DEPARTMENT OF ENVIRONMENTAL HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: Hope Bros.
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 5-20-03
PROPOSED FACILITY: 3 BR HOME PROPOSED DESIGN FLOW (.1949): 360 GPD PROPERTY SIZE: ~0.45 Acres
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFIL. CLASS & LTAR
1		0-15	sbk, SCL	Fr, SS					PS
		15-30	sbk, SC	Fr, SS, SP					
		30-48	sbk, C	Fr, SS, P, Sexp	w/ SAP inclusions				0.30
2		0-11	sbk, SCL						NEED PITS
		11-25	sbk, SC						
		25-38	sbk, C	←	(SAP INCLUSIONS BEGIN ~36")				
		38-48	C + SAP MIX	(≥50% SAP)					
3		0-13	sbk, SCL	VFr, SS					NEED PITS
		13-21	sbk, SC	Fr, SS, SP					
		21-35	sbk, C	Fr, S, P, Sexp ←	(w/ SAP INCLUSIONS)				
		35-48	C + SAP MIX	(≥50% SAP)					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)	NEED SOIL PITS	
Site LTAR		

OTHER FACTORS (.1946): NEED PITS
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: P. Mitchell
OTHER(S) PRESENT: _____

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	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SLC (Silt Loam Clay)				
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)
					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)

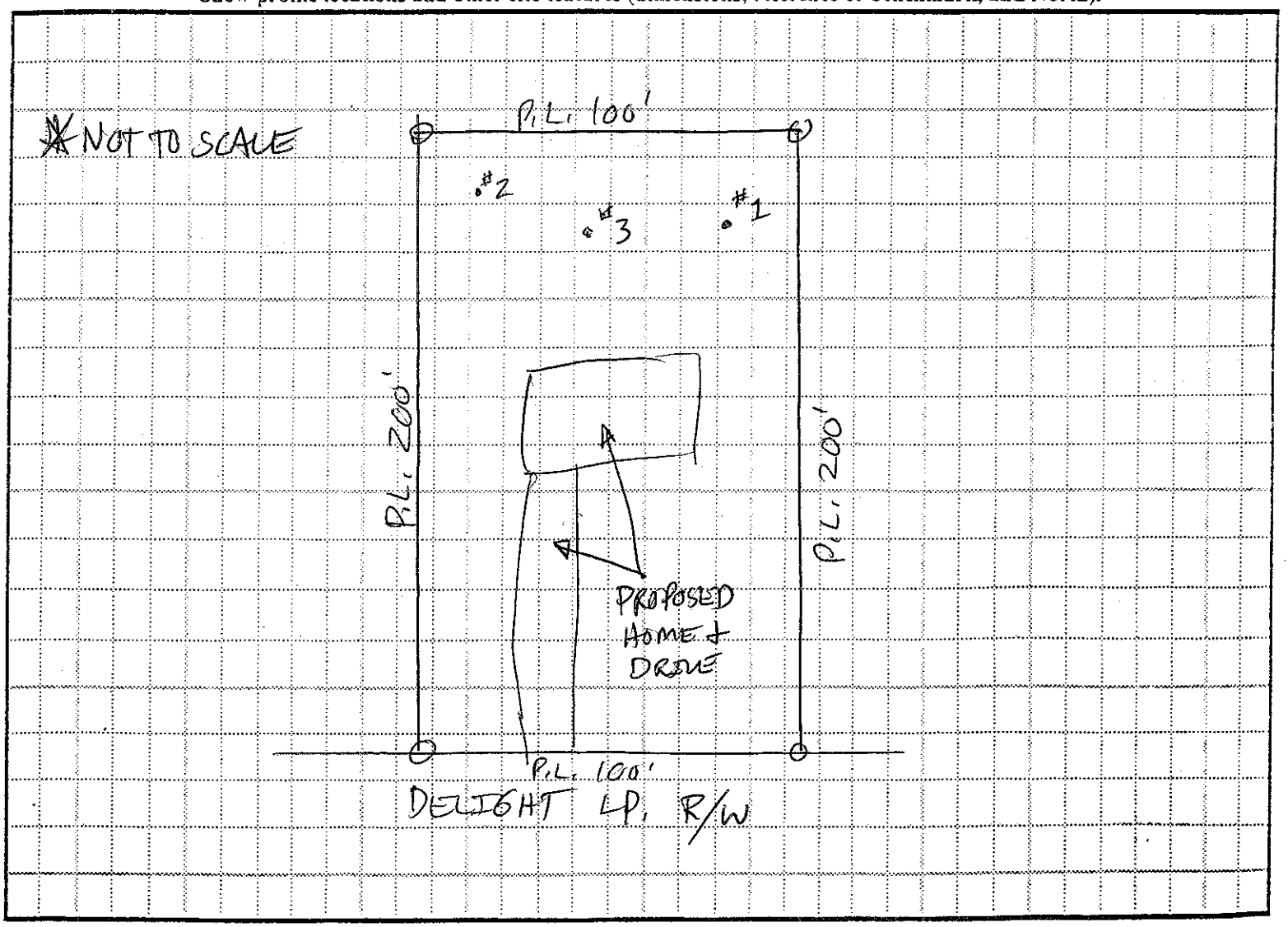
NOTES

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/ft²

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



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1	L/S 6%	0-16	SCL	VFr, SS					PS 0.30
		16-23	sbk, SC	Fr, SS, SP					
		23-38	sbk, C	Fr, S, SP, sesq					
		38-55	C w/ SAP	Inclusions					
2	L/S 6%	0-11	scL						PS 0.30
		11-25	sbk, SC	Fr, SS, SP					
		25-36	sbk, C	Fr, S, P					
		36-48	C & SAP MIX						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	EQ to 1,200	SAME
System Type(s)	III	IV
Site LTAR	0.30	0.30

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: R Mitchell
OTHER(S) PRESENT: Avery Dunlap

LEGEND

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