



Structural
Engineering
Consultants

Mr. Jose Rubio
93 Knight Road
Broadway, North Carolina 27505
Permit No. SFD2401-0148

April 18, 2024

Dear Mr. Rubio,

We observed the current condition of the foundation system that has been dug for the referenced residence.

The following are our observations and recommendations:

- The construction documents specify a 16" wide x 12" thick perimeter concrete footing.
- Typical interior spread footings are 2'-2" x 2'-2" x 12" thick.
- Soft soils were encountered up to 3'-0" below grade throughout the whole footprint of the foundation system.
- All soft and/or moist soils up to 3'-0" below grade were removed, and the area that was dug out was filled with #57 stone up to the required height. The stone was compacted with a manual roller.
- The area is ready for concrete to be poured.

Please let us know if you need further guidance or information.

Regards,



Henry D. Stewart, PE
NC Professional Engineer License #23015

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