

Approved
MD
8/4/15

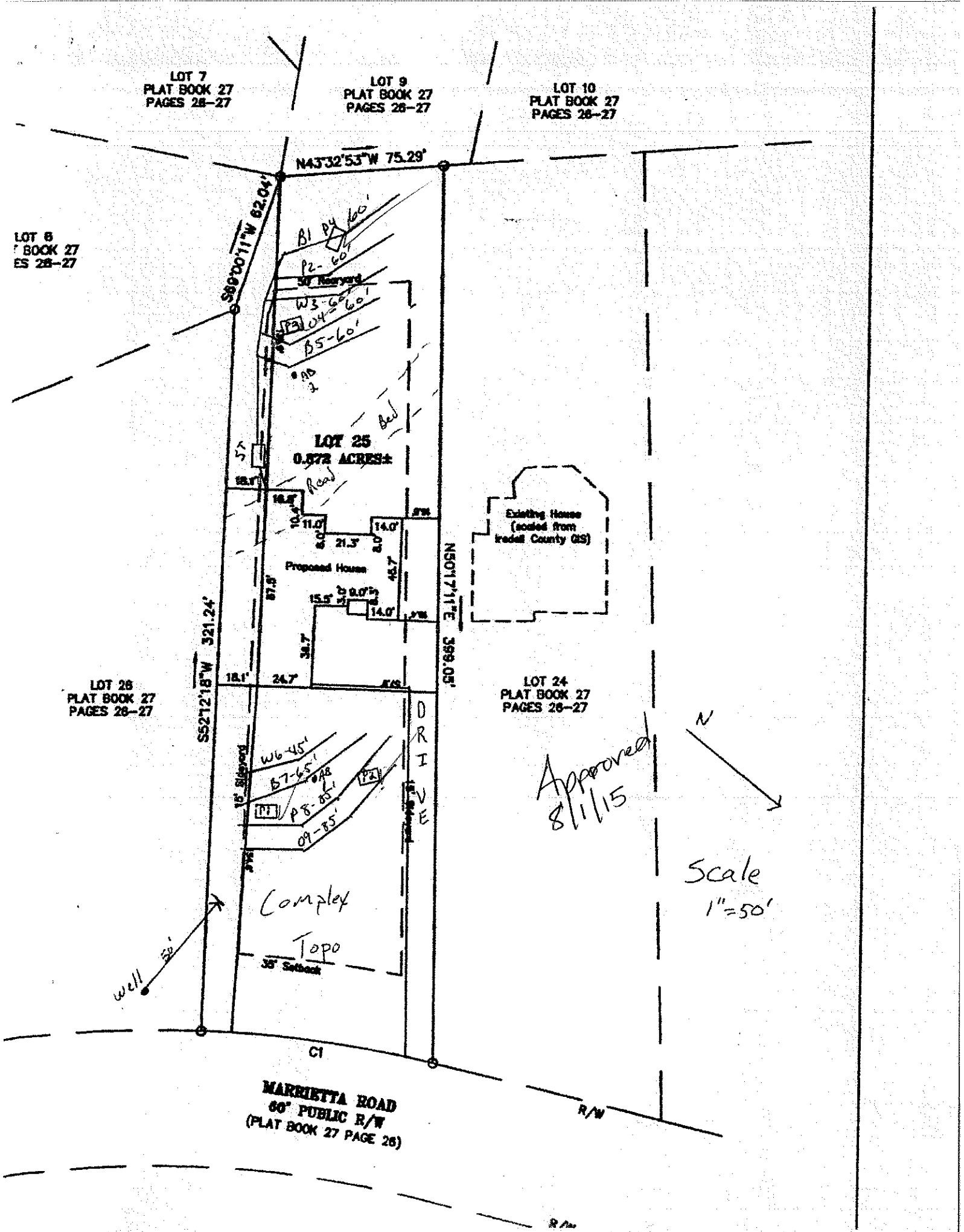
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Reference: Data Sheet For 225 Marietta Rd., Beacon Pt Lot 25
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Community well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.4 GPD/FT2 (initial), 0.3 GPD/FT2 (repair)
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-end cap/drop boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 34" (initial), 28" (repair)

