

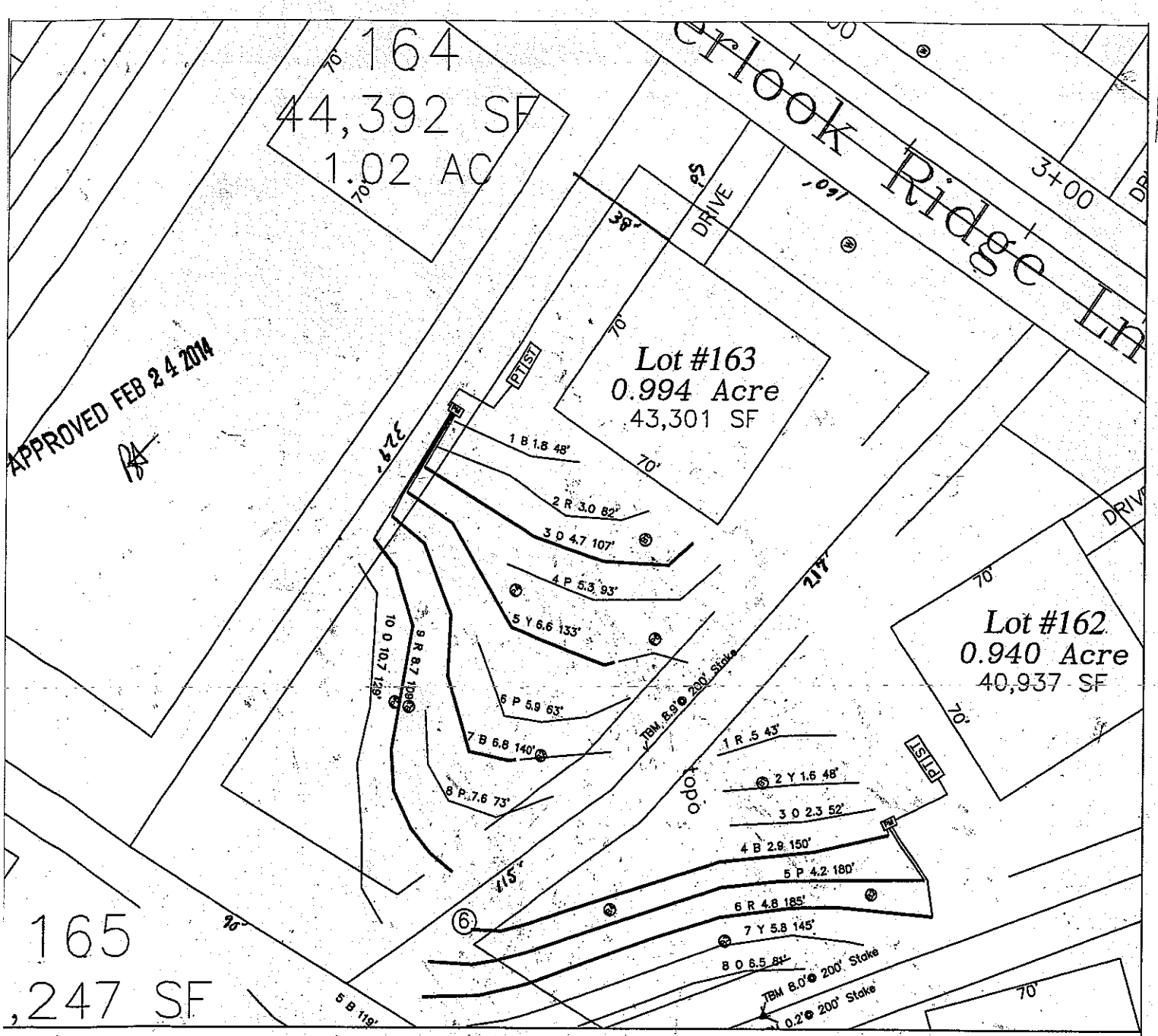
MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Anniston, Lot 163
House Footprint: 68' x 45'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Gravity-drop boxes/ end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24"

Line	Design Length	Actual Length	Elevation
Blue 1		48'	G
Red 2		82'	R
Orange 3	**100'**	**107'**	A
Pink 4	**100'**	**100'**	V
Yellow 5	**133'**	**133'**	I
Pink 6	**67'**	**70'**	T
Blue 7		140'	Y
Pink 8		73'	
Red 9		109'	
Orange 10		129'	

Initial System: 400' **Repair System:** 581'

Comments:
The purpose of this evaluation was to change the system from a pump system to a gravity fed system. The house is currently under construction.



LEGEND

- Areas contain soils with 24 inches or more of useable material and have potential for conventional, modified conventional and low-pressure pipe (lpp) septic systems.
- House Footprint
- System lines.
- Repair lines.
- Temporary Bench Mark (TBM)
- (W) Well Location.
- (25) Pit/Boring Location.

GRAPHIC SCALE
1" = 50'

50 0 50 100

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

ROLLANS SOIL & ENVIRONMENTAL SERVICES, PA
P.O. BOX 832
MOORESVILLE, NC 28115
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ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
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MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: GREG MOTON / ANNISTON SUBDIVISION LOT 47

LOCATION/DATE: SHEARER CHAPEL ROAD, IREDELL COUNTY, NORTH CAROLINA, JANUARY 2014

JOB # : 01-1952
FILE: C:\JOBS\01-1952
PROJECT MGR.: S.A.R.
FIELD WORK: S.A.R.
DRAWN BY: S.A.R.

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

Sheet 1 of 2
PROPERTY ID #: 466497341l
COUNTY: Henderson

APPROVED FEB 24 2014 BA

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Anniston LLC
ADDRESS: Lot 163 Anniston
APPLICATION DATE 2/4/14
DATE EVALUATED: 8/22/13
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: 0.994ac
LOCATION OF SITE: Shearers South, Lt Anniston Way, Rt Burnell, Lt Walking Horse, Rt Overlook Ridge Ln, Lt on Rt.
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	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/4%	0-4	B sl-l gr	FrSSSPSExP		48	–	–	PS 0.3
		4-48	Rcmmsbk	F-FrSSSPSExP					
B 2	L/5%	0-48	Rcmmsbk	FrSSSPSExP		48	–	–	PS 0.3
B 3	L/15%	0-4	BRclwsbk	FrSSSPSExP		48	–	–	PS 0.3
		4-22	Rcmmsbk	" " " "					
		22-48	RRclwfsbk	" " " "	-esap				
P 4 (p39)	L/6%	0-4	BRclwsbk	FrSSSPSExP		55	–	–	PS 0.3
		4-46	Rcmmsbk	FrSSSPSExP					
		46-55	RclwFsbk	FrSSSPSExP	-fsap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	0.3	0.275-.3

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

APPROVED FEB 2 4 2014

RA

Sheet 2 of 2

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4664973411
DATE OF EVALUATION: 8/22/13
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
P5	L/12%	0-24	RB c m s bk	Fr SS SP SEXP	c-m sap	60	-	-	PS 0.3
		24-60	R y cl w fs bk	" " " "					
P6	L/6%	0-4	LB s l sr	Fr SS SP SEXP					
		4-30	RC m s bk/ABK	Fr SS SP SEXP					
		30-38	R y cl w m s bk/ABK	" " " "	c sap Incl.	38	PS	-	PS 0.2 .3
		38-60	var / mot	" " " "					

COMMENTS: