

KEN BRIGHT ASSOCIATES PLLC
Consulting Engineers

June 23, 2023

Harnett County Building Inspections
420 McKinney Parkway
Lillington, NC 27546

Ref: Lot 63 Blackberry, 145 Knotts Berry Rd., Bunnlevel, NC

To Whom it may concern,

Purpose: On Friday, June 23, 2023, at the request of Tony Toro with Lamco Custom Builders, I went to Lot 63 at 145 Knotts Berry Road to make recommendations for the footing where water was found.

Observation: There was 6" + of water in all trenches. Four to six inches of water was observed in most of the trenches. In 2 places soft soil was found approximately 30" deep in the front right and left rear. I discussed this with this with Tony Toro, the builder, and he thought those areas were probably stump holes. The dug trenches were approximately 16" wide.

Recommendation: We recommend pumping out the water in the trenches as much as possible and removing all soft areas including any stump holes. Also, we recommend placing a non-woven filter fabric to wrap the trench and add a minimum of 8 inches of #57 or #67 stone. Stump holes to receive full depth stone. We instructed Mr. Toro to install 2#4 rebars 3" to 4" from the bottom in all trenches prior to pouring any concrete.

Once this has been done, we recommend that the prepared trenches be reinspected by the building inspector prior to placing any stone.

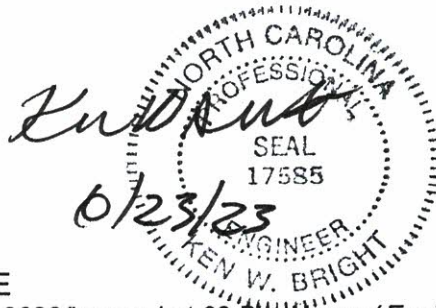
Once inspected by the building inspector, we recommend placing a minimum pf 8 inches of 3000 psi concrete in all trenches.

With these modifications, the footings 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 63 Blackberry / Engineer's Letter Lot 63 Blackberry

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