COMMENTS: _____

LEGEND

use the following standard abbreviations

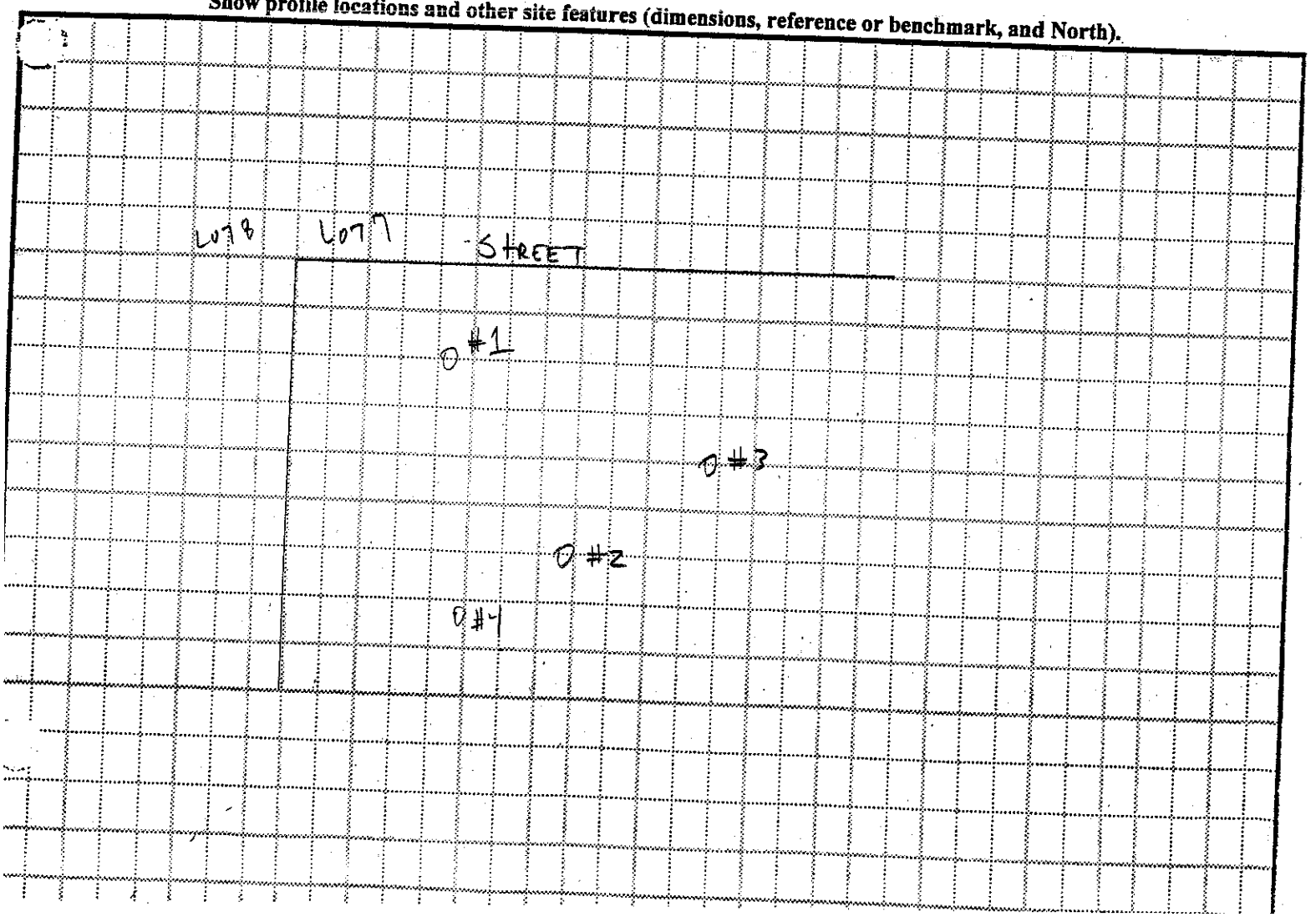
LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	HI	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05	MOIST VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	WET NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None			

NOTES

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable)
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.
Long-term Acceptance Rate (LTAR): gal/day/ft²

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



DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: IRD
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jim Rizzo
APPLICANT: Jim Rizzo
ADDRESS: Calloway Hill, Davidson NC.
APPLICATION DATE: 2/20/06
DATE EVALUATED: 2/5/06
PROPOSED FACILITY: 3 BR.
PROPOSED DESIGN FLOW (.1949): 360 gpd.
PROPERTY SIZE: 1.92 Ac.
LOCATION OF SITE: CREEKS Edge S.D. LOT 7
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 4% Initial Area	0-27	R. Clay SBK	F→fri SS/SP SEXP	Few Y-Bs Dr. Mottles	48"	—	—	.25
		27-48	RYell. Clay ABK	Fim S/P SEXP					
2	L 8% REPAIR AREA	0-23	R. Clay SBK	F→fri S/P SEXP	Few YBs Dr. Mottles	32"	—	—	.2
		23-32	RYell Clay ABK	Fim S/P					
		@32	Chr 2						
3	L 6% Just below Initial	19-48	R. Clay SBK	F→fri SS/P SEXP	—	48"	—	—	.3
4	L 4% Below Repair OFF-SITE	0-22	R. Clay SBK	F→fri SS/SP SEXP	Y-Bs/Drain ax	28"	—	—	.2
		22-27	RYell Clay ABK	Fim S/P SEXP					
		@27	Chr 2						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	720 ft²	1350 ft²
System Type(s)	LPPPBPS	SHALLOW CONV.
Site LTAR	.25	.2

OTHER FACTORS (.1946): 3' wide Trench for Initial
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: M. Athens
OTHER(S) PRESENT: