ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # MANF-2023-30741 (CW) 2023-8386

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

PIN # 4642 -- 74 -- 6318

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

SITE ADDRESS: 140 Labrador Dr, Union Grove, NC 28689 PHONE: (704) 682-1084 ALT. PHONE –

SITE DIRECTIONS: NC-901 N. to Sloans Mill, R. Indian Hill, L. SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Brandon S Gregory + Kim J Gregory SECTION: - LOT # 3 LOT AREA: .541 AC DESIGN FLOW: 240 L.T.A.R.: .275

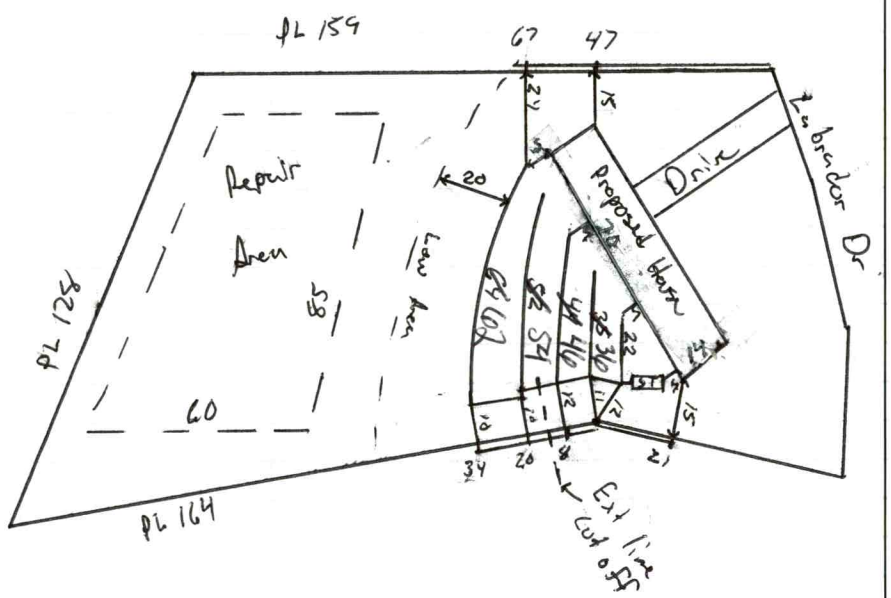
Septic Tank	1000	(gal)	STB	160	Date	5/20/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% Reduction - Serial			
Pump Make		Model			Serial #		Repair System Description:	50% Reduction - PM			
# Nitrification Fields	1	# Lines	5		Linear Ft	219	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 in	Trench Bottom Depth (~~low side~~)			30 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. Stay 15ft off low area. Cut off existing line to be 10ft off. Do not drive, park or construct on septic area.

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: [redacted] Welborn Grading

IMPROVEMENT PERMIT by: Matt Winn Date: 6/29/23 OPERATION PERMIT by: Matt Winn Date: 9/28/23

AUTHORIZATION TO CONSTRUCT by: Matt Winn 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 #: 4542745396
COUNTY: Iredell

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

OWNER: Brenden Gregory
ADDRESS: 464 Bessent
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 140 Laburdan

APPLICATION DATE 11/2/22
DATE EVALUATED: 12/1/22
PROPERTY SIZE:
PROPERTY RECORDED:

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	FS 8%	0-7	SCL/Gr	ns np fr SE	-	48	Sap inclusions at 36	Rock begin at 42 gets heavier deeper stay clear	PS .3
		7-14 E	SL/SBK	ns np fr SE					
		14-48	C/SBK	ss sp fr SE					
2	LS 10%	0-8	SCL/Gr	ns np fr SE	-	48	Sap inclusions begin at 31 Litho at 38	Rocky toward bottom at 45	PS .275
		8-14	SL/SBK	ss sp fr SE					
		14-31	C/SBK	ss sp fr SE					
		31-48	CL/SBK&ABK	ss sp fr SE					
3	FS 8%	0-8	SCL/Gr	ns np fr SE	-	48	~~Heavy~~ Sap inclusions in CL	Rock throughout Clay layer	PS .275
		8-23	C/SBK	ss sp fr SE					
		23-48	CL/SBK	ss sp fr SE					
4	FS 8%	0-10	SCL/Gr	ns np fr SE	-	44	Sap inclusions at 34		PS .275
		10-31	C/SBK	ss sp fr SE					
		31-44	CL/SBK	~~ss sp fr SE~~					
		44+	Rock	S P fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	~~360~~ 240	~~360~~ 240
System Type(s)	2 ST	50%
Site LTAR	.275	.275

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

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.

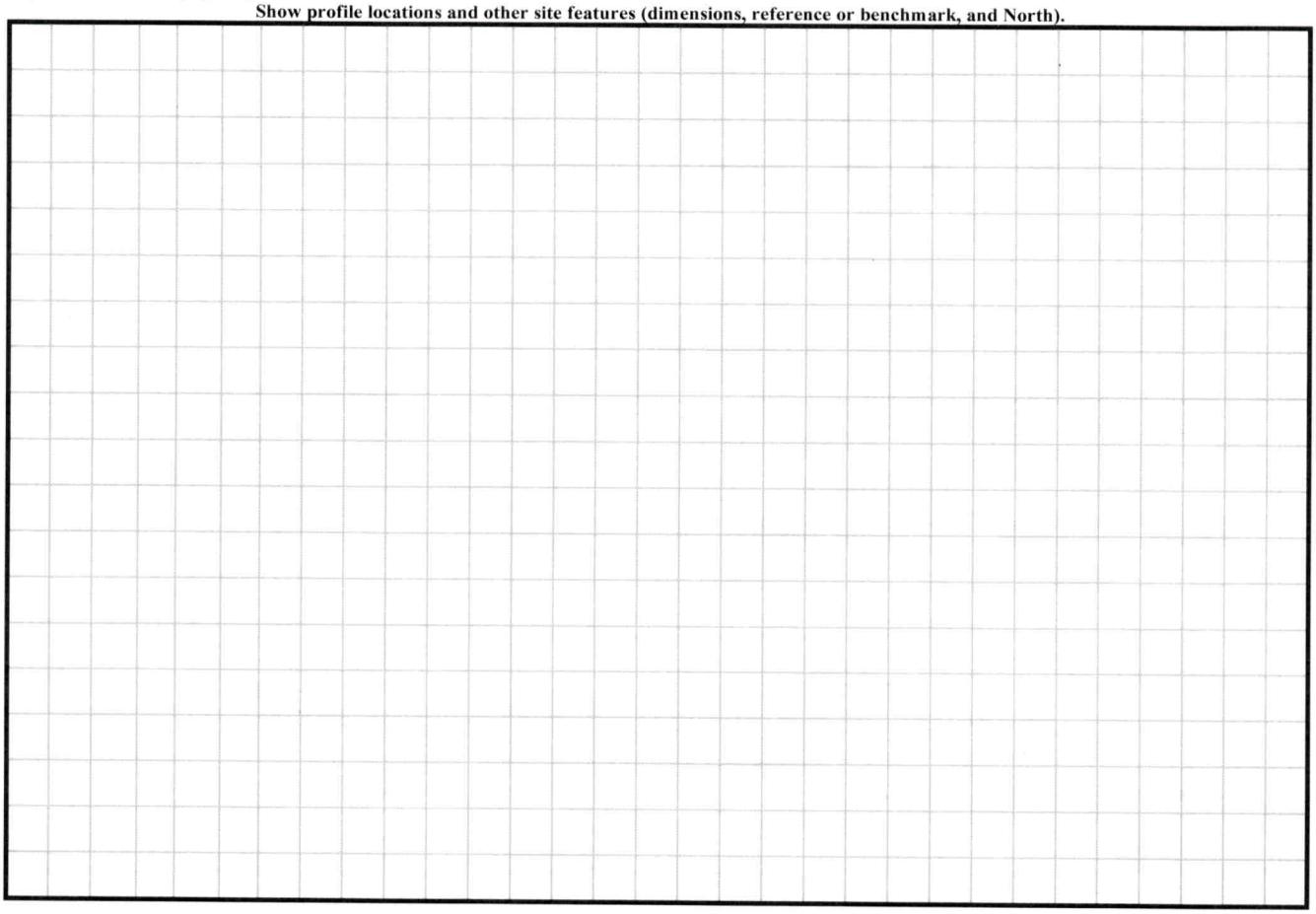
NOTES

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)

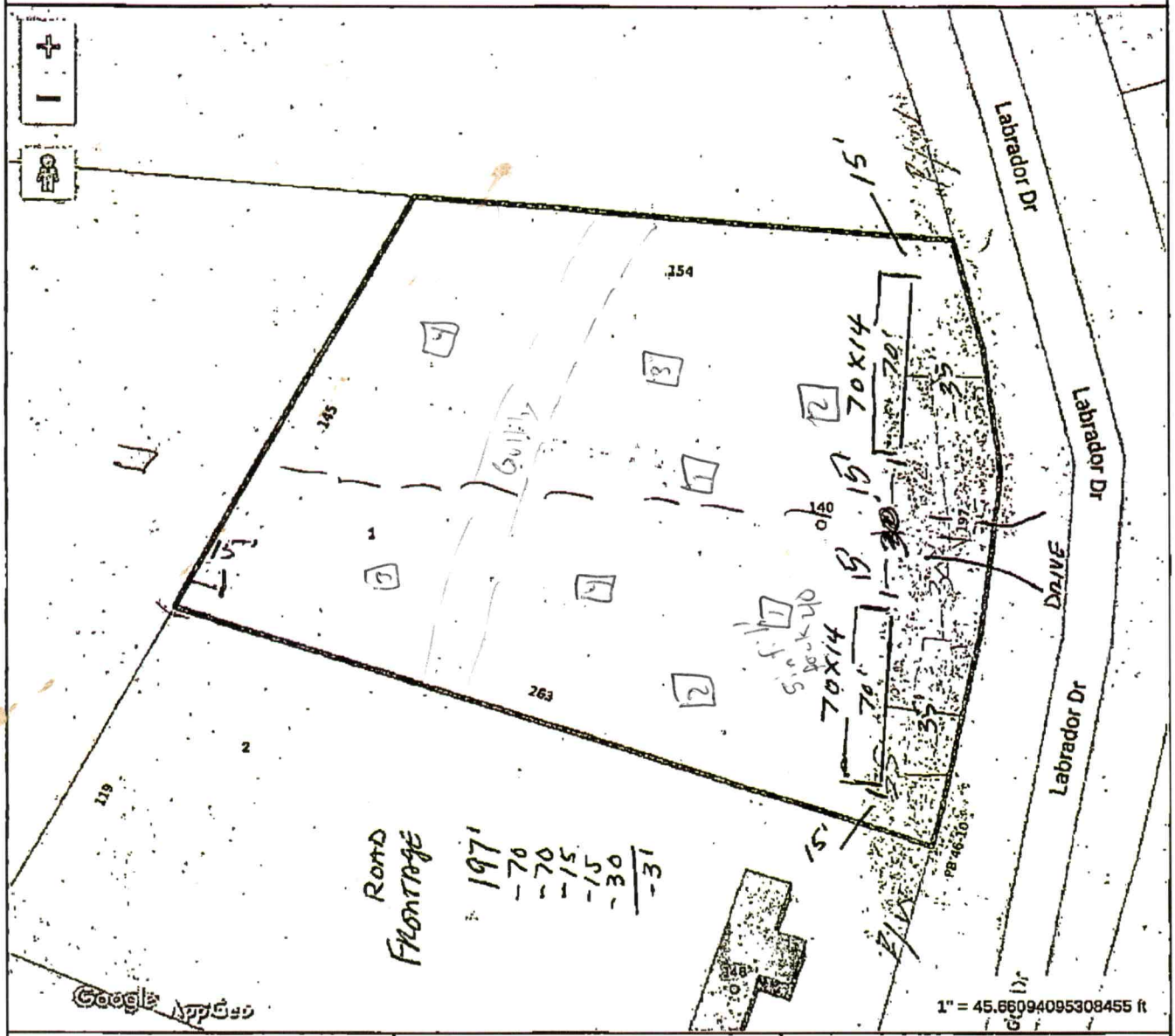
Evaluation of saprolite shall be by pits.

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.



Tax Map Information

• PIN	4842796318.000
• Address	140 LABRADOR DR
• Account #	Acct
• Tax Owner	
• Mailing Address	
•	,
• GIS Owner	GREGORY BRANDON+KIMBERLY J
• Deed Info	2794 / 1636 - WD - 20210319
• Tax Acres	0.541
• Lot #	3
• Description	BRANDON S+KIMBERLY GREGORY PB80-65
• Zoning	
• Old Parcel #	
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$0
• Total Value	$0
• Defer Value	$0
• Tax Districts	- -

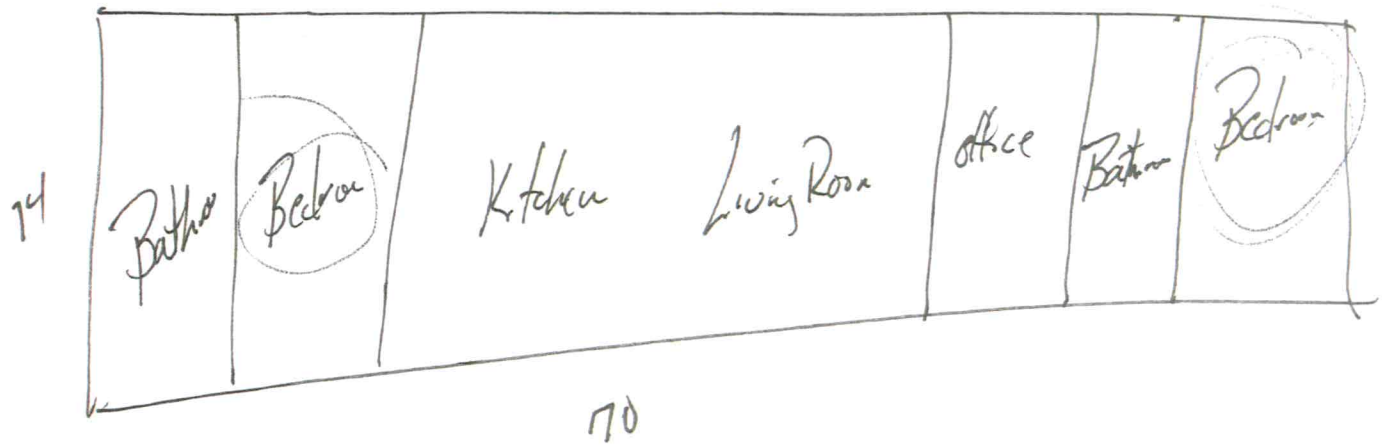
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Geometry updated 06/05/2023
Data updated 06/05/2023

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Acknowledgement Of
Plans Submittal ONLY!
Matt Lin Date 6/25/23
Date

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