ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BM

BLDR-2024-57672

PERMIT: OSWP 2024-51238

PIN # 4723-94-3433

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

APPLICANT/OWNER: Samantha B Benitez | APPLICANT ADDRESS: 256 Hemlock Rd Cleveland, NC 27013

SITE ADDRESS: 198 Arey Rd Statesville NC 28677 | PHONE: (980) 635-6165 | ALT. PHONE (980) 635-6165

SITE DIRECTIONS: Buffalo Shoals to Arey Site on Right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - | SECTION: - | LOT # - | LOT AREA: 2.54 | DESIGN FLOW: 360 | L.T.A.R.(Initial): .30 | L.T.A.R (Repair): .30

Septic Tank 1000 (gal) | STB 760 | Date -

Pump Tank - (gal) | PT - | Date -

Pump Make - | Model - | Serial # -

Nitrification Fields 1 | # Lines 4 | Linear Ft 300

Trench Width 36in | *Max. Trench Depth(Initial) 30in | *Max. Trench Depth(Repair) 30in | Gravel Depth -

* Measured on the downhill side of the trench

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

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

System Description: Gravity - 25% Reduction

Repair System Description: Gravity - 25% Reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

Usable Depth to LC (Initial): 48+

Usable Depth to LC (Repair): 48+

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

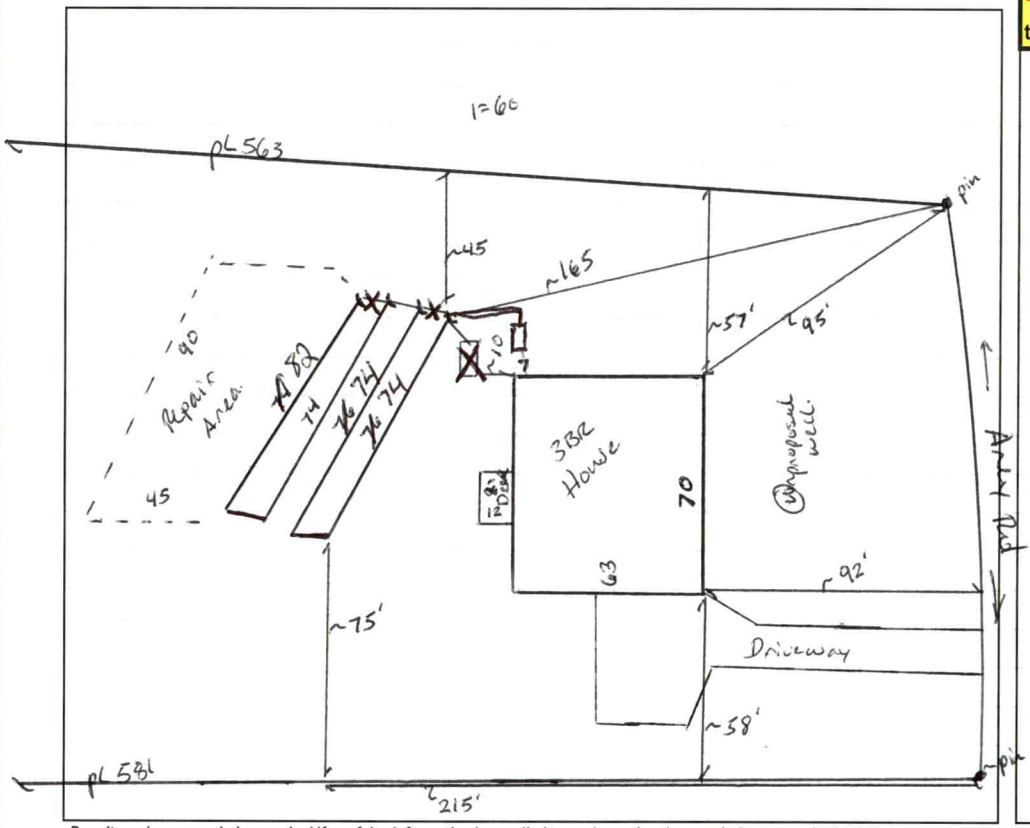
No. Bedrooms 3 | No. Persons 6 | No. Employees - | ☒ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Limiting Condition

Comments / Conditions: Install Septic Drainlines on the contour of the land and utilize Serial Distribution. Do not exceed max depth of 36 inches. Do not Drive pave, pave, grade or bury utilities in Drainfield Areas.

