

# PROFESSIONAL ENGINEERING SERVICES

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Monday, May 16, 2022

Ref: Structural Evaluation  
Footing Subgrade/Shed Framing

Address: 6890 Old US HWY 421  
Lillington, NC 27546

To: David Norris/Whom it may concern

On May 10, 2022, I have visited the above listed property for the **foundation and framing verification for the attached shed to the building and the stand alone shed behind the property.**

Property is one story brick commercial building. The attached shed is located on the left of the property for viewers from the road and the standalone shed is at the back of the property.

I performed the subgrade tests for footings using static cone penetrometer near the base of the footings which consists of original native soil for the attached shed and the stand alone shed. The new footings were for the columns adjacent to the concrete porch slab to support the front of the elevated wood roofing of the porch and the back. The bearing for subgrade, the footing sizes and location were **adequate to support the applied live and dead loads.**

I have checked the framing for the back standalone shed, there were a need to add hurricane ties for all the roof trusses. I have verified the adding of the hurricane ties and this report written after completing the request. **All the elements of the structure, sizes, spans, materials, spacing and workmanship were adequately completed and within design standards. Construction also within 2018 NCBC guidelines.**

Should you have any questions or concerns regarding the information in this report, please contact me at: 919-749-5151.

Sincerely,

Kamal Essaid PE

