ICHD - ENVIRONMENTAL HEALTH DIVISION

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

STH BUDR 2025-76883

PERMIT : OSWP 2024-61104

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

PIN # 4863 -- 74 -- 4183

APPLICANT/OWNER: DAVID HOLCOMB | APPLICANT ADDRESS: 109 Swan Lake Rd Mooresville NC 28115

SITE ADDRESS: 708 Eagle Mills Rd Hamptonville NC 27020 | PHONE: — | ALT. PHONE —

SITE DIRECTIONS: I 77 (N) → (R) 901 → (L) Eagle Mills Rd | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Lee Ray Holcomb | SECTION: — | LOT # 1 | LOT AREA: 13.68 | DESIGN FLOW: 360 | L.T.A.R.(Initial): 0.3 | L.T.A.R (Repair): 0.275

Septic Tank 1000 (gal) STB 854 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 4 Linear Ft 300

Trench Width 36" *Max. Trench Depth(Initial) 30" *Max. Trench Depth(Repair) 32" Gravel Depth —

* Measured on the downhill side of the trench

[X] New System [ ] Repair [ ] Expansion System Type: I II (III) IV V VI

System Description: GRAVITY 25% REDUCTION

Repair System Description: PM 25% Reduction

Maintenance Agreement Required: [ ] YES [X] NO

[X] GRAVITY [ ] PRESSURE

Effluent Standard: [X] DSE [ ] HSE [ ] TS-I [ ] TS-II [ ] RCW [ ] NSF/ANSI 40

Usable Depth to LC (Initial): 41" | Usable Depth to LC (Repair): 49" *Limiting Condition*

[X] Residence No. Bedrooms 3

[ ] Business No. Persons 6

[ ] Other No. Employees —

[ ] Slab [X] Crawl Space

[ ] Basement w/plumbing [ ] Basement w/o plumbing

Water Supply

[X] Private

[ ] Public

[ ] Community

Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. Do not grade, pave, park, etc. in septic area.

INITIAL SITE SKETCH

See attached site plan by ICHD.

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.*

[X] **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.*

[X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE Date: — Installed by: AI BACKHOE

IMPROVEMENT PERMIT by: Sarah Williams Date: 10/16/24

OPERATION PERMIT by: Sarah Williams Date: 5/5/2025

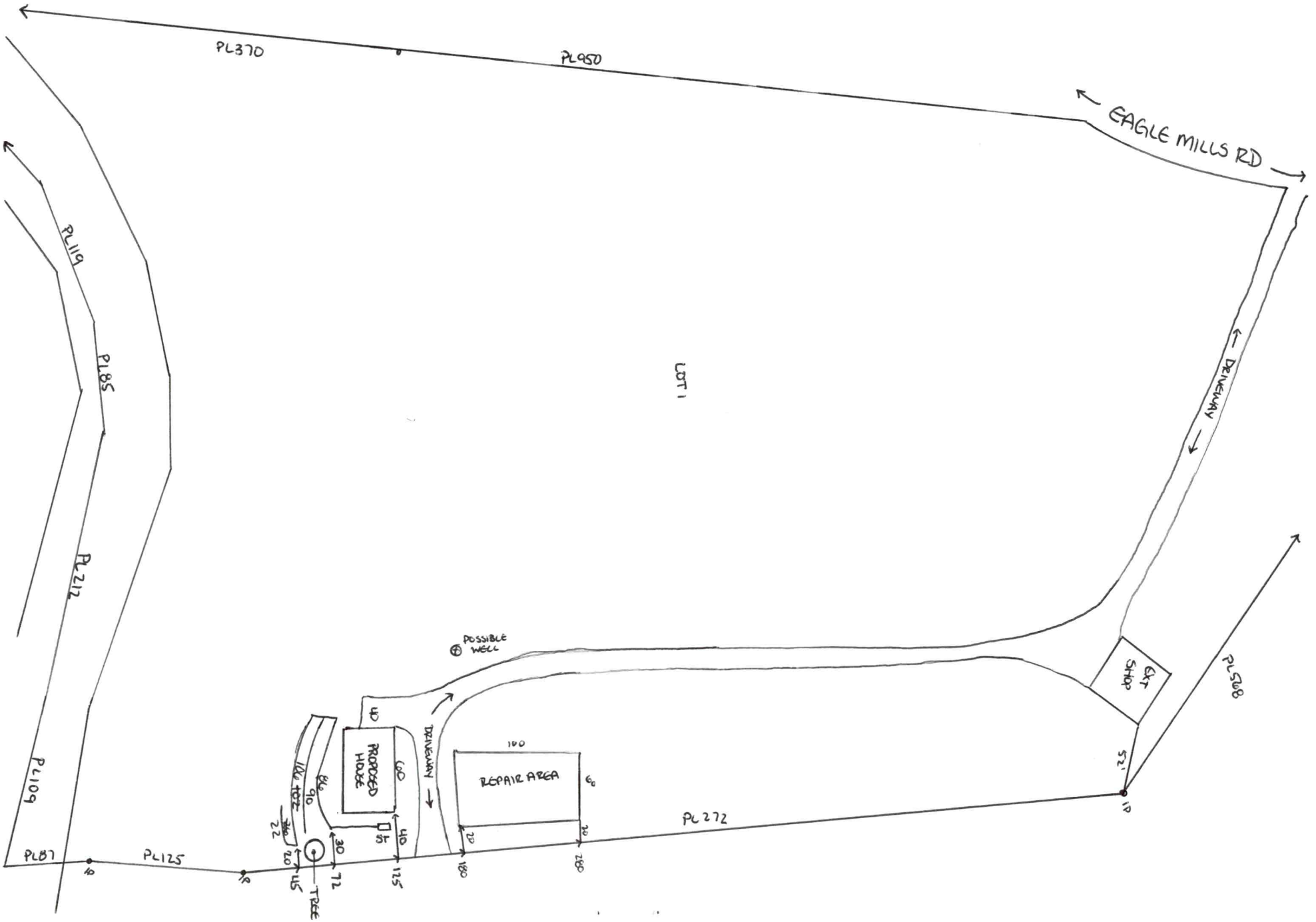
AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 10/16/24

