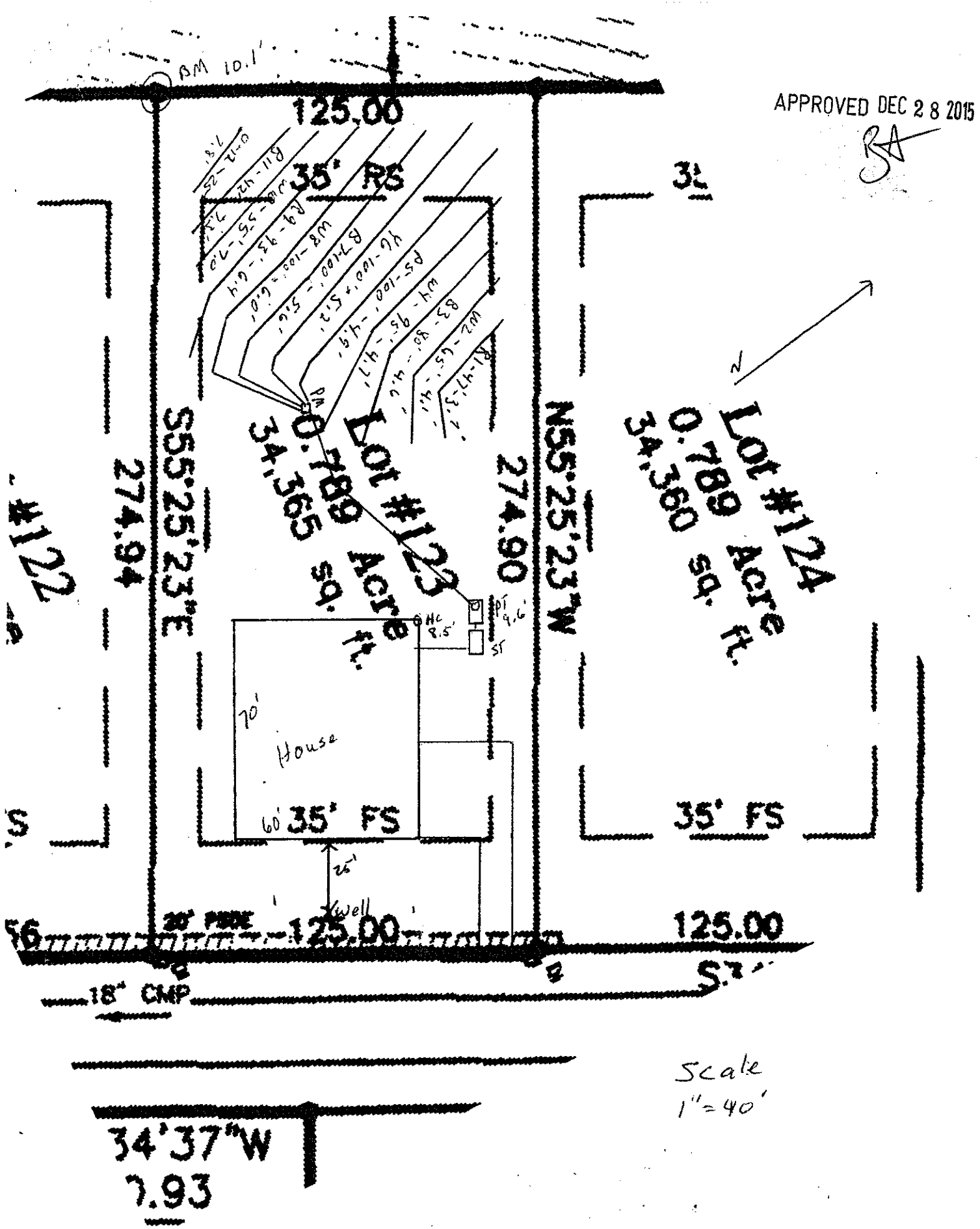

APPROVED DEC 2 8 2015
BM 10.1'
125.00
35' RS
Lot #123
0.789 Acre
34,365 sq. ft.
Lot #124
0.789 Acre
34,360 sq. ft.
S55°25'23"E
274.94
N55°25'23"W
274.90
#122
House
70'
60'
35' FS
35' FS
25'
well
20' PSDE
125.00
125.00
18" CMP
34'37"W
7.93
Scale
1"=40'

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Anniston PhIV

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

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P123A	L/0-5%	0-30	Rcrmmsbk/Abk	FrSSSPSEXP	-fsaap	65	-	-	PS 0.3
		30-65	RYcl wfsbk	" " " "	-csaap				
P123B	L/0-5%	0-7	YRscl vmsbk	FrSSSPSEXP		65	-	-	PS 0.3
		7-37	RCmmAbk/sbk	" " " "	-fsaap				
		37-65	RYcl wfsbk	" " " "	-csaap				
P123C	L/6-10%	0-24	Rcmfsbk/Abk	FrSSSPSEXP		65	-	-	PS 0.3- 0.35
		24-65	RYcl wfsbk	" " " "	-csaap				
P123D	L/5-10%	0-26	Rc wmsbk	FrSSSPSEXP	-fsaap	75	-	-	PS 0.3- .35
		26-75	RYcl wfsbk	" " " "	-msaap				

COMMENTS: _____

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MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for 193 Walking Horse Tr, Anniston Lot 123
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' 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: 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: 175 gallons
Pump Run Time: 6.2 minutes
Elevation Head: 9.7'
Friction Head: 1.6'
Pressure Head: 2'
Total Dynamic Head: 13.3'
Supply Line Length: 85'
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation
Red 1		47'	3.7'
White 2		65'	4.1'
Blue 3		80'	4.6'
White 4		95'	4.7'
Pink 5	**100'**	**113'**	**4.9'**
Yellow 6	**100'**	**112'**	**5.2'**
Blue 7	**100'**	**119'**	**5.6'**
White 8	**100'**	**113'**	**6.0'**
Red 9		93'	6.4'
White 10		55'	7.0'
Blue 11		42'	7.3'
Orange 12		25'	7.8'

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Initial System: 400' **Repair System:** 502'
Pump Tank: 9.6' **House Corner:** 8.5' **Benchmark:** 10.1'

Comments:
The purpose of this evaluation is to change from a 5 bedroom system to a 4 bedroom system. The system is laid out in the previously approved soil area. The stakes marking the house box are 5' offset from the corners of the house pad. At the time of this evaluation, the house pad is being graded. The elevations shown for the house corner and pump tank were shot prior to grading the final elevation will need to be shot at the time of installation.