

J.S. THOMPSON
ENGINEERING, INC

structural and geotechnical
custom residential design

June 22, 2020

Donald Gargano

Dear Mr. Gargano:

The structural plans were reviewed for 216 Bay Street in Harnett County, North Carolina to address three items. Analysis revealed the following:

- 1) In lieu of through bolts, the porch band may be attached to the house with (2) rows of Simpson SDS (or equivalent) screws at 16" o.c.
- 2) In order to create a vaulted ceiling at the porch, the ceiling joists are not required to be installed.
- 3) The 6 x 6 treated posts were set on the poured concrete footings and (2) #4 x 24" rebar were installed through the bottom of the posts per our direction. Rebar dowels were embedded into the top of the footings and bent at an "L" across the rebar at the bottom of the posts to prevent uplift. The rebar was installed per our specifications. The footings are suitable for the second concrete pour.

This configuration will provide the required support for all applied loads.

Please call me if you have any questions.

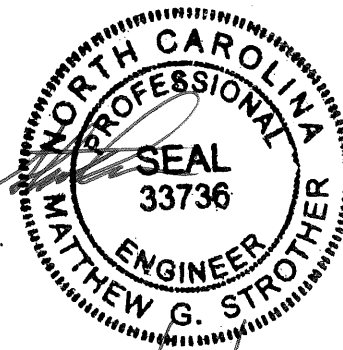
Sincerely,

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

Zachary H. Hayes, E.I.



Matthew G. Strother, P.E.



6/22/2020