ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 309745

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

PIN # 4629-70-4989

APPLICANT/OWNER: Robert Barton APPLICANT ADDRESS: 188 Sagemore Rd 28117

SITE ADDRESS: 126 Redbud lane Troutman NC 28166 PHONE: 704-453-1230 ALT. PHONE –

SITE DIRECTIONS: State Park Rd L on Morrison Farm R on Redbud SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Allendale Acres SECTION: – LOT # 11 LOT AREA: .46 Acre DESIGN FLOW: 480gpd L.T.A.R.: .35

Septic Tank 1000 (gal)	STB SHOAF 760	Date 5/21	☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI		☒ Residence	No. Bedrooms 4	Water Supply	
Pump Tank (gal)	PT	Date	System Description: PPBPS Crawl		☐ Business	No. Persons 8	☐ Private	
Pump Make	Model	Serial #	Repair System Description: PPBPS Crawl		☐ Other	No. Employees	☐ Public	
# Nitrification Fields 1	# Lines 5	Linear Ft 230'	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space	☐ Community	
Trench Width 36"	Trench Bottom Depth(~~Low side~~) Max 32"	Gravel Depth –	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Install Drainlines on Center of land, use D Box for distribution.

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Thompson Environmental Consulting

LSS # 1287

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.

Tank checked - needs filter
Drain lines checked - need plumbing 7/9/21 DW

As Built - see attached

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: Bob Barton Date: 2-19-2021 Installed by: Richard Abernathy Company

IMPROVEMENT PERMIT by: Date: 2-11-2021 OPERATION PERMIT by: James Boggs Date: 7-13-2021

AUTHORIZATION TO CONSTRUCT by: Date: 2-11-2021 Existing System Inspected by: Date:

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

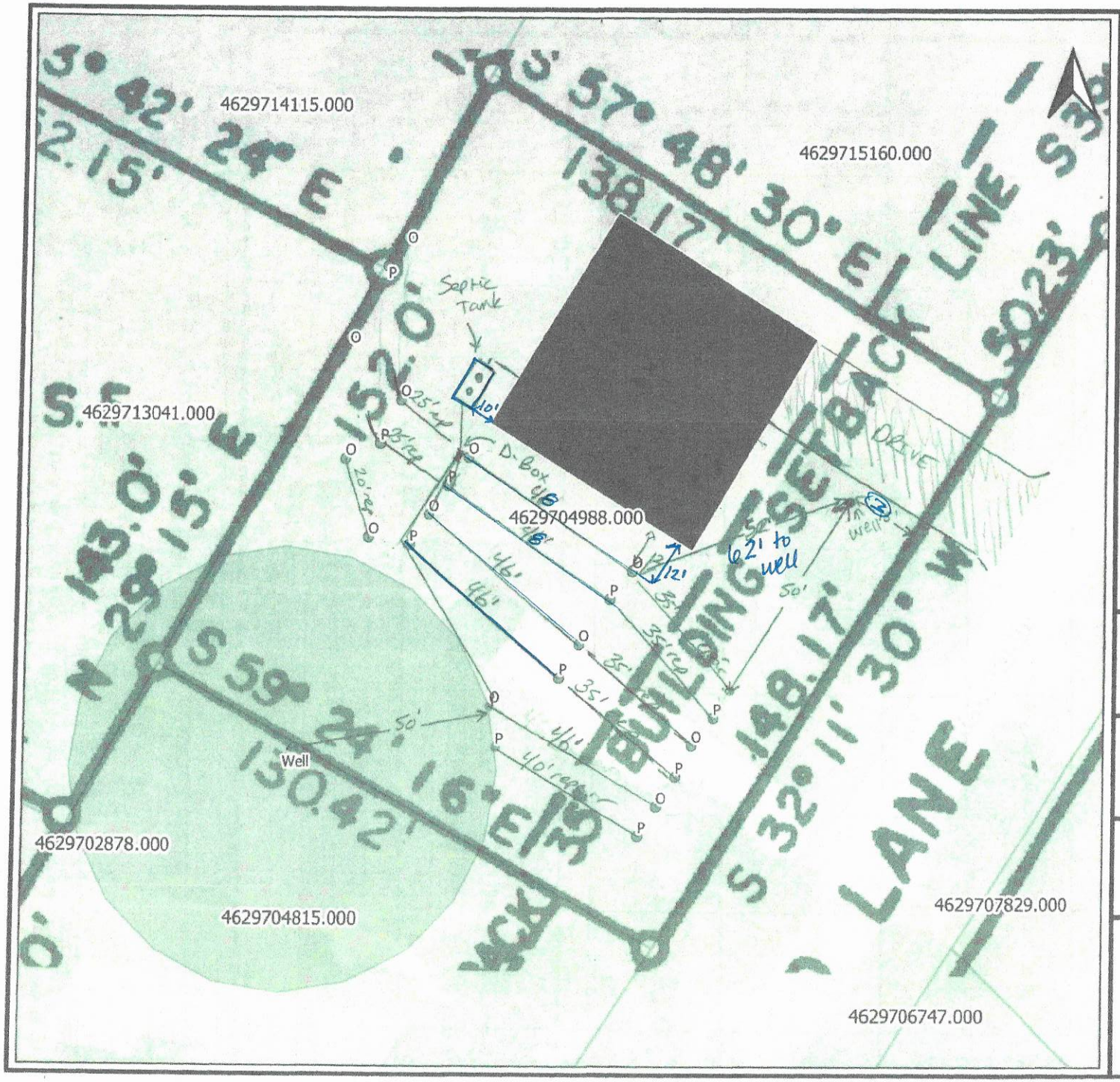


FIGURE 1

Prepared For:

Bob Barton

Revised Septic Layout

Lot 11 - Allendale Acres
126 Redbud Lane
Troutman, NC 28166

Iredell County

Scale:
0 15 30 ft

TEC Job No.
21-06

Date:
January 2021

Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS

Residential Subsurface Wastewater Treatment and Disposal System Proposal

for

Lot 11 – Allendale Acres
126 Redbud Lane
Troutman, NC 28166

Tax Parcel # 139-052-21
October 3, 2020

Prepared for:

Bob Barton
Barton Builders
188 Sagemore Road
Mooresville, NC 28117
704-453-1230



Prepared by:

Larry Thompson, REHS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
Fax: 206-350-8895
larry@thompsonenv.com



******This proposal is for a gravity flow system with minimum setbacks to the house foundation and property lines. Extreme caution should be taken to protect the septic drainfield area from encroachment and construction traffic. Plumbing from the house must be held high to prevent the need for a pump. Foundation drain will not be possible due to minimum setbacks. Septic contractor must be pre-approved by Thompson Environmental Consulting to install the proposed system.***

Details

Barton Builders have contracted with Thompson Environmental Consulting, Inc. (TEC) to prepare a Session Law 2018-114 septic proposal for a new 4-bedroom single family residence to be located at 126 Redbud Lane, Troutman, North Carolina (Lot 11 – Allendale Acres).

Based upon a soils investigation performed by TEC on the 0.4624-acre lot, TEC has determined that a sufficient amount of "Suitable" Group IV soils are available for the installation of a **Gravity-Flow Prefabricated Porous Block Panel System** (PPBPS) at a 0.35 long term acceptance rate (LTAR) for both the initial as well as the repair system. The property will be served by a private well.

Barton Builders would like to request that Iredell County Environmental Health (ICEH) issue an Improvement Permit and Construction Authorization for a subsurface wastewater treatment and disposal system based upon the following proposal and the enclosed Licensed Soil Scientist Evaluation, which is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11. (c).

Location

From Mooresville, take Cornelius Road to Judas Road. Turn right onto Judas Road, right onto Perth Road and left onto State Park Road. In 1.4 miles turn left onto Morrison Road. In 1.6 miles turn right onto Redbud Lane. 126 Redbud Lane is located on the right in 0.1 miles.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, April 2017.

Design, Installation and Maintenance of the T & J Panel Wastewater Treatment System; Sixth Edition, published by T & J Panel.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208
NC Licensed Soil Scientist No. 1287
SC Certified Professional Soil Classifier No. 111

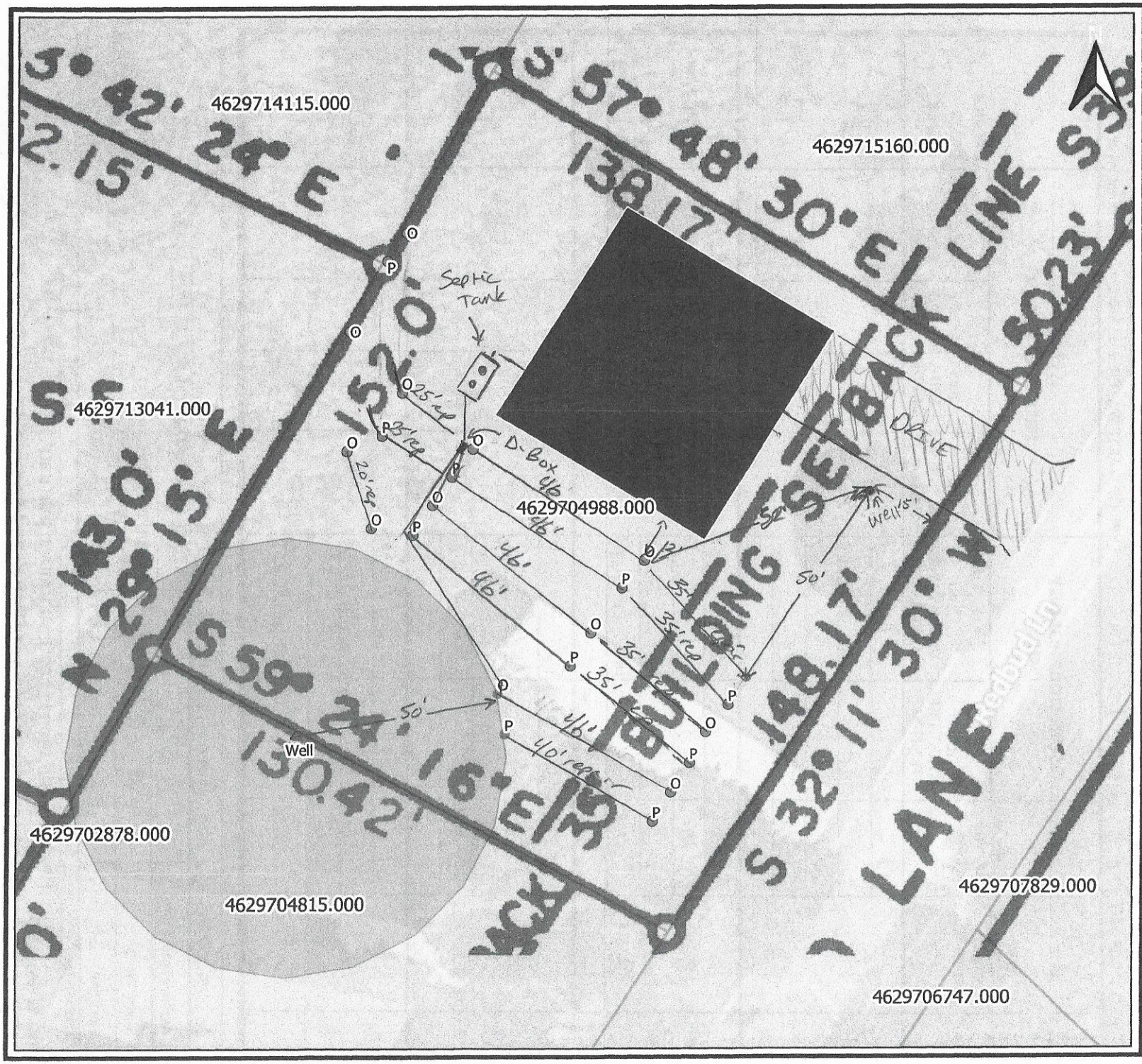


FIGURE 1

Prepared For:

Bob Barton

Revised Septic Layout

Lot 11 - Allendale Acres
126 Redbud Lane
Troutman, NC 28166

Iredell County

Scale:
0 15 30 ft

TEC Job No.
21-06

Date:
January 2021

Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS

NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer No. 1762
NC Certified Wastewater System Inspector No. 17621

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and 1,000 gallons in capacity.
2. The septic tank will be fitted with an approved effluent filter.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pipe, Fittings and Supply Line

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.

C. Distribution Method

1. The system will be fed by a distribution box.
2. Distribution box shall be water-tested at the time of the final inspection.

D. Drainfield Installation

1. The proposed drainfield location has been marked on-site utilizing metal stemmed flags. Once this area has been approved by the county, the property owner/builder should mark this area and isolate it as much as possible from construction traffic. Prior to the system installation, the septic contractor shall contact the county for a preconstruction conference at which time the drainfield area will be re-verified.
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition. If the installer has doubts as to whether the drainfield area is dry enough to begin construction, the environmental health specialist for this area should be contacted for permission to proceed with the installation.
3. The specified system is a Type IIIe pre-fabricated permeable block panel system – specifically the 16-inch-high panel system manufactured by T&J Panel Wastewater Treatment System, Patent No. 4013559; telephone: 1-800-222-2577. The installer must follow the manufacturer's guidelines for installing the T&J Panel System and should request an installation manual from the manufacturer prior to beginning construction.
4. The initial drain field consists of five (5) lateral trenches, each being 2-feet wide by 46 feet in length. Total trench length is 230 feet.

5. It is essential that the lateral trenches be constructed on contour with the land, with each trench being excavated level from beginning to end. The use of a tripod mounted engineer's level is essential to assure that each trench is constructed as level as possible.
6. The maximum trench depth for this system shall be **32 inches**. Each trench shall be placed on a minimum of 9-foot on centers.
7. Once trenches are dug, the side walls shall be raked and a light dusting of lime applied.
8. Backfill the trench with 6 inches of sand and level to grade. Once leveled, place 1 x 4 or 6-inch boards on top of the sand the entire length of each trench. Once the grade boards have been set, the panels may be set into the trench. The panels should be placed 6 inches apart.
9. Once the panels have been set, line the top chamber of each panel with 10 – 12 pounds of clean particle sand (medium sand blasting sand). Coverage depth should be approximately 1 inch thick. *Please note that this sand is not the same material specified for backfill.*
10. Tar seal rope, or approved foam, should be placed in the "U" outs of each end of the panel to form seals. Once the tar rope is in place, the Schedule 40 PVC connectors can be added and the seal completed by the addition of more tar rope on the top and sides of the pipe. Now that the connection and seals are complete, a block cap is placed on each end of the panel so that all openings are covered.
11. Once the panels for each trench have been installed and the top of the panels closed, the trench is ready to be backfilled to the top with the sand used in the trench bottom. At this point, the trenches should be left open for the final inspection by the county environmental health specialist.

E. Backfill

1. Backfill sand shall be clean, washed, medium sand that is naturally occurring and falls within the gradation of ASTM C-33 specification (used in the ready-mix industry and is readily available).

F. Final Landscaping

1. As previously stated, the final soil cover over the drainfield shall be a minimum of 6 inches deep. Additional soil may need to be brought in to obtain the required cover depth.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The drainfield area should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

G. Utility Conflicts

1. The builder and property owner must take special care in planning for water, power, gas, telephone and cable lines. These utilities shall be kept clear of all parts of the

septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation. If there are any questions regarding preferred routes, contact ICEH as soon as possible.

2. Drainfield area should be protected from encroachment of any type. It is recommended that the drainfield area be delineated by orange barrier fencing to eliminate unnecessary construction traffic.
3. Lawn irrigation should not be placed over the drainfield area.

