Department of Environment, Health and Natural Resources Division of Environmental Health On-Site Wastewater Section

Description

System Type(s) Site LTAR

Available Space (.1945)

Initial

System

Repair System

Sheet: Property ID: Lot #: File #: Code:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Location Water Evalua		Syllo :□ Auge	Desi Prop Public ∐ I	gn Flow (.1949): He erty Recorded:	ell Spring	e:	er			4
P R O F I L E	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS					
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR	
1	L 45%	0-6	SLU	(plenous						
,		6-40	X-UAy	Contrar Contractor	3274 54				25	
2,3	L.5%	0-24	32	peinner						
		24-48	Se cong	anlings	58-40 3K				. 3	1
4	4.6	0-28	SL	manner						_
		28-48	Schon	encourser martisor.	40.82 31				_ 3	
<-	L-5%	5-10	ير	enconvers						
		10-36	x-cing	majorsof.	304521			-	2,8	
								-		
										+
					-					
_										
Descrip	tion	Ir	nitial R	epair System	Other Factors (.1946):	7-				

Site Classification (.1948):

Evaluated By:

Others Present

COMMENTS: ____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE FS-FOOT SLOPE N-NOSE SLOPE	П	S-SAND LS-LOAMY SAND SL-SANDY LOAM L-LOAM	1.2 - 0.8 0.8 - 0.6	FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
H-HEAD SLOPE CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	Ш	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3		

ſV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

SC-SANDY CLAY

MINERALOGY

STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB GR-GRANULAR

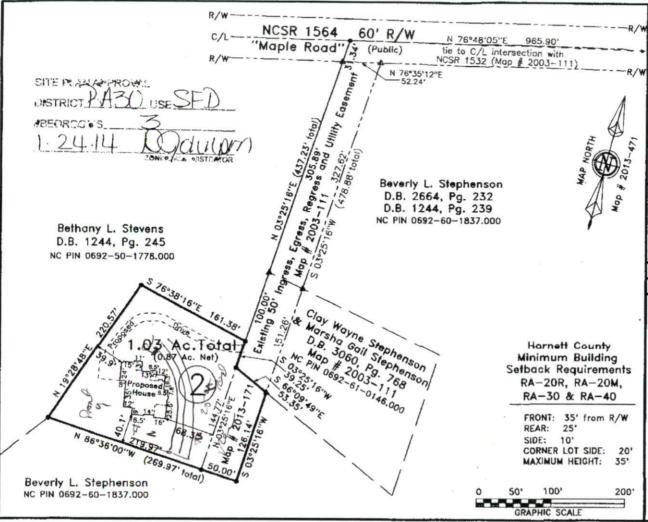
SLIGHTLY EXPANSIVE

EXPANSIVE

SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY PL-PLATY PR-PRISMATIC

Show profile locations and other site features (dimensions, references or benchmark, and North)





Barclaysville 1532 SITE 1565 VICINITY MAP

Lot 2, Map # 2013-171 Deed Book 3119, Page 671 NC PIN: 0692-51-8045.000

Survey for:

Paige Day Stephenson

Grove Scale: 1" = 100'

Surveyed & Mapped By: STREAMLINE LAND SURVEYING, INC.

870 NC 55 W, Coats, N.C. 27521 910-897-7715 910-897-7284 (FAX)

~PRELIMINARY PLOT PLAN~

- Not an actual survey-This plan represents proposed improvements to a lot of record. This plan is subject to review and approval by County Planning and Inspections Dept.

NOT FOR RECORDATION

Adams Soil Consulting

1676 Mitchell Road Angier, NC 27501 919-414-6761

> April 29, 2013 Project # 174

Streamline Surveying, Inc. 870 NC 55 W. Coats, NC 27521

RE: Soil/Site evaluation for Lot #2 of the minor subdivision Beverly L. and Paige Day Stephenson located adjacent to Maple Road in Harnett County, NC.

Mr. Godwin:

Adams Soil Consulting completed a soils evaluation per your request for the above refrenced minor subdivision for Beverly L. and Paige Day Stephenson in Harnett County. 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". The suitable soils shown on the accombaning soil map are suitable for a conventional type initial and repair area for at least one 4-bedroom home. Lot #2 contains greater than 25,000 ft² of suitable soils that consist of a sandy loam and sandy clay subsoil that can support a daily loading rate of 0.3-0.4 gallons/day/ft². The lot should support a home site with a foot print of at least 70' X 70'. The specific septic system and loading rates for this lot will be permitted by the Harnett County Health Department. The areas for the proposed septic fields shall not be impacted by home sites, pools, garages and shall not be mechanically altered from the natural lay of the land.

The lot will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for a repair septic system. A septic system layout may be required before a permit can be issued on the above referenced lot demonstrating available space for the primary and 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 soil map is preliminary in nature, no further assumptions or subdivision should be made without a more detailed evaluation.

Please give me a call if you have any questions.

Sincerely,

Alex Adams

NC Licensed Soil Scientist #1247

Encl: Soils Map

Preliminary Soils Evaluation Beverly L. and Paige Day Stephenson Lot 2, Maple Road Harnett County, NC

- *Preliminary Soils Evaluation
- *Soil boundary was sketched onto a preliminary map of the property supplied by the client's surveyor.
- *Not a Survey.
- *Septic system setbacks listed below for new lots.
- 1) 10' from property lines.
- 2) 100' from wells for primary systems.
- 3) 50' from surface waters (streams, ponds, lakes).
- *Any mechanical disturbances such as grading, cutting and filling
- of the suitable soil areas can render areas unsuitable for future septic systems.
- *See accompanying report for additional information.
- *Due to Soil Variability, Adams soil consulting cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.

Legend

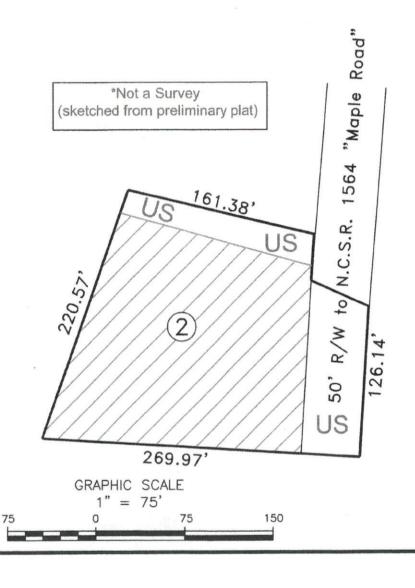


Areas contain soils with 30 inches or more of useable material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24–29 inches to a restrictive horizon that will have potential for LPP septic systems.



Unsuitable areas for onsite waste water disposal.





Adams
Soil Consulting
919-414-6761
Project #174