DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Premier Dev APPLICATION DATE ___
ADDRESS: ___
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 360 gpd DATE EVALUATED: 9-17-03
LOCATION OF SITE: Lot 7 Angel Oaks PROPERTY SIZE: 159 x 160
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other PROPERTY RECORDED: yes
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-10	gr-wk sbk brn sdl	fr sss p					
		10-20 (ms)	m fsbk RC	fr sp-sss p so/p	very	boundary	- soil (B)		from 18"-24" probably (4)
		20-66	soil/sap/weak rock mix						
2	8%	0-14	R brn sdl fill						
		14-26 (original A)	gr-wk sbk brn-R brn sdl	fr sss p					.3 > 14"
		26-37	m fsbk RC	fr sp-sss p so/p					
		37-60	wk fsbk yr cl	fr sss p					
3		0-4	R brn sdl fill						
		4-14	wk fsbk brn-R brn sdy	fr sss p					.25-.3 > 4"
		14-41	m fsbk red cl	fr sss p so/p	few incl w. rock/saprk 31"+				
		41-60	wk fsbk yr hvy 1/2 fi	fr sss p	incl wR & sap				
4	6%	0-13	somewhat compacted brn sdl	fi sss p					
		13-23	m fsbk R cl	fr sss p so/p					
		23-66 (BC)	wk fsbk R-yr cl	fr-fi sss p	common incl so/p				.25-.3 > 13"

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	GRAV PPBDS	LPP PPBDS
Site LTAR	.25	.25

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: DRA
OTHER(S) PRESENT: ___

COMMENTS: ___

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	SCL (Sandy Clay Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiL (Silt Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SiCL (Silty Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		Si (Silt)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

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

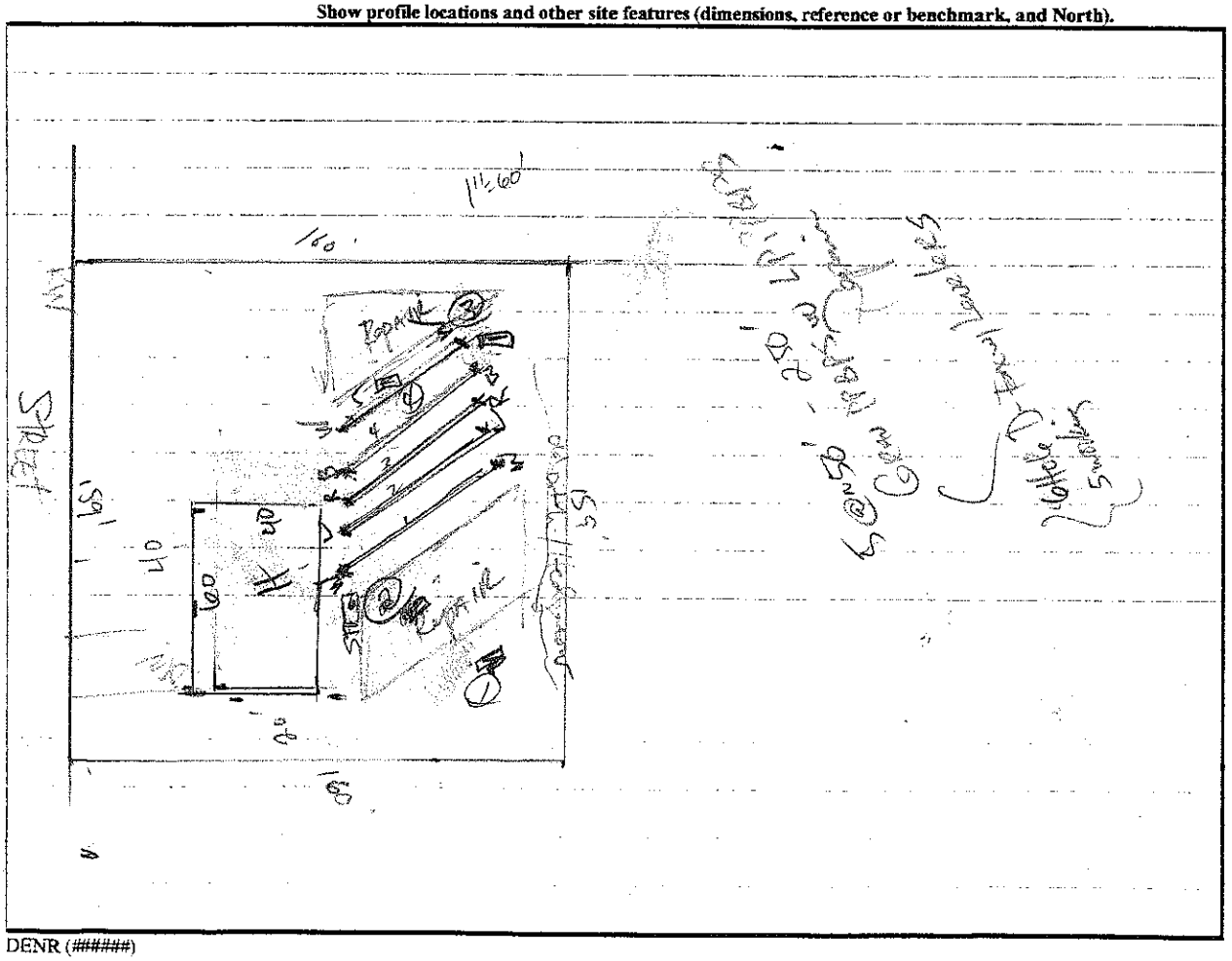
NOTES

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)
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), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



DENR (######)

Review (#####)