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

Sheet 1 of ____
PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

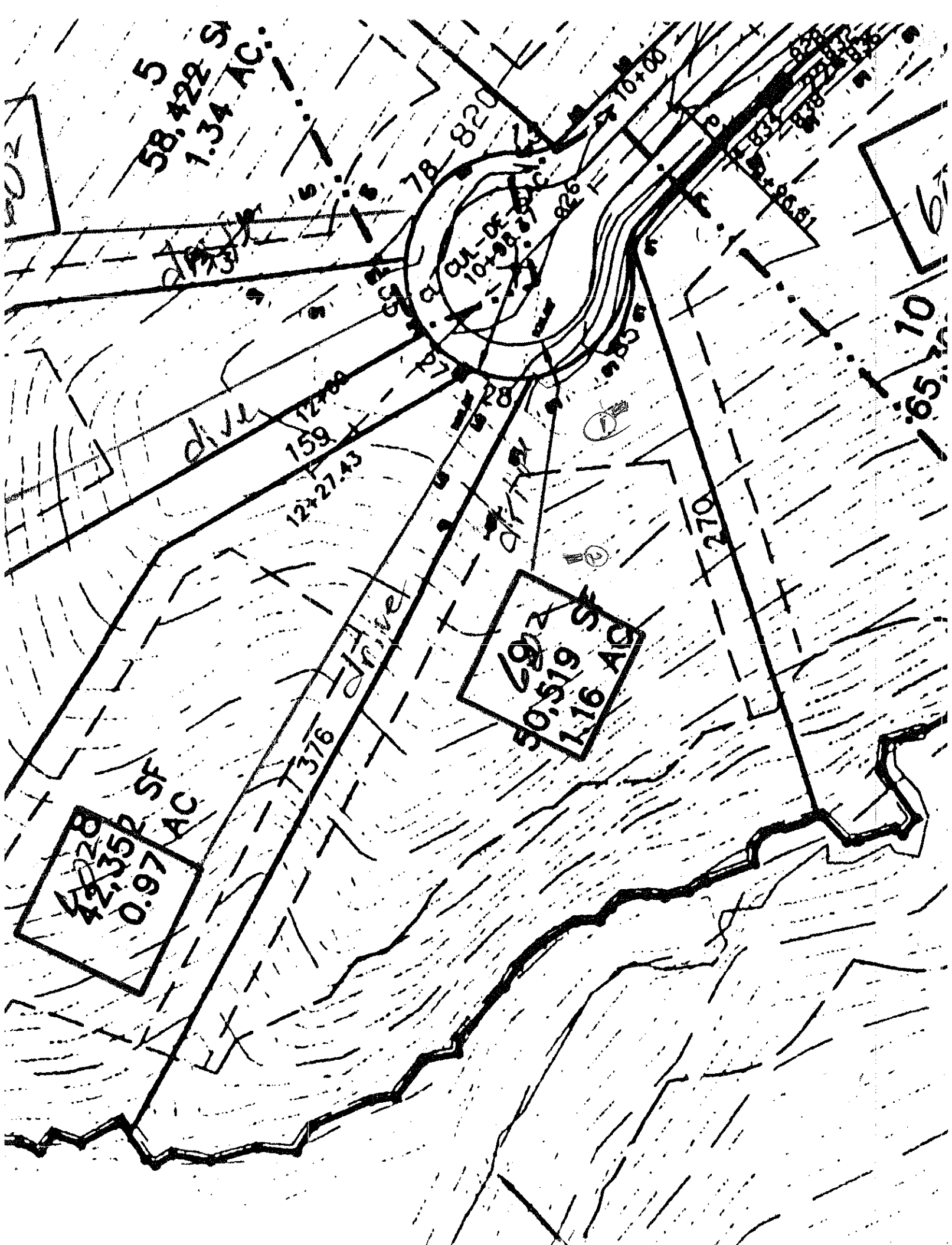
OWNER: ____ APPLICATION DATE ____
ADDRESS: ____ DATE EVALUATED: 10-16-03
PROPOSED FACILITY: ____ PROPOSED DESIGN FLOW (.1949): ____ PROPERTY SIZE: ____
LOCATION OF SITE: Lot 9 Beacon Pt PROPERTY RECORDED: ____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .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
1		0-9	gr fr sl	fr ss sp		(4)			(4)
		9-18	wk sbk pc	fi fr sp ss sy p					
		18+	Hard rock / Soil spown side						
2		0-13	gr brn sl/scl	fr ss sp		(4)			(4)
		23-48	w hard rock w/ some soil bkg						
3									
4									

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

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): (4)
EVALUATED BY: DBT
OTHER(S) PRESENT: Karl Cunningham

COMMENTS: SPE to be created


58,422 SF
1.34 AC
78
820
10+00
828
836
9+86.81
159
12+27.43
270
376
drive
50,519 SF
1.16 AC
42,358 SF
0.97 AC

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SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

APPLICATION DATE _____ DATE EVALUATED: 11-14-03

OWNER: _____ PROPERTY SIZE: _____

ADDRESS: _____ PROPERTY RECORDED: _____

PROPOSED FACILITY: 9A SFE PROPOSED DESIGN FLOW (.1949): 480 gpd

LOCATION OF SITE: Lot 3 Beaver Pt. ☐ Well ☐ Spring ☐ Other _____

WATER SUPPLY: ☒ Private ☐ Public ☐ Pit ☐ Cut

EVALUATION METHOD: ☐ Auger Boring ☐ Industrial Process ☐ Mixed

TYPE OF WASTEWATER: ☒ Sewage

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
1		0-5	WK fsbk brn scl	fri ssp					.25 / .3
		5-19	WK fsbk/mk yb cl	fri sp / sss sp	sap common in sap				
		19-33 (B-C)	WK fsbk gy scl	fri sss p					
		33-57	massive gy sl sap	fri sss p		install at 36" +6			
2		0-6	gr lam scl	fri ssp					.25 / .3
		6-15	WK fsbk/mk rbr c	fri sp ssp					
		15-23 (B-C)	WK fsbk gy scl	fri sss p					
		23-59	massive gy sl sap	fri ssp					
3	S 12-15%	0-5	gr brn sl	fri ssp					.25 / .3
		5-29	WK fsbk/mk rbr c	fri sp ssp	few-common in sap				
		29-45	WK fsbk WR cl	fri sss p					
		45-50	massive gy sl sap	fri sss p					
4		0-12	gr WK fsbk brn sil cl	fri ssp	few mi sap at bottom of horizon				.25 / .3
		12-29	WK fsbk/mk R brn c	fri sp ssp					
		29-53	massive gy sl sap	fri ssp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Pm 25% Red	LPP BAS
Site LTAR	.25	.25

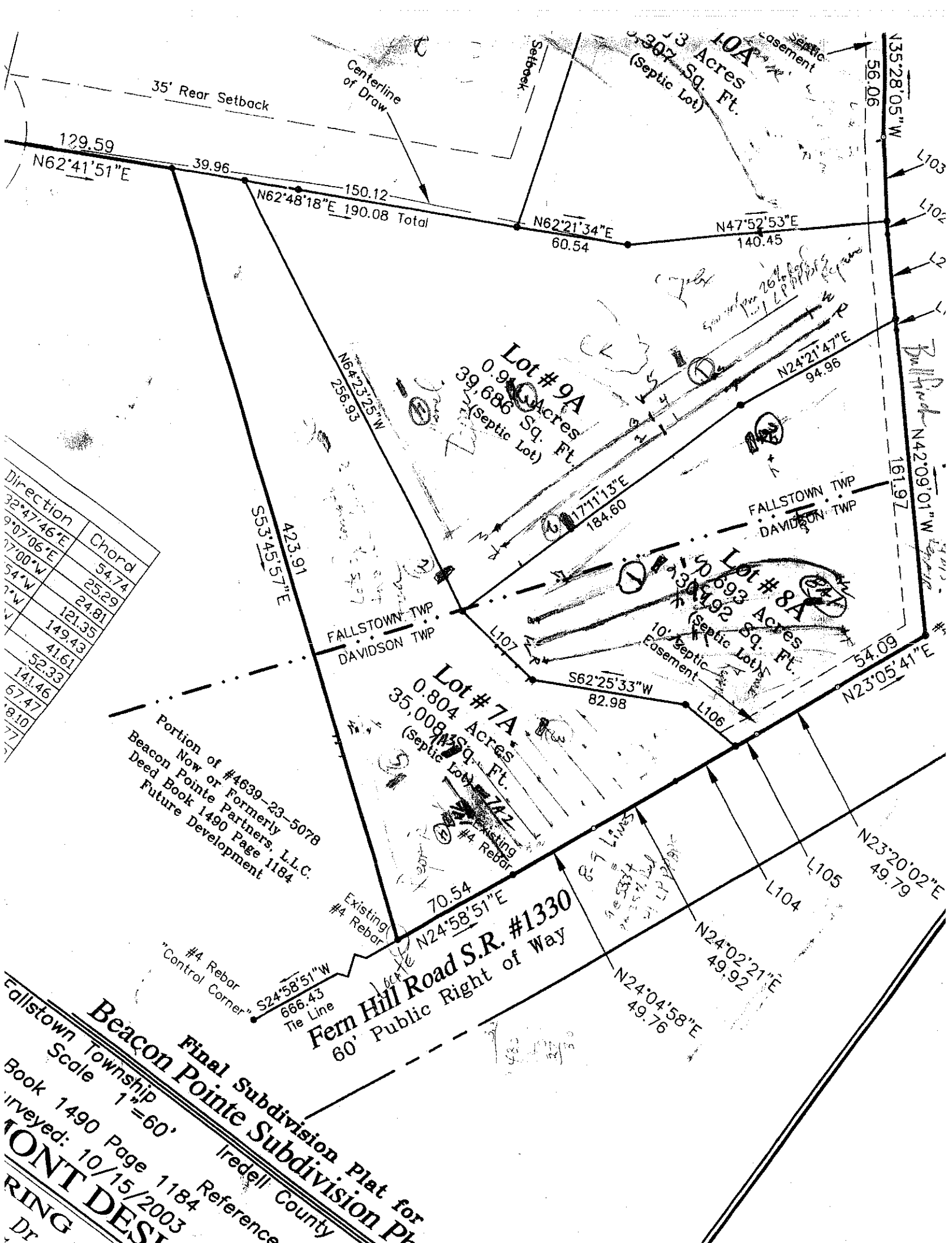
OTHER FACTORS (.1946): PS SFE 9A

SITE CLASSIFICATION (.1948): _____

EVALUATED BY: DRH Paul Pennington

OTHER(S) PRESENT: _____

COMMENTS: _____


Final Subdivision Plat for
Beacon Pointe Subdivision Pl
Fallstown Township
Iredell County
Scale 1"=60'
Reference
Book 1490 Page 1184
Surveyed: 10/15/2003
FRONT DESI
RING
Dr
Fern Hill Road S.R. #1330
60' Public Right of Way
Portion of #4639-23-5078
Now or Formerly
Beacon Pointe Partners, L.L.C.
Deed Book 1490 Page 1184
Future Development
Lot #7A
0.804 Acres
35,008 Sq. Ft.
(Septic Lot)
Lot #8A
0.693 Acres
30,192 Sq. Ft.
(Septic Lot)
Lot #9A
0.910 Acres
39,686 Sq. Ft.
(Septic Lot)
10A
3 Acres
307 Sq. Ft.
(Septic Lot)
35' Rear Setback
Centerline of Draw
Setback
10' Septic Easement
FALLSTOWN TWP
DAVIDSON TWP
129.59
N62°41'51"E
39.96
150.12
N62°48'18"E 190.08 Total
N62°21'34"E
60.54
N47°52'53"E
140.45
N35°28'05"W
56.06
N42°09'01"W
161.97
N23°05'41"E
54.09
N23°20'02"E
49.79
N24°02'21"E
49.92
N24°04'58"E
49.76
N24°58'51"E
70.54
S24°58'51"W
666.43
Tie Line
S53°45'57"E
423.91
N64°23'25"W
256.93
N17°11'13"E
184.60
N24°21'47"E
94.96
S62°25'33"W
82.98
L103
L104
L105
L106
L107
Existing #4 Rebar
#4 Rebar "Control Corner"
Direction
Chord
S32°47'46"E 54.74
S9°07'06"E 25.29
N7°00'W 24.81
N54°W 121.35
W 149.43
41.61
52.33
141.46
67.47
8.10