

Pittman Soil Consulting

1003 Gregory Fork Road

Richlands, NC 28574

Phone (910)330-2784

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May 9, 2020

Ref: SUPERIOR LAND & TIMBER, NC HWY 43, CRAVEN COUNTY 1-044-020

Dear Sir,

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 lot. The soil wetness condition was found to be 20-24" from the surface with a clay loam texture. I have assigned an LTAR of 0.4 gpd/sqft for a 480 gpd 4 bedroom residence. This will require the installation of 4-100' low profile chamber lines that shall be installed in accordance with the current rules. The depth to soil wetness of 20-24" would constitute an 8-12" trench bottom. The system will require 6" soil cover that shall extend 5' from the edge of the system. The system will also require an interceptor drain installed as shown on the attached plot plan and at a depth of 4' from the surface. The system will require a 1000 gallon septic tank.

The repair area will require an 21'x50' 25% reduction system installed at 24" from the surface.

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

The LSS evaluation is being submitted pursuant to and meets the requirements of Section SL 2018-114 Section 11.(c).

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

Sincerely,



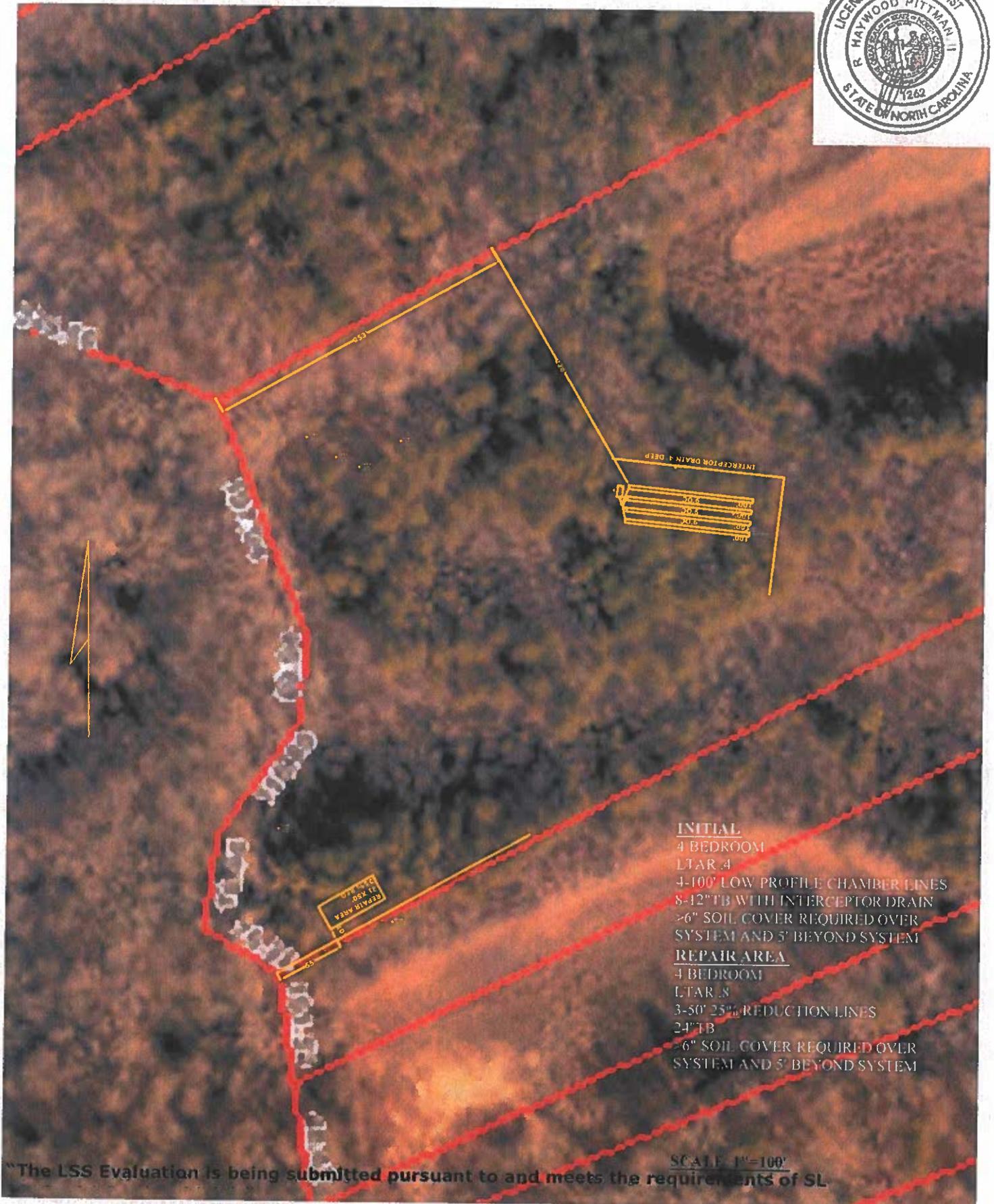
**R. HAYWOOD
PITTMAN II**

Digitally signed by R. HAYWOOD
PITTMAN II
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R. Haywood Pittman II
NC Licensed Soil Scientist

PITTMAN SOIL CONSULTING

Owner: SUPERIOR LAND & TIMBER
Address: NC HWY 43
Location: VANCEBORO
CRAVEN COUNTY 1-044-020



INITIAL
4 BEDROOM
LTAR .4
4-100' LOW PROFILE CHAMBER LINES
8-12" TB WITH INTERCEPTOR DRAIN
>6" SOIL COVER REQUIRED OVER
SYSTEM AND 5' BEYOND SYSTEM

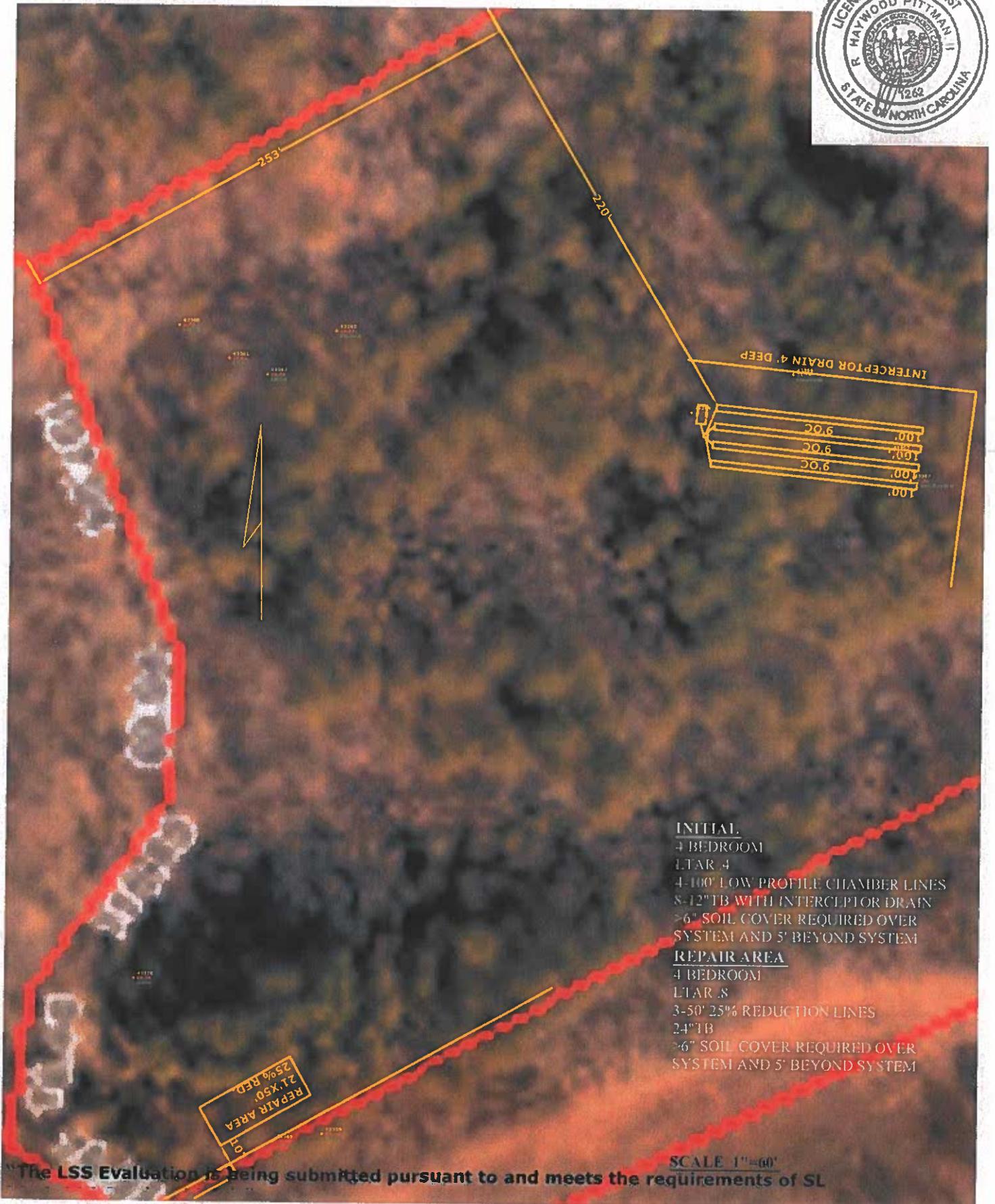
REPAIR AREA
4 BEDROOM
LTAR .8
3-50' 25% REDUCTION LINES
2-4" TB
>6" SOIL COVER REQUIRED OVER
SYSTEM AND 5' BEYOND SYSTEM

SCALE 1"=100'

"The LSS Evaluation is being submitted pursuant to and meets the requirements of SL

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Address: NC HWY 43
Location: VANCEBORO
CRAVEN COUNTY 1-044-020



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SCALE 1"=450'

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