DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

117364
4730-64-6301

OWNER: JOSE DIAZ APPLICANT: SAME
ADDRESS: 104 PERTHWOOD DR TOWNSVILLE, NC 27586 APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: GARAGE PROPOSED DESIGN FLOW (.1949): 100 PROPERTY SIZE: 1.53 AC
LOCATION OF SITE: PERTHWOOD LOT 10 PROPERTY RECORDED: YES
WATER SUPPLY: ☒ Private ☐ Public ☒ 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) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
1	3% L	0-6"	sl wk gr	fr ns np ms p					PS .3
		6-30"	c med sbk	fi s p scp					
		30-48"	SL wk gr	fr ss sp scp					
2	3% L	0-6"	sl wk gr	fr ns np ms p					PS .3
		6-48"	c med sbk	fr s p scp					
3	3% L	0-12"	sel wk gr	fr ns np ms p	-7 BLACK MOTTLES STARTS				PS .2
		12-48"	c med sbk	fi s p scp					
4	HOME	REPAIR AUGER HOLE							PS .3
		0-6"	sl wk gr	fr ns np ms p					
		6-30"	c med sbk	fi s p scp					
		30-48"	SL wk gr	fr ss sp scp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	CONV GRAV	LP PAVER
Site LTAR	.3	.2

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ~~PS~~ PS
EVALUATED BY: L. COOK
OTHER(S) PRESENT: J. DIAZ & SONS

LEGEND

use the following standard abbreviations

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

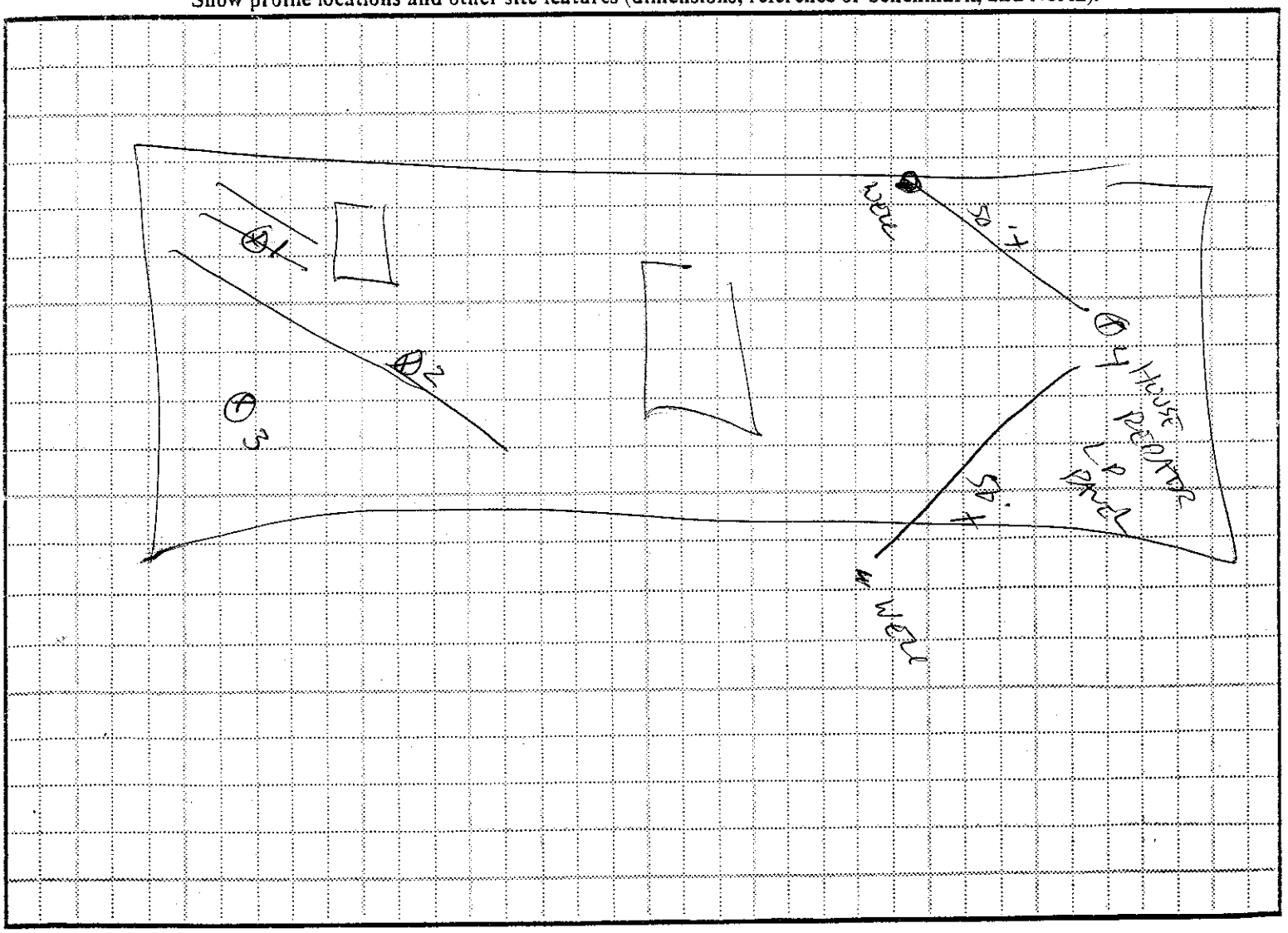
NOTES

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/ft^2

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



JAN. 1, 1989 0:13

HEALTH, & NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY I.D #:
PROPERTY RECORDED
COUNTY: Iredell

SOIL/SITE EVALUATION
FOR
ON-SITE WASTEWATER SYSTEM

APPLICANT: Grady Hall Estates OWNER: AGENT: PHONE:
ADDRESS: APPLICATION DATE: DATE EVALUATED: 5-16-91
PROPOSED FACILITY: 3 Bedroom House
PROPERTY SIZE:
LOCATION OF SITE: Northwest SR 1167 Lot # 16
WATER SUPPLY: On Site Well ✓ Comm. Well Public Other EVAL. METHOD: Auger Boring ✓ Pit Cut

PROFILE #	LANDSCP POS SLOPE %	HORIZON DEPTH (IN)	1941 (a)(1) TEXTURE	1941 (a)(2) STRUCTURE	1941 (a)(3) MINEROLOGY	
1	3 2% C	0-9"	cl	gr	vfr	1942 WETNESS CONDITION - PS - Manganese relic mottling
		9"-48"	C	Abk	fr	1943/1956 SAPROLITE - NA
						1944 RESTRICTIVE HORIZON - NA
						1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .25
2	1-5% C	0-5"	cl	gr	vfr	1942 WETNESS CONDITION PS - Manganese relic mottling
		5"-48"	C	Abk	fr	1943/1956 SAPROLITE - NA
						1944 RESTRICTIVE HORIZON - NA
						1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .25
3	3 5% C	0-3"	cl	gr	vfr	1942 WETNESS CONDITION PS - Manganese relic mottling
		3"-48"	C	Abk	fr	1943/1956 SAPROLITE - NA
						1944 RESTRICTIVE HORIZON - NA
						1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .25
4	2-4% L	0-5"	cl	gr	vfr	1942 WETNESS CONDITION - S
		5"-38"	C	Abk	fr	1943/1956 SAPROLITE - @ 38" PS
		38"-48"	C/sap	Abk/m	fr	1944 RESTRICTIVE HORIZON - NA
						1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .5
5	≥ 4% C	0-7"	cl	gr	vfr	1942 WETNESS CONDITION - S
		7"-42"	C	Abk	fr	1943/1956 SAPROLITE - 42" PS
		42"-48"	sap	Abk/m	fr	1944 RESTRICTIVE HORIZON - NA
						1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .3

AVAILABLE SPACE (1945): S SITE CLASSIFICATION (1948): PS SITE LONG-TERM ACCEPTANCE RATE: .25 gpd/ft²
OTHER FACTORS (1946) SYSTEM TYPE
EVALUATED BY: Mitchell Ramsey OTHER(S) PRESENT: J.C. Moore
COMMENTS

DRAFT