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

Sheet ___ of ___
PROPERTY ID #: 089298
COUNTY: 47/362/148

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Premier Dwlgs
ADDRESS:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: Hwy 70 W 15/154

APPLICATION DATE
DATE EVALUATED: 11-15-06
PROPERTY SIZE: 1681.65
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	PROFILE CLASS & LTAR
1	L	0-22	W,F,Gr,SCL	VFr,NP,NEXP			35" TB		PS .25
		22-36"	cmd/wk sbk	c Fr sp ss sm					
		36-45	mod/wk sbk	Fr sp ss cl.	gybr brown				
		45-84"	CL sap	Fr w gry & brn & mix					
2	L	0-8"	CL W/ mod sbk	fr sp ss		40"	PS (L)		PS .25
		8-22"	C mod sbk	fr sp ss					
		22-40"	C wk sbk	fr ss sp	sap indurate				
		40-68"	massive	sapolite					
3	H/L	0-18/26	Fill Material			27"	US (CL)	NA	US
		18/26-27	W,M,sbk,C	Fr,sp,sEXP	Gray,Red, Black,Yellow				
		27-58	CL SAP W/ C INCLUS,						
4	L	0-32	wk fi sbk	C fr	L (5)	0-28	SAME AS #4		50% BANK
		32-60"	SL sapolite	loose mass		28-62"			
			PS, 3			PS, 3			

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	PUMP 25%	LPP 50%
Site LTAR	.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY:
OTHER(S) PRESENT: Steve Hedrick, Patricia Mitchell

COMMENTS:

LEGEND

use the following standard abbreviations

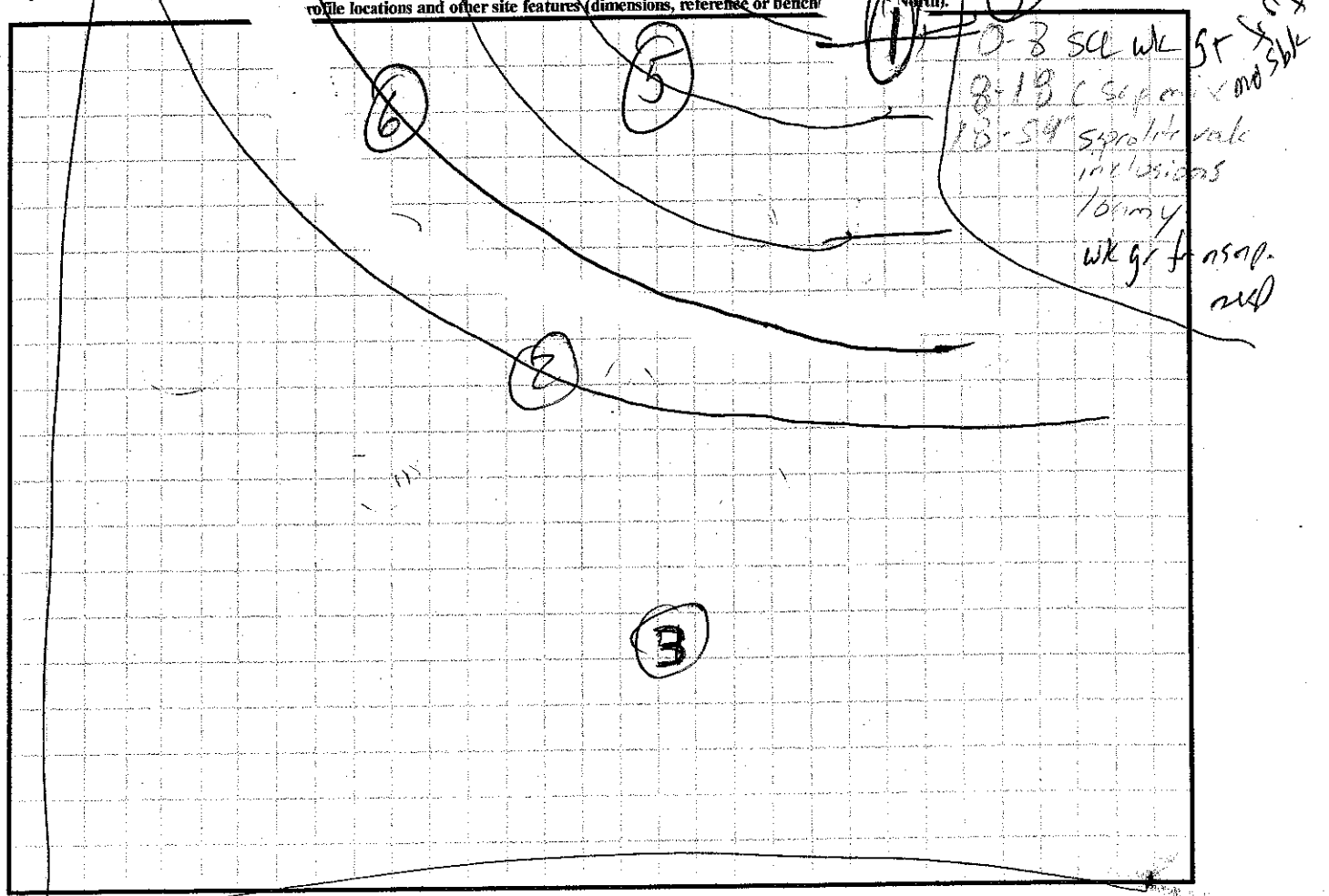
LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	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	**MOIST**	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 None	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) 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.

