

# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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15 July, 2003

Mr. Dan Smith  
4724 Shady Greens Drive  
Fuquay-Varina, NC 27526

Reference: Preliminary Soil Investigation  
Lot 1, Dan A. Smith Property

Dear Mr. Smith,

A preliminary soil investigation has been conducted at the above referenced property, located on the northern side of Kipling Road (SR 1403), Hector's Creek Township, Harnett County, North Carolina. The purpose of the investigation was to determine the property's ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is our understanding that an individual septic system and public water supply will be utilized at this site.

Lot 1 is underlain by a mixture of soils that range from provisionally suitable to unsuitable for subsurface sewage waste disposal. The provisionally suitable soils were observed to be friable sandy clay loams to greater than 36 inches and appear adequate to support long term acceptance rates of 0.5 gal/day/sqft. It appears that the soils at the rear of this lot are adequate to support a septic system and repair area for one residence. A pump will likely be required unless the home is carefully sited near the usable soils at the rear of the lot.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. Due to recent changes in the referenced regulations relative to soil wetness conditions, it is recommended that you apply for a septic permit on this lot well in advance of January 2005. After that date the area of usable soils will reduce significantly and the septic system required may cost more to install. 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,



Hal Owen  
Licensed Soil Scientist



CC: Edward Ashworth

N/F  
J. HOKE SMITH, ET UX  
DB 537 PG. 162  
PIN # 0652-19-5096

EIP  
CONTROL  
CORNER

IPS

S 69°07'50" E

182.33'

IPS

N = 630,034.6755  
E = 2,052,922.5831

ET UX  
B  
186-B  
062

299.98'

50'

330.30'

300.30'

