

**GEORGE M. ROSE, P.E.**

P.O. Box 53441  
Fayetteville, NC 28305  
910-977-5822

August 20, 2019

Scott Guy  
Harnett County Inspections Department  
108 E. Front Street  
Lillington, NC 28546

Re: Seth Thompson residence  
6262 NC 217  
Linden, NC 28356

Dear Mr. Guy,

I have inspected the premises at the above referenced address and noted where additional concrete has been added to 20 of the interior pier footings. This was done in response to your inspection where you observed that the block piers were constructed out to the edge of these concrete footings, leaving no projection as is required by Figure R403.1(1) of the residential code. You had actually noted a total of 34 piers on the plan where you questioned the projection, but after excavation only a total of 20 needed additional concrete.

The contractor installed (by drilling) two #4 rebar dowels into the existing concrete pier footings and extended the footings by approximately 8 inches by 24 inches by 8 inches thick – giving the footings approximately 8 inches of projection beyond the block. These projections do not exceed the thickness of the footings (note c of Figure R403.1(1)). No rebar was placed in the added footing with the exception of two dowels noted. My understanding from the contractor is that 3,000 psi concrete was used.

It is my professional opinion that the additional concrete satisfies the minimum code requirement for footing projection. Please contact me if you have questions or need additional information.

Sincerely,



George M. Rose  
Licensed Professional Engineer No. 11315

