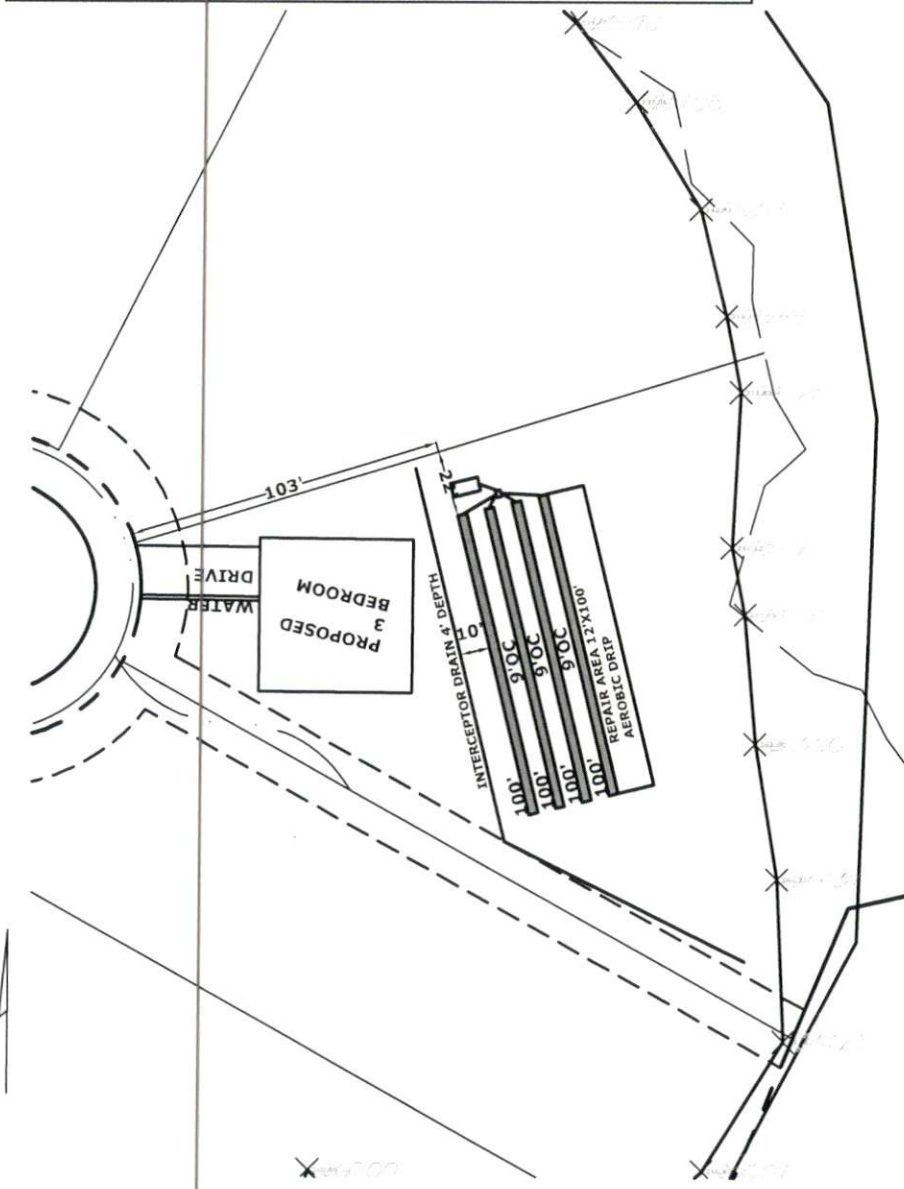


Owner: HAVEN S/D  
 Address: LOT 56  
 Location: HARMONY TRAIL

LOT INFORMATION OBTAINED VIA PLAT BY STANCIL AND ASSOCIATES FOR XCESSIVE RISK DEVELOPMENT, DATED APRIL 27, 2019.

**PITTMAN SOIL CONSULTING**  
**PO BOX 1387**  
**RICHLANDS, NC 28574**  
**910-330-2784**  
**pittmansoil@yahoo.com**



**INITIAL**  
 3 BEDROOM  
 LTAR .225  
 4-100' 25% REDUCTION LINES  
 12-18" TB  
 INTERCEPTOR DRAIN  
 >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

**REPAIR AREA**  
 3 BEDROOM  
 LTAR .3  
 12'X100' AEROBIC DRIP  
 6" TB  
 >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM



*Handwritten signature*

Digitally signed by ATHAN M. PARKER, PE  
 DN: cn=ATHAN M. PARKER, PE, c=US, ou=AMP ENGINEERING, PLLC, email=ATHAN.PARKER@AMPENGINEERING.COM  
 Date: 2023.04.14 15:44:04'00'



**SCALE 1"=60'**

# *Pittman Soil Consulting*

1003 Gregory Fork Road

Richlands, NC 28574

Phone (910)330-2784

pittmansoil@yahoo.com

MARCH 29, 2023

Ref: HAVEN Lot 56, 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 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 on the site. The soil wetness condition was found to be 24-36" from the surface with a clay loam texture. I have assigned an LTAR of 0.225 gpd/sqft for a 360 gpd 3 bedroom residence. This will require the installation of 4-100' 25% REDUCTION lines that shall be installed in accordance with the current rules. An interceptor drain as shown on the plot plan will be required. The depth to soil wetness of 24-36" would constitute a 12-18" trench bottom. The system will require 6" soil cover that shall extend 5' from the edge of the system. The system will require a 1000 gallon septic tank.

The repair area will require a 12'x100' aerobic drip lines installed at a depth of 6" from the surface (LTAR 0.3).

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*

R. Haywood Pittman II  
NC Licensed Soil Scientist