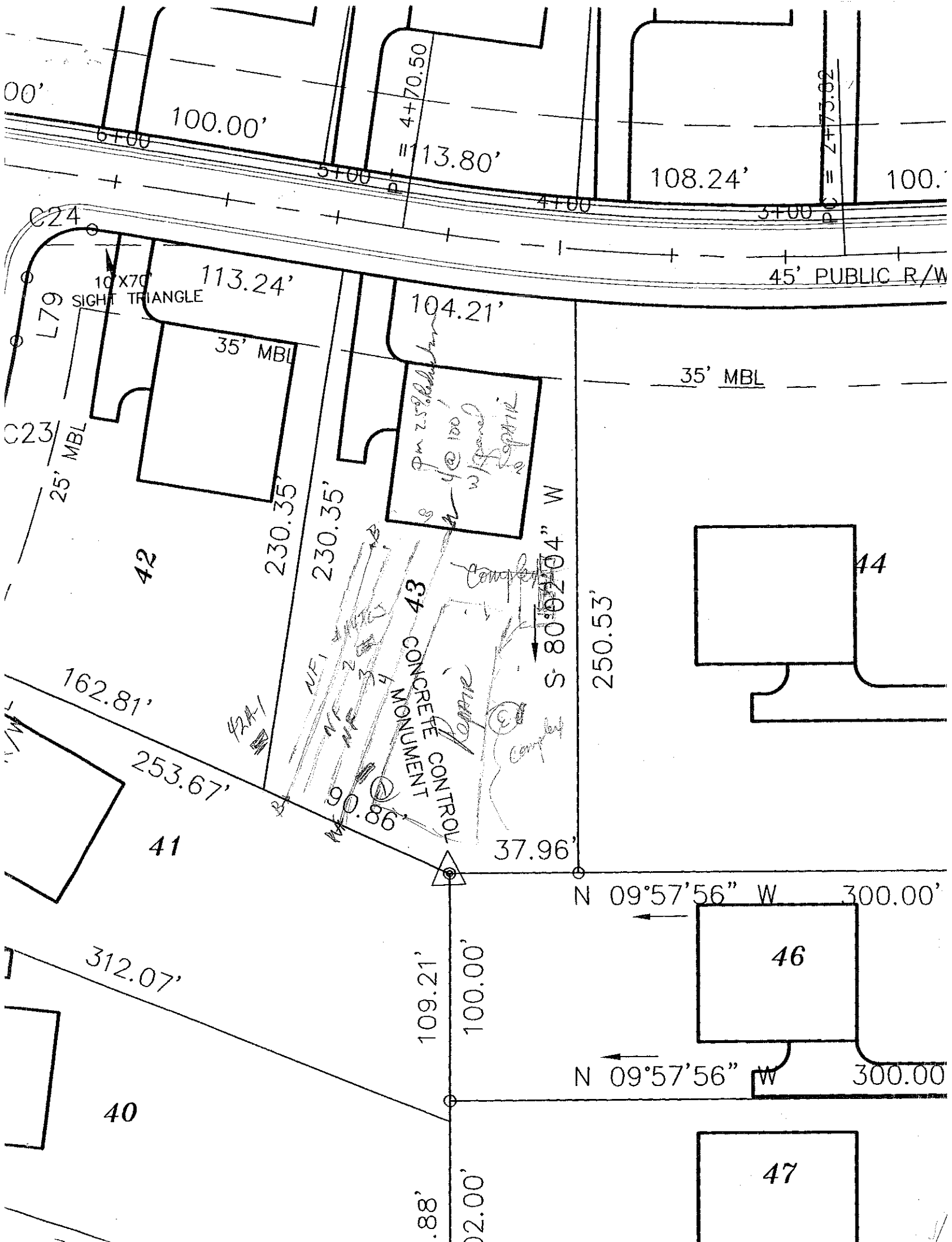

100.00'
5+00
5+00 ℄
= 4+70.50
= 113.80'
108.24'
= 2+73.02
4+00
3+00 ℄
C24
45' PUBLIC R/W
10'X70' SIGHT TRIANGLE
L79
113.24'
104.21'
35' MBL
C23
25' MBL
230.35'
230.35'
42
43
44
41
40
47
46
S 80°02'04" W
250.53'
162.81'
253.67'
90.86'
37.96'
CONCRETE CONTROL MONUMENT
N 09°57'56" W
300.00'
312.07'
109.21'
100.00'
N 09°57'56" W
300.00

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: Dienst
APPLICANT: _____
ADDRESS: _____
APPLICATION DATE: _____
DATE EVALUATED: 7-28-14
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480gpd
PROPERTY SIZE: _____
LOCATION OF SITE: Lot 43 The Preserve + minipt or lot 42
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	42 AM	0-6	wkfgrbrn scl	frsssp					3
		6-23	mfgrk RC	frsssp SCXP					
		23-37	wkfgbk yr scl	frsssp common mica					
		37-55	massive yr-gy LSAP	frsssp					
2		0-3	wkfgbk rbrn scl	frsssp					3
		3-18	mfgrk/gbk RC	fr SP SCXP					
		18-55	wkfgbk-mod yr-gy	fr SL SAP frsssp					
3		0-14	mfgbk RC	frsssp SCXP					3 adj
		14-21	wkfgbk Ry scl	frsssp					
		21-58	massive Ry SL SAP	frsssp					
4	44 TCT 7% L								

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: RH
OTHER(S) PRESENT: Paul Pennington

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 Block
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).

