BLDR: 2024-66469 CW

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT # OSWP 2024-58032

PIN # 4715 -- 53 -- 1887

APPLICANT/OWNER: Angie Johnson | APPLICANT ADDRESS: 424 Wood Bridge Rd, Statesville NC 28625

SITE ADDRESS: 424 Wood Bridge Rd, Statesville NC 28625 | PHONE: (704) 503-5550 | ALT. PHONE: —

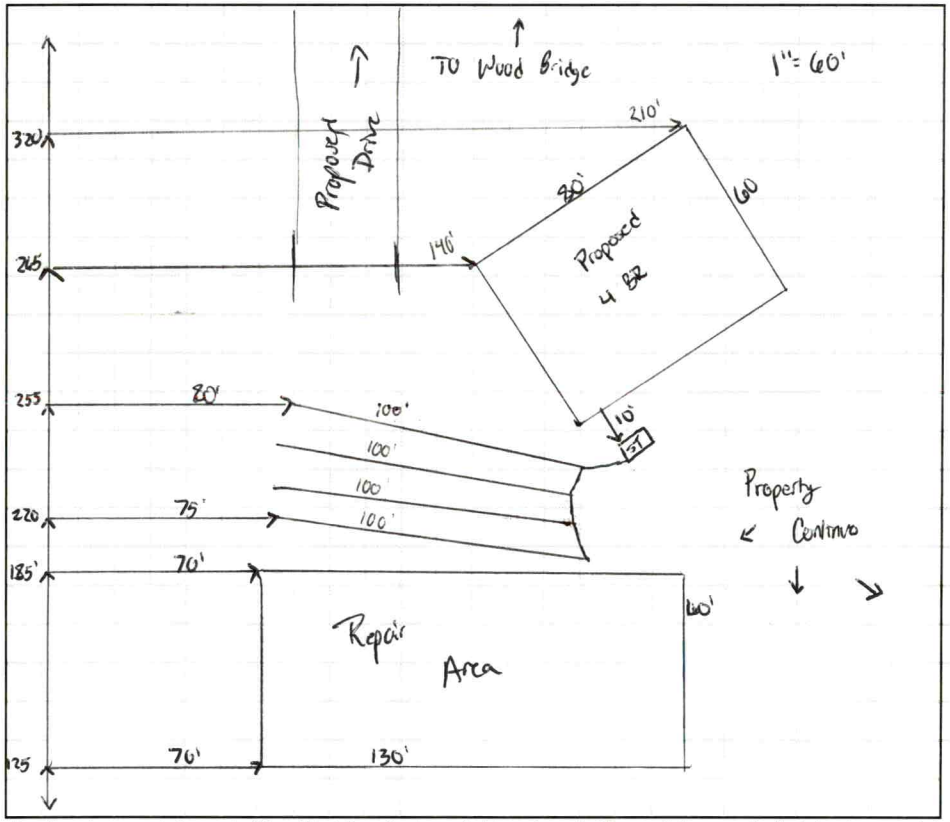
SITE DIRECTIONS: I40 West → (R) Exit 148 Taylorsville Hwy → (L) Wood Bridge Rd → Lot on (L) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — | SECTION: - | LOT #: — | LOT AREA: 4.9 | DESIGN FLOW: 480 gpd | L.T.A.R.(Initial): 0.3 | L.T.A.R (Repair): 0.3

Septic Tank: 1000 (gal)	STB: 760	Date:	☒ New System ☐ Repair ☐ Expansion	System Type: I (II) III IV V VI	☒ Residence	No. Bedrooms: 4	Water Supply
Pump Tank: — (gal)	PT: -	Date: -	System Description: 25% Reduction		☐ Business	No. Persons: 8	☒ Private
Pump Make: -	Model: -	Serial #: -	Repair System Description: 25% Reduction		☐ Other	No. Employees:	☐ Public
# Nitrification Fields: 1	# Lines: 4	Linear Ft: 400'	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space	☐ Community
Trench Width: 36"	*Max. Trench Depth(Initial): 32"	*Max. Trench Depth(Repair): 32"	Gravel Depth: -	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	
* 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"		Usable Depth to LC (Repair): 48"		Limiting Condition

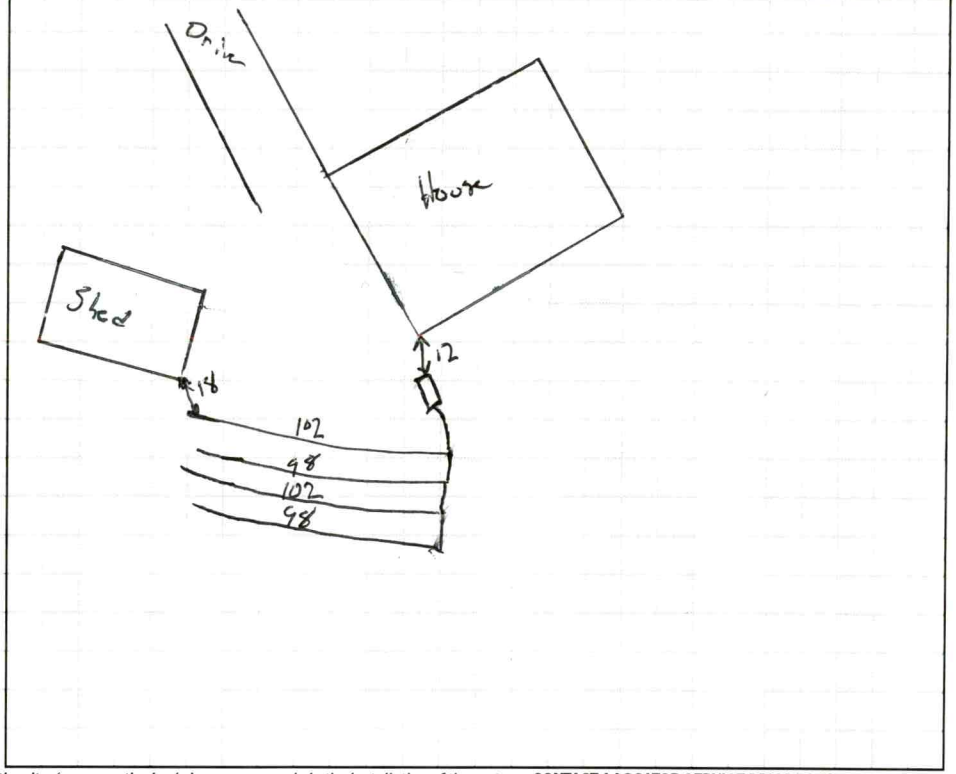
Comments / Conditions: Do not park, drive, or build on septic area. Install on contour of the land.

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: Piedmont Septic

IMPROVEMENT PERMIT by: [signature] | Date: 12/2/27 | OPERATION PERMIT by: [signature] | Date: 11/13/25

AUTHORIZATION TO CONSTRUCT by: [signature] | Date: 12/2/27 | 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-2024-58032 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	07/19/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	On Hold	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Moore, Bradley	**Approval Expire Date:**	

Description: We are under contract to purchase 424 Wood Bridge Road and want to confirm that it will perk prior to purchase. August 13th to do perk test 1pm-BM. Pits done on 8/13. Once lot is cleared, will lay out the system for them. Client agreed with this as well. 8/22/24-BM

Parcel: 4715531887.000 Main	**Address:** 424 Wood Bridge Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Keith Windsor	Henry Johnson	Angie Johnson
Home: (704) 682-3499	Home: (704) 451-0152	424 Wood Bridge Road
	Mobile: (704) 451-0152	Statesville, NC 28625
		Mobile: (724) 503-5550

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	Proposed 118ft x 63ft
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3 4
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Water Supply	New Well	Desired Septic System Type	Conventional (most common)	If other septic system type, please explain	
Pump Make		# of Nitrification Fields		Model	
Serial #		System Description		Repair System Description	
Comments/Conditions		Lot Acreage	4.995	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Jul 22 2024 12:00AM	Zoning Permit Expiration Date	Jan 18 2025 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	Additional Unique Setbacks Apply	No
Watershed	NOT IN A WATERSHED				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Angie_Johnson_7/19/2024.jpg	07/19/2024 16:02	Johnson, Angie		Uploaded via CSS
Signed Doc to Authorize_v1.pdf	07/22/2024 10:17	Johnson, Angie	Available Online	
Site Plan_v1.pdf	07/22/2024 10:21	Johnson, Angie	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-235137	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	07/30/2024	07/31/2024 0:00	07/31/2024 0:00	07/31/2024 8:05	07/31/2024 8:05

Inspectors: Botkins, Ben (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general	No	

PERMIT SNAPSHOT REPORT (OSWP-2024-58032)

	comments, not specific to any other checklist item

Note	Created By	Date and Time Created
1. called customer and left a message. I'm waiting for a call back.	Peter Mravetz	07/23/2024 8:39
2. talked to customer today and She is going to get property ready for me to inspect. Customer will call me when Corners are marked, property lines marked.	Peter Mravetz	07/23/2024 15:51

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00033736	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00033736	$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		07/22/2024 10:16	07/22/2024 10:17
Confirm application complete v.1	Generic Action		07/22/2024 10:17
Zoning Review v.1		07/22/2024 10:24	07/23/2024 8:06
~~Floodplain Admin Overview v.1~~	Task		07/22/2024 10:24
Iredell County Zoning Approval v.1	Task	07/22/2024 10:24	07/22/2024 10:24
Issue Invoice v.1	Generic Action		07/22/2024 10:24
Fees Paid v.1	Generic Action		07/23/2024 8:06
Fees v.1		07/23/2024 8:25	07/23/2024 8:25
Fees Paid v.1	Generic Action		07/23/2024 8:25
Issue Invoice v.1	Generic Action		07/23/2024 8:25
Lot Readiness Verification v.1		07/30/2024 12:10	
OSWP Septic Preliminary Site Visit v.1	Inspection	07/30/2024 12:10	07/30/2024 12:10
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 #: 4715-53-1887
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Angie Johnson DATE EVALUATED: 8/23/24
ADDRESS: 424 Wood Bridge Rd, Statesville NC 28025
PROPOSED FACILITY: Residence - 4 BR PROPOSED DESIGN FLOW (.0400): 480 gpd PROPERTY SIZE: 4.9 Ac
LOCATION OF SITE: 424 Wood Bridge Rd, Statesville NC 28625 PROPERTY RECORDED: Y
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other _____ WATER SUPPLY SETBACK: —
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	2%	0 - 10	SCL SBK	SS SP SE FI	-	48"	—	—	0.3	1
		10 - 28	C SBK	SS SP SE FI						
		28 - 48	CL SBK	SS SP SE FI						
2	3%	0 - 12	SCL SBK	SS SP SE FI	-	49"	—	—	0.3	2
		12 - 31	C SBK	SS SP SE FI						
		31 - 49	CL SBK	SS SP SE FI						
3	3%	0 - 11	SCL SBK	SS SP SE FI	-	49"	—	—	0.3	2
		11 - 33	C SBK	SS SP SE FI						
		33 - 49	CL SBK	SS SP SE FI						
4	4%	0 - 14	SCL SBK	SS SP SE FI	-	48"	—	—	0.3	2
		14 - 30	C SBK	SS SP SE FI						
		30 - 48	CL SBK	SS SP SE FI						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	400'	400'
System Type(s)	25%	25%
Site LTAR	0.3	0.3
Maximum Trench Depth	32"	32"

