

APPROVED MAY 16 2016

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

Reference: Data Sheet for 134 Wellfleet Ln., The Point Ph 4 lot 394
House Footprint: See attached plan
Building Setbacks: 110' front, 50' rear, 20' side
Water Source: Community well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2 (initial-ICHD), 0.1 GPD/FT2 (repair)
Existing System Type: EZ Flow (25% Reduction)
Proposed Repair System Type: Drip Irrigation
Distribution: Gravity-Distribution box
Septic Tank Size: 1500 gallon
Proposed Trench Bottom: Existing

Line	Design Length	Actual Length
Blue 1	**80'**	**80'**
Pink 2	**80'**	**80'**
Blue 3	**80'**	**80'**
White 4	**80'**	**80'**
Orange 5	**80'**	**80'**

Initial System: 400' **Repair System:** 4800+'

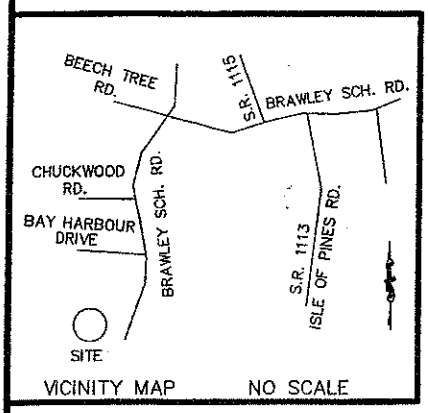
Comments:
MA&A evaluated this property for the addition of a pool. The pool addition will compromise the permitted repair area. The initial system will remain unchanged. We have demonstrated a new repair area.

plat book_____, page_____, that the ratio of precision is 1:10,000; that this map was prepared in accordance with the General Statutes of North Carolina, Chapter 89C. my hand and seal on the 28TH, day of JULY, A.D. 2016.

NORTH CAROLINA PROFESSIONAL SEAL L-3455 LAND SURVEYOR WILLIAM M. ALLEN

WILLIAM M. ALLEN PLS

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BAY HARBOUR ROAD
60' PUBLIC R/W

60.00'

R/W

LOT 382
COMMON OPEN SPACE

THE POINT ON NORMAN
HOLE #4

LOT 395
BEALER HOMES
DB. 1563, PG. 248

LOT 394
1.70 AC.

LOT 393
MARSHALL CROOM
DB. 1535, PG 2216

PB. 35 PG. 137

Additional Repair

Repair

Area

2-STORY STUCCO & STONE COMP. ROOF

STONE PATIO

Pool

D-Box

IRON FENCE

CONCRETE DRIVE & WALK

CONCRETE MONUMENT

#4 REBAR

EIP

30' SETBACK

50' SETBACK

20' SETBACK

110' SETBACK

132.6'

99.7'

44.6'

287.04'

240.13'

153.0'

200.71'

N 61°47'49" E

N 86°22'11" W

S 74°44'18" W
BASE BEARING

N 37°49'11" E
111.39'

CURVE	RADIUS	LENGTH	CHORD	BEARING
C1	660.92'	259.96'	258.29'	S 73°25'11" E
C2	660.92'	123.20'	123.02'	N 89°58'13" E
C3	50.00'	32.01'	31.47'	N 24°21'06" W

LINE	DIRECTION	DISTANCE
L1	S 05°21'59" E	39.25'
L2	S 79°05'42" W	87.50'
L3	S 56°05'35" W	62.38'
L4	S 36°41'01" W	39.18'

LEGEND
P.P. = POWER POLE
DUKE POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
W = WELL
BTL = BUILD TO LINE
LP = LIGHT POLE
PDE = PUBLIC DRAINAGE EASEMENT

0' 30' 60' 100'
SCALE IN FEET

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.

PHYSICAL SURVEY

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

PROPERTY ID #: 4626706170
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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RA

OWNER: Charles Lewis
APPLICATION DATE
ADDRESS: 3081 Tyre Neck Rd. Chesapeake, VA 23321
DATE EVALUATED:
PROPOSED FACILITY: 4 bdrm
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: 1.70 AC
LOCATION OF SITE: 134 Wellfleet Ln, The Point Lot 394
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private X Public Ξ Well ☐ Spring ☐ Other
EVALUATION METHOD: Ξ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: Ξ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS	0-8	FILL		YB's TO 20"	48"	N/A	N/A	PS 0.3 >20"
		8-36	R C SBK	FR SS SP SEXP					
		36-48	R CL WSBK	FR SS SP SEXP					
2	LS	0-12	Br SCL WSBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		12-38	R C SBK	FR SS SP SEXP					
		38-50	R CL WSBK	FR SS SP SEXP					
3	LS	0-4	Br CL WSBK	FR SS SP SEXP	N/A	34"	N/A	N/A	PS 0.3
		4-25	R C SBK	FR SS SP SEXP					
		25-34	R CL WSBK	FR SS SP SEXP					
		34-48	L SAP M	VFR SS SP SEXP					
4	LS	0-4	Br CL WSBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		4-24	R C SBK	FR SS SP SEXP					
		24-48	R CL WSBK	FR SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	EXISTING	4800 FT2
System Type(s)	EZ FLOW	DRIP
Site LTAR	0.3	0.1

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

EPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4626706170
DATE OF EVALUATION:
COUNTY: IREDELL

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PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON 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
5	LS	0-7	Br CL WSBK	FR SS SP SEXP	N/A	36"	N/A	N/A	PS 0.3
		7-36	R C SBK	FR SS SP SEXP					
		36	R CL WSBK	FR SS SP SEXP					

COMMENTS: