

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Al Griffin Applicant: Al Craven Griffin, Jr.
 Address: Lot 1 E T Farm Ln Date Evaluated: 12/08/2016
 Proposed Facility: 3BR House Design Flow (.1949): 360
 Location of Site: Griffin Rd. Property Recorded: Yes
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size: 1.25

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-3%	0-15	Gr./SL	Fr. SS SP SE _{exp}	—	—	—	—	PS
		15-38	BK/CL	Fi SP SE _{exp}	5YR 6/1 @ 38in	38+	—	—	0.45
2	L-2%	0-27	Gr./SL	Fr. SS SP SE _{exp}	—	—	—	—	PS
		27-38	BK/CL	Fi SP SE _{exp}	5YR 6/1 @ 34in	38+	—	—	0.45
3	L-2%	0-17	Gr./SL	Fr. SS SP SE _{exp}	—	—	—	—	PS
		17-24	BK/CL	Fi SP SE _{exp}	10YR 5/1 @ 20in	24+	—	—	0.45
4	L-2%	0-15	Gr./SL	Fr. SS SP SE _{exp}	—	—	—	—	PS
		15-26	BK/SL	Fi SP SE _{exp}	—	—	—	—	PS
		26-36	BK/CL	Fi SP SE _{exp}	5YR 6/1 @ 32in	36+	—	—	0.45

Description	Initial System	Repair System	Other Factors (.1946): <u>NONE</u> Site Classification (.1948): <u>Provisionally Suitable</u> Evaluated By: <u>Andrew Curran, REHS-I</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% Red.</u>	<u>25% Red.</u>	
Site LTAR	<u>0.45</u>	<u>0.45</u>	

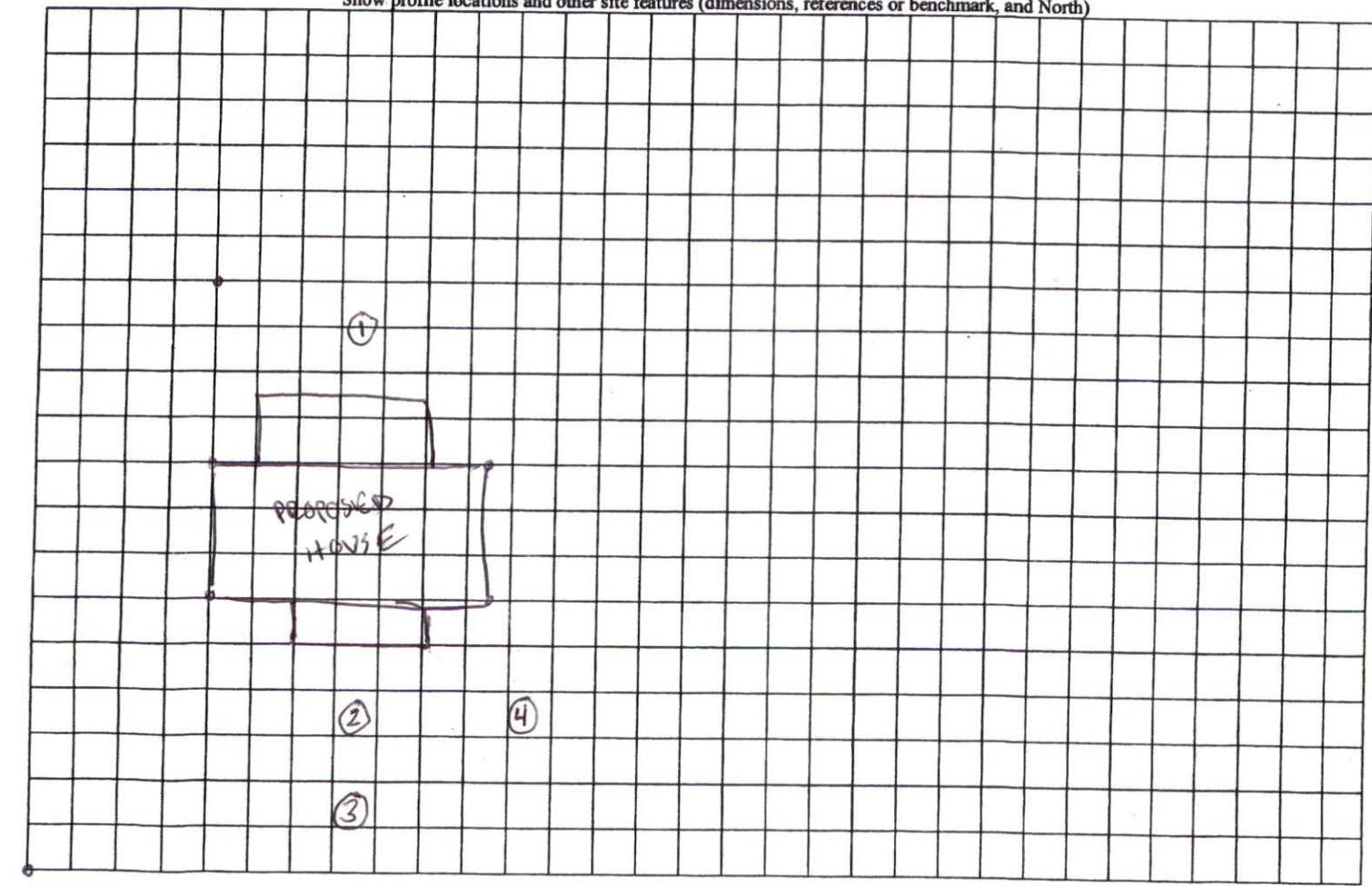
COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3		
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		
FP-FLOOD PLAN		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, references or benchmark, and North)



* Trench Depth 18-22in

* 9ft off center

* On contour

* Pump as needed per $\frac{1}{8}$ " per foot gravity Fall

* LTR 0.45 Group III Soil

