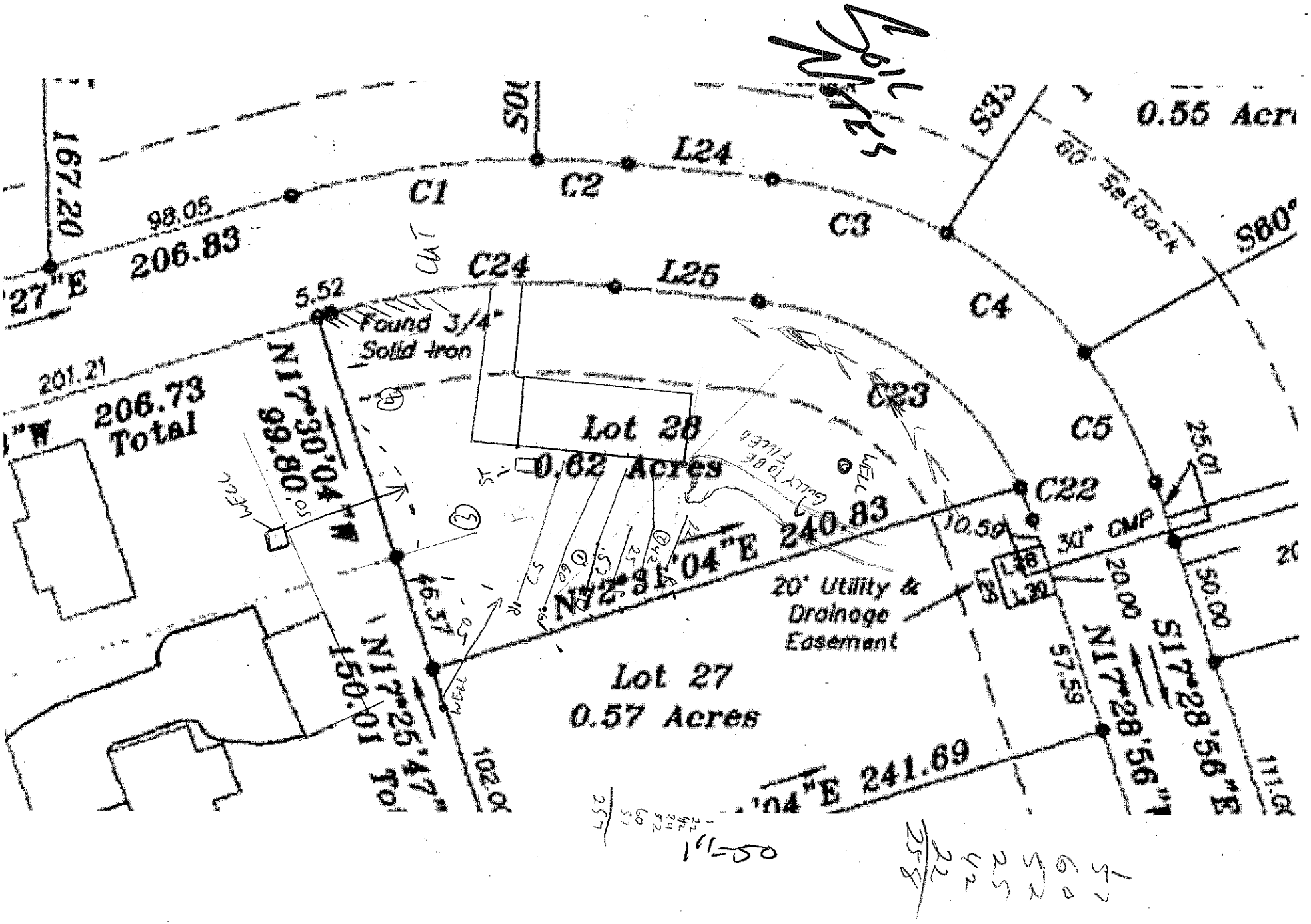

Lot 28
0.62 Acres
Lot 27
0.57 Acres
20' Utility & Drainage Easement
Found 3/4" Solid Iron
206.83
206.73 Total
201.21
98.05
167.20
240.83
241.69
150.01
102.0
57.59
50.00
25.01
10.59
20.00
30" CMP
60' Setback
0.55 Acr
S80°
S33
L24
L25
C1
C2
C3
C4
C5
C22
C23
C24
S01
CUT
WELL
N17°30'04"W 99.80
N17°25'47"W
N17°28'56"E
S17°28'56"E
N72°31'04"E 240.83
N72°31'04"E 241.69

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 476140 9015
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Thornton Brooks — APPLICATION DATE 8-24-15
ADDRESS: 741 Big Indian Lp Mooresville — DATE EVALUATED: 9-19-15
PROPOSED FACILITY: 3 Bedrooms — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: 0.62 ac
LOCATION OF SITE: 114 Fairhaven — 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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	LSS 12%	0-10	RB CL WFSBK	Fr SS SP SE SP	-	43"	PS	-	PS .35
		10-16	YR CL WFSBK	Fr SS SP SE SP	common kaolinite				
		16-43	YR CL WFSBK	Fr SS SP SE SP	common, feldspar and sap				
		43-49	Var SL Sap PA	Fr SS SP SE SP	common YR CL incl common mica + feldspar				
B 2	LSS 11%	0-11	RB SCL/CL WFSBK	Fr SS SP SE SP	- common mica	36"	PS	-	PS .35
		11-23	R CL WFSBK	Fr SS SP SE SP	common sap, feldspar common				
		23-36	YR CL WFSBK	Fr SS SP SE SP	few YR CL incl, few feldspar				
		36-48	Var SL Sap PA	Fr SS SP SE SP					
B 3	LSS 8%	0-12	B SCL Gr	Fr SS SP SE SP		48"	-	-	PS .25
		12-37	RC WFSBK/PASBK	Fr SS SP SE SP	few/com RB				
		37-48	R CL WFSBK	Fr SS SP SE SP	few sap, common mica				
B 4	LSS 5%	0-8	B SCL Gr	Fr SS SP SE SP		48"	-	-	PS .275-.25
		8-31	RC MFSBK	Fr S P SE SP	few YB				
		31-48	R CL WFSBK	Fr SS SP SE SP	few sap common mica				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Gravity 25%	LP PPBPS
Site LTAR	0.35	0.25

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: AZP
OTHER(S) PRESENT: None

COMMENTS: