DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

	Page 1 of
PROPERTY ID #:	
COUNTY:	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: Sourch Douglas homes DATE EVALUATED:										
PROPOSED FACILITY: SFD PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE: PROPERTY RECORDED: PROPERTY RECORDED:										
WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK:										
									Strength	PWW
P R O F I L			SOIL MO	RPHOLOGY		R PROFIL	E FACTORS		0.700	0.700
E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1	PIT	0-20	SL Sei	Folssplaxe Folssplaxe	104R6/1 >36"	>50"			S .4	
1	2-5%				-36		_			
		0-22	SL Sc(Folgolar	104R6/z	>95			5	
2	r.			· · · · · · · · · · · · · · · · · · ·	≥36"		_		. 4	
	12/								(5)	
3		0-36 36-54	SC1	Fr/wsp/wse Fr/ssp/s×P	10 YR7/2 >40"	>54"	_		5.4	
4										
4										
THE RESERVE		the State of Control	Market and the second	CONTRACTOR REPORTS AND ADDRESS.		S OF SHALL SERVICE	NEW PROPERTY AND ADDRESS OF THE PARTY AND ADDR	EDENTIAL .		ALWORDS WAS

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY:
Site LTAR			OTHER(S) PRESENT:
Maximum Trench Depth			
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)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)	
CV (Convex Slope)	'	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)	
D (Drainage way)	п	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)	0.0 0.0	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)	
FS (Foot slope)	111	SiL (Silt loam)		0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)	
H (Head slope)		SCL (Sandy clay loam)	0.3 - 0.6	0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)	
L (Linear Slope)		CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)	
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)		
R (Ridge/summit)		Si (Silt)		None	1		VP (Very plastic)		
S (Shoulder slope)	IV	SC (Sandy clay)			A STATE OF THE PARTY OF THE PAR		SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)			
TS (Toe Slope)		C (Clay)							
		O (Organic)	None			1			

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

HORIZON DEPTH DEPTH OF FILL

SOIL WETNESS

CLASSIFICATION

In inches below natural soil surface

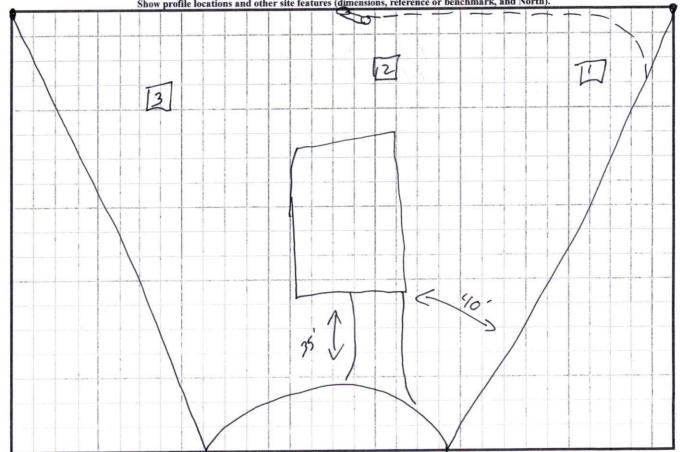
In inches from land surface Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

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

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 S (Suitable) or U (Unsuitable)

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



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