

EH 2001-0016
 EVELYN UPCHURCH
 LOT 3

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

Owner: Applicant: Cecilia + Steven Grayson
 Address: 540 Mount Upchurch Date Evaluated: 01/15/2020
 Proposed Facility: EXT STP Design Flow (.1949): 360 GPD
 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	
1,3	L 3-5%	0-12	CL LS	VM NSNP					
		12-38	ML SL	FR SSSP					PS
		38+	Parent mat.	-		38			0.45
2	L 3-5%	0-12	CL LS	VM NSNP					
		12-44	ML SCL	FR SSSP					PS
		44+	Parent mat.	-		44			0.45

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	 	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally suitable
System Type(s)	 	25% MLD	Evaluated By: Andrew Curran, 1/15/20
Site LTAR	 	0.45	Others Present:

COMMENTS: _____

LANDSCAPE POSITIONS

- R-RIDGE
- S-SHOULDER SLOPE
- L-LINEAR SLOPE
- FS-FOOT SLOPE
- N-NOSE SLOPE
- H-HEAD SLOPE
- CC-CONCLAVE SLOPE
- CV-CONVEX SLOPE
- T-TERRACE
- FP-FLOOD PLAN

GROUP	TEXTURES
I	S-SAND LS-LOAMY SAND
II	SL-SANDY LOAM L-LOAM
III	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM
IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY

.1955 LTAR

CONSISTENCE MOIST WET

1.2 - 0.8

0.8 - 0.6

0.6 - 0.3

0.4 - 0.1

- VFR-VERY FRIABLE
- FR-FRIABLE
- FI-FIRM
- VFI-VERY FIRM
- EFI-EXTREMELY FIRM

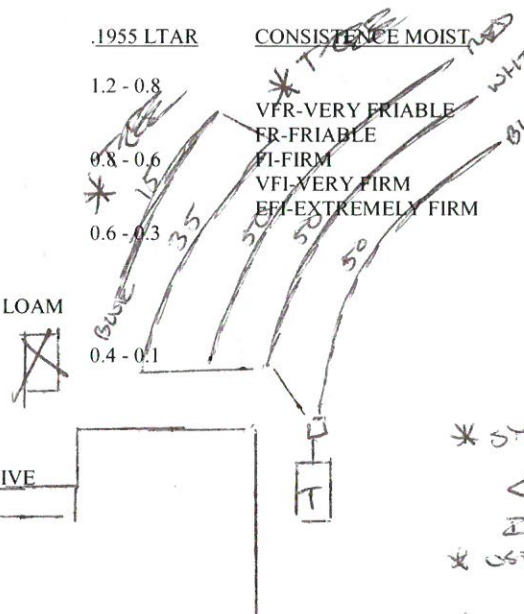
- NS-NON-STICKY
- SS-SLIGHTLY STICKY
- S-STICKY
- VS-VERY STICKY
- NP-NON-PLASTIC
- SP-SLIGHTLY STICKY
- P-PLASTIC
- VP-VERY PLASTIC

STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

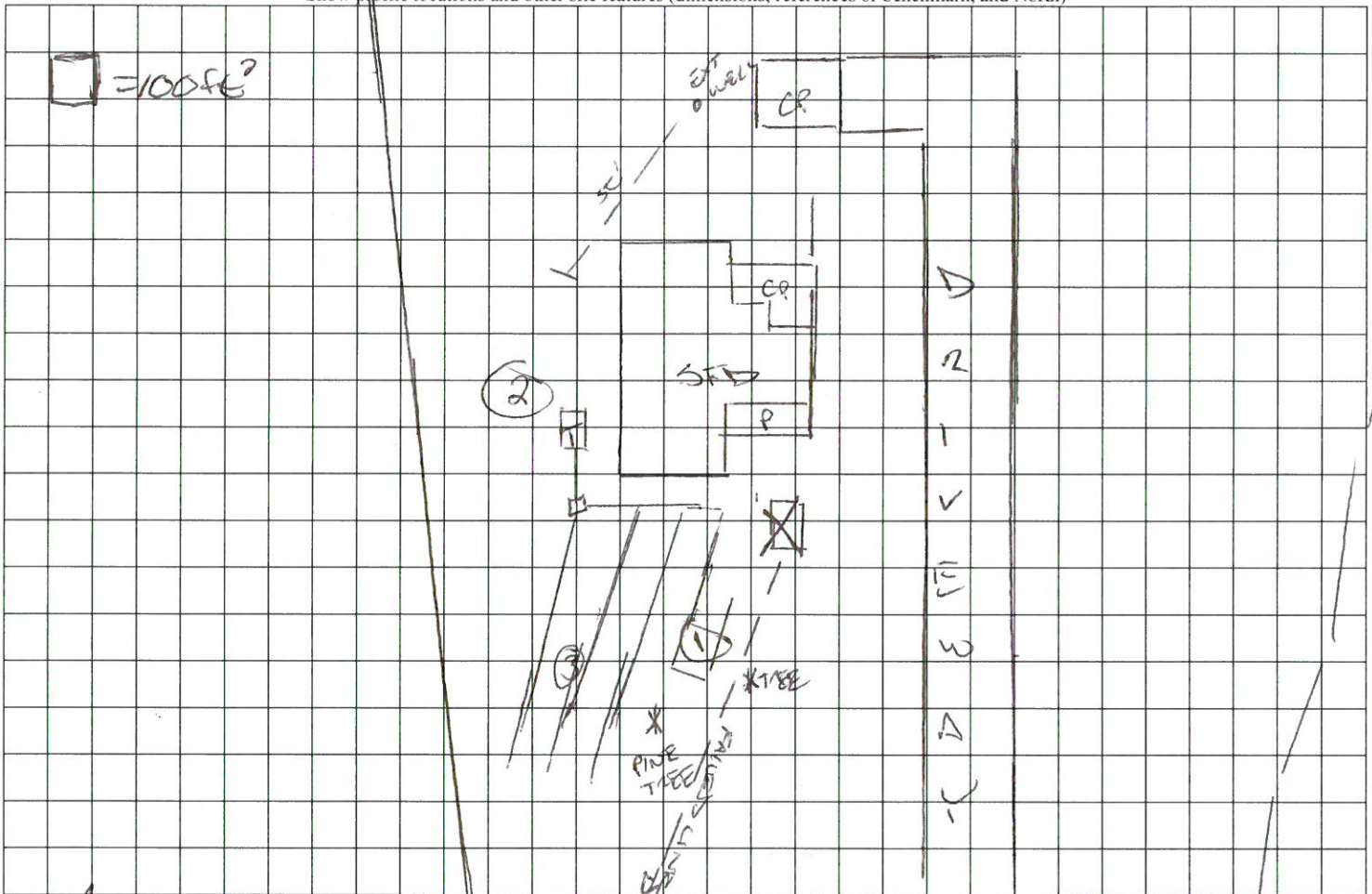
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE



* SY. FLAGGED W/
 (GEN VARIANE
 IN LINES
 * USE DEPTH TO
 COMPENSATE
 * GRAVITY TO D.BOX

Show profile locations and other site features (dimensions, references or benchmark, and North)



MAMIE UPCHURCH RD (SR 1514)