Owner: **HAVEN S/D**
Address: **LOT 55**
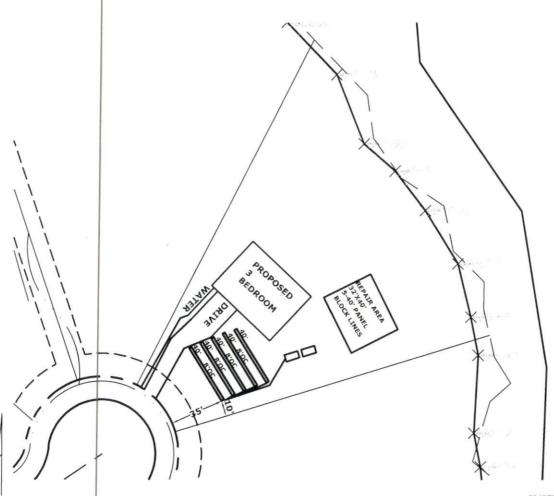Location: **HARMONY TRAIL**

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

WATER
DRIVE
PROPOSED 3 BEDROOM
REPAIR AREA 32'X40' 5-40' PANEL BLOCK LINES
40' 8'OC
25'
10'

INITIAL
3 BEDROOM
LTAR .3
5-40' PANEL BLOCK LINES
14-22" TB
>6" SOIL COVER REQUIRED OVER
SYSTEM AND 5' BEYOND SYSTEM

REPAIR AREA
3 BEDROOM
LTAR .3
5-40' PANEL BLOCK LINES
14" TB
>6" SOIL COVER REQUIRED OVER
SYSTEM AND 5' BEYOND SYSTEM

LICENSED SOIL SCIENTIST
R. HAYWOOD PITTMAN, II
STATE OF NORTH CAROLINA
1262

NORTH CAROLINA
PROFESSIONAL
SEAL
43250
ENGINEER
ATHAN M. PARKER

Digitally signed by ATHAN M. PARKER, PE
DN: cn=ATHAN M. PARKER, PE, o=AMP'D ENGINEERING PLLC,
US, ou=AMP'D ENGINEERING PLLC,
email=ATHAN.PARKER@
AMPDENGINEERING.COM
Date: 2023.04.10 14:11:25 -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 55, 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 0.3 gpd/sqft for a 360 gpd 3 bedroom residence. This will require the installation of 5-40' 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 5-40' HORZ. PANEL BLOCK lines installed at a depth of 14" 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