APPROVED MAY 1 0 2016



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
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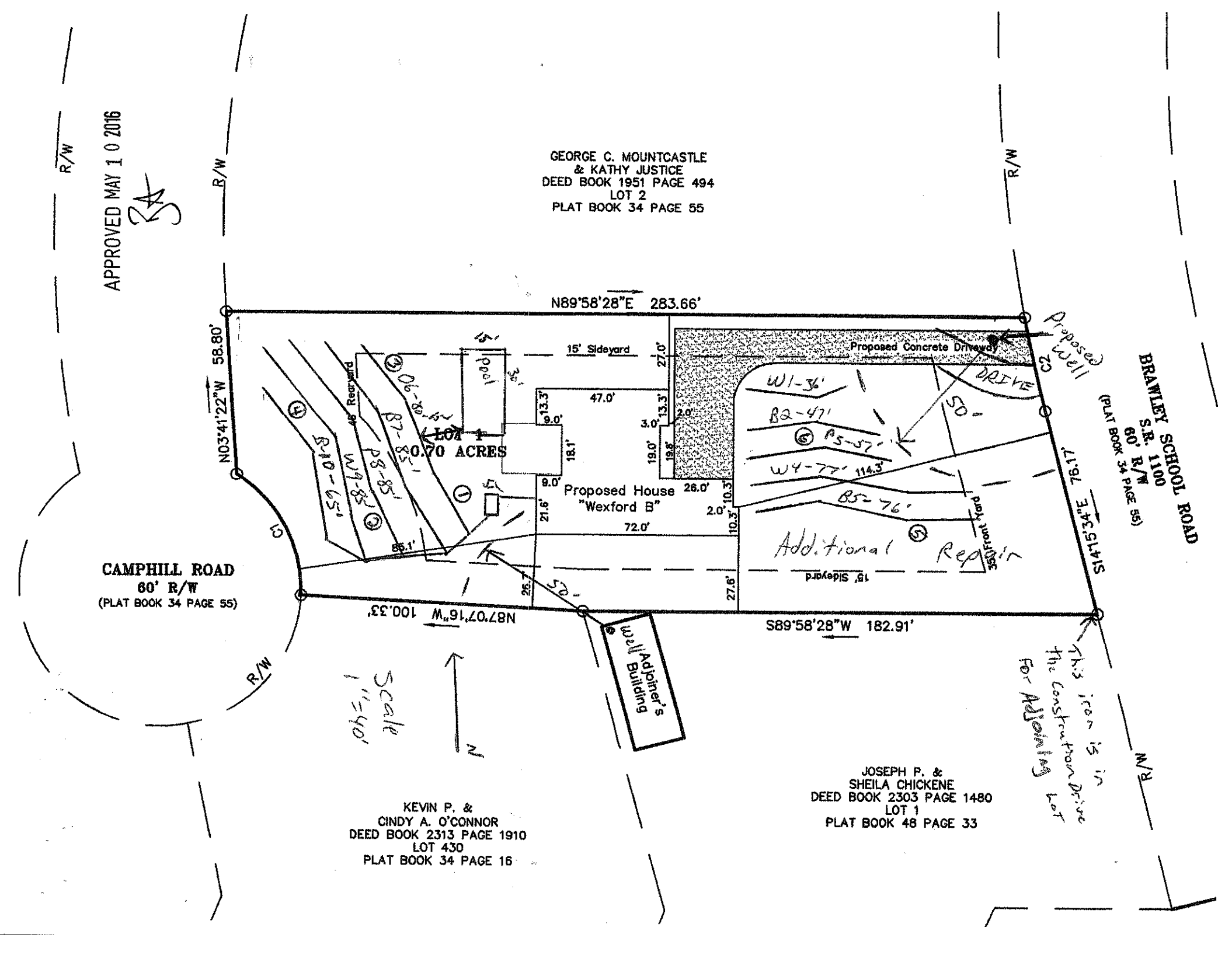
Reference: Data Sheet for 2590 Brawley School Rd.,Camphill Rd Property Lot 1
House Footprint: See attached
Building Setbacks: 35' front, 15' side, 45' rear
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/drop box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36" maximum

Line	Design Length	Actual Length
White 1		36'
Blue 2		47'
Pink 3		51'
White 4		77'
Blue 5		76'
Orange 6	**80'**	**84'**
Blue 7	**85'**	**94'**
Pink 8	**85'**	**91'**
White 9	**85'**	**87'**
Blue 10	**65'**	**72'**

Initial System: 400' **Repair System:** 287'

Comments:
Pool-yellow flags
Septic Tank-white flags

MA&A contacted the ICHD to find the neighboring property's septic permits. Two of the permits are attached. The third did not have a permit.


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GEORGE C. MOUNTCASTLE
& KATHY JUSTICE
DEED BOOK 1951 PAGE 494
LOT 2
PLAT BOOK 34 PAGE 55
R/W
N89°58'28"E 283.66'
N03°41'22"W 58.80'
15' Sideyard
Proposed Concrete Driveway
DRIVE
Proposed Well
LOT 1
0.70 ACRES
Proposed House
"Wexford B"
72.0'
47.0'
26.0'
27.0'
13.3'
9.0'
18.1'
21.6'
10.3'
2.0'
3.0'
19.0'
19.8'
W1-36'
B2-47'
P5-57'
W4-77'
114.3'
B5-76'
Additional Repair
35' Front Yard
15' Sideyard
27.6'
86.1'
S14°53'34"E 76.17'
N87°07'16"W 100.33'
S89°58'28"W 182.91'
Well
Adjoiner's Building
CAMPHILL ROAD
60' R/W
(PLAT BOOK 34 PAGE 55)
BRAWLEY SCHOOL ROAD
S.R. 1100
60' R/W
(PLAT BOOK 34 PAGE 55)
Scale 1"=40'
N
This iron is in the construction drive for Adjoining lot
KEVIN P. &
CINDY A. O'CONNOR
DEED BOOK 2313 PAGE 1910
LOT 430
PLAT BOOK 34 PAGE 16
JOSEPH P. &
SHEILA CHICKENE
DEED BOOK 2303 PAGE 1480
LOT 1
PLAT BOOK 48 PAGE 33

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4624233442__
COUNTY: _Iredell____

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

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RA

OWNER: _Peachtree Residential LLC_____ APPLICATION DATE_____
ADDRESS: 7380 McInnis Ferry Rd, Suwanee, GA 30024_____ DATE EVALUATED: _____
PROPOSED FACILITY: _4 bdrm_____ PROPOSED DESIGN FLOW (.1949): _480 GPD____ PROPERTY SIZE: _0.70 AC_____
LOCATION OF SITE: _2590 Brawley School Rd_____ PROPERTY RECORDED: 11/16/1999____
WATER SUPPLY: X Private ☐ Public Ξ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: Ξ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: Ξ 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
1	LS 6%	0-6	RBr CL WSBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		6-28	R C SBK	FR SS SP SEXP					
		28-48	R CL WSBK	FR SS SP SEXP					
2	LS 6%	0-8	Br CL WSBK	FR SS SP SEXP	Few Mn To 22"	48"	N/A	N/A	PS 0.3 >22"
		8-22	R C SBK	FR SS SP SEXP					
		22-35	R C SBK	FR SS SP SEXP					
		35-48	R CL WSBK	FR SS SP SEXP					
3	LS 6%	0-42	R C SBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		42-48	R CL WSBK	FR SS SP SEXP					
4	LS 6%	0-6	Br SCL WSBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		6-40	R C SBK	FR SS SP SEXP					
		40-48	R CL WSBK	FR SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	861 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____

EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____

COMMENTS:_____

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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ENVIRONMENTAL HEALTH SECTION
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PROPERTY ID #: 4624233442
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5	LS 6%	0-30	R C SBK	FR SS SP SEXP	N/A	52"	N/A	N/A	PS 0.3
		30-52	R CL WSBK	FR SS SP SEXP					
6	LS 6%	0-4	Br CL WSBK	FR SS SP SEXP	N/A	48"	N/A	N/A	PS 0.3
		4-36	R C SBK	FR SS SP SEXP					
		36-48	R CL WSBK	FR SS SP SEXP					

LICENSED SOIL SCIENTIST MICHAEL ATHANAS 1252 STATE OF NORTH CAROLINA

COMMENTS: