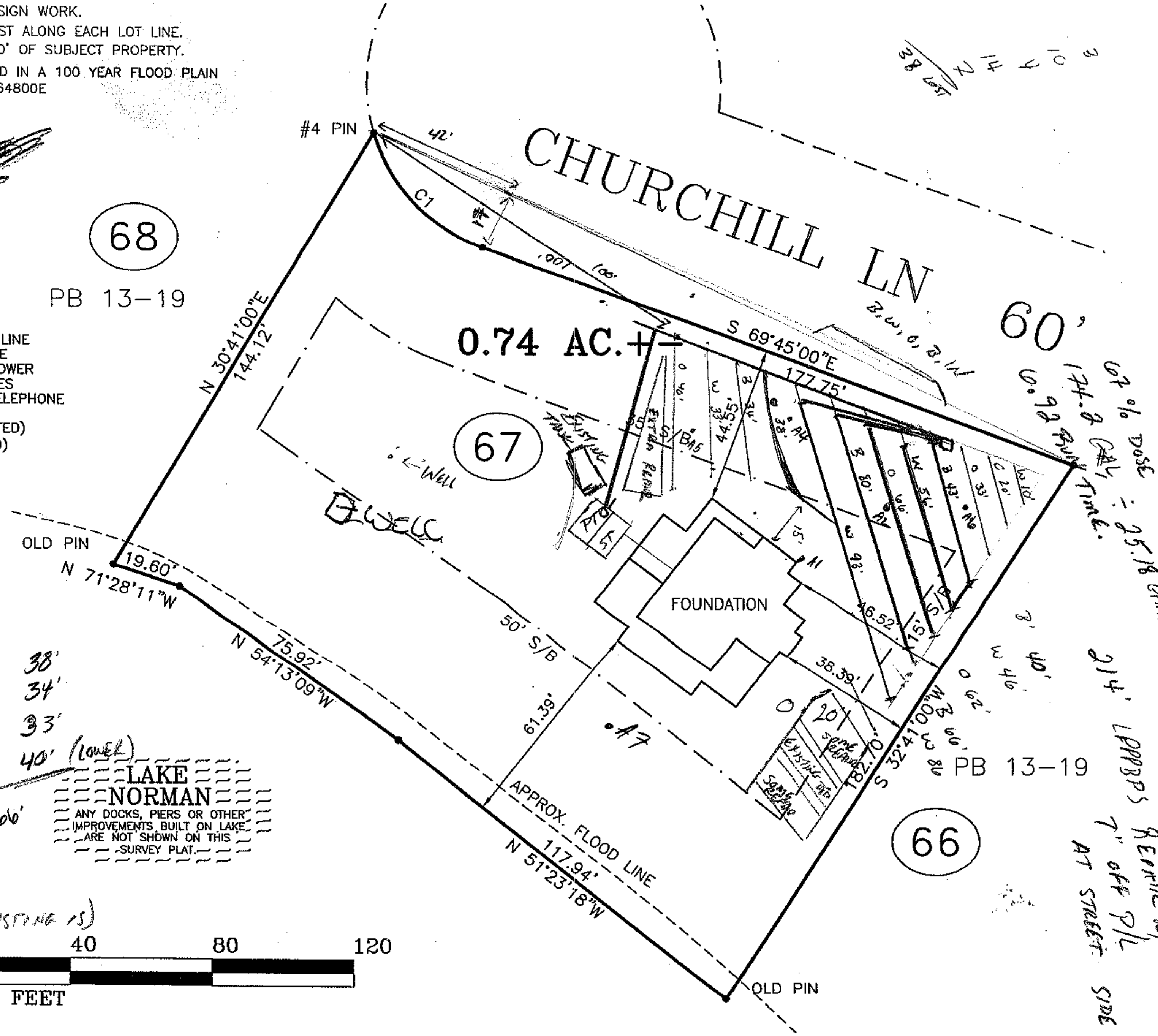
ONLY AND MAY NOT BE USED FOR DESIGN WORK.

* 10' DRAIN. & UTILITY EASEMENT MAY EXIST ALONG EACH LOT LINE.
* NO USGS MONUMENT FOUND WITHIN 2000' OF SUBJECT PROPERTY.
* A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN AS DESIGNATED BY FIRM PANEL # 3710464800E EFFECTIVE DATE: 3-18-2008

LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
= UTILITY POLE



W 10' (UPPER)
C 20'
O 33'
B 43'
W 56'
O 106'
B 80'
W 93'
O 20' (SIDE WHERE EXISTING IS)

O 38'
B 34'
W 33'
O 40' (LOWER)
566'

40 0 40 80 120
GRAPHIC SCALE - FEET

67% DOSE
174.8 GAL ÷ 25.18 GPM.
6.92 RUN TIME.

214' LPPBPS REPAIR W/ 7' OFF P/L AT STREET SIDE

5' OFF P/L

30" TRENCH BOTTOM

DENR/DEH

ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: TAYLOR APPLICATION DATE: JAN. 5TH
ADDRESS: 7242 SIGMON RD. SHERRILLS FORD NC DATE EVALUATED: 2/3/15
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 360 GPD. PROPERTY SIZE: .74 ACRE
LOCATION OF SITE: 119 CHURCHHILL LN. MOORESVILLE NC PROPERTY RECORDED: 1975
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
A5	LL 10%	0-8	BSCL, WSBK	FR, SS, SP		48"	N/A F-C SAP INCL 24"-44" MANY INCL. AT 44"-48"	N/A	.325 PS
		8-48	B/RCL, SBK/WSBK	" " "					
A6	LL 3%	0-2	BSCL, WSBK	SS, SP		43"	PS C-MANY SAP INCL 24"-43"	N/A	.325 PS
		2-43	RCL, WSBK/WSBK	VFR, SS, SP					
A7	LL 12%	0-8	FILL			44"	PS	N/A	.3 PS
		8-24	RC, SBK	FR, SS, SP	MANY SAP INCL. 30"-44"				
		24-44	RCL, WSBK	" " "					
		44-48	MASS SAP	VFR, " "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	APPROVED	APPROVED
Site LTAR	.3	.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SHANE LASHLEY
OTHER(S) PRESENT: ~~—~~

COMMENTS: ____

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 1
PIN #: 4648-34-0714
Lot #: 67
Permit #: 200671
AppID:

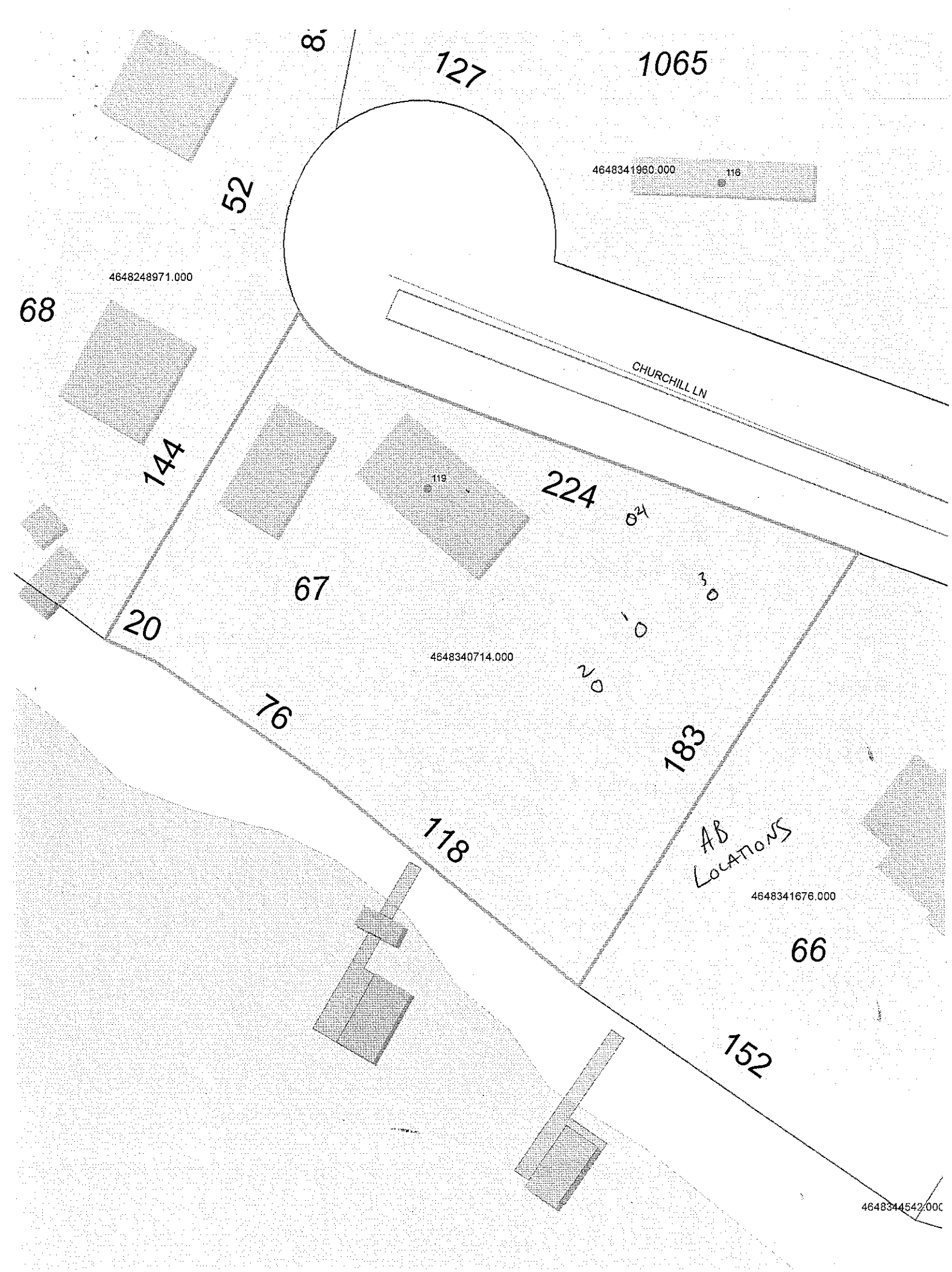
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: GREG COPPS
Applicant: SAME
Address: 2220 FERNCLIFF RD CHARLOTTE, NC
Date Evaluated: 1/17/2014
Proposed Facility: SFR
Design Flow (.1949) 360
Property Size: .74 AC
Location of Site: CL&T-12-67
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
AB 1	L 7%	0-36	RCL,M,SBK	SS,SP,FR	NA	48"	MANY @ 36"	48"+	.3
		36-48	RCL,W,SBK	SS,SP,VFR					
AB 2	L 10%	0-22	RC,M,SBK	SS,SP,FR	NA	48"	MANY @ 36"	48"+	.3
		22-48	RCL,W,SBK	SS,SP,VFR					
AB 3	L 3%	0-12	RC,M,SBK	SS,SP,FR	NA	48"	MANY @ 24"	48"+	.3
		12-48	CL,W,SBK	SS,SP,VFR					
AB 4	L 3%	0-8	GRAVEL		NA	40"	MANY THROUGH OUT	48"+	.3
		8-36	C,M,SBK	SS,SP,FR					
		36-48	CL,W,SBK	SS,SP,VFR					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	PM PANEL	LP PANEL
Site LTAR	.3	.3

Other Factors (.1946): OLD BED TO BE CUT OFF. OLD TANK TO BE CRUS
Soil Evaluation By: BEN ALDRIDGE
Others Present: NONE
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: BRADY FREEMAN


127
1065
4648341960.000
116
52
4648248971.000
68
CHURCHILL LN
144
119
224
67
20
4648340714.000
76
183
118
AB LOCATIONS
4648341676.000
66
152
4648344542.000

Lake Level
97.68
2.32' down

AB#1
L
7%
0-36 RCL MSBK, SS, SP, FR
36-48 RCL W, SBK SSS PVFR
MANY SAP
INC @ 36" .35

AB#2
L
10%
0-22 RCL MSBK SS SP FR
22-48 RCL WSBK SSSP VFR
MANY SAP
INC @ 36" .35

AB#3
L
3%
0-12 RCL MSBK SS SP FR
12-48 CL WSBK SSSP VFR
MANY SAP
INC @ 24" .3

AB#4
L
3%
0-8 OLD GRAVEL
8-36 C MSBK
36-48 CL WSBK
MANY SAP INC .3