INITIAL SITE SKETCH



AS BUILT SKETCH

Installed as Drawn

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: _____ Date: _____ Installed by: Derek Drye Cog Hill

IMPROVEMENT PERMIT by: Benjamin A Beam Date: 6/10/2024 OPERATION PERMIT by: _____ Date: _____

AUTHORIZATION TO CONSTRUCT by: Benjamin A Beam Date: 6/10/2024 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? _____	

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

PROPERTY ID #: 4723944343
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Bennett DATE EVALUATED: 6/7/2024
ADDRESS: 256 Hudson Rd Cleveland NC.
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 2-5 Ac.
LOCATION OF SITE: 198 Any PROPERTY RECORDED: Yes
WATER SUPPLY: Public / Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: ~~100~~ 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	Linear Side. 9%.	0-36 36-50	C ABk CL WSBk	SS Sp FR SPl SS Sp FR	2.5YR 4/6	50	-	NA Some Common C. Mn in CL Layer	PS .30	9%
2	Linear 8%.	0-30 30-52	C ABk CL WSBk	SS Sp FR SPl SS Sp FR	2.5YR 4/6	52 Some Common Mn	-	NA	PS .30	Slight
3	Linear 8%.	0-32 32-50	C ABk CL WSBk	SS Sp FR SPl SS Sp FR	2.5YR 4/6	50		NA	PS .30	Slight
4	Linear 8%.	0-34 34-50	C ABk CL WSBk	SS Sp FR SPl SS Sp FR	2.5YR 4/6.	50	None	Cliff Some Cmn Mn Bdy.	PS .30	Slight

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	500	300
System Type(s)	~~II~~ III	~~II~~ III
Site LTAR	.30	.30.
Maximum Trench Depth	33	33

