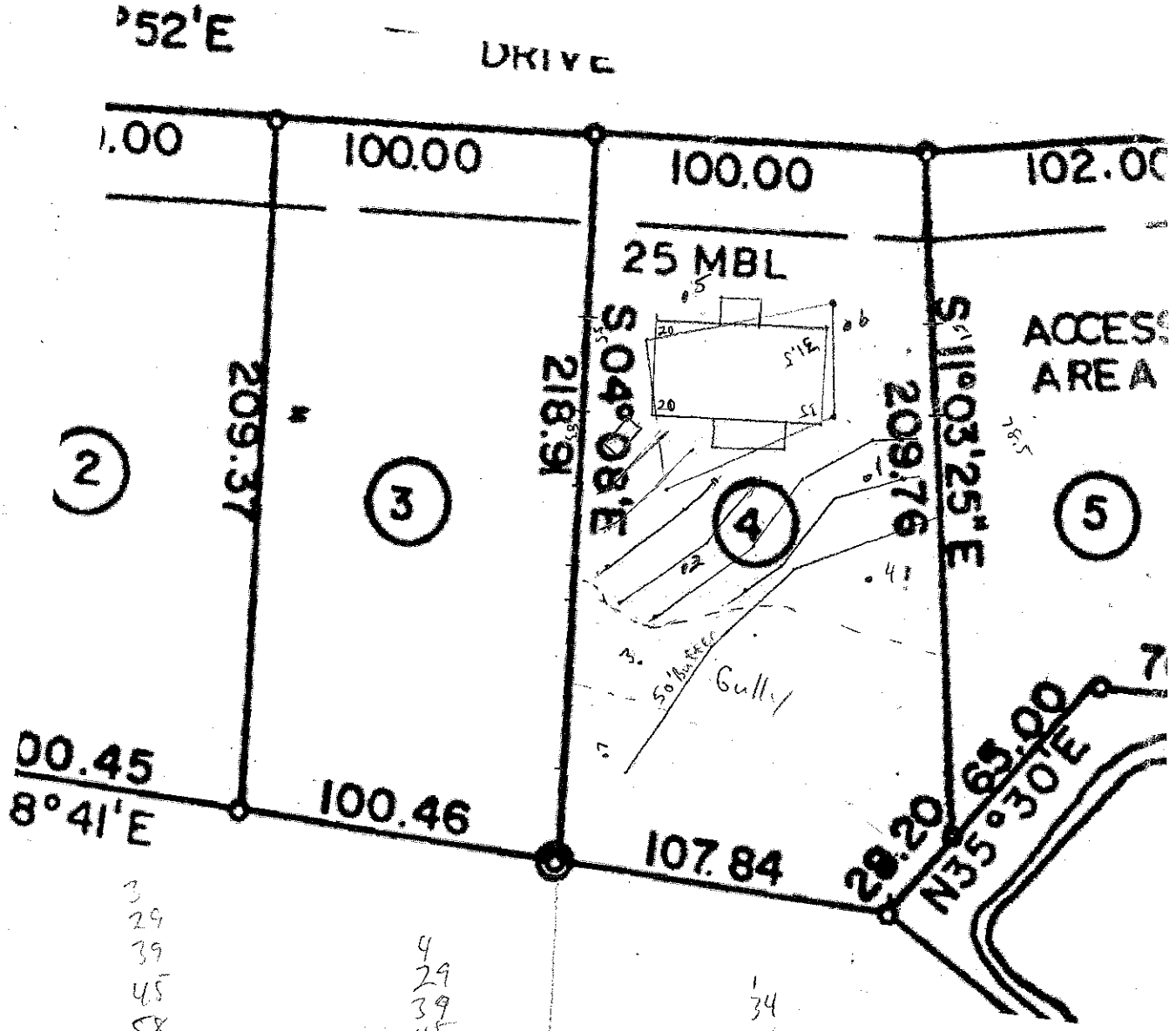


3 29 39 45 58 104 71 = 346

4 29 39 45 58 99 67 = 337

1 34 41 104 71 = 250 75 = 325

20 20 35 15

26 38 42 58 98 66 = 328

DHHS

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4636-60-7934
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Christian Thomas APPLICATION DATE 3-2-16
ADDRESS: 5217 Roundstone Way Apt 108 Charlotte NC 28216 DATE EVALUATED: 4-7-16
PROPOSED FACILITY: 3 BRM PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: 0.58
LOCATION OF SITE: 134 Peninsula Dr Mooresville 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
B6	LSS 8%	0-16	Fill						
		16-17	B scl gr	Fr ss sp sb xp					
		17-28	YR cl wfsbk	Fr ss sp sb xp	common mica	45"	PS	—	PS .35 > 16"
		28-37	YR cl wfsbk	Fr ss sp sb xp	common fer sep				
		~~37-45~~	YR cl wfsbk	Fr ss sp sb xp	common sap				
		45-48	Ver sl sapm	Fr ss sp sb xp					
B7	LSS 15%	0-4	DB cl wfsbk	Fr ss sp sb xp					
		4-48	RC l wfsbk	Fi sp sb xp	few iron Mn	48"	—	—	PS .275

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Partial Pre-1983 lot
System Type(s)	Gravity 25% Reduction	LPP BPS
Site LTAR	0.275	0.275

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

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
B1	LSS 15%	0-12	F'll			48"	-	-	PS .285 .25
		12-18	B CL wFSBk	Fr SS SP SE wP					
		18-40	R C/CL wFSBk	Fr SS SP SE wP	few Mn				
		40-48	R CL wFSBk	Fr SS SP SE wP	few F&M, few Yellow mottles				
B2	LSS 15%	0-10	B CL wFSBk	Fr SS SP SE wP		48"	-	-	PS .35
		10-19	R C wFSBk	Fr SS SP SE wP					
		19-22	R CL wFSBk	Fr SS SP SE wP	few Mn				
		22-44	R CL wFSBk	Fr SS SP SE wP	few sap				
		44-48	YR CL wFSBk	Fr SS SP SE wP	Com sap				
B3	LSS 15%	0-26	F'll			48"	-	-	PS .37 26"
		26-34	B CL wFSBk	Fr SS SP SE wP					
		34-48	R C wFSBk	Fr SS SP SE wP	Com sap				
B4	LSS 15%	0-6	B CL wFSBk	Fr SS SP SE wP		48"	-	-	PS .225
		6-32	R C wFSBk	Fr SS SP SE wP	Com Mn				
		32-48	YR CL wFSBk	Fr SS SP SE wP	few Mn				
B5	LSS 8%	0-19	F'll			48"	-	-	PS .35
		19-21	B SCL Gr	Fr SS SP SE wP					
		21-28	YR CL wFSBk	Fr SS SP SE wP	Com mica				
		28-34	YR SCL Gr	Fr SS SP SE wP					
		34-37	YR CL wFSBk	Fr SS SP SE wP	Common many Sap				
		37-48	YR L wFSBk	Fr SS SP SE wP					

COMMENTS: _____