BLDR 2023-23205

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-14670

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

PIN # 4822-48-4233

APPLICANT / OWNER: Randy Cass | APPLICANT ADDRESS: 218 Burke Farm Lp, Union Grove, NC 28689

SITE ADDRESS: 294 RUPARD RD, STATESVILLE, NC 28625 | PHONE: (704) 929-4759 | ALT. PHONE:

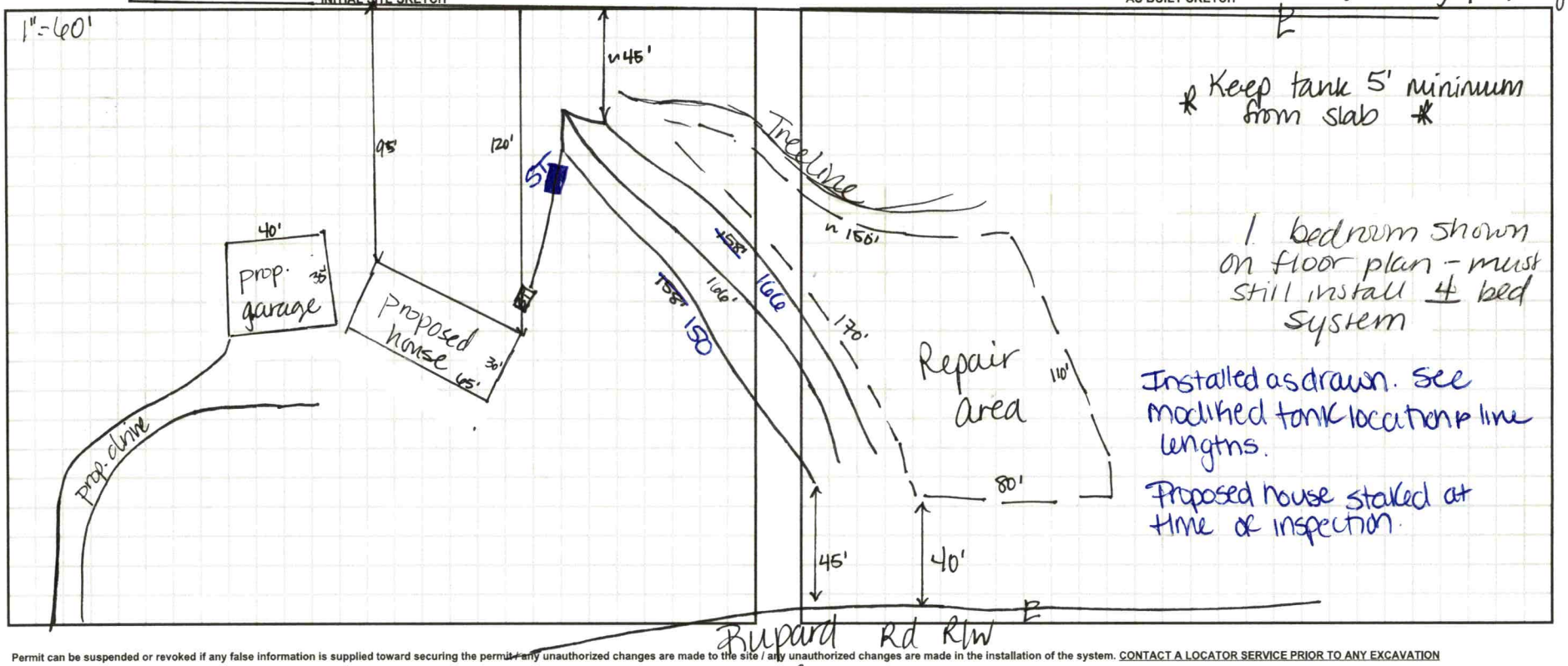
SITE DIRECTIONS: N on 115 -> R Rupard - lot on L | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Randy & Kay Cass Property | SECTION: N/A | LOT #: 1 | LOT AREA: 4.143 | DESIGN FLOW: 480 | L.T.A.R.: 0.25

