

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

Owner: \_\_\_\_\_ Applicant: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Proposed Facility: \_\_\_\_\_ Design Flow (.1949): \_\_\_\_\_ Date Evaluated: 1/2/05  
 Location of Site: \_\_\_\_\_ Property Size: \_\_\_\_\_  
 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	
LS		0-6	G/SL	VFR NSNI					US
		6-20	SBK/SC1	FR SSSP	7.5 YR 6/1	19"			
		0-8	G/SL	VFR NSNP					US
		8-24	SBK/SC1	FR SSSP	7.5 YR 6/1	8"			
		0-6	G/SL	VFR NSNP					US
		6-23	SBK/SC1	FR SSSP	Gley 6/N	8"			
		0-23	G/SL	VFR NSNP	Gley 3/N	0"			US
		23+	SBK/SC1	FR SSSP	Gley 4/N	23"			
		0-12"	G SL	VFR NS/MP	BLACK SOIL				US
		12-20"	SBK SCL	FR SSSP	2.5Y 6/2				
		0-8	G SL	VFR NS/MP					PS .5 to 44"
		8-30	SBK* SCL	FR SSSP					
		30-44	G SL	VFR SS/SP					
		44"	SBK SCL	FR S/P					US
		0-6	G SL	VFR NS/MP					
	6-18"	SBK SCL	FR SSSP	10YR 6/1 @ 16"					

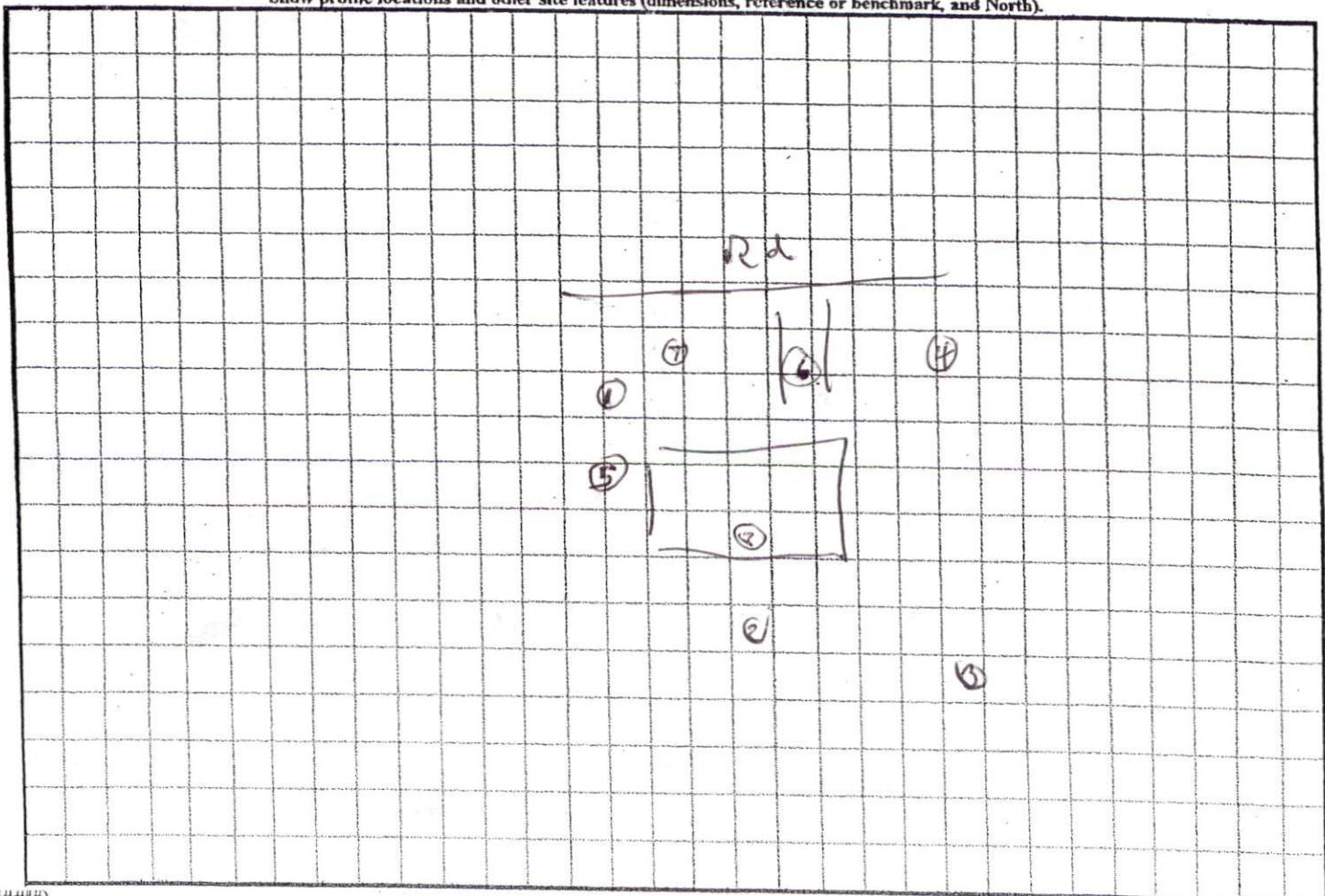
Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): US  
 Evaluated By: BM  
 Others Present: 0-10" 10" 10" 10"  
GSL SBK SCL  
BLACK 2.5Y 6/2

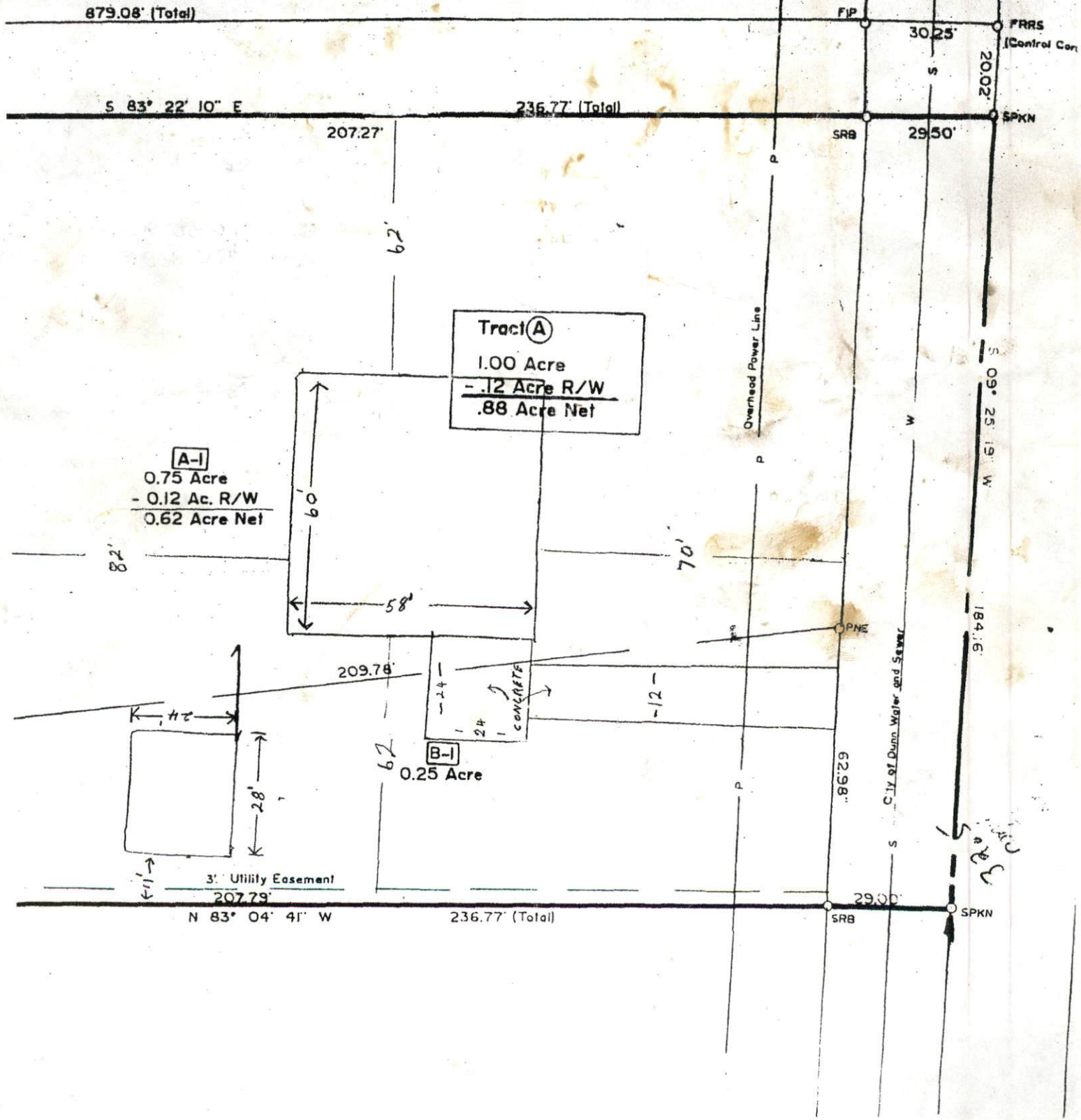
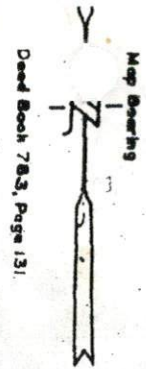
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

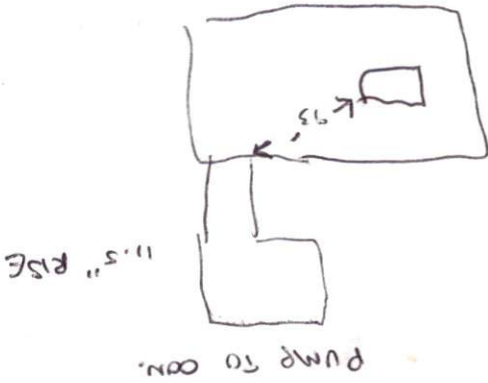
LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		P-PLASTIC VP-VERY PLASTIC
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			
<u>STRUCTURE</u>		<u>MINERALOGY</u>			
SG-SINGLE GRAIN		SLIGHTLY EXPANSIVE			
M-MASSIVE					
CR-CRUMB		EXPANSIVE			
GR-GRANULAR					
SBK-SUBANGULAR BLOCKY					
ABK-ANGULAR BLOCKY					
PL-PLATY					
PR-PRISMATIC					

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



SPKN-----Set P.K. Nail  
 -----Found Rebar  
 -----Set Rebar  
 r/w-----Right of Way  
 -----Centerline  
 PNE-----Point Not Establish,d  
 FRRS-----Found Railroad Spike  
 NOTE: All measurements shown are horizontal  
 ground measurements unless otherwise noted.  
 Area computed by coordinates.





0.027 G SL VFR NS/INP  
 24-42" 2.5Y 7/2 @ 40"  
 SRT 30 FR 33/30 05.5

0-38" C SL VFR NS/INP 05  
 1848" SRT 50 FR 33/30 .5

$$0.10 \times 65 \times .66 = 10.2$$

$$0.75 \text{ pm @ } 12 \text{ TOM}$$

$$\text{TOM} = 12$$

$$\text{FM} = 2.5 \times 1.27 = 3.175$$

$$\text{EH} = 1' \text{ RISE} + 6' \text{ TANK}$$

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

$$\text{TOM} = \text{PH} + \text{EH} + \text{FM}$$

$$2 \times 12.5 = 25 + 2 = 27 \text{ pm}$$

$$2 \times \frac{3}{4} \text{ SL 40}$$