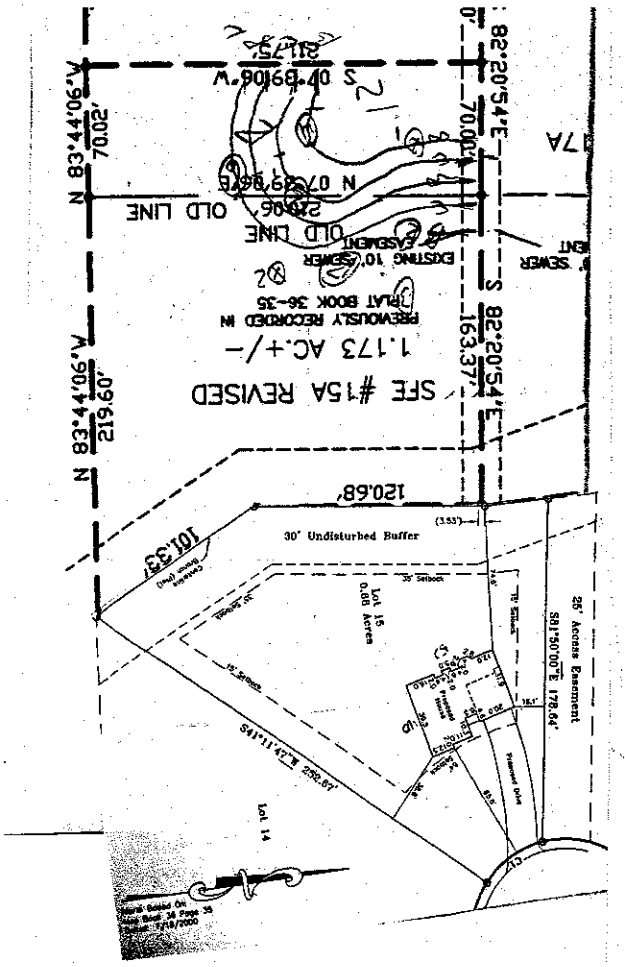
NOTES

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 fr nd surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitabl (Provisionally Suitable), or U (Unsuitable)
Evaluation of saprolite shall be by pits.
Long-term Acceptance Rate (LTAR): gal/day/f

rofile locations and other site features (dimensions, reference or bench (N North).



DENR (######)
Review (#####)



TANICS 83' TO CREEK
4X90 33" TBS
I CUT ROADS BELOW
13 = 110'
W = 135'
13 = 168'
W =