

# HARNETT COUNTY INSPECTIONS DEPARTMENT

## 3<sup>RD</sup> PARTY INSPECTION FORM

RECORD OF THE INSPECTION OF A COMPONENT OR ELEMENT BY A NC LICENSED ARCHITECT OR ENGINEER

### Project Information:

Residential Single-Family Project: <input checked="" type="radio"/> Y <input type="radio"/> N	Commercial Project: <input type="radio"/> Y <input checked="" type="radio"/> N
Code Enforcement Project No:	Permit No:
Project Name: 2228 Buckhorn Road	Owner:
Project Address: 2228 Buckhorn Road Sanford, NC 27330	Suite No:
Date Inspected: 4/4/23	Contractor Name:
Component Inspected: Existing Footing, Underlying Bearing Soils, and Basement wall preparations	

### Responsible Licensed NC Architect or NC Engineer

Name:	Alan W. Lewis, P.E.		
Firm Name:	Tyndall Engineering & Design		
Phone Numbers:	Office: 919-773-1200	Mobile:	
Email Address:	tyndall@tyndallengineering.com		
Mailing Address:	250 Shipwash Dr. Suite 104, Garner, NC 27529		

### APPLICABLE CODE SECTION: 2018 NCRC

2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

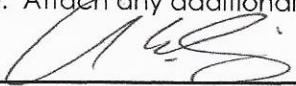
Describe Element/Component/Type of Inspection: \*

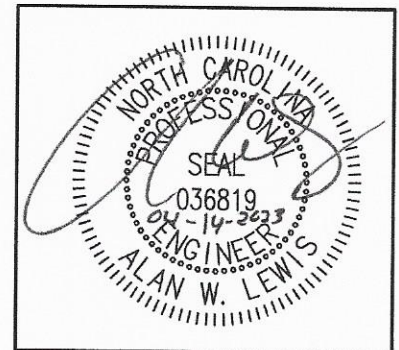
We performed a 3<sup>rd</sup> party Inspection of the existing footing as well as soil testing for the foundation bearing soils after concrete placement (Lug footings at the front of the house and within the basement slab were not excavated and therefore not inspected). We also inspected the Basement wall preparations prior to concrete placement.

\*(subgrade form/letter may also be required)

### Attestation/Signature:

By signing below, I certify that the component and/or element of the building as identified on this form has been inspected by me or someone under my direct supervision per subsection (b2) of NC G.S. 153A-352 and is in compliance with the Code or other proposal of the architect or engineer for the project. This inspection is in compliance with all of the requirements of the above referenced Code. Attach any additional documents if needed.

  
\_\_\_\_\_  
Licensed Architect or Engineer



### Inspection Department disclaimer:

Upon the receipt of a signed written document as required under subsection (a) of Article 160A-413.5., Code Enforcement shall be discharged and released from any liabilities, duties and responsibilities imposed by this article or in common law from any claim arising out of or attributed to the component or element in the construction of the building for which the signed written document was submitted. Be aware that this inspection will be noted in all inspection records including the Certificate of Occupancy or Certificate of Compliance. This inspection does not address any local ordinances or zoning requirements.

03/23/2020



April 4, 2023

Jose Flores  
AK Concrete  
3412 N New Hope Rd.  
Raleigh, NC 27604  
Email: [ak\\_concrete@yahoo.com](mailto:ak_concrete@yahoo.com)

Reference: Engineering Services  
2228 Buckhorn Road  
Sanford, NC 27330  
TE&D Project No.: 2301-020281

To Whom It May Concern;

As requested, a representative of Tyndall Engineering & Design, PA (TE&D) made (2) site visits to observe the following items:

- 1) Observe the materials/condition of the foundation bearing soils.
- 2) 3<sup>rd</sup> party footing installation observations.
- 3) 3<sup>rd</sup> party basement wall prep observations.

The following conclusions and recommendations were noted:

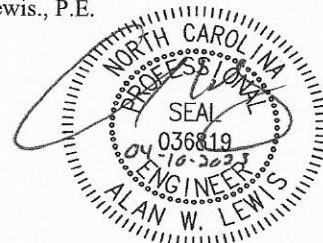
- 1) The materials/condition of the foundation bearing soils were visually observed, qualitatively probed, and subjected to Static Cone Penetrometer (SCP) testing below the existing footings (where applicable). Based on our observations and analysis, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2000 PSF). Note: Lug footings within the basement and front of the house were not excavated and therefore not inspected.
- 2) The existing poured concrete footing was visually observed with regards to compliance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code. Based on our visual observations and analysis, the existing footing was prepared in general accordance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code.
- 3) The existing basement wall preparations were visually observed with regards to compliance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code. Based on our visual observations and analysis, the existing basement wall preparations were prepared in general accordance with the project plans and applicable provisions of the 2018 North Carolina Residential Building Code. Note: The basement slab must be poured and cured prior to backfilling basement walls per plan. In addition, lug footings within the basement and front of the house were not excavated and therefore not inspected.

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.