N 38°55'54" W  
780.79' GRID

780.90' GROUND  
CF = 0.9998655

AREA LOT 1  
1.382 acres gross  
0.126 acres in R/W  
1.256 acres net

N 20°52'17" E

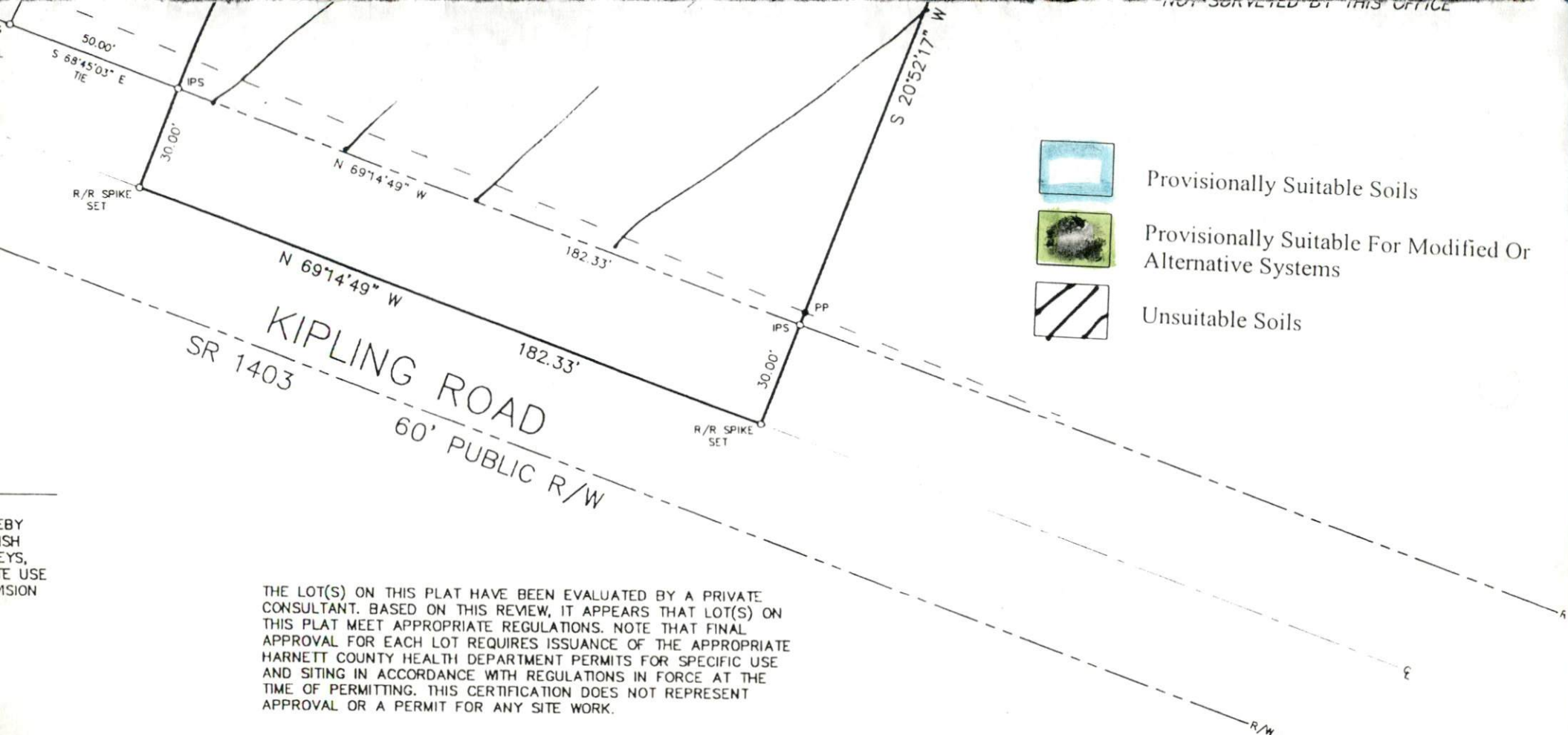
N 20°52'17" E

329.93'

299.93'

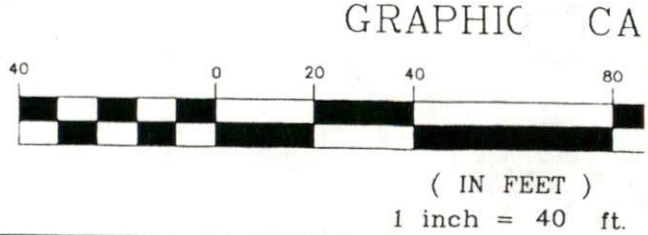
N/F  
J. HOKE SMITH, ET UX  
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PIN # 0652-19-5096

152.2 ACRES IN RESIDUAL TRACT  
AS PER HARNETT COUNTY G.I.S.  
NOT SUPERSEDED BY THIS OFFICE



THE LOT(S) ON THIS PLAT HAVE BEEN EVALUATED BY A PRIVATE CONSULTANT. BASED ON THIS REVIEW, IT APPEARS THAT LOT(S) ON THIS PLAT MEET APPROPRIATE REGULATIONS. NOTE THAT FINAL APPROVAL FOR EACH LOT REQUIRES ISSUANCE OF THE APPROPRIATE HARNETT COUNTY HEALTH DEPARTMENT PERMITS FOR SPECIFIC USE AND SITING IN ACCORDANCE WITH REGULATIONS IN FORCE AT THE TIME OF PERMITTING. THIS CERTIFICATION DOES NOT REPRESENT APPROVAL OR A PERMIT FOR ANY SITE WORK.

DATE \_\_\_\_\_ ENVIRONMENTAL HEALTH \_\_\_\_\_



REVISIONS	MINOR SUBDIVISION SURVEY FOR:			<b>ASHWORTH</b> LAND PO BOX 388, FUQUAY-VARINA, N.C. 27526			
	<b>DAN A. SMITH</b>						
	4724 SHADY GREENS DRIVE, FUQUAY-VARINA, N.C. 27526						
	HECTORS CREEK TOWNSHIP	HARNETT COUNTY	NORTH CAROLINA				
DATE: JULY 09, 2003	FIELD BO	OUT OF PIN# 0652-19-5096.000		OUT OF PARCEL ID 08-0652-0127	ZONE: RA-40	SCALE: 1" = 40'	DRAWING