

RJB, P.E., P.A.

C-0269

ROBERT J. BRACKEN
ENGINEER + SURVEYOR

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January 18, 2023

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

REF: Soil Bearing Test
97 Mt Olive Church Rd
Lillington, NC 27546
Brad Cummings, Contractor

Dear Sir/Madam:

I made an on site visit to the residential building on January 16, 2023. The purpose of the visit was to check the compaction/bearing of the backfill on two porches. The backfill was approximately 4 ft deep at both locations. The contractor had placed the 4 inch slabs at both locations before bearing test were done. I recommended that the contractor drill 1/2inch dia. holes through the slabs at several locations. I tested the compacted backfill which was "stone screenings" through the 1/2 inch holes with a hand held Penotrometer and got readings exceeding the 2,000psf presumptive bearing pressure per code.

The compacted backfill will support the live and dead loads as specified in the North Carolina Residential Building Code, 2018,ed.

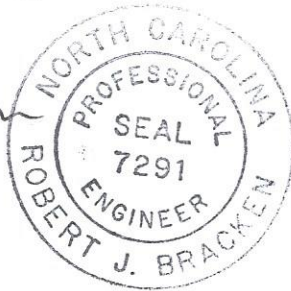
If you have any questions, please feel free to contact me @ 919-774-6074.

Sincerely,

Robert J. Bracken

Robert J. Bracken, PE

RJB:jeb



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"/> Y <input type="radio"/> N	Commercial Project: <input type="radio"/> Y <input checked="" type="radio"/> N
Code Enforcement Project No:	Permit No:
Project Name: Hoener House	Owner: Jeff Hoener
Project Address: 97 Mt Olive Church Rd, Lillington, NC 27546	
Date Inspected: January 16, 2023	Contractor Name: Brad Cummings
Component Inspected: Soil Backfill	

Responsible Licensed NC Architect or NC Engineer

Name:	Robert 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 Carbonton Rd, Sanford, NC 27330

APPLICABLE CODE:

2018 NC Residential Code

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

Describe Element/Component/Type of Inspection: *

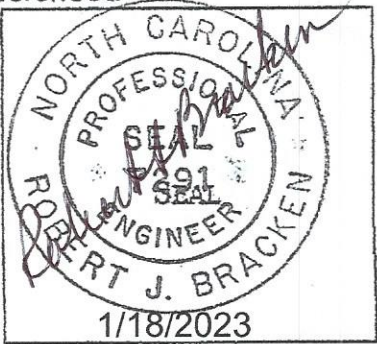
* See Attached Letter

*(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 G.S. 160D-11-6 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 G.S. 160D-11-1, 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.