APPROVED MAR 22 2016

BA

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
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Reference: Data Sheet for 311 Cove Creek Lp, Chesapeake Pt Lot 31
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Community water
Number of Bedrooms: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT2 (initial), 0.1 GPD/FT2 (repair)
Proposed System Type: PPBPS
Proposed Repair System Type: Drip irrigation
Distribution: Gravity-Distribution Box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36" (initial), 6" (repair)

Line	Design Length	Actual Length
Blue 1	**45'**	**45'**
White 2	**45'**	**45'**
Orange 3	**45'**	**45'**
Blue 4	**45'**	**45'**
White 5	**45'**	**45'**
Orange 6	**45'**	**45'**

Initial System: 270' **Repair System:** 4800+FT2

Comments:
Currently this lot is permitted, the present owners wish to have a pool. MA&A has relayed out the area in order to make room for the pool. Please note the septic area is still in the same previously approved area only the system type changed from a 25% reduction to a panel block, therefore no additional soils work was completed.

IVE COVENANTS OR CONDITIONS NOT

RTH CAROLINA GRID SYSTEM.

D" or "SET" ARE FLUSH WITH THE GROUND,

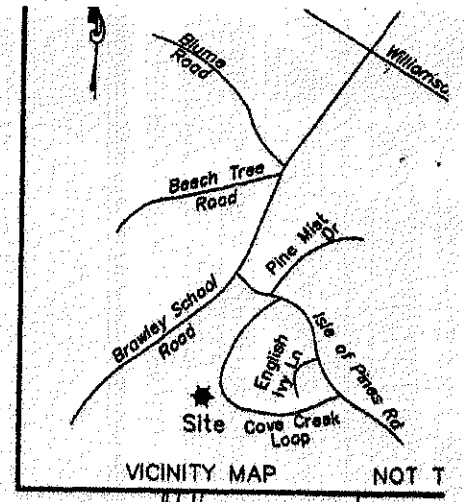
. ARE BASED ON THE LOCATION OF VISIBLE IVED AND NOT SHOWN HERON MAY EXIST. IT MMENCEMENT OF ANY CONSTRUCTION. ON OR OMISSION OF UNDERGROUND UTILITIES.

OT CREATE A NEW STREET OR CHANGE AN

SIDES.

CONVEYANCES AND/OR SALES

PB: 49 PG: 42
Dated: 5/23/2006



VICINITY MAP NOT T

LOT 30
PLAT BOOK 49
PAGE 41

S48°13'32"E 526.49'

20' Drainage Easement (Stream) PB: 51 PG: 77

50' Vegetative Buffer

10' Drainage & Utility Easement

15' Side Setback

LOT 31
1.222 ACRES

Proposed House (Brunswick "E")

Proposed Concrete Driveway

Proposed Concrete Sidewalk

35' Front Setback

10' Drainage & Utility Easement

15' Side Setback

10' Drainage & Utility Easement

N48°13'32"W 563.37'

COVE CREEK LOOP
50' Public R/W
(Plat Book 51 Page 77)

Concrete sidewalk

Curb & gutter

APPROVED MAR 22 2016

OINTE
77
AROLINA

LC

896

STATE OF NORTH CAROLINA
LICENSED SOIL SCIENTIST
MICHAEL
1252
SEAL
PB 49 PAGE 7

I, JIMMY N. FAIRES, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE PAGE NOTE #2 ; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A PAGE N/A ; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND

LEGEND

R/W = Right-of-way

—∿— = Not to Scale

GRAPHIC S

50 0

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

PROPERTY ID #: Lot 31; Chesapeake Pointe
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: CP II LLC _____ APPLICATION DATE _____
ADDRESS: 3125 Presidential Parkway; Suite 200; Atlanta, GA 30340 DATE EVALUATED: 7/2015
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 1.22 Acres
LOCATION OF SITE: Lot 31; Chesapeake Pointe Subdivision; Cove Creek Loop PROPERTY RECORDED: 4/30/2007
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
AB 1	L 6-8%	0"-15"	YBr SL GR	NS NP VFR NEXP		30"	Few to common saporlite inclusions @ 15"-30" PS	None	.3
		15"-30"	YBr CL WSBK	SS SP FR SEXP					
		30"-48"	V SL Saporlite M	NS NP VFR NEXP					
AB 2	L 6-8%	0"-24"	YBr CL WSBK	SS SP FR SEXP		24"	PS	None	.3
		24"-48"	V SL Saporlite M	NS NP VFR NEXP					
AB 3	L 6-8%	0"-12"	RBr CL WSBK	SS SP FR SEXP		48"	Few to Common Saporlite inclusions 36"-48"	None	.3
		12"-36"	RBr C SBK	SS SP FR SEXP					
		36"-48"	R CL WSBK	SS SP FR SEXP					
AB 4	L 6-8%	0"-46"	R C SBK	SS SP FR SEXP		48"	Few to Common Saporlite inclusions 46"-48"	None	.3
		46"-48"	R CL WSBK	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200FT2	4800 FT2
System Type(s)	25% Reduction	Non Pretreated Drip
Site LTAR	.3	.1

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: Michael Athanas and Associates
OTHER(S) PRESENT: _____

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
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PROPERTY ID #: Lot 31; Chesapeake Pointe
DATE OF EVALUATION: 7/2015
COUNTY: Iredell

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
AB #5	L 6-8%	0"-22"	R C SBK	SS SP FR SEXP		48"	Few to Common Saporlite Inclusions 22"-48"	None	.3
		22"-48"	R CL WSBK	SS SP FR SEXP					
AB #6	L 6-8%	0"-12"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 45"-48"	None	.3
		12"-45"	R C SBK	SS SP FR SEXP					
		45"-48"	R CL WSBK	SS SP FR SEXP					
Pit #1	L 6-8%	0"-12"	Br SCL WSBK	SS SP FR SEXP		32"	PS	None	.3
		12"-32"	R C SBK	SS SP FR SEXP					
		32"-57"	V L Saporlite M w/ Clay Inclusions	NS NP VFR NEXP					
		57"-70"	V SL Saporlite M	NS NP VFR NEXP					
Pit #2	L 6-8%	0"-3"	Br SL GR	NS NP VFR NEXP		39"	PS	None	.3
		3"-39"	R C SBK/ABK	SS SP FR SEXP					
		39"-60"	V L Saporlite M w/ Few Clay Inclusions	NS NP VFR NEXP					
Pit #3	L 6-8%	~~0"-10"~~	~~YBr SL GR~~	~~NS NP VFR NEXP~~		~~10"~~ 18"	PS	None	.1 Drip
		~~10"-47"~~	~~V SL Saporlite M~~	~~NS NP FI FR NEXP~~					
		0-9	YBr SL wsbk	FrSSSp					
		9-18	YBr C WSBK	FrSSSp					
		18-60	YR Sap SL M	Fi-FrSSSp					

Mis-Labeled
Change onsite
GM 9/2/2015

ok IW
SEP 08 2015

APPROVED

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COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

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Pit # 4	L 6-8%	0"-10"	YBr SL GR	NS NP VFR NEXP	CL SAP 13"-40" SL	10"	PS	None	.1 Drip
		10"-47"	V SL Saporlite M	NS NP FI-FR NEXP					
Pit # 5	L 6-8%	0"-9"	Br SL GR	NS NP VFR NEXP	9"-30" Some Fi Some ABK	43"	Few to Common Saporlite Inclusions 30"-43" PS	None	.3
		9"-30"	R C WSBK	SS SP FR SEXP					
		30"-43"	R CL WSBK	SS SP FR SEXP					
		43"-60"	V L Saporlite M	NS NP FR NEXP					
Pit # 6	L 6-8%	0"-8"	Fill		Some ABK 8"-20"	50"	Few to Common Saporlite Inclusions 40"-50" PS	None	.3 .1 Drip OR Top SL
		8"-40"	R C WSBK	SS SP FR SEXP					
		40"-50"	R CL WSBK	SS SP FR SEXP					
		50"-60"	V L Saporlite M	NS NP FR NEXP					
Pit # 7	L 6-8%	0"-7"	Br SCL WSBK	SS SP FR SEXP		57"	Few to Common Saporlite Inclusions 36"-57"	None	.3 .1 Drip
		7"-36"	R C WSBK	SS SP FR SEXP					
		36"-57"	R CL WSBK	SS SP FR SEXP					

COMMENTS: