



July 25, 2023

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

Reference: Engineering Services
Olive Ridge - Lot 8
Permit # BRES2304-0039
3305 US-401 South
Lillington, NC 27546
TE&D Project No.: DRB2101-0152-A

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) 3RD 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 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. We understand the covered patio footings are to be dug at a later time; therefore, this portion was not inspected.
- 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 6'-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

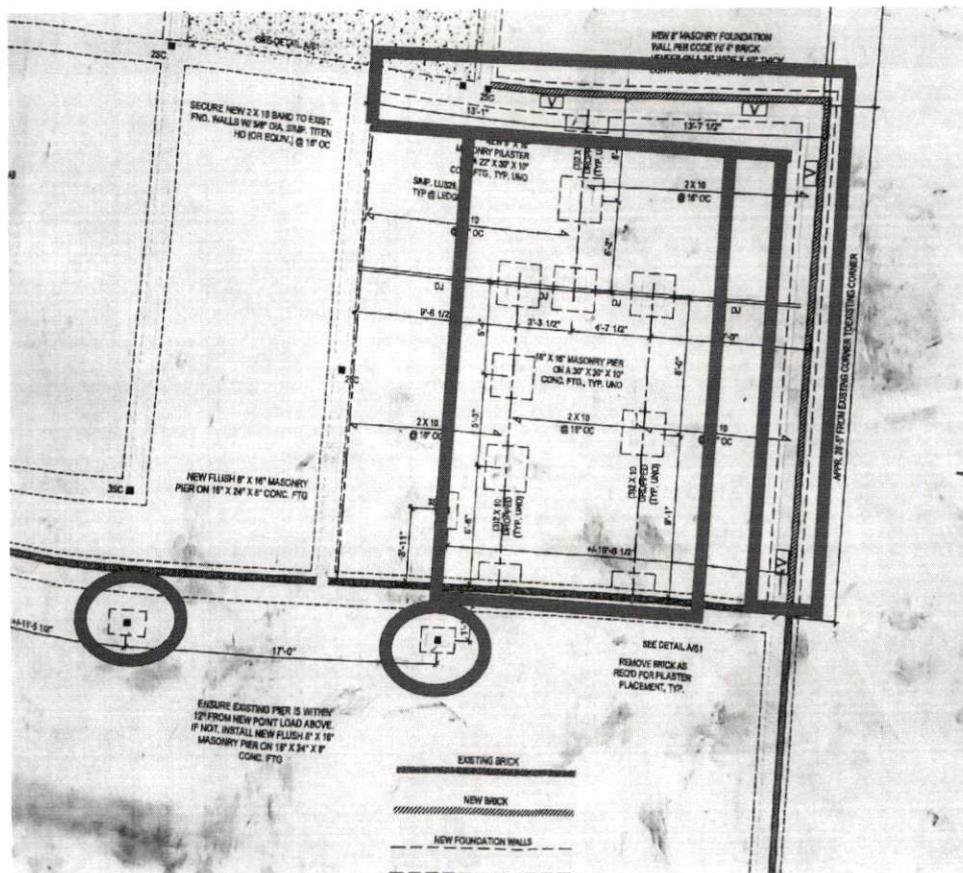
Tripp Amos
PT III | DRB2101-0152-A

Prentice Tyndall Jr., P.E.





 Harnett COUNTY NORTH CAROLINA		BUILDING RESIDENTIAL		PERMIT NUMBER BRES2304-0039
JOB ADDRESS: 3305 US 401 S		910-893-7525 www.harnett.org		PARCEL NO: 0568-04-4434.000
DESCRIPTION: 27x27 addition & complete remodel see notes	PERMIT SUBTYPE: RESIDENTIAL ADD/ALTER	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		
CONTRACTOR: Mashekia Raines 3305 US 401 S Lillington, NC 27546		EMAIL: srelliot6@gmail.com		
OWNER: BELL MASHEKIA T 3305 US 401 S LILLINGTON, NC 27546 LILLINGTON, NC 27546-0000		PHONE: *****		



Components inspected (red)

