Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 4615-90-5475
Lot #: 15
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Robert P. Rinaldi
Address: 112 Wisteria Ln Mooresville NC 28117
Proposed Facility: 4 Brm Design Flow (.1949) 480 gpd
Location of Site: 483 Stonemarker Rd Mooresville NC 28117
Water Supply: [ ] Public [✓] Individual [✓] Well [ ] Spring [ ] Other
Evaluation Method: [✓] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [✓] Sewage [ ] Industrial Process [ ] Mixed

Applicant: John C. Richards
Date Evaluated: 11-7-13
Property Size: 0.913 ac
Property Recorded: Yes

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 Structure/ Texture	SOIL MORPHOLOGY 1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr. Horiz.	Profile Class & LTAR
B1	SS 5%	0-14	B SL/LS G	Fr SS SP SE/P	very few YB,	48"	—	—	PS .275-.25
		14-48	DR C WFSBk	Fr SP SE/P					
B2	SS 5%	0-10	B SL/LS G-	Fr SS SP SE/P		48"	—	—	PS .25
		10-24	DR C WFSBk/AGh	Fr S P SE/P	Com YB				
		24-48	DR C WFSBk	Fr SS SP SE/P	very few YB				
B3	SS 3-4%	0-10	B ~~LS~~ SG	Fr SS SP SE/P		48"	—	—	PS .275
		10-26	DR C WFSBk	Fr S P SE/P					
		26-48	R C/SC WFSBk	Fr SS SP SE/P	very few YB				
B4	SS 5%	0-8	B SL G-	Fr SS SP SE/P		48"	—	—	PS .25
		8-24	DR C WFSBk/AGh	Fr S P SE/P	Com YB				
		24-48	RC/SC WFSBk	Fr SS SP SE/P	very few YB				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% Red.	LP PPBPS
Site LTAR	0.25	0.25

Other Factors (.1946): None
Soil Evaluation By: ALP
Others Present: None
Site Classification (.1948): PS
Site Evaluation By: ALP
Others Present: None

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SOIL/SITE EVALUATION
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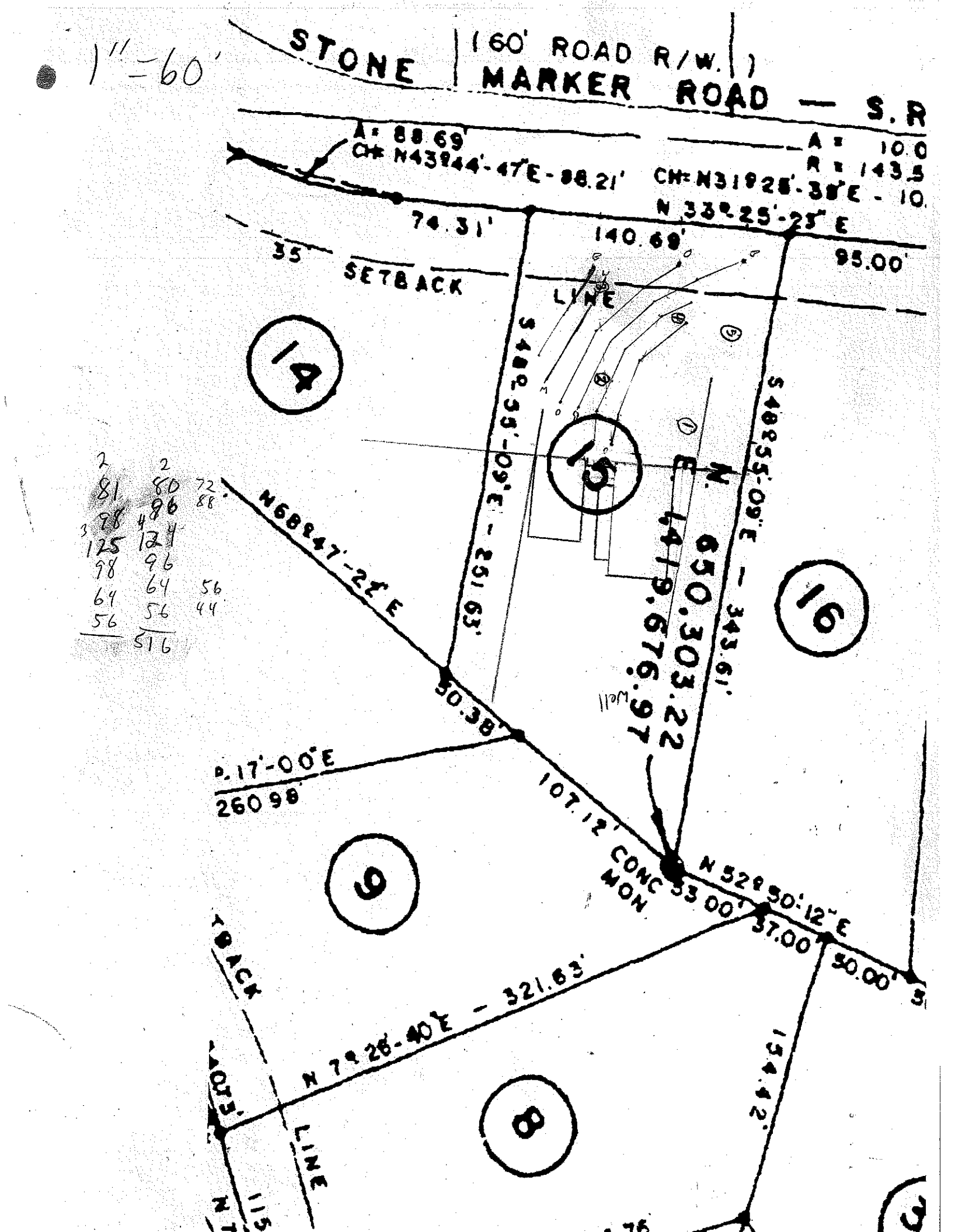
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Address: 112 Wistful Ln Mooresville NC 28117
Proposed Facility: 4 Brm Design Flow (.1949) 480 gpd
Location of Site: 483 Stonemarker Rd Mooresville NC 28117
Water Supply: [ ] Public [✓] Individual [✓] Well [ ] Spring [ ] Other
Evaluation Method: [✓] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [✓] Sewage [ ] Industrial Process [ ] Mixed

Applicant: John C. Richards
Date Evaluated: 11-7-13
Property Size: 0.913ac
Property Recorded: yes

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
B5	SS 3-4%	0-14	Fill/old stump hole			48"	—	—	PS .275 .25
		14-20	B SL Gr	Fr SS SP SE mP					
		20-48	DR CL WF SBK	Fr S SP SE mP	very few FB				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% Red	LP PPBPS
Site LTAR	0.25	0.25

Other Factors (.1946): None
Soil Evaluation By: ALP
Others Present: None
Site Classification (.1948): PS
Site Evaluation By: ALP
Others Present: None


1"=60'
STONE MARKER
160' ROAD R/W.
ROAD — S.R
A= 88.69'
CH= N43°44'-47"E - 86.21'
A = 10.0
R = 143.5
CH= N31°26'-38"E - 10.
N 33°-25'-25" E
74.31'
140.69'
95.00'
35' SETBACK LINE
14
15
16
9
8
S 48°-55'-09"E - 291.63'
S 48°-55'-09"E - 345.91'
N 41°-04'-51" E 930.303.22
N68°47'-22"E
50.38'
S 17°-00'E
260.98'
107.12' CONC MON
N 32°-30'-12"E
33.00'
37.00'
50.00'
N 7°-26'-40"E - 321.63'
154.42'
LINE
2 2
81 80 72
88 86 88
88 88
125 124
98 96
64 64 56
64 56 44
56
516