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LICENSED SOIL SCIENTIST
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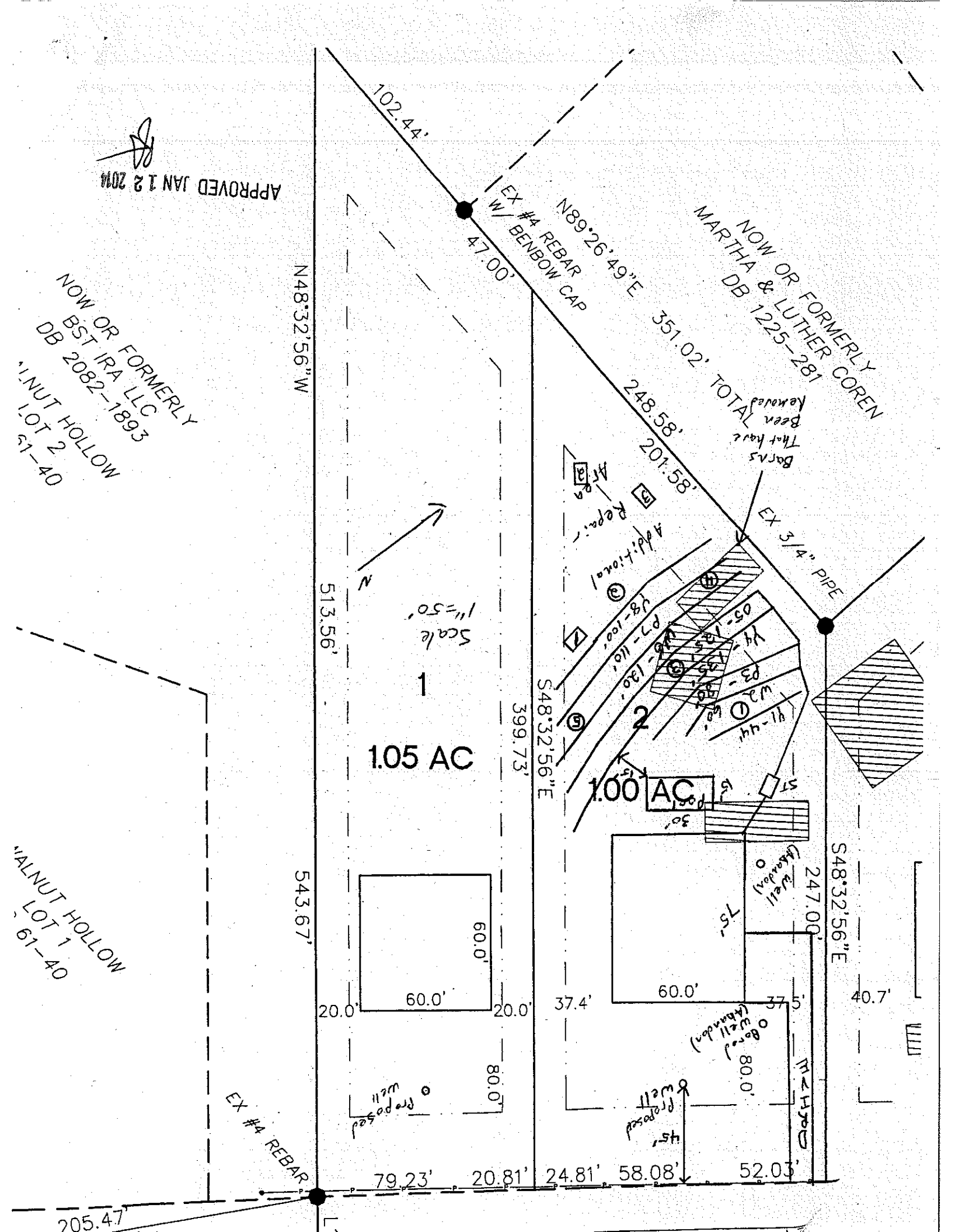
Reference: Data Sheet for Meadows Farm, Lot 2
House Footprint: 60' x 75'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private Well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS or 25% Red. (additional repair area available)
Distribution: Gravity-Drop boxes/end cap
Septic Tank Size: 1000 Gallons
Proposed Trench Bottom: 24-36"

Line	Design Length	Actual Length
Yellow 1		44'
White 2	**60'**	**62'**
Pink 3	**80'**	**82'**
Yellow 4	**135'**	**146'**
Orange 5	**125'**	**135'**
White 6		120'
Pink 7		110'
Yellow 8		100'

Initial System: 400' **Repair System:** 374'

Comments:
There are 2 wells on this site that need to be abandoned; one bored and one drilled. The site plan shows barns that have since been removed. The septic system must be 100' from any well. There is additional repair area below the lowest line. Any changes to this design by ICHD are welcomed.

