

**SOIL/SITE EVALUATION
FOR
ON-SITE WASTEWATER SYSTEM**

OWNER: Mark Joyner APPLICANT:
APPLICATION DATE: 8/24/94 DATE EVALUATED: 10/28/94
PROPOSED FACILITY: House 3 PROPOSED DESIGN FLOW (.1949): PROPERTY SIZE:
LOCATION OF SITE:
WATER SUPPLY: Private Public Well Spring Other EVAL. METHOD: Auger Boring Pit Cut

PROFILE #	.1940 LANDSCP POS./ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .1941					OTHER PROFILE FACTORS
			(a)(1) TEXTURE	(a)(2) STRUCTURE	(a)(3) MINERALOGY CONSISTENCE	SOIL MATRIX COLOR	SOIL MOTTLE COLOR	
1		0-24	SL	Gr	NExp			.1942 WETNESS CONDITION 36
		24-45	SC	SBK	SExp			.1943 SOIL DEPTH/ .1956 SAPROLITE
								.1944 RESTRICTIVE HORIZON
								.1947 PROFILE CLASSIF. PS PROFILE LTAR .3
2		0-10	SL	Gr	NExp			.1942 WETNESS CONDITION 30
		10-30	SC	SBK	SExp			.1943 SOIL DEPTH/ .1956 SAPROLITE
								.1944 RESTRICTIVE HORIZON
								.1947 PROFILE CLASSIF. PS PROFILE LTAR .3
3		0-10	SL	Gr	NExp			.1942 WETNESS CONDITION 30
		10-30	SC	SBK	SExp			.1943 SOIL DEPTH/ .1956 SAPROLITE
								.1944 RESTRICTIVE HORIZON
								.1947 PROFILE CLASSIF. PS PROFILE LTAR .3
4		0-36	SL	Gr	NExp			.1942 WETNESS CONDITION 36
		36-38	SL	SBK	SExp			.1943 SOIL DEPTH/ .1956 SAPROLITE
								.1944 RESTRICTIVE HORIZON
								.1947 PROFILE CLASSIF. PS PROFILE LTAR .3

AVAILABLE SPACE (.1945) OTHER FACTORS (.1946) SITE CLASSIFICATION PS
SYSTEM TYPE(S) SITE LONG-TERM ACCEPTANCE RATE(S)
EVALUATED BY: OTHER(S) PRESENT:
COMMENTS: Site is provisionally suitable & upgraded to provisionally suitable for shallow placed system

LANDSCAPE POSITION

GROUP

TEXTURE

LTAR

CC - CONCAVE SLOPE
 CV - CONVEX SLOPE
 D - DRAINAGE WAY
 DS - DEBRIS SLUMP
 FP - FLOOD FLAN
 FS - FOOT SLOPE
 H - HEAD SLOPE
 L - LINEAR SLOPE
 M - NOSE SLOPE
 R - RIDGE
 S - SHOULDER SLOPE
 T - TERRACE

I

II

IV

S - SAND
 LS - LOAMY SAND
 SL - SANDY LOAM
 L - LOAM
 SIL - SILT
 SILC - SILTY CLAY LOAM
 CL - CLAY LOAM
 SILC - SANDY CLAY LOAM
 SILC - SILTY LOAM CLAY

SC - SANDY CLAY
 SIC - SILTY CLAY
 O - ORGANIC

1.3 - 0.8
 0.4 - 0.6
 0.4 - 0.3
 0.4 - 0.1
 NONE

MINERALS

MINERALOGY/CONSISTENCE

NEP - NON-EXPANSIVE
 SEP - SLIGHTLY EXPANSIVE
 EXP - EXPANSIVE

MOIST

VFR - VERY FRABLE
 FR - FRABLE
 FI - FIRM
 VFI - VERY FIRM
 EFX - EXTREMELY FIRM

WET

NS - NON-STICKY
 SS - SLIGHTLY STICKY
 S - STICKY
 VS - VERY STICKY
 NP - NON-PLASTIC
 SP - SLIGHTLY PLASTIC
 P - PLASTIC
 VP - VERY PLASTIC

STRUCTURE

S - SINGLE GRAIN
 M - MASSIVE
 CS - CLUMPS
 GR - GRANULAR
 SBK - SUBANGULAR BLOCKY
 ABK - ANGULAR BLOCKY
 PL - PLATT
 PR - PRISMATIC

NOTES:

HORIZON DEPTH IN INCHES BELOW NATURAL SOIL SURFACE

DEPTH OF FILL IN INCHES FROM LAND SURFACE

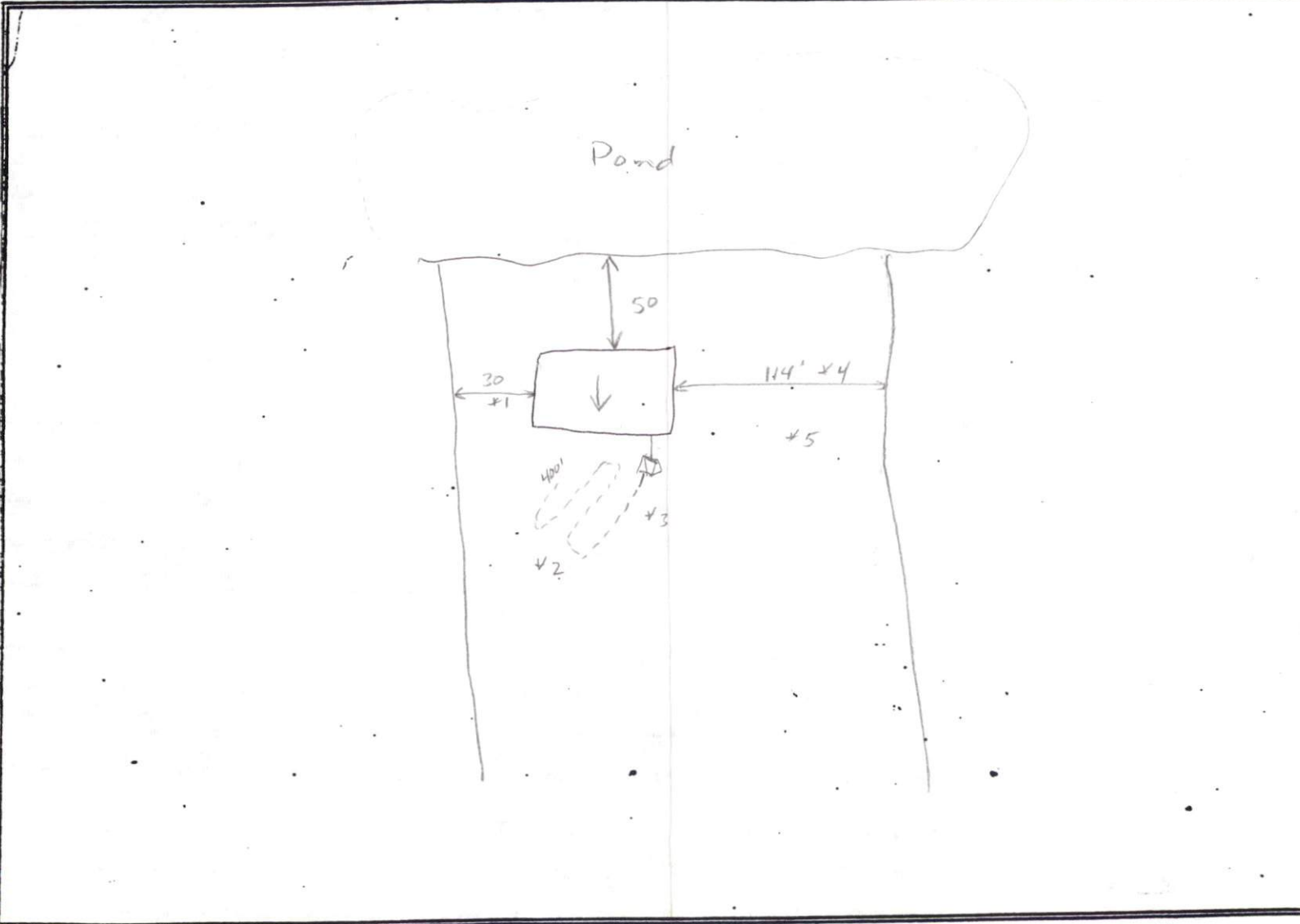
RESTRICTIVE HORIZON— THICKNESS AND DEPTH FROM LAND SURFACE

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: GAL/DAY/FT²



LANDSCAPE POSITION	GROUP	TEXTURE	LITERS	MINERALOGY/CONSISTENCE	STRUCTURE
CC - CONCAVE SLOPE	I	S - SAND	1.3 - 0.3	NON - NON-EXPANSIVE	S - SINGLE GRAIN
CV - CONVEX SLOPE		LS - LOAMY SAND		SEXP - SLIGHTLY EXPANSIVE	M - MASSIVE
D - DRAINAGE WAY				EXP - EXPANSIVE	CS - CLUMP
DS - DEBRIS SLIMP	II	SL - SANDY LOAM	0.8 - 0.6		GR - GRANULAR
FP - FLOOD FLASH		L - LOAM			SSE - SUBANGULAR BLOCKY
FS - FOOT SLOPE					ASB - ANGULAR BLOCKY
H - HEAD SLOPE	III	S - SILT	0.5 - 0.3		PL - PLATT
L - LINEAR SLOPE		SCL - SILTY CLAY LOAM			PS - PRISMATIC
M - MOSE SLOPE		CL - CLAY LOAM			
R - RIDGE		SCL - SANDY CLAY LOAM			
S - SHOULDER SLOPE		SCL - SILTY LOAM CLAY			
T - TERRACE	IV	SC - SANDY CLAY	0.4 - 0.1		
		SEC - SILTY CLAY			
		O - ORGANIC	NONE		

MOIST	WET
VFR - VERY FRABLE	NS - NON-STICKY
FR - FRABLE	SS - SLIGHTLY STICKY
F - FIRM	S - STICKY
VF - VERY FIRM	VS - VERY STICKY
EF - 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)
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