

SFD 2102 - 0100

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

Owner: Andrew Buie Applicant:  
 Address: 10425 McDougald  
 Proposed Facility: SFD Date Evaluated: 3-8-21  
 Location of Site: Property Recorded: Design Flow (.1949): 600 GPD 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	
1,2	L	0-6	LS(A) Gr	F <sub>1</sub> /m <sub>1</sub> /w <sub>1</sub> /x <sub>1</sub> p	10YR 6/2 @	>48"	-	-	PS .4
3	2-5%	6-14	LS Gr	F <sub>1</sub> /m <sub>1</sub> /w <sub>1</sub> /x <sub>1</sub> p	38"				Group III
		14-48	SCI SBk	F <sub>1</sub> /s <sub>1</sub> /sp <sub>1</sub> /x <sub>1</sub> p					
4	L	0-6	LS(A) Gr	F <sub>1</sub> /m <sub>1</sub> /w <sub>1</sub> /x <sub>1</sub> p	7.5YR 7/2	>48"	-	-	U
	2-5%	6-18	LS Gr	F <sub>1</sub> /m <sub>1</sub> /w <sub>1</sub> /x <sub>1</sub> p	@ <12"				
		18-48	SCI SBk	F <sub>1</sub> /s <sub>1</sub> /sp <sub>1</sub> /x <sub>1</sub> p	10YR 6/2 @ 18"				
5,6	L	0-6	LS(A) Gr	F <sub>1</sub> /m <sub>1</sub> /w <sub>1</sub> /x <sub>1</sub> p	10YR 6/1 @ 36"	>48"	-	-	PS .4
	2-5%	6-20	LS Gr	F <sub>1</sub> /m <sub>1</sub> /w <sub>1</sub> /x <sub>1</sub> p					Group III
		20-48	SCI SBk	F <sub>1</sub> /s <sub>1</sub> /sp <sub>1</sub> /x <sub>1</sub> p					

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: M. Osborne R. G. H. Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	2 1/2" red	2 1/2" red	
Site LTAR	.4	.4	

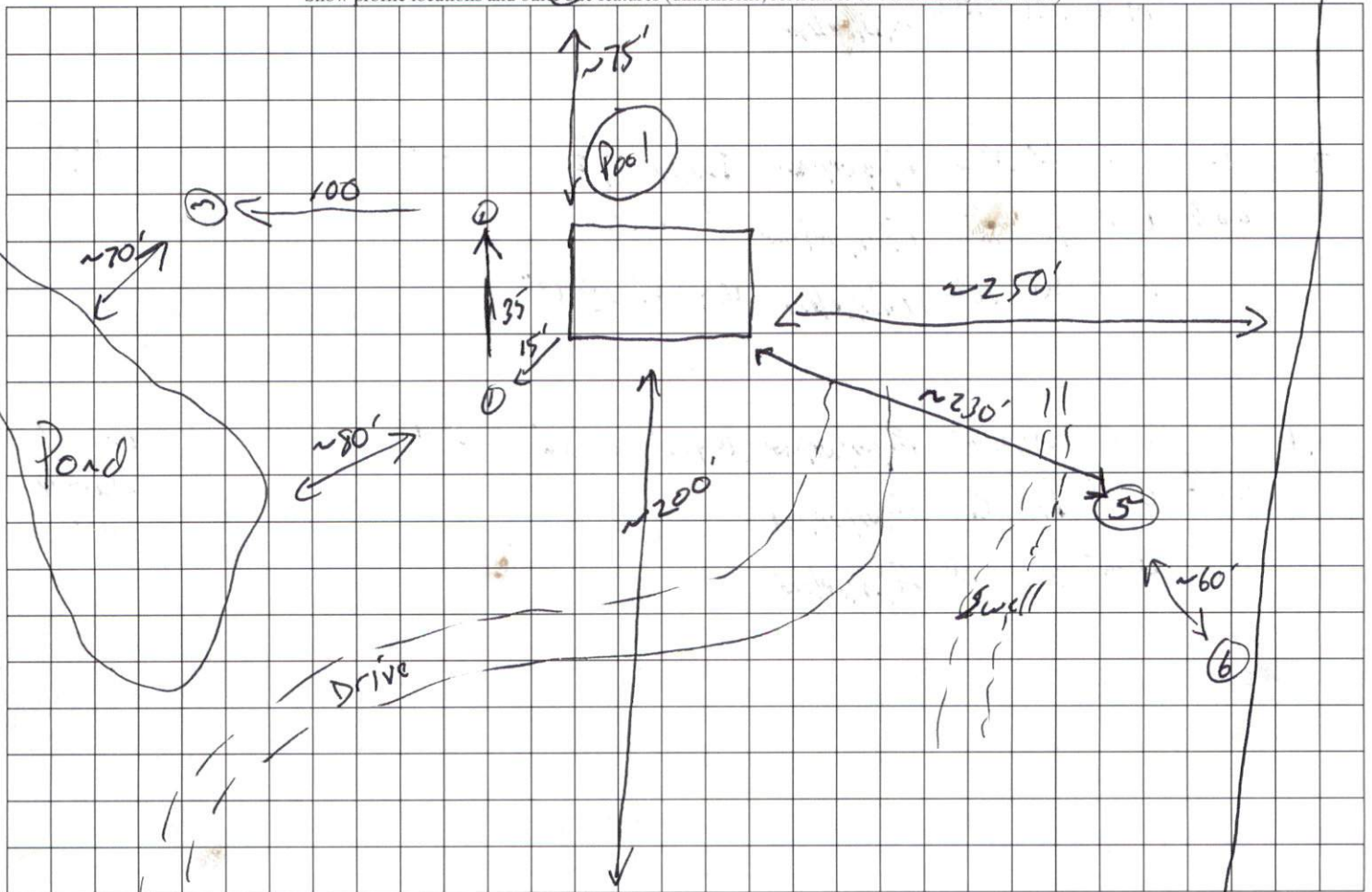
COMMENTS: \_\_\_\_\_

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	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
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
FP-FLOOD PLAN		C-CLAY			VP-VERY PLASTIC
		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)



McDougal Rd