ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BD

BLDR 2024-58804

PERMIT : OSWP - 2024-58802

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

PIN # 4870 - 20 - 8340, 2975

APPLICANT/OWNER: CHRIS GAITHER

APPLICANT ADDRESS: 117 BROOKHAVEN ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: 2975 HARMONY HIGHWAY, HARMONY, N.C. 28634

PHONE: 704-929-8491 ALT. PHONE —

SITE DIRECTIONS: (N) ON 77, (R) ON 21, LOT ON (L)

SAP CONTROLLED: [x] YES [ ] NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 4.685AC DESIGN FLOW: 120 GPD L.T.A.R.(Initial): 0.25 L.T.A.R (Repair): 0.25

Septic Tank	1000 (gal)	STB	6651	Date		[x] New System	[ ] Repair	[ ] Expansion	System Type: I (II) III IV V VI
Pump Tank	— (gal)	PT	—	Date	—	System Description:	CONVENTIONAL - GRAVEL		
Pump Make	—	Model	—	Serial #	—	Repair System Description:	CONVENTIONAL - GRAVEL		
# Nitrification Fields	1	# Lines	2	Linear Ft	160 FT	Maintenance Agreement Required:	[ ] YES	[x] NO	
Trench Width	36IN	*Max. Trench Depth(Initial)	32IN	*Max. Trench Depth(Repair)	32IN	Gravel Depth	12"	[x] GRAVITY	[ ] PRESSURE

* Measured on the downhill side of the trench

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

Usable Depth to LC (Initial): 53.5 IN

Usable Depth to LC (Repair): 53.5 Limiting Condition

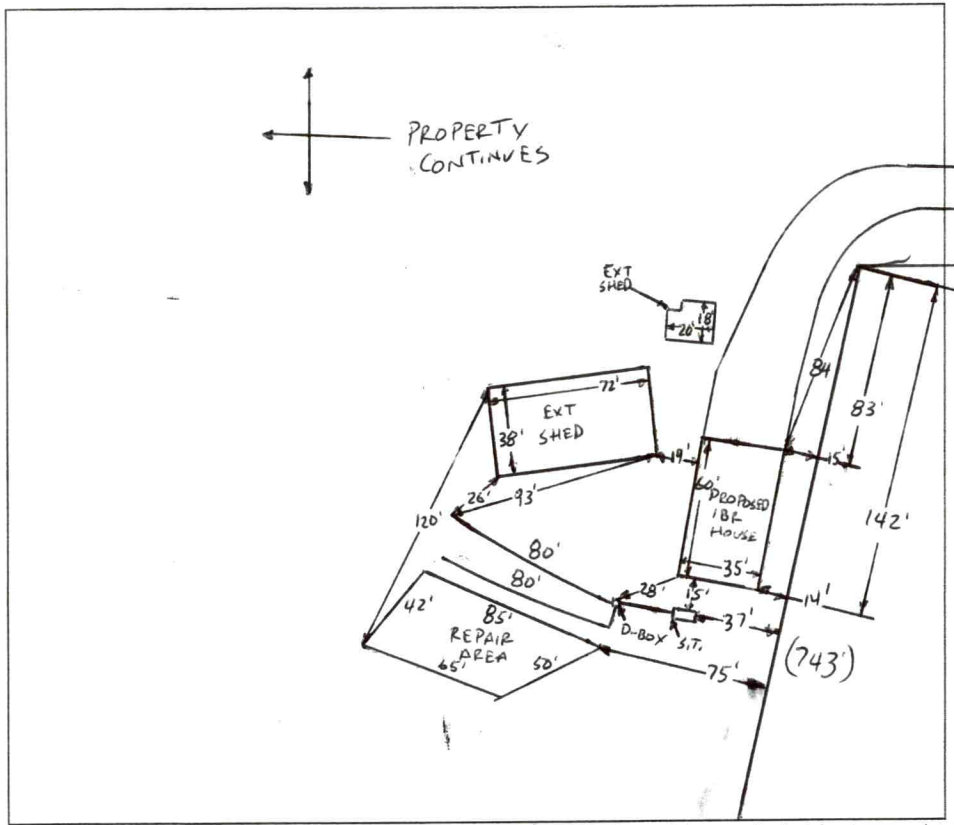
[x] Residence No. Bedrooms 1
[ ] Business No. Persons 2
[ ] Other No. Employees —
[x] Slab [ ] Crawl Space
[ ] Basement w/plumbing [ ] Basement w/o plumbing

Water Supply: [ ] Private [x] Public [ ] Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE D-BOX TO ACHIEVE EQUAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH (HIGHSIDE) INSTALL GRAVEL + PIPE

DO NOT SHALLOW UP

INITIAL SITE SKETCH

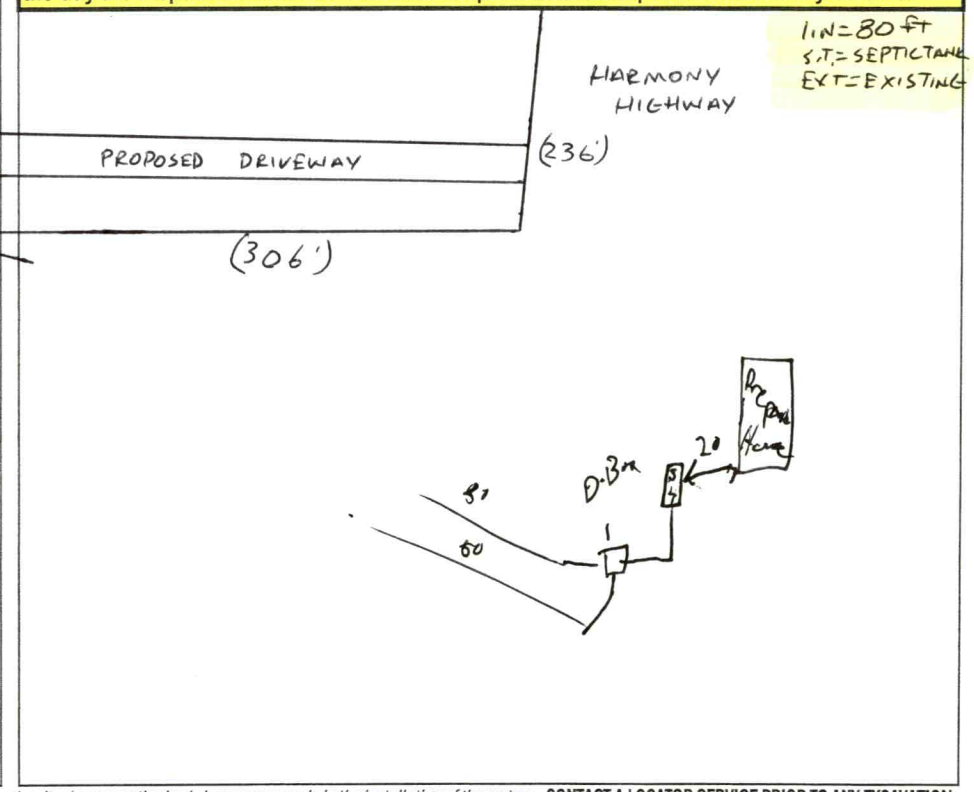


AS BUILT SKETCH

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.

1 IN = 80 FT
S.T. = SEPTIC TANK
EXT = EXISTING



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 SIGNATURE Date: — Installed by: All Backhoe

IMPROVEMENT PERMIT by: Bryant C. White Date: 8-29-2024 OPERATION PERMIT by: Matt Wilkie Date: 11/21/24

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 9-3-2024 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? _____	

