

KEN BRIGHT ASSOCIATES PLLC
Consulting Engineers

August 24, 2023

Harnett County Building Inspections
420 McKinney Parkway
Lillington, NC 27546

Ref: Lot 62 Blackberry, 140 Knotts Berry Rd., Bunnlevel, NC

To Whom it may concern,

Purpose/Description: On Friday, August 18, 2023, Tony Toro with Lamco Custom Builders called me regarding a narrow footing on the rear wall of the above residential structure. When they were laying the foundation block they found a 12 foot section of concrete footing that was not wide enough to meet minimum building code requirements. This section of footing was just 2 to 3 inches outside of the block towards the inside of the structure. It widens to full width within the 12 feet section inside of the foundation.

The proposed home is a one-story wood structure with vinyl siding.

Recommendation:

I recommended that the builder installs #4 rebar at 2 feet on center minimum. They need to be drilled 8 inches into the existing concrete.

We recommend that the building inspector inspects the rebar prior to placing any concrete.

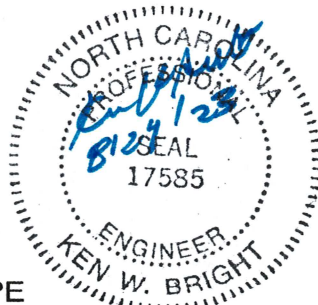
Once inspected by the building inspector, we recommend placing a minimum of 8 inches of 2,500 psi concrete in the trench.

With these modifications, the footing will comply with the NC Residential Building Code.

We make no representation regarding the condition of this property other than as contained in this letter.

If you have any questions or need additional information, please feel free to call me.

Sincerely,



Ken W. Bright, PE

File: bright1/projects 2023/Lamco Lot 62 Blackberry / Engineer's Letter Lot 62 Blackberry