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? _____	

768 Eagle Mills Rd Hamptonville NC 27020
SCALE 1" = 100'



PERMIT SNAPSHOT REPORT OSWP-2024-61104 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	09/04/2024
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:**	Williams, Sarah	**Approval Expire Date:**	
Description:	New Septic system **DO NOT PLACE ANYTHING IN FLOOD ZONE.**				

Parcel: 4863744183.000 Main	**Address:** 768 Eagle Mills Rd Hamptonville, NC 27020 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
David Holcomb	David Holcomb
109 Swan Lake Road	109 Swan Lake Road
Mooresville, NC 28115	Mooresville, NC 28115
Mobile: (704) 431-3871	Mobile: (704) 431-3871

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Authorization to Construct	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	60 feet x 36 feet, 1521 square feet
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	3	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	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 #		Septic System Type	I
System Description		Repair System Description		Maintenance Agreement Required	No
Gravity/Pressure	Gravity	Comments/Conditions		Permit type(s)	Authorization to Construct
Has this project been approved by TRC	No	Lot Acreage	13.86	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	Lots with a perennial stream: Must meet both the 50-foot setback from the streambank and the 35-foot setback from the rear property line for any structure. DO NOT PLACE ANYTHING IN FLOOD ZONE WHICH MAY EXTEND BEYOND THE 50-FOOT SETBACK FROM THE STREAM.	Additional Unique Setbacks Apply	No
Watershed	WSIII BOW HUNTING CREEK				

PERMIT SNAPSHOT REPORT (OSWP-2024-61104)

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_David_Holcomb_9/4/2024.jpg	09/04/2024 11:58	Holcomb, David		Uploaded via CSS
House Floor Plan 9424_v1.pdf	09/04/2024 16:34	Holcomb, David	Available Online	
Iredell County DEP Environmental Healtl 9424_v1.pdf	09/04/2024 16:34	Holcomb, David	Available Online	
EMAIL ABOUT FLOODPLAIN.pdf	09/05/2024 11:37	Sloan, Chrystal		
Site Plan 2_v1.pdf	09/09/2024 8:09	Holcomb, David	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-248222	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	09/12/2024	09/13/2024 0:00	09/13/2024 0:00	09/13/2024 8:00	09/13/2024 8:00

Inspectors: Botkins, Ben (Primary)

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

Note	Created By	Date and Time Created
1. I emailed David and ask him to call me back to confirm property is ready for me to inspect.	Peter Mravetz	09/10/2024 11:43

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00035672	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00035672	$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		09/04/2024 16:34	09/04/2024 16:34
Confirm application complete v.1	Generic Action		09/04/2024 16:34
Zoning Review v.1		09/05/2024 9:16	09/10/2024 8:37
Floodplain Admin Overview v.1	Task	09/05/2024 0:00	09/09/2024 7:45
Iredell County Zoning Approval v.1	Task	09/05/2024 9:16	09/10/2024 8:37
Issue Invoice v.1	Generic Action		09/09/2024 8:11
Fees Paid v.1	Generic Action		09/10/2024 8:16
Fees v.1		09/10/2024 8:16	09/10/2024 8:16
Fees Paid v.1	Generic Action		09/10/2024 8:16
Issue Invoice v.1	Generic Action		09/10/2024 8:16
Lot Readiness Verification v.1		09/12/2024 11:05	
OSWP Septic Preliminary Site Visit v.1	Inspection	09/12/2024 11:05	09/12/2024 11:05
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 #: 4863-74-4183
COUNTY: Iredell

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

OWNER: DAVID HOLCOMB — DATE EVALUATED: 10/11/24
ADDRESS: 109 Swan Lake Rd Mooresville NC 28115
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.0400): 360 — PROPERTY SIZE: 13.86AC
LOCATION OF SITE: 768 Eagle Mills Rd, Hamptonville — 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	17%	0-9	CL/SBK	SS-SP-FR-SExP		(46")		—	PS .3	6
		9-32	C/SBK	SS-SP-FR-SE						
		32-46	CL/WABK	SS-SP-FR-SE						
		46-56	SL/SAP/MA	NS-NP-FR	Rock thruout - less than 1/3 of pit ↳ Discont. → 16"-27"					
2	18%	0-4	CL	Disturbed		(41")		—	PS .3	6
		4-35	C/ABK	SS SP-FR-SE						
		35-41	PM Band		Band of Parent material discont.					
		41-53	CL/SBK	SS-SP-FR-SE						
		53-61	SL/SAP/Ma	NS-NP-FR						
3	10%	0-20	C ABK	~~NS~~ SP SE FR		(49")		—	PS 0.275	4
		20-49	CL WABK	SS SP SE FR	heavy quartz & coarse fragments throughout					
4	7%	0-32	C ABK	SS SP SE FR		(51")		—	PS 0.3	3
		32-51	CL WABK	SS SP SE FR	heavy SAP in CL					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	300'	300'
System Type(s)	G 25% Red.	PM 25% Red.
Site LTAR	0.3	0.275
Maximum Trench Depth	23"	32"

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

Comments:

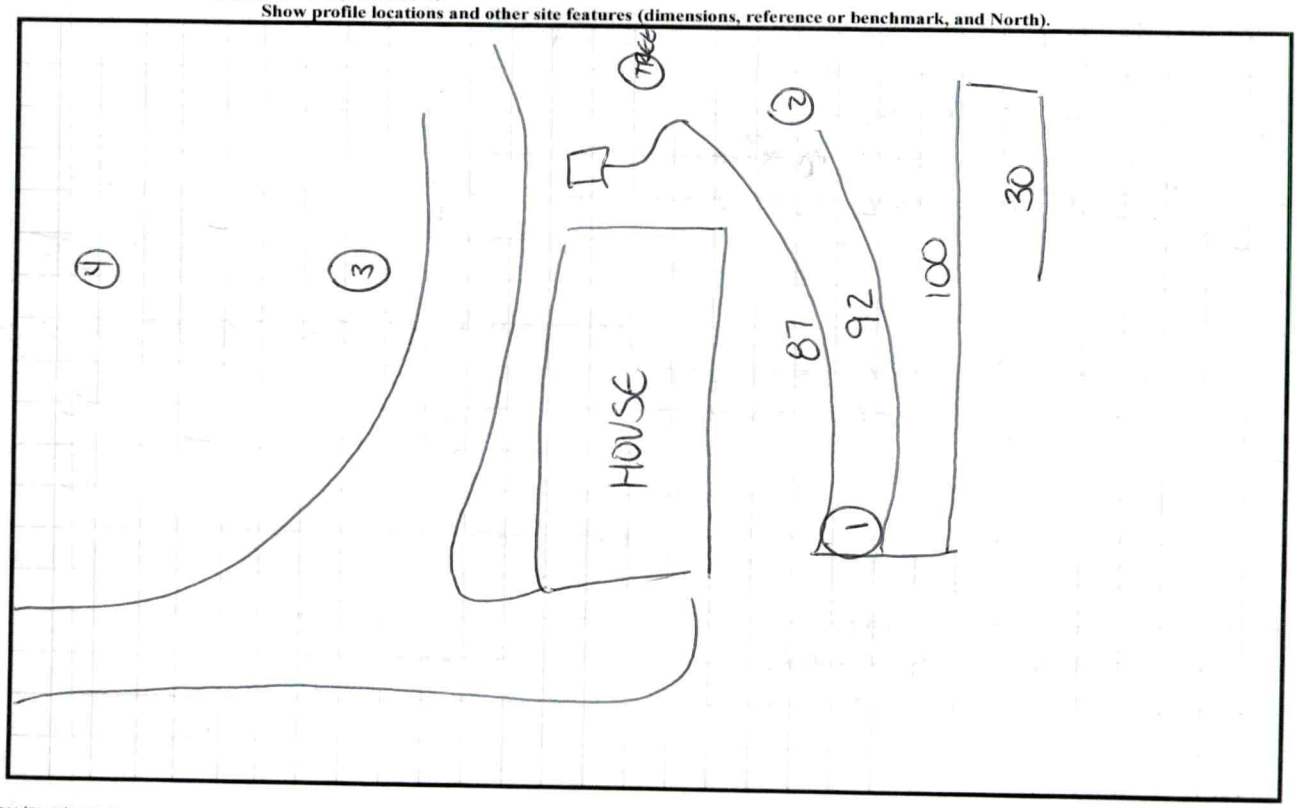
LEGEND

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).



I, Russell N. Vogel certify that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in Book 285, page 495; that the boundaries not surveyed are clearly indicated as drawn from information found in Book ____, page ____; that the ratio of precision as calculated is 1 :10,000+; that the Global Positioning System (GPS) survey and the following was used to perform the GPS survey:

Class of Survey A
Positional accuracy 0.06 USFT
Type of GPS field procedure Real-Time Kinematic
Date of survey 11-08-22
Datum/Epoch NAD 83 (2011) Conus
Published/Fixed-control use OPUS
Geoid model GEOID18
Combined grid factor(s) 0.9999156
Units USFT

That this plat was prepared in accordance with G.S. 47-30 as amended. Witness my hand and seal this 24th day of July, 2024

Russell N. Vogel
Russell N. Vogel L-3106

North Carolina Professional SEAL L-3106 Land Surveyor Russell N. Vogel

I, Russell N. Vogel, P.L.S., L-3106 certify to one or more of the following as indicated by an X.

X a. That the plat is of a property that creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

___ b. That the plat is of a property that is located in such portion of a county or municipality that is unregulated as to an ordinance that regulates parcels of land.

___ c. That the plat is of a survey of an existing parcels of land.

___ d. That the plat is of a survey of another category, such as the recombination of an existing parcels, a court-ordered survey or or the other exception to the definition of subdivision.

___ e. That the information available to this surveyor is such that I am unable to make a determination to the best of my professional ability as to the provisions contained in a. through d. above.

Signature Russell N. Vogel L-3106
Surveyor Registration No.

I hereby certify that I am the owner of the property shown and described hereon, which is located in the subdivision jurisdiction of the County of Iredell and that I hereby adopt this plan of subdivision with my free consent and establish minimum building setbacks as noted.

I further certify that:
a. there are no deed restriction which will be violated by the requested subdivision and
b. there are no governmental regulations of any kind, other than those for which a variance has been applied for under the Iredell County Subdivision Ordinance regulations, which will be violated by the request subdivision: and
c. I understand that enforcement of deed restrictions and other contractual agreements is not the responsibility of Iredell County, will not be undertaken by Iredell County, and is the sole responsibility of the parties affected by violations of such deed restrictions and contractual agreements.

Owner Lee Roy Holcomb Date 7-25-24

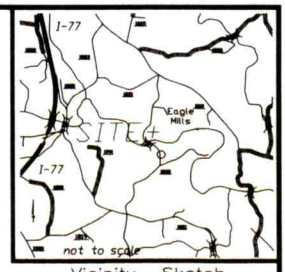
NORTH CAROLINA, IREDELL COUNTY

I, Cynthia G Nicholson Notary Public of the County and State aforesaid, certify that Lee Roy Holcomb personally appeared before me this day and acknowledge the execution of the foregoing instrument. Witness my hand and offical stamp or seal, this 26th day of July, 2024.

