ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

BCW MANF 2024-62553

PERMIT : OSWP 2024-51859

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

PIN # 4802 -- 85 -- 4569

APPLICANT/OWNER: Travis Spankle APPLICANT ADDRESS: 729 Fox Mountain Rd Union Grove NC 28689

SITE ADDRESS: 764 Fox Mountain Rd Union Grove NC 28689 PHONE: 704-437-1962 ALT. PHONE 828 465 3450

SITE DIRECTIONS: 115 N → L Coolbrook Rd → L Fox Mountain Rd SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 2.29 DESIGN FLOW: 360 L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

Septic Tank	1000	(gal)	STB	10866	Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	Gravity 25% Reduction			
Pump Make		Model			Serial #		Repair System Description:	Gravity 25% Reduction			
# Nitrification Fields	1	# Lines	4		Linear Ft	300'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36	*Max. Trench Depth(Initial)	30	*Max. Trench Depth(Repair)	30	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		

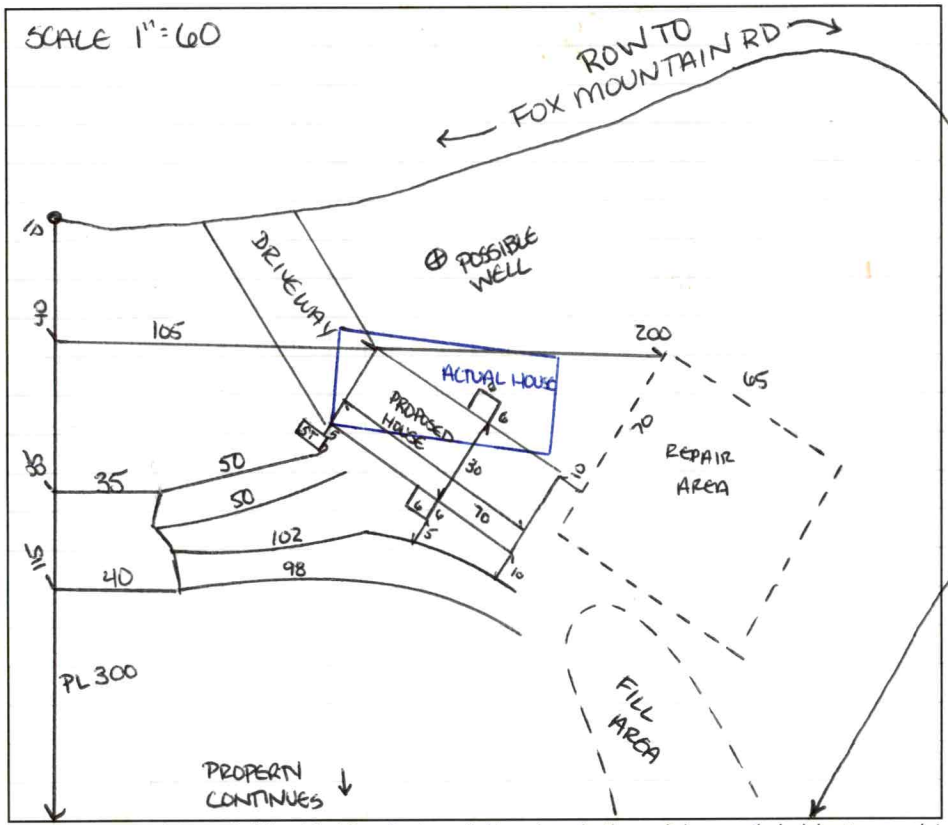
* Measured on the downhill side of the trench Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 Usable Depth to LC (Initial): 48

☒ Residence	No. Bedrooms	3	**Water Supply**
☐ Business	No. Persons	6	☒ Private
☐ Other	No. Employees	—	☐ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing		☐ Basement w/o plumbing	

