ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-29546

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

PIN # 3774 -- 55 -- 5268

APPLICANT/OWNER: David Larson APPLICANT ADDRESS: 314 Franklin Ct, Stanley, NC 28164

SITE ADDRESS: 537 Stewart Rock Rd, Stony Point, NC 28678 PHONE: (704)685-2312 ALT. PHONE

SITE DIRECTIONS: Sheron School, ① Stewart Rock Rd SAP CONTROLLED: ☐ YES ☑ NO

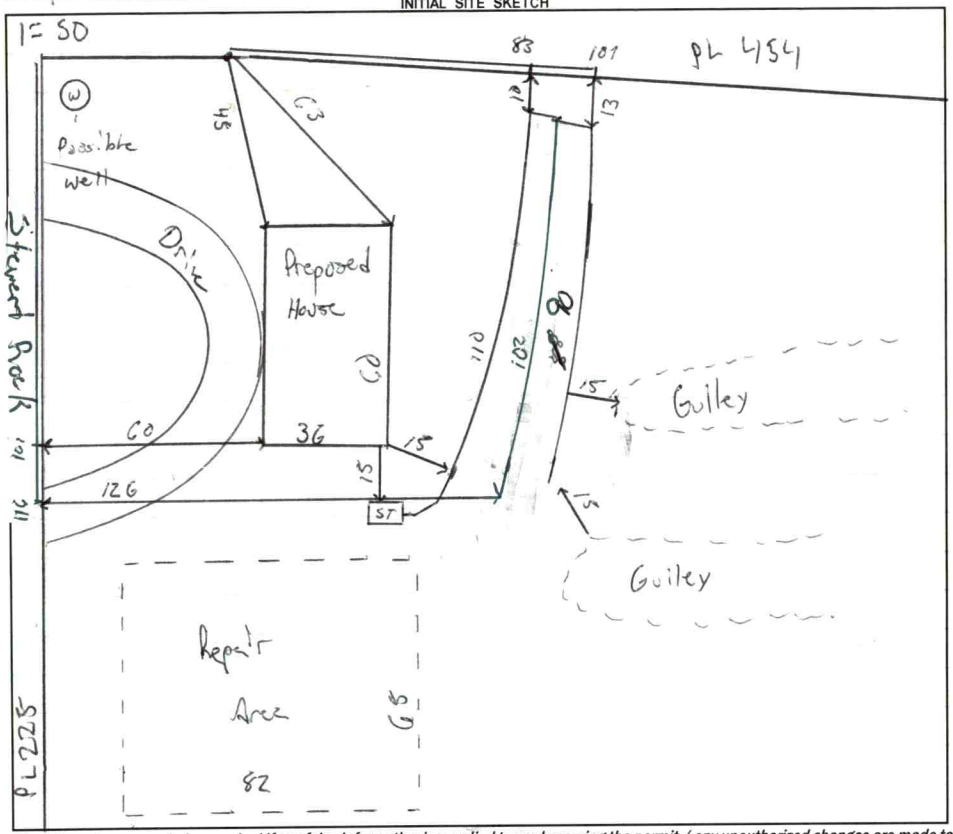
SUBDIVISION: Riverwalk SECTION: 1 LOT # 4+49 LOT AREA: 3.3 Ac DESIGN FLOW: 360 L.T.A.R.: -3

Septic Tank	1000 (gal)	STB	1012	Date	3/3/24	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description:	25% Reduction - Serial	☐ Business	No. Persons 6
Pump Make	Model			Serial #		Repair System Description:	25% Reduction - PM	☐ Other	No. Employees
# Nitrification Fields	1 # Lines	3		Linear Ft	300	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☐ Crawl Space
Trench Width	36in Trench Bottom Depth (Low Side)	36in max		Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE	☑ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour with eff on centers. Stay 15ft off basement. 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.

