

**PITTMAN SOIL CONSULTING**

**PO BOX 1387  
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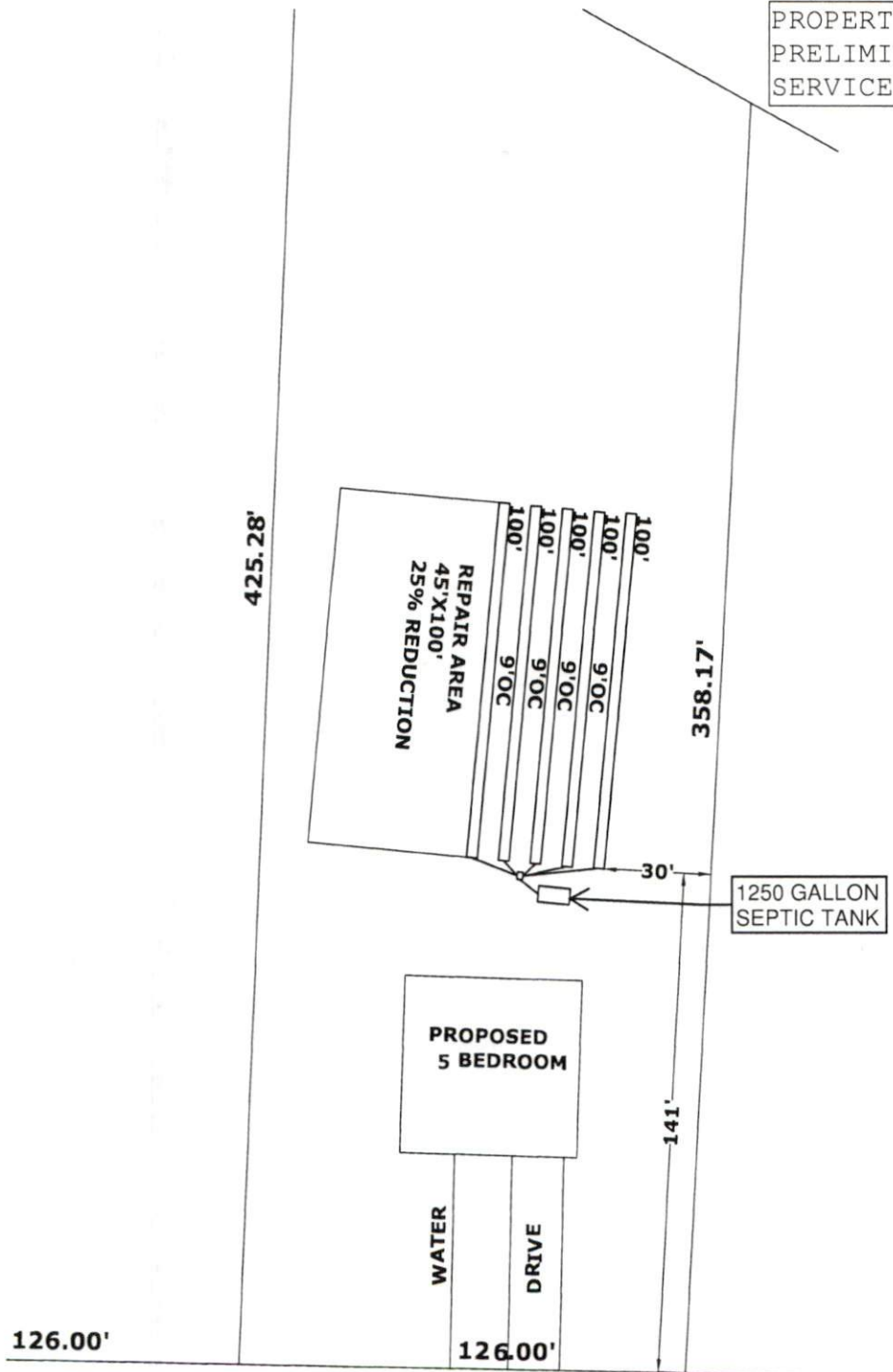
**Owner: POP HOMES  
Address: LOT 4  
Location: NEIGHBORS ROAD**

PROPERTY INFORMATION OBTAINED VIA  
PRELIMINARY PLAT BY RESIDENTIAL LAND  
SERVICES, PLLC., DATED AUGUST 5, 2022.



*Athan M. Parker*

DR. ATHAN M. PARKER, P.E., C.E., S.H.A.M.P.E.  
ENGINEERING, P.L.L.C.  
1001 ATTHAM PARKER DRIVE, RICHMOND, NC 28840  
DATE: 2022.11.18 10:11:58 -0500



- INITIAL**
- 5 BEDROOM
- LTAR .3
- 5-100' 25% REDUCTION LINES
- 18-24" TB
- >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM
- REPAIR AREA**
- 5 BEDROOM
- LTAR .3
- 5-100' 25% REDUCTION LINES
- 18-24" TB
- >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

**NEIGHBORS RD.**

**SCALE 1"=50'**

# *Pittman Soil Consulting*

1003 Gregory Fork Road

Richlands, NC 28574

Phone (910)330-2784

*pittmansoil@yahoo.com*

August 16, 2022

Ref: POP HOMES LOT 4 NEIGHBORS ROAD, HARNETT COUNTY

A soil evaluation was conducted on the above referenced tract to determine the sites suitability for septic. The current laws and rules of NC was used as guide for this evaluation.

Hand Auger borings were conducted across the site and on the site were used to characterize the soil texture, and depth to the soil wetness condition. The attached plot plan shows the location of the septic system in the most ideal location. The soil wetness condition was found to be 36-48" from the surface with a clay loam texture. I have assigned an LTAR of 0.3 gpd/sqft for a 600 gpd 5 bedroom residence. This will require the installation of 5-100' 25% reduction lines that shall be installed in accordance with the current rules. The depth to soil wetness of 36-48" would constitute a 18-24" trench bottom. The system will require 6" soil cover that shall extend 5' from the edge of the system. The system will require a 1250 gallon septic tank.

The repair area will require 5-100' 25% reduction lines installed at 18-24" from the surface (LTAR 0.3gpd).

After installation the site should be landscaped to shed surface water. Any alterations to the site may impact soil conditions.

If you have any questions please feel free to contact me at 910-330-2784. Thank You.

Sincerely,



R. Haywood Pittman II  
NC Licensed Soil Scientist