DEPARTMENT OF ENVIRONMENT, HEALTH, 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: Mecha Polar
APPLICANT:
ADDRESS:
APPLICATION DATE:
DATE EVALUATED: May 11, 06
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 4 BDRM
PROPERTY SIZE: 2.97 Ac
LOCATION OF SITE: Lot 52 Twin Creek Estates
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 5-6%	0-24	m-fSBk red C	fR SO SOP					.3
		24-48	wk-fSBk yr cl+sap	fR SS SP					
2	L 9%	0-20	m-fSBk red C	fR SSP SOP					.3
		20-48	wk-fSBk yr cl	fR SSP					
3	L 5-6%	0-10	wk SBk brn scl	fR SSS P					.3
		10-29	wk-m fSBk red cl	fR SSS P SOP					
		29-48	wk fSBk red cl/L	fR SSS P few - common in cl SAP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	BS	BS
System Type(s)	Conv Subsl	1PPPDTS
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS - 5-16-06 SEE comments on back
EVALUATED BY:
OTHER(S) PRESENT: Joe Rivera Sr
points not matching up as shown on plat - check at survey

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)

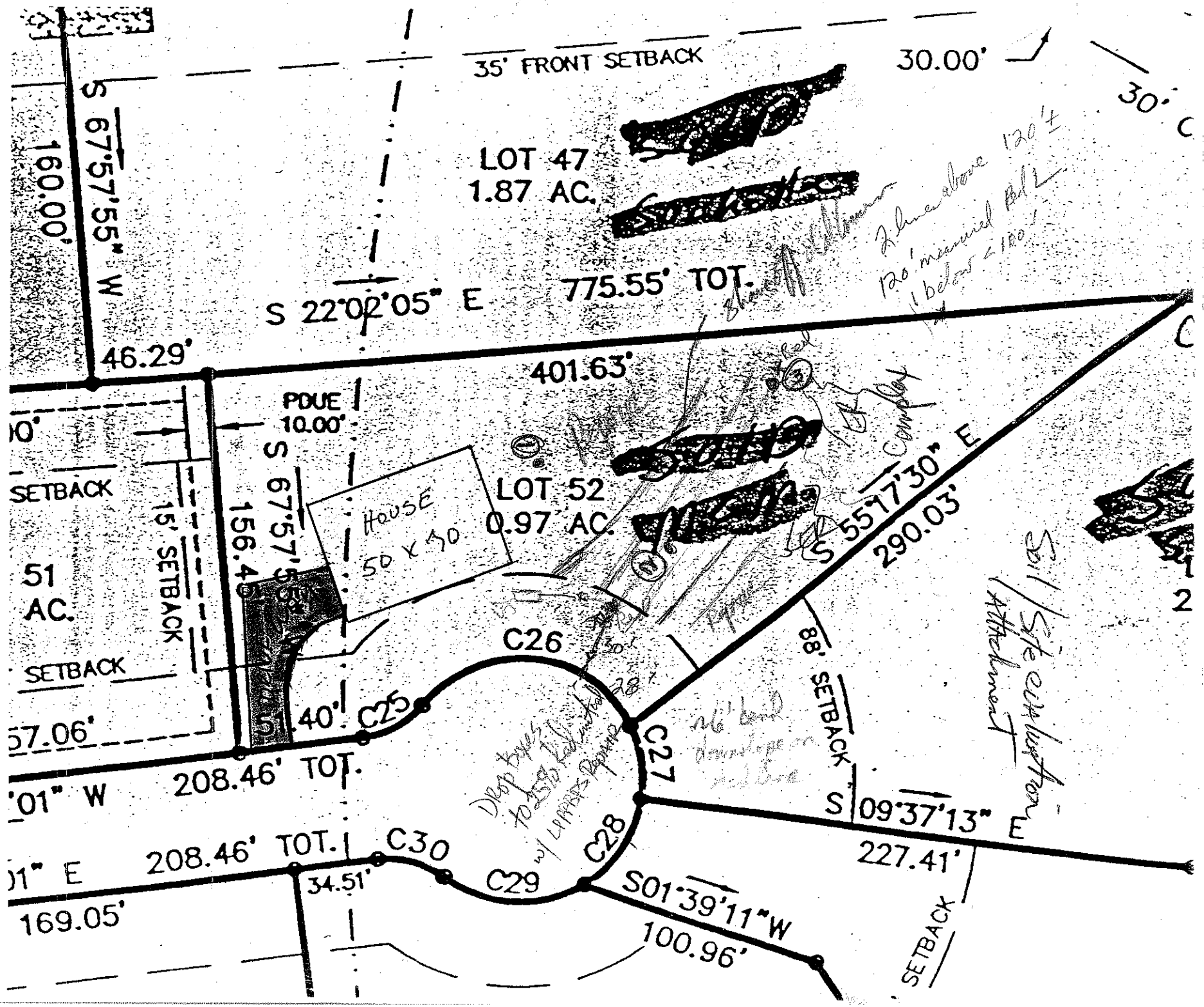
NOTES

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).


35' FRONT SETBACK
30.00'
LOT 47
1.87 AC.
S 67°57'55" W
160.00'
S 22°02'05" E
775.55' TOT.
46.29'
401.63'
PDUE
10.00'
SETBACK
15' SETBACK
S 67°57'55" W
156.40'
HOUSE
50 x 30
LOT 52
0.97 AC.
S 55°17'30" E
290.03'
51
AC.
SETBACK
C26
C25
C27
88' SETBACK
57.06'
40'
208.46' TOT.
'01" W
208.46' TOT.
C30
C28
C29
S 09°37'13" E
227.41'
01" E
34.51'
169.05'
S01°39'11"W
100.96'
SETBACK