RJB, P.E., P.A.

C-0269

ROBERT J. BRACKEN
ENGINEER + SURVEYOR
3768 Carbonton Road • Sanford, North Carolina 27330

April 6, 2020

Harnett County Inspections
P. O. Box 65
Lillington, NC 27546

Ref: Slab/Footing Inspection
964 Lloyd Stewart Rd.
Cameron, NC 28326
Harnett Co

Dear Sir/ Madam,

I made an onsite to the above referenced residential building site. The purpose of the visit was to inspect the existing slab to see if it could be used for a residential space. As is, the slab does not meet Code standards I recommended that the owner remove the soil under the edge of the slab and place concrete in the under cut trench. Please see attached sketch.

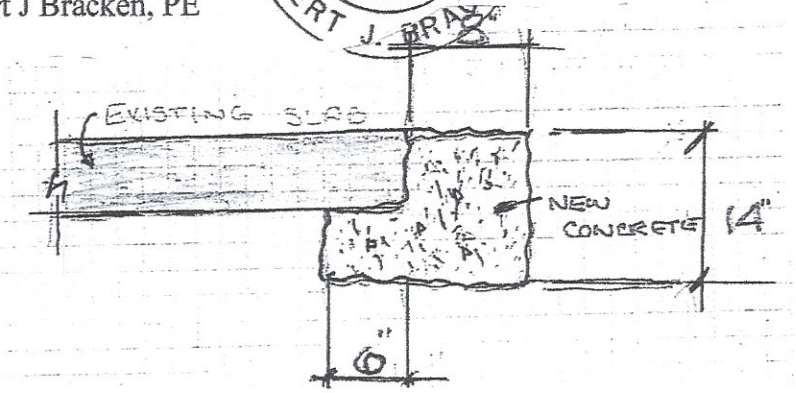
With the placement of the concrete, the footing/slab will support the Live and Dead Loads as specified in the N C State Residential Building Code,2018,ed.

If you have any questions please contact me @ 919-774-6074.

Sincerely,

Robert J Bracken, PE

NORTH CAROLINA PROFESSIONAL SEAL 7291 ENGINEER ROBERT J. BRACKEN



Mark E. Jones, PE
Structural Engineering and Design

April 15, 2020

Matthews Backhoe Service
P.O. Box 231
Kipling, NC 27543

Ref: Site Observations and Analysis
446 Kipling Rd.
Fuquay-Varina, NC
Project No. 20-102

To Whom it may concern;

The above referenced site was visited on March 31, 2020 for the following items:

1. Engineer to perform third party footing inspection.

Based on analysis, the conclusions regarding the condition(s) are:

1. The referenced project is for new construction of a single family dwelling on a crawl space foundation. At the time of the inspection the contractor had excavated the footings for the interior piers and perimeter walls. Although the soils were wet in some areas due to the high groundwater table, the footings were excavated to consistent firm residual soils adequate to support all required design loads and were ready for concrete placement.

Thank you for this opportunity to assist you. If you have any questions or need any further assistance, please do not hesitate to call.

Respectfully,

Mark E. Jones

NORTH CAROLINA PROFESSIONAL 032702 4-15-2020 ENGINEER MARK E. JONES

Mark E. Jones, PE

6425 Glen Dean Court • Raleigh, NC 27603 • phone: (919) 395-5618