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102.44'
EX #4 REBAR
W/ BENBOW CAP
47.00'
N89°26'49"E
351.02' TOTAL
248.58'
201.58'
NOW OR FORMERLY
MARTHA & LUTHER COREN
DB 1225-281
NOW OR FORMERLY
BST IRA LLC
DB 2082-1893
WALNUT HOLLOW
LOT 2
61-40
N48°32'56"W
513.56'
EX 3/4" PIPE
Scale
1"=50'
1
1.05 AC
2
1.00 AC
S48°32'56"E
399.73'
543.67'
S48°32'56"E
247.00'
WALNUT HOLLOW
LOT 1
61-40
60.0'
60.0'
20.0'
20.0'
80.0'
37.4'
60.0'
37.5'
40.7'
EX #4 REBAR
79.23'
20.81'
24.81'
58.08'
52.03'
205.47'

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

PROPERTY ID #: 4678443579_
COUNTY: _IREDELL__

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

APPROVED JAN 1 2 2014
RA

OWNER: _IQ Custom Const._____ APPLICATION DATE_____
ADDRESS: 840 Edminston Rd., Mt Ulla, NC_____ DATE EVALUATED: _____
PROPOSED FACILITY: _4 bdrm_____ PROPOSED DESIGN FLOW (.1949): _480 GPD_____ PROPERTY SIZE: __1.0 AC_____
LOCATION OF SITE: Meadows Farm Lot 2, 568 Wiggins Rd_____ PROPERTY RECORDED: _9/30/2014_____
WATER SUPPLY: Ξ Private ☐ Public Ξ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: Ξ Auger Boring Ξ Pit ☐ Cut TYPE OF WASTEWATER: Ξ 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	
AB 1	LS 5%	0-6	Br CL WSBK	FR SS SP	N/A	40"	F-C SAP PS	N/A	PS 0.3-0.4
		6-28	R C SBK	FR SS SP					
		28-40	R CL WSBK	FR SS SP					
		40-48	L SAP M	VFR SS SP					
AB 2	LS 7%	0-3	Br CL WSBK	FR SS SP	N/A	34"	F-C SAP PS	N/A	PS 0.3-0.4
		3-20	R C SBK	FR SS SP					
		20-34	R CL WSBK	FR SS SP					
		34-48	L SAP M	VFR SS SP					
AB 3	LS 5%	0-2	FILL		N/A	36"	F-C SAP PS	N/A	PS 0.3-0.4
		2-22	R C SBK	FR SS SP					
		22-36	R CL WSBK	FR SS SP					
		36-48	SL SAP M	VFR SS SP					
AB 4	LS 5%	0-8	Br SCL WSBK	FR SS SP	N/A	40"	F-C SAP PS	N/A	PS 0.3-0.4
		8-24	R C SBK	FR SS SP					
		24-40	R CL WSBK	FR SS SP					
		40-50	SL SAP M	VFR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	1254 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 & Associates_____
OTHER(S) PRESENT: _____

COMMENTS:_____

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4678443579
DATE OF EVALUATION:
COUNTY: IREDELL

APPROVED JAN 12 2014

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	
AB 5	LS 7%	0-10	Br SCL WSBK	FR SS SP	N/A	35"		N/A	PS 0.3-0.4
		10-20	R C SBK	FR SS SP					
		20-35	R CL WSBK	FR SS SP			F-C SAP PS		
		35-48	SL SAP M	VFR SS SP					
P 1	LS 7%	0-6	Br CL WSBK	FR SS SP	N/A	34"		N/A	PS 0.3-0.4
		6-22	R C SBK	FR SS SP					
		22-34	R CL WSBK	FR SS SP			F-C SAP PS		
		34-60	SL/LS SAP M	VFR SS SP					
P 2	LS 7%	0-4	Br CL WSBK	FR SS SP	N/A	35"		N/A	PS 0.3-0.4
		4-20	R C SBK	FR SS SP					
		20-35	R CL WSBK	FR SS SP			F-C SAP PS		
		35-60	SL/LS SAP M	VFR SS SP					
P 3	LS 7%	0-11	Br CL WSBK	FR SS SP	N/A	40"		N/A	PS 0.3-0.4
		11-28	R C SBK	FR SS SP					
		28-40	R CL WSBK	FR SS SP			F-C SAP PS		
		40-63	SL/LS SAP M	VFR SS SP					

COMMENTS: