WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4635386935
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Alesia Preece
ADDRESS: 177 Ruby Rd Mooresville NC 28117 APPLICATION DATE 9-17-13
PROPOSED FACILITY: 3 BRM PROPOSED DESIGN FLOW (.1949): 360 gpd DATE EVALUATED: 3-14-14
LOCATION OF SITE: 177 Ruby Rd Mooresville NC 28117 PROPERTY SIZE: 0.64 ac
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other PROPERTY RECORDED: Yes
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
B1	LSS 3%	0-14	B SCL 6r	Fr, SS, SP SExP	-	48"	—	—	PS .3
		14-36	RC WFSBk	Fr, SS, SP SExP					
		36-48	RC WFSBk	Fr, SS, SP SExP	Com Sap				
B2	LSS 5%	0-14	B SCL 6r	Fr SS SP SExP	—	48"	—	—	PS .275 to 38" .25 >38"
		14-48	RC WFSBk	Fr SS SP SExP	few YB >38" Com Mn				
B3	LSS 4%	0-28	B SCL 6r	Fr SS SP SExP	few Mn	48"	—	—	PS .275 to 43" .25 >43"
		28-48	BR C WFSBk	Fr SS SP SExP	Com Mn, YB >43"				
B4	LSS 6%	0-8	B SCL WFSBk	Fr SS SP SExP		48"	—	—	PS .3
		8-16	BR SC WFSBk	Fr SS SP SExP					
		16-30	R C WFSBk/RBk	Fr SS SP SExP					
		30-48	R CL WFSBk	Fr SS SP SExP	Com Sap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LP PPBPS	LPRBPS
Site LTAR	0.25	0.25

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: AZP
OTHER(S) PRESENT: None

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4635386935
DATE OF EVALUATION: 3-14-14
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 5	LSS 6%	0-12	B CL/FSCL WFSBk	Fr, SS, SP, SEXP	Com/many Mn	48"	-	-	PS
		12-40	R/DR C WFSBk	Fr SS SP SEXP					.275 to 40"
		40-48	R C WFSBk	Fr S P SEXP	few YB, few/com Mn				.25 > 40"
B 6	LSS 10%	0-8	B SCL Gr	Fr SS SP SEXP					PS
		8-42	R C/SC WFSBk	Fr SS SP SEXP	Com Mn	48"	-	-	.275 to 42"
		42-48	R C/SC WFSBk	Fr SS SP SEXP	Com Mn, few YB > 42"				.25 > 42"

COMMENTS:



The maps prepared for this website are generated from recorded deeds, plats, and other public records. Users of these maps are hereby notified that the information provided herein should be verified. Iredell County assumes no legal responsibilities for any of the information contained on this site. Users are advised that the use of any of this information is at their own risk. All maps on this site were prepared using a 1000' Grid based upon the North Carolina State Plane Coordinate System from the 1983 North American Datum. The delinquent real property tax overlay is updated monthly. The information presented is not intended to be used or relied upon as official notice of tax liens. For additional information regarding delinquent taxes, contact the Iredell County Tax Collector's Office.

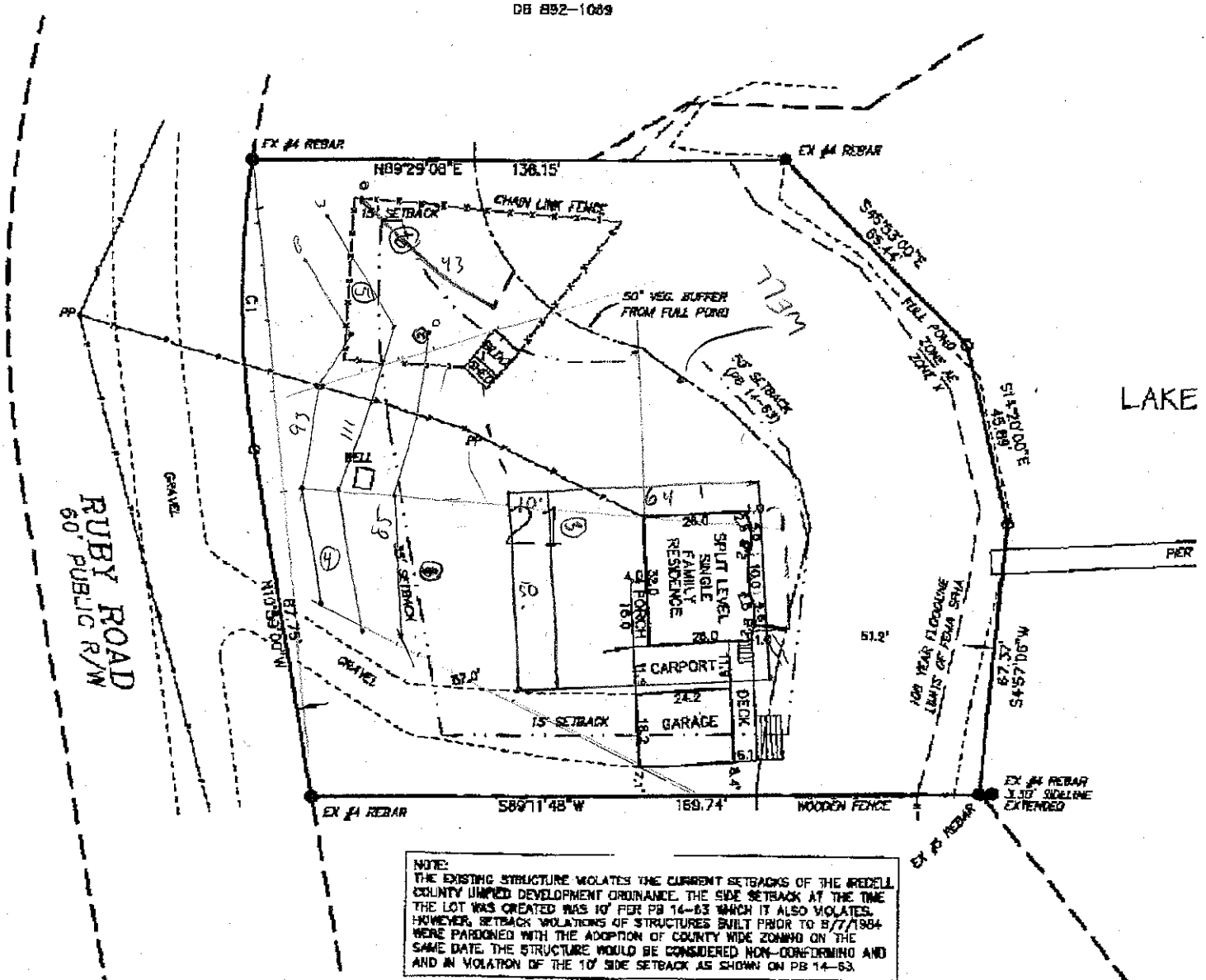
Area determined by Coordinate Computation Method.
Property subject to any facts that may be disclosed by a full and accurate title search.
Property may be subject to any Easements and Right of Ways of record and those not of record if they exist.
A portion of Subject Property is located in a Special Flood Hazard Area (Zone AE) as designated by the FEMA FLOOD INSURANCE RATE MAPS.
See Map Number 3719463300J – Effective Date 3/18/2008.
No Geodetic Monument found within 2000' of Subject Property.
Subject to Easements, Reservations, Conditions, and Restrictions per DB 609-378.
Ruby Road shown as Hermitage Drive per PB 14-63.
Setbacks shown reflect those of current R-20 Zoning.
Tall Pond and 100 Year Floodline field located and based upon Duke Power Lake Neighbor Info. – 87.70' on 8/27/2013 at 3:28 P.M.

1" = 40

0-8 B Scl Gr Fr SS SP SEXP .225-25
B6 8-42 R C/Sc WFSBK Fr SS SP SEXP com Mn
10% 42-48 R C/Sc WFSBK Fr SS SP SEXP com Mn
for YB > 42"

19

NOW OR FORMERLY
POLLOCK
DB 892-1089



NOTE:
THE EXISTING STRUCTURE VIOLATES THE CURRENT SETBACKS OF THE IREDELL COUNTY LIMITED DEVELOPMENT ORDINANCE. THE SIDE SETBACK AT THE TIME THE LOT WAS CREATED WAS 10' PER PB 14-63 WHICH IT ALSO VIOLATES. HOWEVER, SETBACK VIOLATIONS OF STRUCTURES BUILT PRIOR TO 8/7/1984 WERE PARDONED WITH THE ADOPTION OF COUNTY WIDE ZONING ON THE SAME DATE. THE STRUCTURE WOULD BE CONSIDERED NON-CONFORMING AND AND IN VIOLATION OF THE 10' SIDE SETBACK AS SHOWN ON PB 14-63.

B4 0-8 B Scl WFSBK Fr SS SP SEXP .3
8-16 BR Sc WFSBK Fr SS SP SEXP
6% 16-30 R C WFSBK WFSBK Fr SS SP SEXP
30-48 R C/Sc WFSBK Fr SS SP SEXP com Mn

22

B5 0-12 B C/Sc WFSBK Fr SS SP SEXP NOW OR FORMERLY WILLIAMS DB 2212-1722 .275 to .25
12-40 R/DR C WFSBK Fr SS SP SEXP com/many Mn
6% 40-48 R C WFSBK Fr S P SEXP for YB, for com Mn

CURVE TABLE

NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	18°25'29"	72.49'	225.43'	N1°46'15"W	72.18'

AREA SUMMARY
LOT 21
0.639 ACRE
27,836 SQ.FT.

80

CALCULATED POINTS (C)

PIN

eSmouth.net