

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: HHHunt Homes DATE EVALUATED: 6-2-25

ADDRESS: 125 white magnolia LN, Fugate

PROPOSED FACILITY: SFP PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: \_\_\_\_\_

LOCATION OF SITE: \_\_\_\_\_ PROPERTY RECORDED: \_\_\_\_\_

WATER SUPPLY: Public Single Family Well Shared Well Spring Other \_\_\_\_\_ WATER SUPPLY SETBACK: \_\_\_\_\_

EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW

P R O F I L E  #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1 2 3	2-3% LS	0-9	SL, g'						.275	
		9-36	CLAY, SBR	FI, SS, SP, SE		48"	36"			
		36-48	SP, m							
2										
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): _____ EVALUATED BY: _____ OTHER(S) PRESENT: _____
Available Space (.0508)	<u>✓</u>	<u>✓</u>	
System Type(s)	<u>50% Reduction</u>	<u>50% Reduction</u>	
Site LTAR	<u>.275</u>	<u>.275</u>	
Maximum Trench Depth	<u>18-24</u>	<u>18-24</u>	

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)		IV				SC (Sandy clay)	0.1 - 0.4	0.05 - 0.2
T (Terrace)	SiC (Silty clay)		EXP (Expansive)					
TS (Toe Slope)	C (Clay)							
		O (Organic)	None					

\* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

\*\*Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

*HORIZON DEPTH*

In inches below natural soil surface

*DEPTH OF FILL*

In inches from land surface

*RESTRICTIVE HORIZON*

Thickness and depth from land surface

*SAPROLITE*

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

*SOIL WETNESS*

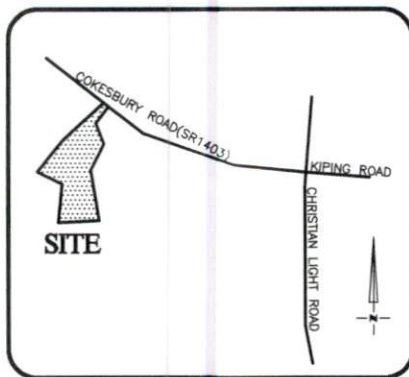
Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

*CLASSIFICATION*

S (Suitable) or U (Unsuitable)

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**





VICINITY MAP  
Not To Scale



IMPERVIOUS SURFACE AREA	
DESCRIPTION	AREA
HOUSE & PORCH	1,942 S.F.
SC PORCH/HVAC	189 S.F.
DRIVEWAY & WALKS	1,148 S.F.
TOTAL (PROPOSED)=	3,279 S.F.
*TOTAL (ALLOWED)=	3,850 S.F.

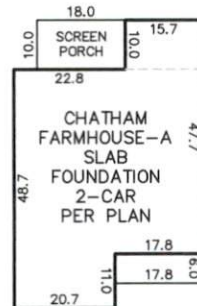
\*PB 2025 PG 139



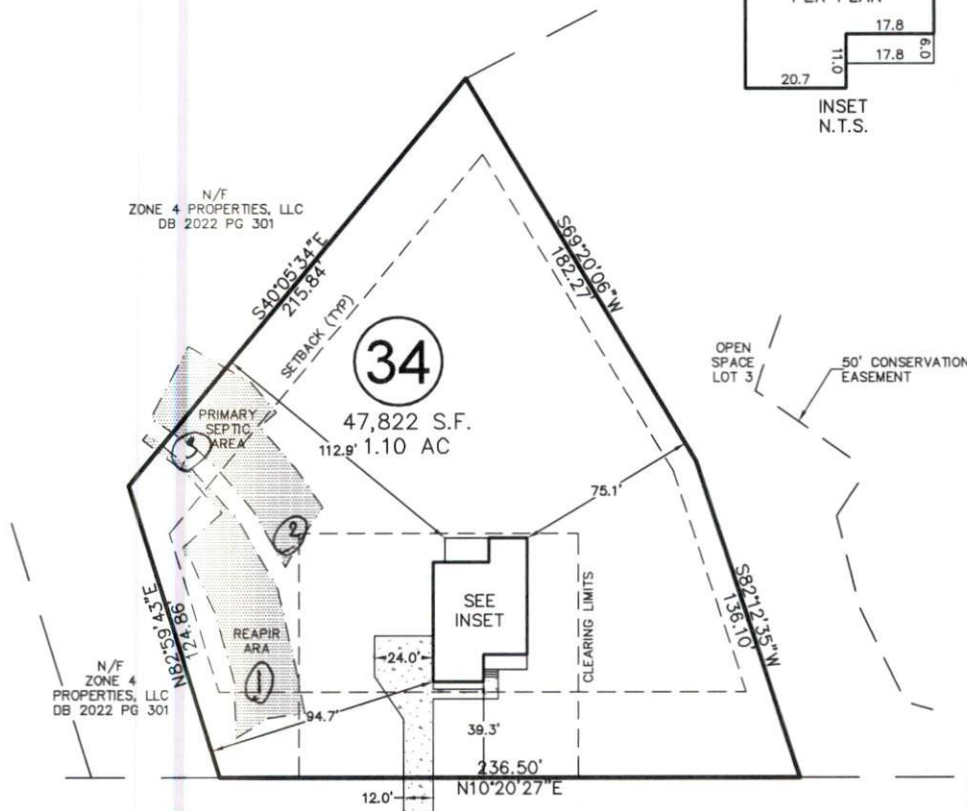
SETBACKS: (ZONE RA-30)

FRONT - 35'  
REAR - 25'  
SIDE - 10'  
CORNER SIDE - 20'

Soil Notes



INSET  
N.T.S.



# WHITE MAGNOLIA LANE

50' PUBLIC R/W

CURVE	RADIUS	ARC LENGTH	CH LENGTH	CH BEARING
C1	250.00'	60.61'	60.46'	N13°33'06"W

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

THIS DRAWING DOES NOT  
REFLECT AS-BUILT INFORMATION

**PRELIMINARY PLAT**  
NOT FOR RECORDATION, CONVEYANCES, OR SALES

**RESIDENTIAL  
LAND SERVICES, PLLC.**

1917 Evans Road  
Cary, North Carolina 27513  
Phone (919) 378-9316  
Firm License # P-0873

**HOUSE LOCATION PLOT PLAN**

FOR  
#125 WHITE MAGNOLIA LANE  
LOT 34, MAGNOLIA ACRES

Hectors Creek Township, Harnett County, North Carolina

PROPERTY OF: HHHUNT HOMES

MAP BOOK 2025 PAGE 139 DEED REFERENCE

DRAWN: JWW SURVEYED: N/A CHECKED: DMR DATE: MARCH 24, 2025