ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625

MANF-2022-6187

PERMIT # AP2022-11349

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4821 -- 62 -- 4140

APPLICANT/OWNER: Gregory Lewis | APPLICANT ADDRESS: P.O. Box 266, Banner Elk, NC 28604

SITE ADDRESS: 233 Bruce Farm Rd, Statesville, NC 28625 | PHONE: (602) 562-3000 | ALT. PHONE: –

SITE DIRECTIONS: I-77 N, (R) Bruce Farm Rd | SAP CONTROLLED: ☐ YES ☑ NO

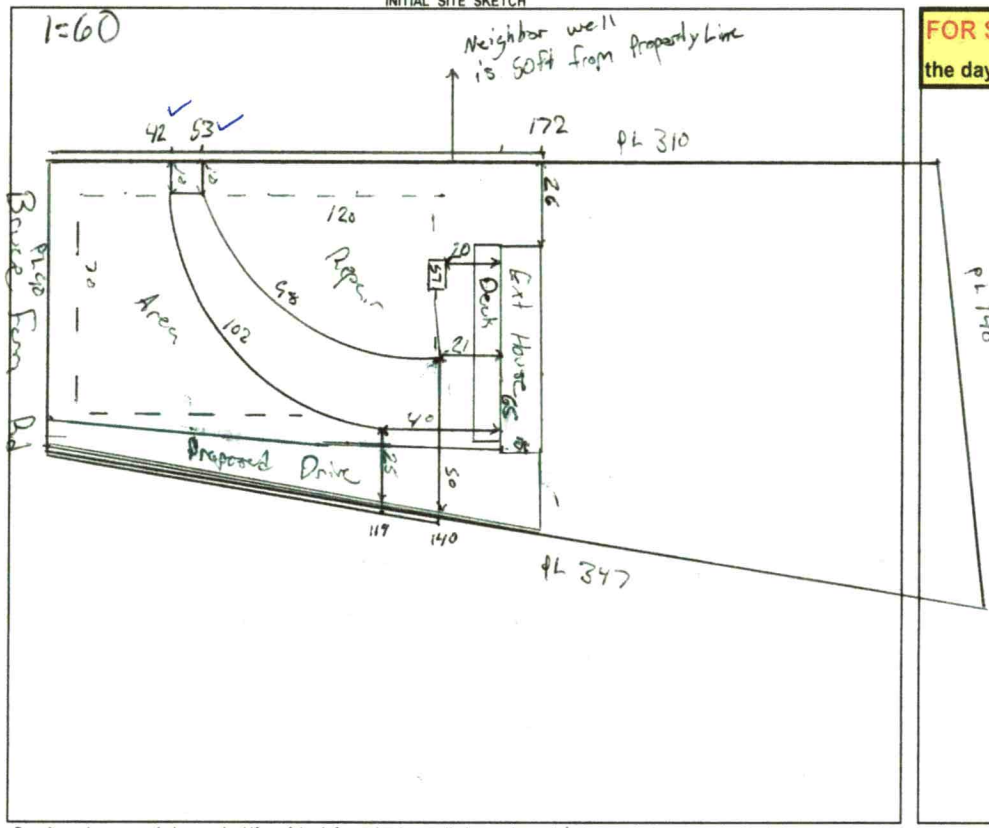
SUBDIVISION: – | SECTION: – | LOT # – | LOT AREA: .9 AC | DESIGN FLOW: 240 | L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	12/16/22	☑ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms 2
Pump Tank	(gal)	PT		Date		System Description:	25% Reduction - Serial	☐ Business	No. Persons 4
Pump Make		Model		Serial #		Repair System Description:	25% Reduction - Serial	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	2	Linear Ft	200	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space
Trench Width	36 in	Trench Bottom Depth	36 in max	Gravel Depth	N/A		☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: Install on contour with 4ft on center. Serial distribution throughout. Maintain proper seperation from house for deck. Do not drive, park, or construct on septic area.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Installed as drawn

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Online Signature | Date: | Installed by: Jake Williams

IMPROVEMENT PERMIT by: Matt Wei | Date: 1/12/23 | OPERATION PERMIT by: D Wieberg | Date: 3/1/23

AUTHORIZATION TO CONSTRUCT by: Matt Wei | Date: 1/12/23 | Existing System Inspected by: | Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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SITE ADDRESS: 233 Bruce Farm Rd, Statesville, NC 28625 PHONE: (602) 562-3000 ALT. PHONE –

SITE DIRECTIONS: 115 N, (R) Bruce Farm Rd SAP CONTROLLED: ☐ YES ☑ NO

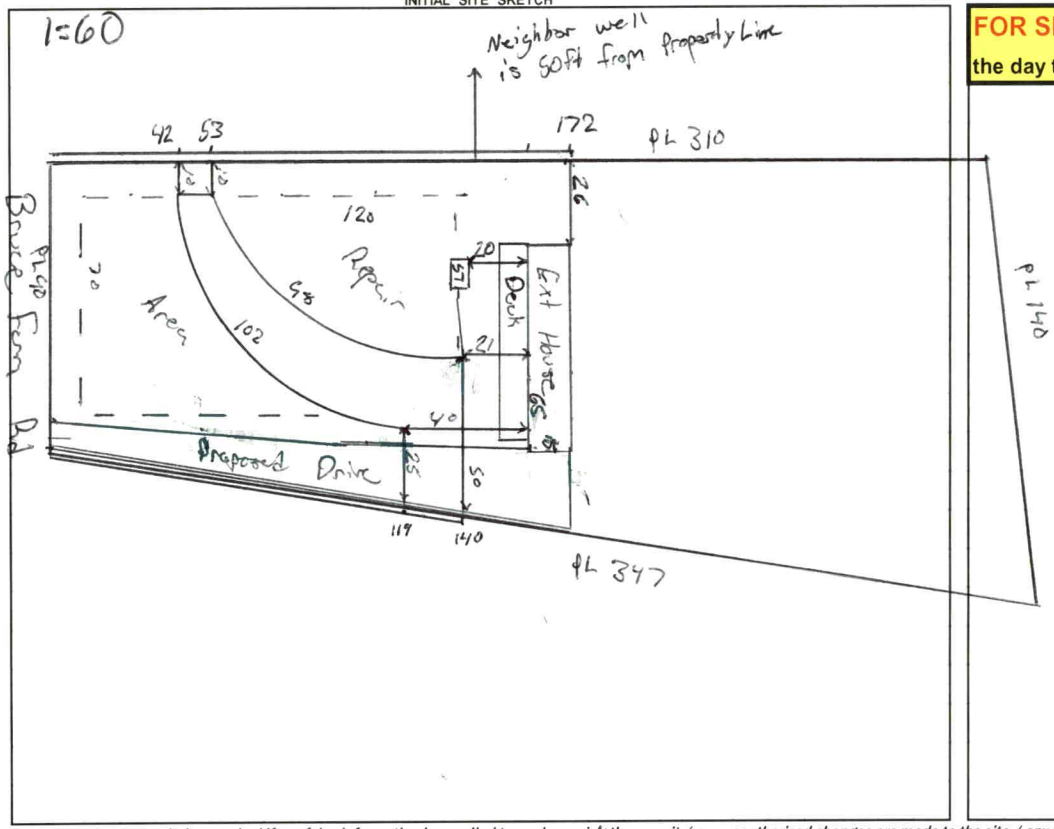
SUBDIVISION: – SECTION: – LOT # – LOT AREA: .9 AC DESIGN FLOW: 240 L.T.A.R.: .3

Septic Tank	1000	(gal)	STB		Date		☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% Reduction - Serial			
Pump Make		Model			Serial #		Repair System Description:	25% Reduction - Serial			
# Nitrification Fields	1	# Lines	2		Linear Ft	200	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 in	Trench Bottom Depth (Low Side)			36 in Max		Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE	

☑ Residence	No. Bedrooms	2	**Water Supply**
☐ Business	No. Persons	4	☐ Private
☐ Other	No. Employees		☑ Public
☐ Slab	☑ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install on contour with 4ft on center. Serial distribution throughout. Maintain proper seperation from house for deck. Do not drive, park, or construct on septic area.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am
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☐ **IMPROVEMENT PERMIT** ***with plat*** *valid without expiration.* ☑ **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Online Signature Date: Installed by:

IMPROVEMENT PERMIT by: Matt Wei Date: 1/12/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Matt Wei Date: 1/12/23 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4826241140
COUNTY: Iredell

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

OWNER: Gregory Lewis — APPLICATION DATE: 12/13/22
ADDRESS: 233 Bruce Farm Rd, Statesville, NC 28625 — DATE EVALUATED: 1/10/22
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 240 — PROPERTY SIZE: .94 ac
LOCATION OF SITE: 233 Bruce Farm — PROPERTY RECORDED: Y23
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 9%	0-5	SCL/Gr	ns np fr SE	-	48	Sap inclusions in CL in L 33+	Rock spots in CL	PS .3
		5-24	C / SBK	ss sp fr SE					
		24-48	CL / SBK	ss sp fr SE					
2	LS 5%	0-6	SCL/Gr	ns np fr SE	-	44	Sap inclusions 4+ 40+	-	PS .3
		6-24	C / SBK	ss sp fr SE					
		24-48	CL / SBK	ss sp fr SE					
3	LS 5%	0-9	SCL/Gr	ns np fr SE	-	48	Sap inclusions 36+	Rock spots in CL	PS .3
		9-22	C / SBK	ss sp fr SE					
		22-48	CL / SBK	ss sp fr SE					
4	LS 5%	0-8	SCL/Gr	ns np fr SE	-	44	Sap inclusions 26+	-	PS .3
		8-24	C / SBK	ss sp fr SE					
		24-48	CL / SBK	ss sp fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	240	240
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W. Wilkinson
OTHER(S) PRESENT: Sarah B

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

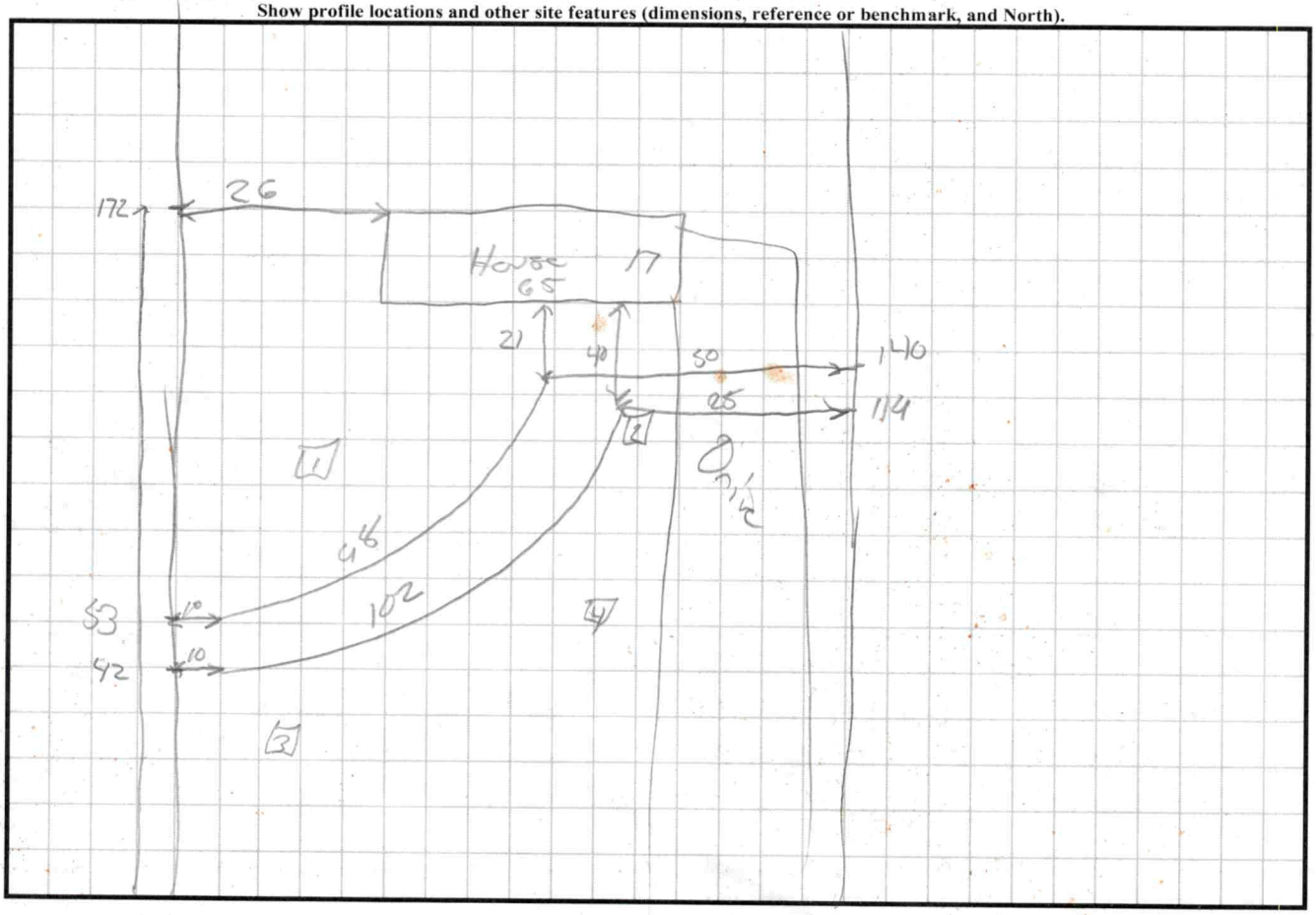
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

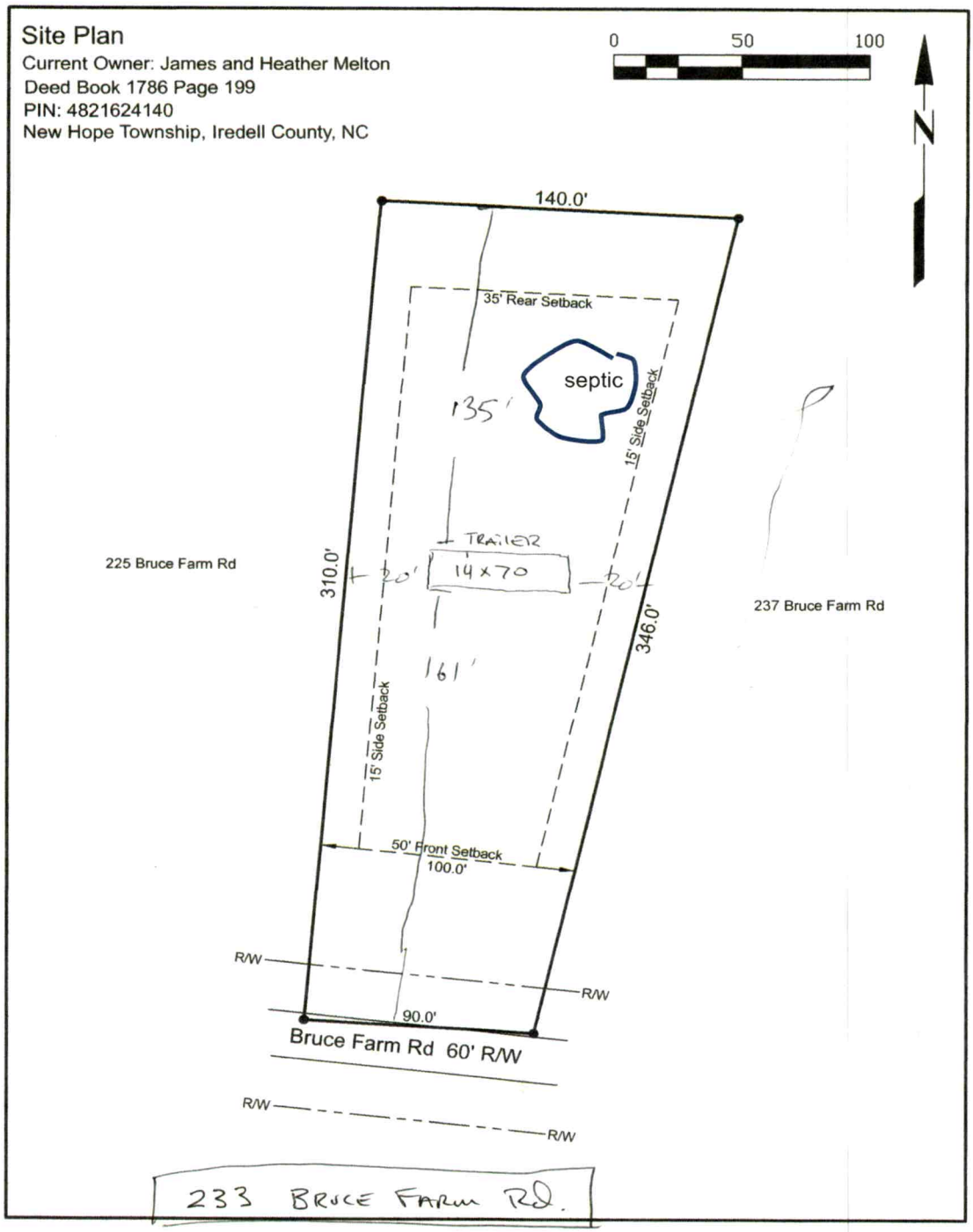


Bruce Ferry Rd

Updated February 2014

Site Plan

Current Owner: James and Heather Melton
Deed Book 1786 Page 199
PIN: 4821624140
New Hope Township, Iredell County, NC



CONNECTGIS WEB HOSTING

