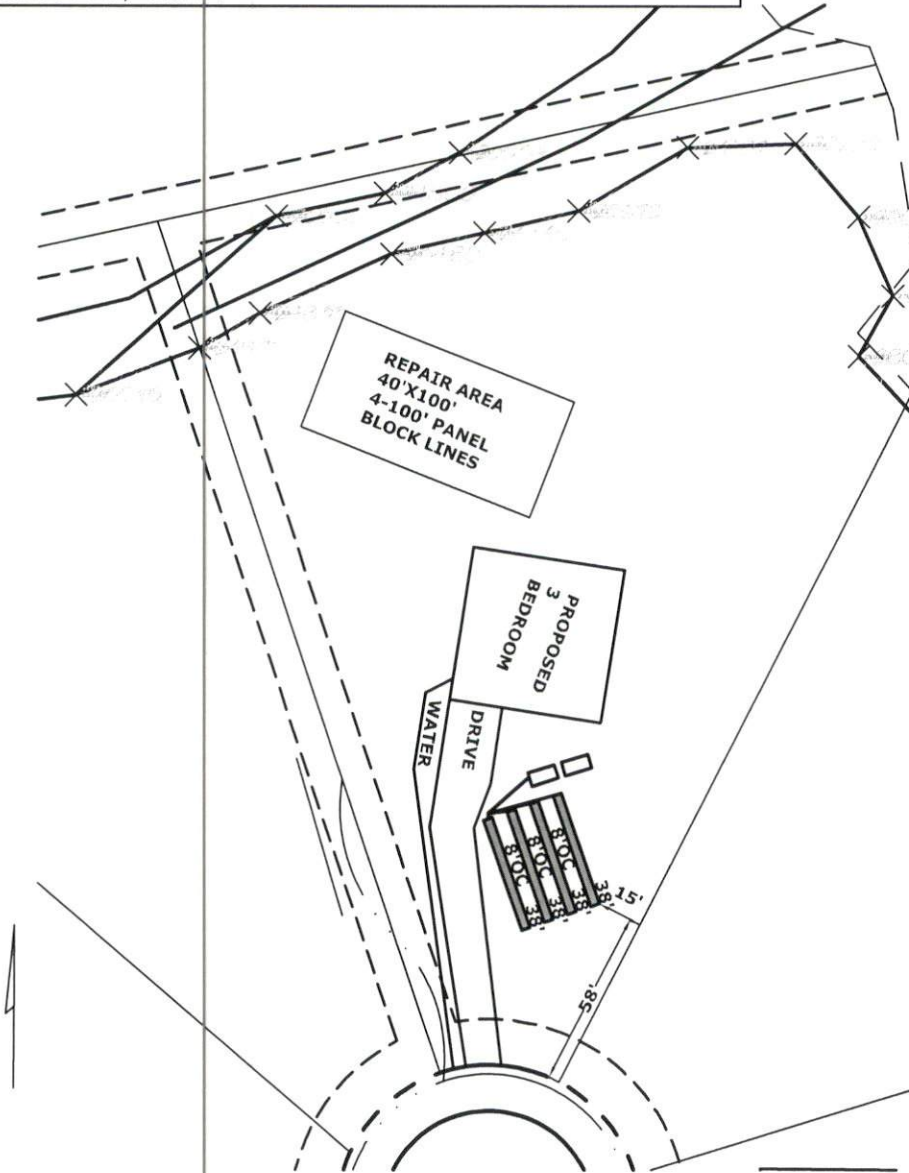


Owner: HAVEN S/D  
Address: LOT 54  
Location: HARMONY TRAIL

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

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



**INITIAL**  
3 BEDROOM  
LTAR .4  
4-38' PANEL BLOCK LINES  
14-22" TB  
>6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

**REPAIR AREA**  
3 BEDROOM  
LTAR .12  
5-100' PANEL BLOCK LINES  
14" TB  
>6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

**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 54, 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 26-34" from the surface with a clay loam texture. I have assigned an LTAR of 0.4 gpd/sqft for a 360 gpd 3 bedroom residence. This will require the installation of 4-38' HORZ. PANEL BLOCK lines that shall be installed in accordance with the current rules. The depth to soil wetness of 26-34" would constitute a 14-22" 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 and a 1000 gallon pump tank.

The repair area will require 5-100' HORZ. PANEL BLOCK lines installed at a depth of 14" from the surface (LTAR 0.12).

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