

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: *John McCasley*
 Applicant:

Address: *413 Hicks Rd*
 Proposed Facility: *SFD*

Date Evaluated: *6-30-21*
 Design Flow (.1949): *360 GPD*

Bres 2106-0041

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	0-2	LS	Gr	Fr/Us/np/np	>48"	>48"	≥ 23"	-	Pis b/c Saprotize
	<i>2-5%</i>	2-48	SC	SPk	Fr/ss/sp/SP					
2-3	L	0-4	LS	Gr	Fr/Us/np/np	>48"	>48"	≥ 24"	-	Pis b/c Saprotize
	<i>5-7%</i>	4-48	SI	SPk	Fr/ss/sp/SP					
Pis A	L	0-12	LS	Gr	Fr/Us/np/np	>60"	>60"	>50% @ 24"	-	PS.5 Group III
	<i>2-5%</i>	12-60	Scp w/sci	SPk	Fr/Us/np/np					
Pis B/c	L	0-8	LS	Gr	Fr/Us/np/np	>60"	>60"	>50% @ 8"	-	PS.5 Group III
	<i>2-5%</i>	8-60	Scp w/sci	SPk	Fr/Us/np/np					

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>M. Whelan R.E.H.S.</i> Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	<i>258 ind</i>	<i>258 ind</i>	
Site LTAR	<i>.5</i>	<i>.5</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-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		P-PLASTIC	
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

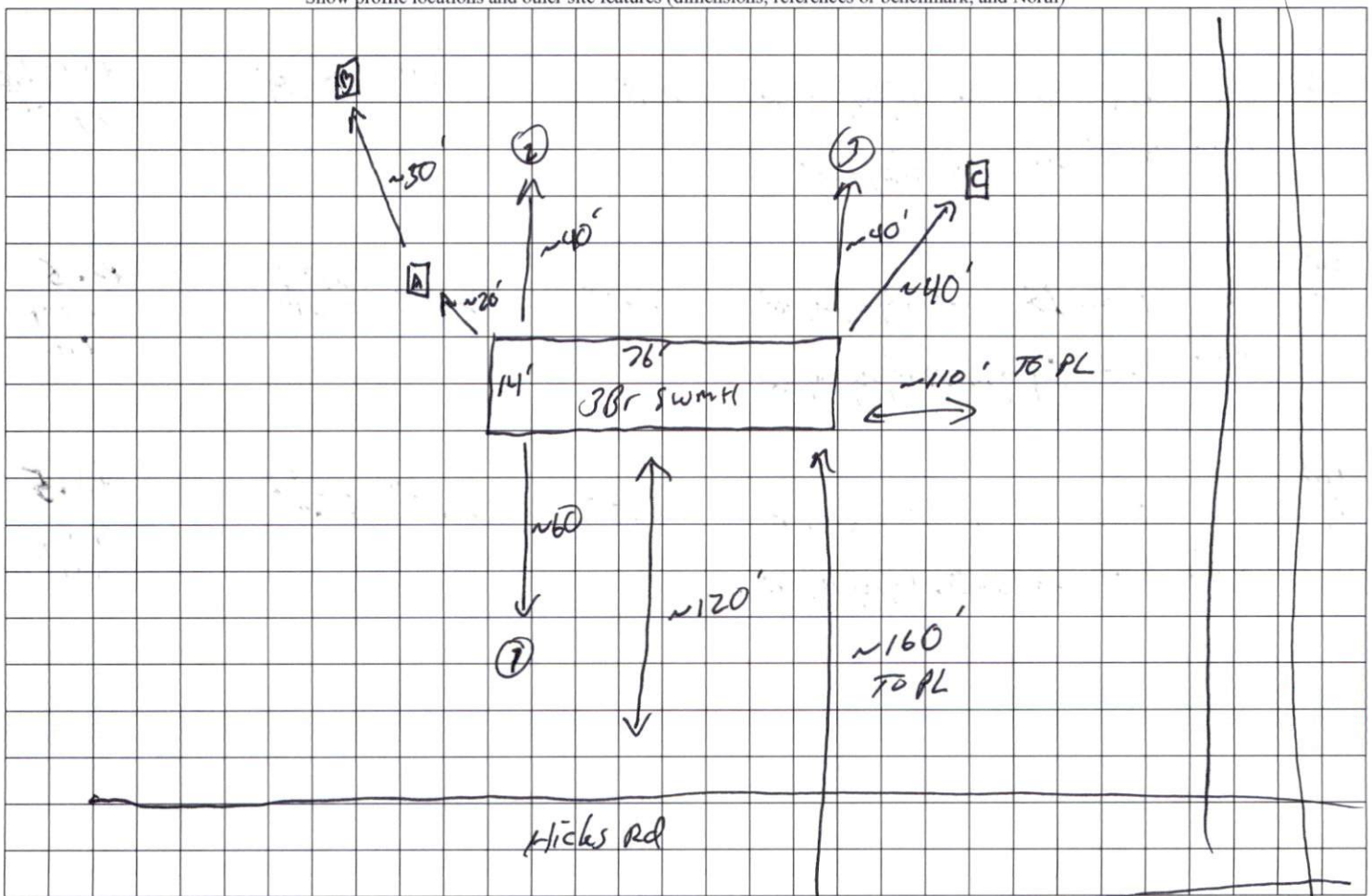
STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

○ = Augerholes
 □ = PITS

6:30 '21
 Need Irons + PITS
 ↳ separate

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



↖ EIP

↖ EIP