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)

OWNER: Allan Lewis
ADDRESS: ___
APPLICATION DATE 12-12-16
DATE EVALUATED: 12-29-16
PROPOSED FACILITY: 3 BR
PROPOSED DESIGN FLOW (.1949): 360 GPD
PROPERTY SIZE: 1.29 acres
LOCATION OF SITE: 2328 Old Mountain Rd 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	In front of Barn/Cinder Structure	0-18	Loam v.w SBK	SI Firm, SS, Sp, Sexp	—	56"	—	—	0.275 PS
		18-56"	Clay w+m SBK	Firm, SS, Sp, Sexp					
			Trace Saprol, f						
2	Fill Area	0-5"	Loamy Sand Fill	—	—	55"	—	—	0.250
		5-14"	Loam v.w+m SBK	SI Firm, SS, Sp, Sexp					
		14-55"	Clay SBK (red) trace mica	Firm, Sl Sticky, Sp, Sexp					
			TB 30-36"						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		360'
System Type(s)		25% reduction
Site LTAR		0.25

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

COMMENTS: ___

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Sheet ____ *of* ____
PROPERTY ID #: _____
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L1 30' Pink 80' Blue L2 L3 Pink L4 Blue = 70 92 = 7 248 L5 Pink = 62

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

OWNER: Alan Lewis
ADDRESS: 2328 Old Mountain Rd.
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____
LOCATION OF SITE: _____

APPLICATION DATE _____
DATE EVALUATED: _____
PROPERTY SIZE: _____
PROPERTY RECORDED: _____

WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

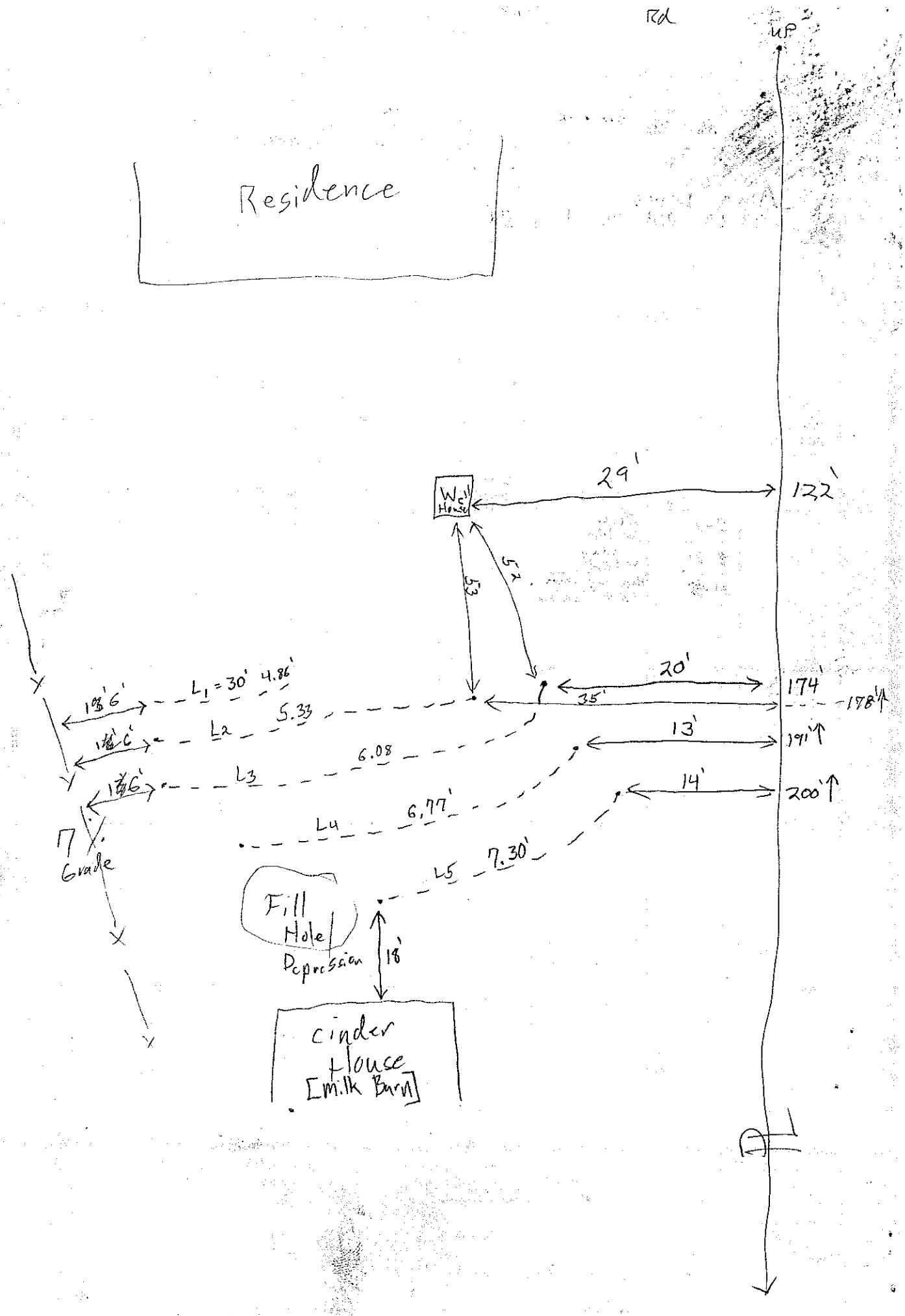
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-8	SCL w.SBK						
		8-31	Clay w.SBK						
		31-48	Heavy Clay Loam w.SBK Y-B Mottles						
2		0-≈12"	Fill (mixed)						P,F Needed
3									
4									

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: _____


Rd
up
Residence
Well House
29'
122'
53'
57'
20'
174'
35'
178'
13'
191'
14'
200'
18'6"
L1 = 30'
4.86'
L2
5.33
L3
6.08
L4
6.77'
L5
7.30'
Grade
Fill Hole Depression
18'
cinder house [milk Barn]