Usable Depth to LC (Repair): 48 ***Limiting Condition***

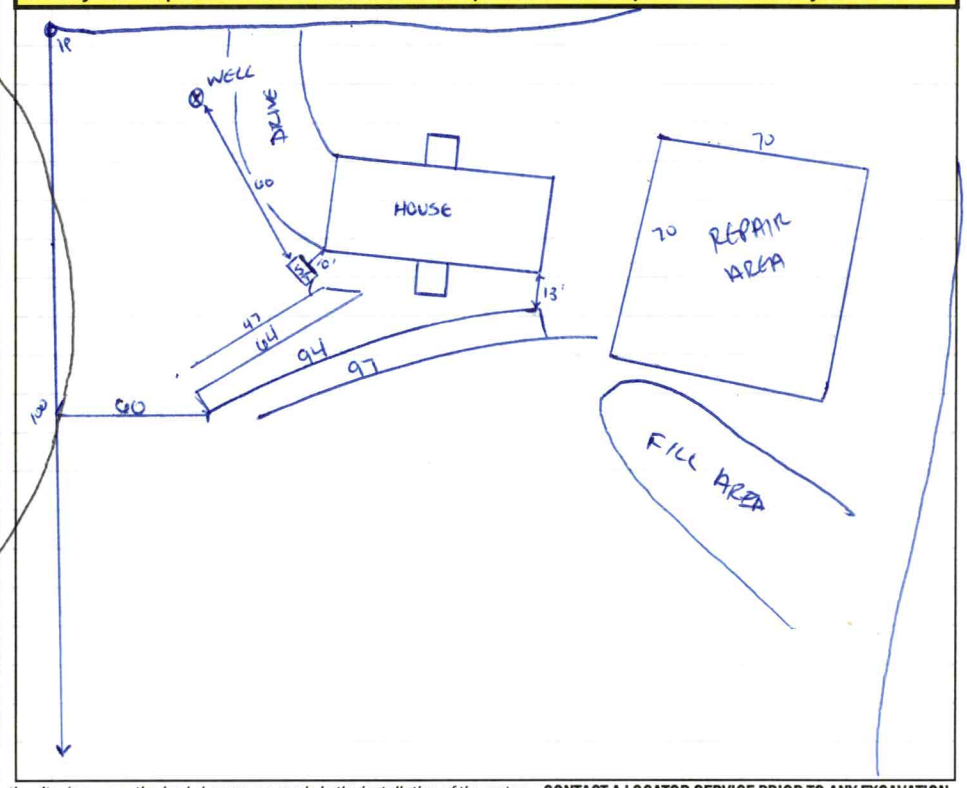
Comments / Conditions: Install on contour 9' on center. Do not exceed 36 maximum trench depth. Do not drive, pave, grade in septic area.

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.



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 Date: — Installed by: Jeffrey Holder / Shane Jarrett 5250 / 1857

IMPROVEMENT PERMIT by: Sarah Williams ✓ Date: 6/20/2024 OPERATION PERMIT by: Sarah Williams ✓ Date: 2/7/2025

AUTHORIZATION TO CONSTRUCT by: Sarah Williams ✓ Date: 6/24/2024 Existing System Inspected by: Date:

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? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-51859 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	04/22/2024
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:**	Bracken, Sarah	**Approval Expire Date:**	

Description: 764 Fox Mountain Rd. CALL CONNER BAKER FOR PITS. Improvement Permit for new septic system.. Will call when site is ready 5/24/24-BM (CONNER CALLED 06/07 STATING SITE IS READY DD Builder/owner will call to give directions to site 6/10/24- BM Site ready 6/11/24- BM

Parcel: 4802854569.000 Main	**Address:** 764 Fox Mountain Rd Union Grove, NC 28689 Main	**Zone:** RA(Residential Agricultural District)

Property Owner
Travis Sprinkle
Home: (704) 437-1962
Mobile: (704) 437-1962

Applicant/Authorized Agent
Clayton Homes 81 (Conover)
Conner Baker
1230 Conover Blvd W 1230
CONOVER BLVD
CONOVER, NC 28613
Business: (828) 465-3450

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	Yes	All proposed structure dimensions	28x72 DW 2 6x6 decks (front & back)
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Crawl Space Foundation
Water Supply	New Well	Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No
Lot Acreage	2.29	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	May 16 2024 12:00AM
Zoning Permit Expiration Date	Nov 12 2024 12:00AM	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	REQUIREMENTS FOR AL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must		consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved.

