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11:30 - 3:00pm

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4861325309
COUNTY: Iredell

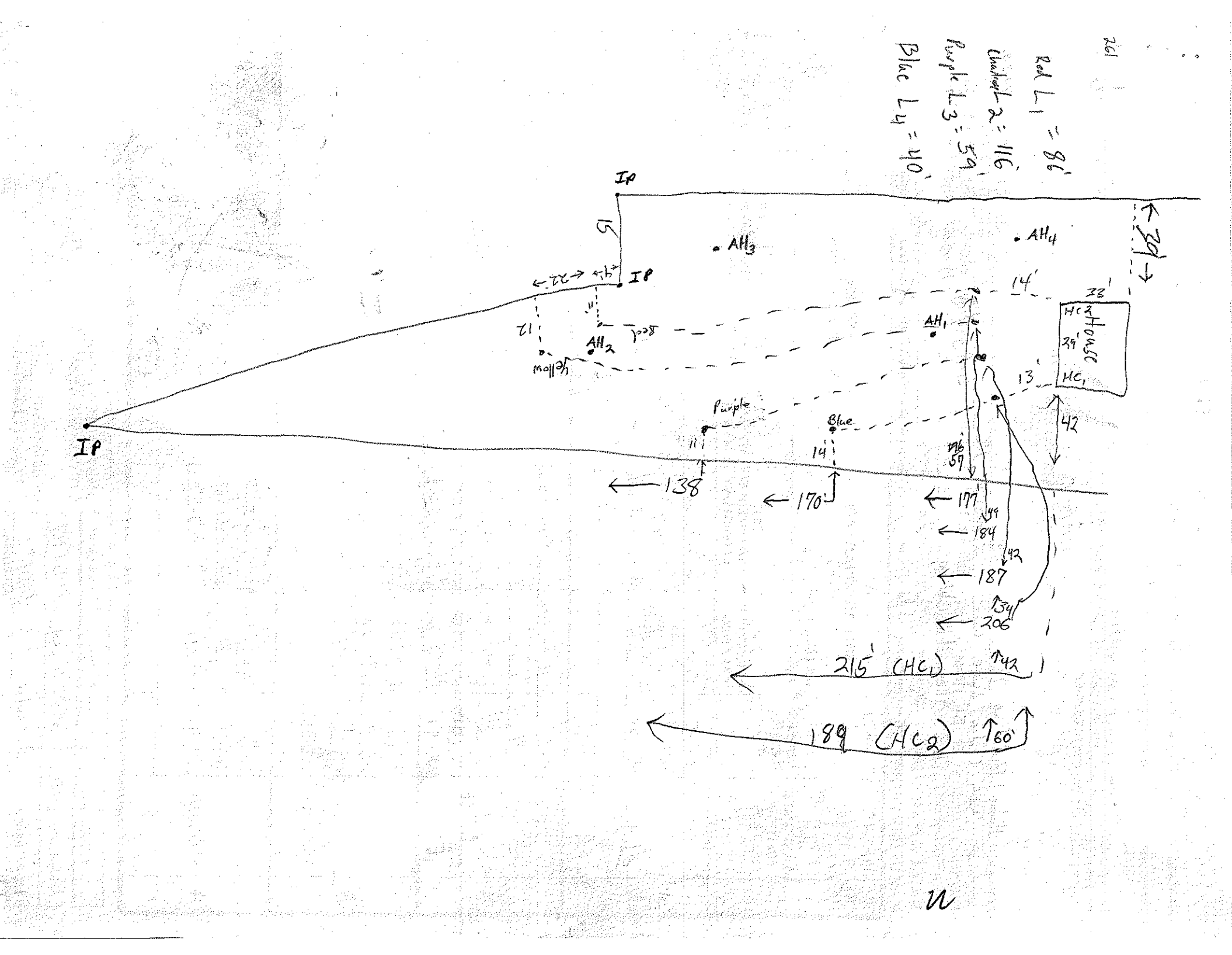
SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Home Building Inc — APPLICATION DATE: 10-30-15
ADDRESS: 329 Cedar Lake Court Statesville NC — DATE EVALUATED: 12-8-15
PROPOSED FACILITY: 3-BR House — PROPOSED DESIGN FLOW (.1949): 360 gal/day — PROPERTY SIZE: 0.57 acre
LOCATION OF SITE: 118 Allen Hills Way — PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut — TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slope shot w/ Laser ↓ 1.5' over 27' distance .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
AH 1	Sideslope 5%	0-27"	weak ABK Clay	Slightly Firm, SS, Sp, Sexp	abundant mica few → common SAP inclusions	47	—	—	PS 0.3
		27-47"	weak SBK clay Loam	Slightly Friable, SS, Sp, Sexp					
		47"-49"	Loamy Saprolite massive	Friable + well drained					
2	Sideslope 5%	0-5"	weak SBK Sandy clay Loam	Slightly Firm, SS, Sp, Sexp	—	42	—	—	PS 0.3
		5-17"	weak SBK Clay	Slightly Firm, SS, Sp, Sexp					
		17"-37"	Clay Loam weak SBK w/ Mica	Friable, SS, Sp, Sexp					
		37'-42"	Granular Loam weak SBK w/gravels	Friable coarse, SS, Sp, Sexp					
		42-49"	Loamy Saprolite massive	Very well drained, + Friable					
3	Sideslope 5%	0-23	Clay weak SBK	Slightly Firm, SS, Sp, Sexp	—	44	—	—	PS 0.3
		23-44	Clay Loam weak SBK	Friable, SS, Sp, Sexp					
		44-49	Loamy massive Saprolite	Well Drained + Friable					
4	side slope 5%	0-4"	weak SBK Sandy clay Loam	Slightly Firm SS, Sp, Sexp	—	—	—	—	PS 0.3
		4-30	Clay weak SBK	Slightly Firm, SS, Sp, Sexp					
		30-48	Clay Loam weak SBK	Friable, SS, Sp, Sexp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300 L.F. Chamber	200 L.F. ABS
System Type(s)	Chamber	ABBS

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck ICHD
OTHER(S) PRESENT: —


Red L1 = 86'
Chartreuse L2 = 116'
Purple L3 = 59'
Blue L4 = 40'
IP
IP
IP
AH3
AH4
AH1
AH2
mallow
Purple
Blue
14'
33'
HC2 House
HC1
13'
42
138
170
177
184
187
206
215' (HC1)
189 (HC2)
60'