EPARTMENT OF ENVIRONMENT,
EALTH, & NATURAL RESOURCES
VISION OF ENVIRONMENTAL HEALTH

SHEET 1 OF 2
PROPERTY I.D.#:
PROPERTY RECORDED:
COUNTY:

SOIL/SITE EVALUATION
FOR
ON-SITE WASTEWATER SYSTEM

PLICANT: OWNER: AGENT: PHONE:
DDRESS: APPLICATION DATE: DATE EVALUATED: 08/09/97
PROPOSED FACILITY:
PROPERTY SIZE:
OCATION OF SITE: Lot 7 Riverwalk Subd. Sect 8.
ATER SUPPLY: On-Site Well ✓ Comm. Well Public Other EVAL. METHOD: Auger Boring ✓ Pit Cut

PROFILE	.1940 LANDSCP POS. (%)	HORIZON DEPTH (IN.)	.1941 STRUCTURE/TEXTURE	.1941 MINERALOGY/ CONSISTENCE	.1942 WETNESS COND.	.1944 RESTRICT HORIZONS	.1948 CLASS OF HORIZ	1943/ 1956 SAPRLT CLASS.	HORIZON LTAR
1	L 22%	0-14	C	FI SE			IV		U. DRIP IRRIGATION .1
		14-27	C+S	FR SE			IV		
		27"	SAP						
2	L 22%	0-4	CL	FR SE			III		.275
		4-14	C	FR SE			IV		
		14-42	C+S	FR SE			IV		
		42"	SAP + WEATHERED ROCK						
3	L 18%	0-12	L	FR SE			II		.325
		12-26	C	FR SE			IV		
		26-45	C+S	FR SE			IV		
		45"	SAP						
4	L 20%	0-25	C	FR SE			IV		.300
		25-41	C+S	FR SE			IV		
		41"	SAP						
5	S 11%	0-23	C	FI SE			IV		.275
		23-37	C+S	FR SE			IV		
		37"	SAP						

VAILABLE SPACE (.1945) S SITE CLASSIFICATION (.1948): P.S. SITE LONG-TERM ACCEPTANCE RATE: INITIAL .300
REPAIR .275
VALUATED BY: RAB, DGD OTHER(S) PRESENT:
OMMENTS: #2 AVAIL. SPACE "U"

EPARTMENT OF ENVIRONMENT,
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SHEET 2 OF 2
PROPERTY I.D.#:
PROPERTY RECORDED:
COUNTY:

SOIL/SITE EVALUATION
FOR
ON-SITE WASTEWATER SYSTEM

PLICANT: OWNER: AGENT: PHONE:
DDRESS: APPLICATION DATE: DATE EVALUATED: 08/09/97
PROPOSED FACILITY:
PROPERTY SIZE:
OCATION OF SITE: LOT 7 SECT 8 RIVERWALK Subd.
ATER SUPPLY: On-Site Well ✓ Comm. Well Public Other EVAL. METHOD: Auger Boring ✓ Pit Cut

PROFILE #	.1940 LANDSCP POS. (%)	HORIZON DEPTH (IN.)	.1941 STRUCTURE/TEXTURE	.1941 MINERALOGY/ CONSISTENCE	.1942 WETNESS COND.	.1944 RESTRICT HORIZONS	.1948 CLASS OF HORIZ	1943/ 1956 SAPRLT CLASS.	HORIZON LTAR
6	L 17%	0-5	L	FR SE			II III IV IV		.350
		5-14	CL	FR SE					
		14-42	C	Fi SE					
		42-48	C+S	FR SE					
7	L 7	0-10	L	fr SE					—
		10-20	cl	fr SE					
		20"	Hit a Rock						
3									
4									
5									

AILABLE SPACE (.1945) 5 SITE CLASSIFICATION (.1948): PS SITE LONG-TERM ACCEPTANCE RATE: INITIAL - .300
VALUATED BY: RAB, DGD OTHER(S) PRESENT: REPAIR - .275
OMMENTS: Pump To MANIFold, (8) 50' Trenches
Remove vegetation AS needed * INSTALL SURFACE DIVERSION

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

Sheet 1 of 2
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Darryl Brown
ADDRESS:
APPLICATION DATE 05/22/06
DATE EVALUATED: 05/22-23/06
PROPOSED FACILITY: 3 BR SFD
PROPOSED DESIGN FLOW (.1949): 760 GPD
PROPERTY SIZE: 5.118 Ac
LOCATION OF SITE: LOT #7 Riverwalk S/D
PROPERTY RECORDED:
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L/S ~14%	0-4	SBK, L	Vfr, NS, NP, Nexp	N/A	20"	? NEED PITS	N/A	US * NEED PITS
		4-30	CL + SAP MIX (≤50% SAP)						
		20+	SAP						
2	S ~15%	0-3	SBK, L	Vfr, NS, NP, Nexp	N/A	31"	? NEED PITS	31"	PS 0.30 (@ 20" Trench Depth)
		3-31	C + SAP MIX (≤50% SAP)						
		31+	SAP						
3	L ~10%	0-2	SBK, L	Vfr, NS, NP, Nexp	N/A	43"	? NEED PITS	43"	PS 0.30 (@ 31" Trench Depth)
		2-38	W, M, SBK, C	Fr, SS, SP, Sexp					
		38-43	C w SAP MIX (≤50% SAP)						
		43-48	SAP + C MIX (≥50% SAP)						
4	L ~12%	0-4	SBK, L	VFr, NS, NP, Nexp	N/A	47"	? NEED PITS	47"	PS 0.30 (@ 35" Trench Depth)
		4-36	W, M, SBK, C	Fr, SS, SP, Sexp					
		36-47	C + SAP MIX (≤50% SAP)						
		47-48	SAP MIX (≥50% SAP)						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1,200 FT²	>1,200 FT²
System Type(s)	Grav, 50% Redn	Grav/Pump 25% or 50%
Site LTAR	0.30	0.30

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: P. Mitchell
OTHER(S) PRESENT:

COMMENTS:

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)		SiL (Silt Loam)				
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)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

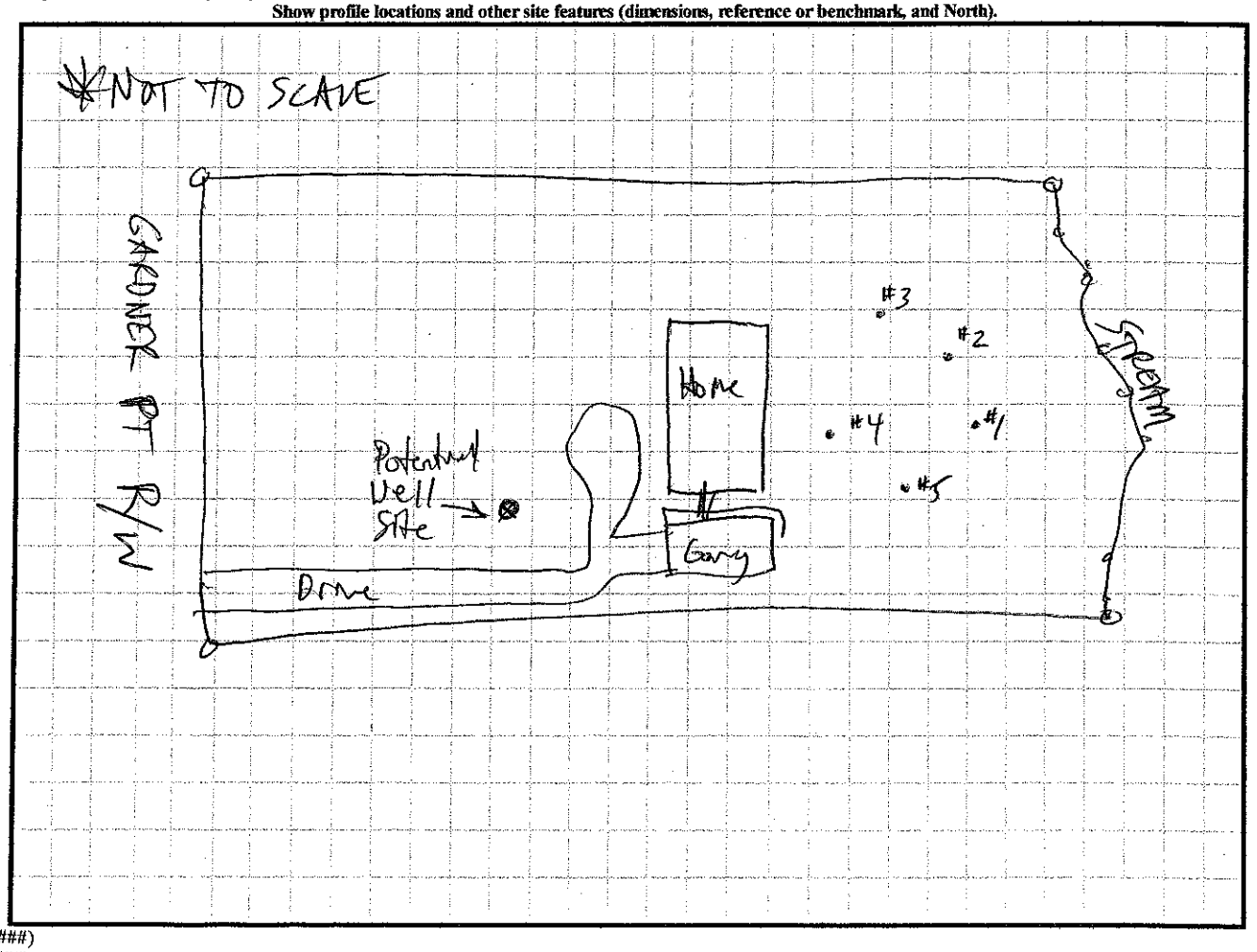
NOTES

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).



