

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

Owner: Applicant: *Caston Construction Company*  
 Address: *11 Keith Weathers Rd* Date Evaluated: *12-29-23*  
 Proposed Facility: *SFD 65x54'* Design Flow (.1949): *360* 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	2-3% LS	0-10	SL, gr	F <sub>0</sub> , NS, NP, SE					
		10-27	SCL, SBK	F <sub>0</sub> , SS, NP, SE					
		27-48	CL, weak SBK	F <sub>0</sub> , SS, NP, SE	7.5YR 5/8 5/2 = out 27"	48"		.3	
2,5	2-3% LS	0-10	SL, gr	F <sub>0</sub> , NS, NP, SE					
		10-29	SCL, SBK	F <sub>0</sub> , SS, NP, SE					
		29-48	CL, weak SBK	F <sub>0</sub> , SS, NP, SE	7.5YR 5/8 5/2 = out 20"	48"		.3	
3,4	3-4% LS	0-10	SL, gr	F <sub>0</sub> , NS, NP, SE					
		10-24	SCL, SBK	F <sub>0</sub> , SS, NP, SE					
		24-48	CL, weak SBK	F <sub>0</sub> , SS, NP, SE	7.5YR 5/8 5/2 = out 24"	48"		.3	
6,7	2-3% LS	0-20	SL, gr	F <sub>0</sub> , NS, NP, SE					
		20-36	SCL, SBK	F <sub>0</sub> , SS, NP, SE					
		36-48	CL, weak SBK	F <sub>0</sub> , SS, NP, SE	7.5YR 5/8 5/2 = out 36"	48"		.3	

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>RL/JM</i> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<i>15% Red</i>	<i>25% Red</i>	
Site LTAR	<i>.2</i>	<i>.3</i>	

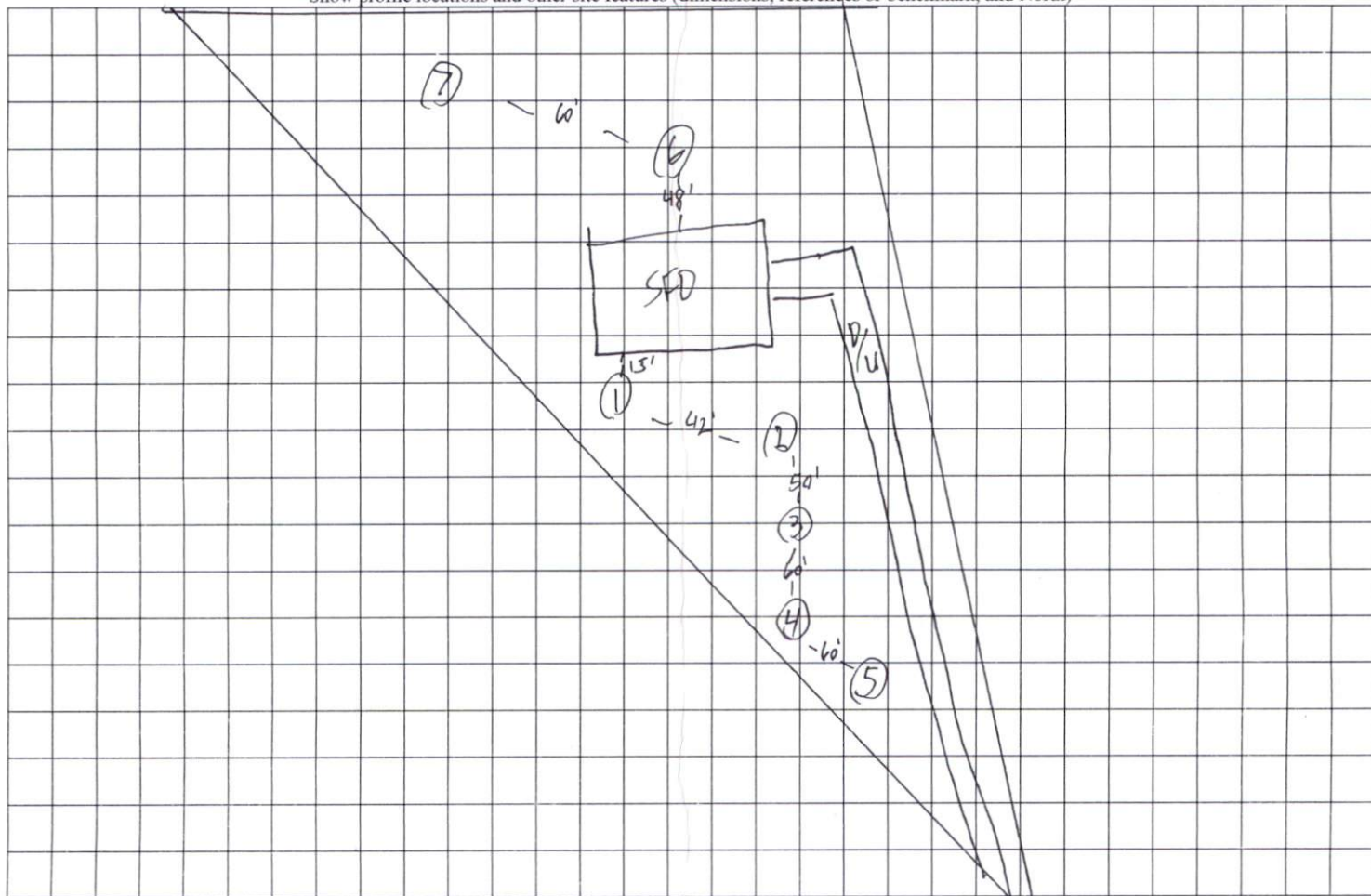
COMMENTS: \_\_\_\_\_

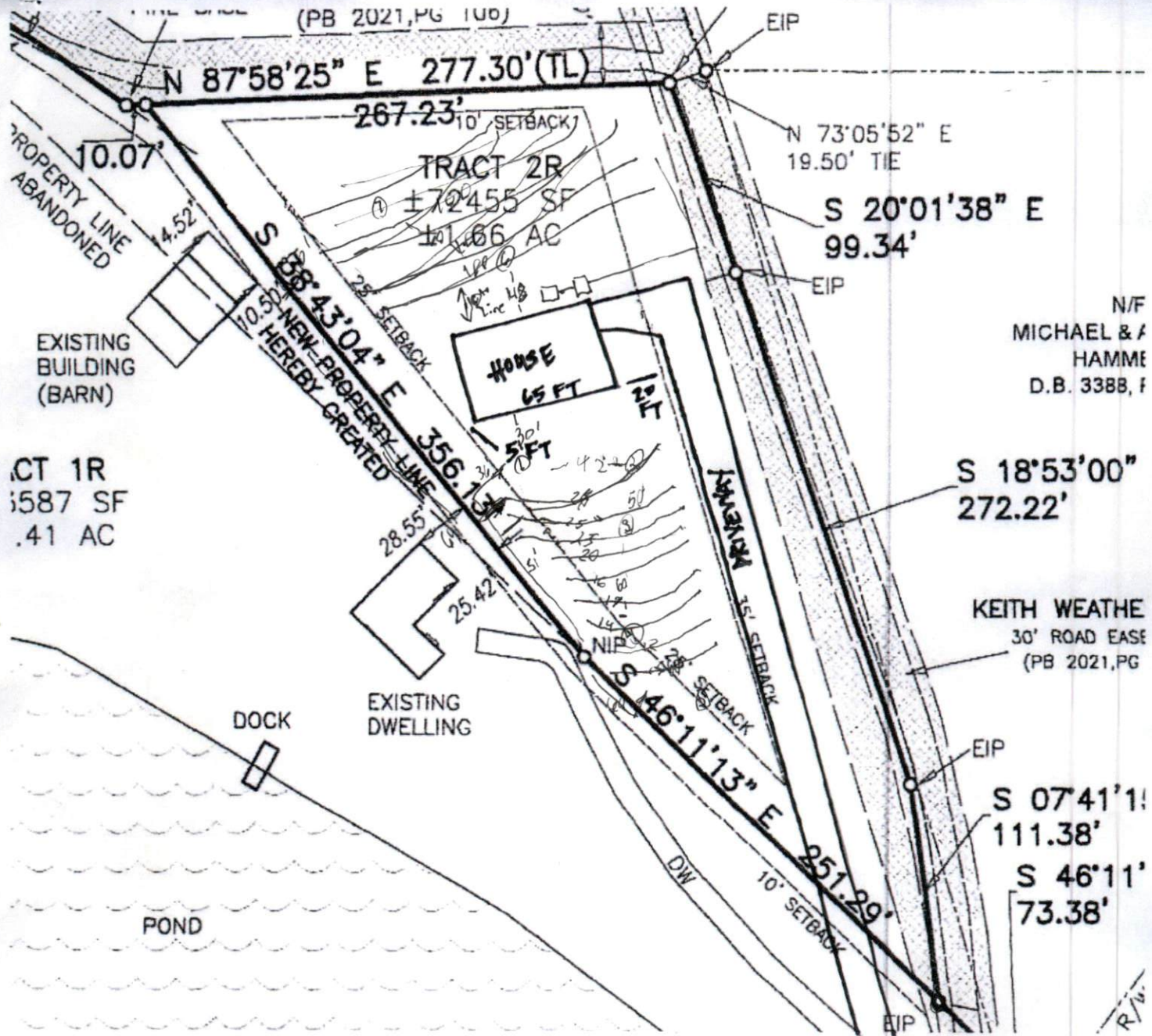
LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3		P-PLASTIC VP-VERY PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
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

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





PLAT MAP

- FRONT - 35(H) FT
- LEFT SIDE - 30 FT
- RIGHT SIDE - 55 FT
- REAR - 30 (+) FT