

# SHAFER SOIL SERVICES

685 SANFORD ROAD  
PITTSBORO, N.C. 27312  
919-542-5803

April 9, 2005

Mr. Ricky Spoon  
Spoon Builders, Inc.  
2475 Redbud  
Pittsboro, NC 27312

Subject: Preliminary soil and site evaluation  
Stokes Property -Parcel No. 17268  
U.S. Route 64  
Chatham County, NC

Dear Ricky:

This letter serves to address the preliminary lot layout that you have provided to me on the above named parcel. You have titled this subdivision "Hickory Ridge". You have developed a proposed subdivision on this tract with 40 lots averaging about 2 acres in size and a proposed road and easements to serve these lots. I had previously evaluated the soils on this tract with a preliminary soils evaluation and submitted a report based on my findings.

Based on the level of detail for the preliminary soils report (dated March 19, 2005) I can only make general comments with respect to the proposed subdivision of 40 lots. My soil evaluation was not at the level of detail to site any particular lot or septic system. Therefore, the following comments are general in nature and may provide further guidance in development of the tract.

A large percentage of the tract has soils that are suitable for conventional and/or shallow conventional septic systems. Within the constraints of the scale of my original map, I will attempt to address the lot layout as you have shown it. *It is important to note that none of these estimates or statements can be assumed to be final, and that these statements in no way are meant to provide assurance that each of these mentioned lots has a suitable septic site and for a specific type of septic system.*

It appears that the following lots are in areas of suitable soils and should be able to be supported by a conventional or shallow conventional septic system: 1, 6, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 39, 40. For the remainder lots, one of the following situations does not allow me to make the above statement:

- 1) Insufficient soil borings were performed in the area of the proposed lot due to time constraints associated with the preliminary soils evaluation
- 2) Insufficient suitable soils borings are present in the area of the proposed lot
- 3) The proposed lot appears to be in an area of mainly unsuitable soils and/or unsuitable topography

None of these statements implies that the lots not specifically mentioned above cannot be served by a septic system of some type. Additional site evaluation is required to make these determinations.

If you have any questions concerning this information, or require further assistance, please do not hesitate to contact me. Thank you for the opportunity to perform this service for you.

Sincerely,



Karl A. Shaffer  
NC Licensed Soil Scientist  
Certificate Number 1009

