nent of Environment, Health and Natural Resources
Environmental Health
Wastewater Section

Sheet:
Property ID:
Lot #:
File #:
Code: BNES1811-0022

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: — Applicant: Cornell Powell Jr.
Address: US 401 N Date Evaluated: 11/29/2018
Proposed Facility: 3BR MOD Design Flow (.1949): 360GPD 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

PROFILE #	.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 2-3%	0-24	GR LS	VFR WSNP					PS
		24-40	BR SCL	FR SSSP	7.5YR 7/1 @ 38"	40			0.4
2,3,5	L 2-3%	0-18	GR LS	VFR WSNP					PS
		18-42	BR SCL	FR SSSP	7.5YR 7/1 @ 40"	42			0.4
4,6	L 2-3%	0-12	GR LS	VFR WSNP					0/PS
		12-32	BR SCL	FR S P	7.6YR 7/1 @ 28"	32			0.35

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25% red	At-Grade
Site LTAR	0.4	0.35

Other Factors (.1946):
Site Classification (.1948): Provisionally Suitable
Evaluated By: Andrew Cummings
Others Present:

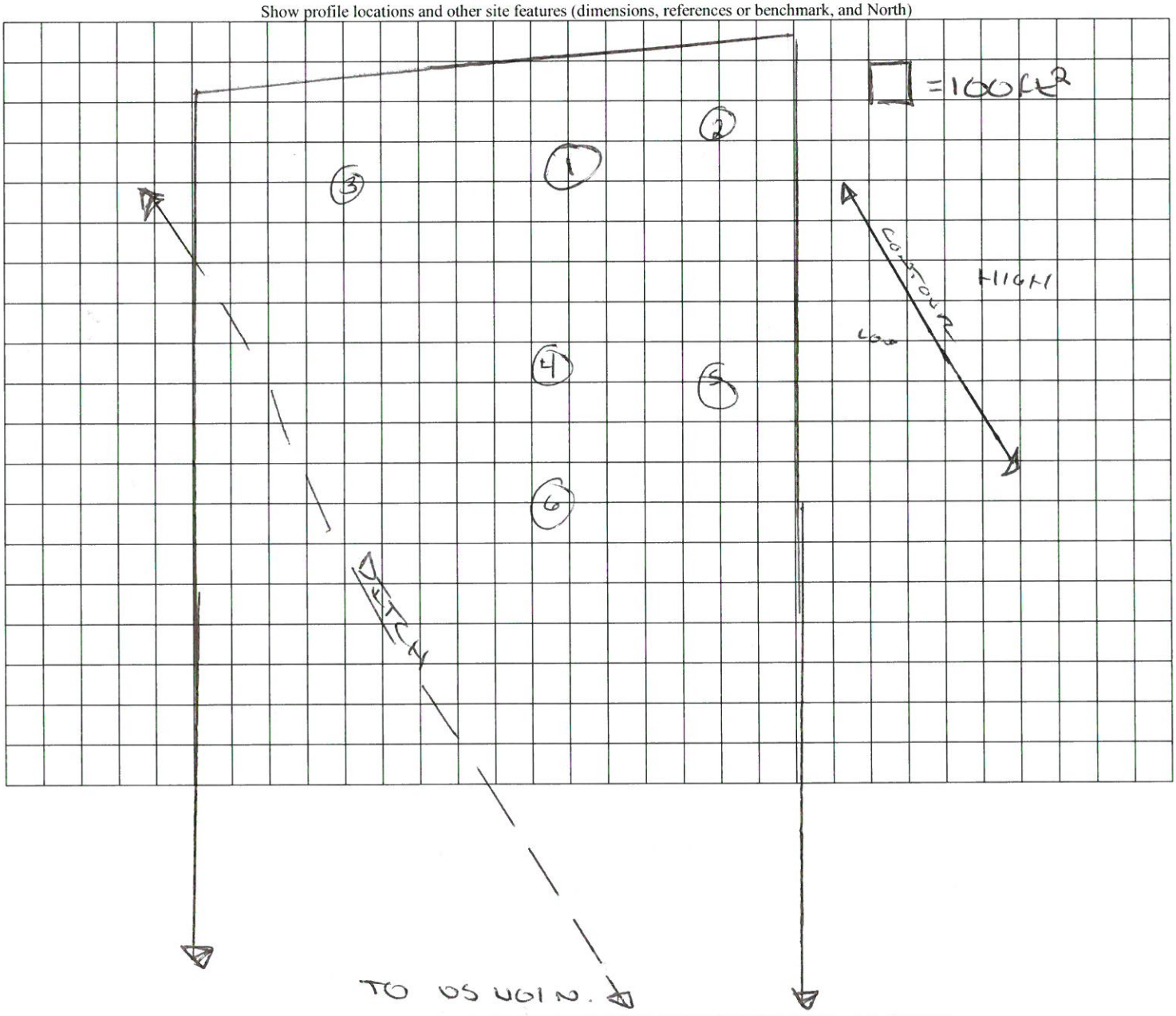
FILE #

COMMENTS: _____

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