

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: Y N	Commercial Project: Y N
Code Enforcement Project No:	Permit No: SFD 2205-0005
Project Name: Residential Building 11 Willow Run	Owner: Lance and Megan Kappel
Project Address: 11 Willow Run Sanford, NC	Suite No: N/A
Date Inspected: 08/10/22	Contractor Name: Harrington Properties of NC
Component Inspected: Foundation Observations	

Responsible Licensed NC Architect or NC Engineer

Name:	Pat Shillington	
Firm Name:	E2S	
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: *

Footing excavation and bearing capacity of soils for two additional interior pier support

*(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.

P. Shillington

 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

August 10, 2022

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

RE: Foundation Evaluation and Foundation Observations
(Two Additional Column Footings)
11 Willow Run
Sanford, NC

Dear Mr. Harrington:

This letter discusses the evaluation of the foundation design and the foundation observations for the above referenced site.

In addition to the column footings required on the plans by House Plan Zone, LLC dated October 11 2017 (Pre-Drawn Plan ID BB-1988AR). Two additional column footing were added by the contractor.

On August 10, 2022, the two (2) added foundations excavations were observed. Soils primarily consisted of brown clayey SAND (SC). At several footing locations soft soils were excavated and replaced with No. 57 stone. Dynamic cone penetrometer readings ranged from 5 to 8 blows per increment. The exposed foundation soils have at least 2000 psf bearing capacity. The 2' X 2' column footings will have a thickness of approximately 10 inches.

Based on my observations, the two (2) column footing installations meet the 2018 Building Residential Code requirements.

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

Sincerely,


T. Patrick Shillington, P.E.
President

