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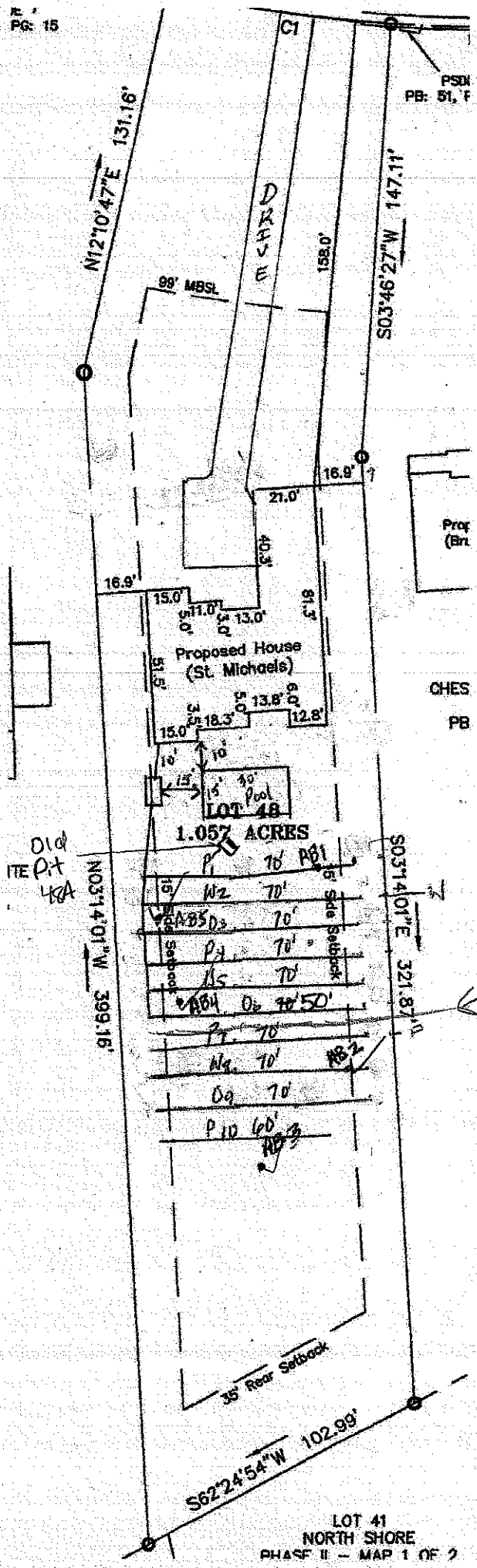
Reference: Data Sheet for Chesapeake Point Lot 48; Cove Creek Loop; Iredell County, NC
House Footprint: 80' x 60'
Building Setbacks: 99'front/35'rear/15' side
Water Source: Community Water
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2 for Initial
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-drop boxes/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 30"

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Line	Design Length	Actual Length	Elevation
Pink 1	**70'**	**70'**	**G**
White 2	**70'**	**70'**	**R**
Orange 3	**70'**	**70'**	**A**
Pink 4	**70'**	**70'**	**V**
White 5	**70'**	**70'**	**I**
Orange 6	**50'**	**70'**	**T**
Pink 7		70'	**Y**
White 8		70'	
Orange 9		70'	
Pink 10		60'	

Initial System: 400' **Repair System:** 270'

Comments:
The purpose of this evaluation is to have the property re-permitted in the back of the lot. The property was originally permitted in the front. The property owner wanted the house closer to the road. A pool has also been proposed on the property. The initial system will fit above the tree line, with the repair being below the tree line. The proposed house location has been marked using pink pin flags and the proposed pool has been marked using white pin flags.



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

PROPERTY ID #: Lot 48; 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: 6/30/2015
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 1.06 Acres
LOCATION OF SITE: Lot 48; 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

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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 1	L 5-6%	0"-5"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 30"-48"	None	0.3
		5"-30"	R C SBK	SS SP FR SEXP					
		30"-48"	RCL WSBK	SS SP FR SEXP					
AB 2	L 5-6%	0"-30"	R C SBK	SS SP FR SEXP		45"	Few to common saporlite inclusions 30"-45" PS	None	0.3
		30"-45"	RCL WSBK	SS SP FR SEXP					
		45"-48"	V L Saporlite M	NS NP VFR NEXP					
AB 3	L 5-6%	0"-4"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 30"-48"	None	0.3
		4"-30"	R C SBK	SS SP FR SEXP					
		30"-48"	RCL WSBK	SS SP FR SEXP					
AB 4	L 5-6%	0"-30"	R C SBK	SS SP FR SEXP		48"	Few to common saporlite inclusions. 30"-48"	None	0.3
		30"-48"	RCL WSBK	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	630 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	.3	.3

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: Lot 48: Chesapeake Pointe
DATE OF EVALUATION: 6/30/2015
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
AB #5	L 5-6% ✓	0"-36"	R C SBK	SS SP FR NEXP		48"	Few to Common Saporlite inclusions 36"-48"	None	0.3
		36"-48"	R CL WSBK	SS SP FR NEXP					
	Pit 48A 9/27/06 By DH	0-4"	Gr brn SL Fr			52"			.3
		4"-30"	Fr SBK	Fr, SS, SP, SEXP					
		30"-52"	Yrcl WSBK	Fr, SS, SP few Incls SAP a mica flakes					

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COMMENTS: _____