

# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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8 April 2020

Mrs. Dorothy Upchurch  
20 Butts Road  
Fuquay-Varina, NC 27526

Reference: Preliminary Soil Investigation  
Recombination Map for Dorothy Upchurch

Dear Mrs. Upchurch,

A site investigation has been conducted at the above referenced property, located on the eastern side of Rock Spring Lane, a private easement south of Rollins Road (SR 1413) in the Hectors Creek Township of Harnett County, North Carolina. A portion of Lot 2 is being recombined with Lot 1. The purpose of the investigation was to determine the ability of each lot to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All soil ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". It is our understanding that individual septic systems and public water supplies will be utilized at this site.

Lot 1 had a mobile home on it that was removed. The home had an existing septic system that appears to be located within the new setback requirements for this property. This existing septic system did not appear to exhibit signs of past stress or failure. It may be possible to utilize or modify this existing system to serve the new home. A soil investigation was conducted and it appears that an adequate amount of suitable and provisionally suitable soil exists on Lot 1 to support a conventional septic system and repair area for at least one residence. The suitable soils were observed to be friable sandy loams to greater than 36 inches and will support long term application rates of 0.6 gal/day/sqft. The provisionally suitable soils were observed to be friable sandy clay loams to greater than 34 inches and will support long term acceptance rates of 0.4 gal/day/sqft.

Lot 2 has an existing residence with an existing septic system that appeared to be functioning properly on the day of the investigation. This existing septic system appeared to be located within any setback requirements for this property. A soil investigation was conducted and it appears that an adequate amount of provisionally suitable soil exists on this lot to 100 % repair the system if it should fail.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.




Sincerely,

A handwritten signature in cursive script that reads "Hal Owen".

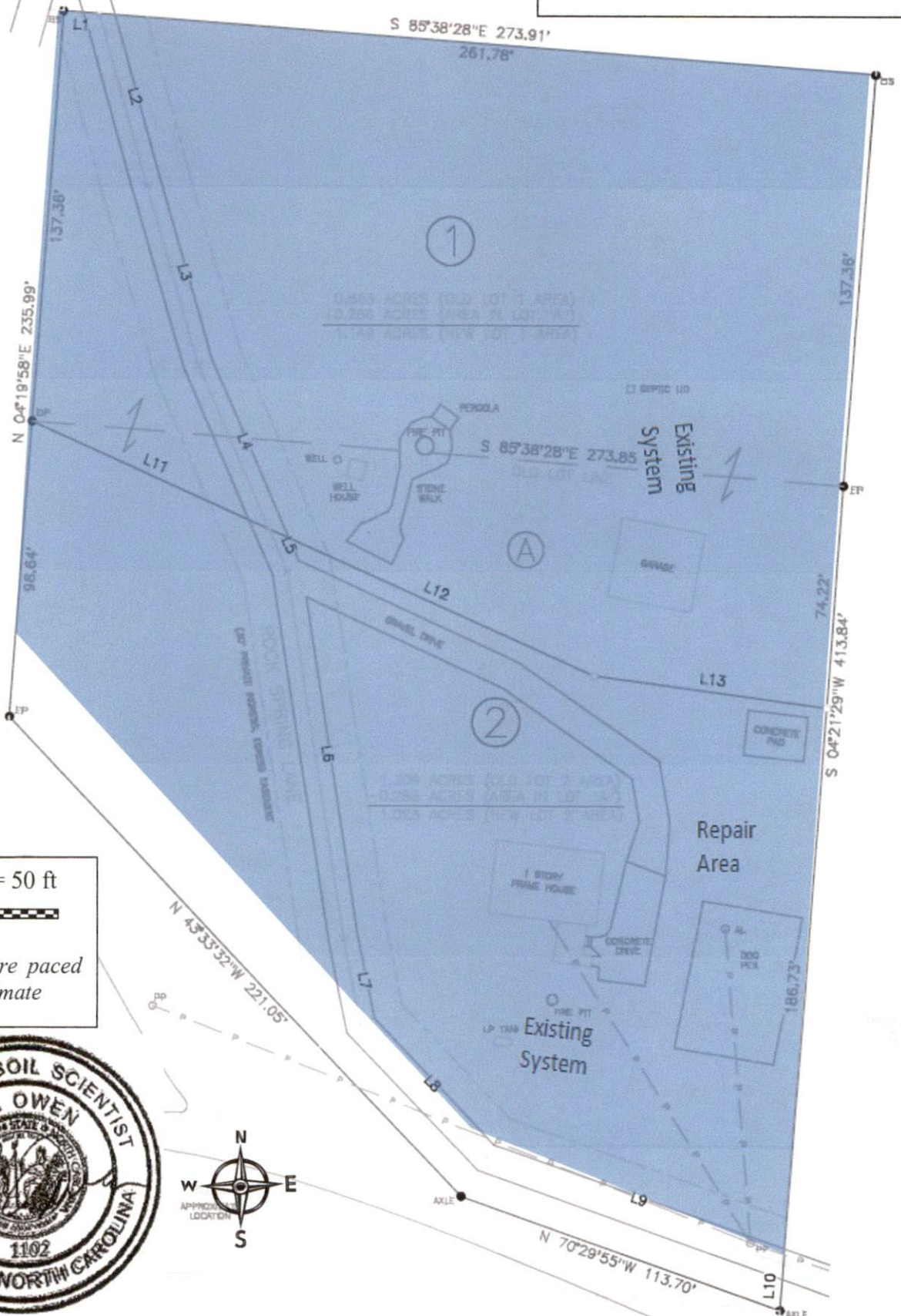
Hal Owen  
Licensed Soil Scientist

Preliminary Soil Investigation  
 Recombination Map for Dorothy Upchurch  
 8 April 2020


*Soil Map Legend*

	Suitable and Provisionally Suitable Soils
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Soil Map



Scale 1 in = 50 ft



Distances are paced and approximate