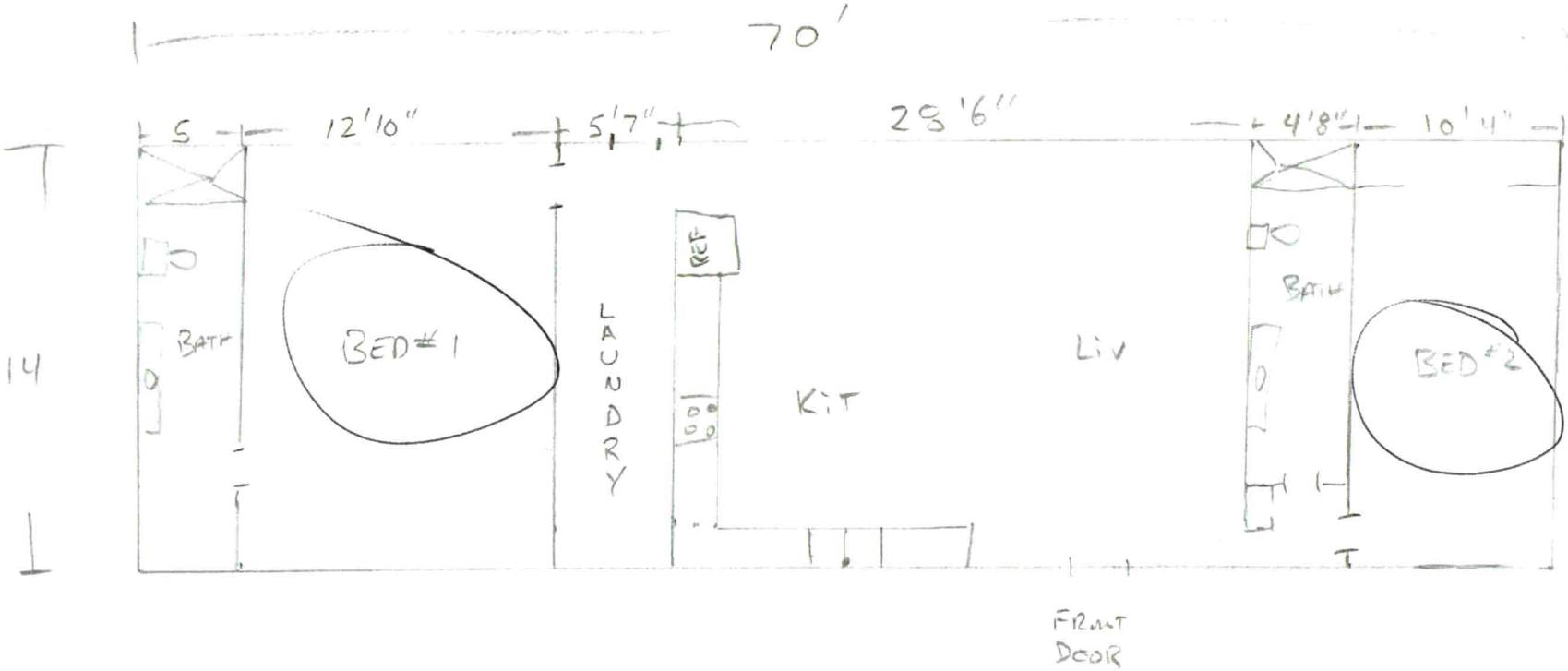
North Carolina Iredell County

Iredell
Printed January 12, 2023
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BACK



Acknowledgement Of
Plans Submittal ONLY!

Date 1/12/23

Date