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

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _IREDELL___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: __COURTLAND BUILDERS_____ APPLICATION DATE___7/2010
ADDRESS:___PO BOX 3792 MOORESVILLE NC 28117_____ DATE EVALUATED: ___7/2010_
PROPOSED FACILITY: __RES_____ PROPOSED DESIGN FLOW (.1949): ____480GPD PROPERTY SIZE: __.72AC_____
LOCATION OF SITE: __THE POINT LOT 1364_____PROPERTY RECORDED: ____YES____
WATER SUPPLY: ☐ Private X Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: X Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 1	LINEAR 0-5%	0-10	BSCL WSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.25GPD/FT^2
		10-22	RC MFSBK	FRI,SS,SP,SEXP					
		22-48	RC WSBK/ABK	FRI,SS,SP,SEXP					
				COMMON YB'S					
B 2	LINEAR 0-5%	0-22	BSCL WSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.275GPD/FT^2
		22-48	RC WFSBK	FRI,SS,SP,SEXP					
				FEW YB'S 22-36"					
B 3	LINEAR 0-5%	0-16	BSCL WSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.275GPD/FT^2
		16-48	RC WFSBK	FRI,SS,SP,SEXP					
				FEW YB'S					
B 4	LINEAR 0-5%	0-10	BSCL WSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.25GPD/FT^2 .225 gm
		10-28	RC WFSBK	FRI,SS,SP,SEXP					
		28-48	RC ABK	FRI,SS,SP,SEXP					
				MANY YB'S 28-48"					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% RED.	LP PPBPS
Site LTAR	~~.25~~ GPD/FT^2	.25 GPD/FT^2

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____
EVALUATED BY: ____MICHAEL ATHANAS & ASSOCIATES___
OTHER(S) PRESENT: _____
Approved 8-3-10 gm

COMMENTS: .225 gm

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _7/2010_____
COUNTY: ___IREDELL____

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
B 5	LINEAR 0-5%	0-18	BSCL WSBK	FRI SS,SP SEXP	N/A	46"	N/A	N/A	.25GPD/FT^2
		18-46	RC SBK/ABK	FRI SS,SP SEXP					
		46"	QUARTZ ROCK						
				FEW YB'S					
P1	WEST WALL LINEAR 0-5%	0-10	BSCL WSBK	FRI SS,SP SEXP	-FEW YB'S	48"	N/A	N/A	.25GPD/FT^2 10-27
		10-27	RC SBK/ABK	FRI SS,SP SEXP					
		27-48	RC ABK	FRI SS,SP SEXP					
				MANY YB'S					
P1	EAST WALL LINEAR 0-5%	0-14	BSCL WSBK	FRI SS,SP SEXP	N/A	48"	N/A	N/A	.25GPD/FT^2
		14-32	RC SBK	FRI SS,SP SEXP					
		32-48	RC SBK/ABK	FRI SS,SP SEXP					
				MANY YB'S 32-48					

COMMENTS: _____

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: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 3-18-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 1364 pha 1364 1 left PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

#5 0-7 RBM cl wksbk fr sssp fr sandy loam mottles
7-24 mfsbk RC fr sssp fr sandy loam mottles

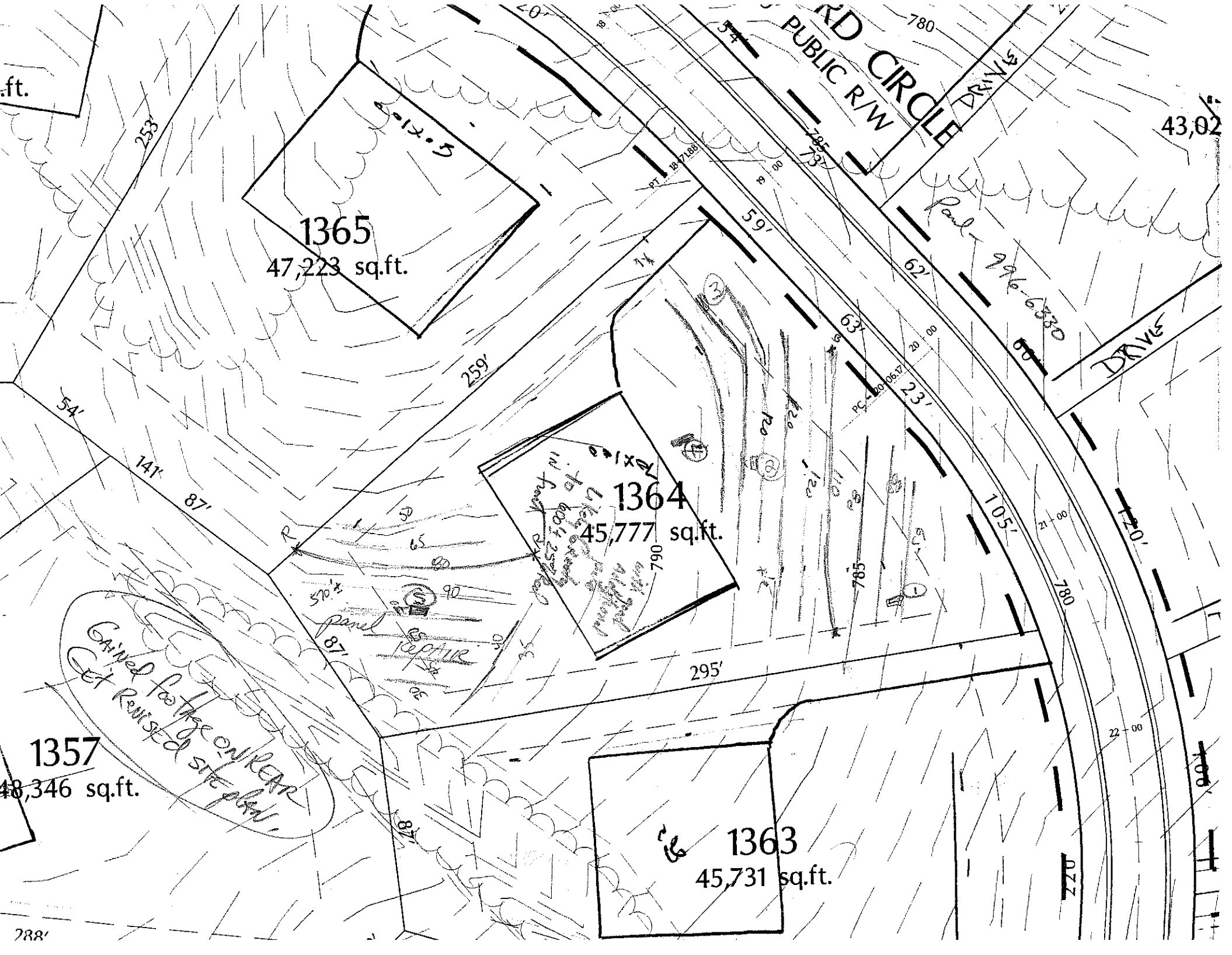
Dig more pits
1 on rear
1 more on middle front

24-52 mfsbk ypcl fr sssp few med fsap < 25-3

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	5-6% L	0-6	wkfsbk brnsl	frsssp	few fine y brn mottles				.25-.3
		6-26	sbkfsbk RC	frsp sexp					
		26-48	mfsbk RC/cl	frsssp	few fine red sap				
2	5-6% L	0-1	gr brn sl cl	frsssp					.25-.6 25" .2 to 43"
		1-25	mfsbk rc/cl	fr sssp sexp					
		25-45	mfsbk RC/cl	fr sssp many y brn mottles					
					43" few/cm 2 redmott/chroma 2				
3		0-5	wkfsbk brnsl	frsssp	few y brn mottles				.25 728" .3
		5-28	mfsbk/fsbk RC	fr sp sexp					
		28-51	mfsbk RC/cl	frsssp					
4		0-6	gr brn sl	frsssp	41" few/cm 2				.25@ <36"
		6-28	wkfsbk rc brn sl/c	frsp sexp					
		28-48	mm mbk ypl c	frsp sexp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Shallow (Below 25) Led	LPP ERS
Site LTAR	12	.25-.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: _____
OTHER(S) PRESENT: Paul Pennington
IN front yard - Keep Shallow .2-.25 design


1365
47,223 sq.ft.
1364
45,777 sq.ft.
1363
45,731 sq.ft.
1357
48,346 sq.ft.
PUBLIC R/W
DRIVE
DRIVE
CIRCLE
253'
259'
54'
141'
87'
295'
105'
120'
780
785
790
59'
62'
63'
23'
87'
18'
288'
Panel Repair
Gained footage on rear
Cut revised site plan.