PERMIT SNAPSHOT REPORT (OSWP-2024-51859)

Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Joshua_Fountain_4/22/2024.jpg	04/22/2024 15:40	Fountain, Joshua		Uploaded via CSS
SR081@clayt24042217111 (1)_v1.pdf	05/06/2024 16:27	Fountain, Joshua	Available Online	
gillis_v2.pdf	05/14/2024 9:12	Hart, Ronda	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-221834	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	06/11/2024			06/11/2024 15:51	06/11/2024 15:51

Inspectors: Moore, Bradley (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00030885	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00030885	$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		05/13/2024 15:22	05/13/2024 15:22
Confirm application complete v.1	Generic Action		05/13/2024 15:22
Zoning Review v.1		05/14/2024 9:24	05/16/2024 16:36
~~Floodplain Admin Overview v.1~~	Task		05/14/2024 9:14
Iredell County Zoning Approval v.1	Task	05/14/2024 9:24	05/16/2024 16:36
Issue Invoice v.1	Generic Action		05/14/2024 9:24
Fees Paid v.1	Generic Action		05/16/2024 7:55
Fees v.1		05/14/2024 9:23	05/16/2024 7:55
Issue Invoice v.1	Generic Action		05/14/2024 9:24
Fees Paid v.1	Generic Action		05/16/2024 7:55
Lot Readiness Verification v.1		06/11/2024 15:51	
OSWP Septic Preliminary Site Visit v.1	Inspection	06/11/2024 15:51	06/11/2024 15:51
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 Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4802-85-4569
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: TRAVIS SPRINKLE / CLAYTON HOMES # 81 DATE EVALUATED: 6/17/24
ADDRESS: 1230 Conover BLVD Conover NC 28613
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 2.29 AC
LOCATION OF SITE: 764 Fox Mountain Rd Union Grove NC 28689 PROPERTY RECORDED: Y
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other — WATER SUPPLY SETBACK: 50'
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 15-17%	0-12	FILL DIST	—	10R 3/6	MATRIX (48)		—	S 0.3	6
		12-39	C ABK	SS SP SE FR						
		39-48	CL ABK	SS SP SE FR	few SAP	incl in CL	CL 40"+			
2	LS 12-15%	0-6	FILL DIST	—	10R 4/8	MATRIX (48)		—	S 0.3	5
		6-27	C ABK	SS SP SE FR						
		27-48	CL ABK	SS SP SE FR	heavy SAP heavy ROCK	incl in CL incl	<40%	begins 19"		
3	LS 12-15%	0-17	FILL DIST	—		(56)		—	S 0.3 REMOVE FILL	5
		17-56	C ABK	SS SP SE FR						
4	LS 15-17%	0-8	FILL DIST	—		(54)			S 0.3	6
		8-36	C ABK	SS SP SE FR						
		36-54	CL ABK	SS SP SE FR	few SAP / ROCK in	CL	CL 36"+			

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	300'	300'
System Type(s)	G 25%	G 25%
Site LTAR	0.3	0.3
Maximum Trench Depth	30	30

SITE CLASSIFICATION (.0509): S 0.3
EVALUATED BY:
OTHER(S) PRESENT: S. Williams

Comments:

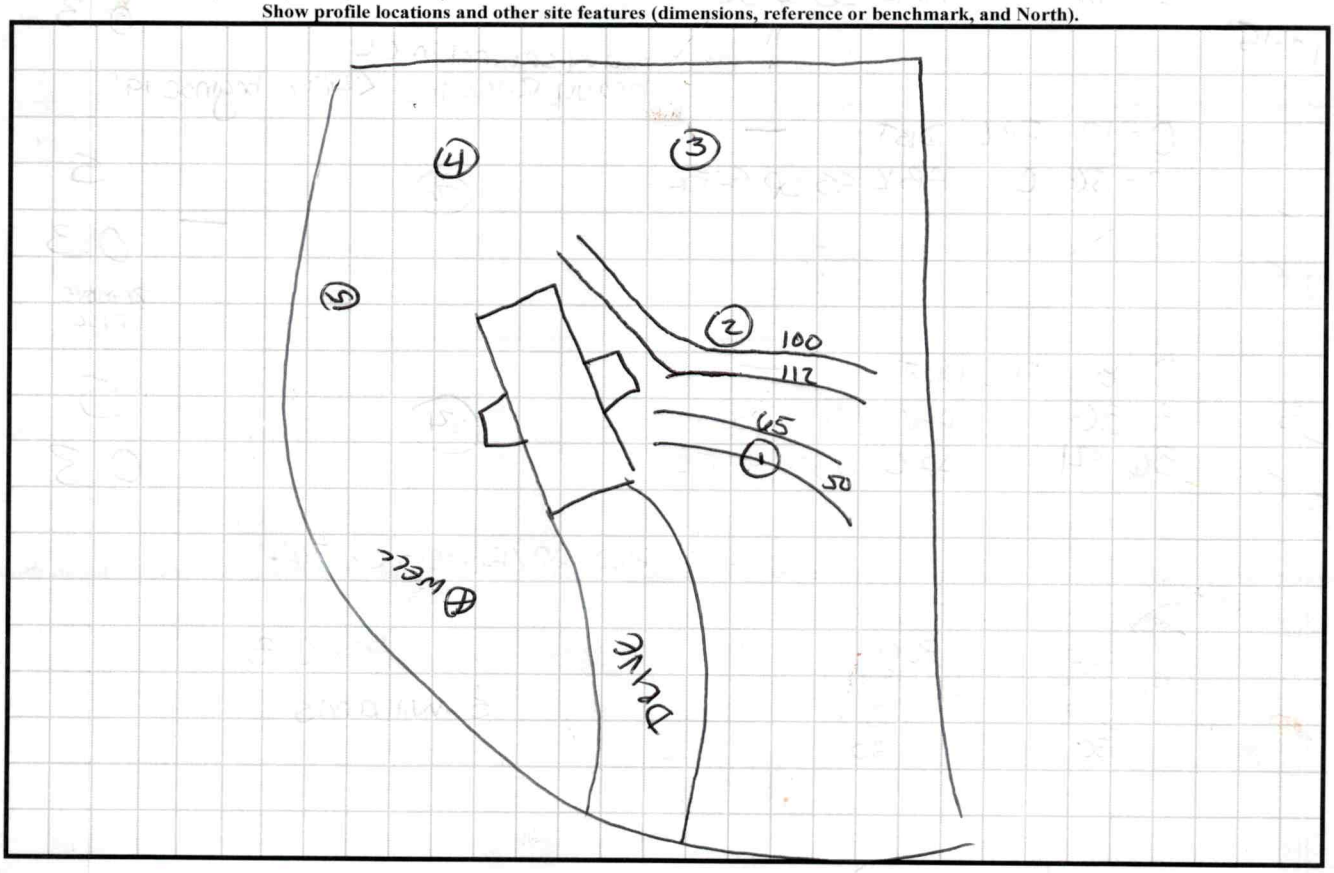
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).



SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

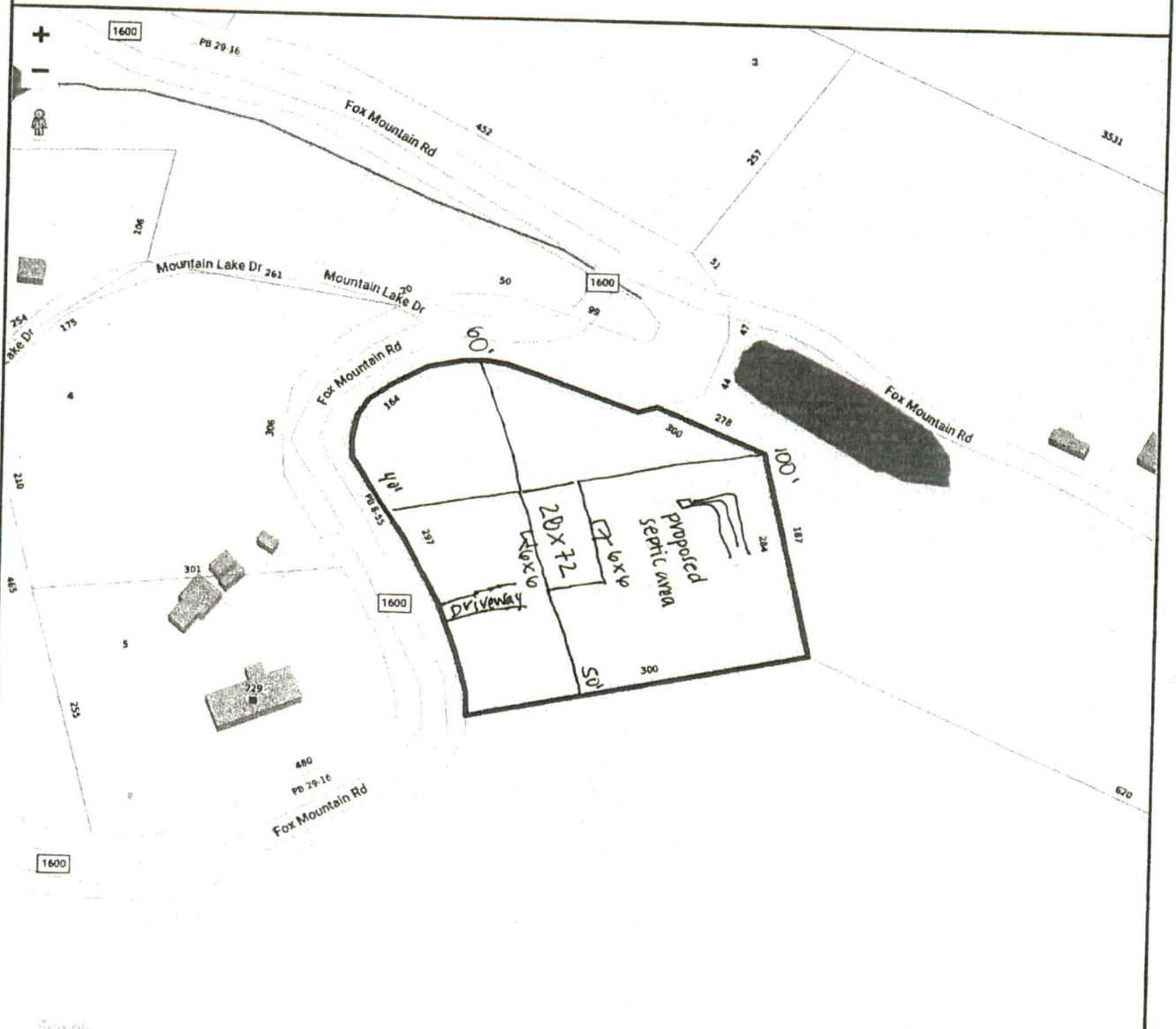
PROPERTY ID #: 4802-85-4569
DATE OF EVALUATION: 6/17/24
COUNTY: Fredul

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .0506 SOIL DEPTH	OTHER PROFILE FACTORS .0507 SAPRO CLASS	OTHER PROFILE FACTORS .0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
	LS 15-17%	0-11	FILL DIST	—		(56)				
		11-32	C ABK						S	
		32-56	CL ABK						0.3	6"
					FEW SAP/ROCK IN CL					

COMMENTS:

Iredell County, North Carolina

April 22, 2024



1" = 134.91507895531376 ft

Tax Map Information

• PIN	4802854569.000
• Address	FOX MOUNTAIN RD
• Account #	Acct 80099026
• Tax Owner	SPRINKLE TRAVIS V TRUST
• Mailing Address	1082 LINNEYS MILL RD
•	UNION GROVE, NC 28689
• GIS Owner	SPRINKLE TRAVIS V TR+LUKE W SPRINKLE TR
• Deed Info	22E / 1200 - WB - 20221007
• Tax Acres	2.29 AC
• Lot #	
• Description	FOX BROS SR1600 OFF
• Zoning	RA
• Old Parcel #	0415D00000A020
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$20,840
• Total Value	$20,840
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

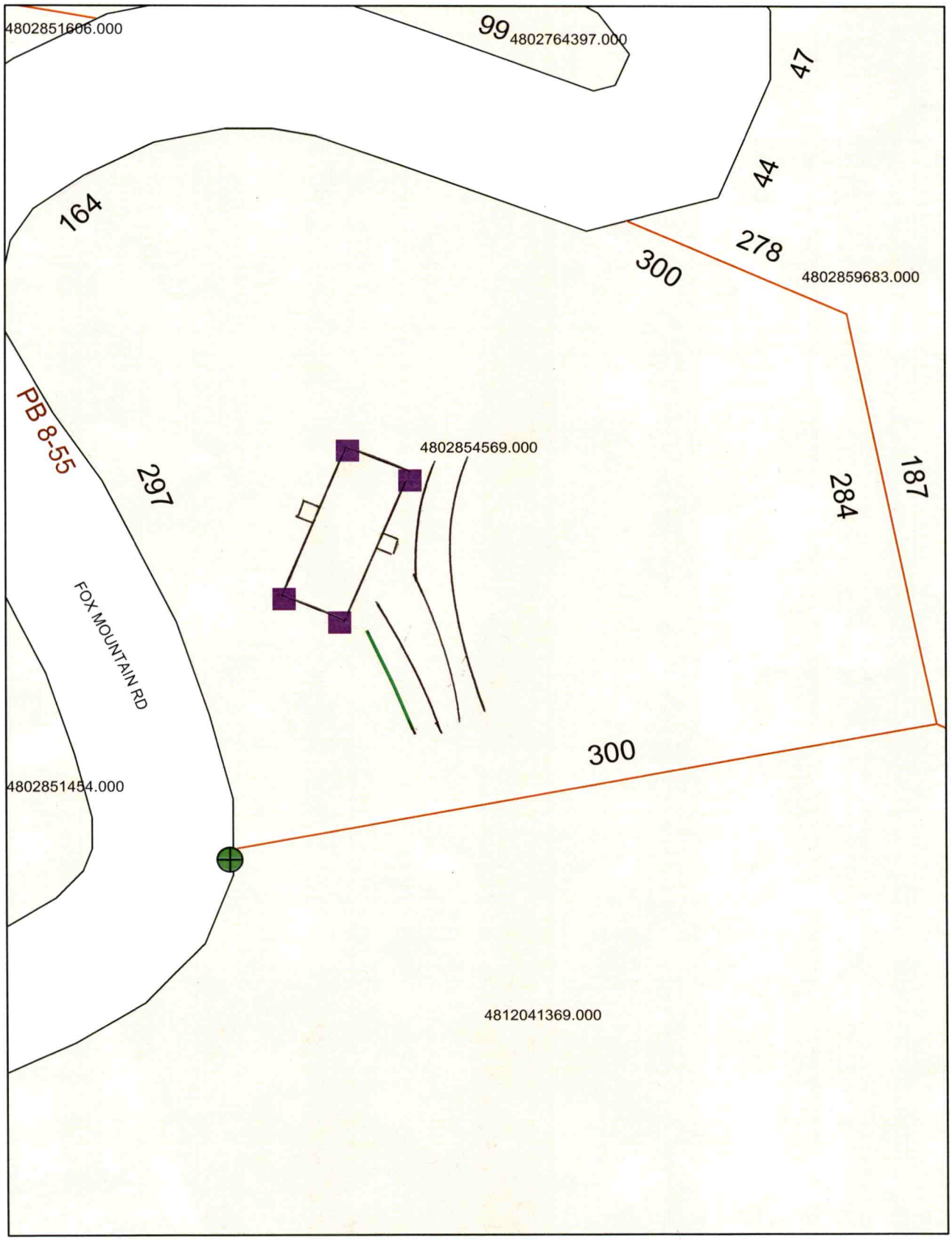
IREDELL

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 02/20/2024
Data updated 03/18/2024

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


4802851606.000
99
4802764397.000
47
44
164
278
300
4802859683.000
PB 8-55
297
4802854569.000
284
187
FOX MOUNTAIN RD
300
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