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

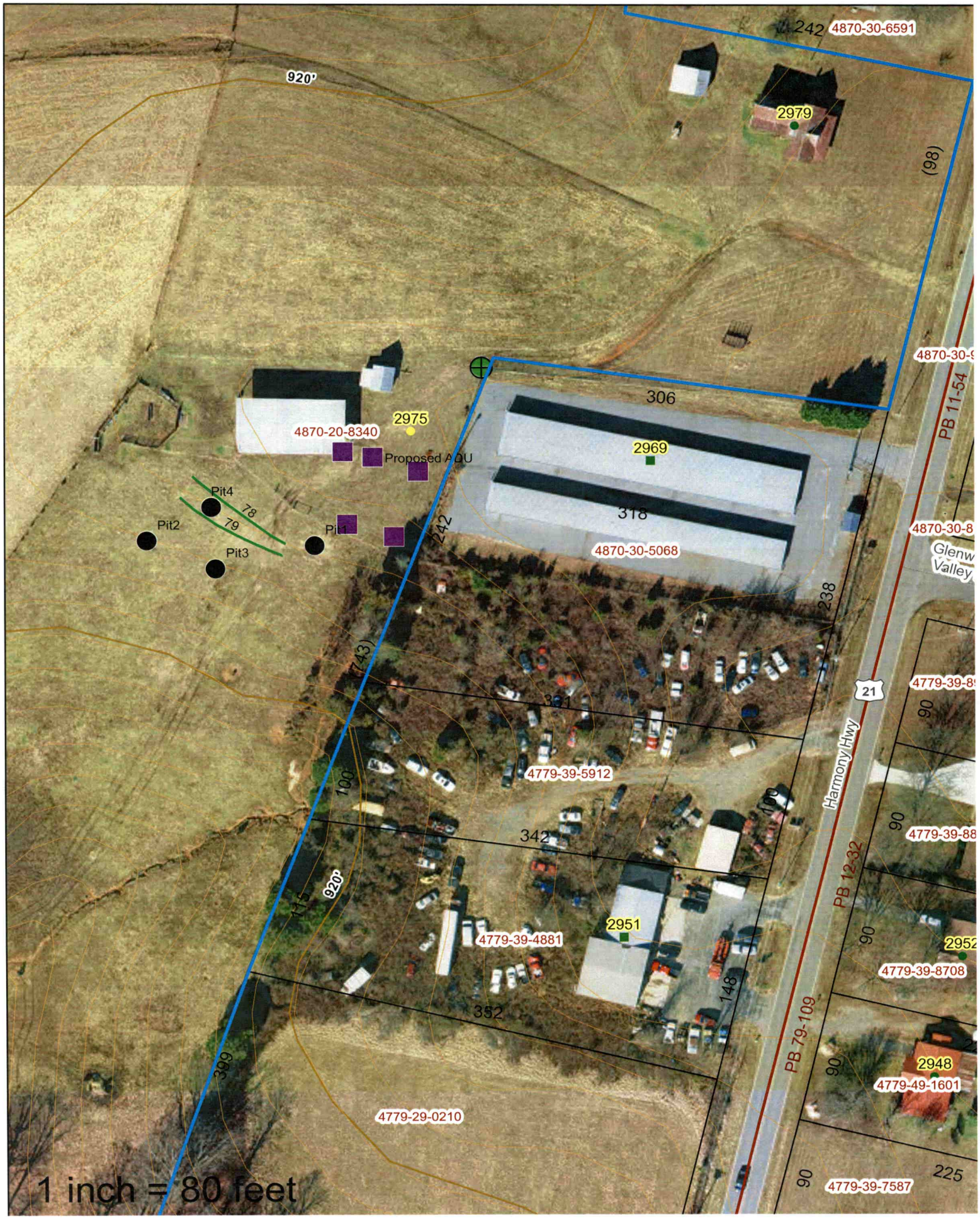
PROPERTY ID #: 4870-20-8340.2975
DATE OF EVALUATION: 8-22-2024
COUNTY: IREDELL

2975 HARMONY HIGHWAY, HARMONY, N.C. 28634

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	OTHER PROFILE FACTORS .0506 SOIL DEPTH	OTHER PROFILE FACTORS .0507 SAPRO CLASS	OTHER PROFILE FACTORS .0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	TOP of HEAD 10%	0-12	FILL	MIXED	Y/B MOTS 12"-26" 2.5Y 7/6 R/B MATRIX SAP. INC COMMON LITHO 54"+	54"	PS II L	NA	PS .275 @ 36"	4"
		12-31	C, ABK	FI, S, P, SEXP						
		31-54	CL, WABK	FR, SS, SP, SEXP						
		54-72	SAP. MAS	VFR, NS, NP, SEXP						
2	LINEAR SIDE 8%	0-8	PLOW	MIXED	-O.M. Y/B MOTS 2.5Y 6/6 10"-28" Y/B MATRIX SAP. INC COMMON LITHO-45"+	45"	PS II L	N/A	PS .25 @ 36"	3"
		8-28	C, ABK	FI, VS, P, SEXP						
		28-46	CL, WABK	FR, SS, SP, SEXP						
		45-66	SAP, MAS	VFR, NS, NP, SEXP						
3	LINEAR SIDE 12%	0-10	PLOW	MIXED	-O.M. Y/B MOTS 14"-30" Y/B MATRIX SAP. INC COMMON LITHO-49"+	49"	PS II L	NA	PS .25 @ 36	5"
		10-32	C, ABK	FI, VS, P, SEXP						
		32-49	CL, WABK	FR, SS, SP, SEXP						
		49-56	SAP. MAS	VFR, NS, NP, SEXP						
4	LINEAR SIDE 7%	0-11	PLOW	MIXED	-O.M Y/B MOTS 14"-20" R/B MATRIX SAP. INC COMMON LITHO 58"+	58"	PS II L	NA	PS .275" @ 36"	2.5"
		11-36	C, ABK	FI, VS, P, SEXP						
		36-58	CL, WABK	FR, SS, SP, SEXP						
		58-68	SAP, MAS	VFR, NS, NP, SEXP						

COMMENTS:

SEE
GPS


242
4870-30-6591
920'
2979
(98)
4870-30-9
306
PB 11-54
2975
4870-20-8340
Proposed AGU
2969
Pit4
78
79
Pit2
Pit1
Pit3
318
242
4870-30-5068
4870-30-8
Glenw
Valley
238
(743)
321
21
4779-39-8
90
4779-39-5912
100'
342
Harmony Hwy
PB 12-32
4779-39-88
920'
115'
2951
4779-39-4881
2952
4779-39-8708
352
148
PB 79-109
399'
2948
4779-49-1601
4779-29-0210
225
4779-39-7587
1 inch = 80 feet

PERMIT SNAPSHOT REPORT OSWP-2024-58802
FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	07/31/2024
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:**	White, Bryant	**Approval Expire Date:**	
Description:	Septic tank for utility building				

Parcel: 4870208340.000 Main	**Address:** 2975 Harmony Hwy Main Harmony, NC 28634	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Chris Gaither	Chris Gaither
117 BROOKHAVEN RD	117 BROOKHAVEN RD
STATESVILLE, NC 28625-9262	STATESVILLE, NC 28625-9262
Mobile: (704) 929-8491	Mobile: (704) 929-8491

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	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	20x40x11
What are the proposed structures	Accessory Dwelling	Maximum Number of Bedrooms	1	If other Addition/Structure, please explain	Metal building
Number of Occupants	1	Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Residential
Water Supply	Municipal Water	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		Permit type(s)	Authorization to Construct	Lot Acreage	46.85
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Aug 8 2024 12:00AM	Zoning Permit Expiration Date	Feb 4 2025 12:00AM
Is the structure or development in the floodplain	No	Zoning Notes/Addendums	Accessory Structure with living quarters: Must meet requirement R6 of the LDC. It shall be clearly subordinate to the principal structure or home. For detached dwelling units and those using separate septic and/or well systems, the minimum lot size shall be 2 times the minimum lot requirement for the district. Shall not be greater than 650 square feet. The accessory unit may be combined with a garage, workshop, etc. Must be owned by the same person who owns the principal dwelling or home. Shall not be served		by separate driveway from that of the principal dwelling or home. Must be located in the rear or side yard and meet rear and side yard setback requirements of a principal structure or home. Shall meet the height requirement of the zoning district.

PERMIT SNAPSHOT REPORT (OSWP-2024-58802)

Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active
Rebecca - Hold for Permit (Placehold	Rebecca Harper	08/01/2024 11:43	BLDR-2024-58804	Need distances and driveway location on site plan. Waiting on resubmittal. Applicant and contractor emailed on 8/1/24 with needed changes.	Yes

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Chris_Gaither_7/31/2024.jpg	07/31/2024 10:00	Gaither, Chris		Uploaded via CSS
Scan_20240722_v1.png	07/31/2024 12:36	Gaither, Chris	Available Online	
Plot Map #10_v1.pdf	08/07/2024 11:28	Gaither, Chris	Available Online	
plot map #9_v1.pdf	08/07/2024 14:52	Gaither, Chris	Available Online	
septic map #3_v1.pdf	08/07/2024 14:52	Gaither, Chris	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-238976	Requested	OSWP Septic/Well Preliminary Site Visit	08/13/2024	08/14/2024 0:00	08/14/2024 0:00		

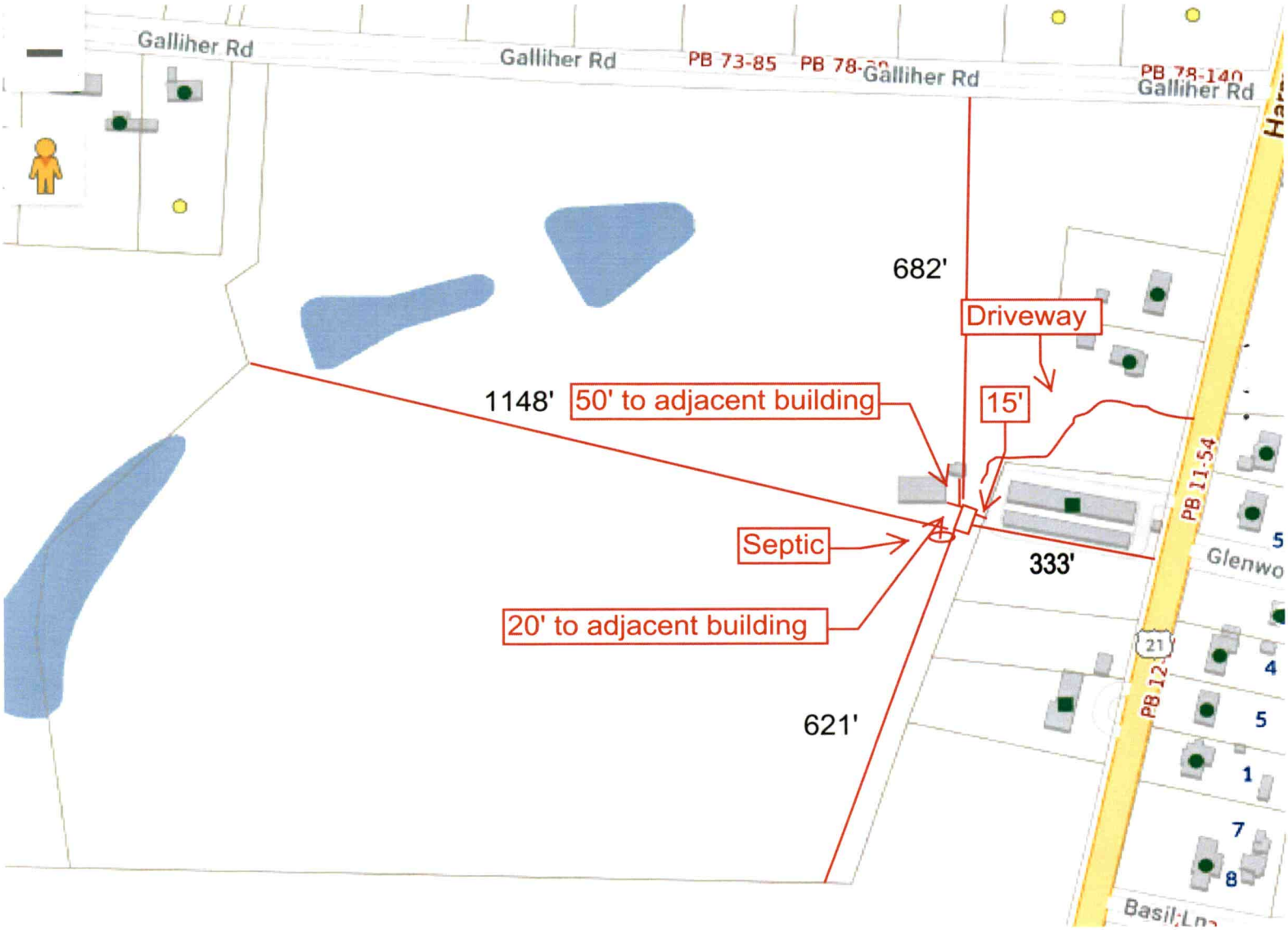
Inspectors: Fleming, Latasha (Primary)

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

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2024-58804	Residential Building	Accessory Dwelling Unit

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00034478	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-00034478	$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		08/07/2024 11:30	08/07/2024 11:30
Confirm application complete v.1	Generic Action		08/07/2024 11:30
Zoning Review v.1		08/07/2024 11:36	08/09/2024 8:26
~~Floodplain Admin Overview v.1~~	Task		08/07/2024 11:30
Iredell County Zoning Approval v.1	Task	08/07/2024 11:36	08/09/2024 8:26
Issue Invoice v.1	Generic Action		08/07/2024 11:36
Fees Paid v.1	Generic Action		08/09/2024 8:26
Fees v.1		08/07/2024 14:12	08/09/2024 8:06
Fees Paid v.1	Generic Action		08/09/2024 8:06
Issue Invoice v.1	Generic Action		08/07/2024 14:12
Lot Readiness Verification v.1		08/13/2024 10:18	
OSWP Septic Preliminary Site Visit v.1	Inspection	08/13/2024 10:18	08/13/2024 10:18
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		


Galliher Rd
Galliher Rd
PB 73-85
Galliher Rd
Galliher Rd
682'
Driveway
1148'
50' to adjacent building
15'
PB 11-54
Septic
333'
20' to adjacent building
621'
21
4
5
1
7
8