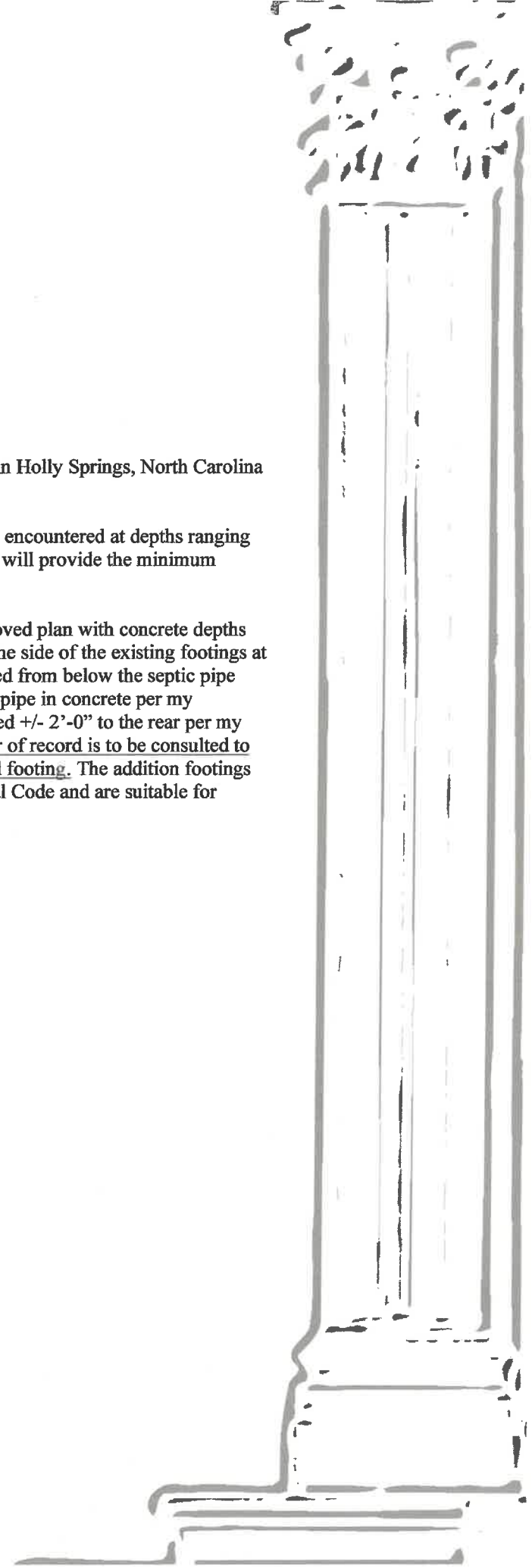
Zachary H. Hayes, P.E.



7/18/2023

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.: BRES2305-0018
Project Name: Dodson Residence Addition Owner: Erin Haley Dodson
Project Address: 9250 NC-42 Holly Springs, NC 27540 Suite No.:
Date Inspected: 7/14/2023 Contractor Name: Ducatte Building Company, LLC
Component Inspected: Crawl space and deck footings for addition

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

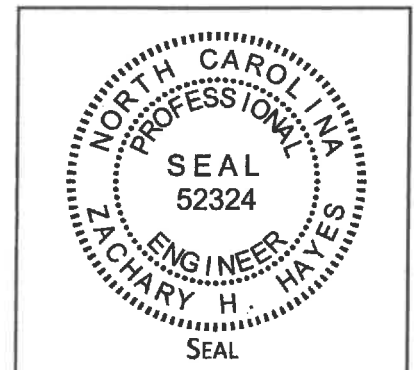
Describe Element/Component/Type of Inspection: *

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.
2023.07.18 15:03:04
-04'00'
LICENSED ARCHITECT OR ENGINEER



Inspection Department disclaimer: