

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: Applicant: STANLEY
 Address: Date Evaluated: 2-7-11
 Proposed Facility: SFD Design Flow (.1949): 300 Property Size:
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1936 Sapro Class	.1944 Restr Horiz	
1	L 2%	0-8	Loam	FA GR NSSP					.3
		8-48	SC-Clay	FA GR S.P.	44" 10R 42				
2	L 3%	0-20	SL-Loam	FA GR NSSP					.3
		20-48	SC-Clay	FA GR S.P.	42" 10R 42				
3	L 2%	0-18	SL-Loam	FA GR NSSP					.3
		18-44	SC-Clay	FA GR S.P.	40" 10R 42				
4	L 2%	0-15	SL-Loam	FA GR NSSP					.3
		15-44	SC-Clay	FA GR S.P.	40" 10R 42				
5	L 3%	0-16	SL-Loam	FA GR NSSP					.3
		16-44	SC-Clay	FA GR S.P.	40-42" 10R 42				

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>2</u> Others Present:
Available Space (.1945)			
System Type(s)	<u>250w</u>	<u>250w</u>	
Site LTAR	<u>.3</u>	<u>.3</u>	

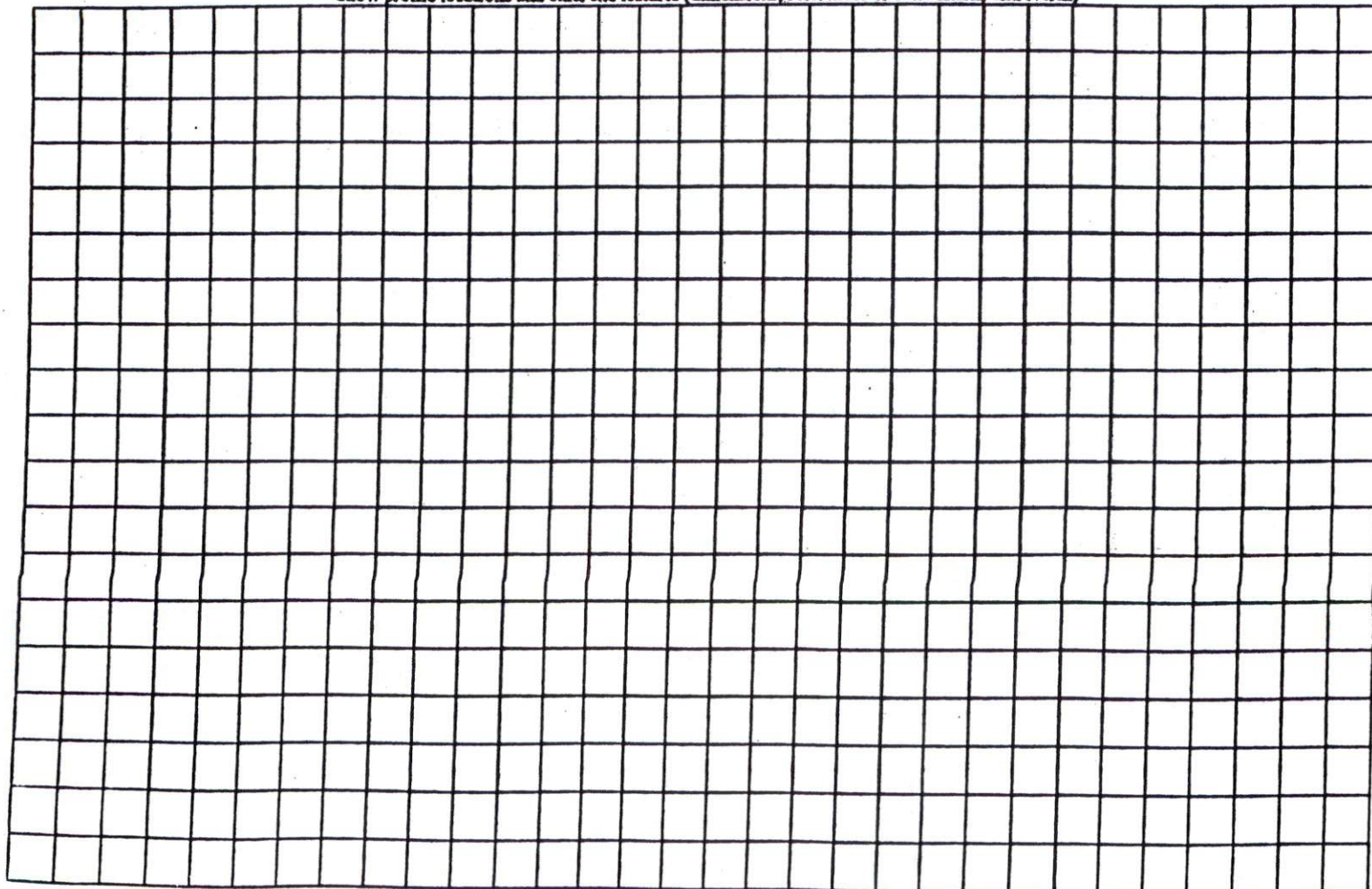
COMMENTS: _____

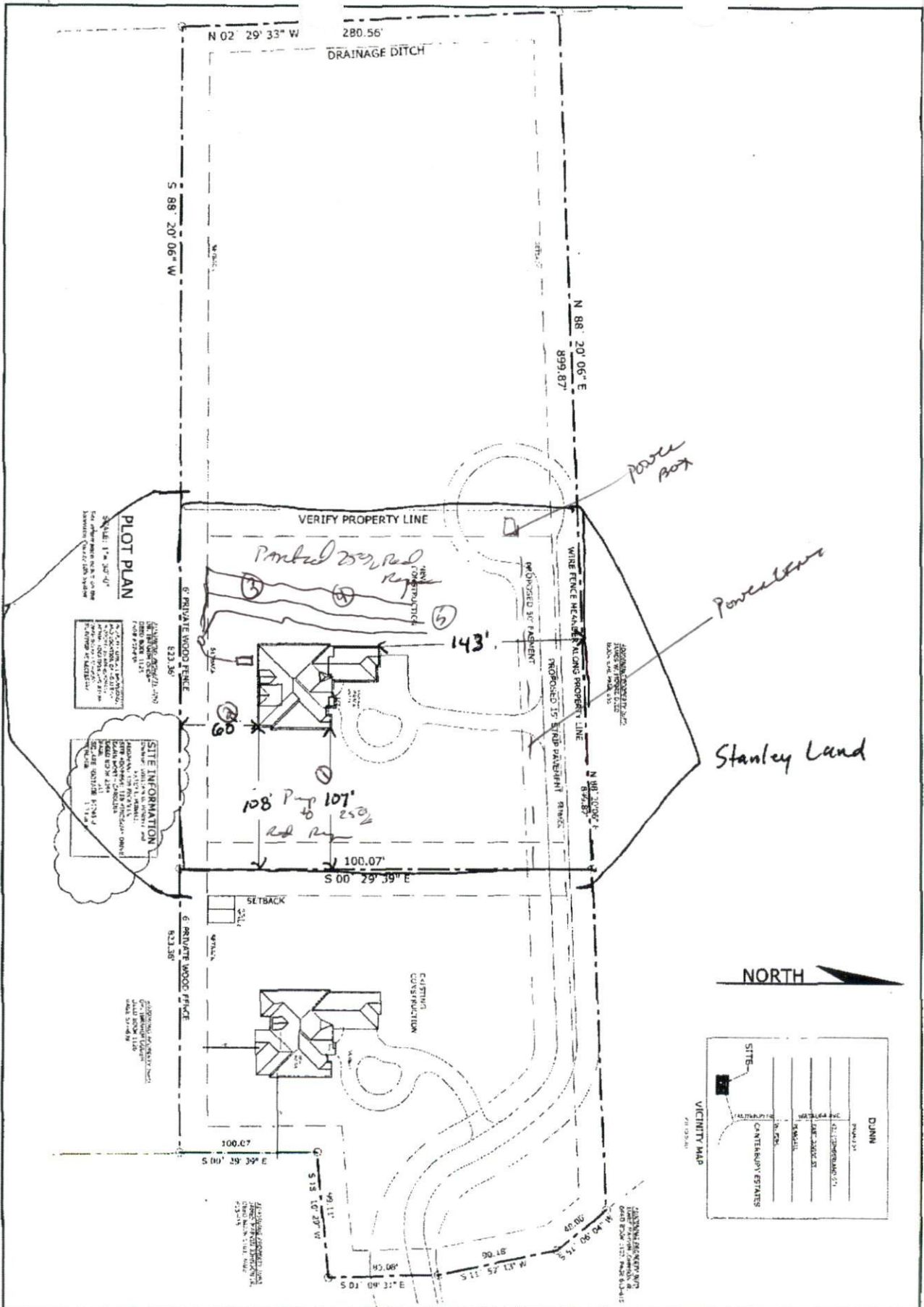
LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
CC-CONCLAVE SLOPE		CL-CLAY LOAM		P-PLASTIC	
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

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





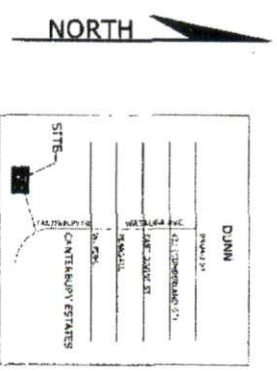
PLOT PLAN
 SCALE: 1" = 30'-0"
 DATE: 08/10/21

SITE INFORMATION
 PROPERTY: 100.07' x 280.56'
 ZONING: R-10
 SETBACKS: 10' (Front), 5' (Side/Rear)

EXISTING CONSERVATION
 The site contains existing conservation areas that will be preserved and integrated into the landscape design.

ADDITIONAL INFORMATION
 ALL DIMENSIONS ARE IN FEET AND INCHES.
 DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

Pool Box
Pool
Stanley Land



ROGERS
 Design Drafting

261 Johnson rd Coats, NC 27521
 Tel: 919-623-8267
 Fax: 919-684-8504
 Email: draft@rdg@aol.com

TITLE: SITE
 SHEET NO: 08R10011

A New Residence
 for
Anna and Clint Stanley
 Dunn, North Carolina

Adams Soil Consulting

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

September 22, 2010
Project # 109

Charlie Stevens
707 West Pope St
Dunn, NC 28234

RE: Soil/Site evaluation for two lots of the minor subdivision for William and Patsy Powell adjacent to Pecan Lane in Harnett County, NC.

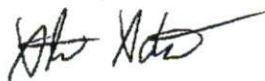
Mr. Stevens:

Adams Soil Consulting completed a soils evaluation per your request for the minor subdivision of William and Patsy Powell adjacent to Pecan Lane 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 soils shown on the accompanying map are suitable for conventional type septic systems and repair areas for at least one 4-bedroom home for the proposed lots #2 & #3. Both of the proposed lots contain greater than 25,000 ft² of suitable soils that consist of a sandy clay loam and clay subsoil that can support a daily loading rate of 0.30-0.4 gallons/day/ft². The specific septic system and loading rates for each 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 lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits. Depending on the location and size of the proposed home, garage, pool area etc. a septic system layout may be required before a permit can be issued on the above referenced lot demonstrating available space for a septic system and repair area. 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,

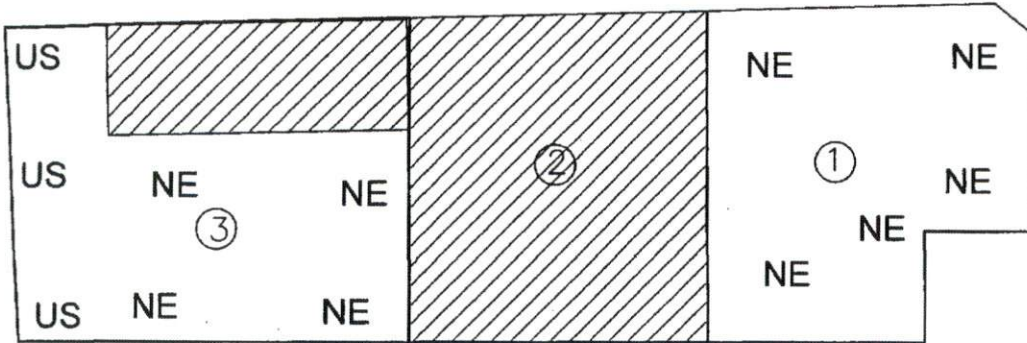


Alex Adams
NC Licensed Soil Scientist #1247
Encl: Soils Map
Invoice




22 Sep 10

Preliminary Soils Evaluation
 Charlie Stevens
 Approximately 6.0-acres
 Harnett County



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.

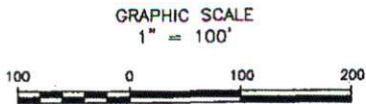
NE Areas Not Evaluated

US Unsuitable Areas

*Not a Survey



- *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.



Adams
 Soil Consulting
 919-414-6761
 Project #109