Septic Tank: 1000 (gal)	STB: 760	Date: 10/11/2023	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: Existing Well
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction		☐ Business	No. Persons: 8	
Pump Make:	Model:	Serial #:	Repair System Description: 50% Reduction		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 3	Linear Ft.: 482'	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☐ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 30"/36" MAX		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☑ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield. Install on contour, divert all drainage from drainfield. using well on neighboring property

INITIAL SITE SKETCH



AS BUILT 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: Randy Cass | Date:

IMPROVEMENT PERMIT by: D. Webber | Date: 2/13/23

AUTHORIZATION TO CONSTRUCT by: D. Webber | Date: 4/20/23

Installed By: Ron Adams

OPERATION PERMIT by: Sarah Williams | Date: 11/28/2023

Existing System Inspected By: | Date:

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


4822-48-6982
1975
3
1
2
4
6
5
294
4822-48-2883
Rupard Rd
4822-48-2883

4822-37-9705
4822-48-2883
Rupard Rd
4822-48-6982
PB 66-75
32
4822-38-6653
294
4822-48-2883
1975
248
4822-49-1290
687
928

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

Sheet 1 of 2
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: Randy Cox
ADDRESS: 218 Burke Farm Lp, Union Grove
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 2914 Leopard Statesville
APPLICATION DATE 11/25/23
DATE EVALUATED: 11/9/23
PROPERTY SIZE: 1
PROPERTY RECORDED: N
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other existing well
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	8	0-5	SCL - WSBK	SSSP-FR-SEXP	Sap incl 36"+	51"	N/A	N/A	PS .3
		5-36	C - SBK	↓					
		36-51	CL - WSBK						
2	10	0-7	SCL - WSBK	SSSP-FR-SEXP	Sap incl 26"+ bending toward PL	54	N/A	N/A	PS .275
		7-26	C - SBK/ABK	↓					
		26-54	CL - WSBK						
3	10	0-10	SCL - WSBK	SSSP-FR-SEXP	Sap incl common 32"+	50"	N/A	N/A	PS .3
		10-32	C - SBK	↓					
		32-50	CL - WSBK						
4	10-15	0-17	SCL - WSBK	SSSP-FR-SEXP	Sap incl common MB @ upper level of C	+50"	N/A	N/A	PS .25
		17-41	C - SBK/ABK	SP FR SEXP					
		41-50	CL - SBK	SSSP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	480'	290
System Type(s)	25%	50%
Site LTAR	0.25	0.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Webber
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.

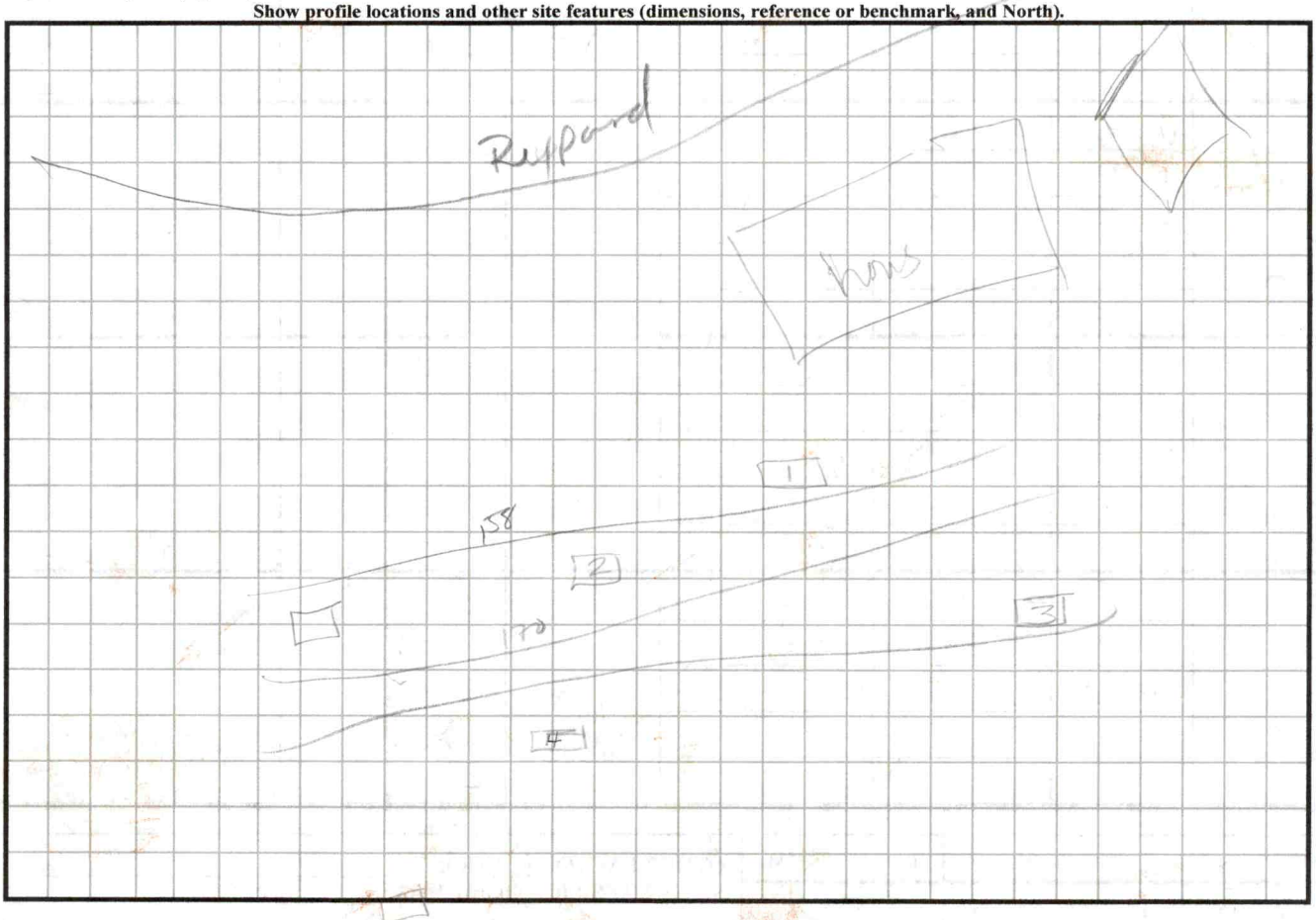
NOTES

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).



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 #:
DATE OF EVALUATION: 2/9/23
COUNTY: Iredell

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	
5	PS 12	0-9	SCL - WSBK	SSSP - PR - SEKP	Band of Discon Sap at 48 bottom	50"	N/A	N/A	PS 0.275
		9-22	C - SBK	SP - PR - SEKP					
		22-30	CL - RCF	SSSP - PR - SEKP					
		30-50	CL - WSBK	"					
6	PS 10	0-9	SCL - WSBK	SSSP - FRSEKP		50"	N/A	N/A	PS 0.3
		9-26	C - SBK	↓					
		26-50	CL - WSBK						

COMMENTS:

6/7 9/10 Start in SVL

PERMIT SNAPSHOT REPORT OSWP-2023-14670 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/25/2023
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wieberg, Danielle	**Approval Expire Date:**	
Description:	perk test for sfd stick built				

Parcel: 4822482883.000 Main	**Address:** 294 Rupard Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
RANDY W+KAYE CASS	Randy Cass 218 Burke Farm Lp Union Grove, NC 28689 Mobile: (704) 929-4759	Randy Cass 218 Burke Farm Lp Union Grove, NC 28689 Mobile: (704) 929-4759

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	All proposed structure dimensions	100x50 - stick built	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	8
Foundation Type	Basement with Plumbing	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	3.5
Front Setback	35	Back Setback	35	Left Setback	15
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	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Randy_Cass_1/25/2023.jpg	01/25/2023 13:12	Cass, Logan		Uploaded via CSS
14670 site plan auth jake's note on subdiving.pdf	01/25/2023 13:16	Horton, Amanda		

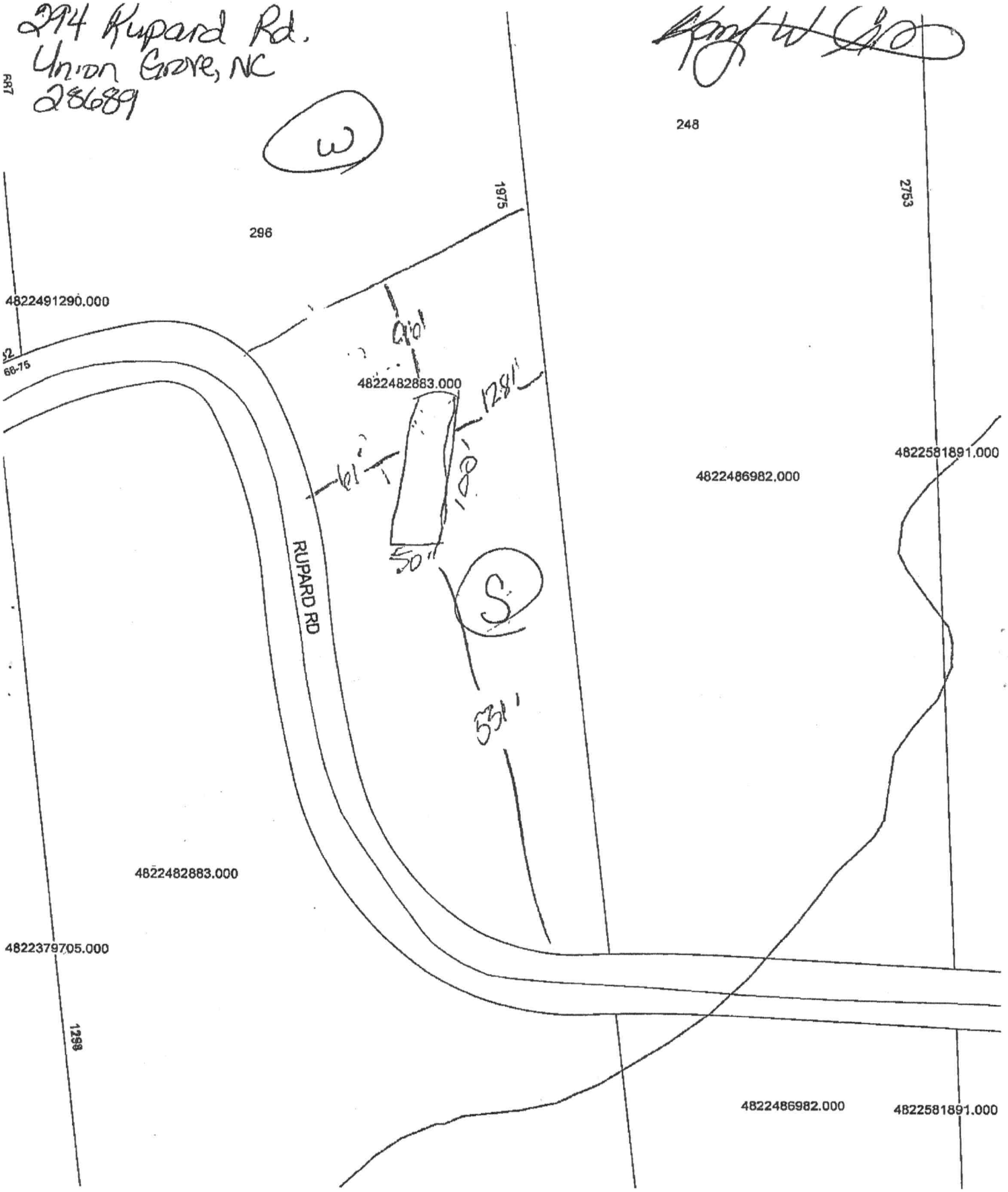
Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-57020	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/30/2023			01/30/2023 16:05	01/30/2023 16:05

Inspectors: Kobuck, Teanna (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-00008129	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00008129	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

294 Rupard Rd.
Union Grove, NC
28689



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*) _____

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, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number) _____, 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.

_____ _____

Signature of Owner(s) Date

Mooresville - Environmental Health
barbara.nebel@co.iredell.nc.us
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

Zoning Setbacks per Jake Foreman

14670

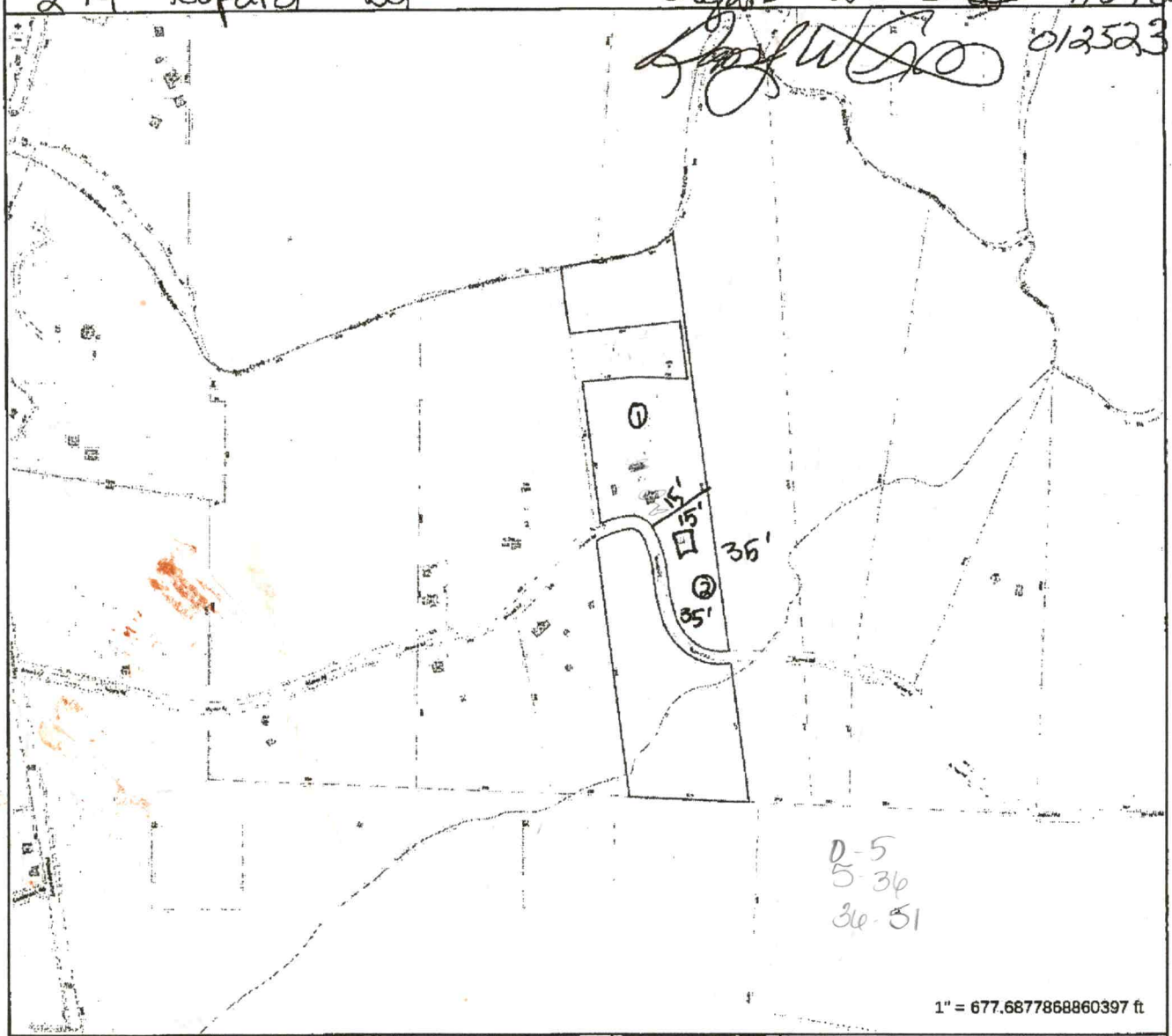
Iredell County, North Carolina

January 25, 2023

294 Rupard Rd

Logan W. Cass 1/25/2023

012523



D-5
5-36
36-51

1" = 677.6877868860397 ft

Tax Map Information

• PIN	4822482883.000
• Address	296 RUPARD RD
• Account #	Acct 80046148
• Tax Owner	CASS RANDY WAYNE
• Mailing Address	218 BURKE FARM LOOP
•	UNION GROVE, NC 28689
• GIS Owner	CASS RANDY W+KAYE
• Deed Info	2499 / 1495 - WD - 20170711
• Tax Acres	26.46 AC
• Lot #	
• Description	RANDY WAYNE CASS SR1866
• Zoning	RA
• Old Parcel #	
• Bldg Value	$32,860
• OBXF Value	$1,440
• Land Value	$123,830
• Total Value	$158,130
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

