Int. Relayout PW
Paid $195.00 2/19/14



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for Wheatfield SD, Lot 86
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 3/360 GPD
Proposed LTAR: 0.25 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Distribution box/end cap
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

dk
CBK
2/21/14

Line	Design Length	Actual Length
Pink 1		80'
White 2		80'
Orange 3		80'
Blue 4		80'
Pink 5		80'
White 6	**72'**	**80'**
Orange 7	**72'**	**80'**
Blue 8	**72'**	**80'**
Pink 9	**72'**	**80'**
White 10	**72'**	**80'**

Initial System: 360' **Repair System:** 400'

Comments:
The septic area of this lot has 2% or less slope. Michael Athanas & Associates proposes to stack the line on 9' centers.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 *of* 1
PROPERTY ID #:4761231889
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Troutman Farms LLC
ADDRESS: Troutman NC
PROPOSED FACILITY: 3 bdrm
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: Wheatfield Lot 86, 169 Wheatfield Dr.
APPLICATION DATE 2/14
DATE EVALUATED: 2/14
PROPERTY SIZE: 0.55 AC
PROPERTY RECORDED: 4/24/2008

WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

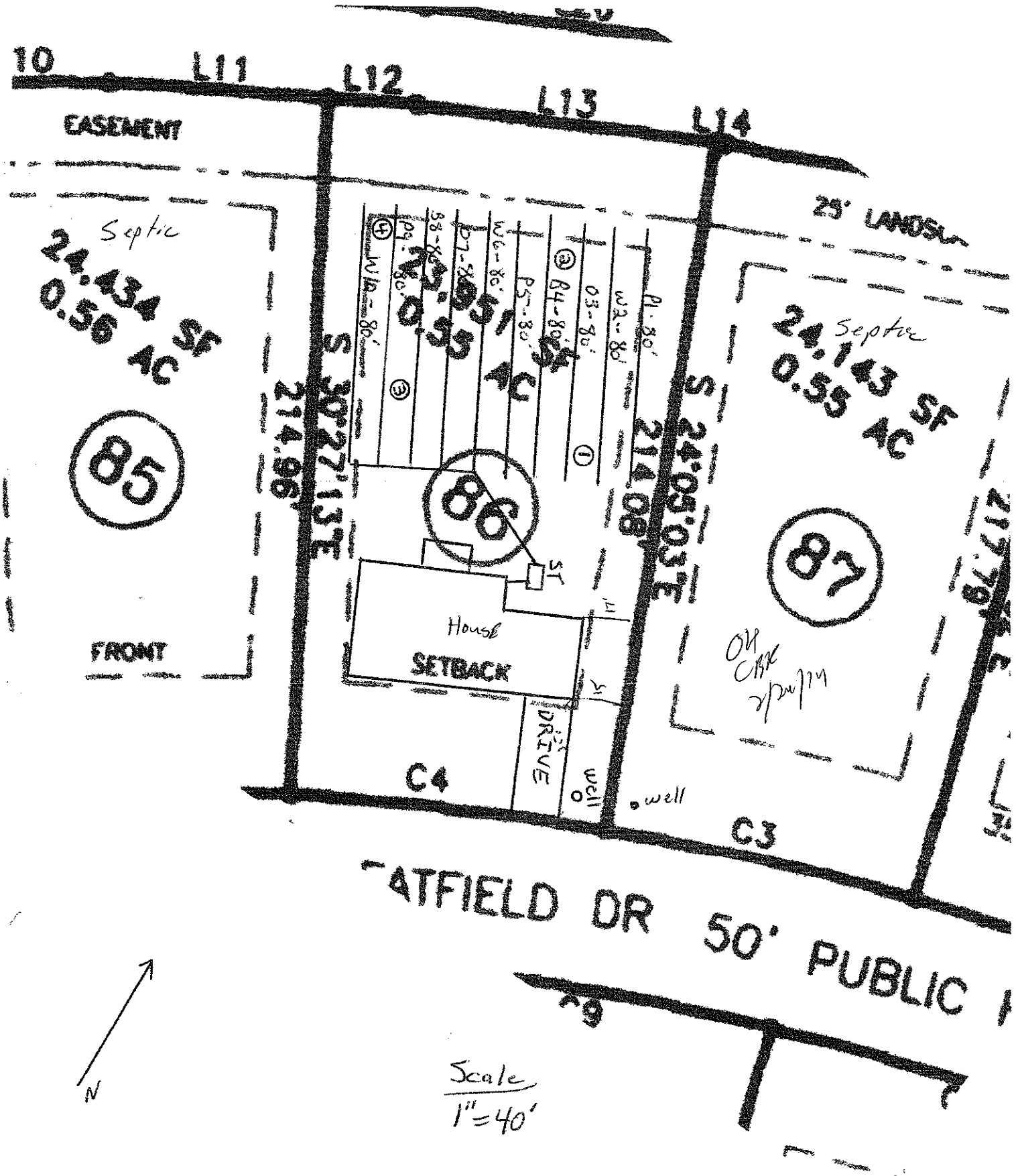
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 0-2%	0-6	Br SCL WSBK	FR SS SP	YBs No YBs @ 32"	48"	N/A	N/A	PS 0.25
		6-40	R C SBK	FR SS SP					
		40-48	R CL WSBK	FR SS SP					
2	LS 0-2%	0-20	Br SCL WSBK	FR SS SP	YBs No YBs @ 44"	48"	N/A	N/A	PS 0.25
		20-48	R C SBK	FR SS SP					
3	LS 0-2%	0-8	Br SCL WSBK	FR SS SP	F-C YBs Few Litho	48"	N/A	N/A	PS 0.25
		8-48	R C SBK	FR SS SP					
4	LS 0-2%	0-8	Br SCL WSBK	FR SS SP	Few YBs	48"	N/A	N/A	PS 0.25
		8-33	R C SBK	FR SS SP					
		33-48	R CL WSBK	FR SS SP					

Soils OK ZBK 2/24/14

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1080 FT2	1080 FT2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.25	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: M A & Associates
OTHER(S) PRESENT:

COMMENTS:


10
L11
L12
L13
L14
EASEMENT
25' LANDSCA
Septic
24,134 SF
0.56 AC
Septic
24,143 SF
0.55 AC
85
86
87
S 30°27'15"E
214.96'
S 24°05'03"E
214.98'
217.79'
FRONT
SETBACK
House
DRIVE
well
well
C4
C3
ATFIELD DR 50' PUBLIC
79
N
Scale
1"=40'