SITE CLASSIFICATION (.0509): S 0.3
EVALUATED BY: B. Moore
OTHER(S) PRESENT: —

Comments: _____

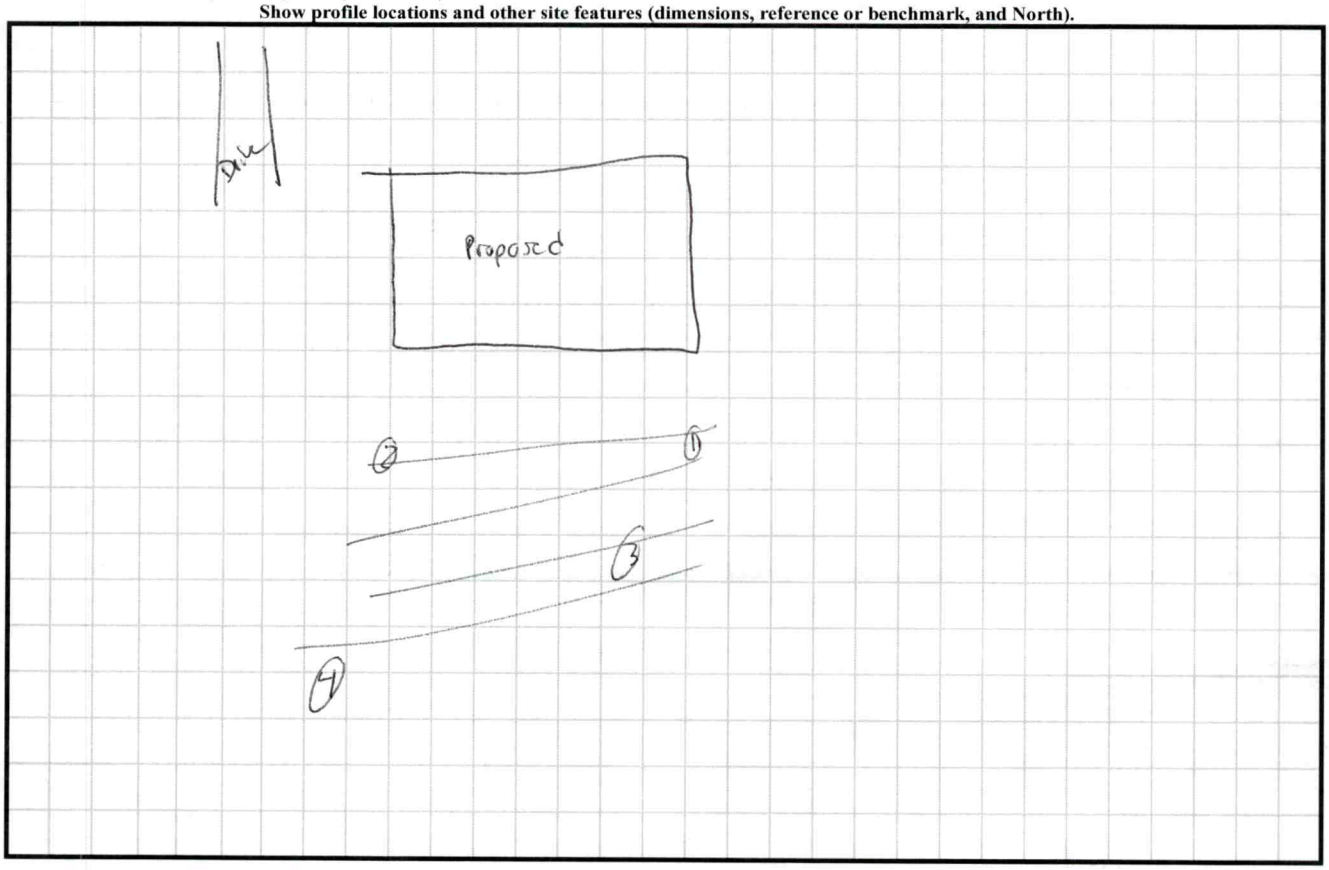
LEGEND

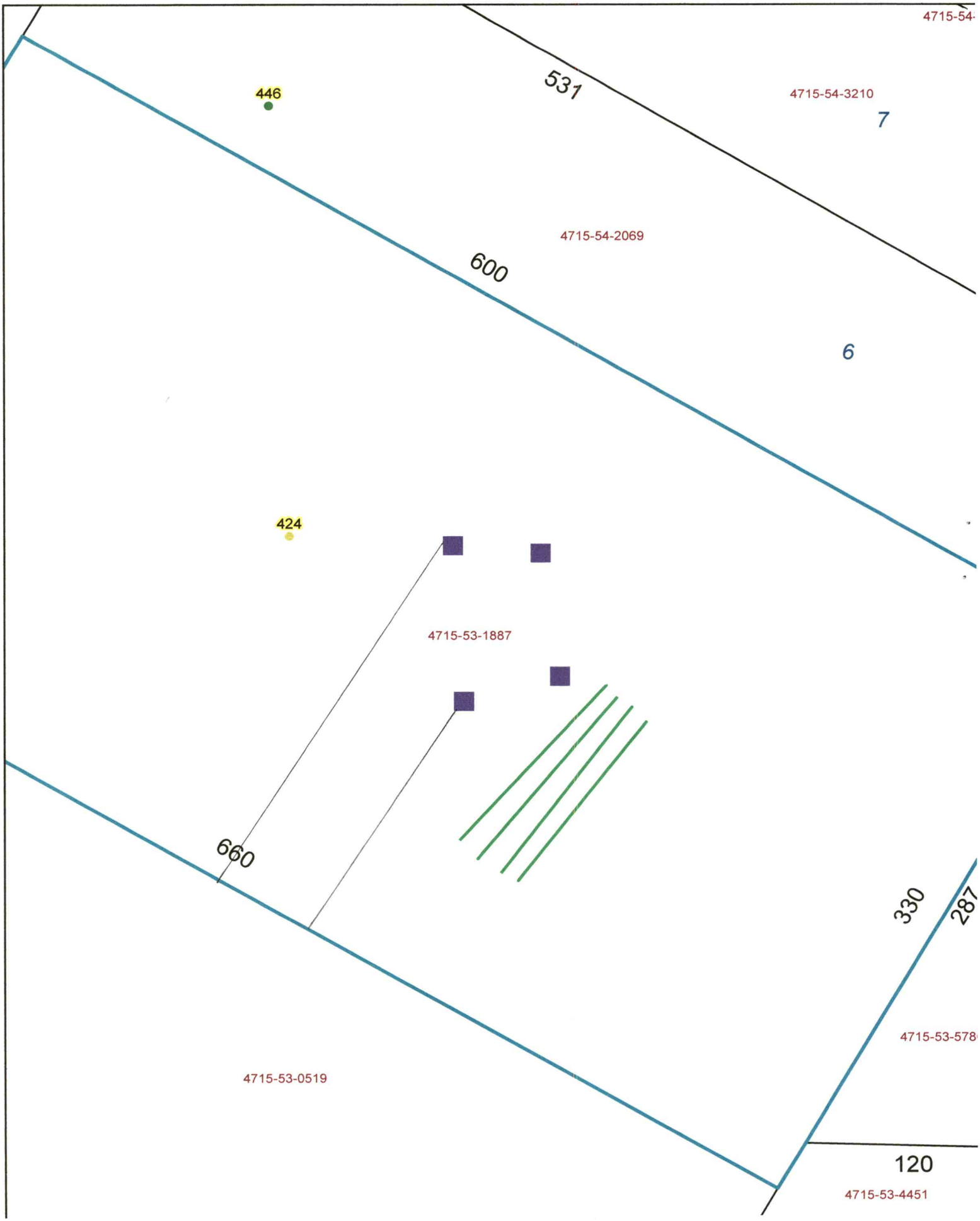
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	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					

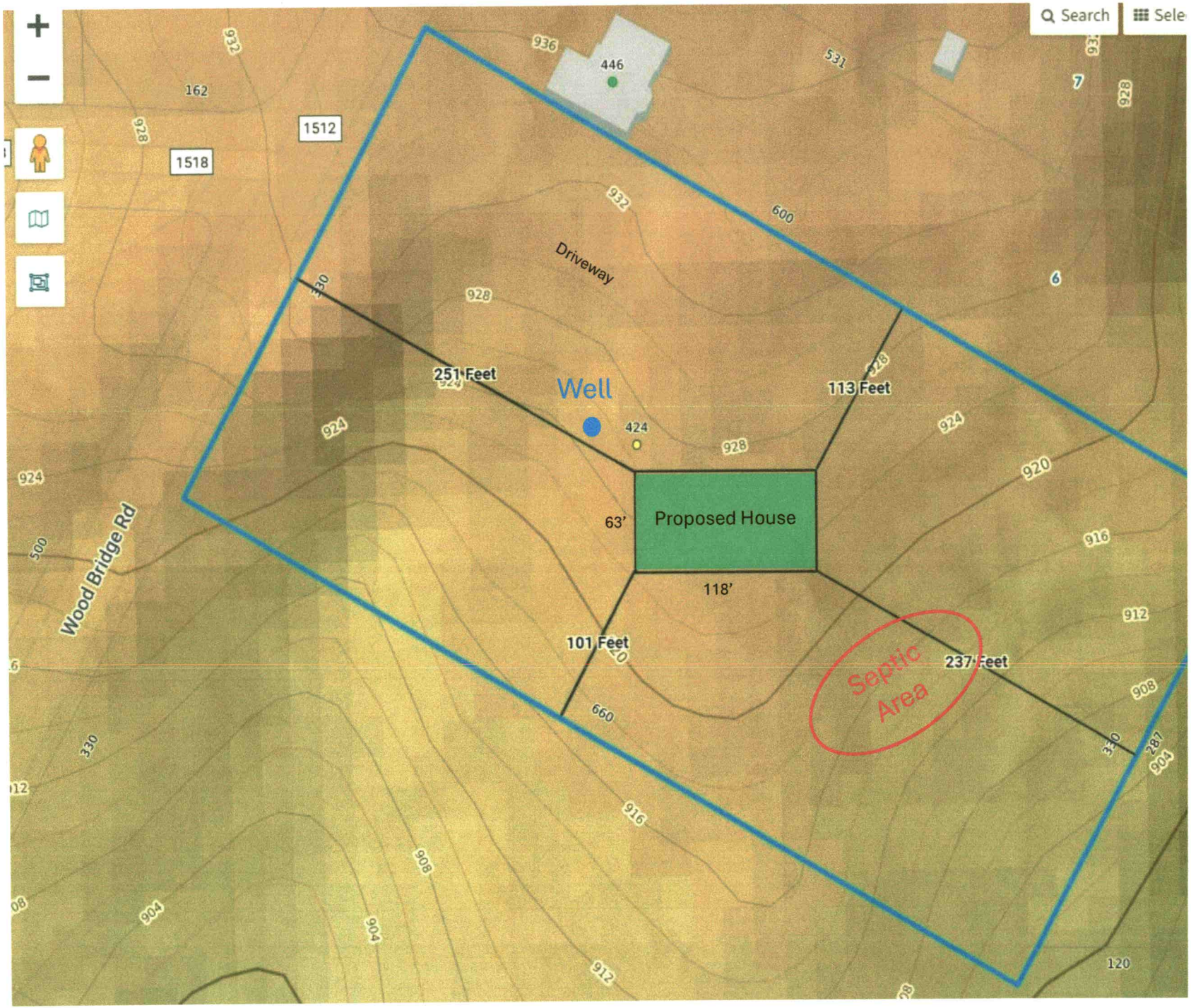
* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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).




4715-54-
446
531
4715-54-3210
7
4715-54-2069
600
6
424
4715-53-1887
660
330
287
4715-53-578
4715-53-0519
120
4715-53-4451


Search
Sele
446
162
1512
1518
Driveway
600
251 Feet
Well
424
113 Feet
Proposed House
63'
118'
101 Feet
237 Feet
Septic Area
Wood Bridge Rd
936
932
928
924
920
916
912
908
904
660
330
500
120