

# DESIGN PROFESSIONAL INSPECTION FORM

RECORD OF THE INSPECTION OF A COMPONENT OR ELEMENT BY A NC LICENSED ARCHITECT OR ENGINEER

**Project Information:**

Residential Single-Family Project: <b>Y</b> <b>N</b>	Commercial Project: <b>Y</b> <b>N</b>
Code Enforcement Project No:	Permit No: SFD2410-0033
Project Name: Residential Building	Owner: Ryan L. Sheider
Project Address: 2890 Leaflet Church Rd. Broadway, NC	Suite No: N/A
Date Inspected: February 18, 2025	Contractor Name: Harrington Properties of NC
Component Inspected: Footing Observations	

**Responsible Licensed NC Architect or NC Engineer**

Name:	Pat Shillington	
Firm Name:	E <sup>2</sup> S	
Phone Numbers:	Office: 919-781-7798	Mobile: 919-539-8582
Email Address:	e2s@bellsouth.net	
Mailing Address:	3008 Anderson Dr., Suite 102, Raleigh, NC 27609	

**APPLICABLE CODE: 2018 NCRC**

2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

Describe Element/Component/Type of Inspection: \*

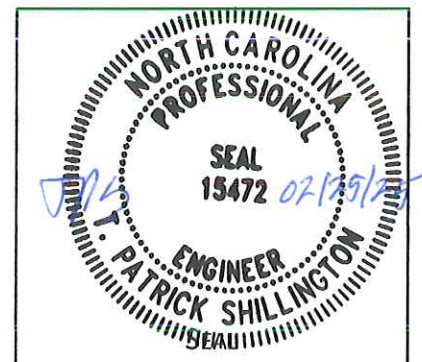
SOIL BEARING CAPACITY AND FOOTING LAYOUT

\*(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 approved plans & specifications 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



**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.



ENGINEERING & ENVIRONMENTAL SCIENCE COMPANY

3008 ANDERSON DRIVE, SUITE 102

RALEIGH, NC 27609

(919) 781-7798

February 25, 2025

Mr. Brandon Harrington  
Harrington Properties of NC  
2659 San Lee Drive  
Sanford, NC 27330

RE: Footing Observations  
Residential Building  
2890 Leaflet Church Road  
Broadway, NC

Dear Mr. Harrington:

On February 18, 2025, a Professional Engineer observed the foundation sub-grade support conditions and layout for the Residential Building at the above referenced site. Per the design plans by Diane River Designs dated September 16, 2024, footings are designed for a bearing contact pressure of 2000 pound per square foot (PSF). No rebar is required in the footings

At the time of the site visit, the building foundation had been excavated and undisturbed (virgin) soil was exposed. The exposed soils consisted of primarily brown and minor gray sandy CLAY (CL) and clayey SAND (SC). Based on the site observations and penetrometer testing, this soil has at least 2000 PSF bearing capacity. The footing excavation depth, width, and length matched the foundation plans by Diane River Designs.

Based on my observations, the foundation installation meets the 2018 Building Residential Code requirements and the plans by Diane River Designs. The footing excavation conditions are acceptable to receive concrete.

We appreciate serving you on this project. Please contact us if you have any questions or concerns.

Sincerely,

  
T. Patrick Shillington, P. E.  
President

