

FD2012-0042

SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM

Owner: *Weaver* Applicant:
 Address: *6509 Old US 421*
 Proposed Facility: *FD*
 Location of Site: *FD*

Date Evaluated: *1-19-21*
 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 Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
<i>1-3</i>		<i>0-8</i>	<i>LS(A)Gr</i>		<i>10YR 7/10 36"</i>	<i>>48"</i>	<i>-</i>	<i>-</i>	<i>PS-3</i>
		<i>8-16</i>	<i>SL Gr</i>						<i>Group III</i>
		<i>16-48</i>	<i>SCL Spk</i>						
<i>2-4</i>		<i>0-10</i>	<i>LS(D)Gr</i>		<i>10YR 7/10 30"</i>	<i>>48"</i>	<i>-</i>	<i>-</i>	<i>PS-3</i>
		<i>10-16</i>	<i>SL Gr</i>						<i>Group III</i>
		<i>16-48</i>	<i>SCL Spk</i>						

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: Others Present:
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>258 120</i>	<i>258 120</i>	
Site LTAR	<i>.3</i>	<i>.3</i>	

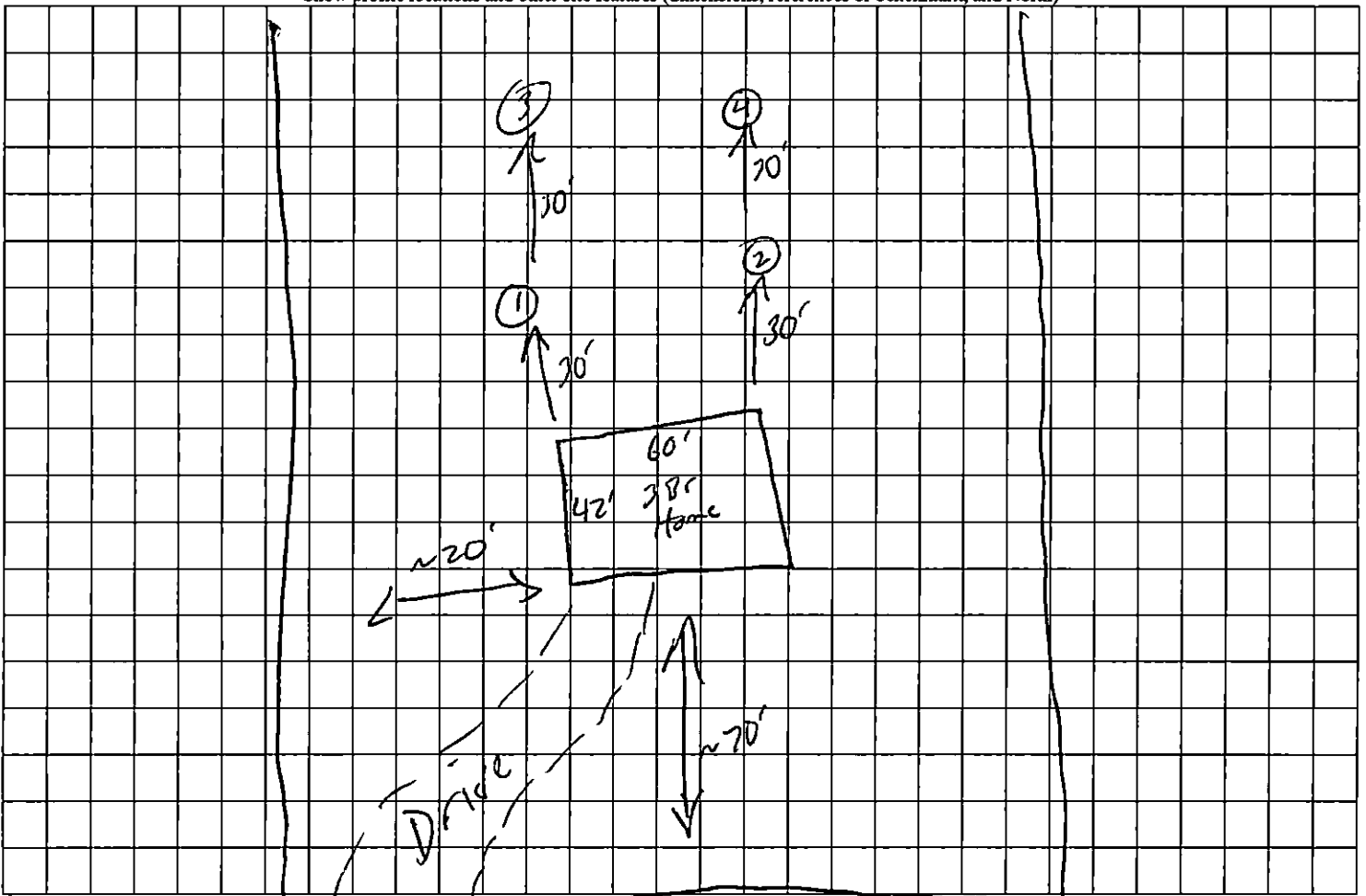
COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE 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, references or benchmark, and North)



old US 421