

**Adams Soil Consulting**  
**1676 Mitchell Road**  
**Angier, NC 27501**  
**919-414-6761**

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August 23, 2019  
Project #811

Josh Britton  
425 Royal Pines Lane  
Lillington, NC 27546

RE: Soil/Site an existing septic system evaluation for 425 Royal Pines Ln in Harnett County.

Mr. Britton:

Adams Soil Consulting completed a soils evaluation for the above referenced parcel. The purpose of the site evaluation was to locate the existing septic system. The soil/site evaluation was performed using hand auger borings, under moist soil conditions, based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems" for the soil evaluation. At the time of evaluation, the existing tank was uncovered and exposed.

A septic permit could not be located on file with the Harnett County Health Dept. Based on conversations with the property owner the existing tank and drain field serviced a previous double-wide mobile home that was removed in the last 12 months. To the knowledge of the land owner there were no known issues of failure in the past. It is the desire of interested parties to utilize the existing septic system for a new commercial structure. Based on my observation of the tank and associated drain field I do not have any reason to assume the system will not function properly if placed back into service. The existing septic field appears to be sized for a minimal of 360 gallons/day system capacity which would allow the commercial facility to accommodate up to 14 employees. There is apparent adequate available space for a complete repair septic field should a repair be required in the future. The lot may require a repair septic system utilizing pumps, shallow or ultra-shallow conventional trench placement, low pressure pipe system, prefabricated permeable block panel system (PPBPS), and/or pretreatment system for final approval.

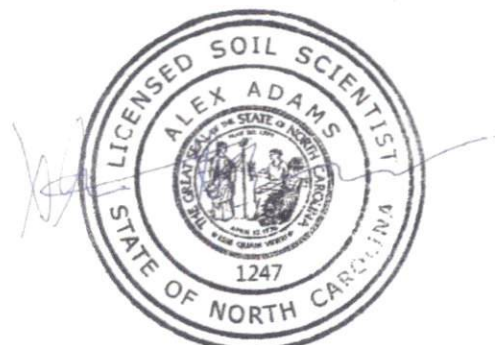
The lot will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for repair septic systems. A full septic design may be required before a permit can be issued on the above referenced lot demonstrating available space for the repair septic areas. Due to the subjective nature of the permitting process and the variability of naturally occurring soils, Adams Soil Consulting cannot guarantee that areas delineated as suitable for on-site wastewater disposal systems will be permitted by the governing agency. The accompanying site sketch shows the approximate location of the existing septic system. A site sketch with approximate septic system location can be supplied if requested.

Please give me a call if you have any questions.

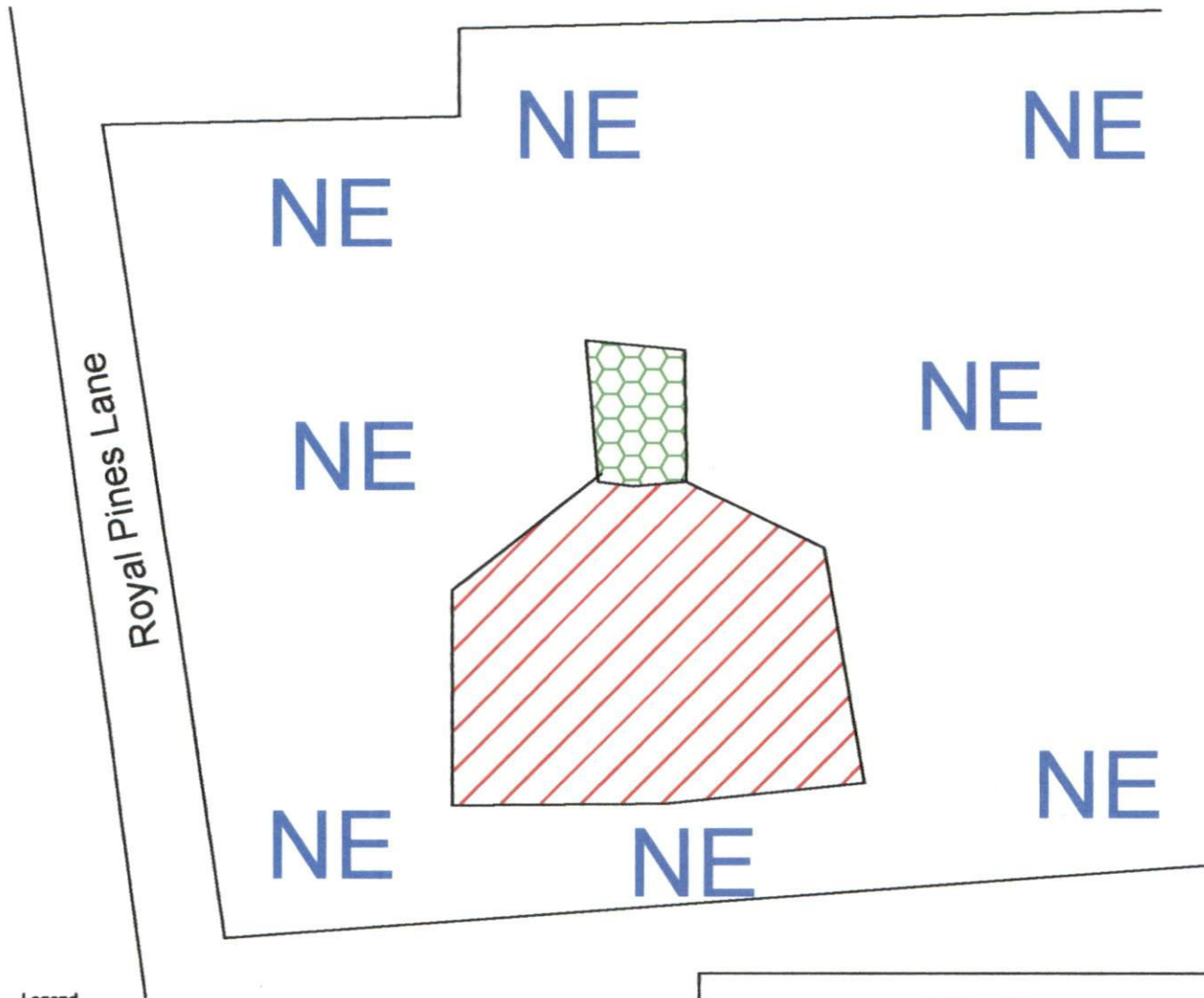
Sincerely,



Alex Adams  
NC Licensed Soil Scientist #1247



Preliminary Soil Evaluation  
 Josh Britton  
 425 Royal Pines Lane  
 Harnett County NC



Legend



Areas contain soils with 30 inches or more of useable material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-29 inches to a restrictive horizon that will have potential for LPP septic systems.



Approximate Location of Existing Septic Field  
 \*System appears to be functioning properly at time of evaluation

NE

Areas Not Evaluated

\*Not a Survey  
 (sketched from an public records)

GRAPHIC SCALE  
 1" = 100'



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