

SWANSON

$$3 \text{ } \frac{1}{2} \text{ SCH TAPS} = 3 \times 7.11 = 21.33 \times 2 = 23 \text{ gpm}$$

$$\text{TOH} = \text{PH} + \text{FH} + \text{EH}$$

$$\text{PH} = 2$$

$$\text{EH} = 6' \text{ OF RISE} + 6' = ~~6'~~ 12'$$

$$\text{FH} = 2 \times 1.27 = 2.54 \times 1.2 = 3'$$

$$\text{TOH} = 17'$$

$$\text{PUMP} = 23 \text{ gpm @ } 17' \text{ TOH}$$

$$\text{MANATEE} = 3 \text{ } \frac{1}{2} \text{ SCH 40 VALVES}$$

$$2'' \text{ SCH 40 PIPE}$$

$$\text{PH} = 2'$$

DOSE

$$300 \times .66 \times .66 = 129 \text{ gallons/dose}$$

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

Owner: _____ Applicant: _____
 Address: _____ Date Evaluated: _____
 Proposed Facility: _____ Design Flow (.1949): _____ Property Size: _____
 Location of Site: _____ Property Recorded: _____
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L	0-12	SL	FR GM NSNP					.38
		12-18	SL	FR GM NSSP					
		18-40	SL ^{clay}	SL FR SPSL SSSP	28				
2	L	0-12	SL	FR GM NSNP					.4
		12-20	SL	FR GM NSSP					
		20-48	SL ^{clay}	SL FR SPSL SSSP	36				

Description	Initial System	Repair System
Available Space (.1945)	/	/
System Type(s)	com	LPP
Site LTAR	.4	.35-3

Other Factors (.1946): _____
 Site Classification (.1948): _____
 Evaluated By: _____
 Others Present: _____

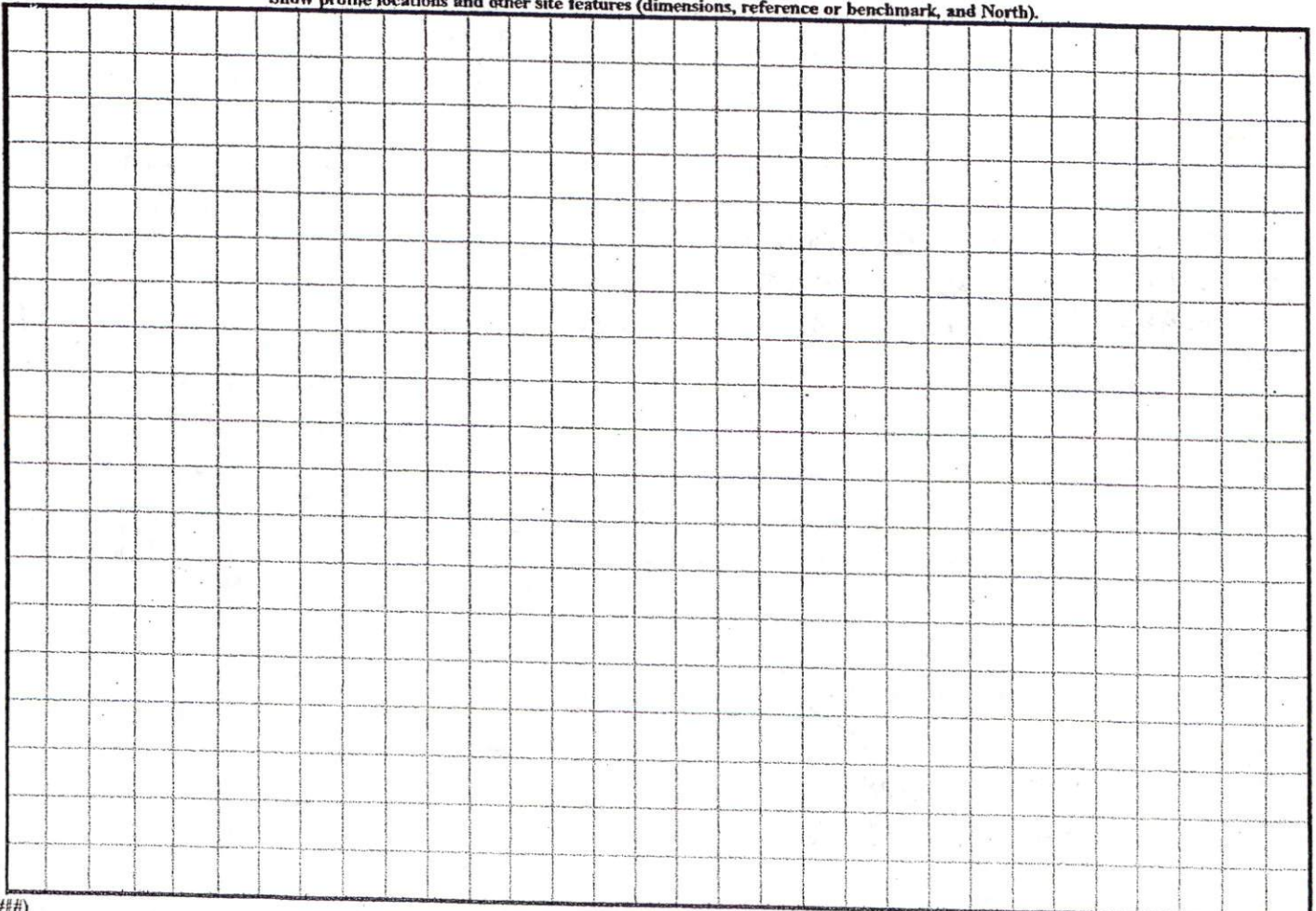
COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE					
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
N-NOSE SLOPE		L-LOAM		FI-FIRM	S-STICKY
H-HEAD SLOPE	III	SI-SILT-	0.6 - 0.3	VFI-VERY FIRM	VS-VERY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CV-CONVEX SLOPE		CL-CLAY LOAM			SP-SLIGHTLY STICKY
T-TERRACE		SCL-SANDY CLAY LOAM			P-PLASTIC
FP-FLOOD PLAN		SICL-SILTY CLAY LOAM			VP-VERY PLASTIC
	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

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



County: 1" = 100 ft
 Deed: Area: 2.059 acre
 Page: Closing Distance = 0.00 ft
 Tract: Closing Error = 0.00 %
 User: Perimeter = 1261.40 ft



CALLS	BEARING	DISTANCE
1 2	NE 26 56 1	373.63
2 3	SE 31 23 19	387.77
3 4	SW 26 56 1	170.00
4 5	NW 63 3 56	330.00

SITE PLAN APPROVAL
 DISTRICT RAYD USE SFD
 #BEDROOMS 3
9/3/04 PRUSSELL
 Date Zoning Administrator

* NEED TO BE
 moved forward
 to START #

6' of rise
 200' of supply

