

J.S. THOMPSON
ENGINEERING, INC

structural and geotechnical
custom residential design

May 29, 2020

Donald Gargano

Dear Mr. Gargano:

A site visit was made to 216 Bay Street in Harnett County, North Carolina to inspect the exposed footings at the porch addition.

The bottom of the footings was inspected and firm sand was encountered at depths ranging from two to three feet below grade. The soil at the bottom of the footings will provide the minimum required bearing capacity of two thousand pounds per square foot. The footings were excavated per plan with all concrete depths set correctly and are suitable for concrete placement. Holes were excavated adjacent to two existing 8 x 8 treated piles at the existing structure. The piles were verified to have been driven to depths typical for friction piles.

The porch footings lie within the 100-year flood plain and require additional restraint. (3) #4 rebar are to be embedded into the bottom of each 6 x 6 treated post spaced 4" o.c. crisscrossed. The rebar is to extend a minimum of 6" from the face of each post and is to have minimum 3" concrete cover at all sides. 1/2" diameter holes are to be drilled in the posts so that the rebar is snug. The posts are to be set on the poured footings and an additional 16" of concrete is to be poured on top to encase the bottom of the posts.

Please call me if you have any questions.

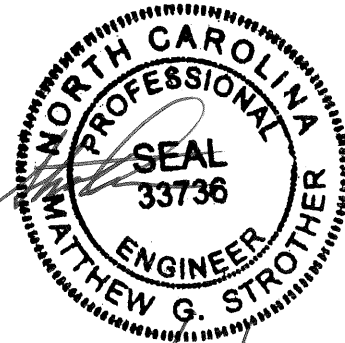
Sincerely,

J.S. Thompson Engineering, Inc.
N.C. License No. C-1733

Zachary H. Hayes, E.I.



Matthew G. Strother, P.E.



5/29/2020

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: Yes	Commercial Project: No
Code Enforcement Project No: -----	Permit No: SFD2005-0017
Project Name: 216 Bay Street	Owner: Ronnie & Joyce Carroll
Project Address: 216 Bay Street, Fuguav-Varina, NC 27526	Suite No:
Date Inspected: 5/27/2020	Contractor Name: Donald Gargano
Component Inspected: porch footings	

Responsible Licensed NC Architect or NC Engineer

Name:	Matthew G. Strother, P.E.
Firm Name:	J.S. Thompson Engineering, Inc.
Phone Numbers:	Office: (919) 789-9919 Mobile: (919) 427-6362
Email Address:	matt@jsthompson.com
Mailing Address:	606 Wade Avenue, Raleigh, NC 27605

APPLICABLE CODE: 2018 NCRC

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

Describe Element/Component/Type of Inspection: *

Inspection of footings to verify excavated per approved plan and in compliance w/ 2018 NCRC.

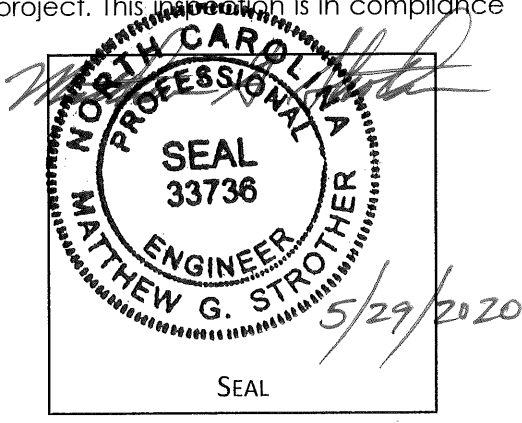
See sealed letter for additional information.

*(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.

Matthew G. Strother, P.E. 5/29/2020
 Licensed Architect or Engineer Date



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.