APPROVED OCT 0 9 2015



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Reference: Data Sheet for 518 Beaten Path Rd. CL&T Sec 9 Lot 59
House Footprint: See Attached (existing)
Building Setbacks: 35' front, 15' side, 50' lake
Water Source: Private well (existing)
Number of Bedrooms: 3/360 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Distribution box, end cap/drop boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36"

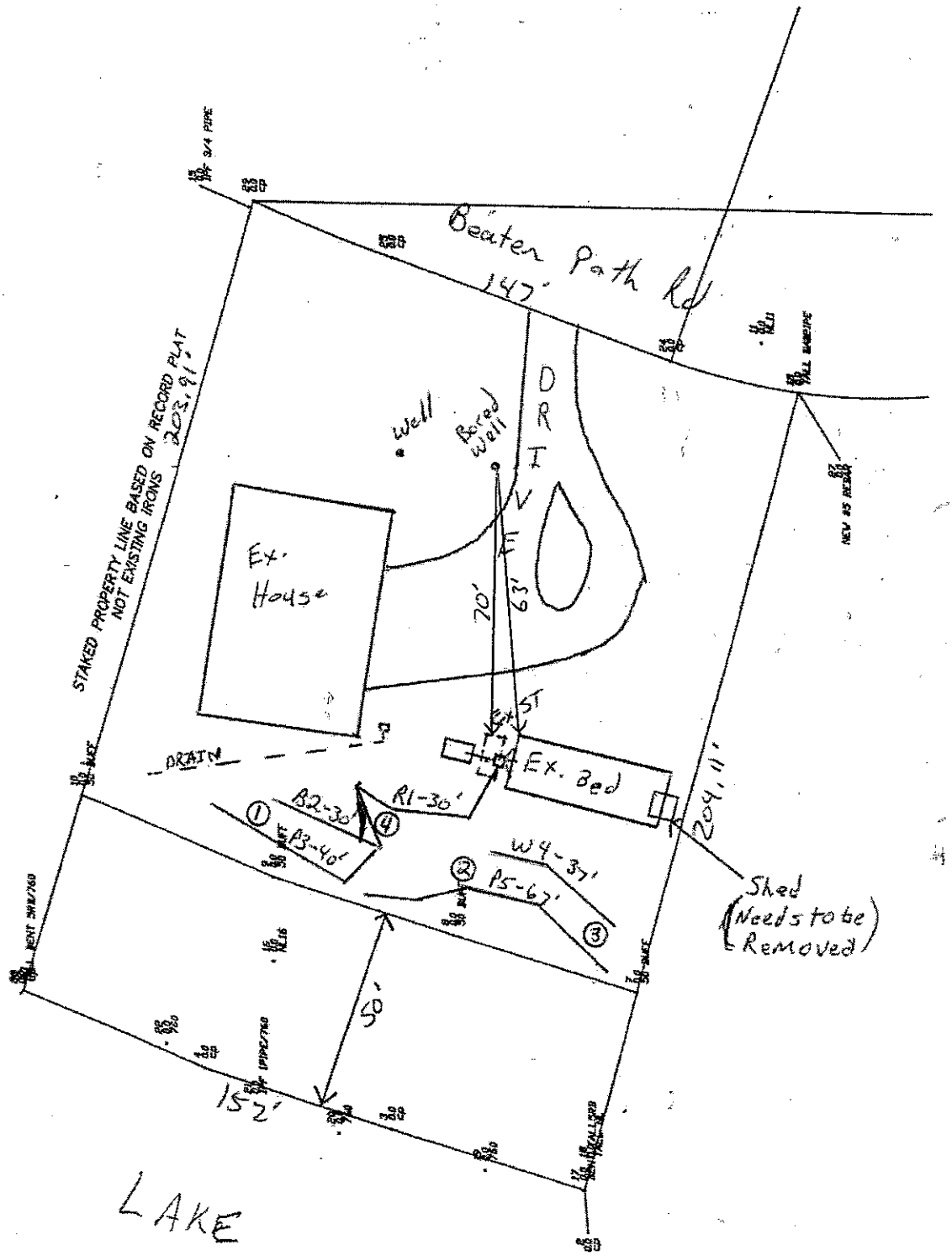
Line	Design Length	Actual Length
White	**existing conventional bed**	
Red 1	**30'**	**30'**
Blue 2	**30'**	**30'**
Pink 3	**40'**	**40'**
White 4		37'
Pink 5		67'

Initial System: Bed + 100' **Repair System:** 104'

Comments:
The purpose of this evaluation is to increase the number of bedroom capacity of the septic system. The existing house has more than 2 bedrooms, which is the capacity of the existing bed. The lot was recorded in 1977 (plat BK 14, PG 97) so the minimum amount of repair is shown. The existing tank will be pumped, crushed and filled. A new septic tank and distribution box will be installed. The distribution box should be set up to feed the existing system first and then the new lines which will be connected by the end caps or drop boxes.

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Scale
1" = 40'

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

Sheet 1 *of* 1
PROPERTY ID #: 4627822798
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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OWNER: Herbert Thompson
ADDRESS: 518 Beaten Path Rd, Mooresville, NC 28117
PROPOSED FACILITY: 3 bdrm PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 518 Beaten Path Rd, CL&T Sec 9 Lot 59
APPLICATION DATE
DATE EVALUATED:
PROPERTY SIZE: 0.70 AC
PROPERTY RECORDED: 5/9/1977
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) .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 7%	0-4	Br CL WSBK	FR SS SP	N/A	48"	Few SAP	N/A	PS 0.3
		4-28	R C SBK	FR SS SP					
		28-48	R CL WSBK	FR SS SP					
2	LS 7%	0-24	R C SBK	FR SS SP	N/A	48"	F-C SAP	N/A	PS 0.3
		24-48	R CL WSBK	FR SS SP					
3	LS 7%	0-3	Br CL WSBK	FR SS SP	N/A	48"	F-C SAP	N/A	PS 0.3
		3-24	R C SBK	FR SS SP					
		24-48	R CL WSBK	FR SS SP					
4	LS 7%	0-10	Br CL WSBK	FR SS SP	N/A	48"	Few SAP	N/A	PS 0.3
		10-30	R C SBK	FR SS SP					
		30-48	R CL WSBK	FR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	BED + 300FT2	312 FT2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.3	0.3

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

COMMENTS: