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LICENSED SOIL SCIENTIST
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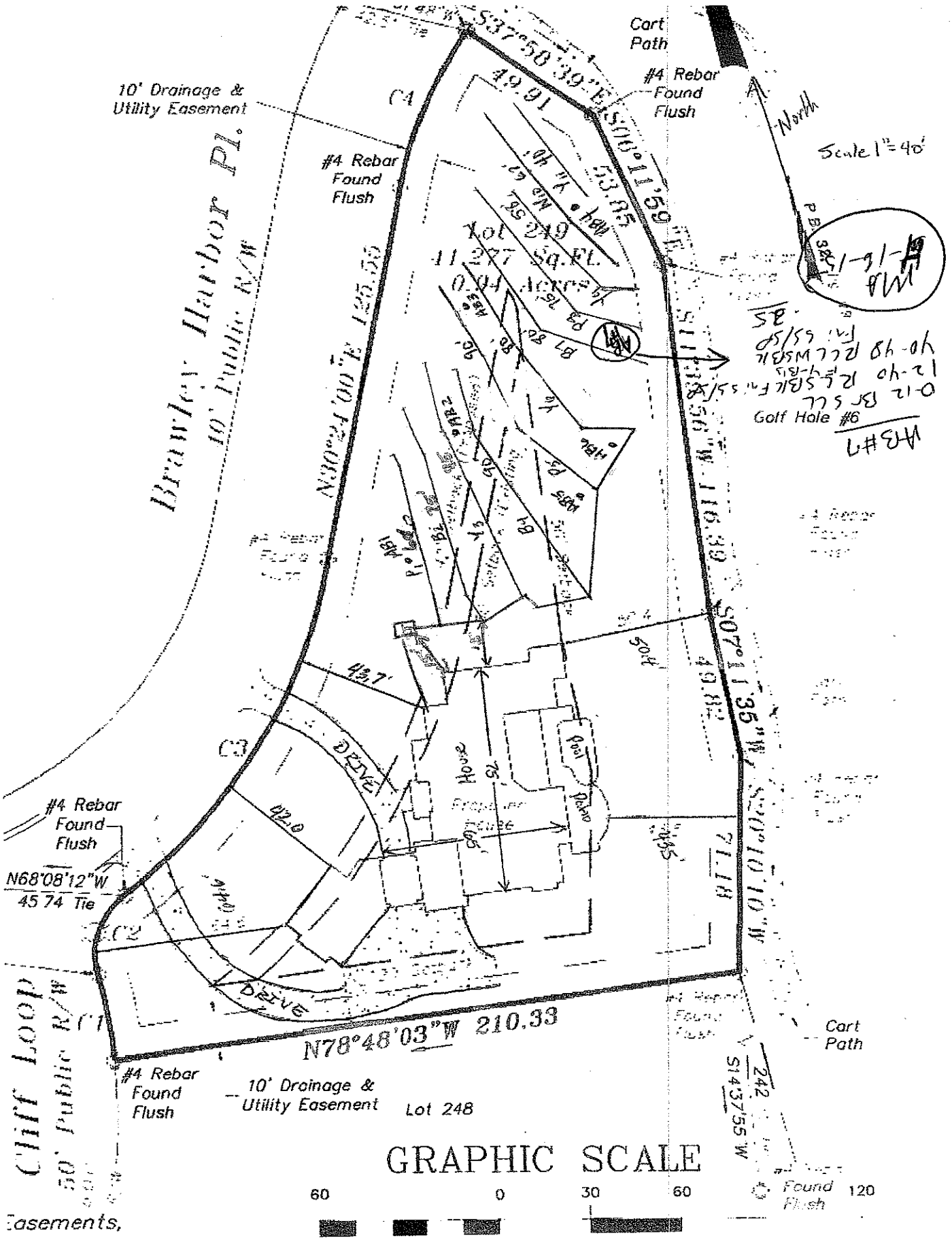
APPROVED APR 14 2015

Reference: Data Sheet for The Point; Lot 249; 150 Brawley Harbor Pl.; Iredell County
House Footprint: 75' x 65'
Building Setbacks: 50'front & rear/20' side
Water Source: Public Water
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.25 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-drop boxes/end cap
Septic Tank Size: 1500 gallons
Proposed Trench Bottom: ~~36"~~ 24-30" Initial 36" Repair

Line	Design Length	Actual Length
Pink 1	60'	60'
Blue 2	75'	75'
Yellow 3	85'	85'
Blue 4	90'	90'
Pink 5	90'	90'
Yellow 6	80'	80'
Blue 7		80'
Pink 8		75'
Yellow 9		58'
White 10		67'
Yellow 11		40'

Initial System: 480' **Repair System:** 320'

Comments:
The purpose of this evaluation was to re-permit an expired permit. During MA&A soil evaluation of the site, some wetness mottles were seen, so the LTAR has been lowered to 0.25 GPD/FT2. MA&A re-staked the septic area in the area permitted by Iredell County. The repair area has also been staked.


Cart Path
#4 Rebar Found Flush
10' Drainage & Utility Easement
#4 Rebar Found Flush
Brawley Harbor Pl.
10' Public R/W
N10°24'00"E 125.55
S37°50'39"E 53.85
49.91
C4
North
Scale 1"=40'
Lot 247
11,247 Sq. Ft.
0.04 Acres
Golf Hole #6
S07°11'35"W 116.39
S07°10'10"W 71.14
50.44
49.87
C3
DRIVE
House
Pool
Patio
42.0
C2
DRIVE
#4 Rebar Found Flush
N68°08'12"W
45.74 Tie
Cliff Loop
50' Public R/W
N78°48'03"W 210.33
#4 Rebar Found Flush
10' Drainage & Utility Easement
Lot 248
Cart Path
S14°37'55"W
242
#4 Rebar Found Flush
GRAPHIC SCALE
60 0 30 60 120

Easements,

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

Sheet 1 *of* 1
PROPERTY ID #: Lot 249; The Point
COUNTY: Iredell

APPROVED APR 14 2015

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Randall Stutts
ADDRESS: 4300 Sharon Rd. Apt. 343; Charlotte, NC 28112
PROPOSED FACILITY: 4-Bedroom Residence PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: Lot 249; The Point Subdivision; Brawley Harbor Place
WATER SUPPLY: Ξ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ΞAuger Boring ☐ Pit ☐ Cut

APPLICATION DATE
DATE EVALUATED: 3/26/2015
PROPERTY SIZE: 0.94 Acres
PROPERTY RECORDED: 08/26/2014
TYPE OF WASTEWATER: Ξ Sewage ☐ Industrial Process ☐ Mixed

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 9-10%	0"-9"	Br SCL WSBK	SS SP FR SEXP		48"	Few saporlite inclusions 32"-48".	None	.3
		9"-32"	R C SBK	SS SP FR SEXP					
		32"-48"	R CL WSBK	SS SP FR SEXP					
AB 2	L 9-10%	0"-13"	Br SCL WSBK	SS SP FR SEXP		48"	Few to common saporlite inclusions 39"-48"	None	.3
		13"-39"	R C SBK	SS SP FR SEXP					
		39"-48"	R CL WSBK	SS SP FR SEXP					
AB 3	L 9-10%	0"-5"	Br SCL WSBK	SS SP FR SEXP		48"	Few to Common saporlite inclusions 32"-48"	None	.3
		5"-32"	R C SBK	SS SP FR SEXP					
		32"-48"	R CL WSBK	SS SP FR SEXP					
AB 4	L 9-10%	0"-11"	Br SCL WSBK	SS SP FR SEXP		48"	Few to Common saporlite inclusions 38"-48"	None	.3
		11"-38"	R C SBK	SS SP FR SEXP					
		38"-48"	R CL WSBK	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1440 FT2	960 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	.25	.25

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

COMMENTS:

APPROVED APR 1 4 2015

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: Lot 249 The Point
DATE OF EVALUATION: 3/26/2015
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 5	L 9-10%	0"-18"	Br SCL WSBK	SS SP FR SEXP	YBrs @ 30" Chr.2 @ 45"	45"	Few to common Saporlite inclusions 30"-45"	None	.25
		18"-30"	RBr C SBK	SS SP FR SEXP					
		30"-45"	RBr CL WSBK	SS SP FR SEXP					
AB 6	L 9-10%	0"-8"	Br SCL WSBK	SS SP FR SEXP	YBrs @ 32"-48"	48"	Few to common Saporlite inclusions 32"-48"	None	.25
		8"-32"	RBr C SBK	SS SP FR SEXP					
		32"-48"	RBr CL WSBK	SS SP FR SEXP					

COMMENTS:

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Randy Stutts **(Additional Soil Notes)** APPLICATION DATE
ADDRESS: DATE EVALUATED:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949): PROPERTY SIZE:
LOCATION OF SITE: **Point Lot 249, 150 Brawley Harbor Place** PROPERTY RECORDED:
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	
7	LS 3%	0-12	BR SCL WSBK	FR SS/SP SEXP	F. Dr. Mottles	48"	n/a	n/a	PS .25
		12-40	R C SBK	FR SS/SP SEXP					
		40-48	R CL WSBK	FR SS/SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

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

EVALUATED BY:
OTHER(S) PRESENT:

COMMENTS