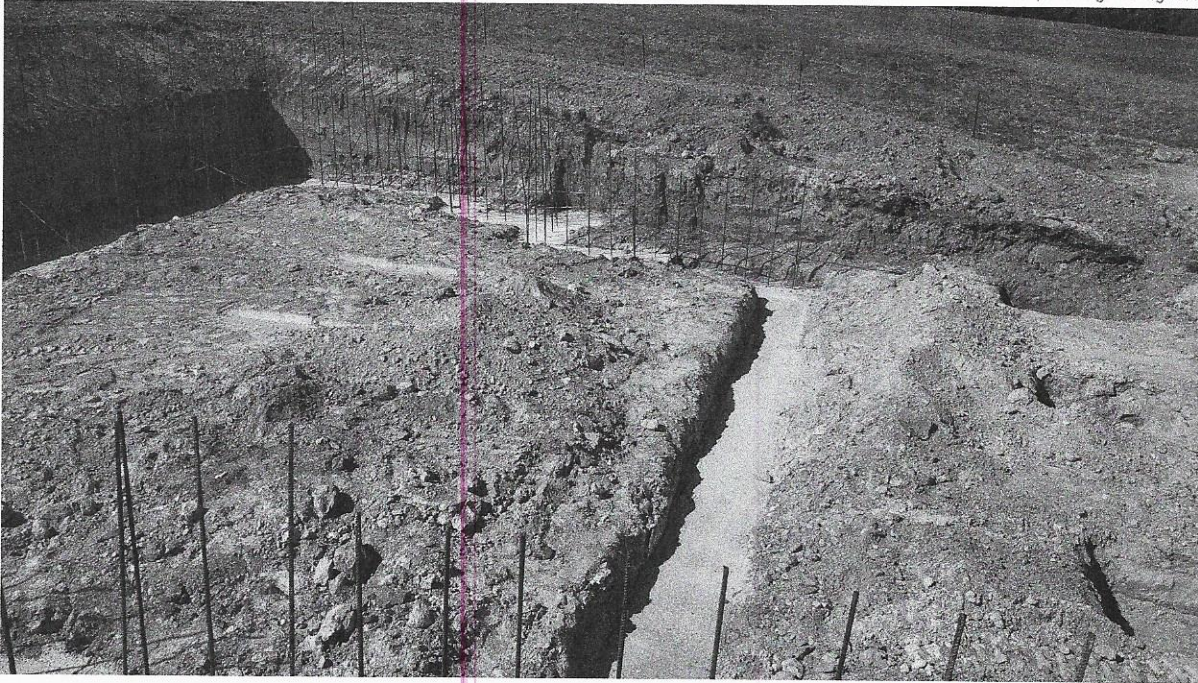
Sincerely,  
Tyndall Engineering & Design

Tripp Amos  
PT III | 2301-020281

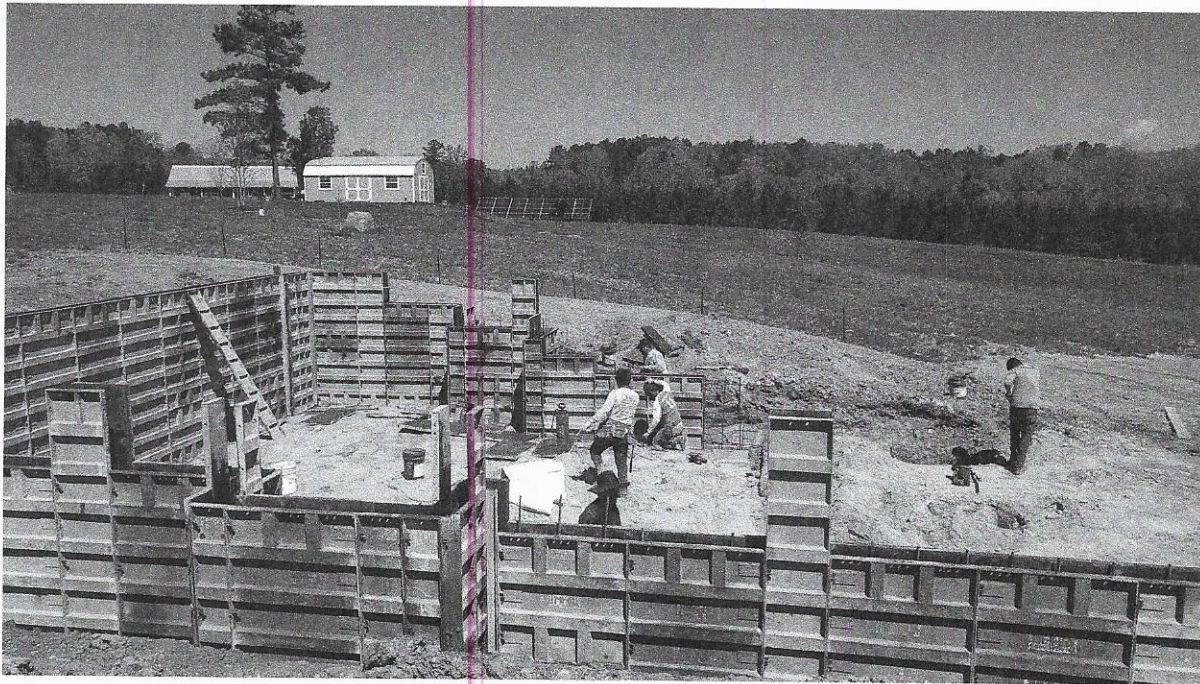
Alan W. Lewis., P.E.







**Example of footings installed**



**Example of basement wall preparations made**