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

Sheet ___ of ___
PROPERTY ID #:
COUNTY: Iredell

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

L1 (Blue) '114'
L2 (white) 138'
L3 (Blue) 81
333

OWNER: Capote Builders + Developers
ADDRESS: 5426 Capote Rd. Maiden, NC
PROPOSED FACILITY: 3 BR House
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 112 Pine Ct. Statesville, NC
APPLICATION DATE 7-11-16
DATE EVALUATED: 8-19-16
PROPERTY SIZE: 0.738 acres
PROPERTY RECORDED: Yes

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 1A	HS 12%	0-8	Br. Clay Loam v. weak SBK	SL. Friable, SS, SP, SOSP	—	31	—	—	Backhoe?
		8-26	R. Clay w/ SBK	SL. Firm, SS, SP, SOSP					
		26-31	R. Clay Loam w/SBK + Abundant Saprolite	SL. Friable, SS SP, SOSP					
		31+	Dense Saprolite						
			Need backhoe pits						
2	HS 12%	0-8	Br. Clay Loam w/SBK	SL. Friable, SS, SP, SOSP	—	48	—	—	0.3 PS
		8-30	R. Clay w/SBK	SL. Firm, SS SP, SOSP					
		30-48	Heavy R. Clay Loam V. Weak SBK	SL. Firm, SS, SP, SOSP					
3	HS 12%	0-7	R. Clay Loam w/SBK	SL. Friable, SS SP, SOSP	—	48	—	—	0.3 PS
		7-36	R. Clay v. weak SBK	SL. Firm, SS, SP, SOSP					
		36-48	R. Clay Loam w. SBK	SL. Friable, SS SP, SOSP					
4	HS 12%	0-8	R. Clay Loam w. SBK	SL. Friable, SS, SP, SOSP	—	48	—	—	0.3 PS
		8-36	R. Clay w/ SBK	SL. Firm, SS, SP, SOSP					
		36-48	R. Clay Loam w/SBK w/Saprolite	Friable, SS, SP, SOSP					

(5) See rear of page

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	330+'	200+
System Type(s)	25% reductio	50% Reduction
Site LTAR	0.30	0.36

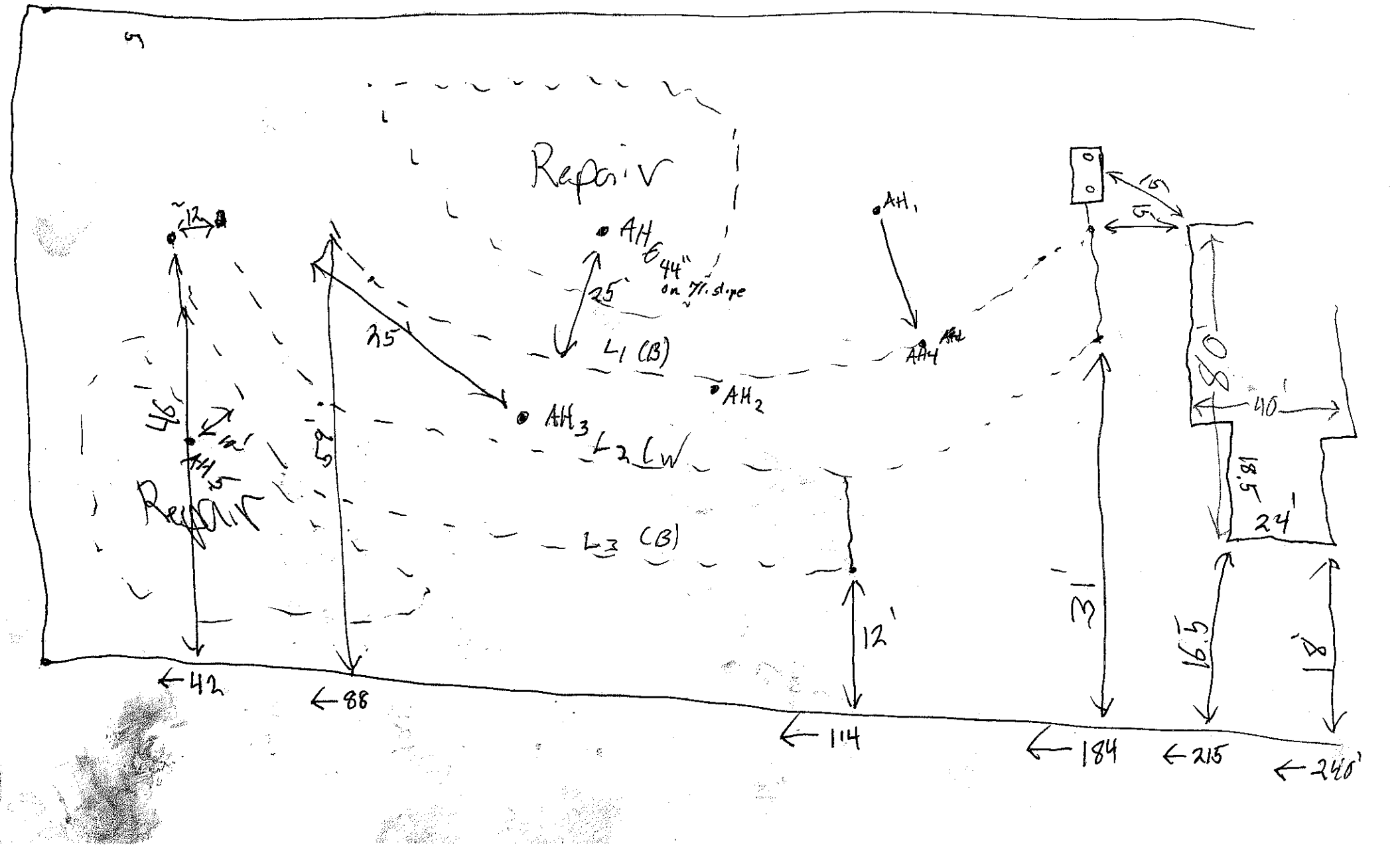
OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: [signature]
OTHER(S) PRESENT:

COMMENTS:

AH5 0-7 CL w.w. SDK

HS 7-35 C w. SDK 6% Fines, 20 Ft. Seep 0.3

12% 35-46 CL w. SDK Fr. SS 9 Ft. Seep #5



DHHS

ON-SITE WASTEWATER SECTION

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

Bottom L 8.34 81 181
Top L 6.81 114 =7 130 + 16 = 7 146
Mid L 7.74 138 = 7158
389 + 16 = 7 405

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

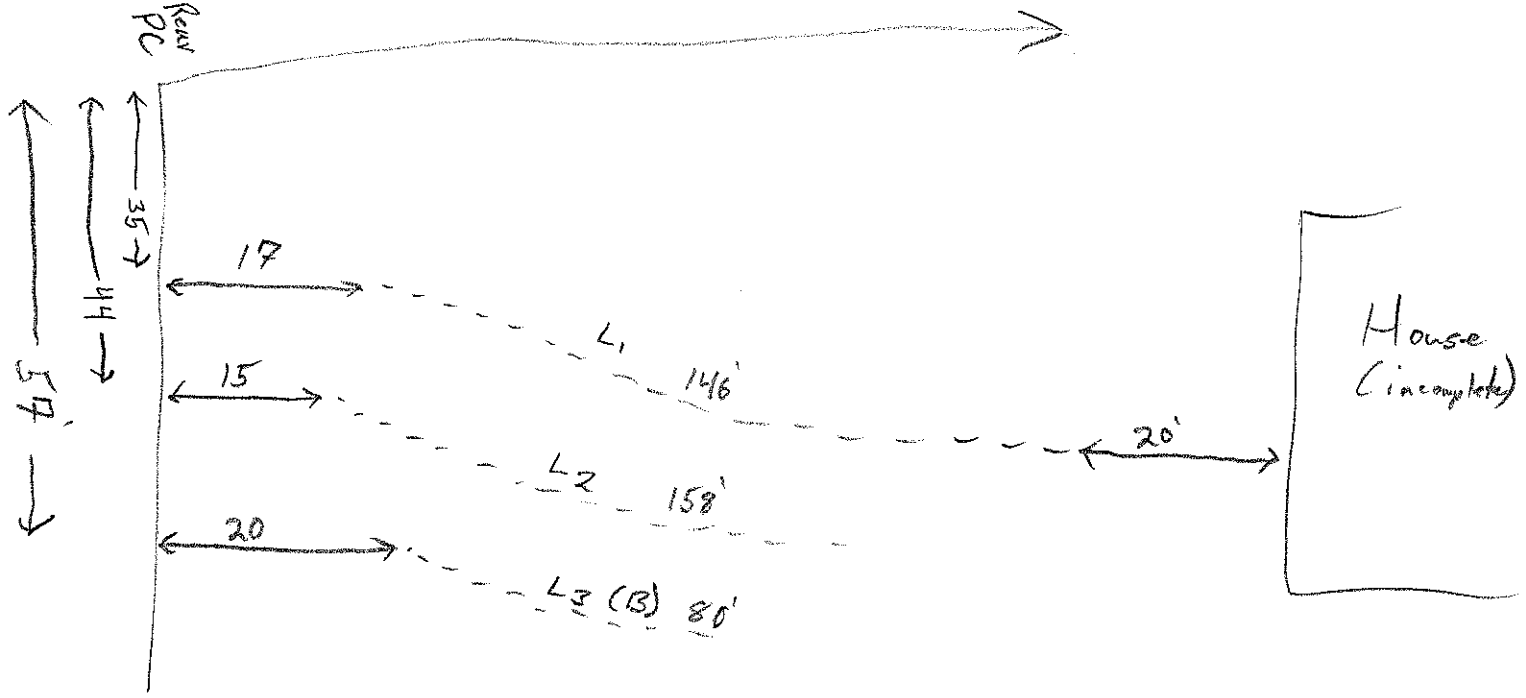
OWNER: Capote Builders
APPLICATION DATE: 2-7-17
ADDRESS: 5426 Capote Rd. Maiden, NC
DATE EVALUATED: 3/2/17 +3/6/17
PROPOSED FACILITY: 4 BR House
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: 0.738 acres
LOCATION OF SITE: 112 Ping Ct Statesville
PROPERTY RECORDED: Yes
WATER SUPPLY: ☐ Private ☒ 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	25% Slope Front Yard middle	0-14 14-15 SCL	Fill SCL v.w. SBK	Sl. Firm SS, Sp, Smp	—	14-40"	—	—	Pit Needed
		15-31	Clay W. SBK	Sl. Firm, SS, Sp, Smp					
		31-40	Clay Loam (Many) V. W. SBK	Sl. Firm, SS, Sp, Smp					
		40	Dense in place Saprolite	—					
2	Distal Primary Rear Yard	0-5	SCL v.w. SBK	Sl. Firm, SS, Sp, Smp	—	46	—	—	0.3 PS
		5-30	Clay W. SBK	Sl. Firm, SS, Sp, Smp					
		30-48	Clay Loam v.w. SBK	Friable, Sl, Sp, Smp					
3/6 Pit 1	25% Front Yard Middle	0-11	mixed Fill (Loamy)	Crescent construction activity	—	39"	—	—	0.25 PS
		11-19	SCL v.w. SBK	Sl. Firm, SS, Sp, Smp					
		19-30	Clay some mica W. SBK	Sl. Firm, SS, Sp, Smp					
		30-39	Hvy Clay Loam w. SBK some Smp	Sl. Friable, SS, Sp, Smp					
		39-60	MA Loamy Saprolite	Friable + Moderately Dominant → some Denser pockets					
3/6 Pit 2	Middle Back (Saprolite Area)	0-20"	Clay W-M SBK	Sl. Firm, SS, Sp, Smp	—	52"	—	—	0.275 PS
		20-52"	V.w. SBK Clay Loam w/some Dense SAP inclusions @ 28"-34"	Sl. Friable, SS, Sp, Smp					
		some	SAP (Loamy) pockets from 40"-52"						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	300+
System Type(s)	25%	50%
Site LTAR	0.3	0.25

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

COMMENTS: ____


Rear PC
35'
44'
54'
17
15
20
L1
146'
L2
158'
L3 (B)
80'
20'
House
(incomplete)