

SFD 2105-0003

SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM

Owner: *J.T. Peter* Applicant: *Johanna*
 Address: *1240 Cool Spring rd* Date Evaluated: *6-11-21*
 Proposed Facility: *SFD* Design Flow (.1949): *480 GPD* Property Size:
 Location of Site: *same* 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	
Pit 1	L	0-28	sc1 SBk	Fi/ss/sp/sxp	> 60"	≤ 28"	100%	—	PS .4
	5-7%	28-60	Saprolite				≥ 28"		Group III
Pit 2	L	0-21	sc1 SBk	Fi/ss/sp/sxp	> 54"	≤ 21"	100%	—	PS .4
	5-7%	21-54	Saprolite				≥ 21"		Group III
Pit 3	L	0-26	sc1 SBk	Fi/ss/sp/sxp	> 54"	≤ 26"	100%	—	U BE sep formation vertical
	5-7%	26-96	Saprolite				≥ 26"		
Pit 4	L	0-30	sc1 SBk	Fi/ss/sp/sxp	> 70"	≤ 30"	100%	—	PS .4
	5-7%	30-60	Saprolite				≥ 30"		Group III

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):
Available Space (.1945)	✓	✓	PS
System Type(s)	<i>252 cut</i>	<i>252 cut</i>	Evaluated By: <i>M. Doherty R.E.H.</i>
Site LTAR	<i>.4</i>	<i>.4</i>	Others Present:

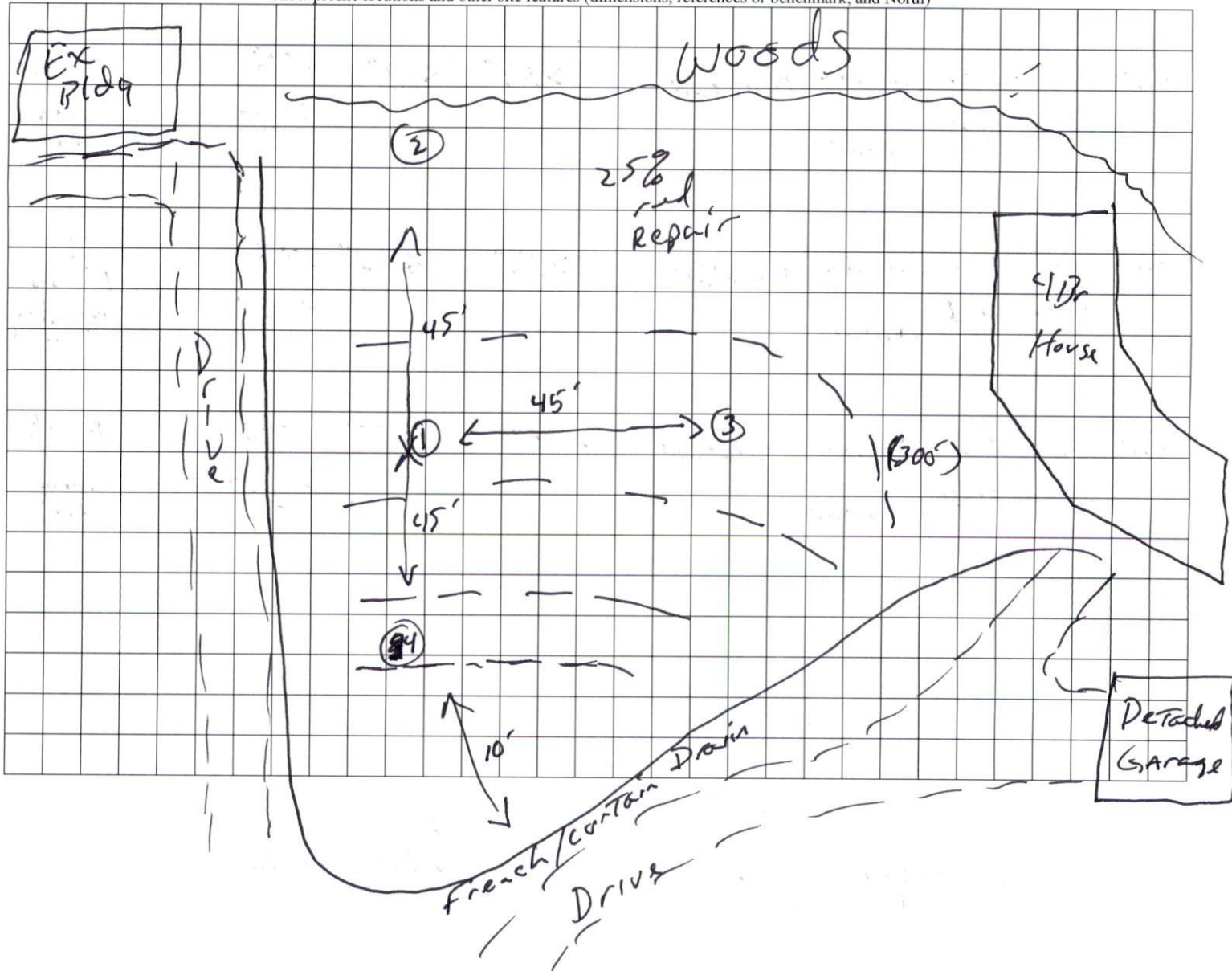
COMMENTS: _____

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			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	FI-FIRM	S-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	VFI-VERY FIRM	VS-VERY STICKY
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
					SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

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)



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