

**Adams Soil Consulting
1676 Mitchell Road
Angier, NC 27501
919-414-6761**

September 30, 2016
Project # 425

Lester Stancil & Associates,
Professional Land Surveyors, P.A.
P.O. Box 730
98 E. Depot Street
Angier, NC 27501

RE: Preliminary soil/site evaluation for Lot #1 and #2 of the minor subdivision for Hilton Cleo Stewart located at 3348 Bethel Baptist Road in Harnett County.

Mr. Stancil,

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions and the suitable soil boundary was sketched onto a preliminary plat supplied by Lester Stancil & Associates, Professional Land Surveyors, P.A.

The suitable soils shown on the accompanying soil map are suitable for a conventional type initial and repair area for at least one 4-bedroom home on Lot #2. The lot contains greater than 30,000 ft² of suitable soils that consist of clay subsoil that can support a daily loading rate of 0.4-0.8 gallons/day/ft². 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 should accommodate a house foot print of at least 60' x 60'.

Lot #1 contained an existing occupied dwelling at the time of the evaluation. The existing home was serviced by an existing gravity septic system with no signs of failure at the time of evaluation. A potential sufficient suitable soil area was identified for a repair septic system should a repair required in the future. The repair field is greater than 10,000 ft² in area.

The lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for a septic system or a repair. A septic system layout may be required before a permit can be issued on the above

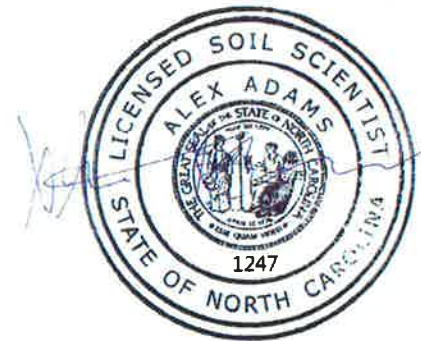
referenced lot demonstrating available space for the primary and repair septic areas. Due to the subjective nature of the permitting process and the variability of naturally occurring soils, Adams Soil Consulting cannot guarantee that areas delineated as suitable for on-site wastewater disposal systems will be permitted by the governing agency. The lot may require a septic system utilizing pumps, shallow or ultra-shallow conventional trench placement, low pressure pipe system, and/or reductions system for final approval. The accompanying soil map is preliminary in nature, no further assumptions or subdivision should be made without a more detailed evaluation.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me anytime. Thank you allowing me to perform this site evaluation for you.

Sincerely,



Alex Adams
NC Licensed Soil Scientist #1247



Preliminary Soil Evaluation Helton Cleo Stewart 3348 Bethel Baptist Road Harnett County NC

Legend



Area 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.



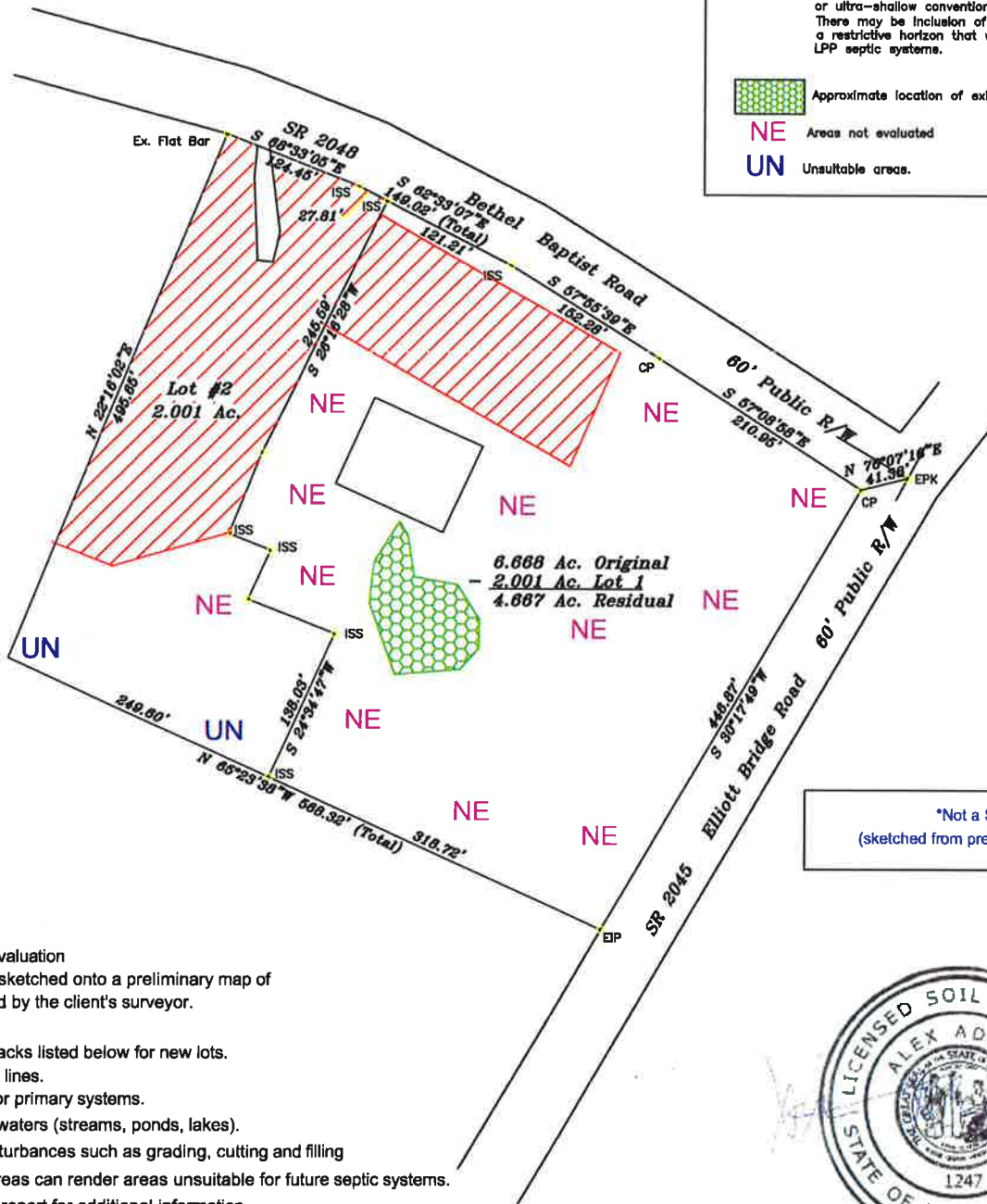
Approximate location of existing gravity septic system

NE

Areas not evaluated

UN

Unsuitable areas.



*Not a Survey
(sketched from preliminary proposal)

- *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.



GRAPHIC SCALE
1" = 150'



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