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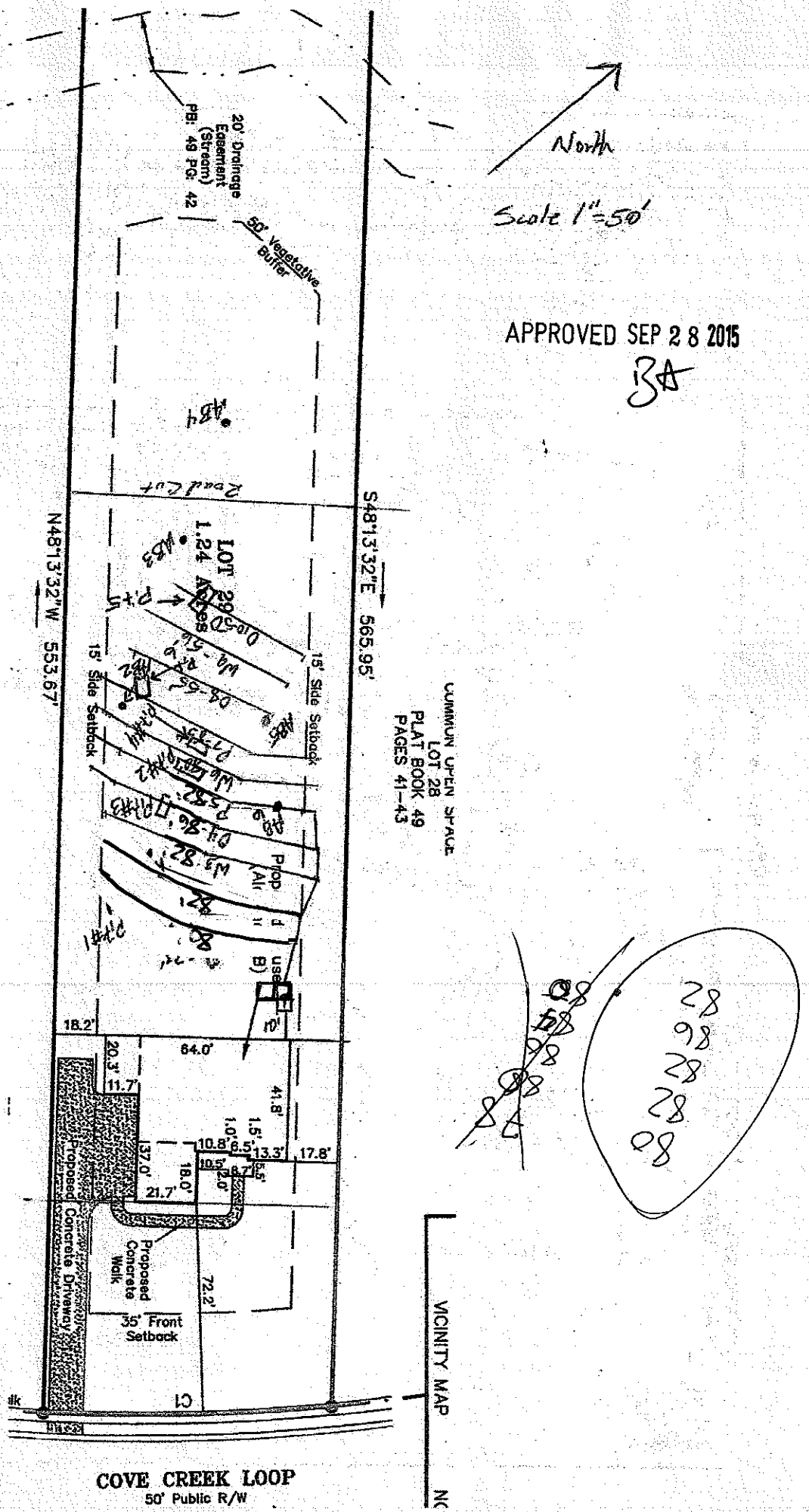
APPROVED SEP 28 2015

Reference: Data Sheet for Chesapeake Point Lot 29; Cove Creek Loop; Iredell County, NC
House Footprint: 64' x 59'
Building Setbacks: 35' front/50'rear/15' side
Water Source: Community Water
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
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" for the initial system

Line	Design Length	Actual Length	Elevation
White 1	**70'**	**75'**	**G**
Pink 2	**80'**	**82'**	**R**
White 3	**80'**	**81'**	**A**
Orange 4	**85'**	**90'**	**V**
Pink 5	**85'**	**92'**	**I**
White 6		80	**T**
Pink 7		83'	**Y**
Orange 8		55'	
White 9		56'	
Orange 10		50'	

Initial System: 400' 25% Reduction **Repair System:** 324' PPBPS

Comments:
The purpose of this evaluation was to re-permit this lot for a 4-bedroom system. The previously permitted system for this lot was in the front. All parts of the system should keep 25' from the road cut. Pit #2 had a stump hole that was filled. Pits #3 and #4 were dug near Pit #1, to show the limits of the fill material.


