

APPROVED MAY 2 6 2016

BA

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

Reference: Data Sheet for 351 Wildlife Rd., PIN 4629686408
House Footprint: 35' x 45'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 2/240 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/Drop boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36"

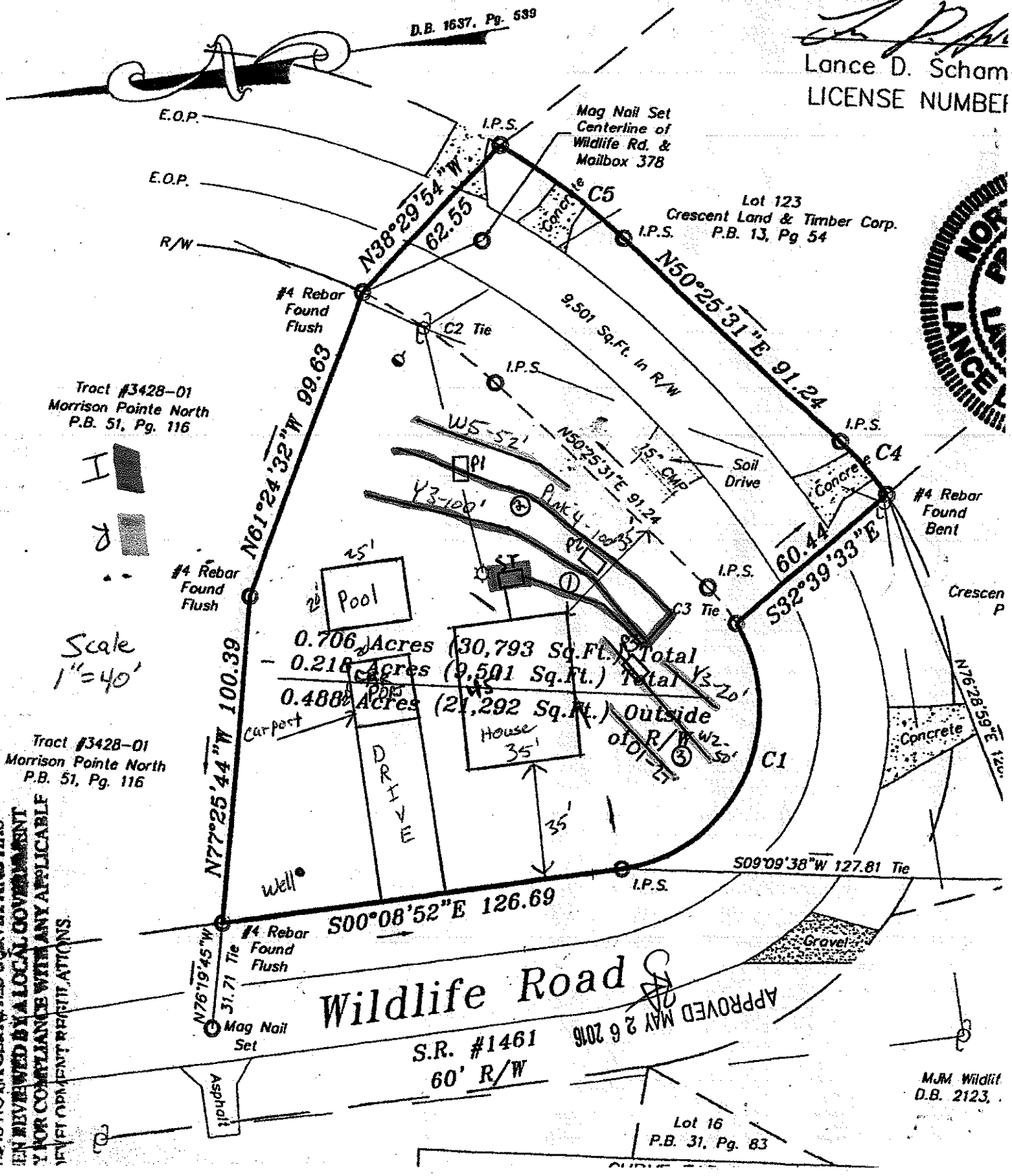
Line	Design Length	Actual Length
Orange 1		*27'*
White 2		*50'*
Yellow 3	**100'/*20'***	**128'**
Pink 4	**100'**	**105'**
White 5		*52'*

Initial System: 200' ***Repair System:*** *149'*

Comments:
The purpose of this evaluation is to permit a two bedroom house with a carport and pool.

nce D. Schamback, certify that this plat was drawn under my supervision
vey made under my supervision (deed description and/or Map Book: 1637, F
nat the boundaries not surveyed are clearly indicated as drawn from informa
survey; that the ratio of precision as calculated is 1: 10,000+ that this plat
in accordance with G.S. 89-C as amended. Witness my original signature, regist
and seal this 6 day of April, A.D. 2015.

Lance D. Scham
LICENSE NUMBE



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AP IS NOT A CERTIFIED SURVEY AND HAS
EN REVIEWED BY A LOCAL GOVERNMENT
Y FOR COMPLIANCE WITH ANY APPLICABLE
VELOPMENT REGULATIONS.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4629686408
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

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OWNER: Craig Edwards
ADDRESS: 122 W Tattersall Dr, Statesville NC 28677
PROPOSED FACILITY: _2 bdrm_ PROPOSED DESIGN FLOW (.1949): _240 GPD_
LOCATION OF SITE: 351 Wildlife Rd.
APPLICATION DATE
DATE EVALUATED:
PROPERTY SIZE: _0.706 AC_
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
PIT 1	LS 6%	0-5	Br CL WSBK	FR SS SP SEXP	N/A	48"		N/A	PS 0.3-0.35
		5-25	R C SBK	FR SS SP SEXP					
		25-48	R CL WSBK	FR SS SP SEXP			F-C SAP		
		48-65	VER L SAP M	VFR SS SP SEXP			PS		
PIT 2	LS 6%	0-5	FILL		N/A	63"		N/A	PS 0.3-0.35
		5-25	R C SBK	FR SS SP SEXP					
		25-63	R CL WSBK	FR SS SP SEXP			F-C SAP		
PIT 3	LS 6%	0-8	Compacted		N/A	63"		N/A	PS 0.3-0.35
		8-18	R C SBK	FR SS SP SEXP					
		18-63	R CL WSBK	FR SS SP SEXP			F-C SAP		
AB 1	LS 6%	0-18	R C SBK	FR SS SP SEXP	N/A	48"		N/A	PS 0.35-0.4
		18-48	R CL WSBK	FR SS SP SEXP			F-C SAP		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	600 FT2	447 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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DATE OF EVALUATION:
COUNTY: IREDELL

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			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
AB 2	LS 6%	0-16	R C SBK	FR SS SP SEXP	N/A	50"	F-C SAP	N/A	PS 0.35-0.4
		16-50	R CL WSBK	FR SS SP SEXP					
AB 3	LS 6%	0-23	R C SBK	FR SS SP SEXP	N/A	48"	F-C SAP	N/A	PS 0.35-0.4
		23-48	R CL WSBK	FR SS SP SEXP					

LICENSED SOIL SCIENTIST MICHAEL ATHANAS STATE OF NORTH CAROLINA

COMMENTS: