ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (BB) Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-4/020

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

PIN # 4723 -- 71 -- 7234

APPLICANT/OWNER: Walter Sterling APPLICANT ADDRESS: 127 Davidson Rd, Statesville, NC 28677

SITE ADDRESS: 127 Davidson Rd, Statesville, NC 28677 PHONE: (704) 682-1457 ALT. PHONE –

SITE DIRECTIONS: Buffalo Shoals, Davidson SAP CONTROLLED: ☐ YES ☑ NO

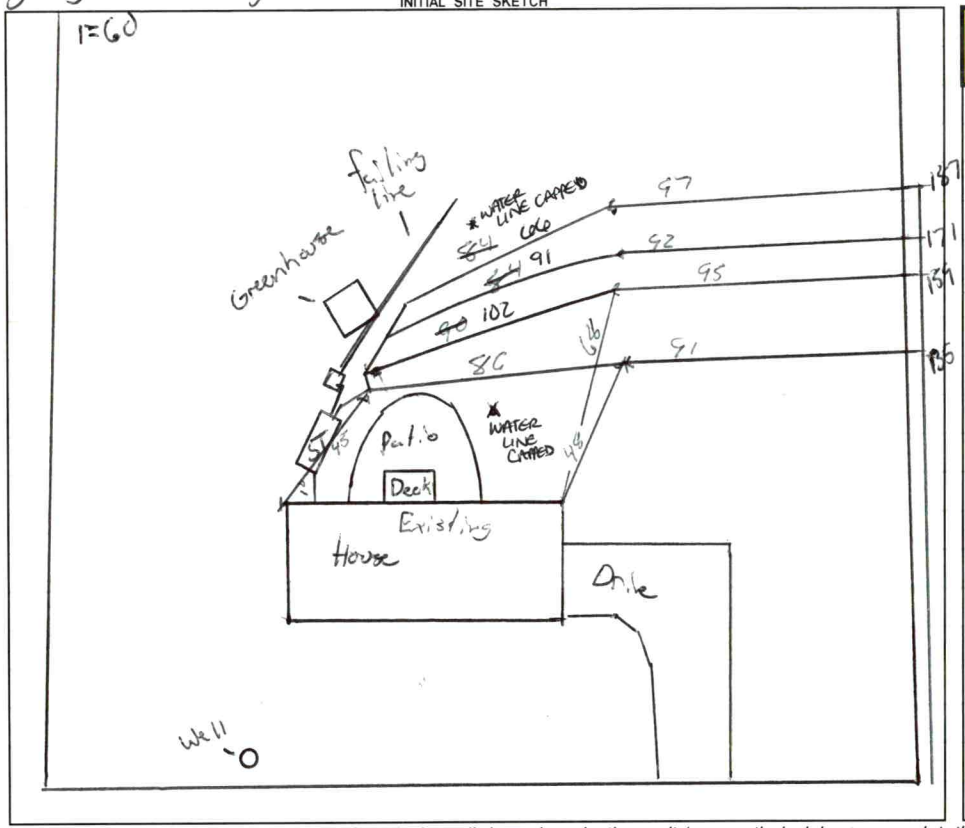
SUBDIVISION: James Tree SECTION: – LOT # 4 LOT AREA: 1.66 AC DESIGN FLOW: 480 L.T.A.R.: .35

Septic Tank	1000 Est (gal)	STB	Date	☐ New System	☑ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 4
Pump Tank	(gal)	PT	Date	System Description: –				☐ Business	No. Persons 4
Pump Make		Model	Serial #	Repair System Description: 25% Reduction - Serial				☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft 343 ft	Maintenance Agreement Required:	☐ YES	☑ NO	☐ Slab	☐ Crawl Space
Trench Width	36 in	Trench Bottom Depth(Low side)	30 in	Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE	☑ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour with 8ft centers. Failing line runs under greenhouse. Cut off supply line going to failing line and redirect to new line. 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.

see drawing for water line cut off locations & modified line lengths.

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: On file Signature Date: Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Matt Wilkie Date: 11/21/23 OPERATION PERMIT by: Sarah Williams Date: 12/22/23

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 11/21/23 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 #: 7237/7234
COUNTY: Iredell

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

OWNER: Walter Sterling
ADDRESS: 127 Davidson Rd Statesville, NC 28677
PROPOSED FACILITY: SFR
LOCATION OF SITE: 127 Davidson Rd, Statesville, NC 28677
APPLICATION DATE: 11/13/23
DATE EVALUATED: 11/15/23
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: 1.66 AC
PROPERTY RECORDED: yes

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	LS 5%	0-29	C/SBK	SS SP FR SE	-	52	Sap inclusions in CL 38+		PS .35
		29-52	CL/SBK	SS SP FR SE					
2	LS 8%	0-25	C/SBK	SS SP FR SE	-	48	Sap inclusions with Litho profile	throughout	PS .35
		25-48	CL/SBK	SS SP FR SE					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		48
System Type(s)	X	25%
Site LTAR	✓	.35

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew Wilkinson
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.

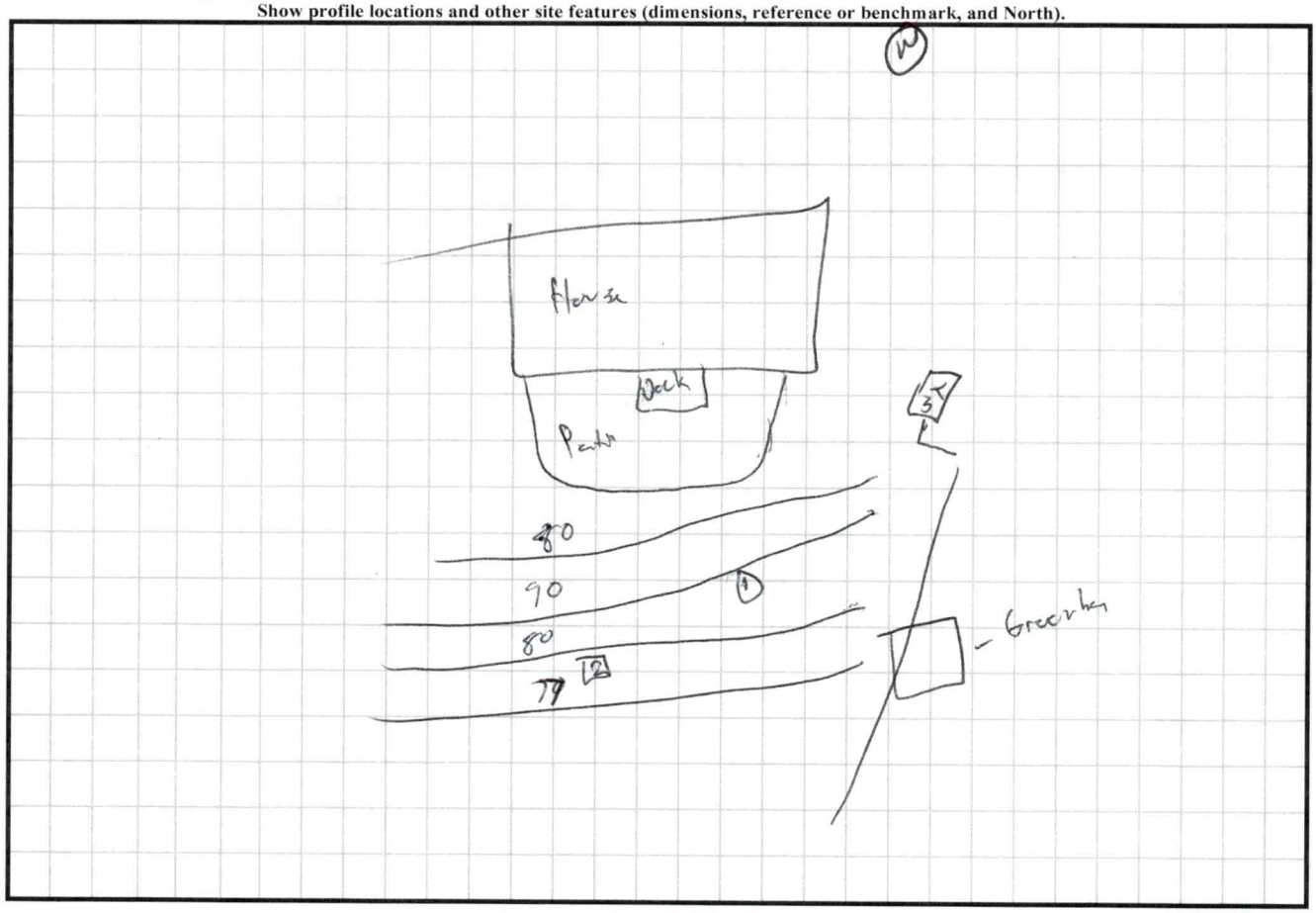
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-41020
FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	11/13/2023
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: Lentz Environmental said drain lines failing and said drain field needs replacing - CALL FIRST - PREFERS MORNINGS BEFORE 11AM DUE TO WORK SCHEDULE