North
Scale 1"=50'
20' Drainage Easement (Stream) PB: 49 PG: 42
50' Vegetative Buffer
APPROVED SEP 2 8 2015
BA
Pond Cut
S48°13'32"E 565.95'
N48°13'32"W 553.67'
LOT 29
1.24 Acres
15' Side Setback
15' Side Setback
COMMON OPEN SPACE
LOT 28
PLAT BOOK 49
PAGES 41-43
Prop Alt
18.2'
64.0'
20.3'
11.7'
41.8'
1.0'
1.5'
10.8'
6.5'
13.3'
17.8'
37.0'
10.5'
5.5'
18.0'
21.7'
2.0'
Proposed Concrete Driveway
Proposed Concrete Walk
72.2'
35' Front Setback
VICINITY MAP
COVE CREEK LOOP
50' Public R/W

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: Lot 29; Chesapeake Pointe
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

APPROVED SEP 2 8 2015 BA

OWNER: CP II LLC
ADDRESS: 3125 Presidential Parkway; Suite 200; Atlanta, GA 30340
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: Lot 29; Chesapeake Pointe Subdivision; Cove Creek Loop
WATER SUPPLY: ☐Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut

APPLICATION DATE
DATE EVALUATED: 7/2015
PROPERTY SIZE: 1.24 Acres
PROPERTY RECORDED: 4/30/2007
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"-9"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions @ 38"-48"	None	.3
		9"-38"	R C SBK	SS SP FR SEXP					
		38"-48"	R CL WSBK	SS SP FR SEXP					
AB 2	L 6-8%	0"-4"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions @ 26"-48"	None	.3
		4"-26"	RBr SCL WSBK	SS SP FR SEXP					
		26"-48"	V L Sap Massive	NS NP VFR NEXP					
AB 3	L 6-8%	0"-9"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions @ 24"-48"	None	.3
		9"-24"	R C SBK	SS SP FR SEXP					
		24"-48"	R CL WSBK	SS SP FR SEXP					
AB 4	L 6-8%	0"-18"	YBr CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions @ 32"-48"	None	.3
		18"-32"	YR C SBK	SS SP FR SEXP					
		32"-48"	YR CL WSBK	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200FT2	972 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:

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

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BA

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AB #5	L 6-8%	0"-30"	R C SBK	SS SP FR SEXP		38"	Few to common saporlite inclusions 30"-38" PS	None	.3
		30"-38"	R CL WSBK	SS SP FR SEXP					
		38"-48"	V L Saporlite M	NS NP VFR NEXP					
AB #6	L 6-8%	0"-20"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 30"-48"	None	.3
		20"-30"	R C SBK	SS SP FR SEXP					
		30"-48"	R CL WSBK	SS SP FR SEXP					
Pit #1	L 6-8%	0"-7"	Br CL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 34"-60"	None	.3
		7"-34"	R C SBK	SS SP FR SEXP					
		34"-60"	R CL WSBK	SS SP FR SEXP					
Pit #2	L 6-8%	0"-7"	YBR SL GR	NS NP VFR NEXP		36"	Few to common saporlite inclusions @ 26"-36" PS	None	.3
		7"-26"	R C WSBK	SS SP FR SEXP					
		26"-36"	R CL WSBK	SS SP FR SEXP					
		36"-60"	S L Saporlite M	NS NP VFR NEXP					
Pit #3 See notes below	L 6-8%	0"-7"	YBR SL GR	NS NP VFR NEXP		24"	n/a	None	.3
		7"-24"	R C WSBK	SS SP FR SEXP					

COMMENTS: Pits #3&4 were dug to determine if there was a continuation of the fill material found in Pit #2. There was no fill. It was determined that the fill in the pit was from a tree stump removal.

SOIL/SITE EVALUATION

(Continuation Sheet)

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Pit #4 See notes above	L 6-8%	0"-6"	YBR SL GR	NS NP VFR NEXP		24"		None	.3
		6"-24"	R C WSBK	SS SP FR SEXP					
Pit #5	L 6-8%	0"-12"	YBr L GR	NS NP VFR NEXP		34"	PS	None	.3
		12"-34"	R C WSBK	SS SP FR SEXP					
		34"-64"	R L Saporlite M	NS NP VFR NEXP					
Pit #6	L 6-8%	0"-24"	R C WSBK	SS SP FR SEXP		32"	Few to Commons Saporlite Inclusions 12"-32" PS	None	.3
		12"-32"	R CL WSBK	SS SP FR SEXP					
		32"-64"	Ver L Saporlite M w/ Clay flow to 54"	NS NP VFR NEXP					

COMMENTS: _____