

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Stancil Builders DATE EVALUATED: 12-6-23
 ADDRESS: 87 Willow Creek Place Re-Evaluated 5-9-24
 PROPOSED FACILITY: SFD 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	2-3% LS	0-8	SL, g ^r		7.5YR 7/1 = 17"	48"			.3	
		8-17	SL, SBK	FI, SS, SP, SE						
		17-48	CL, ^{WR} SBK							
3, 8, 9, 4	2-3% LS	0-8	SL, g ^r		7.5YR 7/1 = 27"	48"			.3	
		8-27	SL, SBK	FI, SS, SP, SE						
		27-48	CL, ^{WR} SBK							
4, 5	2-3% LS	0-14	SL, g ^r		7.5YR 7/1 = 28"				.23	
		14-30	CL, SBK	FI, SS, SP, SE						
		30-48	CL, ^{WR} SBK							
6, 10, 11, 4	2-3% LS	0-20	SL, g ^r		7.5YR 7/1 = 30"	48"			.4	
		20-30	SL, SBK	FI, SS, NP, SE						
		30-48	CL, ^{WR} SBK							
7,	3-4% LS	0-18	SL, g ^r	FI	7.5YR 7/1 = 27"	48"			.35	
		18-27 27-48	SL, SBK CL, ^{WR} SBK	FI, SS, SP, SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</u> EVALUATED BY: <u>RL</u> OTHER(S) PRESENT: _____
Available Space (.0508)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% Red</u>	<u>50% Red</u>	
Site LTAR	<u>.4</u>	<u>.35</u>	
Maximum Trench Depth	<u>18" Max</u>	<u>12" Max</u>	

Comments: _____

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft ²)	SAPROLITE LTAR (gpd/ft ²)	LPP LTAR (gpd/ft ²)	MINERALOGY/ CONSISTENCE		STRUCTURE									
						MOIST	WET										
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 - 0.6	Lo (Loose)	NS (Non-sticky)	SG (Single grain)									
CV (Convex Slope)		LS (Loamy sand)		0.5 - 0.7				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				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				None	None	None	None	None					
N (Nose slope)		SiCL (Silty clay loam)											None	None	None	None	None
R (Ridge/summit)		Si (Silt)															
S (Shoulder slope)	SC (Sandy clay)	0.1 - 0.4	None	None	None	None	None										
T (Terrace)	SiC (Silty clay)							None	None	None	None	None					
TS (Toe Slope)	C (Clay)												None	None	None	None	None
	O (Organic)	None	None	None	None	None	None	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

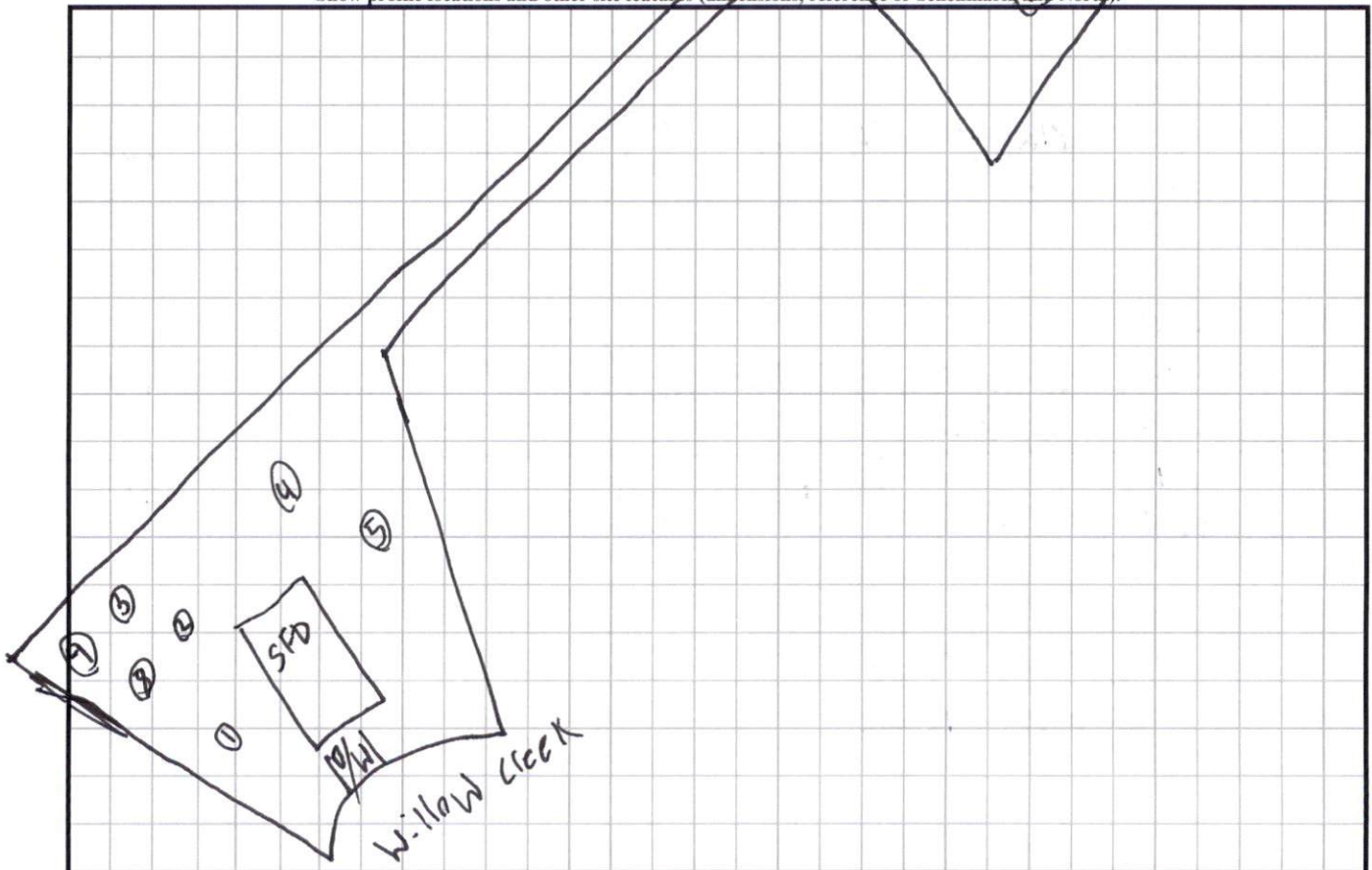
RESTRICTIVE HORIZON Thickness and depth from land surface

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

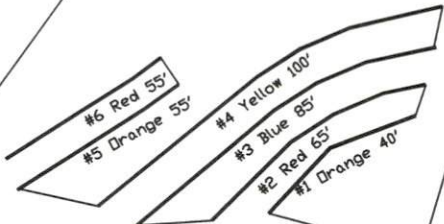
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

CLASSIFICATION S (Suitable) or U (Unsuitable)

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



SEPTIC AREA
FOR LOT 34



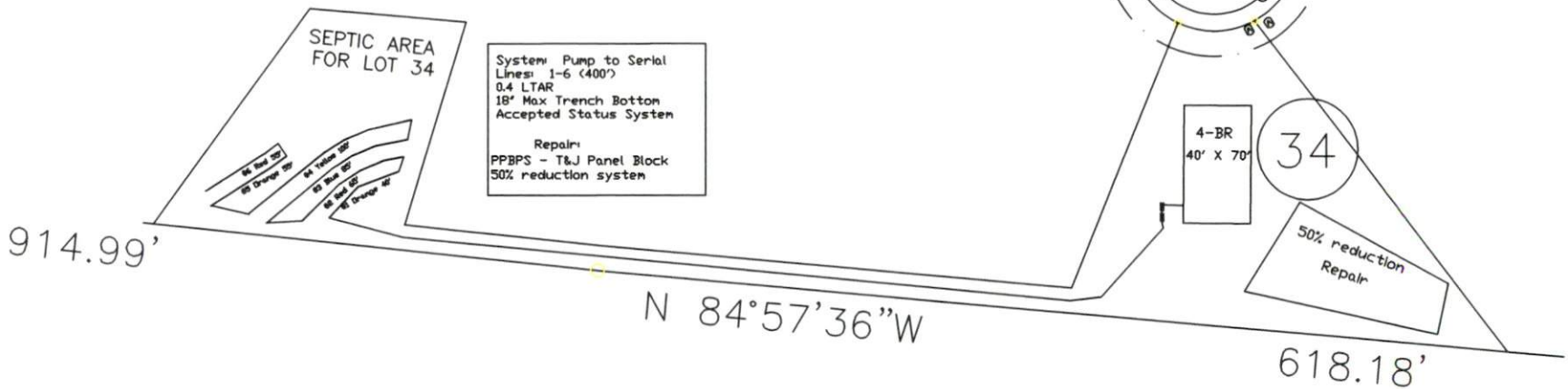
System: Pump to Serial
Lines: 1-6 (400')
0.4 LTAR
18" Max Trench Bottom
Accepted Status System

Repair:
PPBPS - T&J Panel Block
50% reduction system

914.99'

N 84°57'36"W

New Home, Inc
Woodbridge South - Lot 34
87 Willow Creek Place
Harnett County
4-Bedroom Septic Proposal



System: Pump to Serial
Lines: 1-6 (400')
0.4 LTAR
18" Max Trench Bottom
Accepted Status System

Repair:
PPBPS - T&J Panel Block
50% reduction system

GRAPHIC SCALE
1" = 100'



Adams
Soil Consulting
919-414-6761
Job #1589
5-2-24