Parcel: 4723717234.000 Main	**Address:** 127 Davidson Rd Main Statesville, NC 28677	**Zone:** R-20(Suburban Residential District)

Property Owner	Applicant/Authorized Agent
Walter Sterling	Walter Sterling
127 Davidson Rd	127 Davidson Rd
Statesville, NC 28677	Statesville, NC 28677
Mobile: (704) 682-1957	Mobile: (704) 682-1957

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Repair	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	Septic repair
Maximum Number of Bedrooms	4	If other Addition/Structure, please explain		Number of Occupants	4
Foundation Type	Basement with Plumbing	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Walter_Sterling_11/13/2023.jpg	11/13/2023 8:30	Sterling, Walter		Uploaded via CSS
127 Davidson Rd0001_v1.pdf	11/13/2023 8:41	Hart, Ronda	Initial Site Sketch	Initial Site Sketch
127 Davidson Rd0002_v1.pdf	11/13/2023 8:41	Hart, Ronda	Available Online	Authorize to Act as Agent
4723717234.a1.tif	11/13/2023 8:41	Hart, Ronda	Available Online	Septic record

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		11/13/2023 8:34	11/13/2023 8:34
Confirm application complete v.1	Generic Action		11/13/2023 8:34
~~**Zoning Review v.1**~~			11/13/2023 8:35
~~Floodplain Admin Overview v.1~~	Task		11/13/2023 8:35
~~Issue Invoice v.1~~	Generic Action		11/13/2023 8:35
~~Fees Paid v.1~~	Generic Action		11/13/2023 8:35
Fees v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		

PERMIT SNAPSHOT REPORT (OSWP-2023-41020)

Permit Completion Process v.1	
Authorization to Construct Permit v.1	Create Sub Permit
Issue Authorization to Construct v.1	Generic Action

COUNTY HEALTH DEPARTMENT

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

PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PERMIT # 206

Walter Sterling — APPLICANT ADDRESS: 127 Davidson Rd Statesville NC 28677 — PIN # 4723717234

127 Davidson Rd Statesville NC 28677 — PHONE: 704-682-1957 — ALT. PHONE: N/A

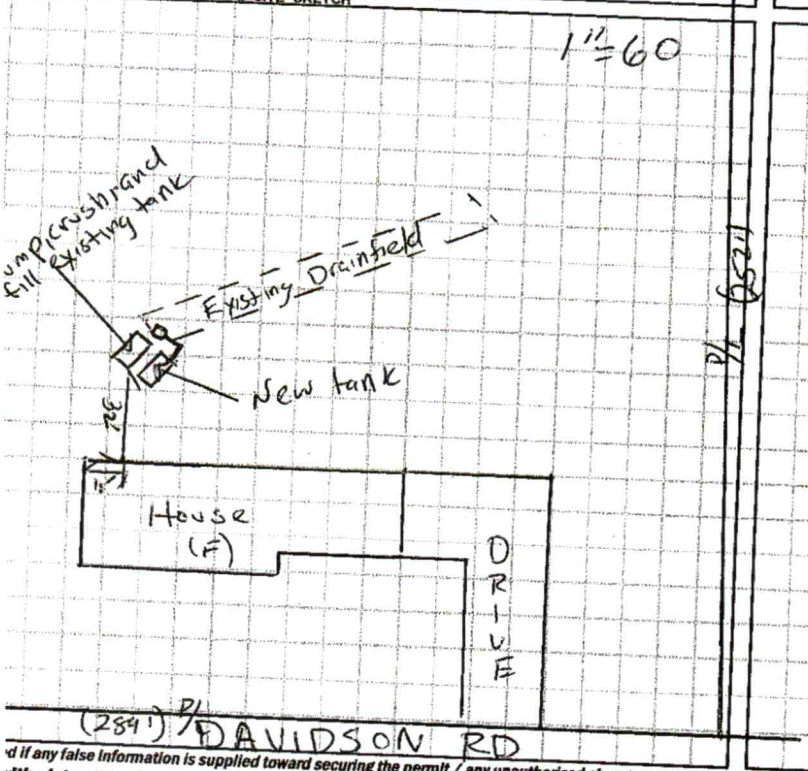
Buffalo Shoals ½ mile of old Mtn Rd T/R Davidson Rd Lot on left

James Tree — SECTION: N/A LOT # 4 — LOT AREA: 1.66ac — DESIGN FLOW: Ex — L.T.A.R.:

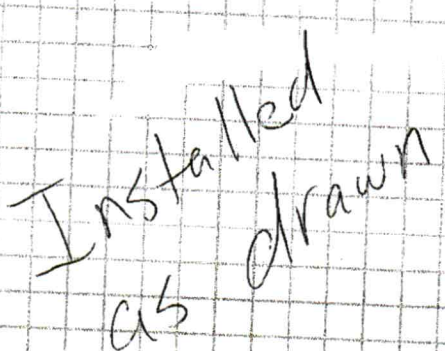
0 (gal)	STB 760	Date 6-9-14	☐ New System ☒ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence — No. Bedrooms Ex
A (gal)	PT N/A	Date N/A	System Description: tank		☐ Business — No. Persons Ex
A Model	Poly/ov	Serial # PL-69	Repair System Description:		☐ Other — No. Employees
1 # Lines	Ex	Linear Ft: Ex	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab ☐ Crawl Space
4 Max. Trench Bottom Depth	Ex	Gravel Depth Ex	☒ GRAVITY	☐ PRESSURE	☒ Basement w/plumbing ☐ Basem

Maintain maximum 6" of cover new tank. Pump, crush & fill existing (276') PL

INITIAL SITE SKETCH



AS BUILT SKETCH



d 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

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

Walter Sterling Date: 11/6/14 Installed by: Leatz Septic

T by: Date: 11/6/14 OPERATION PERMIT by: Date: 11/6/14

Date: 11/6/14 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK



Tax Map Information

• PIN	4723717234.000
• Address	127 DAVIDSON RD
• Account #	Acct 77388310
• Tax Owner	STERLING WALTER P
• Mailing Address	127 DAVIDSON RD
•	STATESVILLE, NC 28677
• GIS Owner	STERLING WALTER P+STEPHANIE
• Deed Info	1043 / 1299 - WD - 19971006
• Tax Acres	1.66 AC
• Lot #	4
• Description	JAMES TREE PB28-120
• Zoning	R20
• Old Parcel #	
• Bldg Value	$222,430
• OBXF Value	$1,580
• Land Value	$54,810
• Total Value	$278,820
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY NC

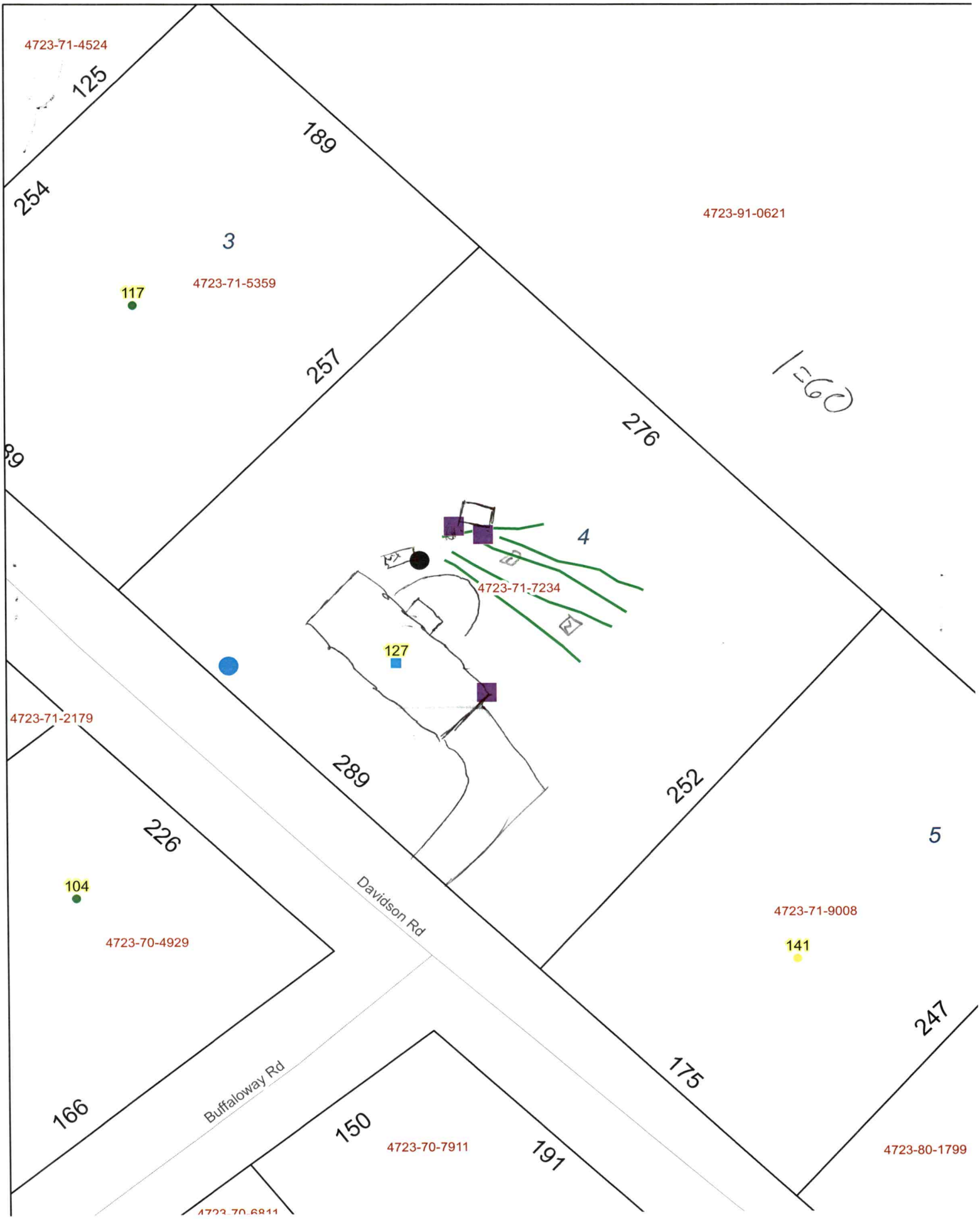
MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

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.

Geometry updated 11/15/2023
Data updated 11/14/2023

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

338 343
7883
84
90
86


4723-71-4524
125
189
254
3
4723-91-0621
4723-71-5359
117
257
276
89
4
4723-71-7234
127
4723-71-2179
289
252
5
226
104
Davidson Rd
4723-71-9008
4723-70-4929
141
247
175
166
Buffaloway Rd
150
4723-70-7911
191
4723-80-1799