

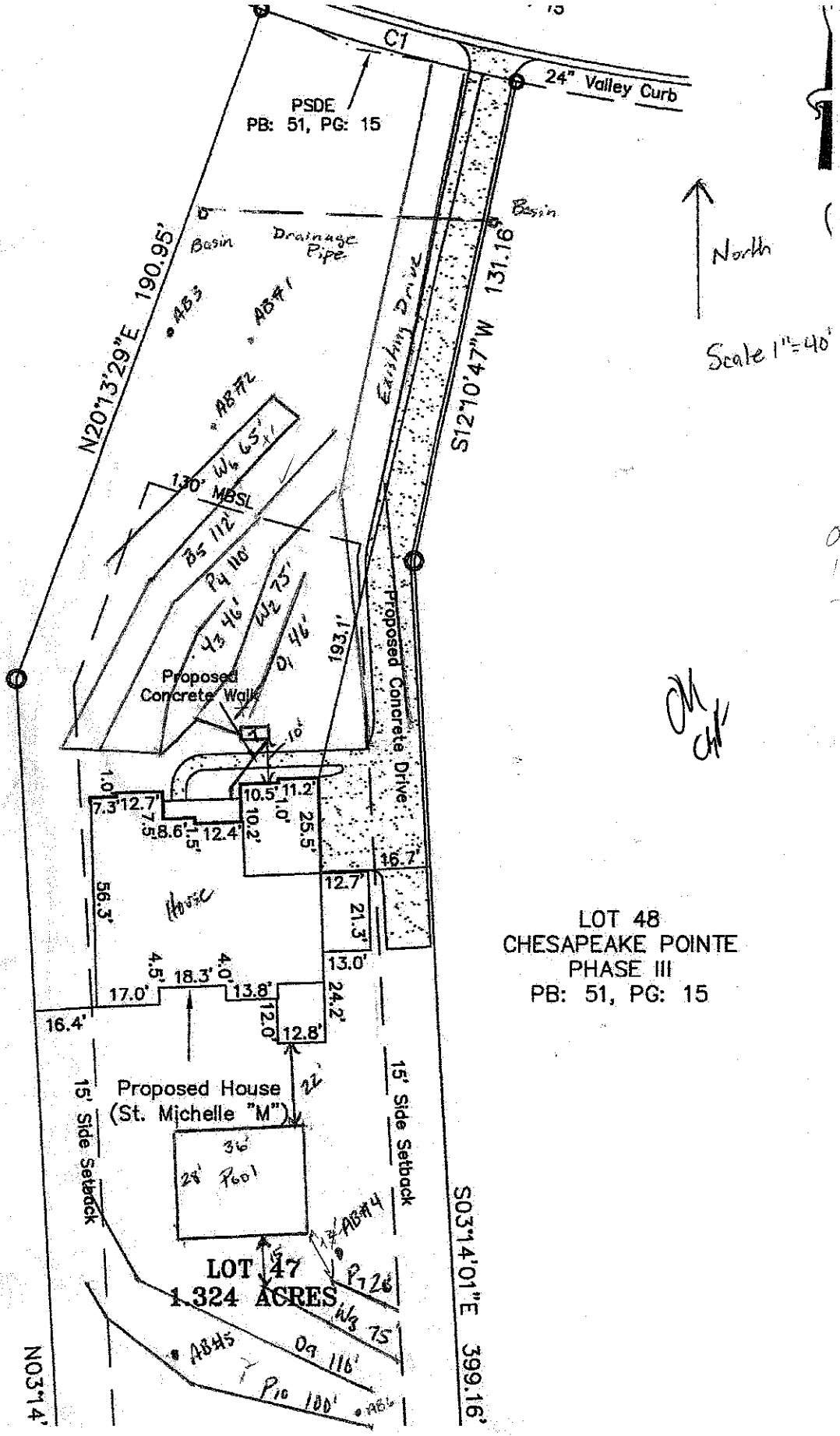
MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Chesapeake Point Lot 47; Cove Creek Loop; Iredell County, NC
House Footprint: 70' x 60'
Building Setbacks: 35' front/35'rear/15' side
Water Source: Community Water
Number of Bedrooms: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT2 for Initial (ICHD)
Proposed LTAR: 0.3 GPD/FT2 for Repair
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation
Orange 1		46'	G
White 2	**75'**	**75'**	**R**
Yellow 3	**46'**	**46'**	**A**
Pink 4	**110'**	**110'**	**V**
Blue 5	**110'**	**112'**	**I**
White 6	**65'**	**65'**	**T**
Pink 7		20'	Y
White 8		75'	
Orange 9		110'	
Pink 10		100'	

