Hollybrook Subdivision Septic Specifications
Iredell County , NC

Lot # 21 Type of Water Supply Well Number of Bedrooms 3 GPD Flow 360

Type of Initial System 3e, PPBPS Gravity ✓ Pump ____ LTAR 0,25

Total Linear feet of drain line 250' Type of Distribution System Equal -2 Iller Splitter

____ Number of Trenches 5 Trench Width and Length 3'X50' If

Variable Length Lines List Separately ____ Minimum Trench Spacing 9' o/c

Trench Depth 36 in. Septic Tank Size 1000 gal. Pump Tank Size — gal.

Type of Repair System 4a PPBPS Gravity ____ Pump ✓ LTAR 0,25

Total Linear Feet of drain line 240' Type of Distribution System LP

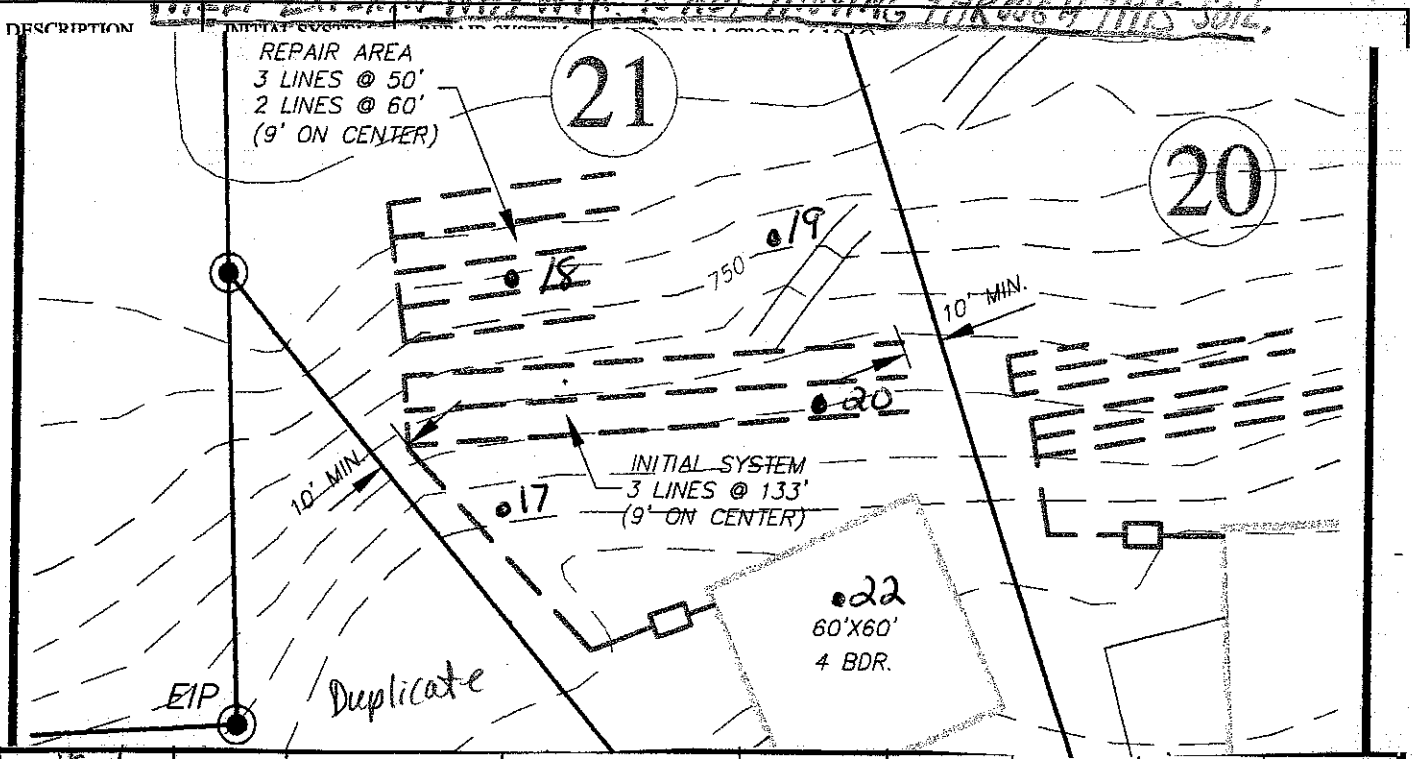
Number of Trenches 3 Trench Width and Length 3'X80'

If Variable Length List Separately ____

Minimum Trench Spacing 9' o/c

Trench Depth 36 in. Septic Tank Size 1000 gal. Pump Tank Size 1000 gal.

22 4	L 6-10% smooth	B+ 0-28+	SBK	C	SEXP? FR/FI S,P	2.5YR 4/6	28"+	?	?	II <0.25 ac?
		Wtr. in hole on 10/27 & 11/3. Wtr surface 28" below soil surface. Wtr level appeared to have dropped about 3" based on wtr. mark in pit.								
		NOTE: FIRM CONSISTENCE CHANGE IN STRUCTURE AT DEPTH OR OTHER FACTORS MAY HELP EXPLAIN WHY WTR. IS NOT MOVING THROUGH THIS SOIL.								



17 wtr level drop 6"± 11/5	wtr in pit 11/21 10-15 undulating 20'± downslope of ag terrace Wtr. in pit 1/1									
		Bt to 48"+								
		Could not get in pit								
18	L 15-20 undulating 10'± downslope of ag terrace Wtr in pit 1/1 wtr dropped 3"± to pit bottom	Ap 0-3	SBK	SCL	SEXP FR S SP	2.5YR 4/6	36"	Too much clay in CB	36"	II 0.25 ac
		Bt 3-25	"	C	" " " P					
		BC 25-36	"	"	" " " "					
		CB 36-48+	SBK*	CL/SL	" FR/FR " "					
19	As ①	AB 0-3	SBK	CL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	II 0.3 ac
		Bt 3-48+	"	C	" " " P					
20 No wtr 11/5	As ① Wtr. in pit 1/1	Ap 0-3	SBK	CL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	II 0.3 ac
		Bt 3-48+	"	C	" " " P					

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 5 of 12
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Hollybrook
ADDRESS:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949):
LOCATION OF SITE:
WATER SUPPLY: Private Public Well Spring Other
EVALUATION METHOD: Auger Boring Pit Cut

APPLICATION DATE
DATE EVALUATED:
PROPERTY SIZE:
PROPERTY RECORDED:
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
~~19~~	L 6-12% undulating old road about 20' east of pit	AB 0-8	SBK SCL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/P	III/IV 0.35 l/ac
		B+ 8-48+	" CL/CL	" " " P					
~~20~~	L 3-6% undulating old road about 40' south	AB 0-5	SBK SCL	SEXP FR S SP	2.5YR 4/6	45"	N/A	45" to CB	III 0.4 l/ac
		B+ 5-24	" CL/CL	" " " P					
		BC 24-45	" SCL	" " " SP					
		CB 45-48+	" SCL	" " " "					
~~21~~ 3	L 12-15% undulating old road about 30' west	BA 0-32	SBK SCL	SEXP FR S SP	2.5YR 5/3	48"+	N/A	N/A	III 0.4 l/ac
		B+ 32-48+	" CL	" " " "					
(22) 4	L 6-15% smooth	B+ 0-28+	SBK C	SEXP? FR FI S SP	2.5YR 4/6	28"+	?	?	II <0.25 l/ac?
				In House Box Not in drain field Area.					
		WTC in hole on 10/2 @ 8 a/3. Wtr		surface 28" below ground surface. Wtr level					
		appeared to have dropped about		3" based on wtr. mark in pit.					
		NOTE: FIRM CONSISTENCE CHANGE IN STRUCTURE AT DEPTH OR OTHER FACTORS MAY HELP EXPLAIN WHY WTR IS NOT DRAINING THROUGH THIS SOIL.							

