ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BCDR 2025-77191

PERMIT : OSWP 2025-838602

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

PIN # 4863-70-1310

APPLICANT/OWNER: Jacob Patton | APPLICANT ADDRESS: 526 Eagle Mills Rd Hamptonville NC

SITE ADDRESS: 526 Eagle Mills Rd Hamptonville NC 27020 | PHONE: 7049028723 | ALT. PHONE

SITE DIRECTIONS: I77 → (R) 901 → (L) Eagle Mills | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Eagle Ridge | SECTION: – | LOT # 5 | LOT AREA: 7.5 | DESIGN FLOW: 480 | L.T.A.R.(Initial): 0.25 | L.T.A.R (Repair): 0.25

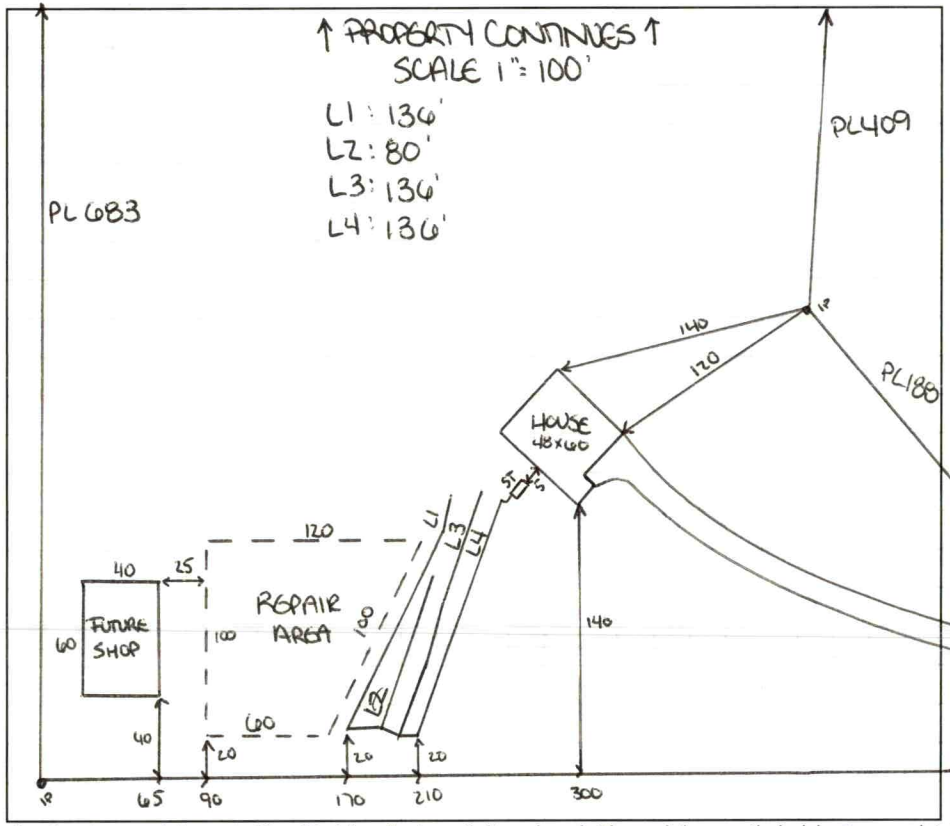
Septic Tank	1000 (gal)	STB 760	Date –	☒ New System	☐ Repair	☐ Expansion	System Type: I (II) III IV V VI
Pump Tank	(gal)	PT	Date	System Description:	GRAVITY 25% REDUCTION		
Pump Make	Model		Serial #	Repair System Description:	25% REDUCTION		
# Nitrification Fields	1 # Lines 4		Linear Ft 480	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36" *Max. Trench Depth(Initial)	28"	*Max. Trench Depth(Repair) 28"	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" | Usable Depth to LC (Repair): 48" *Limiting Condition*

☒ Residence	No. Bedrooms	4	**Water Supply**		
☐ Business	No. Persons	8	☐ Private		
☐ Other	No. Employees	–	☒ Public		
☐ Slab	☒ Crawl Space		☐ Community		
☐ Basement w/plumbing			☐ Basement w/o plumbing		

Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. Divert all drainage away from system. Do not grade, pave, park, drive over 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 | Date: – | Installed by: Frye

IMPROVEMENT PERMIT by: Sarah Williams | Date: 11/12/2025 | OPERATION PERMIT by: Sarah Williams | Date: 11/13/25

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 11/12/2025 | 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? _____	

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

PROPERTY ID #: 4863-70-1310
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: Jacob Patton DATE EVALUATED: 4/7/2025
ADDRESS: 526 Eagle Mills Rd Hamptonville NC 27020
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: 7.508
LOCATION OF SITE: 526 Eagle Mills Rd Hamptonville NC 27020 PROPERTY RECORDED: Y
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other — WATER SUPPLY SETBACK: 10
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 17-20%	0-8	CL SBK	SS SP SE FR		(49)		—	S 0.3	8
		8-29	C ABK	↓						
		29-49	CL ABK							
2	LS 15-17%	0-9	CL SBK	SS SP SE FR	10YR 6/4 + other YB in C some SABK	(48)		—	S 0.25	7
		9-15	SCL SBK	SS SP SE FR						
		15-33	C ABK	S P SE FR						
		33-48	CL ABK	SS SP SE FR						
3	LS 13-15%	0-9	SCL SBK	SS SP SE FR		(52)		—	S 0.275	6
		9-32	C SABK/ABK	↓						
		32-52	CL ABK							
4	LS 12-14%	0-9	CL SBK	SS SP SE FR	few YB 10YR 6/6 in C few ROCK bands D/C 25-37"	(50)		—	S 0.275	6
		9-15	SCL SBK	↓						
		18-29	C ABK							
		29-50	CL ABK							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	480	480
System Type(s)	Gravity 25%	Gravity 25%
Site LTAR	0.25	0.25
Maximum Trench Depth	28"	28"

SITE CLASSIFICATION (.0509): S 0.25 / 0.275
EVALUATED BY: S. Williams
OTHER(S) PRESENT: —

Comments:

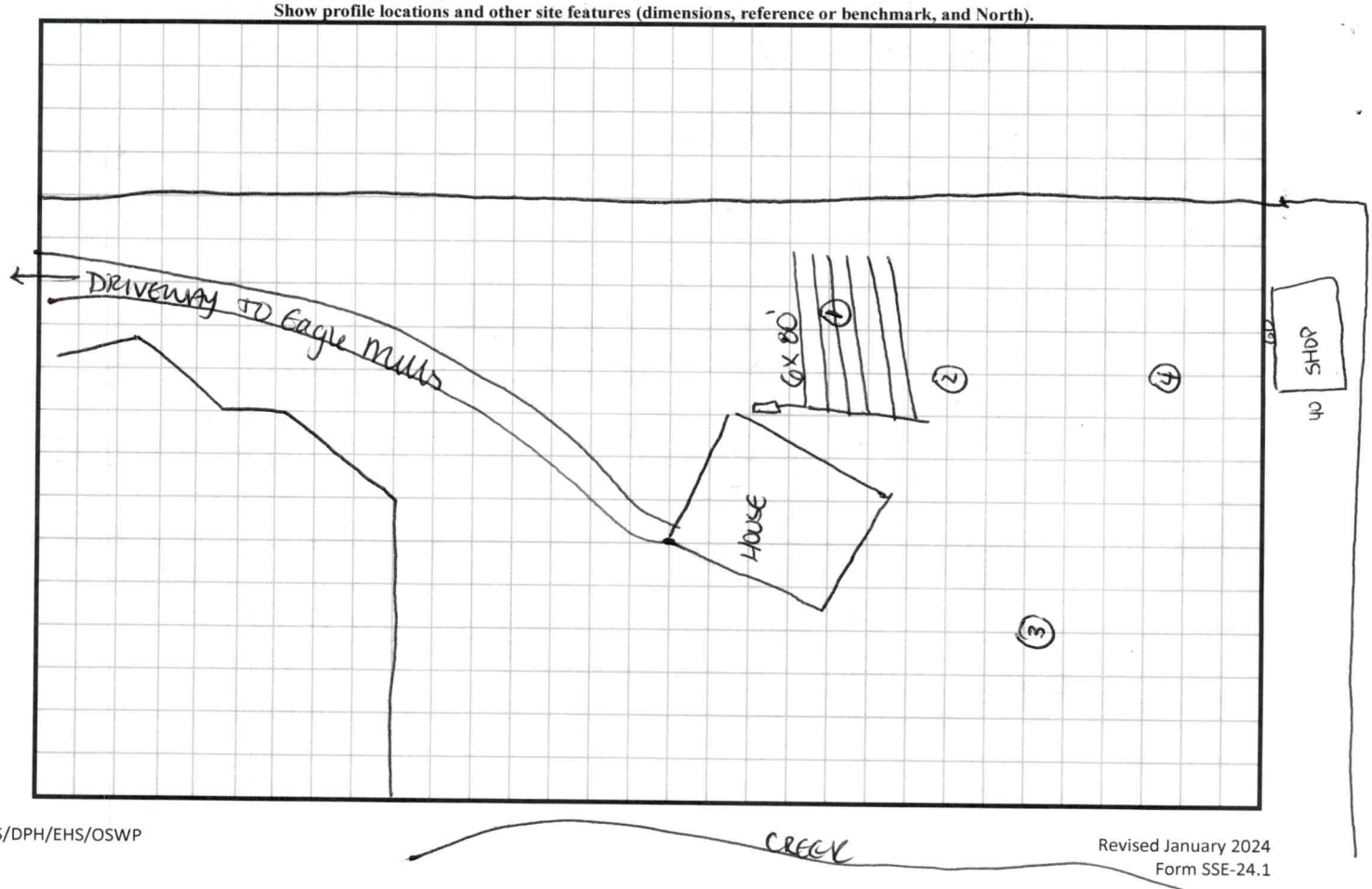
LEGEND

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).



PERMIT SNAPSHOT REPORT OSWP-2025-83862 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	09/24/2025
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	Need to Draw	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Williams, Sarah	**Approval Expire Date:**	

Description: applying for a redraw, Sarah Williams already preformed this. Just need to apply

Parcel: 4863701310.000 Main	**Address:** 526 Eagle Mills Rd Main Hamptonville, NC 27020	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Jacob Patton	Jacob Patton
526 eagle mills rd	526 eagle mills rd
Hamptonville, NC 27020	Hamptonville, NC 27020
Home: (704) 902-8723	Home: (704) 902-8723
Business: (704) 902-8723	Business: (704) 902-8723
Mobile: (704) 902-8723	Mobile: (704) 902-8723

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Intermediate Re-Layout	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	48x60
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Crawl Space Foundation
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	If other septic system type, please explain	
Permit type(s)	Improvement Permit with Site Plan	Additional Unique Setbacks Apply	No		

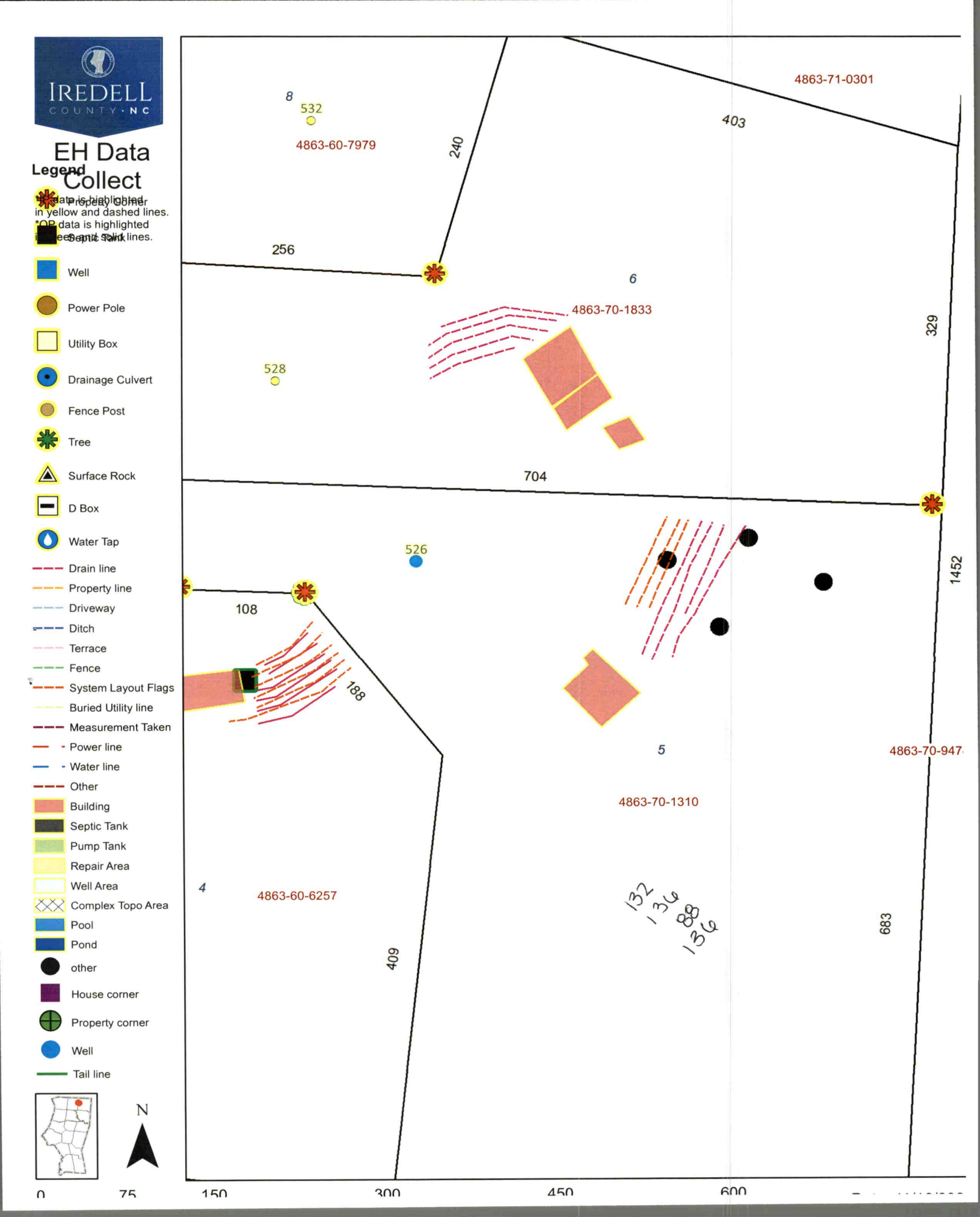
Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jacob__9/24/2025.jpg	09/24/2025 14:21	Patton , Jacob		Uploaded via CSS
B1-Site Plan_v1.pdf	09/24/2025 15:04	Patton , Jacob	Available Online	
A1-Authorize to Act as Agent_v1.jpg	09/24/2025 15:06	Patton , Jacob	Available Online	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00049857	Intermediate Re-layout	$320.00	$320.00
	Total for Invoice INV-00049857	$320.00	$320.00
	Grand Total for Permit	**$320.00**	**$320.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		09/24/2025 15:06	09/24/2025 15:06
Confirm application complete v.1	Generic Action		09/24/2025 15:06
~~**Zoning Review v.1**~~			09/24/2025 15:06
~~Floodplain Admin Overview v.1~~	Task		09/24/2025 15:06
~~Iredell County Zoning Approval v.1~~	Task		09/24/2025 15:06
~~Issue Invoice v.1~~	Generic Action		09/24/2025 15:06
~~Fees Paid v.1~~	Generic Action		09/24/2025 15:06
Fees v.1		09/24/2025 15:06	11/12/2025 11:13

PERMIT SNAPSHOT REPORT (OSWP-2025-83862)

Issue Invoice v.1	Generic Action	09/24/2025 15:06
Fees Paid v.1	Generic Action	11/12/2025 11:13
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 Permit v.1	Create Sub Permit	
Issue Authorization to Construct v.1	Generic Action	


IREDELL
COUNTY · NC
EH Data Collect
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
D Box
Water Tap
Drain line
Property line
Driveway
Ditch
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Power line
Water line
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
N
0
75
150
300
450
600
8
532
4863-60-7979
240
403
4863-71-0301
256
6
4863-70-1833
329
528
704
526
1452
108
188
5
4863-70-947
4863-70-1310
4
4863-60-6257
132
136
88
136
409
683