

# 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: Y <input checked="" type="radio"/> N
Code Enforcement Project No:	Permit No: BRES2304-0039
Project Name: 3305 US-401 South Lillington, NC 27546	Owner:
Project Address: 3305 US-401 South Lillington, NC 27546	Suite No:
Date Inspected: 8/4/2023	Contractor Name:
Component Inspected: Footing Excavation & Bearing Soils	

### Responsible Licensed NC Architect or NC Engineer

Name:	Prentice Tyndall Jr., 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

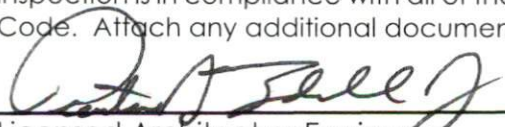
Describe Element/Component/Type of Inspection: \*

We performed a 3<sup>rd</sup> party Footing Excavation Inspection as well as soil testing for the foundation bearing soils for the covered patio footings and garage footings.

\*(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.



August 8, 2023

Masheika Raines  
3305 US-401 South  
Lillington, NC 27546  
Email: sreliott6@gmail.com

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

To Whom It May Concern;

As requested by the builder, representatives of Tyndall Engineering & Design, PA (TE&D) made multiple site visits to observe the following items:

- 1) 3<sup>RD</sup> party footing excavation observations.
- 2) Observe the materials/condition of the foundation bearing soils.

The following conclusions and recommendations were noted:

- 1) The existing excavated footing for the covered patio and the garage was visually observed with regard 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.
- 2) The materials/condition of the foundation bearing soils were visually observed, qualitatively probed, and subjected to Static Cone Penetrometer (SCP) testing. Multiple sections of the inspected footing had been over-excavated up to 7'-0" below the specified footing depth down to firm residual soils. Per our direction, the over-excavated footings had been backfilled with #57 light washed stone up to the specified footing depths. In addition, minimum (2) #4 continuous rebar at 8" o.c. had been installed throughout the bottom of the footing. Based on our observations and analysis, the in-situ soils were noted as being adequate to support the anticipated loading conditions (2000 PSF).

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

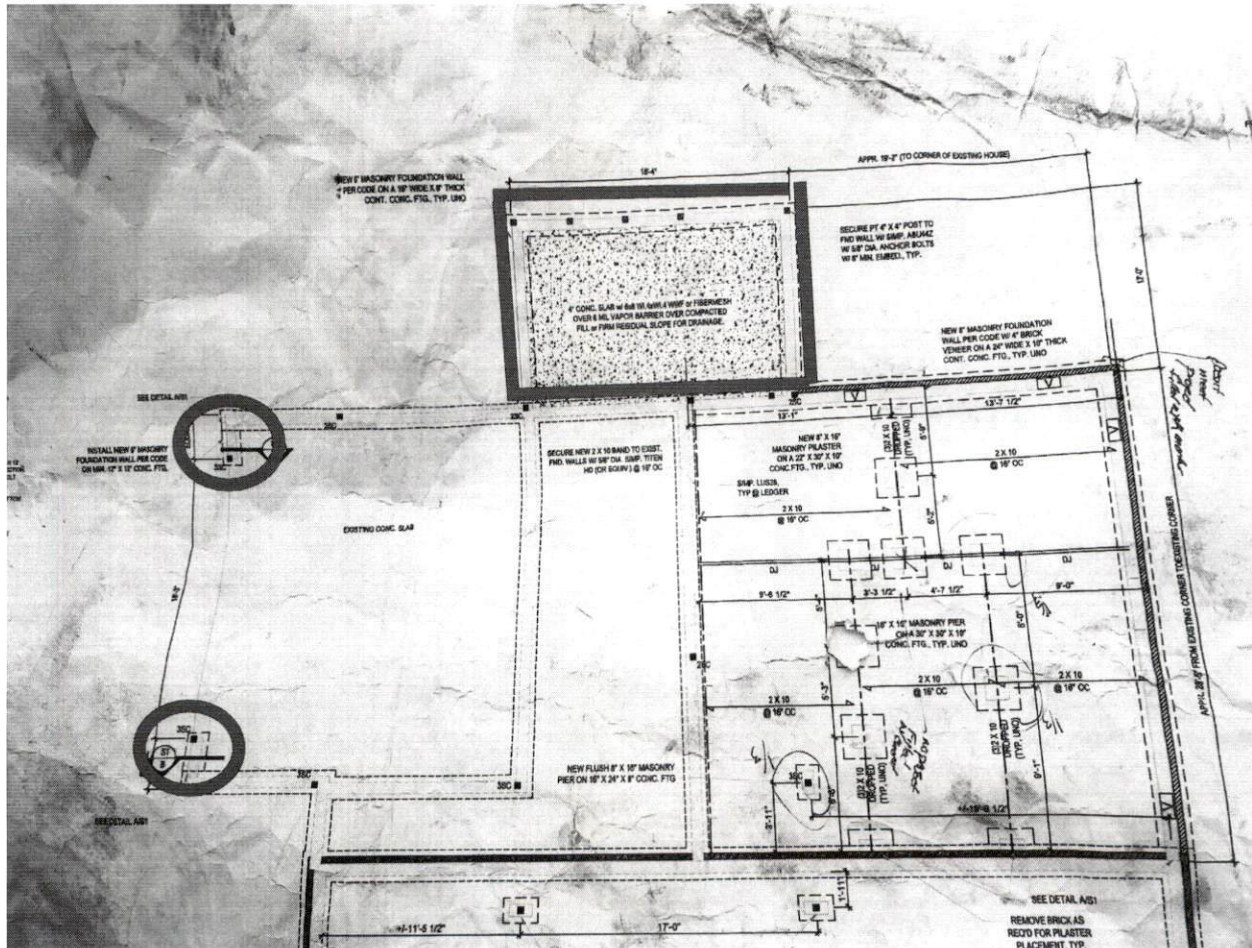
Tripp Amos  
JMW | DRB2101-0152-C

Prentice Tyndall Jr., P.E.





 <b>HARNETT COUNTY</b> NORTH CAROLINA		<b>BUILDING RESIDENTIAL</b>		PERMIT NUMBER BRES2304-0039	
910-893-7525		www.harnett.org			
JOB ADDRESS: 3305 US 401 S		PERMIT SUBTYPE: RESIDENTIAL ADD/ALTER		PARCEL NO: 0568-04-4434.000	
DESCRIPTION: 27x27 addition & complete remodel - see notes		DATE ISSUED:		DATE EXPIRED:	
PLAN NAME:		ZONING DISTRICT: RA-20R - 0.58 acres (100.0%)			
APPLICANT: Mashekia Raines 3305 US 401 S Lillington, NC 27546		PHONE: (910)891-8316		EMAIL: sreil06@gmail.com	
CONTRACTOR: Mashekia Raines 3305 US 401 S Lillington, NC 27546		PHONE: (910)891-8316		EMAIL: sreil06@gmail.com	
OWNER: BELL MASHEKIA T 3305 US 401 S LILLINGTON, NC 27546 LILLINGTON, NC 27546-0000		PHONE:		EMAIL:	
REQUIRED INSPECTIONS					
INSPECTION TYPE	APPROVAL	DATE	COMMENTS		
FINAL**					
FOOTING					



Components inspected (red)

