



August 2, 2023

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Reference: Engineering Services
Permit # BRES2304-0039
3305 US-401 South
Lillington, NC 27546
TE&D Project No.: DRB2101-0152-B

To Whom It May Concern;

As requested, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site to observe the following items:

- 1) 3RD party foundation observations.
- 2) 3RD party footing projection observations.

The following conclusions and recommendations were noted:

- 1) The existing foundation was visually observed with regard to compliance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code. Per our plans, the exterior foundation was to be constructed with 8" masonry with a 4" brick veneer. During our inspection, it was observed to have been constructed with 4" masonry and a 4" brick veneer. We understand the addition is to be finished at the exterior with wood siding in lieu of 4" brick per our plans. Based on our observations and analysis, the current configuration of the exterior foundation is adequate provided that the addition is to be finished at the exterior with wood siding.

Based on our visual observations and analysis, with exception to the above, the existing foundation was prepared in general accordance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code. The covered patio foundation and footings were to be dug at a later time per the client; therefore, this component was not inspected.

- 2) The existing footing projection was visually observed with regard to compliance with the project plans. Our inspection consisted of spot checking the projection with a probe rod. We observed inadequate projection at (1) of the piers; however, this was corrected per our direction with (2) 8" long #4 rebar embedded 4" into the side of the existing footing. Based on our visual observations and analysis, the existing foundation had suitable projection with piers having suitable projection at all faces. The foundation projection will provide the required support for the anticipated loading conditions.

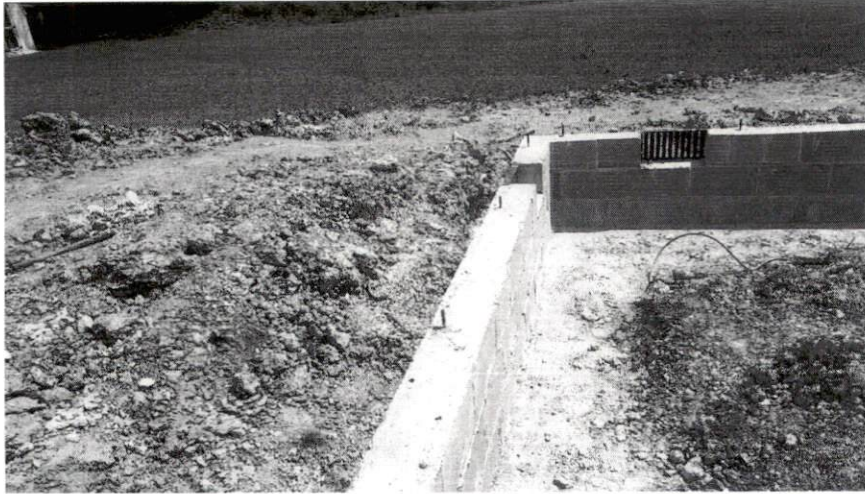
We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design

Tripp Amos
PT III | DRB2101-0152-B

Prentice Tyndall Jr., P.E.





Examples of foundation constructed and footing projection repair made

