

J.S. THOMPSON ENGINEERING, INC

structural and geotechnical
custom residential design

April 24, 2022

Steve Thomas
Southern Concrete Inc.
PO Box 875
Broadway, NC 27505

RE: 299 Kensington Drive
Spring Lake, NC

Dear Mr. Thomas:

Per your request, a site visit was made to the above referenced address to inspect the existing construction to determine the structural requirements to remove approximately 4'-10" of the front of the slab and house.

Inspection of the foundation and analysis of the loading on the area per the approved plans revealed the following:

- 1) #4 rebar dowels spaced 16" on center are to be embedded 3" into the 4" original slab using epoxy.
- 2) The dowels are to extend out to about the center of the new thickened slab/footing and bend 90 degrees down into the footing.
- 3) The footing is to be 3000 psi concrete 16" wide x 20" deep with (2) #4 rebar continuous in the bottom of the footing.

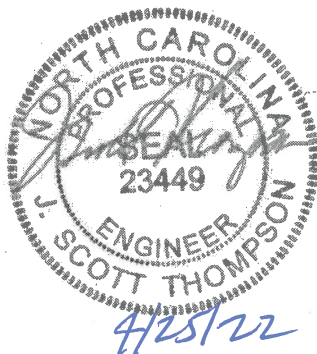
Once the footing repairs have been constructed as described herein, the added footing and rebar will be properly bonded to the original slab to provide the required support for all applied loads.

Please call me if you have any questions.

Sincerely,

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

J. Scott Thompson, P.E.



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