Initial System: 406' **Repair System:** 351'

Comments:
The purpose of this evaluation is to change the permit to a 4-bedroom, 25% reduction system. The area has been previously permitted by the Iredell County Health Department. The initial septic area has been kept in the same area. The repair area is now located behind the house and the proposed pool. The house is currently under construction and the pool has been located using black pin flags. There is an area of fill below the initial septic area and the system should be kept out of this area. No part of the system should be installed in the existing driveway.



LOT 48
CHESAPEAKE POINTE
PHASE III
PB: 51, PG: 15

NTE

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DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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: 03/17/2015
PROPOSED FACILITY: 4-Bedroom Residence
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: 1.32 Acres
LOCATION OF SITE: Lot 47; 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)		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	
AB 1	L 15-16%	0"-26"	Fill						Unsuitable
AB 2	L 15-16%	0"-12"	Fill			26"	PS	None	.3
		12"-26"	R C SBK	SS SP FR SEXP					
		26"-53"	V SL Sap Massive	NS NP VFR NEXP					
AB 3	L 15-16%	0"-30"	Fill						Unsuitable
AB 4	L 10-12%	0"-4"	Fill			48"	Few to common Saporlite inclusions 30"-48"	None	.3
		4"-30"	R C SBK	SS SP FR SEXP					
		30"-48"	R CL WSBK	SS SP FR SEXP					

OK CHF

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	1098 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Michael Athanas and Associates
OTHER(S) PRESENT:

COMMENTS:

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

(Continuation Sheet)

PROPERTY ID #: Lot 47; Chesapeake Pointe
DATE OF EVALUATION: 3/17/2015
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
AB	L 10-12%	0"-4"	Br CL WSBK	SS SP FR SEXP	N/A	48"	Few to common Saporlite inclusions 30"-48"	None	3
5		4"-32"	R C SBK	SS SP FR SEXP					
		32"-48"	R CL WSBK	SS SP FR SEXP					
AB 6	LS 10-12%	0-5	Br SL WSBK	Fr SS SP	N/A	48"	F-C Sap Inc	N/A	PS 0.3
		5-38	R C SBK	Fr SS SP					
		38-48	R CL WSBK	Fr SS SP					

COMMENTS:

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# ~~Fi0052~~ 206350 PIN# ~~4636-12-0237.047~~ 4636017408 DATE October 24, 2006

OWNER OR APPLICANT Chesapeake Pointe LLC PHONE: Business 678-300-8521 Home

ADDRESS 7360 McGinnis Ferry Road, Suwanee, GA. 30024

LOCATION BSR TL Isle of Pines TR Cove Creek on Right before end

SUBDIVISION Chesapeake Pointe BLOCK / SECTION III LOT 47 LOT AREA 1.32ac SITE CLASS. PS DESIGN FLOW 480gpd L.T.A.R. .03

Septic Tank: 1000 Gallons; STB Date

Pump Tank: 1000 Gallons; PT Date

Pump Make: Model Serial No.

Nitrification Field: No Fields 1 Square Feet 1200 Linear Feet 400

No Lines 5 Trench Width 36" Max Trench Bottom Depth 36"

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: Am 25% Reduction

Repair System Description: LPP PBPS

Maintenance Agreement Required: ☐ Yes ☒ No

Gravel Depth N/A ☐ Gravity ☒ Pressure ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement wo/plumbing

☒ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

No. Bedrooms 4 No. Persons No. Employees

Water Supply: ☐ Individual ☒ Public ☒ Community

Comments/Conditions:

Move off any old Stumps in septic system area

Comments/Conditions:

INITIAL SITE SKETCH

SEE Plan from S+ME

AS BUILT SKETCH

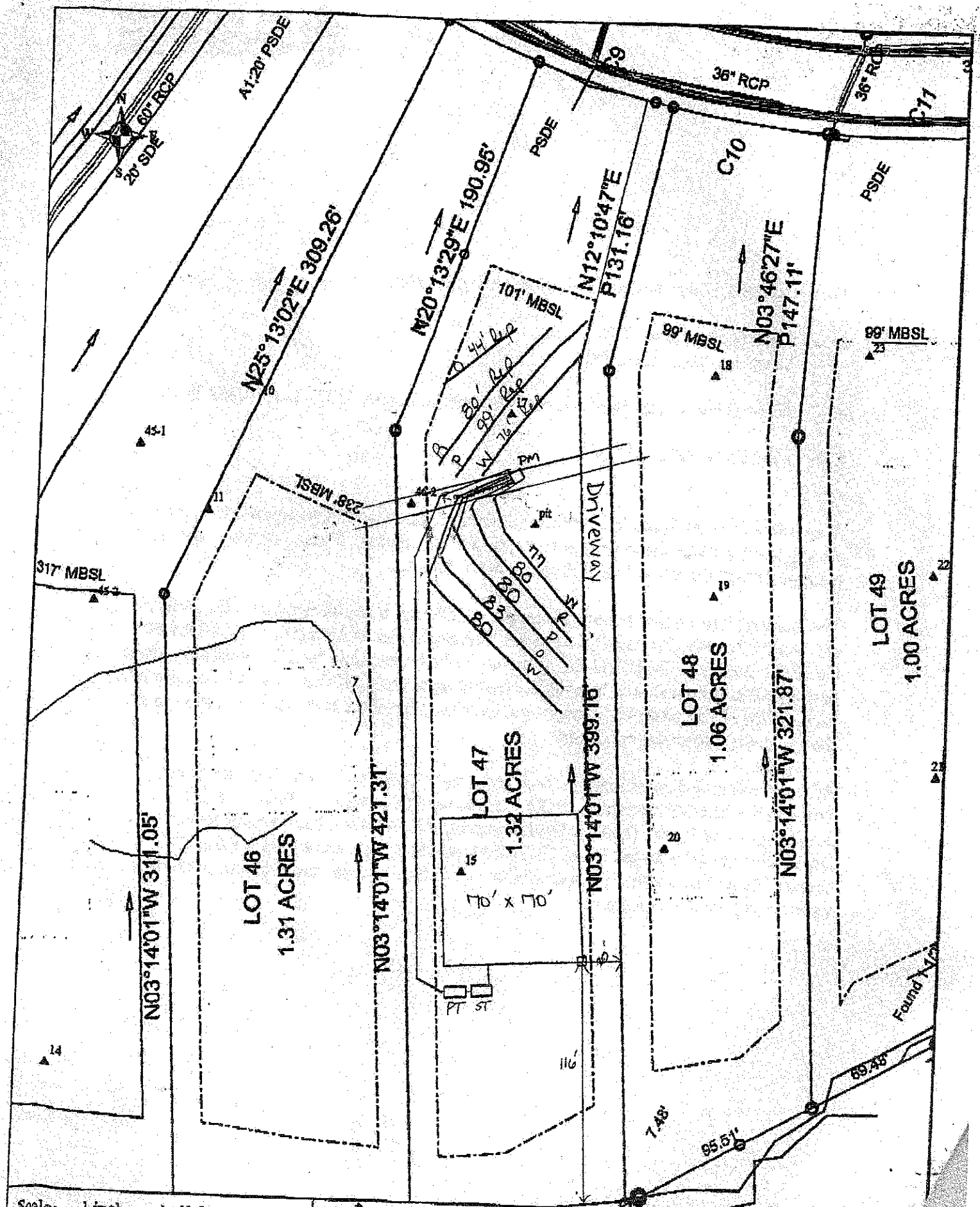
Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☒ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: date 12-12-06 Installed by:

Improvement Permit by: date 10-24-06 Operation Permit by: date

Authorization to Construct by: date APPROVED OCT 01 2014 Existing System Inspection by: date

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK



Scale: 1 inch equals 60 feet

Drawn by: JBP

S&MF

Lot 47 Chesapeke Point

Detailed, Scaled Site Plan

FIGUR