

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

Owner: *Southern Built* Applicant:  
 Address: *1062 Old US421*  
 Proposed Facility: *SFD*

Date Evaluated: *9-30-21*  
 Design Flow (.1949): *360 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 Witness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L	0-14	LS Gr	Fr/ls/pe/np	10YR 7/1	>48"	—	—	PS-4
	2-5%	14-48	SCI SBk	Fi/SS/SP/SP	≥ 36"				Group III
2	L	0-12	LS Gr	Fr/ls/pe/np	10YR 7/1	>48"	—	—	PS-4
	2-5%	12-48	SCI SBk	Fi/SS/SP/SP	≥ 30"				Group III
3	L	0-4	LS Gr	Fr/ls/pe/np	10YR 6/2	>48"	—	—	PS-4
	2-5%	4-48	SCI SBk	Fi/SS/SP/SP	≥ 24"				Group III
					(Repair to have cover brought in)				

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>258 rd</i>	<i>258 rd</i>	Evaluated By: <i>Mh RETTS</i>
Site LTAR	<i>.4</i>	<i>.4</i>	Others Present:

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

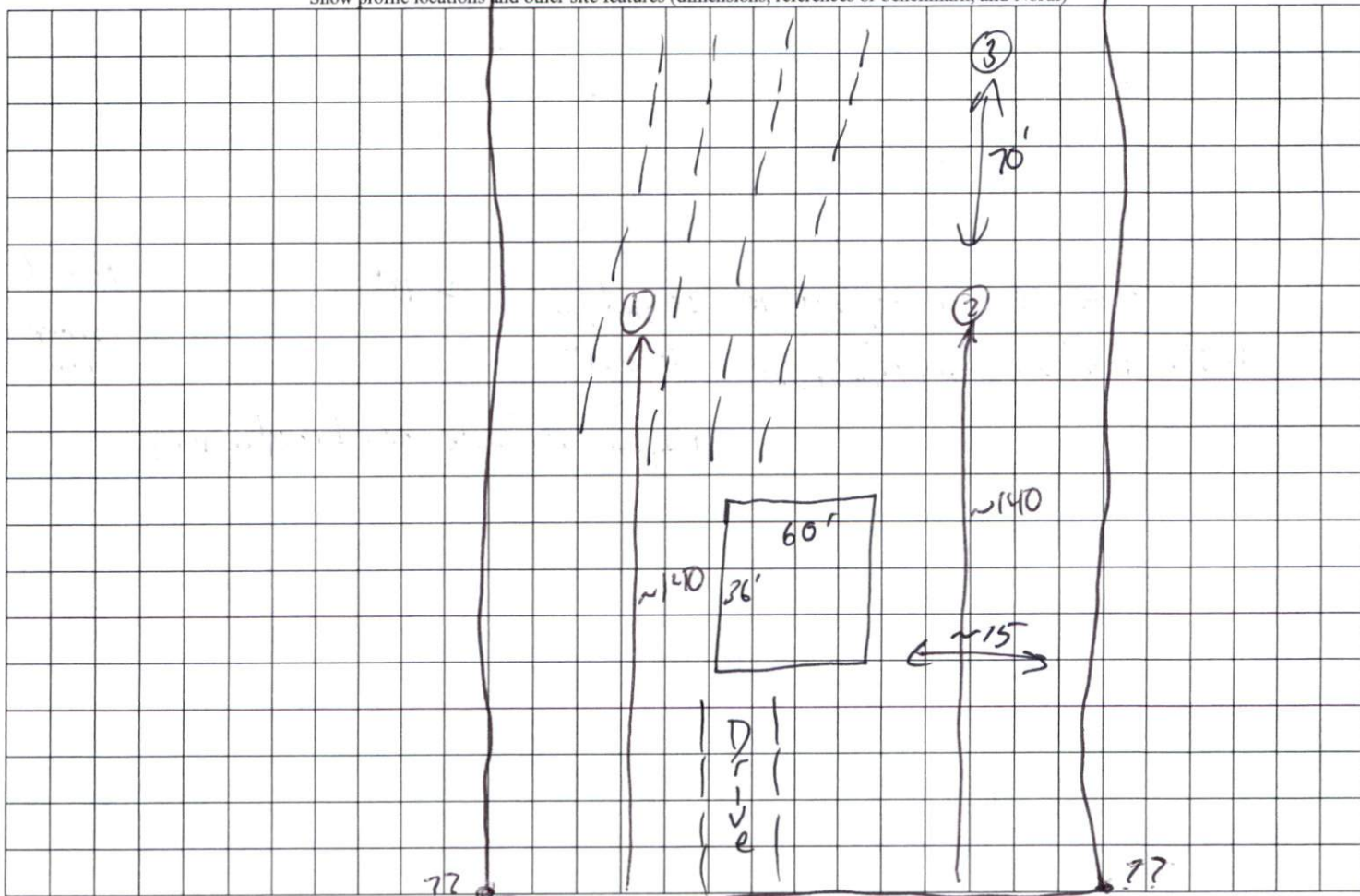
LANDSCAPE POSITIONS	GROUP	TEXTURES	1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE 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

*9-30-21*  
*Need EROSION*  
*Need House Status*  
*Need Property Lines*

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



old 421