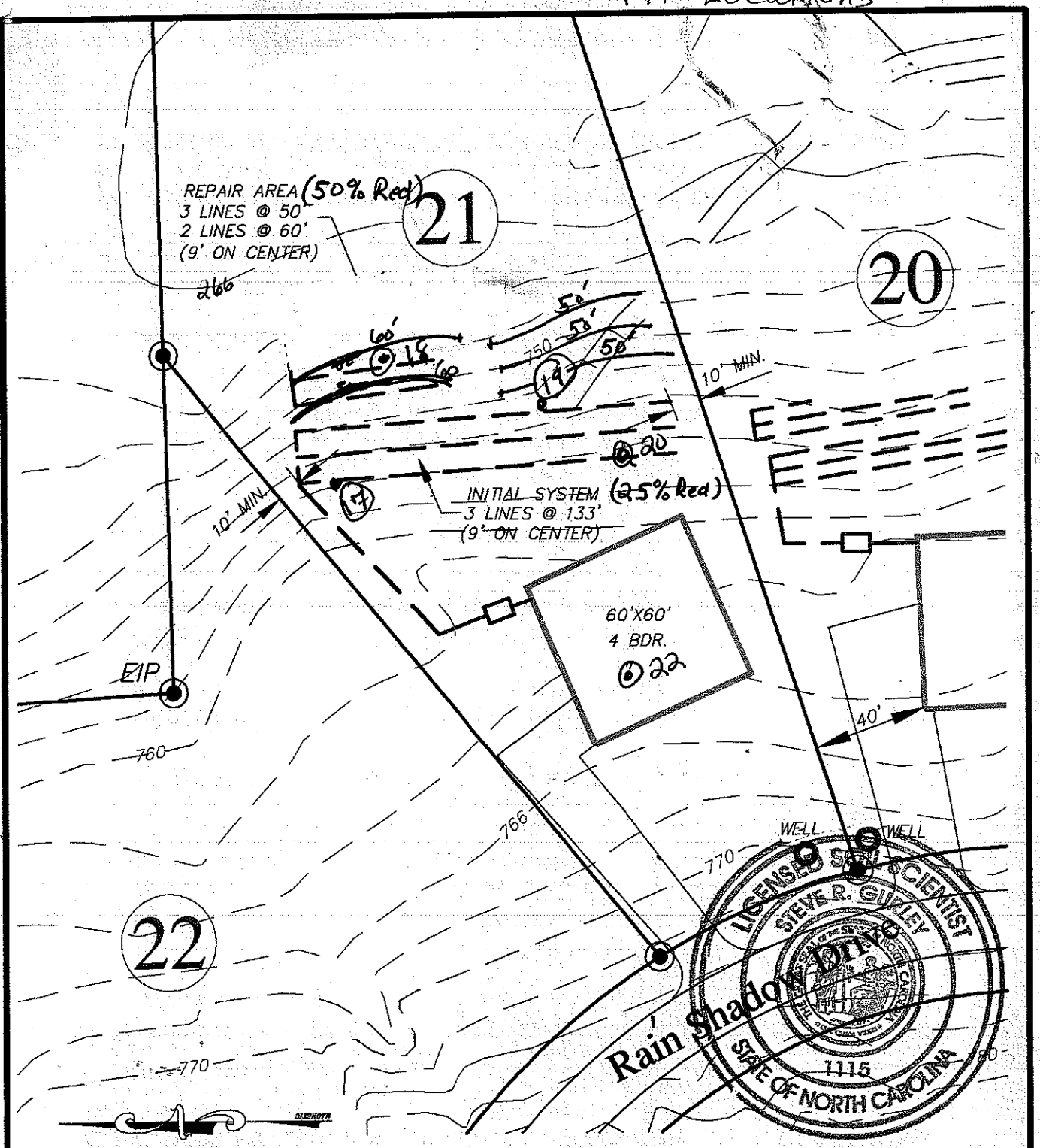
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):

EVALUATED BY:
OTHER(S) PRESENT:

COMMENTS:

Pit Locations



Hollybrook

FOR

DAVID R. MCKAY, LLC. & BETTY MCKAY, LLC.

605 TEETER ROAD
Mooresville, NC 28115
(704) 664-9080

IREDELL COUNTY; CODDLE CREEK NORTH CAROLINA

SEPTIC FIELD LAYOUT
LOT # 21

BAR SCALE 1"=50'

0 25 50 100

R/DEH

ON-SITE WASTEWATER SECTION

PROPERTY ID #:

COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Russell Williams APPLICATION DATE

ADDRESS: DATE EVALUATED: 1/11/08

PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949): PROPERTY SIZE:

LOCATION OF SITE: 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
19	As ①	AB 0-3	SBK CL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	IV 0.3 ltar .30K gm
		Bt 3-48+	" C	" " " P					
		0-24	mostlokc						
		24-48	WKsbk c/cl						
20	As ① 15%	Ap 0-3	SBK CL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	IV ~~0.2 ltar~~ .25
		Bt 3-48+	" C	" " " P	C-Mn f-abK				
	Wtr in pit 1153 1/1								
17 wtr level drop 6"± 1/5	wtr in pit 1/21 10-15 undulating 20'± downslope of ag terrace Wtr in pit 1/1	Bt to 48"+						See -over- .3	?
		Could not get in pit							
18	L 15-20 undulating 10'± downslope of ag Wtr in pit 1/1 Wtr dropped 3"± to pit bottom	Ap 0-3	SBK SCL	SEXP FR S SP	2.5YR 4/6	36"	Too much clay N cB	36" cl SAP @ 36"	IV 0.25 ltar @ 24" TB
		Bt 3-25	" C	" " " P					
		BC 25-36	" "	" " " "					
		CB 36-48+	SBK* C/CL/SL	" FR/VFR " "					

COMMENTS: *Grading to PL (schistosity of vertically foliated PM)

OVER

(17) 0-26 md sbk R_c fr .3

26-48 wk sbk R_c/cl fr c-m sap.