

EH 2105-0002

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

Owner: *Bernes Mclean* Applicant:  
 Address: *Sand Hills CT (44)* Date Evaluated: *5-7-21*  
 Proposed Facility: *SFD* Design Flow (.1949): *360 GPD* Property Size:  
 Location of Site: 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	0-4	LS(A) Gr	Fr/ns/np/np	>48"	>48"	—	—	PS. 45
	2-5%	4-20	LS Gr	Fr/ns/np/np					Group III
		20-48	sci	sdh	fi/ss/sp/sxp				
2	L	0-4	LS(A) Gr	Fr/ns/np/np	>48"	>48"	—	—	PS. 45
	2-5%	4-18	LS Gr	Fr/ns/np/np					Group III
		18-48	sci	sdh	fi/ss/sp/sxp				
3	L	0-4	LS(A) Gr	Fr/ns/np/np	>48"	>48"	—	—	PS. 45
	<2%	4-8	LS Gr	Fr/ns/np/np					Group III
		8-48	sci	sdh	fi/ss/sp/sxp				

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

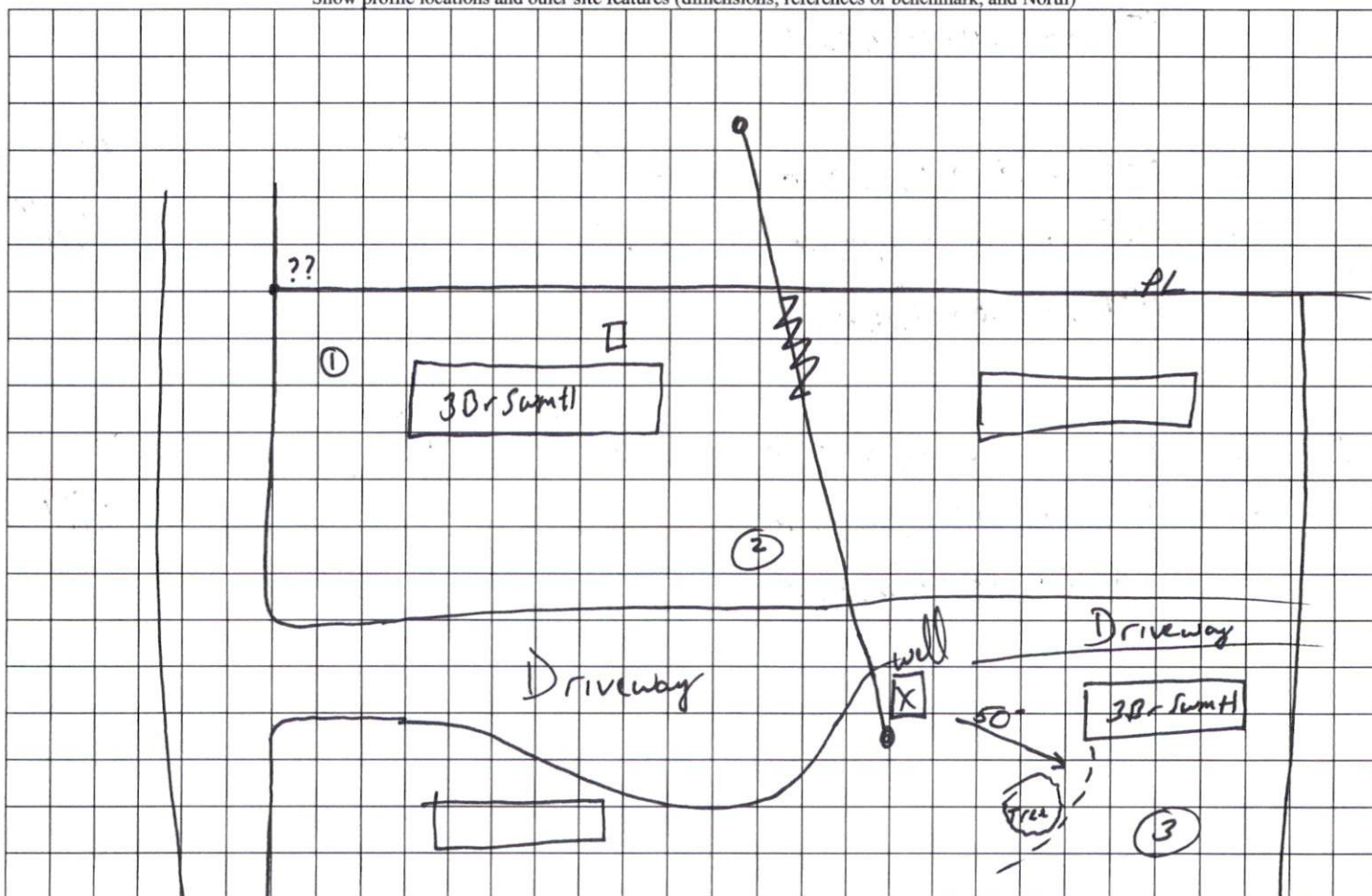
COMMENTS: \_\_\_\_\_

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-SLIGHTY 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)



Mclean Chapel Church RD