DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION 8-22-04 Most of fill in front yard has been removed (< 12"). Some spots may still have 6"+

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

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

Install Laterals at 36'46

OWNER: ___ APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 8-5-04
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: ___
LOCATION OF SITE: Lot 36 Ph 2 Dobbs Valley PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut (5)+ #5 0-13 cl fill 13-37 wk-sbk yr cl fssssp fsscomp
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed #6 0-22 fill-dk 22-57 dy cl/scl wk fsk fsssso
This site previously had soil stockpiled from road construction

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		0-27	fsandy fill						II .3
		27-53	wk fsk yr cl lfs	fssssp few incl sap					
					probably too much fill				
2		0-28	cl fill						II
		28-57+	massive dy cl/scl sap	fssssp					
3		0-26	wk fsk gr/sbk scl	fssssp	common manganese coatings, few common yp brown mottles				II
		26-46	wk fsk cl	fssssp	" ≤10"+	"	few cl 2		
4		0-6	wk fsk gr/sbk scl	fssssp					.3
		6-18	wk fsk RC	fssssp					
		18-48	wk fsk yr cl	fssssp	common sap/fsap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	RS	RS
System Type(s)	pm 25% Red	pm/LP 25-50% Red
Site LTAR	.3 (front)	.3 (front)

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): II w/ reserved if fill could
EVALUATED BY: reluctantly (RS) D. Hinson, RS
OTHER(S) PRESENT: Bill Hemminger

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)		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)

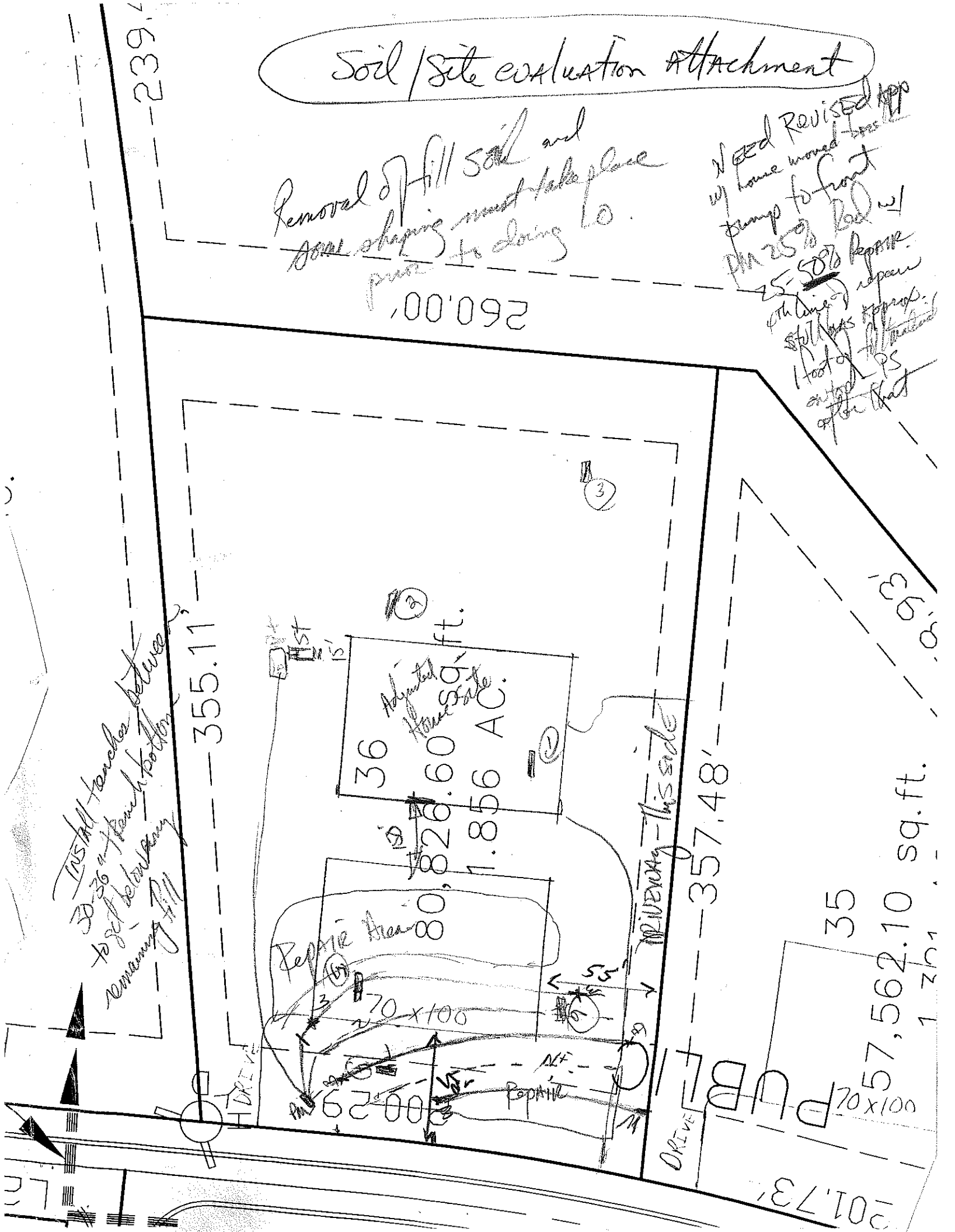
NOTES

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/ft²

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


Soil/Site evaluation Attachment
Removal of fill soil and some shaping must take place prior to closing LO.
Need Revised App w/ house moved back dump to front DIA 25% Rod w/ 50% Repair
239.4'
260.00'
355.11'
357.48'
201.73'
Install trench between 30-36" from bottom of soil interface remaining fill
Adjusted House Site
36,260.60 sq. ft.
1.86 AC.
Repair Area
80.00'
70 x 100
62.00'
Driveway - This side
35
57,562.10 sq. ft.
1.32 AC.
PUBLIC
DRIVE