SITE CLASSIFICATION (.0509): PS.
EVALUATED BY: Bottoms
OTHER(S) PRESENT: —

Comments: _____

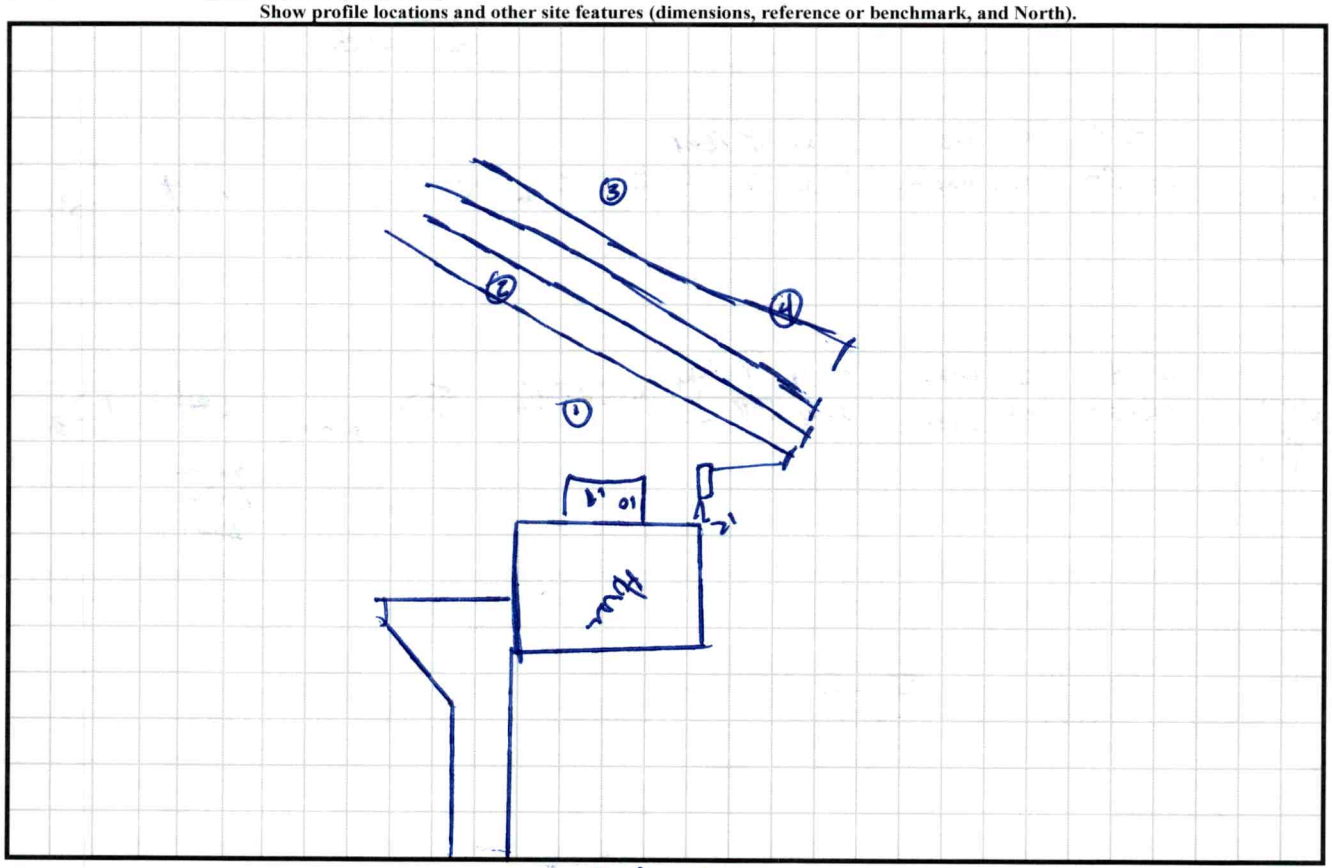
LEGEND

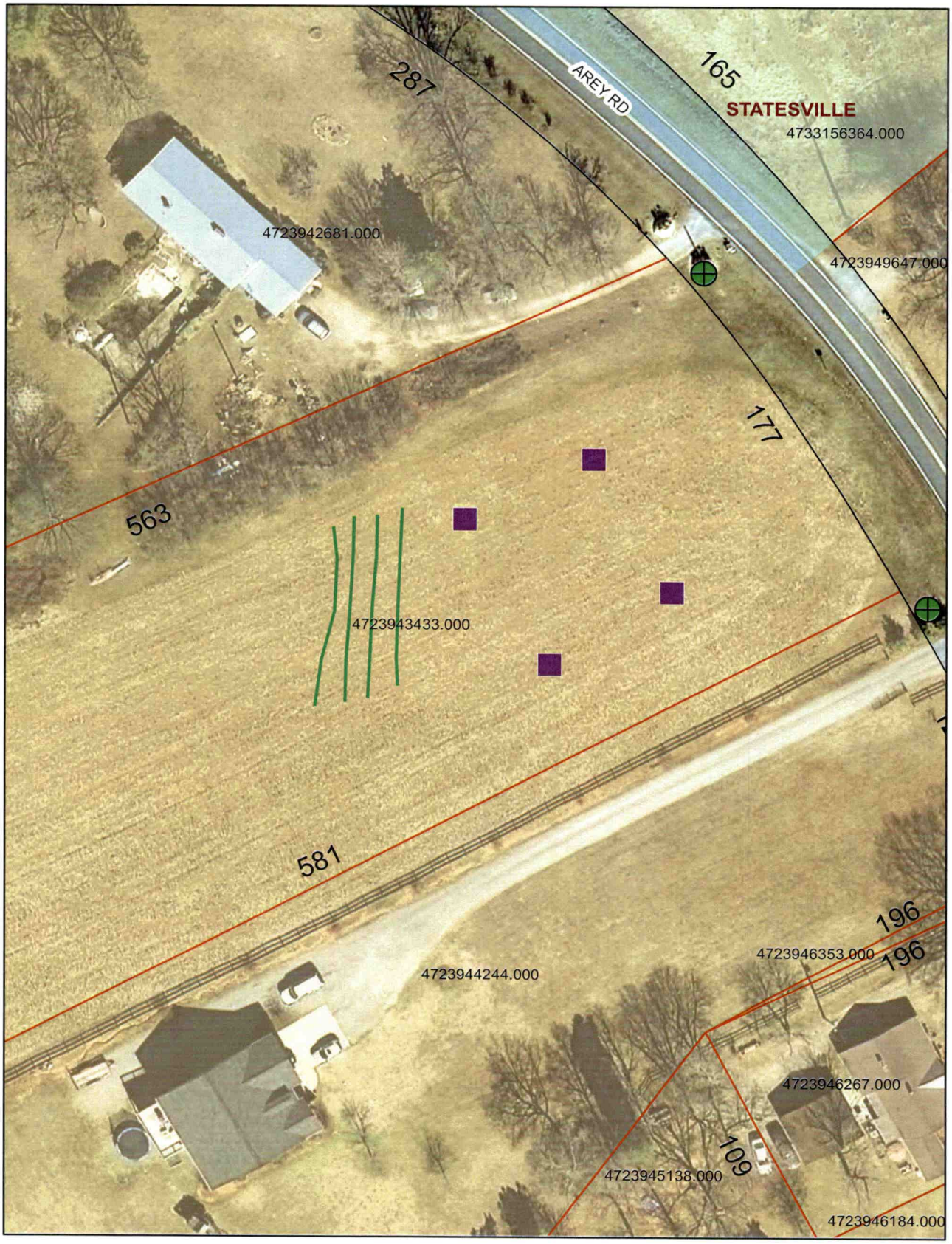
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)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




287
AREY RD
165
STATESVILLE
4733156364.000
4723942681.000
4723949647.000
177
563
4723943433.000
581
196
196
4723946353.000
4723944244.000
4723946267.000
109
4723945138.000
4723946184.000

PERMIT SNAPSHOT REPORT OSWP-2024-51238 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	04/14/2024
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:**	Botkins, Ben	**Approval Expire Date:**	

Description: We need a perc test for new home and septic. Client said property will be surveyed in May, will call when complete. 4/30/24- BM

Parcel: 4723943433.000 Main	**Address:** 198 Arey Rd Main Statesville, NC 28677	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent
Samantha B Benitez
256 Hemlock rd
Cleveland, NC 27013
Business: (980) 635-6165
Mobile: (980) 635-6165

Property Owner
JEFFREY M AREY
2215 JOSE CIR S
JACKSONVILLE, FL 32217

Applicant/Authorized Agent
JUAN M+SAMANTHA M BENITEZ

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	58-3, 70-0 58-3, 70-0
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	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Number of Employees	1	Water Supply	New Well
Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No	Lot Acreage	2.54
Front Setback	35	Back Setback	35	Left Setback	15
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	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Samantha_Benitez_4/14/2024.jpg	04/14/2024 13:29	Benitez, Samantha		Uploaded via CSS
Juan & Samantha Benitez, DOC TO AUTHORIZE AN OWNER 3_18_v1.pdf	04/15/2024 14:07	Benitez, Samantha	Available Online	
Doc Apr 21, 2024, 11_24_v1.pdf	04/22/2024 8:37	Benitez, Samantha	Available Online	
Doc Apr 20, 2024, 20_40_v2.pdf	04/22/2024 8:38	Benitez, Samantha	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-218653	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/30/2024			05/30/2024 15:02	05/30/2024 15:02

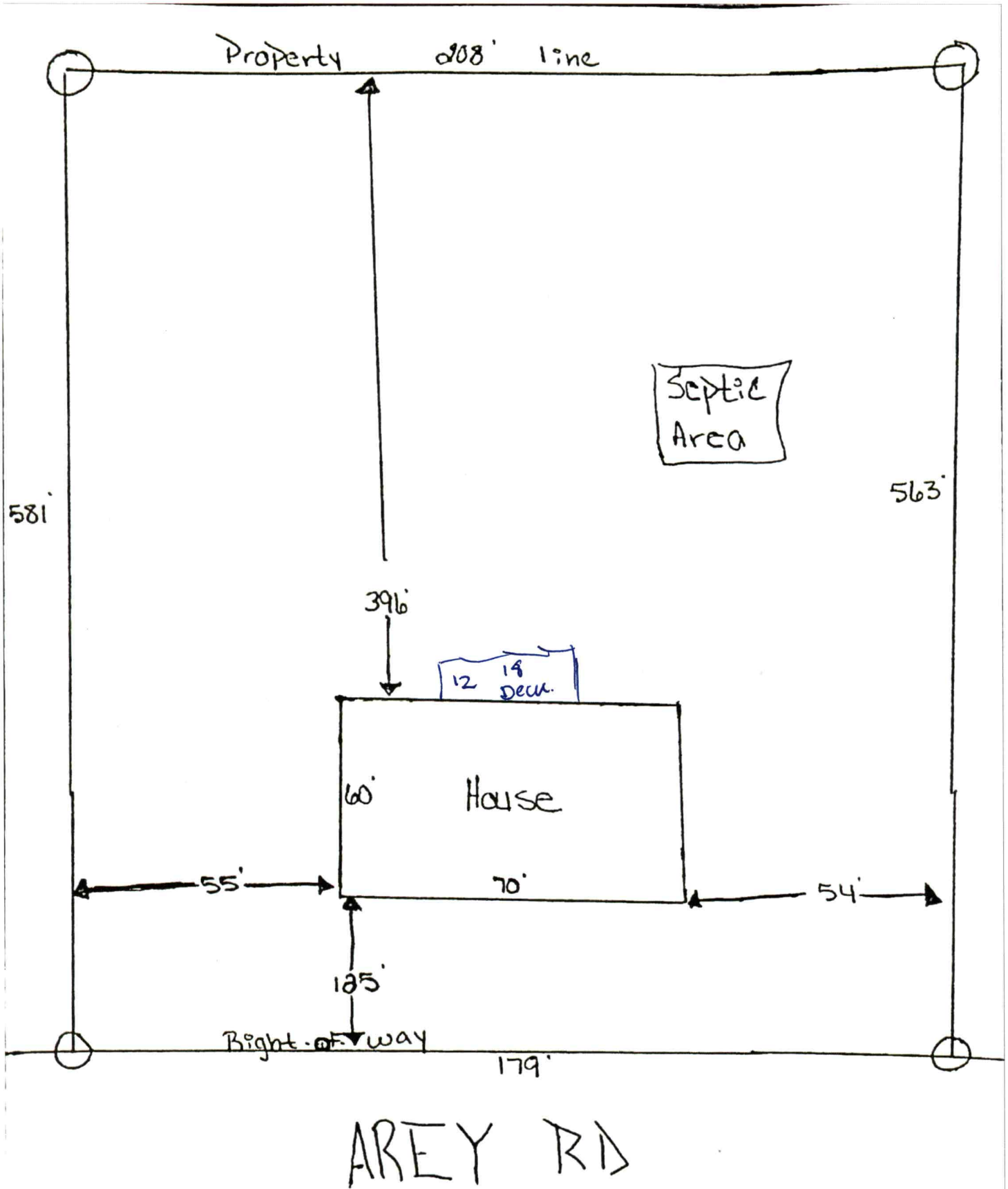
Inspectors: Moore, Bradley (Primary)

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

PERMIT SNAPSHOT REPORT (OSWP-2024-51238)

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00029886	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-00029886	$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		04/15/2024 14:08	04/15/2024 14:09
Confirm application complete v.1	Generic Action		04/15/2024 14:09
Fees v.1		04/29/2024 7:34	04/29/2024 7:34
Issue Invoice v.1	Generic Action		04/29/2024 7:34
Fees Paid v.1	Generic Action		04/29/2024 7:34
Zoning Review v.1		04/22/2024 8:39	04/29/2024 10:43
~~Floodplain Admin Overview v.1~~	Task		04/15/2024 16:44
Iredell County Zoning Approval v.1	Task	04/22/2024 8:39	04/29/2024 10:43
Issue Invoice v.1	Generic Action		04/22/2024 8:40
Fees Paid v.1	Generic Action		04/29/2024 7:34
Lot Readiness Verification v.1		05/30/2024 15:02	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/30/2024 15:02	05/30/2024 15:02
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		


Property
808'
line
Septic
Area
581'
563'
396'
12
14
Decu.
60'
House
55'
70'
54'
185'
Right of way
179'
AREY RD