CW

MANF-2023-30748

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2022-8388

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

PIN # 4642 -- 79 -- 5244

APPLICANT/OWNER: Brendon Gregory APPLICANT ADDRESS: 464 Bassett Rd, Olin, NC 28660

SITE ADDRESS: 144 Labrador Dr, Union Grove, NC 28689 PHONE: (704) 682-1084 ALT. PHONE –

SITE DIRECTIONS: NC-90/N, (L) Sharps Mill, (R) Indian Hill, (L) Labrador SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Brandon S Gregory + Kim J Gregory SECTION: – LOT # 2 LOT AREA: .534 AC DESIGN FLOW: 360 L.T.A.R.: .275

Septic Tank	1000	(gal)	STB	Existing	Date						
Pump Tank		(gal)	PT		Date						
Pump Make		Model			Serial #						
# Nitrification Fields	1	# Lines	6		Linear Ft	282+Ext					
Trench Width	36 in	Trench Bottom Depth (Upside)		30 in max	Gravel Depth	N/A					

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: 25% Reduction - Serial

Repair System Description: 60% Reduction - PM

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

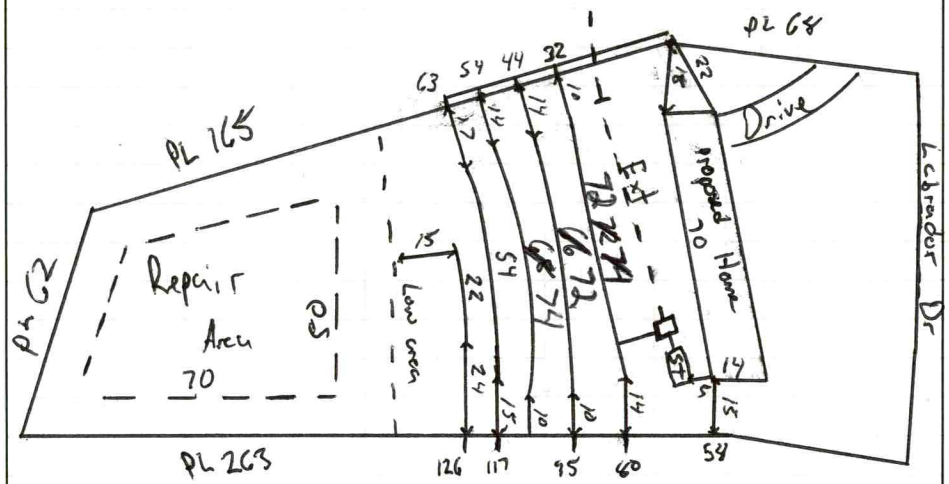
☑ Residence No. Bedrooms 3 | ☐ Business No. Persons 6 | ☐ Other No. Employees | ☐ Slab ☑ Crawl Space | ☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: Install on contour with 4ft on center cut off existing line so it will be 10ft off new property line. Place drop box at the beginning of Ext line to connect to chambers.

INITIAL SITE SKETCH

1 = 50



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: ~~Welborn~~ Welborn Harding

IMPROVEMENT PERMIT by: Mark Wilson Date: 6/29/23 OPERATION PERMIT by: Mark Wilson Date: 9/25/23

AUTHORIZATION TO CONSTRUCT by: Mark Wilson Date: 6/29/23 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 #: 7842775396
COUNTY: Iredell

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

OWNER: Brandon Gregory
ADDRESS: 464 Bassett
APPLICATION DATE 11/2/22
DATE EVALUATED: 12/1/22
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE:
LOCATION OF SITE: 144 Labrador
PROPERTY RECORDED: no
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 7%	0-6	FILL	–					
		6-15	SC SBK	SS SP SE FR	10YR5/4				0.275 PS
		15-32	C ~~MASSIVE~~ ABK	S P SE FR	5YR5/8	40	heavy Litho incl in CL	40	
		32-40	CL ABK	SS SP SE FR	2.5YR4/8				
		40-48	ROCK	VFi					
2	Linear 7%	0-16 E	SCL SBK	SS SP SE FR ~~VFi~~	10YR5/4				~~0.275~~ 0.3 PS
		16-33	C ABK	SS SP SE FR	2.5YR4/8				
		33-50	CL ABK	SS SP SE FR	10R4/8	50	Litho incl in CL	–	
		0-9	SCL Gr	SS SP SE VFR	10YR3/2				
3	Linear 8%	0-10	SCL Gr	VFR SS SP SE	10YR5/4				0.3 PS
		10-18	SC SBK	FR SS SP SE	7.5YR 4/6				
		18-31	C SBK	FR SS SP SE	2.5YR4/8	50	Litho incl in CL	–	
		31-50	CL ABK	FR SS SP SE	2.5YR4/8				
					7.5YR5/6@41				
4	Foot 4%	0-10	SCL GR	VFR SS SP SE	10YR5/4				0.3 PS
		10-15	SC ABK	FR SS SP SE	7.5YR4/6				
		15-34	C ABK	FR SS SP SE	2.5YR4/8	50	Few Litho incl in CL	–	
		34-50	CL ABK	FR SS SP SE	2.5YR4/8				
					7.5YR5/6@28 Litho				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	25%
Site LTAR	.275	.275

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

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.

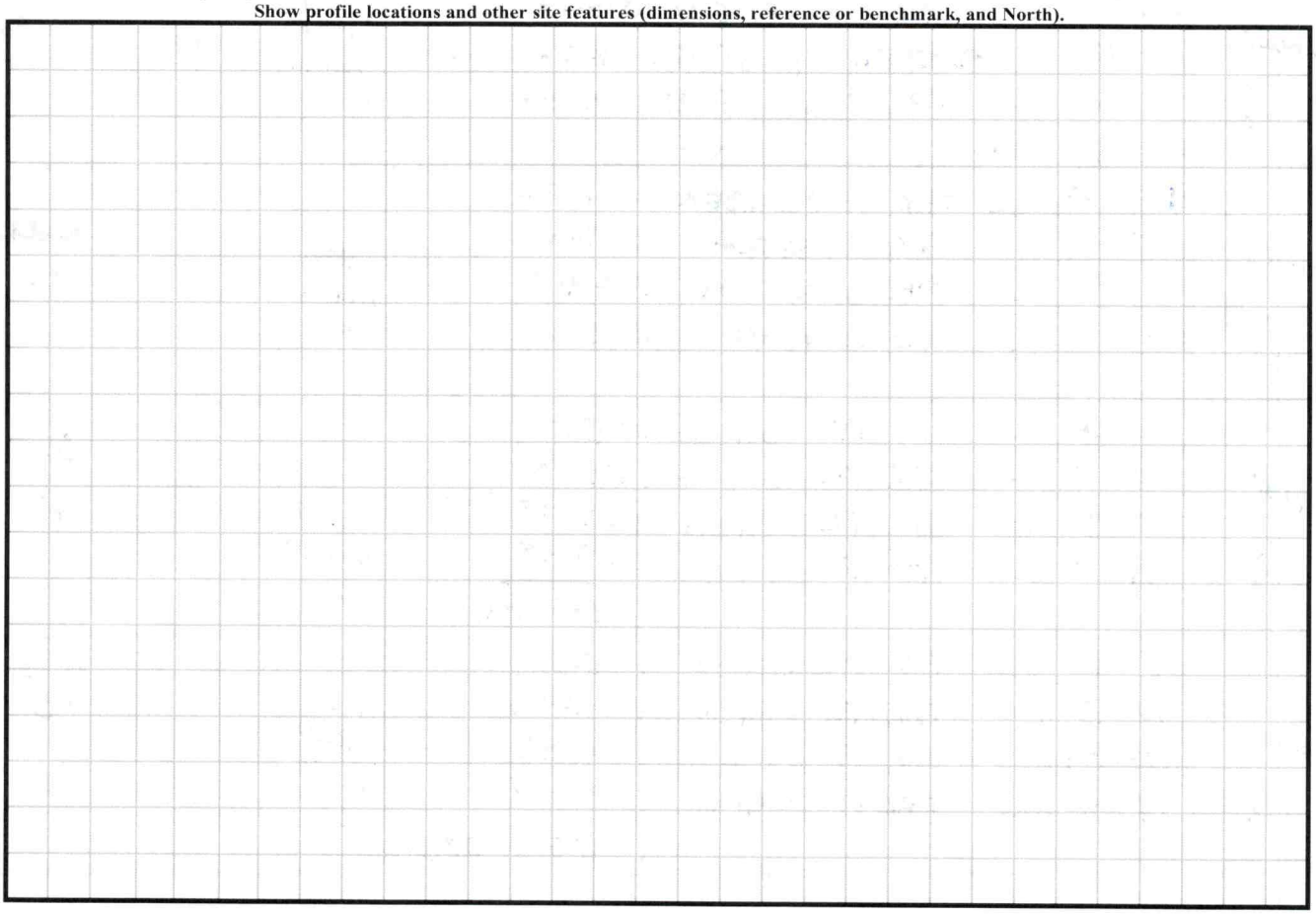
NOTES

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)

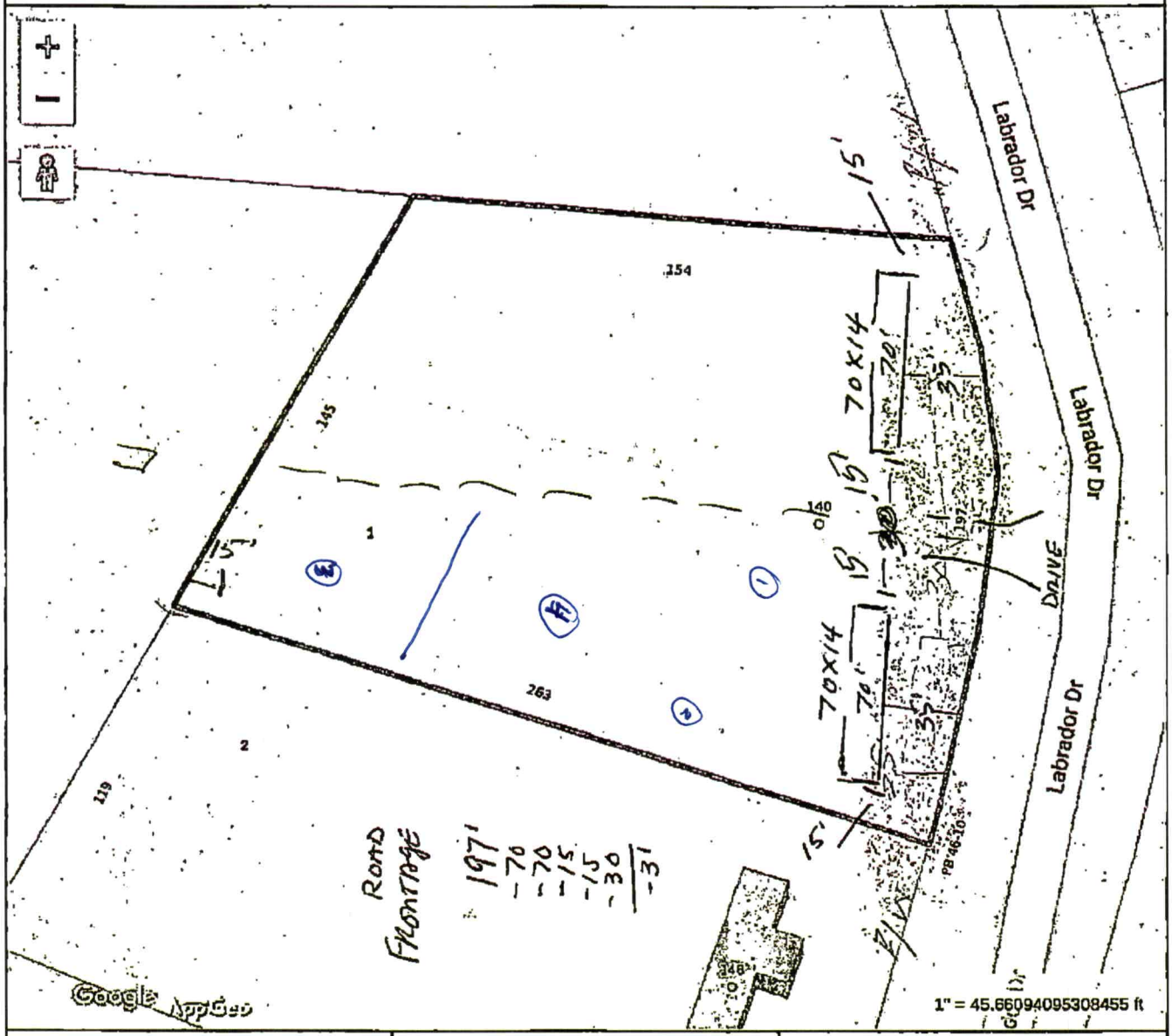
Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



140 Labrador site plan



Tax Map Information

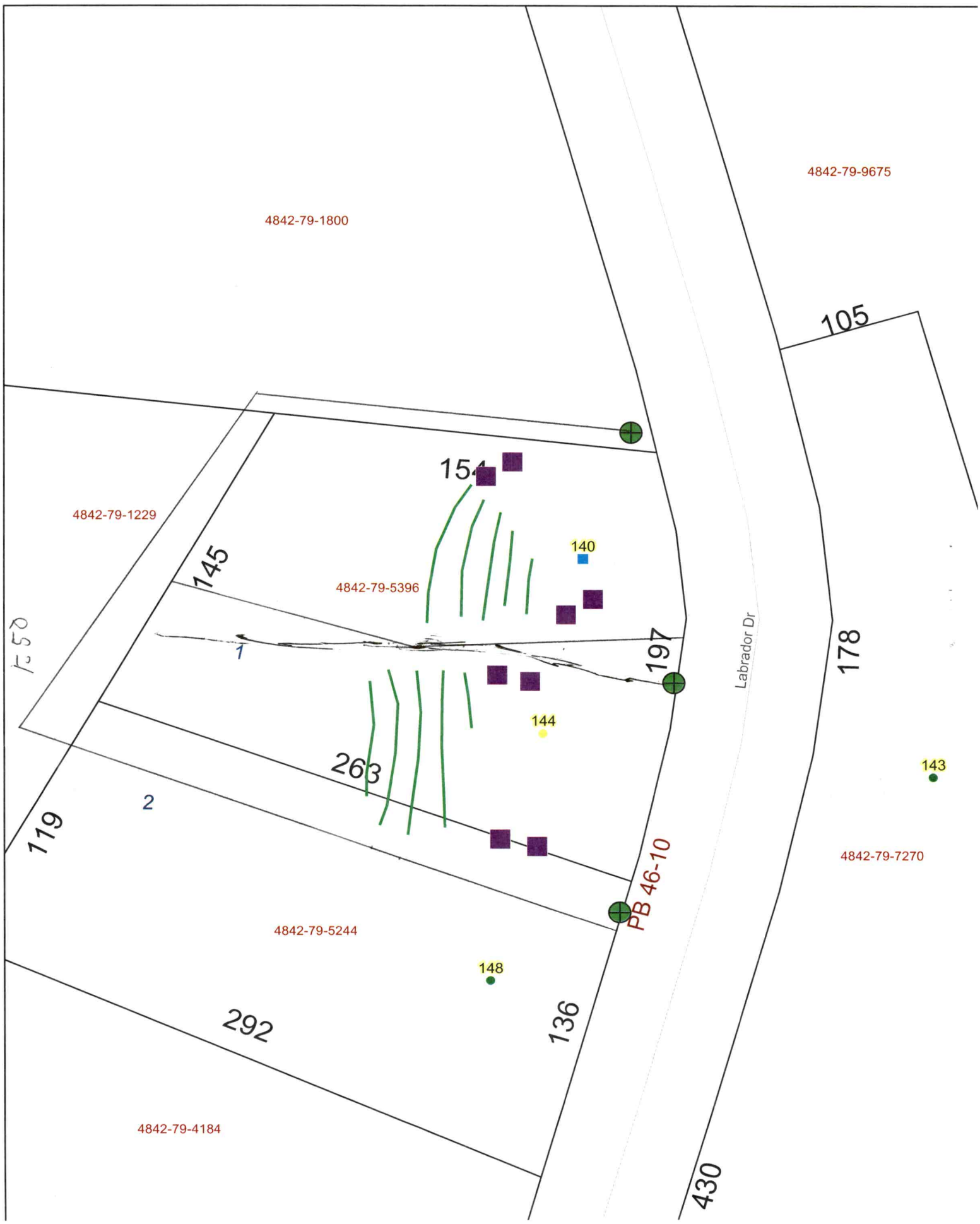
• PIN	4642795396.000
• Address	140 LABRADOR DR
• Account #	Acct 80080122
• Tax Owner	GREGORY BRANDON S
• Mailing Address	464 BASSETT RD
•	OLIN, NC 28660
• GIS Owner	GREGORY BRANDON+KIMBERLY J
• Deed Info	2794 / 1636 - WD - 20210319
• Tax Acres	0.9 AC
• Lot #	1
• Description	SIMMERSON RANDY LEE+BARBARA ANN PB46-10
• Zoning	RA
• Old Parcel #	
• Bldg Value	$0
• OBXF Value	$5,200
• Land Value	$8,100
• Total Value	$13,300
• Defer Value	$0
• Tax Districts	-ALLCOUNTY FIRE- -

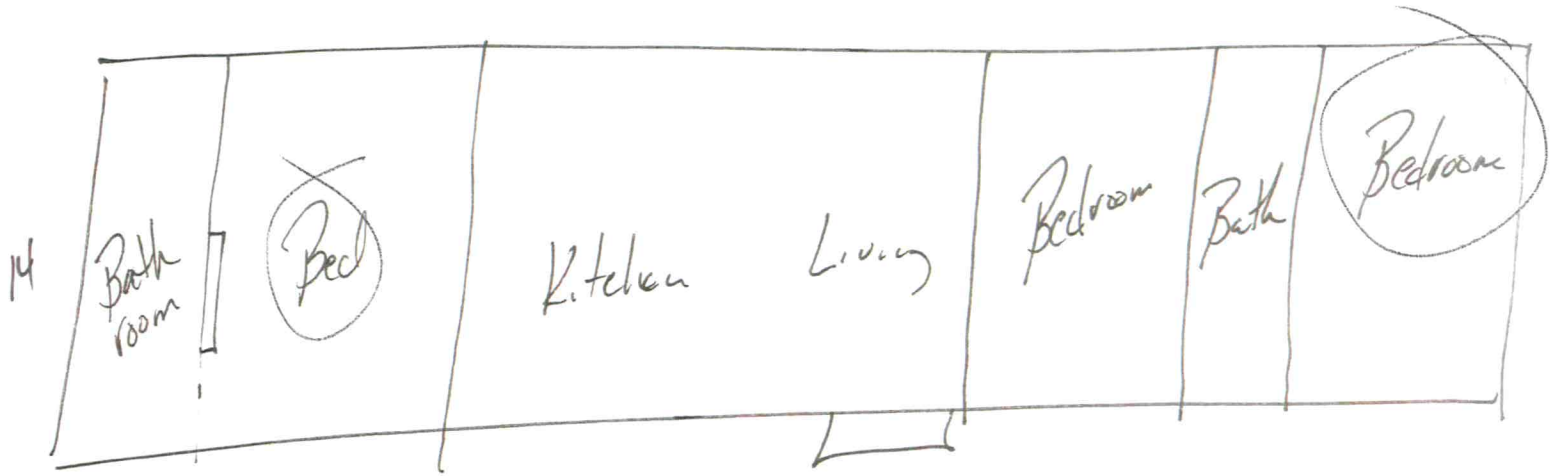
IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.


4842-79-9675
4842-79-1800
105
154
4842-79-1229
140
145
4842-79-5396
197
178
Labrador Dr
144
263
143
119
2
4842-79-7270
PB 46-10
4842-79-5244
148
292
136
4842-79-4184
430



70

Acknowledgement Of
Plans Submittal ONLY!
Mark Wi Date 6/29/23
Date

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