Maintenance

I. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25 percent of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. When it becomes necessary to clean the effluent filter, the filter should be removed and the accumulated debris washed back into the septic tank – not onto the lawn.
4. Any damp areas, leakages or malfunctions in the drainfield area should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

Design Specifics

Daily Design Flow:	480 GPD – 4 Bedroom House
Septic Tank Size:	1,000 Gallons (minimum)
Effluent Loading Rate:	Design = 0.35 GPD/ft2.
Drain Field Type:	PPBPS
Distribution Method:	Distribution Box
Number of Drainlines:	5
Drainlines:	(5) 3' Wide x 46' Long
Total Trench Length:	230 Linear Feet
Number of Panels per Line:	10
Total Number of Panels:	50

Maximum Trench Depth:	32 Inches
Final Cover Requirement:	6 Inches (minimum)

Repair Specifics

Repair System Type:	PPBPS
Repair System LTAR:	0.35 GPD/ft^2
Repair Distribution Method:	Gravity Flow (D-Box)
Total Length of Repair Lines:	230 Feet (240 Feet Available)
Maximum Repair Line Trench Depth:	32 Inches

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

18/32 Pad

Sheet 1 of 1
PROPERTY ID #: 4629704988.000
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Richard + Beverly Griffin
ADDRESS: 2419 Sampson Road, Cardin, NC 28645
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 1800gpd
LOCATION OF SITE: 126 Ledbetter, Troutman, NC Hiddendale Acres
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut
DATE EVALUATED: 9-28-20
PROPERTY SIZE: .462 ac
PROPERTY RECORDED:
TYPE OF WASTEWATER: ☐ 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	
SB 1	LS 6%	0-5	SBK/scl	FR/ss/ps/vs/sp	—	48"	—	—	PS 0.35
		5-24	SBK/c	FI/ss/ps/vs/sp					
		24-33	SBK/c	FI/ss/ps/vs/sp					
		33-48	SBK/CL	FR/ss/ps/vs/sp					
SB 2	LS 6%	0-6	SBK/scl	FR/ss/ps/vs/sp	—	48"	—	—	PS 0.35
		6-24	SBK/c	FI/ss/ps/vs/sp					
		24-37	SBK/c	FI/ss/ps/vs/sp					
		37-48	SBK/CL	FR/ss/ps/vs/sp					
P1 3	LS 6%	0-6	SBK/scl	FR/ss/ps/vs/sp	—	48"	—	—	PS 0.35
		6-24	SBK/c	FI/ss/ps/vs/sp					
		24-40	SBK/c	FI/ss/ps/vs/sp					
		40-48	SBK/CL	FR/ss/ps/vs/sp					
P2 4	LS 6%	0-11	SBK/scl	FR/ss/ps/vs/sp	—	48"	—	—	PS 0.35
		11-26	SBK/c	FI/ss/ps/vs/sp					
		26-45	SBK/c	FI/ss/ps/vs/sp					
		45-48+	SBK/CL	FR/ss/ps/vs/sp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PPBPS	PPBPS
Site LTAR	0.35	0.35

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Provisional
EVALUATED BY: Larry Thompson
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST — LARRY B. THOMPSON JR. — 1287 — STATE OF NORTH CAROLINA

COMMENTS:

Updated February 2014

The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: 462970498.00
DATE OF EVALUATION: 4.30.20
COUNTY: Iredell

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
P5	LS 1%	0-12	SBK/SCL	FR/SS/SP/SEX	—	63"	—	—	PS 0.35
		12-50	SBK/C	FI/S/P/SEX					
		50-63	SBK/CL	FI/SS/SP/SEX					

LEGEND

use the following standard abbreviations

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

*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).

SEE FIGURE 1

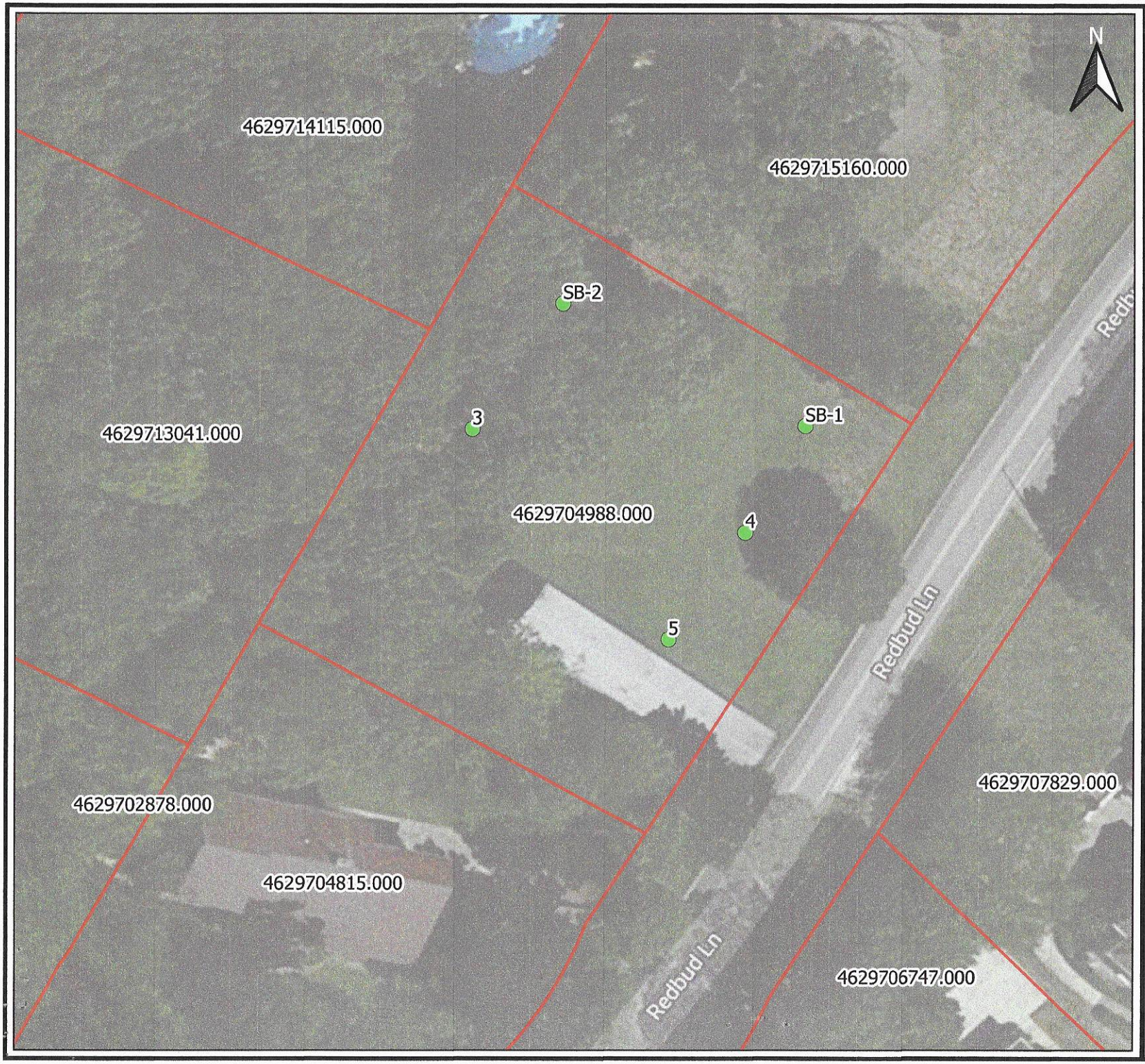


FIGURE 1

Prepared For:

Bob Barton

Soil and Site Evaluation

Lot 11 - Allendale Acres
126 Redbud Lane
Troutman, NC 28166

Iredell County

Scale:
0 20 40 ft

TEC Job No.
20-136

Date:
October 2020

Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS

RECEIVED JAN 2 6 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE
OR IT WILL NOT BE PROCESSED

AP-309745

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Paid $500.00 Session Law

Application For:
(✓) Septic Improvement Permit ( ) New Well Permit ( ) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted:
Place an (X) beside whichever is submitted if applicable
( ) Survey Plat, scaled no more than 1 inch = 60 feet
( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Robert BARTON Address: 188 SAGEMORE RD Zip: 28117
Applicant Email: bobbarton6@gmail.com Phone: 704-453-1458 Alt. Phone:
Owner Name: Address: Zip:
Owner Email: Phone: Alt. Phone:

Property Information:

Street Address: 126 REDBUD LN. TROUTMAN NC. 28166
Subdivision Name: ALLENDALE Section/Phase: Lot Number: 11
Driving Directions: STATE PARK RD. LEFT ON MORRISON FARM RT. ON REDBUD

Site Development Information: *(check or complete ALL that apply*

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 2
( ) Swimming Pool
( ) Other Addition/Structure:
Non-Residential Site Development: Type of Business:
Square Footage of Building: 3140 Max. Number of Employees: Max. Number of Seats/Beds/Other: 4

CHECK FOUNDATION TYPE
(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well Number of Houses: 1 Number of Persons: 2
(✓) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed:
( ) No Preference ( ) Alternative (✓) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: PANEL 2590 GRAVITY

Please answer the following to the best of your ability:
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: Robert Barton
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

1/20/2021
DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ 1. * APPLICANT AND OWNER ARE THE SAME. * (*Sign here*) Robert Barton

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*
In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☐ 2. I, ROBERT BARTON, am the legal owner(s) of the property located at 126 REDBUD LN. TROUTMAN, identified as PIN (Parcel Identification Number) LOT # 11, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Robert Barton
Signature of Owner(s)

1/21/2021
Date

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

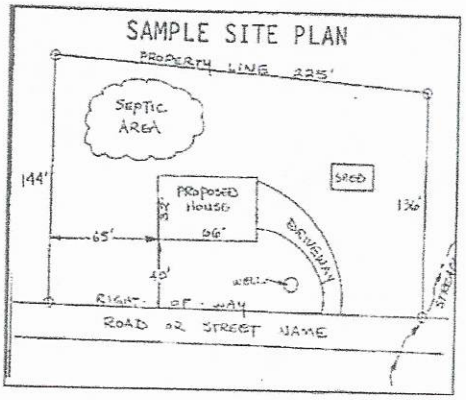
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. ***INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!***



Place an (X) beside each item as you complete the site plan:

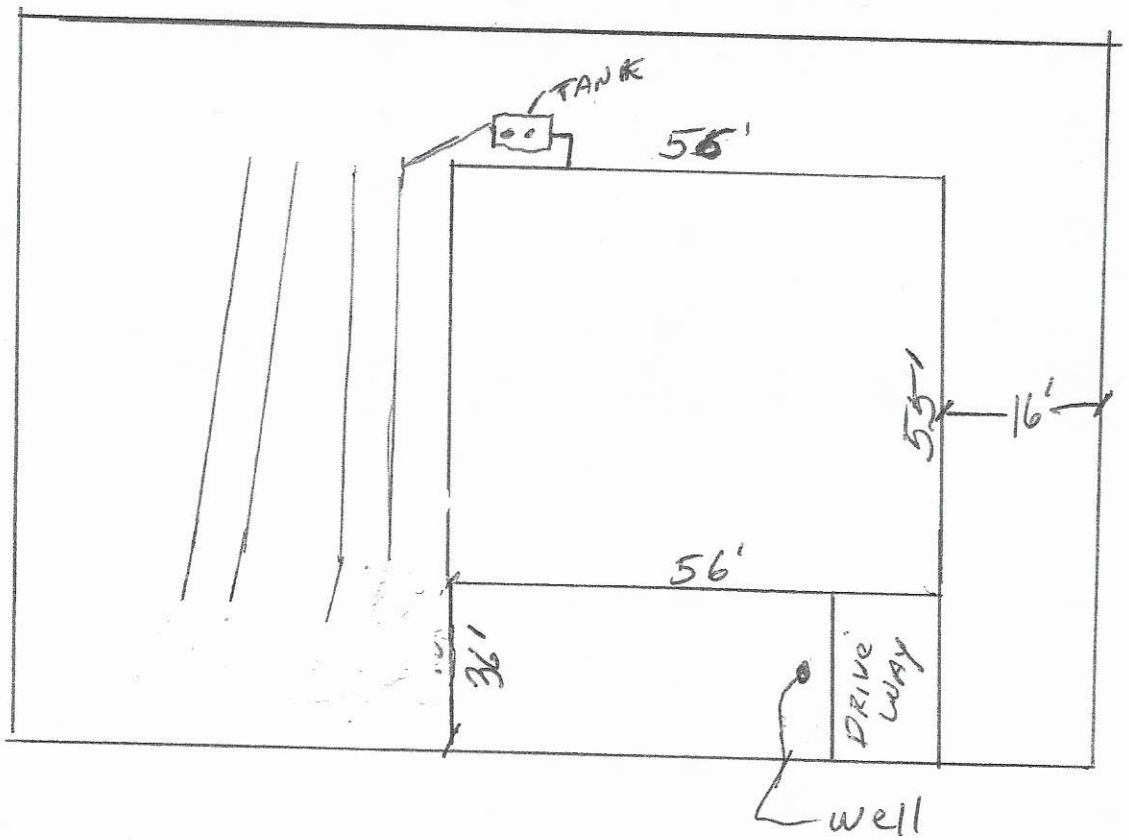
( ) Property Line measurements are clearly identified
( ) All proposed structures are indicated
( ) Front and side setbacks from property line
( ) Preferred driveway location and well location
( ) Area you prefer your septic system to be placed
( ) North arrow, or other sufficient indicator of direction

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



Signature: Robert Barton

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

1/21/2021
DATE

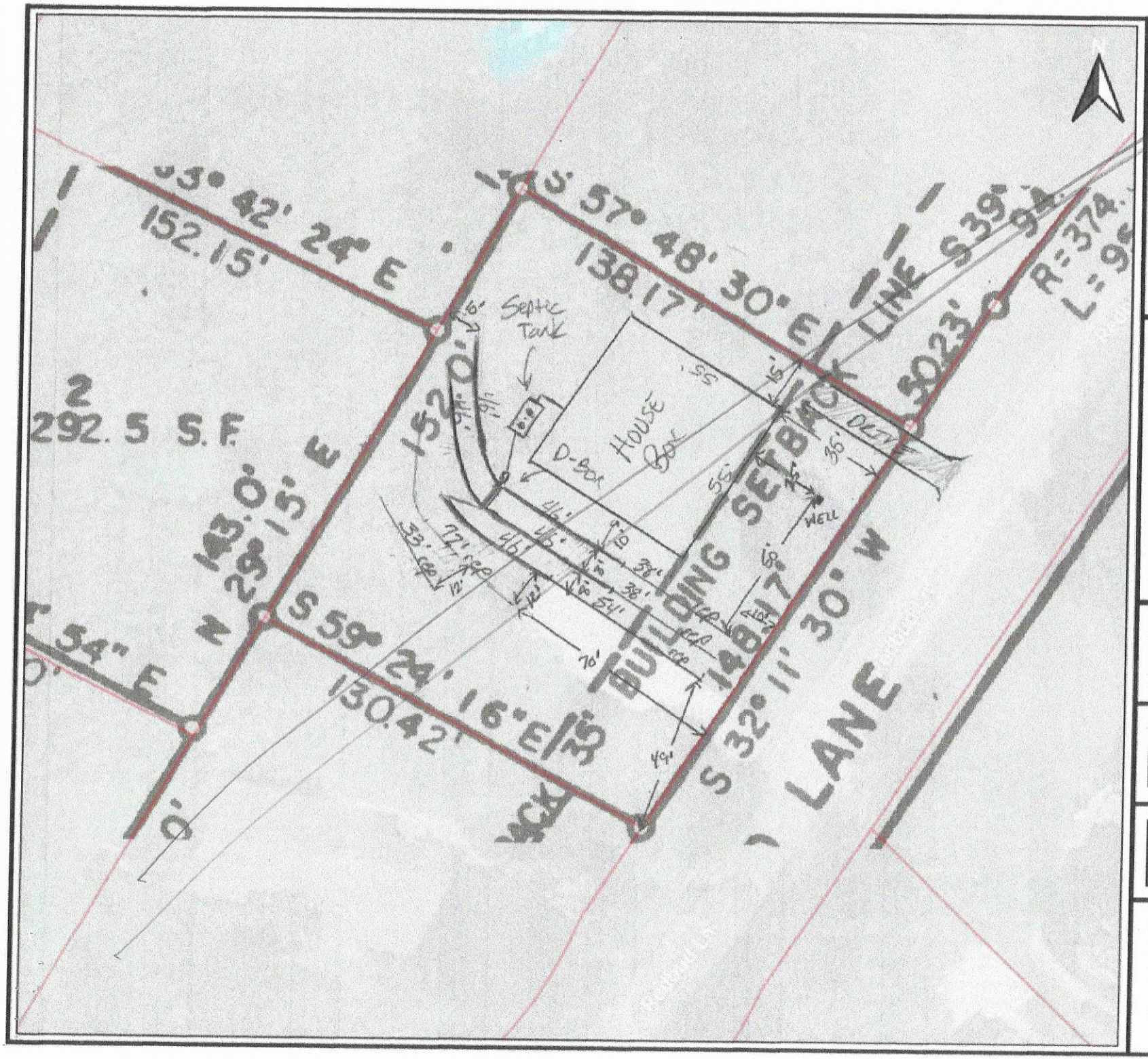


FIGURE 2

Prepared For:

Bob Barton

Proposed Septic Layout

Lot 11 - Allendale Acres
126 Redbud Lane
Troutman, NC 28166

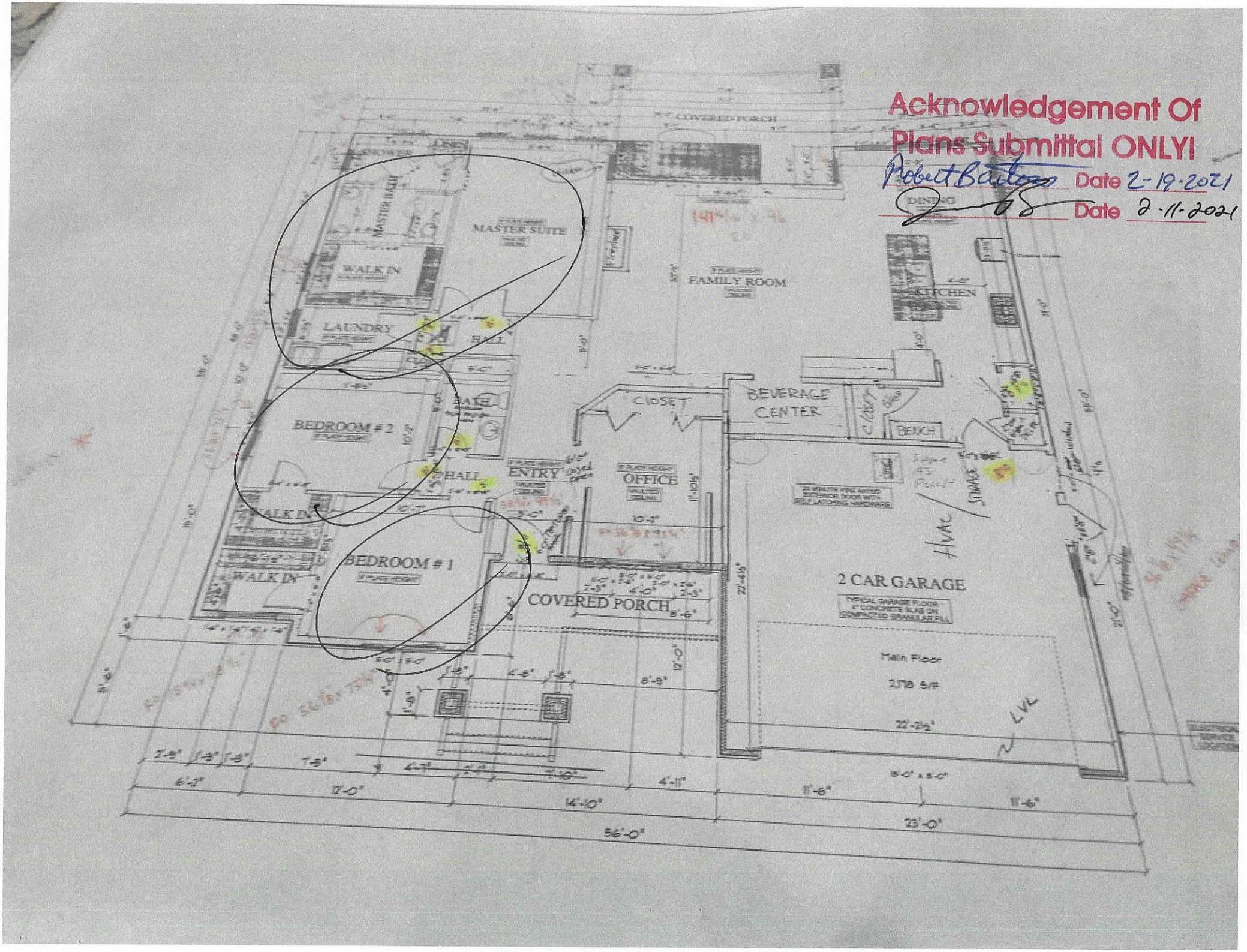
Iredell County

Scale:
0 20 40 ft

TEC Job No.
20-136

Date:
October 2020

Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS


Acknowledgement Of
Plans Submittal ONLY!
Robert Barbera Date 2-19-2021
Date 2-11-2021
MASTER SUITE
WALK IN
LAUNDRY
HALL
BATH
BEDROOM # 2
HALL
ENTRY
CLOSET
OFFICE
FAMILY ROOM
BEVERAGE CENTER
BENCH
KITCHEN
STORAGE
HVAC
WALK IN
BEDROOM # 1
WALK IN
COVERED PORCH
2 CAR GARAGE
Main Floor
2,718 S/F
LVL
56'-0"
23'-0"
14'-10"
17'-0"
6'-3"
11'-6"
4'-11"
22'-2½"

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
309745 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4629704988.000	126 REDBUD LN	Iredell County

Owner Information	Applicant Information
Name: GRIFFEN RICHARD D+BEVERLY R	Name: BARTON BUILDING
Address:	Address:
,	,
Phone:	Phone:

Use Requested	Zone Code
Single Family Dwelling	R20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.4624	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

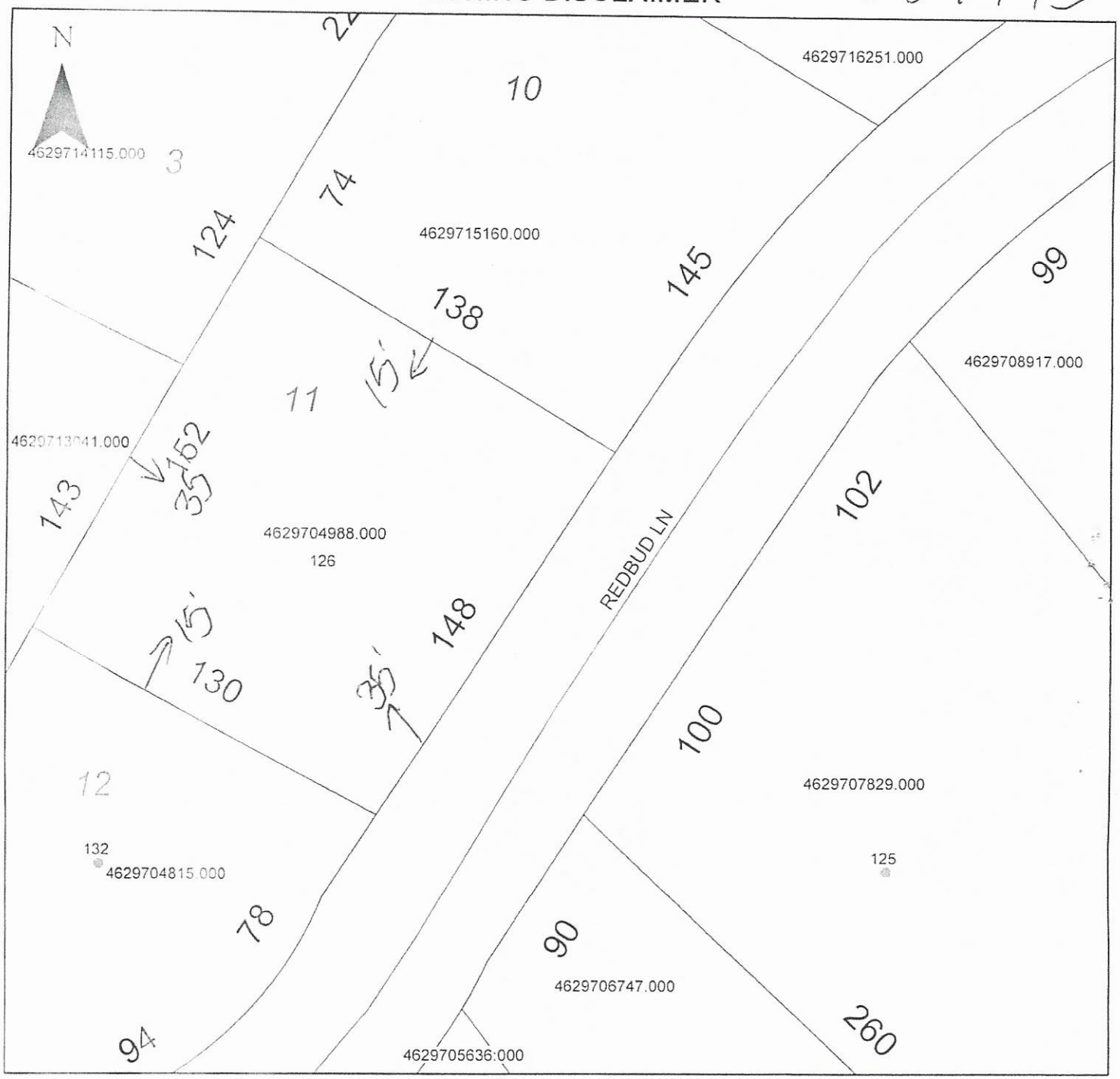
Date: 08/05/2020

Signature of Owner/Contractor

Permit Number	309745	TOTAL FEES:	$77.25

ZONING DISCLAIMER

309745



Property Address 126 Red Bud

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. Applicant further acknowledges that the enforcement of deed restrictions, plat conditions, and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

✓ Bob Barton
Applicant

✓ 8/4/2020
Date