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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Marc Kluegen
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: SFR / Sys Expansion PROPOSED DESIGN FLOW (.1949): 480gpd DATE EVALUATED: 5-5-26
LOCATION OF SITE: Scotsman Dr. off Hoover Rd PROPERTY SIZE: _____
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other 1 Bedroom expansion + stapt PROPERTY RECORDED: _____
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	3-4% L	0-10	wk sbk brn sdl	fr sss sp					o 3
		10-32	sbk red c	fr s sp sep					
		32-48	wk sbk gyc cl	+SAP fr sss sp					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR	.3	

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
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.

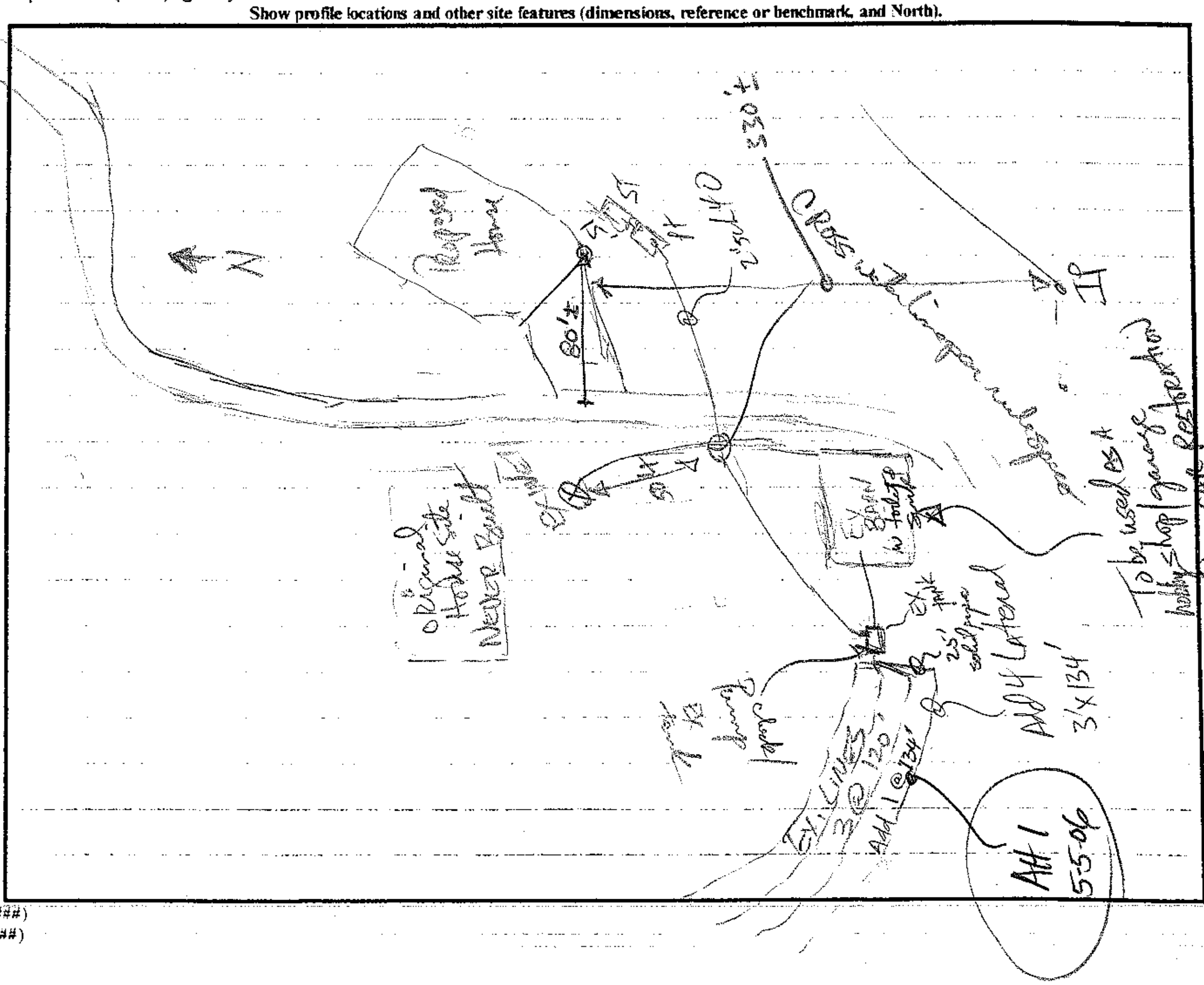
NOTES

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,
HEALTH & NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

DRAFT

SHEET ____ OF ____

PROPERTY I.D.#: _____
DATE: _____
COUNTY: _____

SOIL SITE EVALUATION FOR
ON-SITE WASTEWATER SYSTEM

APPLICANT: Darrell Brown
ADDRESS: _____

OWNER___AGENT:___PHONE: _____
APPLICATION DATE: _____ DATE EVALUATED _____
PROPOSED FACILITY: _____
PROPERTY SIZE: _____

LOCATION OF SITE: Hoover Rd
WATER SUPPLY: On-site Well____Comm. Well____Public____Other_____EVAL. METHOD: Auger Boring___Pit___Cut___

PROFILE #	.1940 LANDSCP POS./ SLOPE(%)	HORIZON DEPTH (IN.)	.1941 (a)(1) TEXTURE	.1941 a)(2) STRUCTURE	.1941 (a)(3) MINEROLOGY	MATRIX COLOR	MOTTLE COLOR	OTHER PROFILE FACTORS
1		0 to 12	L	GR				.1942 Wetness Cond. - N/A
		12 to 48	C	SBK	1:1			.1943 Depth/.1956 Sapr. - N/A
	Lower 1/3 H10							.1944 Restrictive Hori. - N/A
								.1948 Profile Class. - P5
								Profile LTAR - .35
2		0 to 10	L	GR				.1942 Wetness Cond. - N/A
	linear	10 to 48	C	SBK	1:1			.1943 Depth/.1956 Sapr. - N/A
	H10							.1944 Restrictive Hori. - N/A
								.1948 Profile Class. - P5
								Profile LTAR - .3
3								.1942 Wetness Cond. -
								.1943 Depth/.1956 Sapr. -
								.1944 Restrictive Hori. -
								.1948 Profile Class. -
								Profile LTAR -
4								.1942 Wetness Cond. -
								.1943 Depth/.1956 Sapr. -
								.1944 Restrictive Hori. -
								.1948 Profile Class. -
								Profile LTAR -

AVAILABLE SPACE (.1945) yes OTHER FACTORS (.1946) _____ SITE CLASSIFICATION (.1948) P5

SYSTEM TYPE Conv. LONG-TERM ACCEPTANCE RATE(S) .35

EVALUATED BY: R. C. Moore OTHER(S) PRESENT: Darrell Brown

COMMENTS: _____

JAN. 5, 1989 2:48