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LICENSED SOIL SCIENTIST
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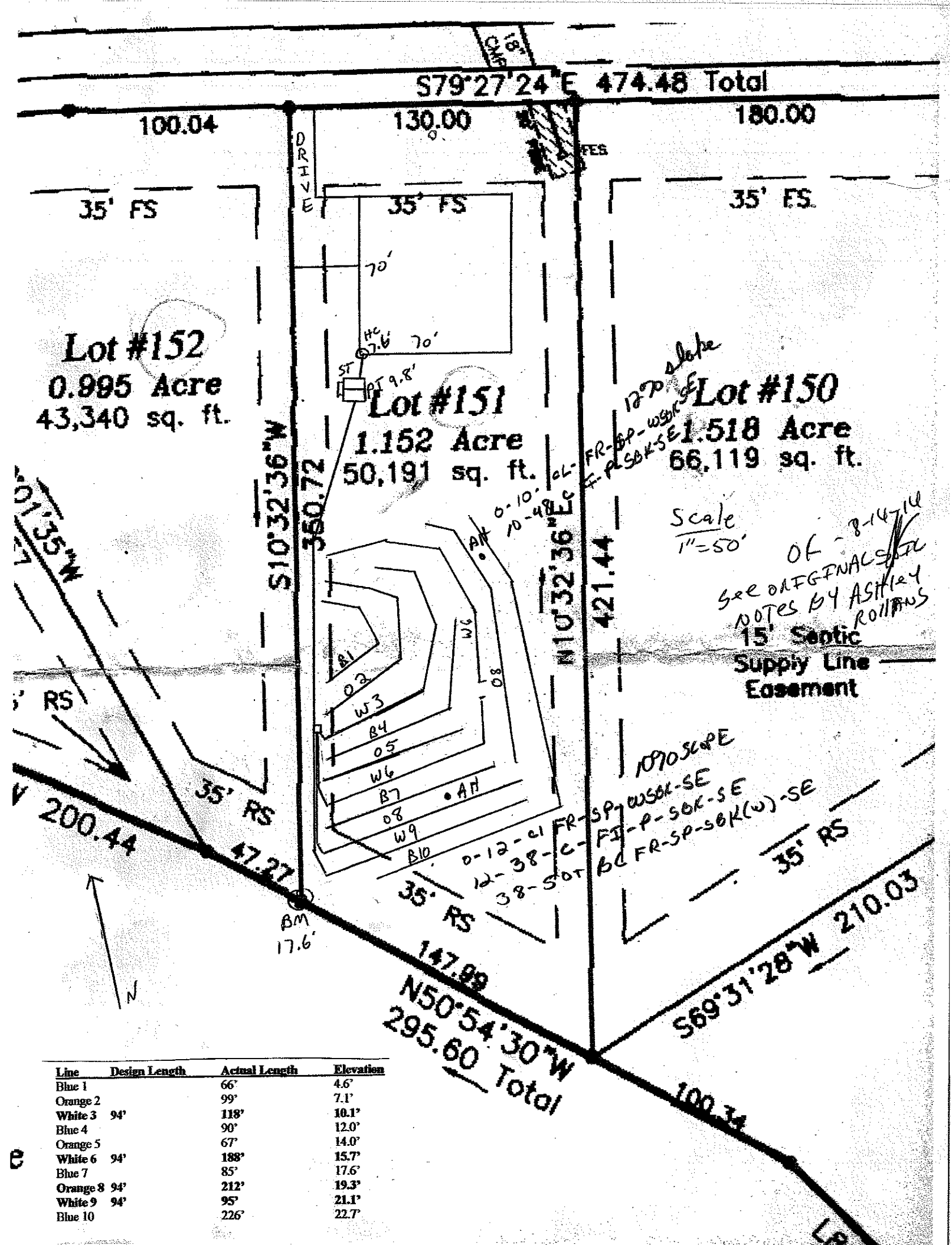
Reference: Data Sheet for Anniston 151
House Footprint: 70' x 70'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 5/600 GPD
Predetermined LTAR: 0.4 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Pressure Manifold
Flow per Tap: 7.11 GPM
Tap Size and Material: ½" SCH 40
System Flow: 28.44 GPM
Dosing Volume: 183.7 gallons —
Pump Run Time: 8.6 minutes — 6.5 MINUTES = 183.7 GALLONS DOSED
Elevation Head: 19.4'
Friction Head: 2.8'
Pressure Head: 2'
Total Dynamic Head: 24.2'
Supply Line Length: 150'
Septic/Pump Tank Size: 1500/500 gallons
Proposed Trench Bottom: 36"

OK - 8-14-14

Line	Design Length	Actual Length	Elevation
Blue 1		66'	4.6'
Orange 2		99'	7.1'
White 3	**94'**	**118'**	**10.1'**
Blue 4		90'	12.0'
Orange 5		67'	14.0'
White 6	**94'**	**188'**	**15.7'**
Blue 7		85'	17.6'
Orange 8	**94'**	**212'**	**19.3'**
White 9	**94'**	**95'**	**21.1'**
Blue 10		226'	22.7'

Initial System: 376' **Repair System:** 633'
Pump Tank: 9.8' **House Corner:** 7.6' **Benchmark:** 17.6'

Comments: House corners in marked in yellow.



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Blue 1		66'	4.6'
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DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Anniston LLC
ADDRESS: _____
APPLICATION DATE 2/08
DATE EVALUATED: 1/08
PROPOSED FACILITY: SBRM
PROPOSED DESIGN FLOW (.1949): 600 gpd
PROPERTY SIZE: _____
LOCATION OF SITE: Lot 151
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
PSI A 1	NS 12-18%	0-18	RCLWSBK	FR-SS SP SEXP	F SAP	18"	PS	—	PS .4
		18-60	VARSLSAPM	FR-SS SP SEXP					
		0-21"	CL						
PSI B 2	NS 12-18%	0-18	RCLWSBK	FR SS SP SEXP	F SAP	18"	PS	—	PS .4
		18-60	VARSLSAPM	FR SS SP SEXP					
		Same							
PSI C 3	NS 12-18%	0-25	RYCLWSBK	FR SS SP SEXP	C SAP	25	PS	—	PS .4
		25-64	VARSLSAPM	FR SS SP SEXP					
PSI D 4	NS 12-18%	0-23	RYCL	FR SS SP SEXP	C SAP	23	PS	—	PS .4
		23-64	VARSLSAPM	FR SS SP SEXP					
		0-28"	CL						

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: _____

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Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Anniston LLC
ADDRESS: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____
LOCATION OF SITE: Lot #151

APPLICATION DATE _____
DATE EVALUATED: 2-25-08
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Pit 151A	0-21	R to Rd/Brn CL	FR, SS, SP, SE w/ Inclus of SAP					PS .4
		21-58	SL SAP	Massive, FR, SS, SP, SE					
2	Pit 151B	0-18	R-Rd/Brn CL	w/SBK, FR, SS, SP, SE					PS .4
		18-60	SL SAP	FR, SS, SP, SE					
3	Pit 151D	0-28	Rd/Y CL	FR SS, SP, SE					PS .4
		28-60	SL SAP	FR, SS, SP, SE					
4									

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