

**SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM**  
 (Complete all fields in full)

OWNER: New Home Inc DATE EVALUATED: 1-17-24  
 ADDRESS: 345 Duncan Creek Rd 1291  
 PROPOSED FACILITY: 40'x64' SFD PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE:                       
 LOCATION OF SITE: Same 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	L 5-7%	0-20	LS	VFr/nsp/NXP	>48"	>48"	-	-	S .6	
		20-48	SL	Fr/ssp/lsxp						
2	L 5-7%	0-22	LS	VFr/nsp/NXP	>48"	>48"	-	-	S .6	
		22-48	SL	Fr/ssp/lsxp						
3	L 5-7%	0-26	LS	VFr/nsp/NXP	>48"	>48"	-	-	S .6	
		26-48	SL	Fr/ssp/lsxp						
4	L 5-7%	0-23	LS	VFr/nsp/NXP	>48"	>48"	-	-	S .6	
		23-48	SL	Fr/ssp/lsxp						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</u> EVALUATED BY: <u>                    </u> OTHER(S) PRESENT: <u>AT/A-W</u>
Available Space (.0508)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s) <u>Pump</u>	<u>50% rd</u>	<u>50% rd</u>	
Site LTAR	<u>.6</u>	<u>.6</u>	
Maximum Trench Depth	<u>18-24</u>	<u>18-24</u>	

Comments: Lot has been cut for pad and dimensions of septic area have been altered  
so a 50% reduction initial repair is All Hargett County EH can fit  
on lot

# LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft <sup>2</sup> )	SAPROLITE LTAR (gpd/ft <sup>2</sup> )	LPP LTAR (gpd/ft <sup>2</sup> )	MINERALOGY/ CONSISTENCE		STRUCTURE	
						MOIST	WET		
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		0.15 - 0.3	SEXP (Slightly expansive)	P (Plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)							
R (Ridge/summit)		Si (Silt)							
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4	0.05 - 0.2	EXP (Expansive)	VP (Very plastic)			
T (Terrace)		SiC (Silty clay)							
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.

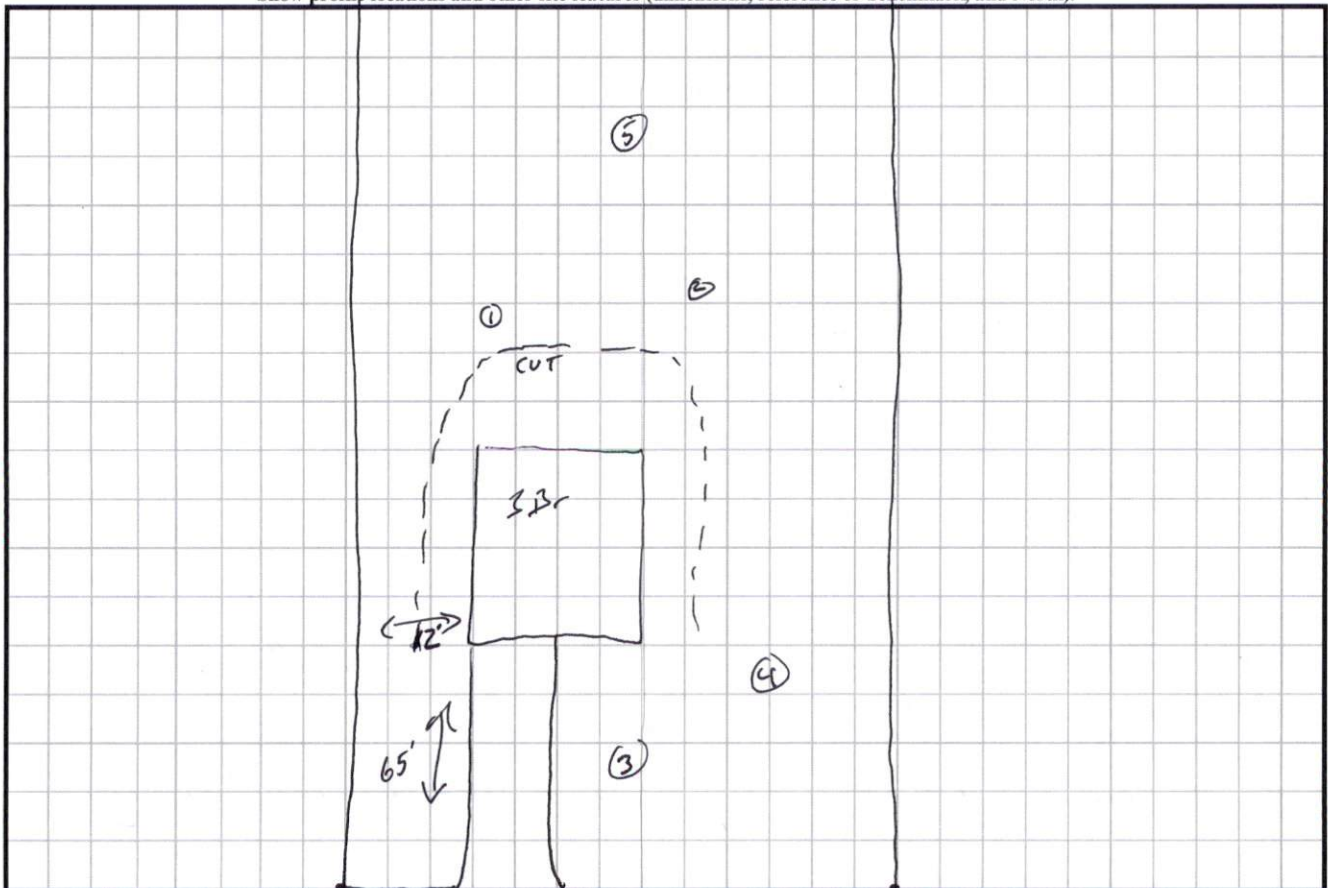
*SOIL WETNESS*

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)

⑥  
Show profile locations and other site features (dimensions, reference or benchmark, and North).



Beacon Hill

