

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: *David Cowman*
 Applicant:
 Address: *15650 NC 27 W*
 Proposed Facility: *SFD*
 Location of Site:

Date Evaluated: *5-20-21*
 Design Flow (.1949): *480 GPD*
 Property Recorded:

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	0-8	LS (A) Gr	Ff/ls/np/xd	10YR 7/2 ≥	>48"	—	—	PS.3 Group IV
	2-5%	8-12	SIL Gr	Ff/ss/sp/xd	36"				
		12-18	SIC SBK	Ff/ss/sp/xd					
3,4	L	0-8	LS (A) Gr	Ff/ls/np/xd	36"	48"	—	Buried rd	PS.3
5	2-5%	8-12	SIL Gr	Ff/ss/sp/xd	10YR 7/2 ≥	>48"		brick in Area	Group IV
		12-24	SIC SBK	Ff/ss/sp/xd	32"				

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>M. DeKorn</i> Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	<i>Pump TO 25%</i>	<i>Imp TO 50%</i>	
Site LTAR	<i>.3</i>	<i>.3</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				FI-FIRM	S-STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE		L-LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE					SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		P-PLASTIC
CV-CONVEX SLOPE		SIL-SILT LOAM			VP-VERY PLASTIC
T-TERRACE		CL-CLAY LOAM			
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

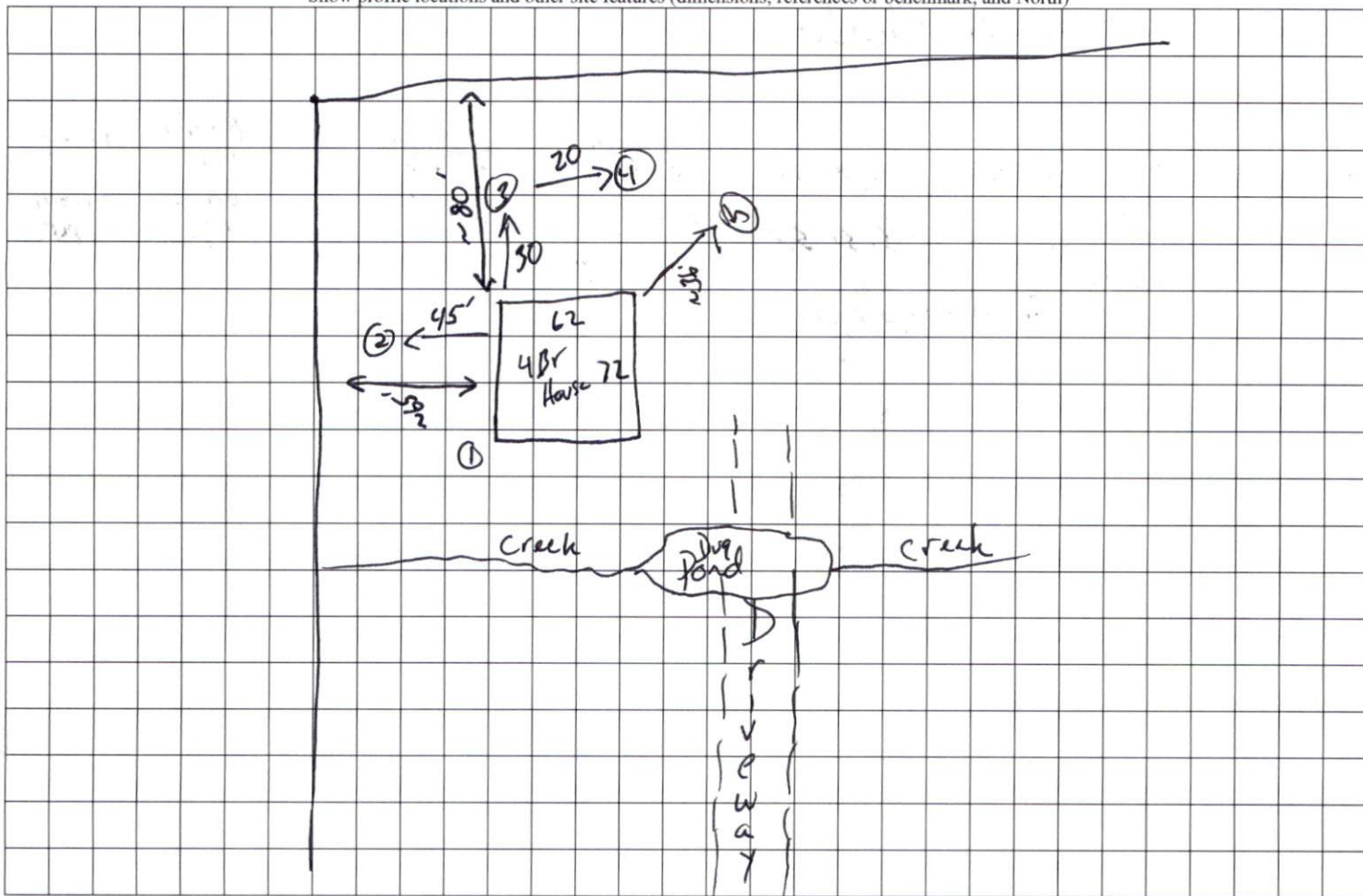
STRUCTURE

- 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)



1 ↓ 1
 40 NC
 27'
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