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: JW Construction

IMPROVEMENT PERMIT by: Matt Wilkie Date: 8/3/23 OPERATION PERMIT by: Cory Wilk Date: 5/2/24

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 8/3/23 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? _____	

Sheet 1 of 1
PROPERTY ID #: 3774555266
COUNTY: Iredell

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

OWNER: David Leeson
ADDRESS: 314 Franklin Ct
PROPOSED FACILITY: SFR
LOCATION OF SITE: 537 Stewart Rock
APPLICATION DATE: 6/29/23
DATE EVALUATED: 7/26/23
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 3.34C
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	Linear 18%	0-8	SBK SCL	SS-SP-FR-SE	—	48	SAP inc@ 40+	—	PS 0.3
		8-24	SBK C	↓					
		24-48	SBK CL						
2	LS 22%	0-10	SBK SCL	SS-SP-FR-SE	—	53	—	—	PS 0.3
		10-27	SBK C	↓					
		27-53	SBK CL						
3	LS 12%	0-13	SBK SCL	SS-SP-FR-SE	—	51	SAP inc@ 41+	—	PS 0.3
		13-33	SBK C	↓					
		33-51	SBK CL						
4	LS 10%	0-10	SBK SCL	SS-SP-FR-SE	—	48	—	—	PS 0.3
		10-29	SBK C	↓					
		29-48	SBK CL						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	25%
Site LTAR	.3	.3

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

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.

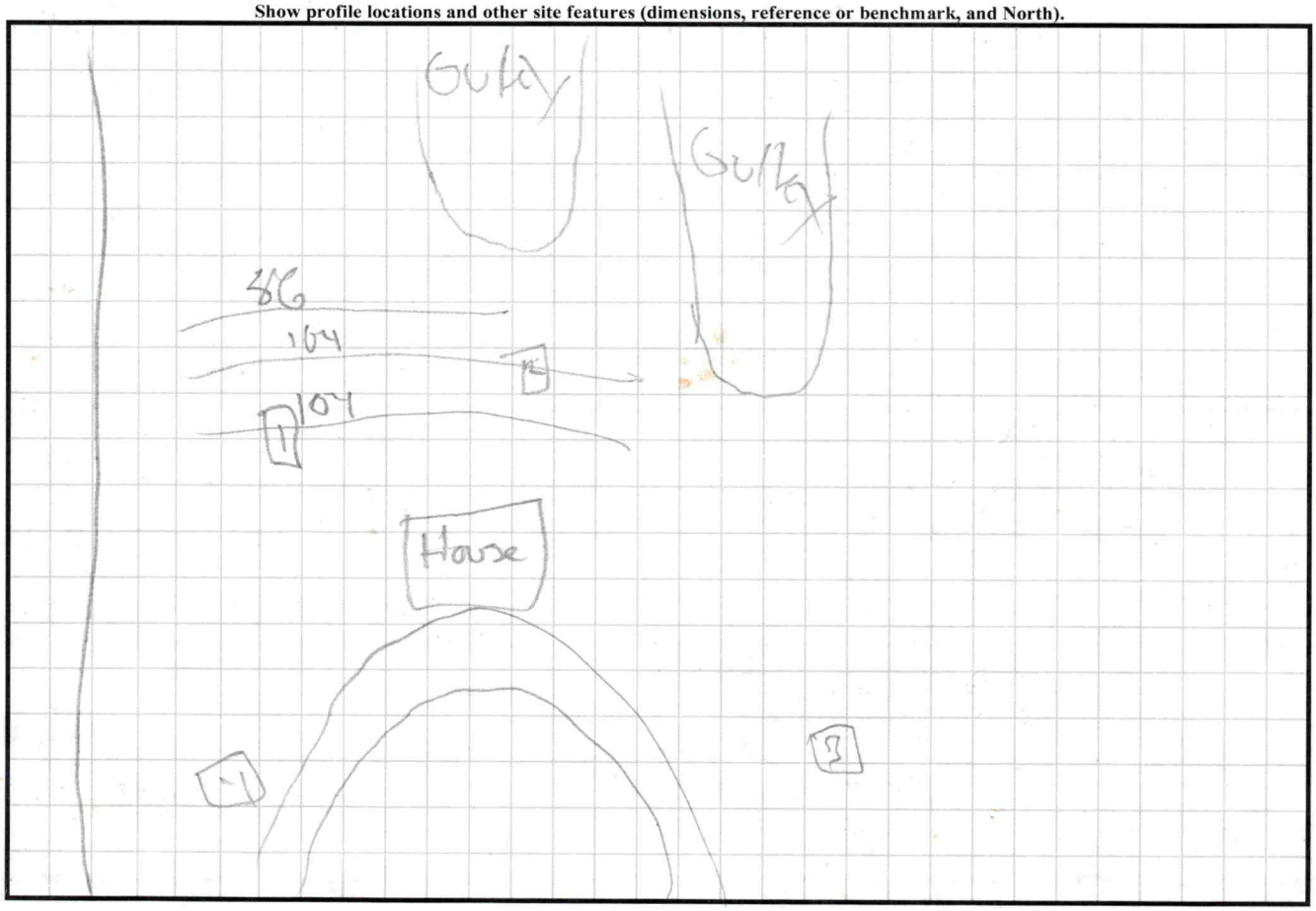
NOTES

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-2023-29546 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	06/29/2023
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: IP - AC HB Marked in small pink flags, lot opens up after road front-lots of pines. ALSO APPLIED FOR A WELL PERMIT: OSWP-2023-29543 - Contact Ryan Pruett at Madison Home Builders for pits or anything else 828-244-0968.

Parcel:	**Address:**	**Zone:**
3774555268.000 Main	537 Stewart Rock Rd Main Stony Point, NC 28678	RA(Residential Agricultural District)

Project Contact	Property Owner	Project Contact	Applicant/Authorized Agent
Ryan Pruett Home: (828) 244-0968 Business: (828) 244-0968 Mobile: (828) 244-0968	CAITLYN LARSON Mobile: (704) 962-6538	CAITLYN LARSON Mobile: (704) 962-6538	David T Larson 314 Franklin Court Stanley, NC 28164 Mobile: (704) 685-2312

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	60 ft x 36 ft (House Construction)
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	60 ft x 36 ft (House Construction)	Number of Occupants	4	Foundation Type	Basement with Plumbing
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	3.32	Front Setback	35
Back Setback	35	Left Setback	15	Lake/Stream Setback	50
Right Setback	15	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Zoning Notes/Addendums	Lake Lots: Must meet both the 50-foot setback from the 760' contour line and the 35-foot setback from the rear property line for any structure.	Additional Unique Setbacks Apply	Yes
Watershed	WSIV CA LOOKOUT SHOALS				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_David_Larson_6/29/2023.jpg	06/29/2023 8:29	Larson, David		Uploaded via CSS
CCF_000325 (dragged)_v1.pdf	06/29/2023 11:21	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
537 STEWART ROCK RD FLOOR PLAN.pdf	06/30/2023 9:01	COMEAUX, DEBRA	Available Online	FLOOR PLAN
537 STEWART ROCK RD FLOOR PLAN 2.pdf	06/30/2023 9:02	COMEAUX, DEBRA	Available Online	FLOOR PLAN 2
537 STEWART ROCK RD SITE PLAN - NEW.pdf	06/30/2023 14:42	COMEAUX, DEBRA	Available Online	SITE PLAN - NEW

Note	Created By	Date and Time Created
1. Owner to call back once lot is cleared.	Sydney Holland	07/11/2023 14:19

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00016788	Iredell Zoning Tech Fee	$2.25	$2.25

PERMIT SNAPSHOT REPORT (OSWP-2023-29546)

Iredell Zoning Permit Fee		$75.00	$75.00
New Gravity System		$500.00	$500.00
	Total for Invoice INV-00016788	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		06/30/2023 14:43	06/30/2023 14:44
Confirm application complete v.1	Generic Action		06/30/2023 14:44
Fees v.1		07/03/2023 9:50	07/11/2023 9:29
Fees Paid v.1	Generic Action		07/11/2023 9:29
Issue Invoice v.1	Generic Action		07/03/2023 9:50
Zoning Review v.1		06/30/2023 16:55	07/11/2023 9:32
~~Floodplain Admin Overview v.1~~	Task		06/30/2023 16:54
Iredell County Zoning Approval v.1	Task	06/30/2023 16:55	07/11/2023 9:32
Issue Invoice v.1	Generic Action		06/30/2023 16:55
Fees Paid v.1	Generic Action		07/11/2023 9:29
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 Completion Process v.1			
Authorization to Construct v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

Iredell County, North Carolina

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• Deec
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• Lot #
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Data

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1" = 60 ft

300'+

SEPTIC AREA

-45'-

60x36

200'+

DRIVE WAY

85'

SIGN EASEMENT

Stewart Rock Rd

Stewart Rock Rd

Stewart Rock Rd

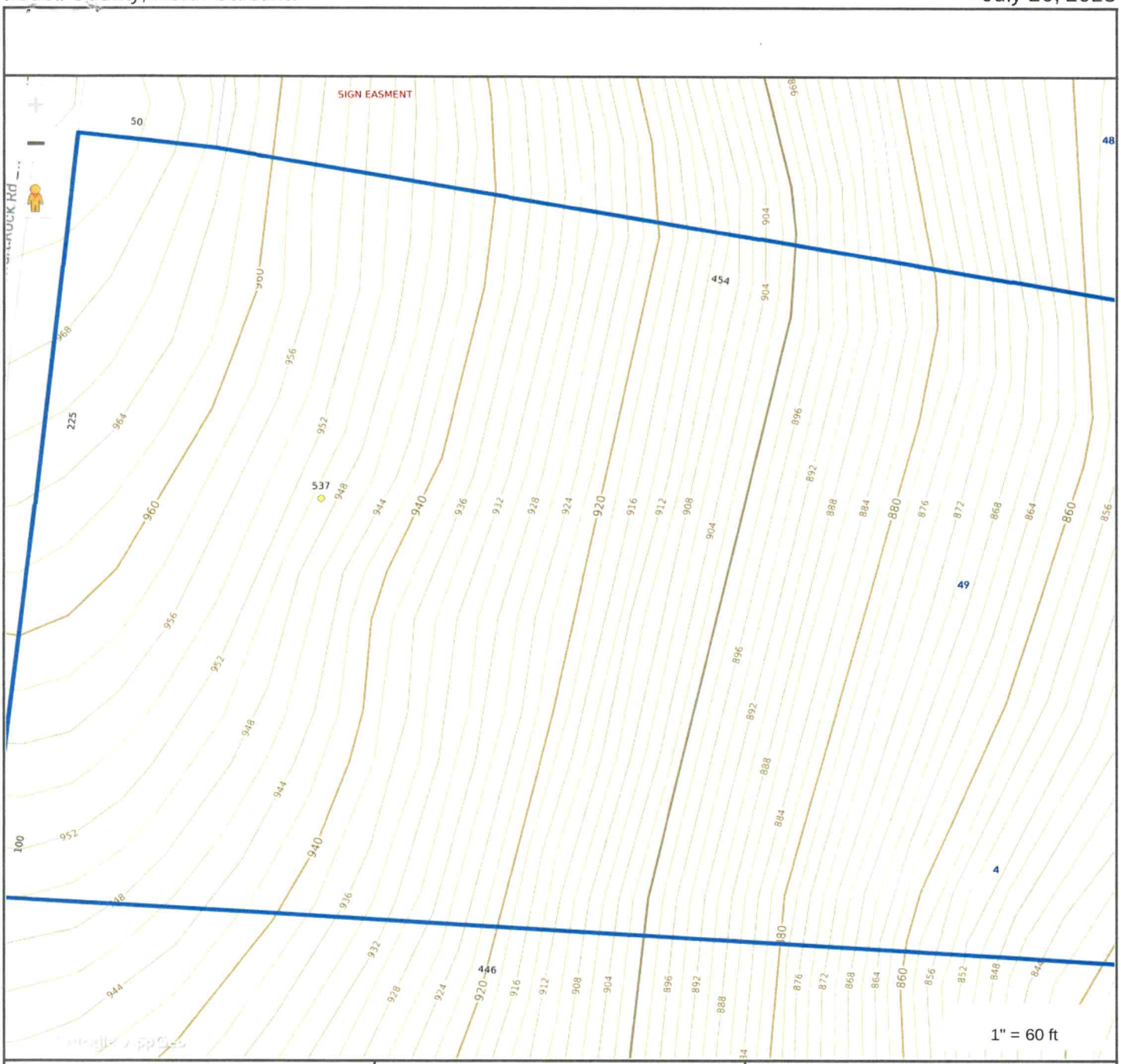
Stewart Rock Rd

Stewart Rock Rd

Stewart Rock Rd

Mountain Aire Dr

Mountain Aire Dr



Tax Map Information

• PIN	3774555268.000
• Address	537 STEWART ROCK RD
• Account #	Acct
• Tax Owner	
• Mailing Address	
•	,
• GIS Owner	LARSON DAVID+CAITLYN
• Deed Info	2976 / 1366 - WD - 20230221
• Tax Acres	3.321
• Lot #	4+49
• Description	RIVERWALK S1 PB25-51 PB28-139
• Zoning	
• Old Parcel #	
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$0
• Total Value	$0
• Defer Value	$0
• Tax Districts	-- -

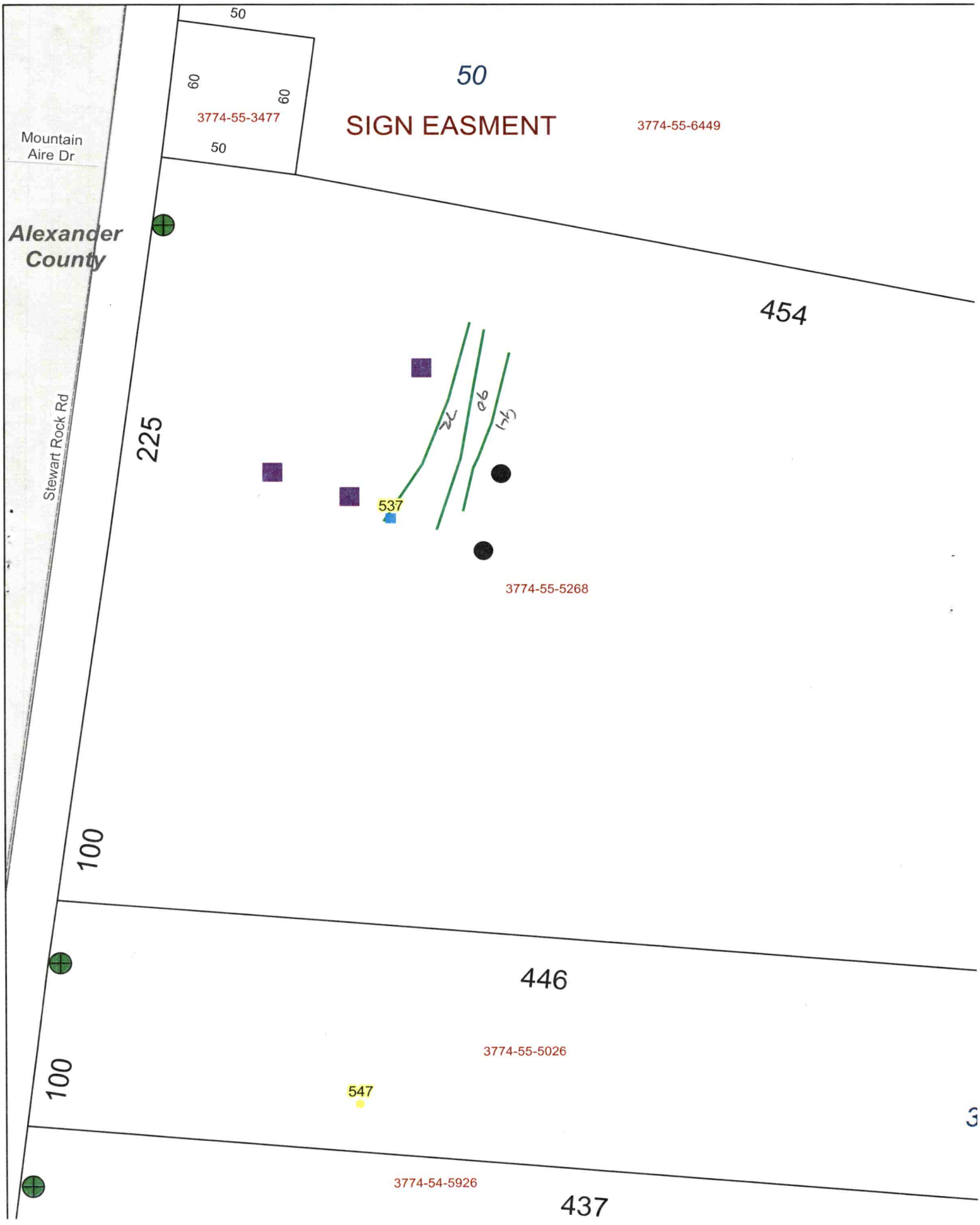
IREDELL COUNTY NC

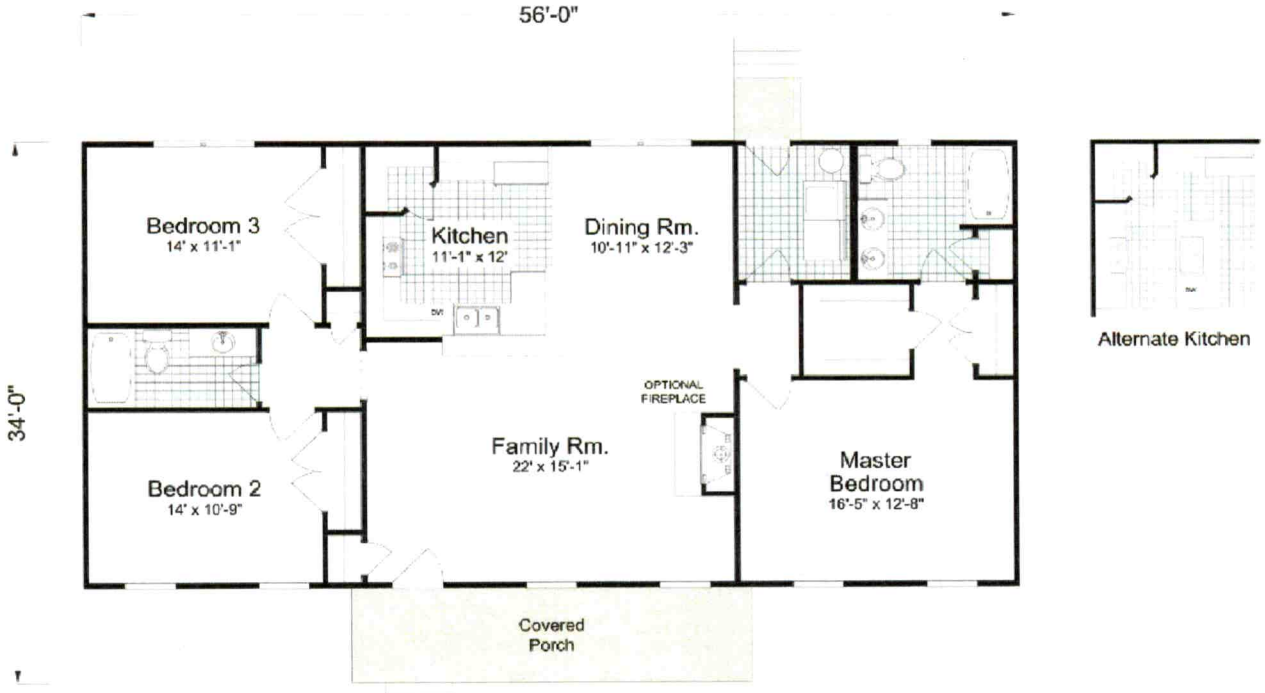
MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

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

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


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60
60
50
3774-55-3477
50
SIGN EASMENT
3774-55-6449
Mountain Aire Dr
Alexander County
454
Stewart Rock Rd
225
537
3774-55-5268
100
446
3774-55-5026
100
547
3774-54-5926
437



Acknowledgement Of
Plans Submittal ONLY!

Matt Weir Date 8/13/23

Date