DENR (######)

Review (#####)

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

Sheet 2 of 2
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: SEE SHEET #1 APPLICATION DATE
ADDRESS: DATE EVALUATED:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949): PROPERTY SIZE:
LOCATION OF SITE: PROPERTY RECORDED:
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	PROFILE CLASS & LTAR
5	L ~12%	0-3	SBK, L	Vfr, NS, NP, Mexr	N/A	44"	? NEED PITS	44"	PS 0.30 (@ 32" Trench Depth)
		3-36	W/M, SBK, C	Fr, SS, SP, SeXP					
		36-44	C + SAP MIX	(<50% SAP)					
		44-48	SAP MIX	(≥50% SAP)					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)	SEE SHEET #1	
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:
SEE SHEET #1

COMMENTS:

LEGEND

use the following standard abbreviations

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	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
EFI (Extremely Firm)	NP (Non-plastic)
	SP (Slightly Plastic)
	P (Plastic)
	VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

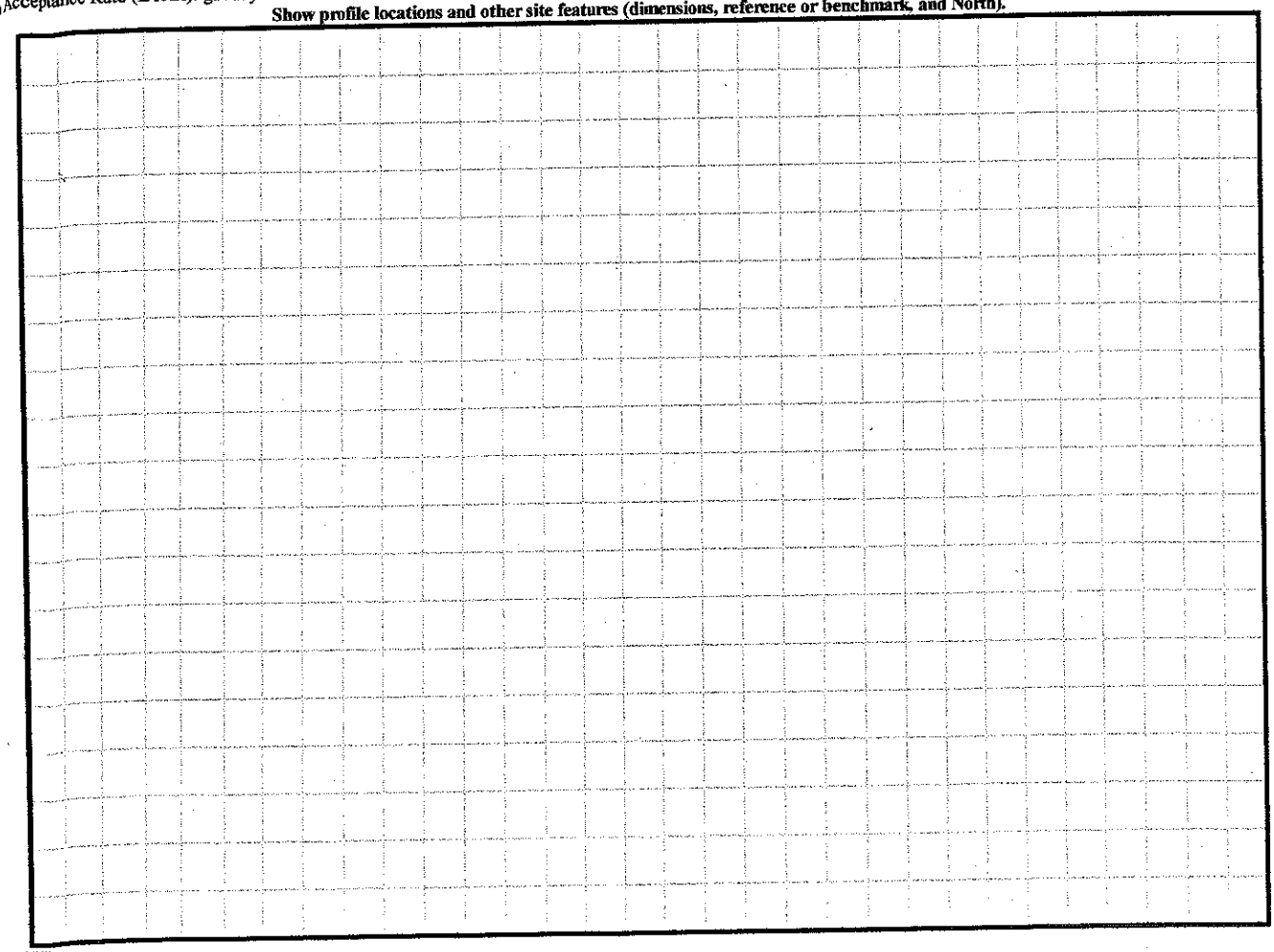
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
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CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

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Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



DEN(#####)
Lev(#####)