Line	Design Length	Actual Length
Blue 1	**60'**	**60'**
Pink 2	**60'**	**74'**
White 3	**60'**	**75'**
Orange 4	**60'**	**77'**
Blue 5	**60'**	**77'**
White 6		45'
Blue 7		65'
Pink 8		85'
Orange 9		85'

Initial System: 300' **Repair System:** 280'

Comments:
This lot was permitted in 1999 and has expired. The initial system is placed below an area of an old road bed. The trench bottom for the initial system must be installed at 36" to take advantage of the best soil. The repair system is designed as a PPBPS because the house may move forward 10'.


LOT 7
PLAT BOOK 27
PAGES 26-27
LOT 9
PLAT BOOK 27
PAGES 26-27
LOT 10
PLAT BOOK 27
PAGES 26-27
N43°32'53"W 75.29'
S69°00'11"W 62.04'
LOT 6
BOOK 27
ES 26-27
B1 P4 60'
P2-60'
30' Rearyard
W3-60'
P3 04-60'
B5-60'
LOT 25
0.572 ACRES±
Road
Existing House
(scaled from
Iredell County GIS)
Proposed House
N30°17'11"E 399.05'
S52°12'18"W 321.24'
LOT 26
PLAT BOOK 27
PAGES 26-27
LOT 24
PLAT BOOK 27
PAGES 26-27
DRIVE
W6-45'
B7-65'
P1
P8-85'
09-85'
P2
Complex
Topo
35' Setback
well
50'
C1
MARRIETTA ROAD
60' PUBLIC R/W
(PLAT BOOK 27 PAGE 26)
R/W
Approved
8/1/15
N
Scale
1"=50'

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

PROPERTY ID #: 4639244813
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Dwayne Ogles APPLICATION DATE
ADDRESS: 149 Logan Ridge Dr., Statesville, NC DATE EVALUATED:
PROPOSED FACILITY: 4 bdrm PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 0.872 AC
LOCATION OF SITE: 225 Marietta Rd, Beacon PT Lot 25 PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☒ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

Approved 8/1/15 MS

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
PIT 1	LS 8%	0-4	Br CL WSBK	FR SS SP	N/A	44"		N/A	PS 0.3 ✓
		4-44	R C SBK	FR SS SP					
		44-56	L SAP M	FR SS SP			PS		
PIT 2	LS 8%	0-6	Br CL WSBK	FR SS SP	N/A	56"		N/A	PS 0.3 ✓
		6-28	R C SBK	FR SS SP					
		28-56	R CL WSBK	FR SS SP			F-C SAP		
PIT 3	LS 8%	0-28	R C SBK	FR SS SP	N/A	28"	F-C SAP	N/A	PS 0.3 TO 28" 0.4-0.6 > 28" ✓
		28-45	L SAP M	VFR SS SP			PS		
		45-63	SL SAP M	VFR NS NP			PS		
PIT 4	LS 8%	0-23	R C SBK	FR SS SP	N/A	33"	F-C SAP	N/A	PS 0.3+ TO 33" 0.4-0.6 > 33" ✓
		23-33	R CL WSBK	FR SS SP					
		33-61	LS SAP M	VFR NS NP			PS		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	900 FT2	840 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.4	0.3

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4639244813
DATE OF EVALUATION:
COUNTY: IREDELL

Approved 8/1/15 MD

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
AB 1	LS 8%	0-25	R C SBK	FR SS SP	N/A	45"	F-C SAP PS	N/A	PS 0.3
		25-45	R CL WSBK	FR SS SP					
		45-48	SL SAP M	FR SS SP					
AB 2	LS 8%	0-24	R C SBK	FR SS SP	N/A	24"	F-C SAP	N/A	NEED PITS
		24-36+	L SAP M	VFR SS SP					

COMMENTS: