

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

Owner: Woodhull

Applicant:

Address:

Date Evaluated: 3/11/05

Proposed Facility: 3BR

Design Flow (.1949): 360

Property Size: .46 A

Location of Site: 5A 1117

Property Recorded:

- Water Supply: Public Individual Well Spring Other
- Evaluation Method: Auger Boring Pit Cut
- Type of Wastewater: Sewage Industrial Process Mixed

Profile #	1940 Landscape Position/Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941			OTHER PROFILE FACTORS				Profile Class & LTAR
			1941 Structure/Texture	1941 Consistence	1941 Mineralogy	1942 Soil Wetness/Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr. Horiz	
1	27%	0-12	SL	GC	Fr	NSMP				0.2 PS
		12-32	SL	SB	Fi	SSP				
		32-48	CL	SBL	Fi	SP				
2	27%	0-48	SL	GI	Fr	NSMP				0.4 PS
		0-24	SL	GI	Fr	NSMP				
3		24-48	SL	SBL	Fi	SSP				0.5 PS
4		0-24	SL	GI	Fr	NSMP				0.5 PS
		24-48	SL	SBL	Fi	SSP				

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	GIN	LPT
Site LTAR	0.5	0.25

Other Factors (.1946): _____

Site Classification (.1948): PS

Evaluated By: WHE

Others Present: gW

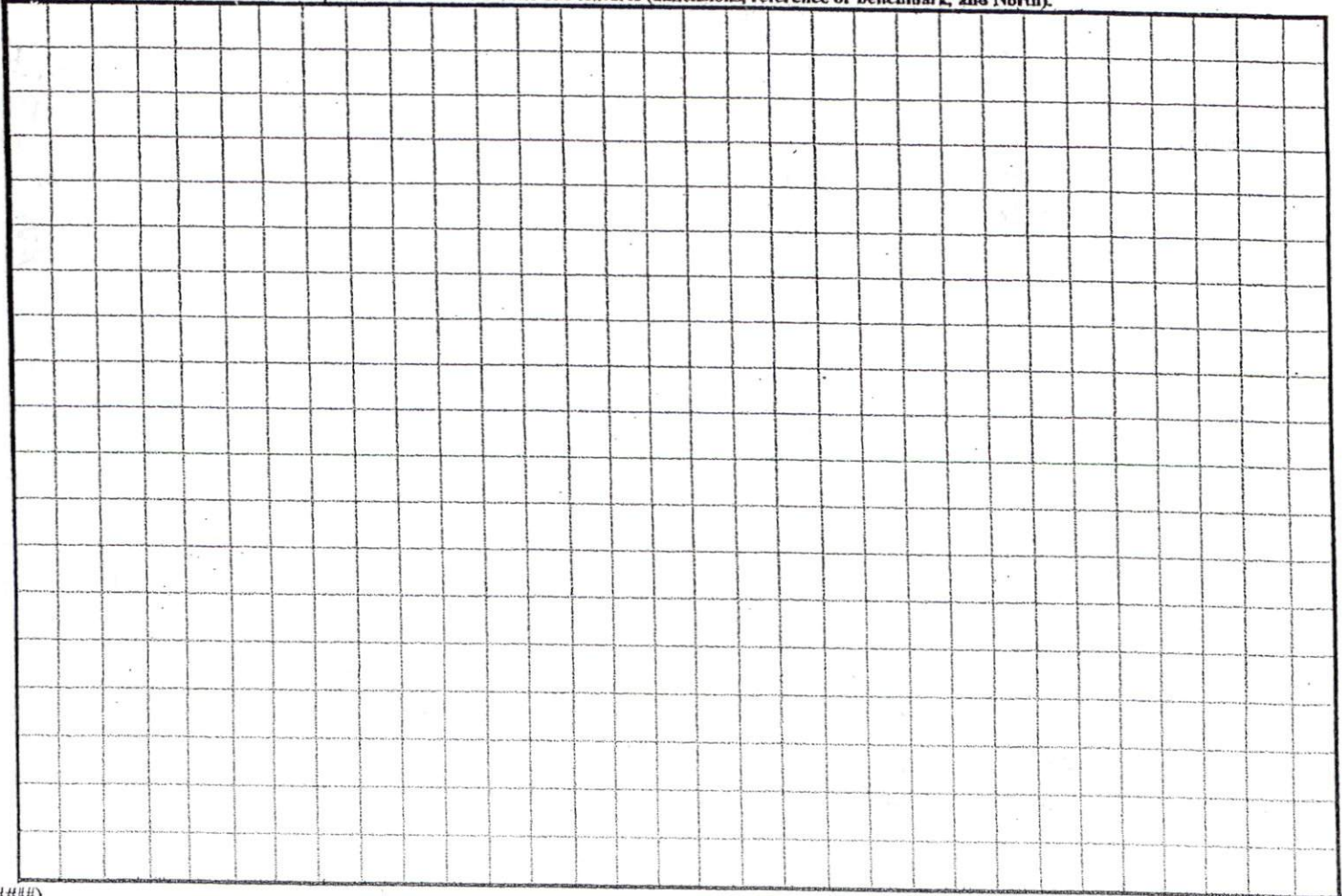
COMMENTS: _____

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

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).



Not to scale

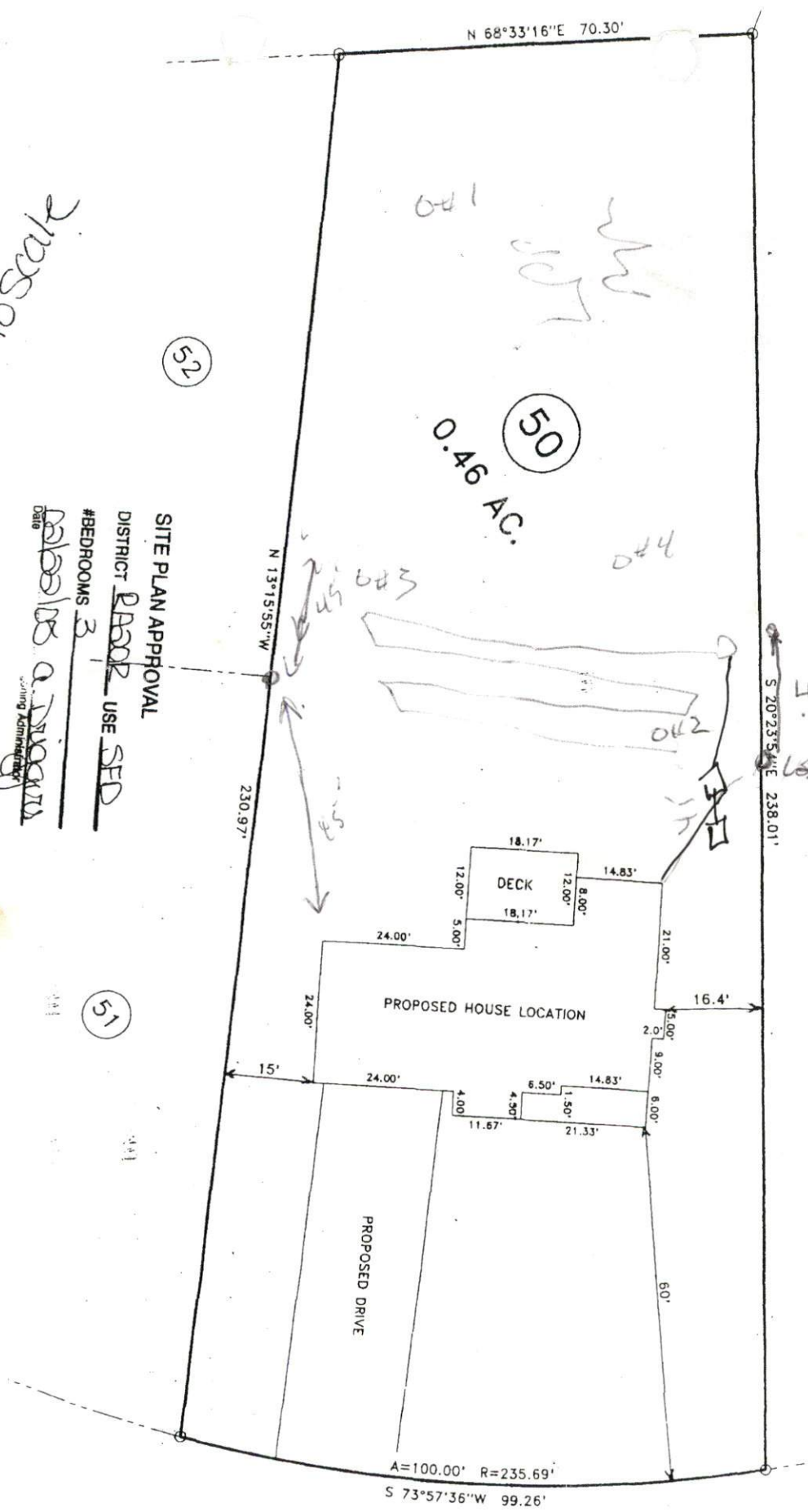
51

50

0.46 AC.

SITE PLAN APPROVAL
DISTRICT RROR USE SED
#BEDROOMS 3
Date October 15, 2009
City of Springfield
Planning Administration

51



0.5 $\sqrt{360}$
35
10

3 $\sqrt{720}$
240

"SILVER OAKS DRIVE" 50' R/W

$$\begin{array}{r} 1800 \\ 2 \overline{) 360} \\ \underline{36} \\ 0 \end{array}$$

$$\begin{array}{r} 265 \\ 5 \overline{) 1325} \\ \underline{130} \\ 25 \\ \underline{25} \\ 0 \end{array}$$