Notary Public Cynthia G Nicholson
Print Name Cynthia G Nicholson
My Commission Expires: 10-8-2024

CYNTHIA G NICHOLSON NOTARY PUBLIC IREDELL COUNTY, NC

LINE	BEARING	DISTANCE
L-1	S 39°12'34"W	27.73'
L-2	S 09°33'37"E	49.34'
L-3	S 09°13'02"W	42.12'
L-4	S 14°51'56"E	76.07'
L-5	S 00°25'53"E	84.96'
L-6	S 37°51'18"E	19.33'
L-7	S 06°10'34"W	25.79'
L-8	S 33°26'25"E	22.84'
L-9	S 13°18'18"E	19.11'
L-10	S 64°32'49"E	60.02'
L-11	S 15°05'09"E	48.54'
L-12	S 51°28'37"E	21.89'
L-13	S 78°55'21"E	32.92'
L-14	N 42°39'33"E	20.95'
L-15	S 35°59'10"E	108.56'
L-16	S 04°53'32"E	31.98'
L-17	S 32°11'02"E	24.84'
L-18	S 84°09'12"E	38.51'
L-19	S 05°13'44"E	31.62'
L-20	S 49°41'10"W	22.52'
L-21	S 15°22'12"E	17.14'
L-22	S 62°56'12"E	12.92'
L-23	S 01°18'26"E	44.32'
TIE LINE L-24	N 78°47'48"E	5.65'



Vicinity Sketch

I hereby certify that the subdivision plat shown hereon has been found to comply with the Subdivision Regulation of the County of Iredell, North Carolina and this plat has been approved by the Subdivision Administrator for recording in the Register Deeds of Iredell County.

As of the date of this recording the lots represented on the plat have not been inspected or approved by the Iredell County Health Department. Until inspected there is no assurance that a Building Permit will be issued. for recording in the Register Deeds of Iredell County.

Tessa Clanton 7/25/2024
Subdivision Administrator Date

The Subdivision shown hereon to the best of my knowledge does lie within the WS-III Balance of Watershed as designated by the North Carolina Division of Environmental Management and as appears on the Watershed Protection Map of Iredell County.

Tessa Clanton 7/25/2024
Subdivision Administrator Date

I, Tessa Clanton Review Officer of Iredell County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

7/25/2024 Tessa Clanton
Date Review Officer

Proximity to Voluntary Farmland Preservation District

This property, or portions thereof, is located within 1/2 mile of a designated voluntary farmland preservation district. This program has been developed to inform all purchasers of real property that certain agricultural activities, including but not limited to pesticide spraying, manure spreading, machinery and truck operations, livestock operations, sawing, and similar activities may take place in these districts any time during the day or night.

Family Division

The initial conveyance of Lot 2 of this division shall be only to immediate family of the property owner, and no further division of the property may occur except by compliance of standards of the Iredell County Land Development Code.

Zoned - RA
Building Setbacks
Front and Rear 35' - Side 15'

Total Area
21.52 acres
Division Survey of Plat Book 79, pg. 104

Reference Deed: Db. 2984, pg. 981-986 PIN 4863-74-6075.000 Map Revised: 07-24-24

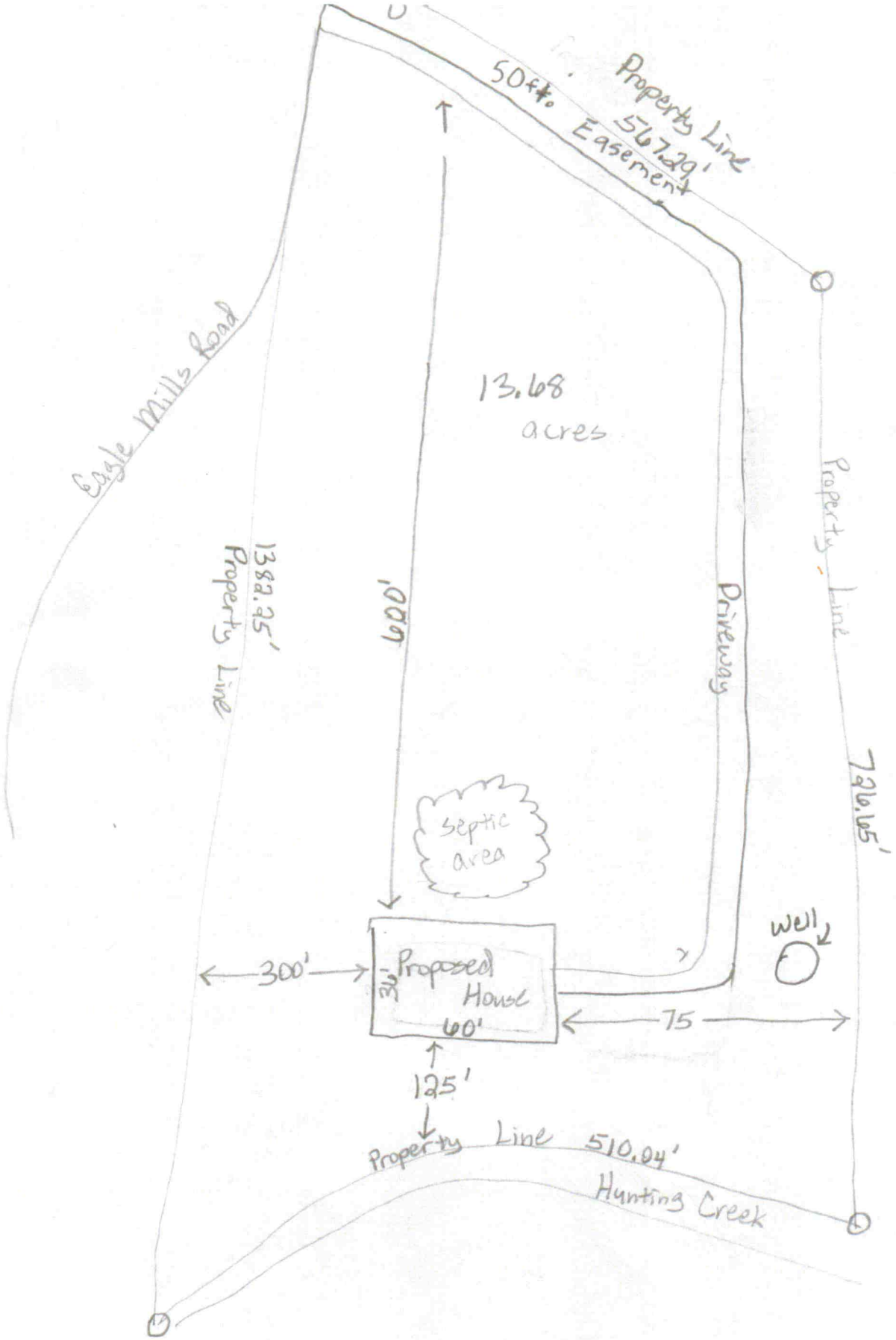
Notes:
Area by coordinate geometry.
This property is subject to any restrictions, zoning, ordinances, or utilities of record (not researched).
No attempt has been made to ascertain the existence of any latent easement or unrecorded rights of others.
Current tax records used to identify adjoining owners.
This survey was performed without the benefit of a current and accurate title report, and which may reveal additional conveyances, right-of-ways, or other restrictions not shown.
Any alteration, reproduction, or unauthorized use of this document is strictly prohibited.
Copyright ©, Foresight Surveying. All rights reserved. Reproduction or use of the contents of this document, in whole or part, without written consent of the land surveyor, is prohibited.
Only copies from the original of this document, marked with an original signature and embossed seal of the surveyor shall be considered to be valid, true copies.
Any liability for this survey on the part of the surveyor is solely to Lee Roy Holcomb.
Lots will be served by private water and septic system.

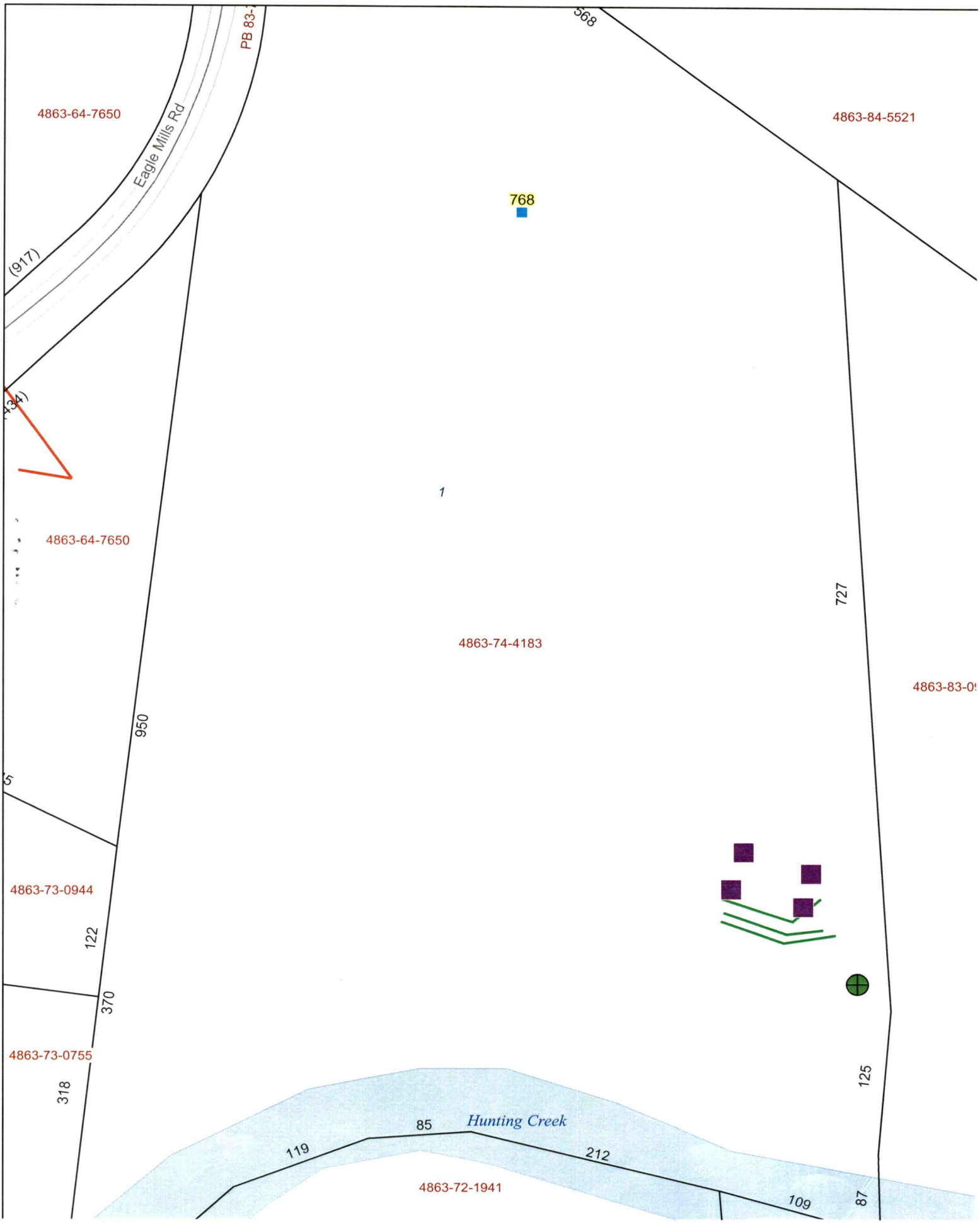
120 60 0 120 240 360 480 600
GRAPHIC SCALE 1"= 120'

LEGEND
EXISTING CORNER
IRON SET
COMPUTED POINT
RIGHT-OF-WAY R/W
Db.____, pg.____ Deed Book & Page
PP power pole

FAMILY DIVISION SURVEY FOR		TOWNSHIP	COUNTY
Lee Roy Holcomb		Eagle Mill	Iredell
PROPERTY OF	SCALE	STATE	DATE
Lee Roy Holcomb	1"=120'	N.C.	11-08-22

Foresight Surveying
2593 CONGO ROAD
WILKESBORO, NC 28697
RUSSELL N. VOGEL, P.L.S., L-3106
PHONE: (336) 667-2505


50ft. Easement
Property Line
567.29'
Eagle Mills Road
13.68
acres
1382.95'
Property Line
600'
Driveway
Property Line
796.65'
Septic
area
Well
300'
30'
Proposed
House
60'
75
125'
Property Line 510.04'
Hunting Creek


4863-64-7650
Eagle Mills Rd
PB 83-
568
4863-84-5521
768
(917)
(434)
1
4863-64-7650
727
4863-74-4183
4863-83-0
950
4863-73-0944
122
370
4863-73-0755
318
125
85
Hunting Creek
119
212
4863-72-1941
109
87