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

Sheet ___ of ___
PROPERTY ID #: 138395
COUNTY: 473064055 3

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Applicant
OWNER: CI Homes
ADDRESS: 3844 Goodson ST Tonnell N 28672
PROPOSED FACILITY: URR House PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: Peerthwood Lot 29

APPLICATION DATE 9-27-06
DATE EVALUATED: 10-19-06
PROPERTY SIZE: 1.51
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	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	12% L PET	0-8"	scl mod gr	fr ns np nep					PS .3
		8-23	c mod wk sbk	fr ss sp sep					
		23-37	c mod wk sbk	fr ss sp sep — 7 sap inclusions < 5%					
		37-60"	loamy saprolite w/ lenses fr ns np nep	< inclusions					
2	12% L PET	0-10"	FILL						PS .3
		10-30"	scl wk gr	fr ss sp sep					
		30-60"	cl wk sbk	fr ss sp sep					
3	L 12% PET	0-3	W,M,gr,SL	VFr,NP,NEXP	N/A	>54"	N/A	N/A	PS 0.30
		3-30	M/W,M,SBK,C	Fr,SP,SEXP					
		30-54	W,M,SBK,CL	Fr,SP,SEXP					
4	8% L Auger	0-8"	scl wk gr	fr ns np nep					PS .3
		8-23"	c mod wk sbk	fr ss sp sep					
		23-37"	c mod sbk	fr ss sp sep — 7 sap inclusions < 5%					
		37-60"	loamy saprolite w/ lenses fr ns np nep	inclusions					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	PRE 83 MAX POSSIBLE
System Type(s)	GRAV 50%	LP 50%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. Cook
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) 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		
	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) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 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)

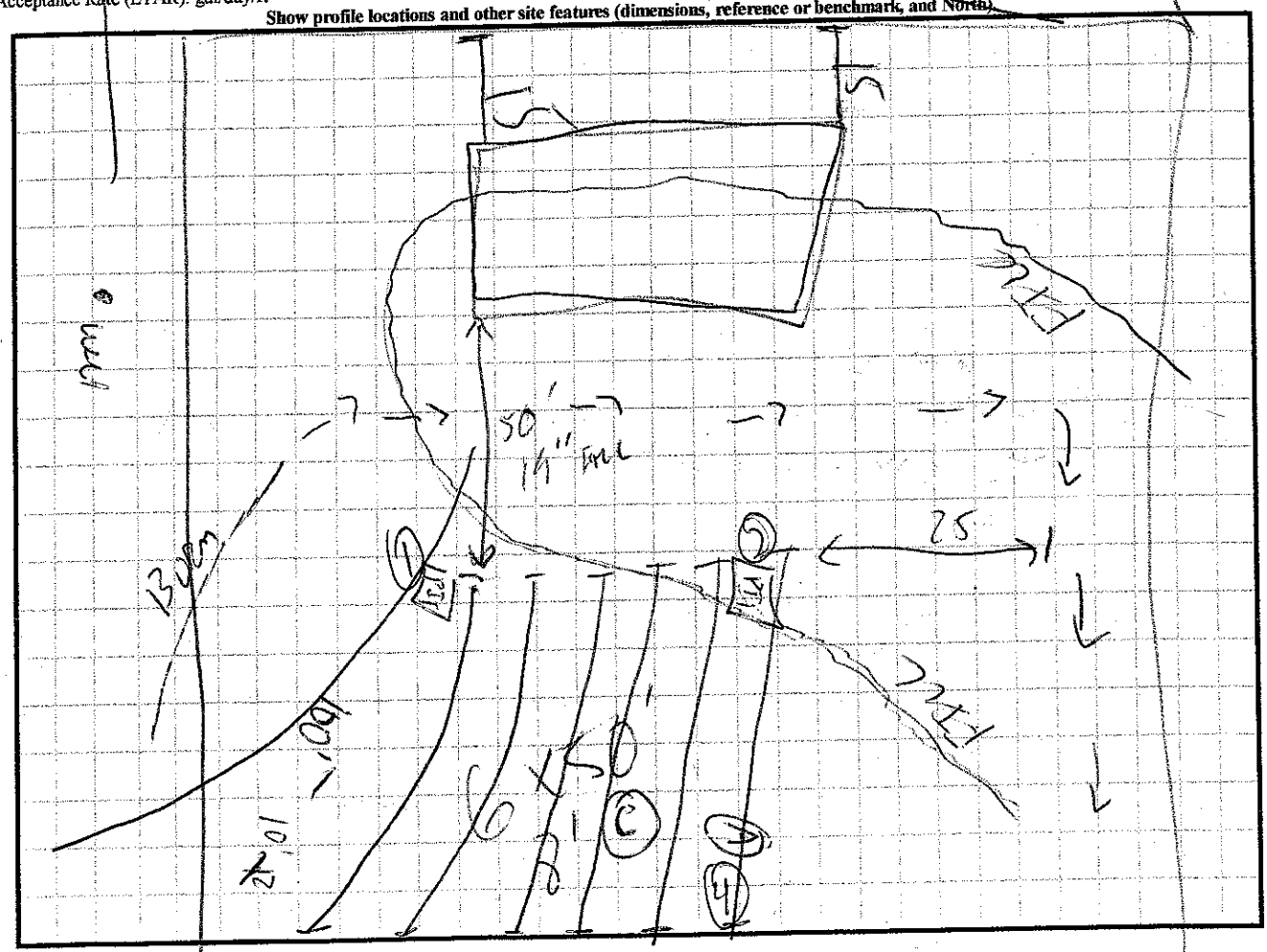
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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
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 (#####)