

Harold Kelly
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May 6, 2023

Assiya Barnes
assiya@ibuyland.org

RE: LSS Preliminary Evaluation/US 401 N: Parcel: 012288 (22 acres) / Franklin County, NC

Dear Ms. Barnes:

On May 5, 2023, a preliminary soil/site evaluation was conducted on the property referenced above. The site/soil evaluation was performed in accordance with NC .1900 Rules for Sewage Treatment and Disposal Systems. The purpose of the evaluation was to determine what portion of the parcel was suitable for the permitting and installation of septic systems.

Based on our soil borings, a large portion of the property had soils that would be classified as '*provisionally suitable*' and would support the permitting and installation of septic systems. The soils were almost uniformly greater than 36" in depth with clayey friable subsoils (Cecil soil series). Soils with these characteristics are typically assigned loading rates of 0.3 GPD/Ft². A three bedroom home would require a septic/repair area of 6,000 to 8,000 Ft².

The portions of the property that would be classified as '*unsuitable*' for septic systems were either along Sandy Creek or were dissected by erosional features or road beds. While some of the smaller erosional/road features could be graded, all of the erosional features would be classified as '*unsuitable*' for septic systems. There is also a cemetery (Rodwell Family) on the property which would require a development setback and an access easement.

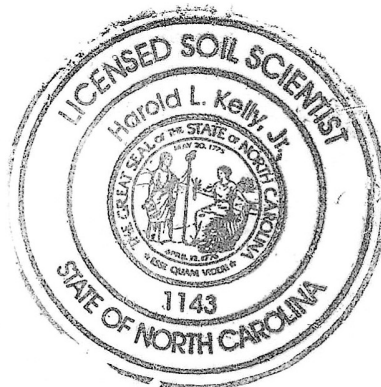
In summary, the enclosed site sketch shows the approximate portions of the lot that would support the permitting and installation of septic systems. The soils are typical of the Cecil soil series and are well suited for septic systems. The portions of the property near Sandy Creek and unsuitable topographic features (road cuts and gullies), would render some portions of the property '*unsuitable*' for septic systems. The delineation between '*provisionally suitable*' and '*unsuitable*' areas is approximate and all unsuitable topographic features are not shown. The purpose of a preliminary soil evaluation is to provide a general planning tool for possible future development. Additional detailed soil/site evaluation would be required prior to issuance of septic permits.

Thank you for the opportunity to provide you with this information. Please feel free to contact me if you have any questions.

Sincerely,





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Preliminary Soil Evaluation

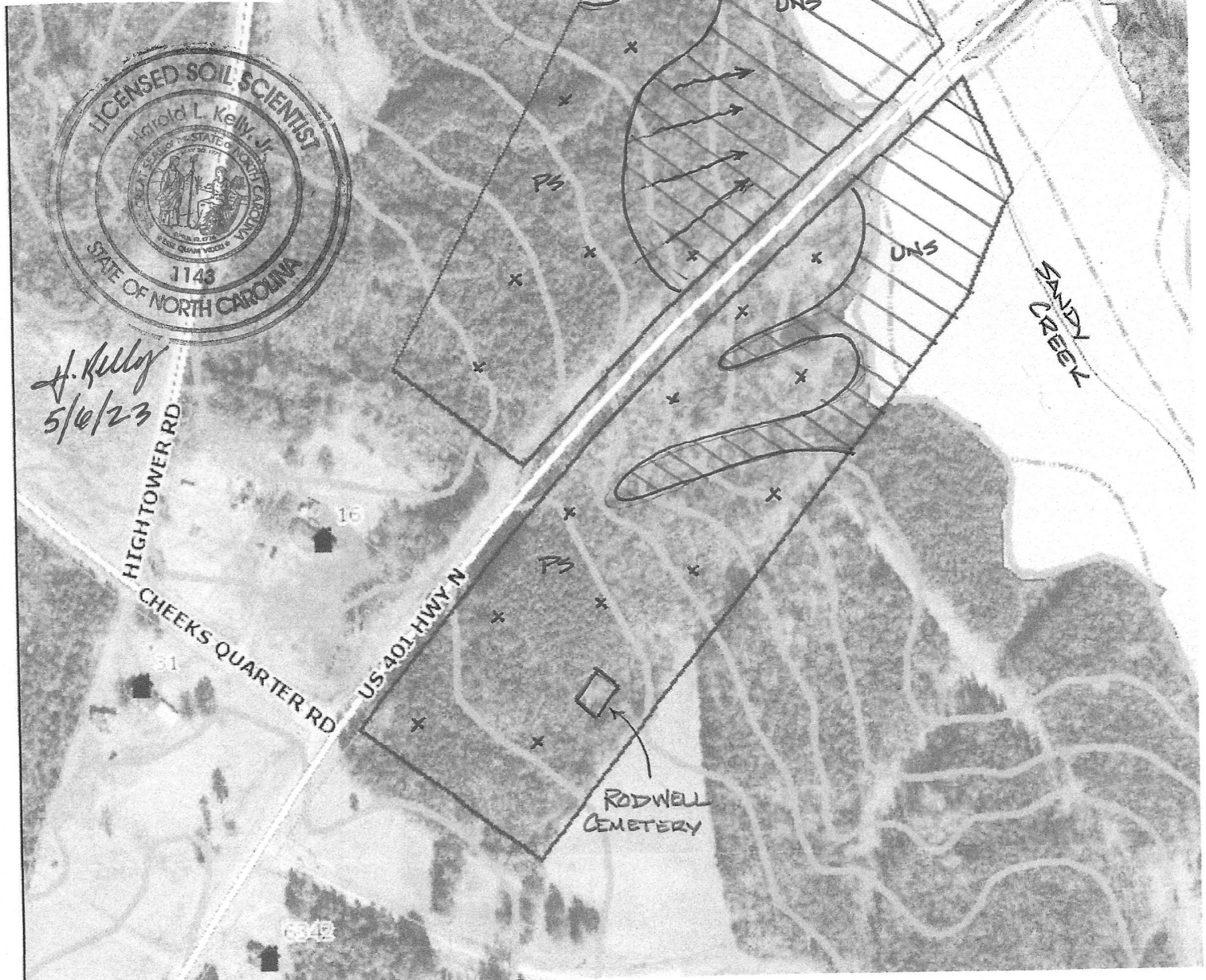
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For: Assiya Barnes
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- X - Approximate soil boring locations
-  UNS (Unsuitable septic areas)
-  PS (Provisionally Suitable soil areas)

Scale: 1" = ~300'

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INVOICE

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Evaluation/Report: 9.0 Hours (@\$80/hr.)

Total: \$720.00

*Please contact me if you have any questions regarding the report or this invoice.
Thank you for your business.*