

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

Owner: Applicant: Lamy Godwin Jr.
 Address: Date Evaluated: 8-23-19
 Proposed Facility: 1510 Erwin Chapel Rd Design Flow (.1949): 360 GPD Property Size: 9.28 Acres
 Location of Site: Chapel Rd 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 < 3%	0-10"	GR SL	Vfr sexp nsnp					PS 0.3
		10-37"	Sbk SC	Fi sexp sp		37"			
2	L < 4%	0-12"	GR SL	Vfr sexp nsnp					PS 0.3
		12-36"	Sbk SC	Fi sexp sp		36"			
3	L < 4%	0-24"	GR SL	Vfr sexp nsnp					PS 0.4
		24-40"	Sbk SCL	Fr seip sssp		40"			
4	L < 3%	0-29"	GR LS	Vfr sexp nsnp					PS 0.4
		29-48"	SbL SCL	Fr sexp sssp		48"			
5	L < 5%	0-24"	GR LS	Vfr sexp nsnp					PS 0.3
		24-30"	Sbk SCL	Fr sexp sssp		30"			
6	L < 5%	0-22"	GR LS	Vfr sexp nsnp					PS 0.4
		22-38"	SbL SCL	Fr sexp sssp		38"			

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>Provisionally suitable</u> Evaluated By: <u>Brittany Adams</u> Others Present:
Available Space (.1945)			
System Type(s)	<u>251. Red</u>	<u>251. Red</u>	
Site LTAR	<u>0.3</u>	<u>0.3</u>	

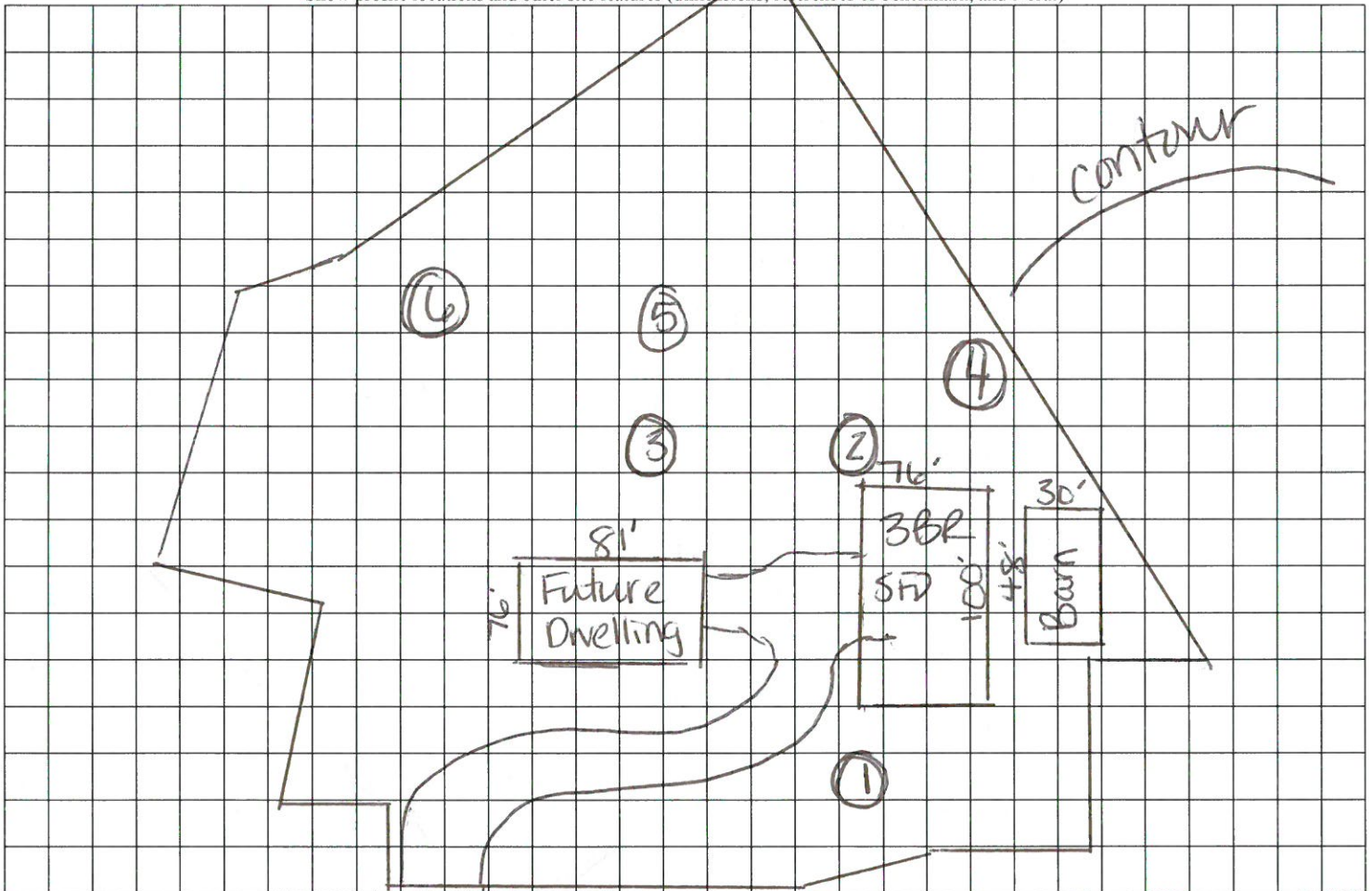
COMMENTS: _____

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



ERWIN CHAPEL RD