ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-17905

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM Repair PIN # 4718 -- 58 -- 3356

APPLICANT/OWNER: Michael Wright APPLICANT ADDRESS: 230 Echo Glen Dr, Statesville 28625

SITE ADDRESS: 230 Echo Glen Dr, Statesville 28625 PHONE: 704-682-7415 ALT. PHONE -

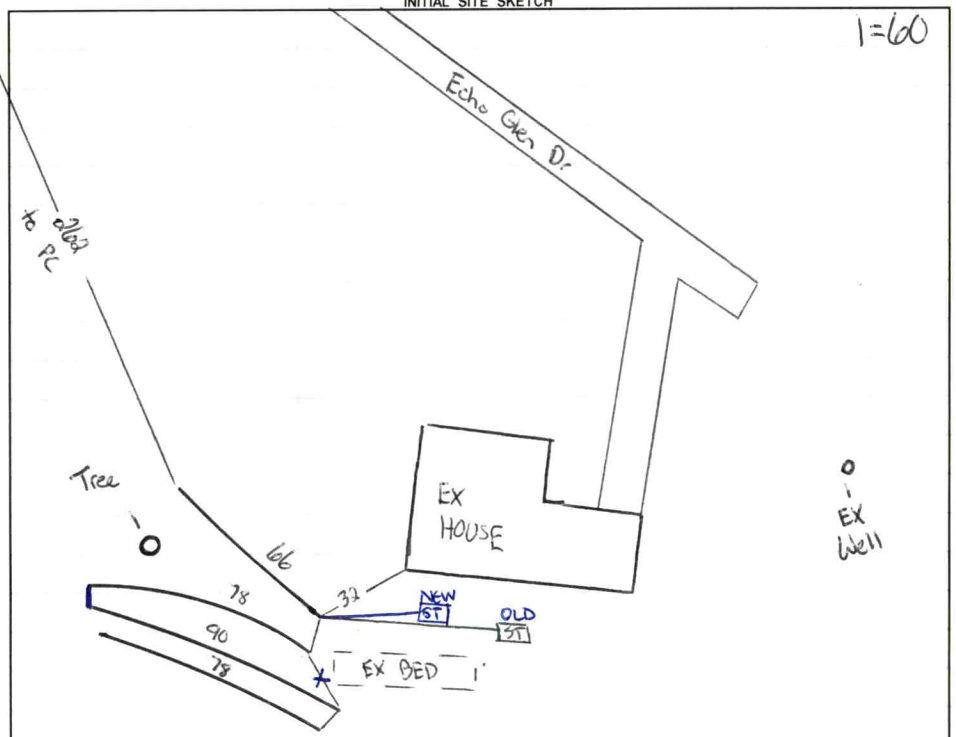
SITE DIRECTIONS: 115 N - Pisgah Church - Bowles Farm - Echo Glen SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: J B + A H Harris SECTION: - LOT # 30-32 LOT AREA: 55.25 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	~~1000~~ (gal)	STB 1012	Date 12/27/22	☐ New System	☒ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3	Water Supply	
Pump Tank	(gal)	PT	Date	System Description:				☐ Business	No. Persons 6	☒ Private	
Pump Make	Model	Serial #		Repair System Description: 25% reduction				☐ Other	No. Employees	☐ Public	
# Nitrification Fields 1	# Lines 4	Linear Ft 300'		Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space	☐ Community	
Trench Width 36 in	Trench Bottom Depth ~~(Low side)~~ 36" max	Gravel Depth -			☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: Install lines on contour with the land. Do not grade, park, or drive on septic area. Utilize serial distribution.

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.

Lines installed as shown. New tank shown on initial sketch.

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: Stutts Grading

IMPROVEMENT PERMIT by: Cary Hil Date: 3/9/23 OPERATION PERMIT by: Sarah Baillew Date: 4/11/23

AUTHORIZATION TO CONSTRUCT by: Cary Hil Date: 3/9/23 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 #: 4718583356
COUNTY: Iredell

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

OWNER: Michael Wright
ADDRESS: 230 Echo Glen
PROPOSED FACILITY: 3 bdr home
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 230 Echo Glen
APPLICATION DATE 3/2/23
DATE EVALUATED: 3/16/23
PROPERTY SIZE: 55.25 acres
PROPERTY RECORDED: yes
WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: X Auger Boring Pit Cut
TYPE OF WASTEWATER: X 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	Linear 3%	0-10	SCL SBK	SS SP FR SE	-	48	-	-	.3 PS
		10-28	C SBK	SS SP FR SE					
		28-48	CL SBK	SS SP FR SE					
2									
3									
4									

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

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

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.

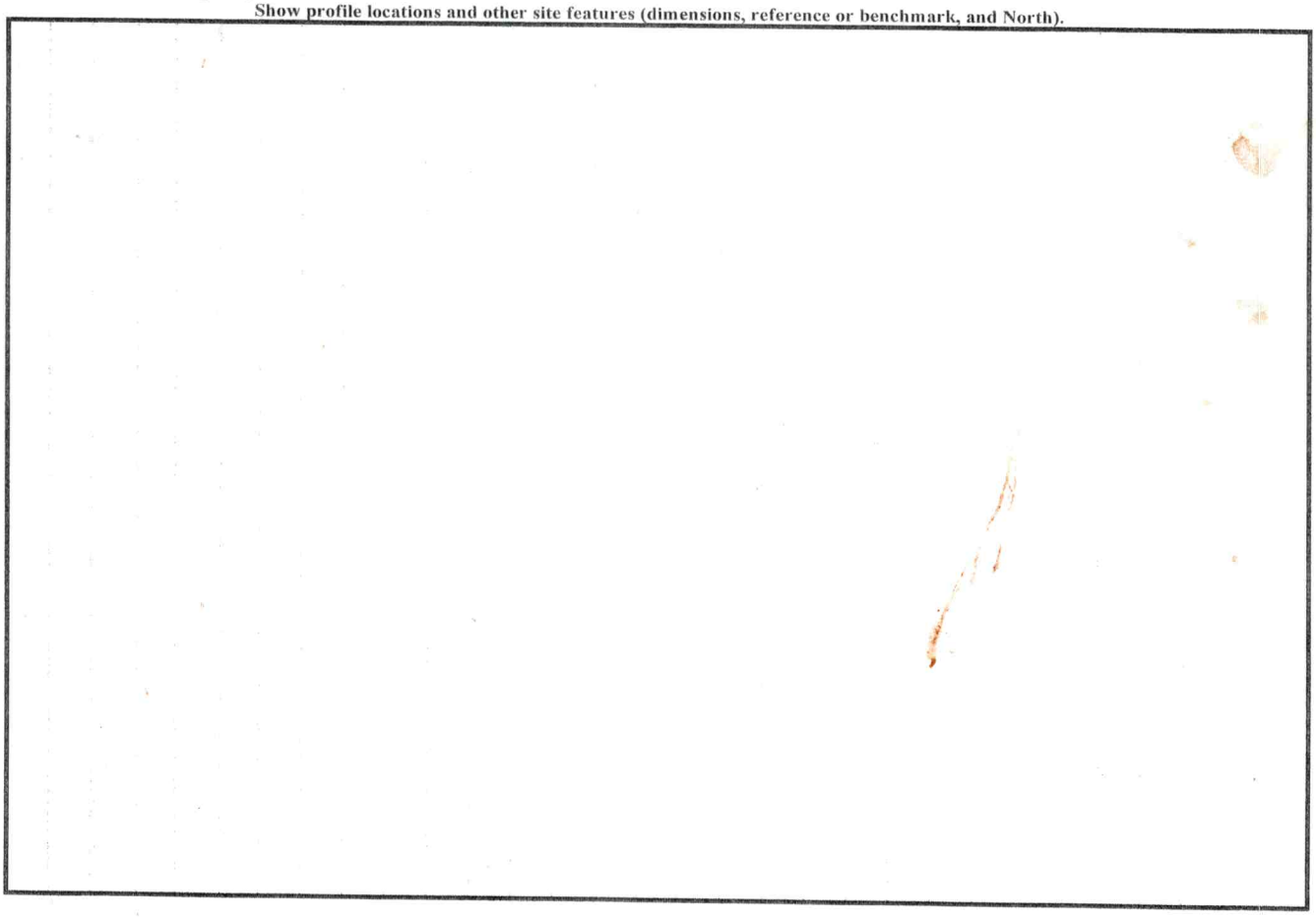
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-17905 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit Repair
Status: PRIORITY PERMIT
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Whicker, Cory
App Date: 03/02/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:
Description: SEWAGE LEAKING OUT THE GROUND. OLD CINDER BLOCKS. NEED REPAIR ASAP

Parcel: 4718583356.000 Main
Address: 230 Echo Glen Dr Main
Statesville, NC 28625
Zone: RA(Residential Agricultural District)

Property Owner
MICHAEL WRIGHT
230 ECHO GLEN DR
STATESVILLE, NC 28625
Mobile: (704) 682-7415

Applicant/Authorized Agent
MICHAEL WRIGHT
230 ECHO GLEN DR
STATESVILLE, NC 28625
Mobile: (704) 682-7415

Applicant/Authorized Agent
DARLENE WRIGHT
Mobile: (704) 437-0208

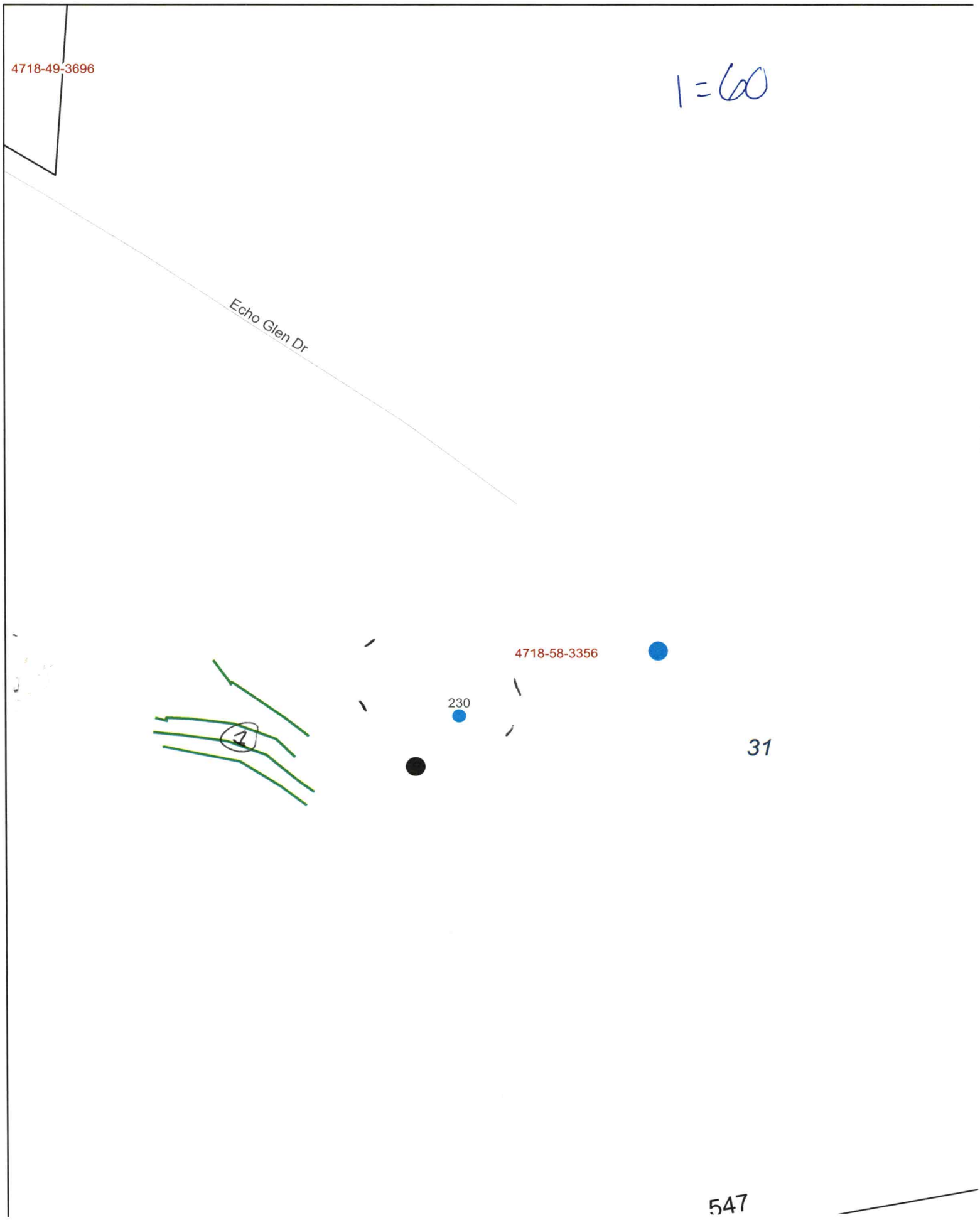
Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	What are the proposed structures	New Single Family Residence	Maximum Number of Bedrooms	3
Number of Occupants	2	Foundation Type	Crawl Space Foundation	Water Supply	Existing Well
Desired Septic System Type	Conventional (most common)	If other septic system type, please explain		If existing, Year existing system installed	1900
Additional Unique Setbacks Apply	No				

Attachment File Name		Added On	Added By	Attachment Group	Notes
Signature_MICHAEL_WRIGHT_3/2/2023.jpg		03/02/2023 14:57	WRIGHT, MICHAEL		Uploaded via CSS
230 ECHO GLEN DR AN OWNER_v1.pdf	AUTHORIZE	03/02/2023 15:04	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
230 ECHO GLEN DR PLOT PLAN_v1.pdf	SITE PLAN -	03/02/2023 15:04	COMEAUX, DEBRA	Available Online	Site Plan

Invoice No.	Fee	Fee Amount	Amount Paid
NOT INVOICED	Existing System Septic Repair Permit	$150.00	$0.00
	Total for Invoice NOT INVOICED	$150.00	$0.00
	Grand Total for Permit	**$150.00**	**$0.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		03/02/2023 14:59	03/02/2023 14:59
Confirm application complete v.1	Generic Action		03/02/2023 14:59
~~**Zoning Review v.1**~~			03/02/2023 14:59
~~Iredell County Zoning Approval v.1~~	Task		03/02/2023 14:59
~~Issue Invoice v.1~~	Generic Action		03/02/2023 14:59
~~Fees Paid v.1~~	Generic Action		03/02/2023 14:59
Assign v.1			
Case Assigned v.1	Generic Action		
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
OSWP Site Evaluation v.1	Inspection		
Permit Ready v.1			
Issue Permit v.1			
Issue Invoice v.1	Generic Action		


4718-49-3696
1=60
Echo Glen Dr
4718-58-3356
230
1
31