ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT : OSWP 2025-73253

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

PIN # 4708 -36 -9308

APPLICANT/OWNER: Raymond S Lunsford APPLICANT ADDRESS: 138 Ridge Meadow Loop Stony Point, NC 28678

SITE ADDRESS: 138 Ridge Meadow Lp Stony Point, NC 28678 PHONE: (704) 929-0781 ALT. PHONE -

SITE DIRECTIONS: Harris Bridge, Ridge Meadow Loop SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 5.4AC DESIGN FLOW: 100 gpd L.T.A.R.(Initial): .3 L.T.A.R (Repair): .3

Septic Tank 1000 (gal) STB 1012 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 1 Linear Ft 102.54

Trench Width 36 in *Max. Trench Depth(Initial) 32 in *Max. Trench Depth(Repair) 32 in Gravel Depth -

* Measured on the downhill side of the trench

☒ New System ☐ Repair ☐ Expansion System Type: I (II) III IV V VI

System Description: 25% Reduction

Repair System Description: 25% Reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 48+ in

☐ Residence No. Bedrooms -

☐ Business No. Persons -

☒ Other No. Employees

☒ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

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

Water Supply

☒ Private

☐ Public

☐ Community

Comments / Conditions: System is for an existing building looking to add a bedroom. Install on contour. Stay 10ft from water line. Do not drive, park or construct on septic area.

INITIAL SITE SKETCH

See attached 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 in two lines

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: Owner's signature Date: Installed by: Piedmont Backhoe

IMPROVEMENT PERMIT by: Matt Wells Date: 4/17/25 OPERATION PERMIT by: Cory Whitt Date: 11/5/25

AUTHORIZATION TO CONSTRUCT by: Matt Wells Date: 4/17/25 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? _____	

1:40

EH Data Collect

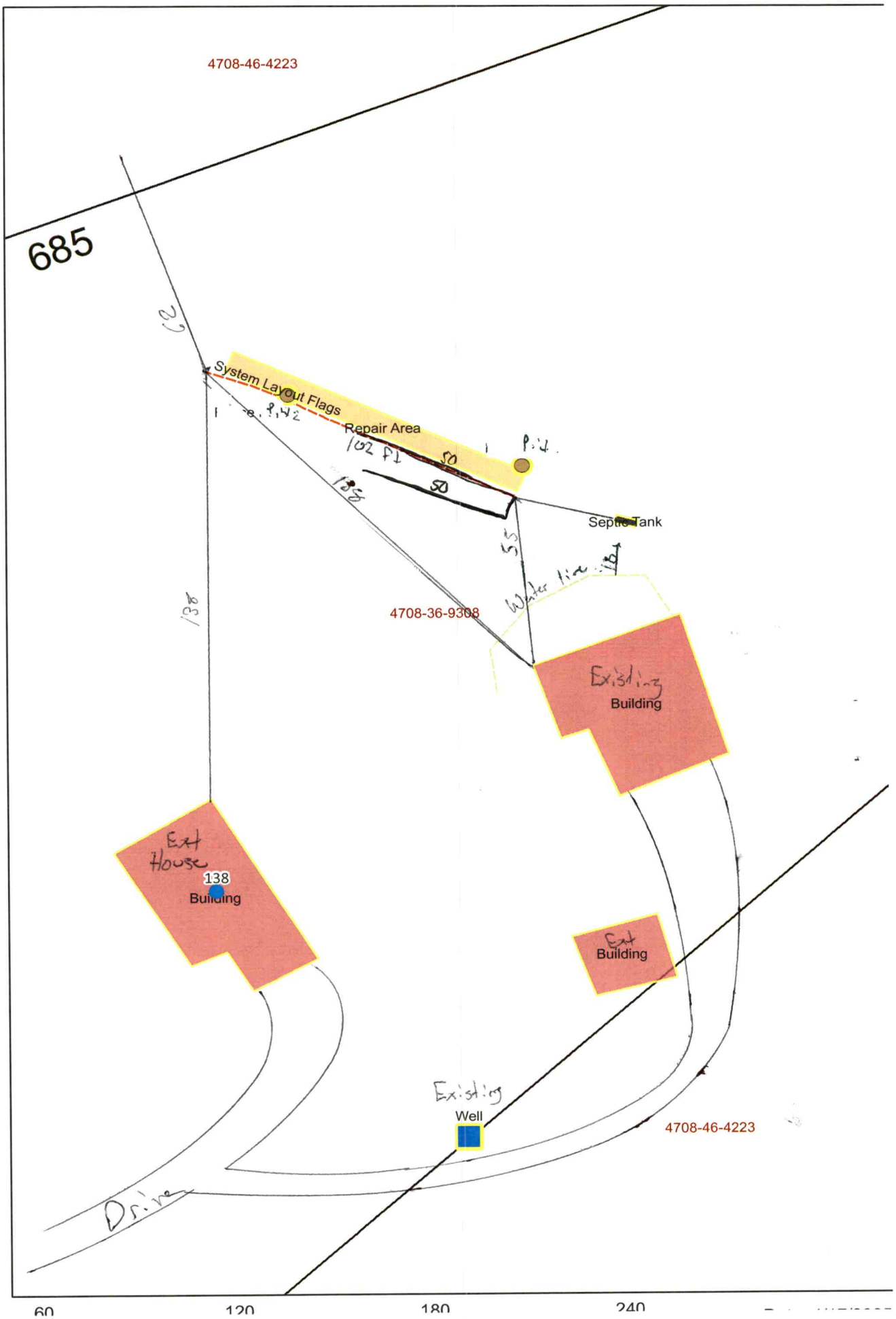
*IP data is highlighted in yellow and dashed lines.
*OP data is highlighted in green and solid lines.

Legend

- Property Corner
- Septic Tank
- Well
- Power Pole
- Utility Box
- Drainage Culvert
- Fence Post
- Tree
- Surface Rock
- Drain line
- Property line
- Driveway
- Ditch
- Gully
- Terrace
- Fence
- System Layout Flags
- Buried Utility line
- Measurement Taken
- Other
- Building
- Septic Tank
- Pump Tank
- Repair Area
- Well Area
- Complex Topo Area
- Pool
- Pond
- other
- House corner
- Property corner
- Well
- Tail line







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

PROPERTY ID #: 4708364308
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Heyward Lunsford DATE EVALUATED: 4/17/25
ADDRESS: 1336 Ridge Meadow Loop Stony Point, NC 28678
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): PROPERTY SIZE: 5.4AC
LOCATION OF SITE: 1336 Ridge Meadow Loop Stony Point 28678 PROPERTY RECORDED: yes
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 50ft
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 4%	0-41	L / 3BK	SS SP FI SE	-	48	-	-	5 .3	2
		41-48	CL / 3BK	SS SP FI SE						
2	LS 4%	0-33	L / 3BK	SS SP FI SE	-	48	-	-	5 .3	2
		33-48	CL / 3BK	SS SP FI SE						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	120	120
System Type(s)	25%	25%
Site LTAR	.3	.3
Maximum Trench Depth	36 in	32 in

SITE CLASSIFICATION (.0509): 5
EVALUATED BY: Matthew M
OTHER(S) PRESENT:

Comments:

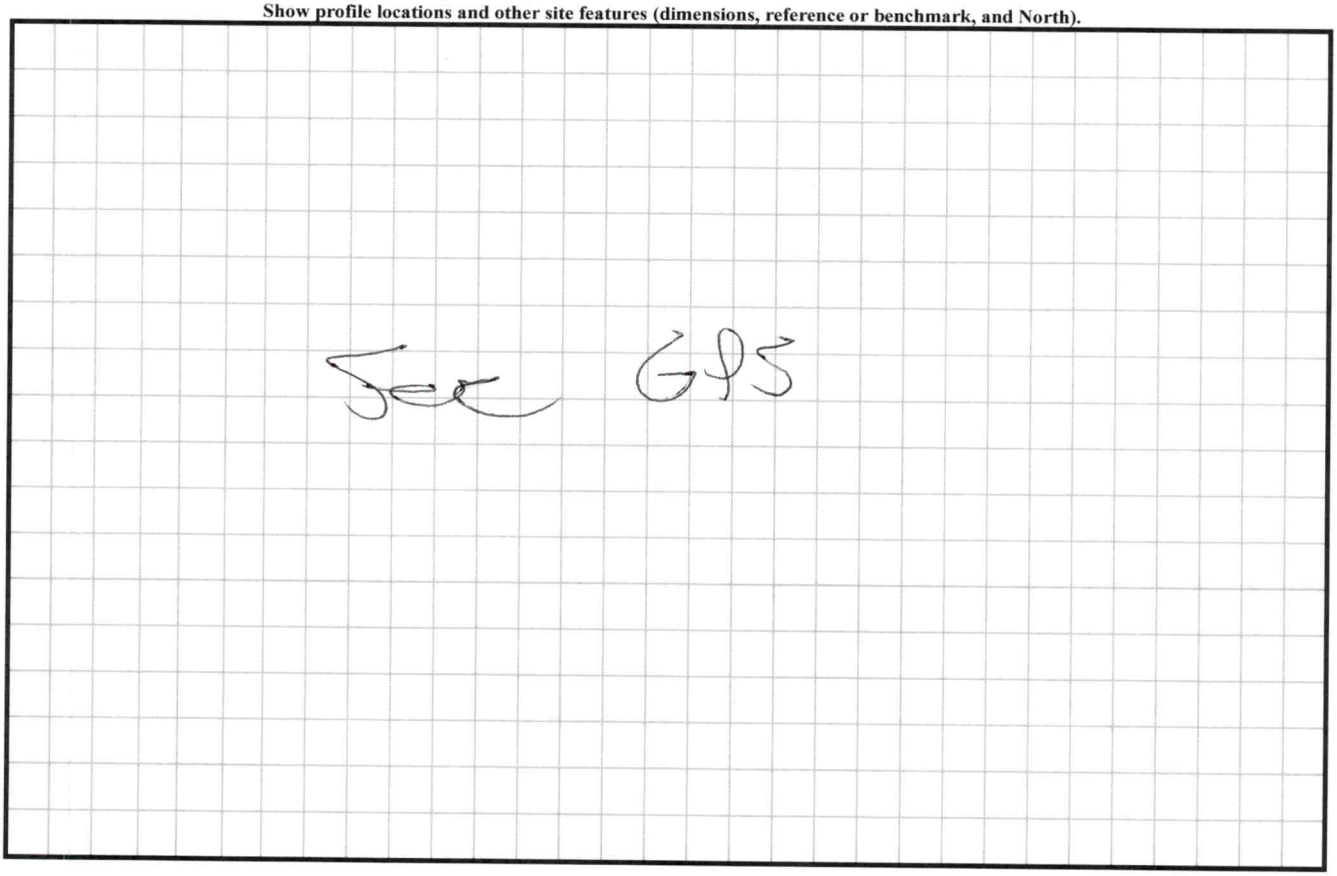
LEGEND

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-2025-73253 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	04/02/2025
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:**	Wilkinson, Matthew	**Approval Expire Date:**	
Description:	IP AND AC for existing farm building **NO ZONING NEEDED PER REBECCA**				

Parcel: 4708369308.000 Main	**Address:** 138 Ridge Meadow Loop Stony Point, NC 28678 Main	**Zone:** RU-R(Rural Residential District)

Property Owner	Applicant/Authorized Agent
Raymond S Lunsford	Raymond S Lunsford
138 Ridge Meadow Loop	138 Ridge Meadow Loop
Stony Point, NC 28678	Stony Point, NC 28678
Mobile: (704) 929-0781	Mobile: (704) 929-0781

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	30 X 48
What are the proposed structures	Accessory Building	Maximum Number of Bedrooms	0	If other Addition/Structure, please explain	
Number of Occupants	0	Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Residential
Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)	If other septic system type, please explain	
Permit type(s)	Authorization to Construct	Has this project been approved by TRC	No	Lot Acreage	5.137
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	WSIV PA SOUTH YADKIN		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Raymond_Lunsford_4/2/2025.jpg	04/02/2025 9:36	Lunsford, Raymond		Uploaded via CSS
20250402092650_v1.pdf	04/02/2025 9:50	Lunsford, Raymond	Available Online	
20250402092808_v1.pdf	04/03/2025 8:30	Lunsford, Raymond	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2025-295823	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	04/07/2025	04/07/2025 0:00	04/07/2025 0:00	04/07/2025 13:11	04/07/2025 13:11

Inspectors: Mravetz, Peter (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 called applicant and left a voice message to see if property is ready for me to inspect.	Peter Mravetz	04/04/2025 11:51

Invoice No.	Fee	Fee Amount	Amount Paid

PERMIT SNAPSHOT REPORT (OSWP-2025-73253)

INV-00043150	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00043150	$500.00	$500.00
		Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		04/02/2025 10:58	04/02/2025 10:59
Confirm application complete v.1	Generic Action		04/02/2025 10:59
~~**Zoning Review v.1**~~			04/02/2025 10:59
~~Floodplain Admin Overview v.1~~	Task		04/02/2025 10:59
~~Iredell County Zoning Approval v.1~~	Task		04/02/2025 10:59
~~Issue Invoice v.1~~	Generic Action		04/02/2025 10:59
~~Fees Paid v.1~~	Generic Action		04/02/2025 10:59
Fees v.1		04/03/2025 8:24	04/04/2025 8:31
Issue Invoice v.1	Generic Action		04/03/2025 8:24
Fees Paid v.1	Generic Action		04/04/2025 8:31
Lot Readiness Verification v.1		04/07/2025 13:10	
OSWP Septic Preliminary Site Visit v.1	Inspection	04/07/2025 13:10	04/07/2025 13:11
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		

45876

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / CERTIFICATE OF COMPLETION / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

DATE 6/23/93 TAX MAP NO. 14D-A-48

PROPERTY DESCRIPTION NO. 15596 PHONE: Business 878-4217 Home

OWNER OR CONTRACTOR SCOTT LUNSFORD

ADDRESS

LOCATION NC 90W, TR MIDWAY ROAD, TL HARRIS BRIDGE ROAD, 1ST DRIVE ON (R) PAST BRIDGE

SUBDIVISION BLOCK / SECTION LOT LOT AREA SITE CLASS. L.T.A.R.

Water Supply: ☑ Individual ☐ Community ☐ Public

Septic Tank: 1000 Gallons: STB 358 Date 8-14-93

Pump Tank: — Gallons: PT — Date —

Nitrification Field: No Fields 1 Square Feet 1200 Linear Feet 400

No Lines 4 Trench Width 36" Trench Depth 36" Gravel Depth 12"

☑ New System ☐ Repair System Type: I. II. III. IV. V. VI

System Description: CONV. GRAVITY

Repair System Description: CONV. GRAVITY

Maintenance Agreement Required: ☐ Yes ☑ No

☑ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

No. Bedrooms 3 No. Bathrooms 3 No. Employees

☐ Slab ☐ Crawl Space ☑ Basement w/plumbing ☐ Basement wo/plumbing

Garbage Disposal: ☐ Yes ☑ No

Auto. Dishwasher: ☐ Yes ☐ No

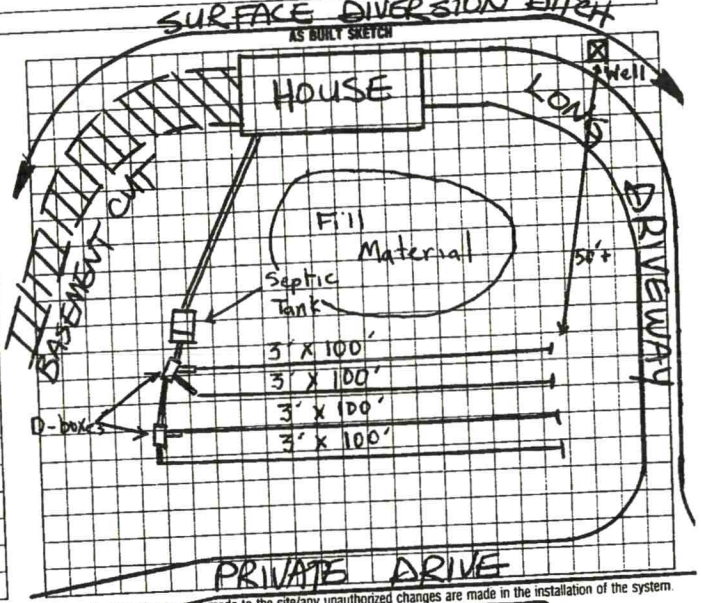
Auto. Washing Machine: ☑ Yes ☐ No

Other

Comments 100% Repair Area Across drive, conventional, gravity fed.

INITIAL SITE SKETCH

AS BUILT SKETCH



I understand that this 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. Improvement Permit is valid for 60 months from date of issuance.

Signed:

Improvement Permit by: STEVE HEDRICK date 12/18/92

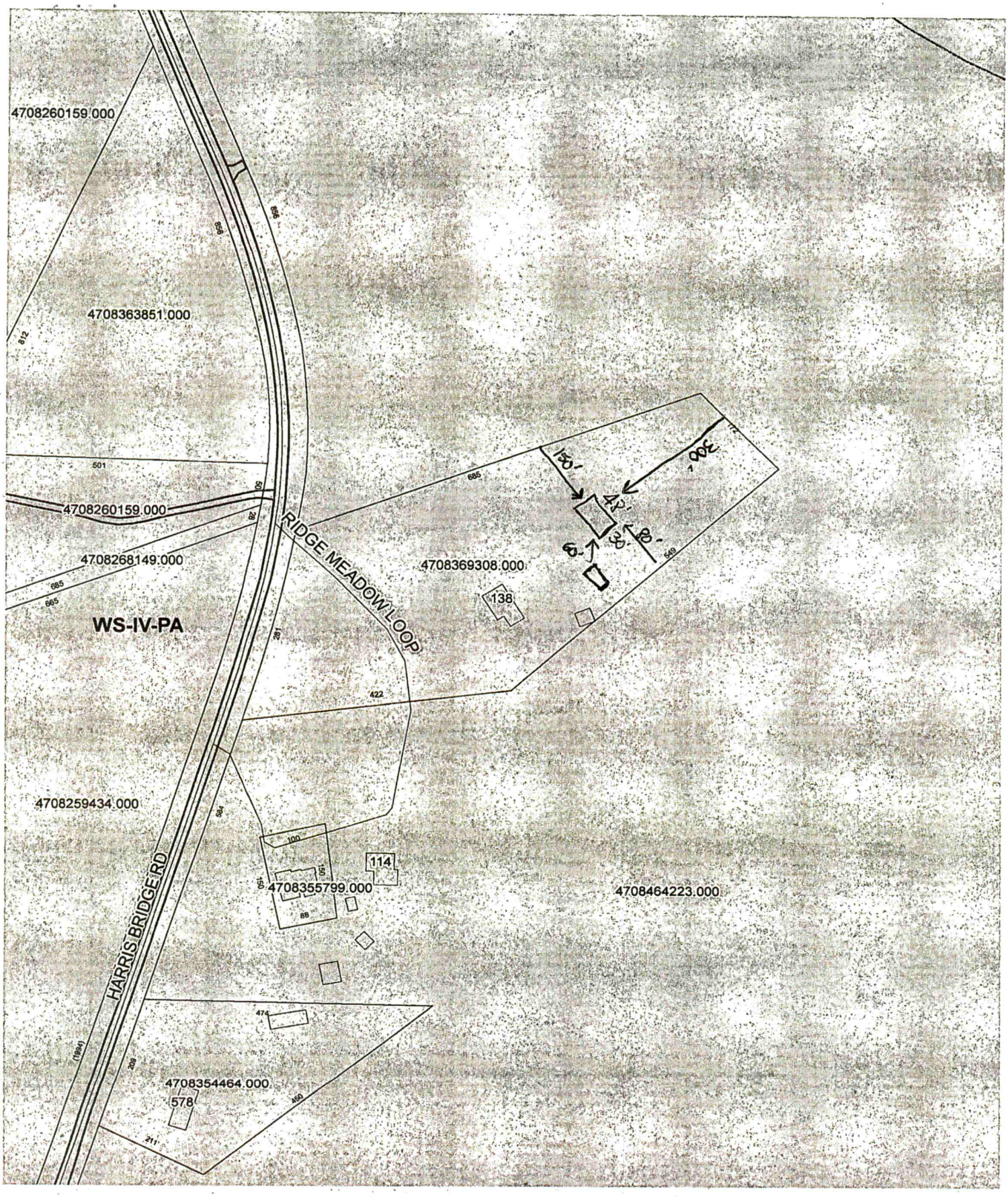
Existing System Inspection by: date

Installed by: A-1 BACKHOE 100% Repair Area 6

Certificate of Completion by: Michael J. Dennis date 8-23-93

Operation Permit by: date

HEALTH DEPT. COPY: WHITE INSPECTION COPY (FINAL): GREEN OWNER COPY (FINAL): YELLOW INSPECTION COPY (INITIAL): PINK OWNER COPY (INITIAL): GOLD


4708260159.000
4708363851.000
4708260159.000
4708268149.000
WS-IV-PA
RIDGE MEADOW LOOP
4708369308.000
138
4708259434.000
HARRIS BRIDGE RD
114
4708355799.000
4708464223.000
4708354464.000
578
150'
300'
43'
30'
80'
6'