

RJB, P.E., P.A.

C-0269

ROBERT J. BRACKEN  
ENGINEER + SURVEYOR

3768 Carbonton Road • Sanford, North Carolina 27330

March 29, 2022

Harnett County Building Inspections  
P.O. Box 65  
Lillington, NC 27546

REF: Compaction Test  
Residential Building Site @  
1218 Hayes Rd  
Spring Lake, NC 28390  
Weaver Homes, Contractor

Dear Sir/Madam,

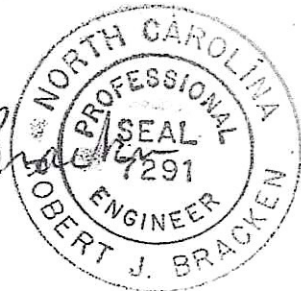
I made an onsite visit to the above referenced residential building site on March 28, 2022. The purpose of the visit was to do soil bearing test for a slab and footing. The fill area was approximately 3' deep and filled with stone screenings. The material and compaction used was adequate and I used a hand held Penotrometer at several locations and got consistant readings of the Code approved Presumptive bearing pressure of 2000 psf. The compacted fill material will support the live and dead loads per the NC State Residential Building Code, 2018,ed. for a monolithic Slab.

If you have any questions please feel free to call me at 919-774-6074.

Sincerely,

*Robert J. Bracken*

Robert J. Bracken, PE



# 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: <input checked="" type="radio"/> N	Commercial Project: Y <input checked="" type="radio"/> 0
Code Enforcement Project No:	Permit No:
Project Name: <b>Lot #4 @ 1218 Hayes Rd</b>	Owner:
Project Address: <b>1218 Hayes Rd, Spring Lake, NC 28390</b>	Suite No:
Date Inspected: <b>March 28, 2022</b>	Contractor Name: <b>Weaver Homes</b>
Component Inspected: <b>Backfill Soil Compaction</b>	

**Responsible Licensed NC Architect or NC Engineer**

Name:	Roberet J Bracken		
Firm Name:	RJB,PE,PA		
Phone Numbers:	Office: 919-774-6074	Mobile: 919-770-0809	
Email Address:	bjbracken@windstream.net		
Mailing Address:	3768 Carbondon Rd, Sanford, NC 27330		

APPLICABLE CODE: 2018 NCRC

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

Describe Element/Component/Type of Inspection: \*

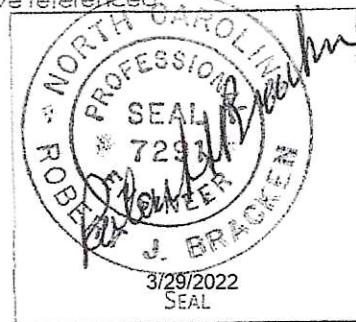
( See Attached Letter )

\*(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.

Robert J Bracken, PE  
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.