

RJB, P.E., P.A.

C-0269

ROBERT J. BRACKEN  
ENGINEER + SURVEYOR

3768 Caribnton Road • Sanford, North Carolina 27330

October 24, 2022

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

REF: Compaction Test  
Residential Building Site @  
636 Manor Hills Rd  
Lillington, NC 27546  
Weaver Homes, Contractor

Dear Sir/Madam,

I made an onsite visit to the above referenced residential building site on October 22, 2022. The purpose of the visit was to do soil bearing test for a monolithic Residential slab. The fill area was approximately 2 feet deep and filled with stone screenings. The material and compaction used was adequate. I used a hand held Penotrometer at several locations and got consistant readings of the Code approved Presumptive bearing pressure of 2000 psf.

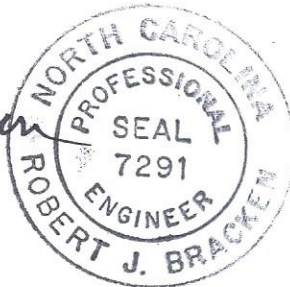
. The monolithic slab will support the live and dead loads per the NC State Residential Building Code, 2018,ed.

If you have any questions please feel free to call me at 919-774-6074, or E mail @  
bjbracken@windstream.net

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 <input type="radio"/>	Commercial Project: Y <input checked="" type="radio"/> <input type="radio"/>
Code Enforcement Project No:	Permit No:
Project Name: Lot @ 636 Manor Hills Dr	Owner: Weaver Homes
Project Address: 636 Manor Hills Rd, Lillington, NC 27546	
Date Inspected: 10/22/2022	Contractor Name: Weaver Homes
Component Inspected: Soil Bearing	

## 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

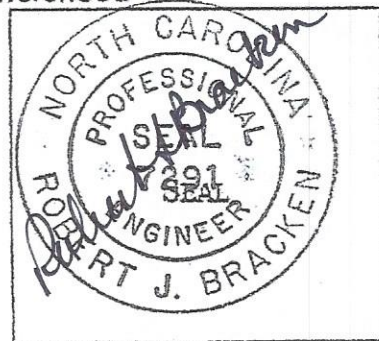
Describe Element/Component/Type of Inspection: \*

\* 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

10/22/2022

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.

*The guidance and opinions contained herein are not legal advice and may not necessarily reflect the most current statutory or code language.*