

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
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Reference: Data Sheet for Anniston Lot 125
House Footprint: 70' x 90'
Building Setbacks: 35' front/rear/15'left side/right side
Water Source: Private Well
Number of Bedrooms: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Pressure Manifold
Flow per Tap: 5.48 GPM for ½" SCH80
Tap Size and Material: ½" SCH80
System Flow: 21.92 GPM
Dosing Volume: 175.0 Gallons
Pump Run Time: 7.98 minutes
Elevation Head: 6.4'
Friction Head: 0.71'
Pressure Head: 2'
Total Dynamic Head: 9.11'
Supply Line Length: 80'
Septic/Pump Tank Size: 1000/1000
Proposed Trench Bottom: 36"

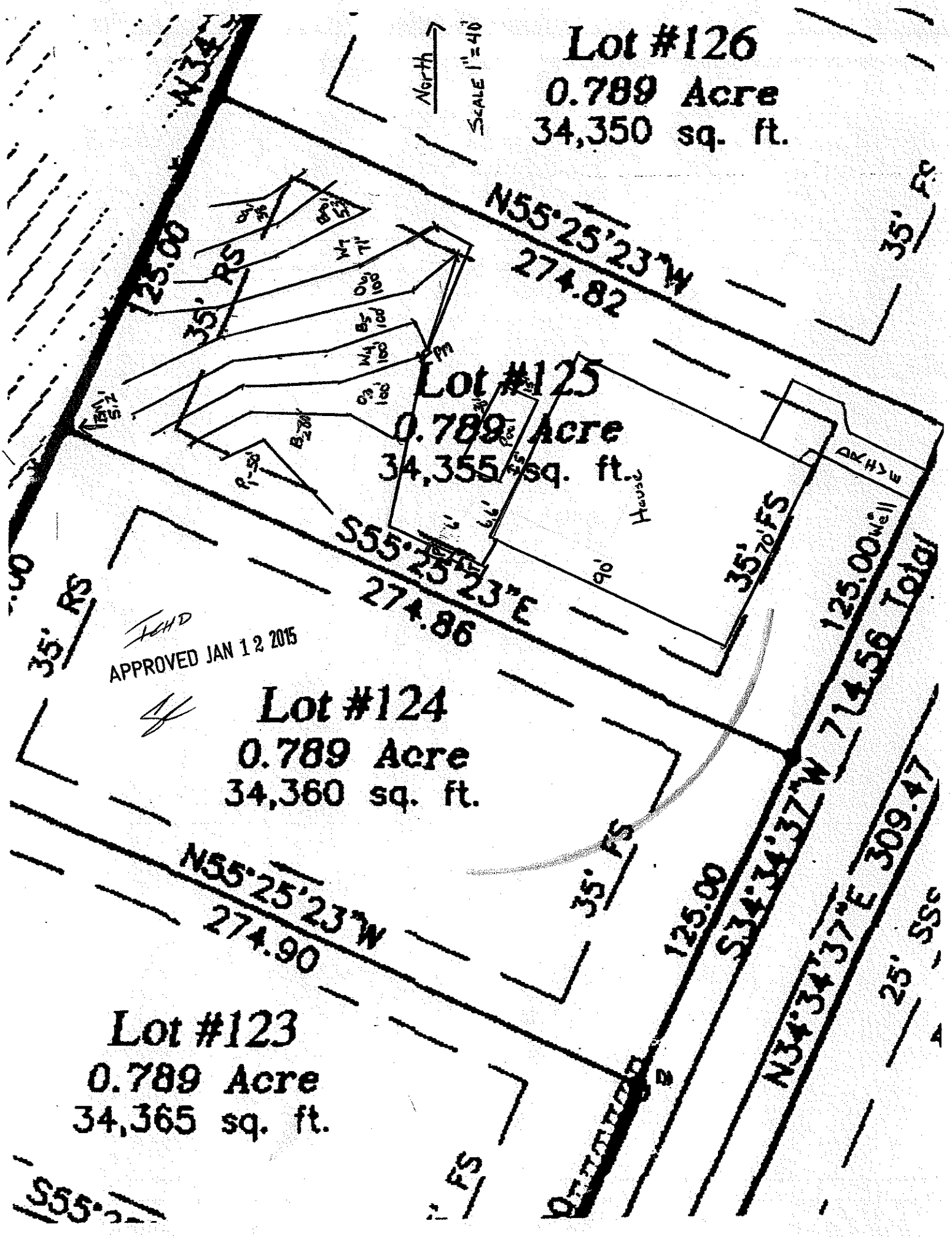
ICHD
APPROVED JAN 12 2015

Line	Design Length	Actual Length	Elevation
Pink 1		50'	3.9'
Blue 2		80'	4.2'
Orange 3	**100'**	**100'**	**4.6'**
White 4	**100'**	**101'**	**5'**
Blue 5	**100'**	**124'**	**5.1'**
Orange 6	**100'**	**101'**	**5.5'**
White 7		71'	6.0'
Blue 8		53'	6.4'
Orange 9		38'	6.8'

Initial System: 400' **Repair System:** 292' **Benchmark:** 5.2'Back Left P/L Corner
Pump Tank: 6' **House Corner:** 6.6"

Comments:

The purpose of this evaluation is to increase the house size to 70'x90', reduce the septic system to a 4-bedroom, add a pool, and allow some additional grading to the site. The house site has been marked using orange pin flags. A proposed swimming pool has been marked using white pin flags. All cuts within 15 feet of the septic area must be < 2 feet.


Lot #126
0.789 Acre
34,350 sq. ft.
North
SCALE 1" = 40'
N55°25'23"W
274.82
35' RS
25.00
35' FS
Lot #125
0.789 Acre
34,355 sq. ft.
House
Deck
S55°25'23"E
274.86
35' RS
35' FS
APPROVED JAN 12 2015
Lot #124
0.789 Acre
34,360 sq. ft.
N55°25'23"W
274.90
35' FS
125.00
S34°34'37"W
714.56 Total
N34°34'37"E 309.47
25' SSE
Lot #123
0.789 Acre
34,365 sq. ft.
S55°

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Sheet ____ of ____

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

Anniston PHLV

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
P 1 2 3 5 A	L/0-5	0-22	Rcmmsbk/Abk	FrSSSPSExP	-C soap	50	PS	–	PS 0.3-.35
		22-50	RYclwfsbk	" " " "					
		50-65	varig lmass	" " " "					
P 1 2 5 B	L/0-5	0-27	Rcmmsbk/Abk	FrSSSPSExP	-fsap	62	PS	–	PS 0.3-.35
		27-62	Rcl wfsbk	" " " "	-C.sap				
		62-72	varig lmass	" " " "	-				
P 1 2 5 C	L/0-5	0-30	Rcmmsbk/Abk	FrSSSPSExP	-C-msap	65	–	–	PS 0.3
		30-65	RYclwsbk	" " " "					
P 1 2 5 D	L/0-5 Lightning Pit	0-27	Rcmmsbk	FrSSSPSExP	-Csap	65	–	–	PS 0.3-.35
		27-65	RYclwsbk	" " " "					

COMMENTS: _____