ROLLANS ***Soil & Environmental Services, PA.***
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Attached is an Existing System Inspection of a PPBPS System with Low Pressure Distribution for a Proposed Pool for 198 Riverwood Road, (PIN#:4637148968), Iredell County, North Carolina.

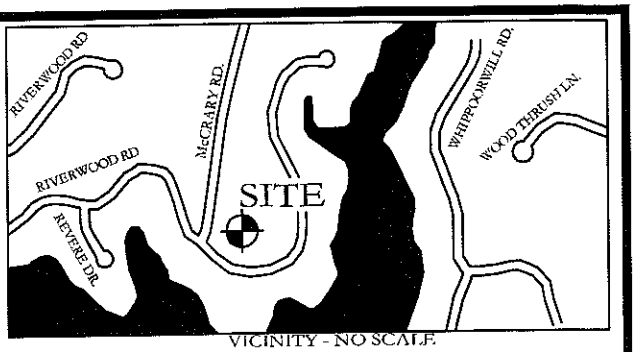
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June 18, 2015
Project #: 01-3025
Design By: Rollans Soil & Environmental Services, PA

LEGEND

⬅	.....	Direction of Water Flow
E/P	.....	Edge of Pavement
AC.	.....	Acre
●	.....	Iron Found/ Set/ Computed
R/W	.....	Right of Way
C/L	.....	Centerline
	.....	Power Pole
P/L	.....	Property Line
O.H.U.	.....	Overhead Utility
	.....	Proposed House / Septic Area
	.....	Denuded Limits
-x-x-x-	.....	Silt Fence
	.....	Construction Entrance/Exit



VICINITY - NO SCALE

SCALE

40 0 20 40

1 inch = 40 ft.

PLAT 53-67

APPROVED JUN 25 2015

R/W

S83°53'36"E 192.12

L3

L2

L1

CVB

1 R EXISTING 50'

2 O EXISTING 71'

3 Y EXISTING 71'

4 B EXISTING 71'

5 R EXISTING 71'

6 R 63'

7 O 61'

8 Y 42'

9 B 58'

10 P 42'

11 R 29'

12 R 20'

13 R 18'

55' Setback

25' Set

Supply Line

PUMP TANK

O.P.U.

ST

15'

L1

86'

POOL AREA

50'

93'

Proposed Patio

Existing House

PORCH

Drive

45'

S04°01'46"W 218.86

15' Setback

35' Setback

N49°43'00"W 169.59

38.0'

50' Radius

Proposed Well

(Existing) 1.5" CMP

INSTALL ROCK INLET PROTECTION SHT DETAIL (Shr. 3 of 3)

R/W

Radius: 258.21
Arc: 79.15
Chord
N58°29'52"W
78.84

NORTH CAROLINA PROFESSIONAL SEAL L-4243 LAND SURVEYOR MATTHEW J. STIKELEATHEY

PRELIMINARY

LINE TABLE

LINE	LENGTH	BEARING
L1	38.15	N18°48'34"E
L2	40.65	N09°51'31"E
L3	11.87	N08°09'01"E

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

Sheet 1 of 1
PROPERTY ID #: 4637148968
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Dean & Robin Lecky
ADDRESS: 198 Riverwood Road Mooresville NC 28117
PROPOSED FACILITY: 6BR Proposed Dwg PROPOSED DESIGN FLOW (.1949): 600gpd
LOCATION OF SITE: 198 Riverwood Road, Mooresville NC 28117
APPLICATION DATE 6/18/15
DATE EVALUATED: 6/2015
PROPERTY SIZE: 0.74ac
PROPERTY RECORDED: Yes

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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	L/7%	0-4	Bl sr	FrSSSPSEXP		48	-	-	PS 0.3
		4-8	BR cl wfsbk	" " " "					
		8-48	RC mmsbk	" " " "					
D 2	L/5%	0-5	Bl sr	FrSSSPSEXP		48	-	-	PS 0.3
		5-23	RB C mmAbk/sbk	" " " "					
		23-36	RC mmAbk/sbk	" " " "					
		36-48	RY cl wmsbk	" " " "	-fsap				
3									OK IHD APPROVED JUN 25 2015 SL
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PPBPS-334' Existing	333' PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollans & J. Wendell Overby
OTHER(S) PRESENT:

COMMENTS: 30" TB Depth, See Site Plan for PPBPS Repair Demonstration