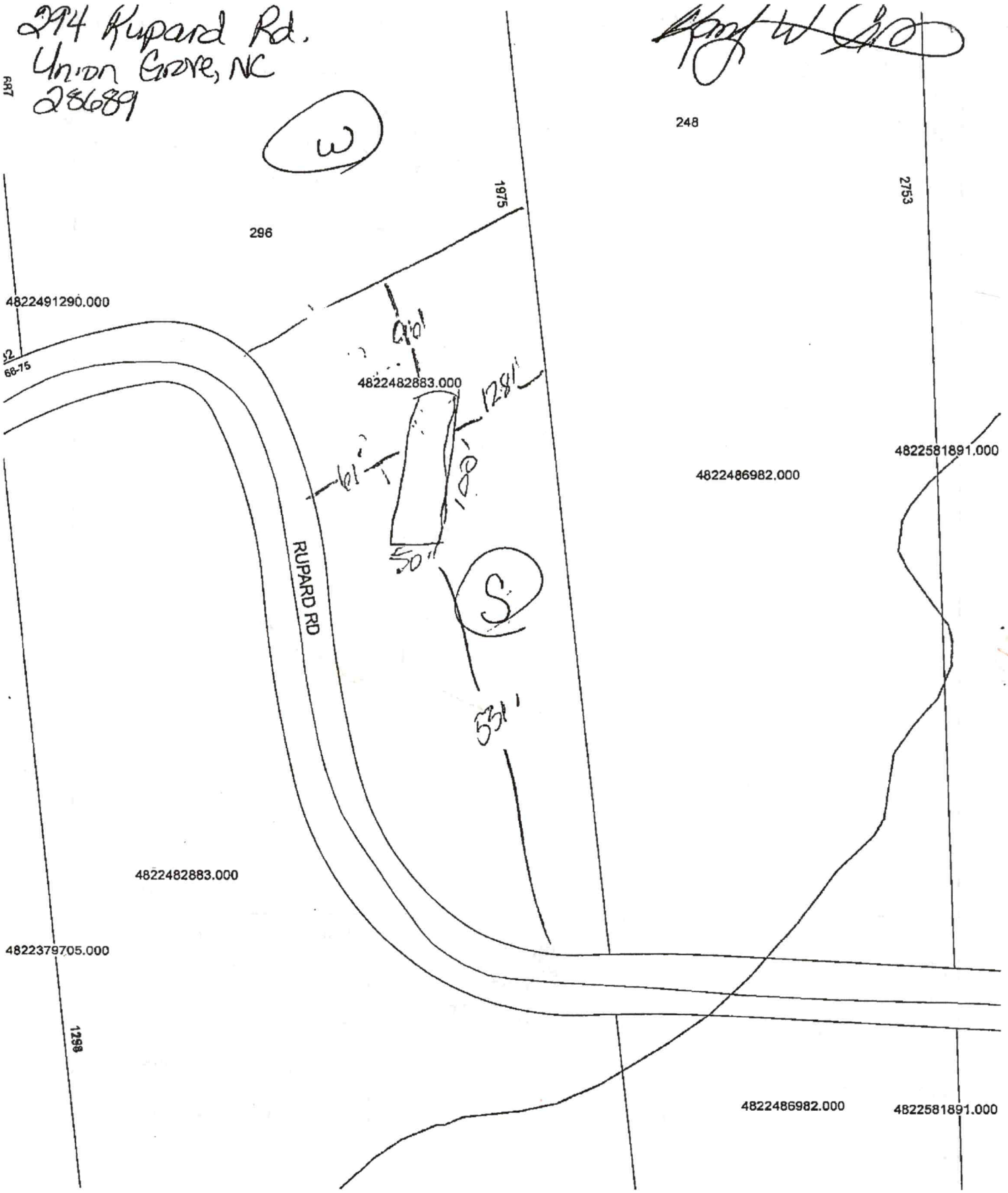
Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

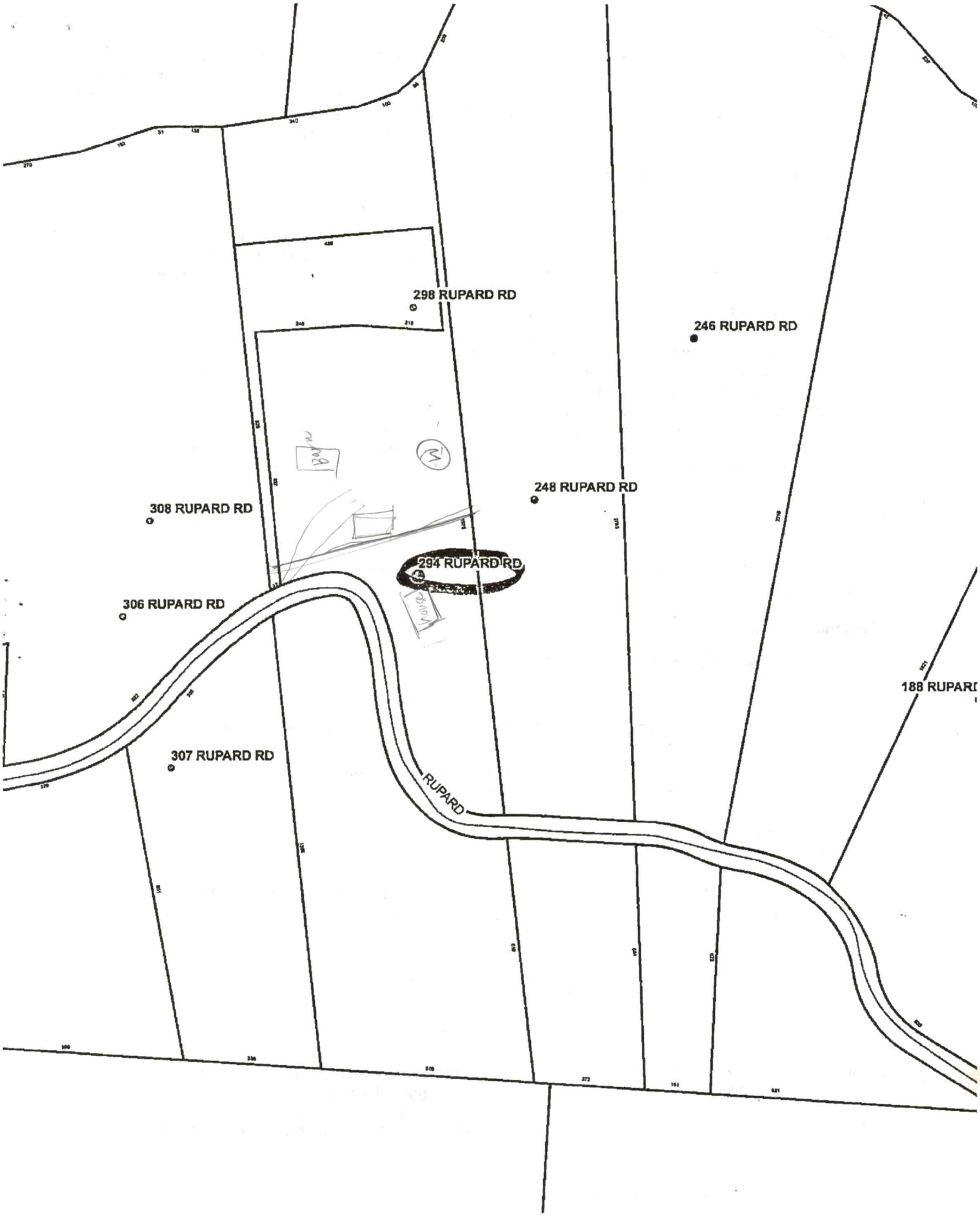
Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

May proceed w/ septic test for new home. must be divided before B.P. issuance

Planner

294 Rupard Rd.
Union Grove, NC
28689




298 RUPARD RD
246 RUPARD RD
248 RUPARD RD
308 RUPARD RD
294 RUPARD RD
306 RUPARD RD
188 RUPARI
307 RUPARD RD
RUPARD

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

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_____ _____

Signature of Owner(s) Date

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