DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

120801
4307-84-3304

OWNER: DAVID STEVENS APPLICATION DATE: 4-29-04
ADDRESS: 157 MOUNTAINVIEW RD STATESVILLE, NC 28625 DATE EVALUATED: 6-4-04
PROPOSED FACILITY: HOUSE 3 BEDROOM PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 1.851+1.409
LOCATION OF SITE: 3 OAKS SECTION II LOTS 16 & 15 combined PROPERTY RECORDED: YES NO
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

(5) 0-8 scl wk gr fr sbk/gr
8-36 c med sbk fi sp sl p
36-48 c med sbk fi sp sl p
sap inclusions < 50% PS .3

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	10% L	0-6	scl wk gr	fr sbk/gr	2.5Y 7/8 @ 10" d>				PS .25
		6-48"	c med sbk/abk	fi sp sl p	2.5Y 7/4 @ 32" d>				
					PREVALENT		DRAW		
2	10% L	0-6"	scl wk gr	fr sbk/gr	2.5Y 7/8 @ 46-48"				PS .25
		6-42"	c med sbk/abk	fi sp sl p	2.5Y 7/4 @ 46-48"				
		42-48"	sap inclusions c med sbk/abk	fi sp sl p	mixed with sap. inclusions				
3	70% L	0-6"	scl wk gr	fr sbk/gr	light brown to grey colors				US
		6-24"	cl wk gr/massive	fi sp sl p	chroma 2 @ 24"				
4	6% L	0-6"	scl wk gr	fr sbk/gr					PS .3
		6-48"	c med sbk/abk	fi sp sl p	30" d> SAP		inclusions < 50%		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	LOW GRN	LP PUMP 250 gal RTO
System Type(s)	YES	YES
Site LTAR	.25	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. LODIC
OTHER(S) PRESENT: K. WATT

COMMENTS: ___

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTU
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 (Exremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)

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

P (Plastic)

VP (Very Plastic)

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)

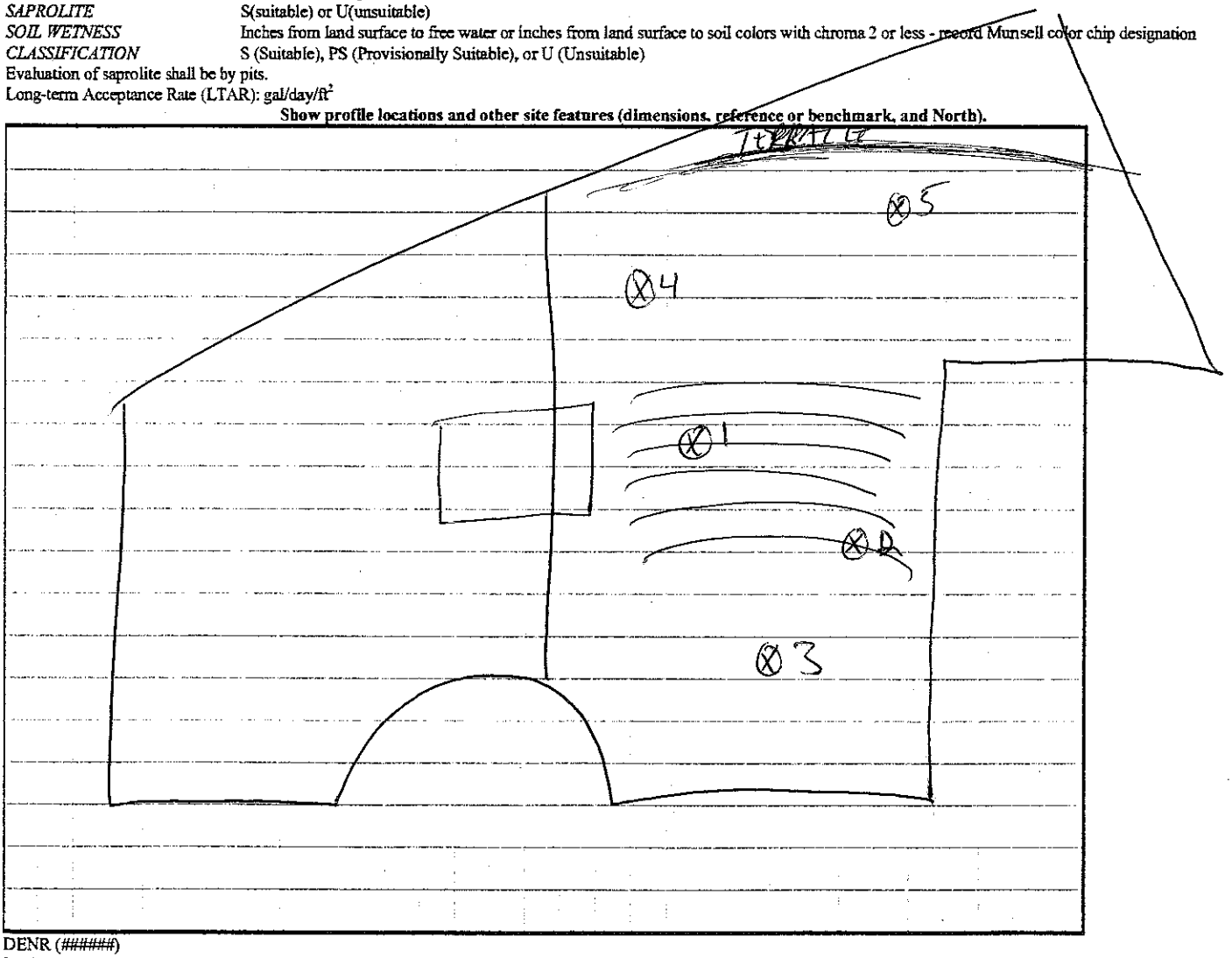
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

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 (#####)

SOIL/SITE EVALUATION

FOR

ON-SITE WASTEWATER SYSTEM

APPLICANT: Jerry Price OWNER: AGENT: PHONE:

ADDRESS: APPLICATION DATE: DATE EVALUATED:

PROPOSED FACILITY:

PROPERTY SIZE:

LOCATION OF SITE:

WATER SUPPLY: On-Site Well Comm. Well Public Other EVAL. METHOD: Auger Boring Pit

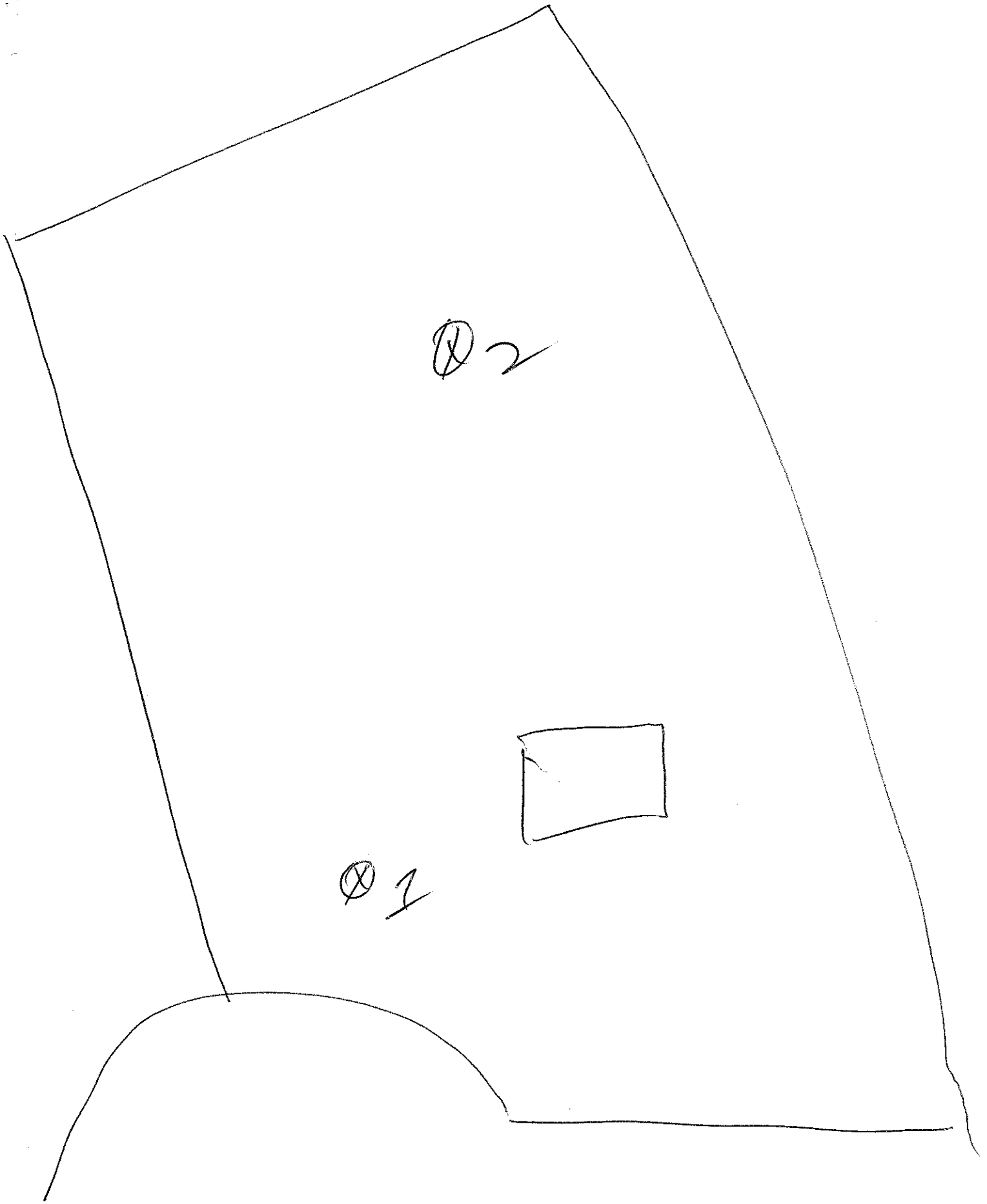
PROFILE #	.1940 LANDSCP POS. (%)	HORIZON DEPTH (IN.)	.1941 STRUCTURE/TEXTURE	.1941 MINERALOGY/ CONSISTENCE	.1942 WETNESS COND.	.1944 RESTRICT HORIZONS	.1948 CLASS OF HORIZ	1943/ 1956 SAPRLT CLASS.	
1	linear 1290	0 to 48	C ABK	SEAPS, S, Sticky Plastic	PS	PS	PS	PS	.25
2	linear 690	0 to 48	C SBK	SEAP	PS	PS	PS	PS	.3
3									
4									
5									

SITE LONG-TERM ACCEPTANCE RATE: .125

AVAILABLE SPACE (1945): Yes SITE CLASSIFICATION (1948):

EVALUATED BY: F. C. Moore OTHER(S) PRESENT: Jerry Price

COMMENTS:


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Ø1