

# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington NC 27546-0400  
Phone (910) 893-8743 / Fax (910) 893-3594  
www.halowensoil.com

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7 September 2023

Jimmy Hall

Reference: Preliminary Soil Investigation

Minor Subdivision for James T. Hall and wife Kathy P. Hall  
Lot 1 (2.257 Acres) and Residual Tract (+/- 7.05 Acres)

Dear Mr. Hall,

A soil investigation has been conducted at the above referenced property, located on the eastern side of Rosser Pittman Road (SR 1215) in the Barbecue Township of Harnett County, North Carolina. 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 two or three-bedroom home. It is our understanding that individual septic systems and public water supplies will be utilized at this site.

All soil ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". This report represents my professional opinion as a Licensed Soil Scientist but does not guarantee or represent permit approval for any lot by the Local Health Department (LHD). An improvement permit for all residences will need to be obtained from the LHD that specifies the proposed home size and location, and the design and location of the septic system to be installed.

A portion of each lot was observed to be underlain by provisionally suitable soils for subsurface sewage waste disposal. These soils were observed to range from friable sandy clay loams to firm clay loams greater than 36 inches and appear adequate to support long term acceptance rates of 0.35 to 0.5 gal/day/ft<sup>2</sup>.

The soils indicated as provisionally suitable soils for drip systems are limited in soil depth to the extent that subsurface drip dispersal systems will be required. These soils were observed to be firm sandy clay loams to greater than 17 inches below ground surface and appear adequate to support long term acceptance rate of 0.1 gal/day/ft<sup>2</sup>.

It appears that the soils on each lot are adequate to support a chamber septic system and repair area for at least one residence per lot. This soil investigation report and map, when provided to the LHD, 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.



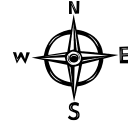
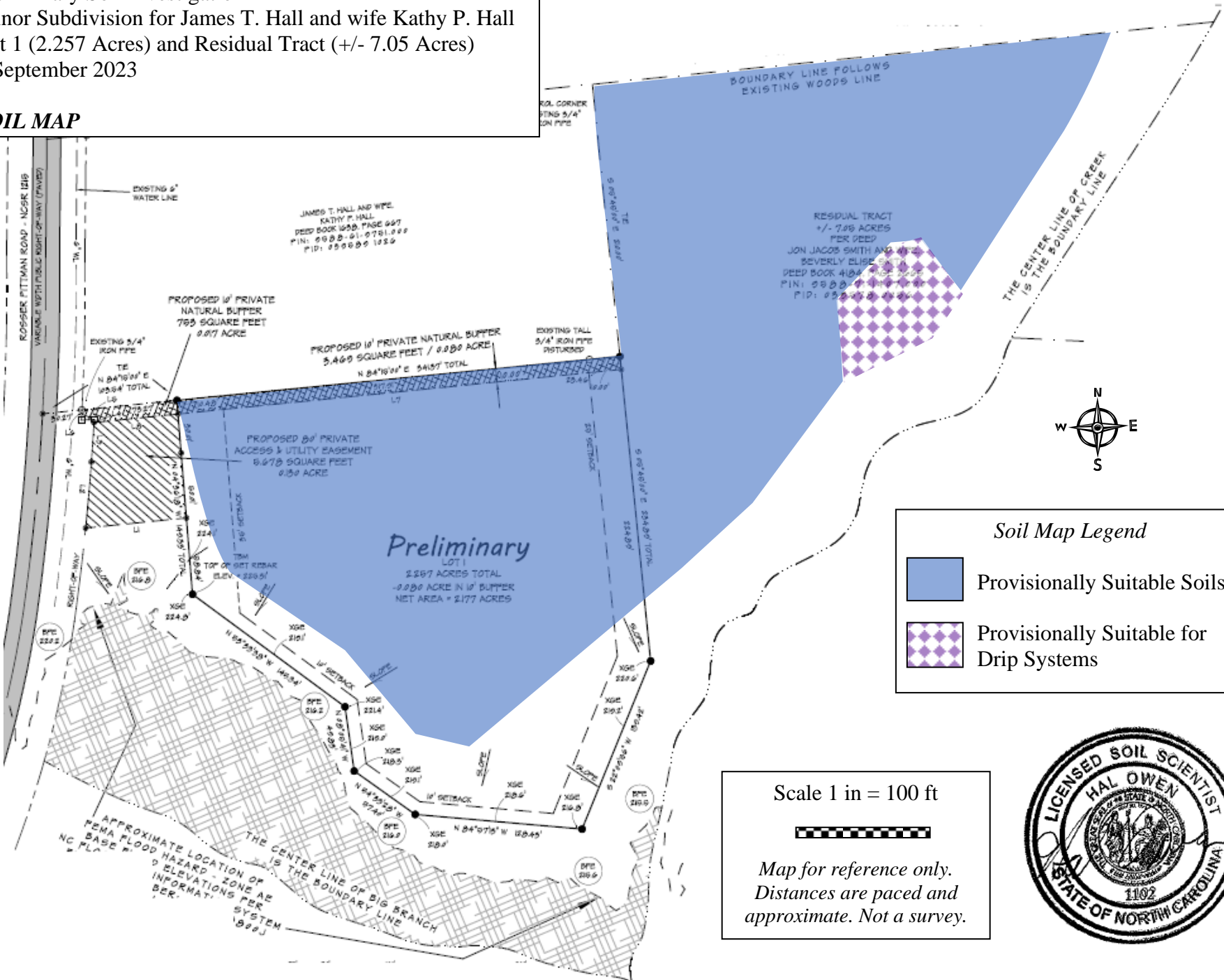
Sincerely,

A handwritten signature in black ink that reads "Hal Owen". The signature is written in a cursive, flowing style.



Hal Owen  
Licensed Soil Scientist

Preliminary Soil Investigation  
Minor Subdivision for James T. Hall and wife Kathy P. Hall  
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**SOIL MAP**



*Soil Map Legend*

-  Provisionally Suitable Soils
-  Provisionally Suitable for Drip Systems

Scale 1 in = 100 ft



Map for reference only.  
Distances are paced and approximate. Not a survey.

