BLDR-2023-16751

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-14578

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

PIN # 4711 -- 54 -- 9960

APPLICANT/OWNER: Jimmy Gentry APPLICANT ADDRESS: 156 Kingswood Road, Statesville, NC 28625

SITE ADDRESS: 211 Braxton Dr, Statesville, NC 28677 PHONE: 704-902-1535 ALT. PHONE 704-876-2440

SITE DIRECTIONS: (L) Buffalo Shoals, (L) Pineville, (R) Braxton SAP CONTROLLED: ☐ YES ☑ NO

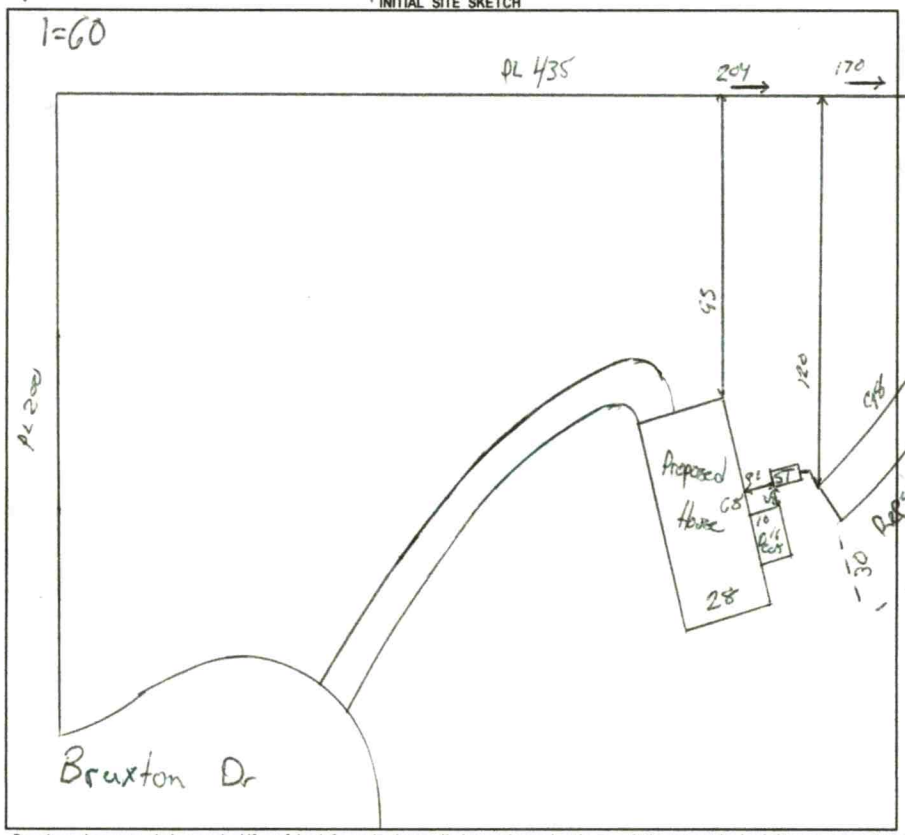
SUBDIVISION: - SECTION: - LOT # - LOT AREA: 4.611 Ac DESIGN FLOW: 240 L.T.A.R.: .3

Septic Tank	1000	(gal)	STB 960	Date	7-11-23	☑ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms 2
Pump Tank		(gal)	PT	Date		System Description:	25% Reduction - Serial	☐ Business	No. Persons 4
Pump Make		Model		Serial #		Repair System Description:	25% Reduction - Serial	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	2	Linear Ft	200	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space
Trench Width	36 in	Trench Bottom Depth	36 in max	Gravel Depth	N/A		☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

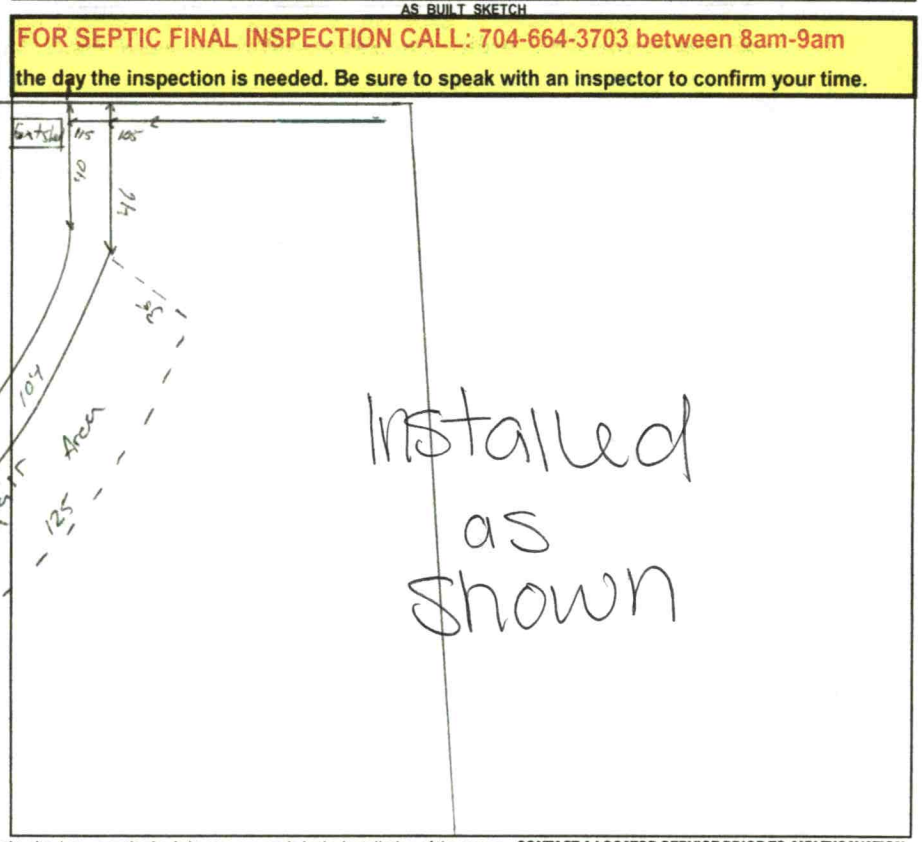
Comments / Conditions: Install on contour with 4ft on center. Place tank 5ft off deck and 10ft off house. Do not drive park or construct on septic area.

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.



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 Signature Date: Installed by: Craig Thompson

IMPROVEMENT PERMIT by: Matt Wiri Date: 2/17/23 OPERATION PERMIT by: Sydney Holland Date: 8/25/23

AUTHORIZATION TO CONSTRUCT by: Matt Wiri Date: 2/17/23 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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? _____	

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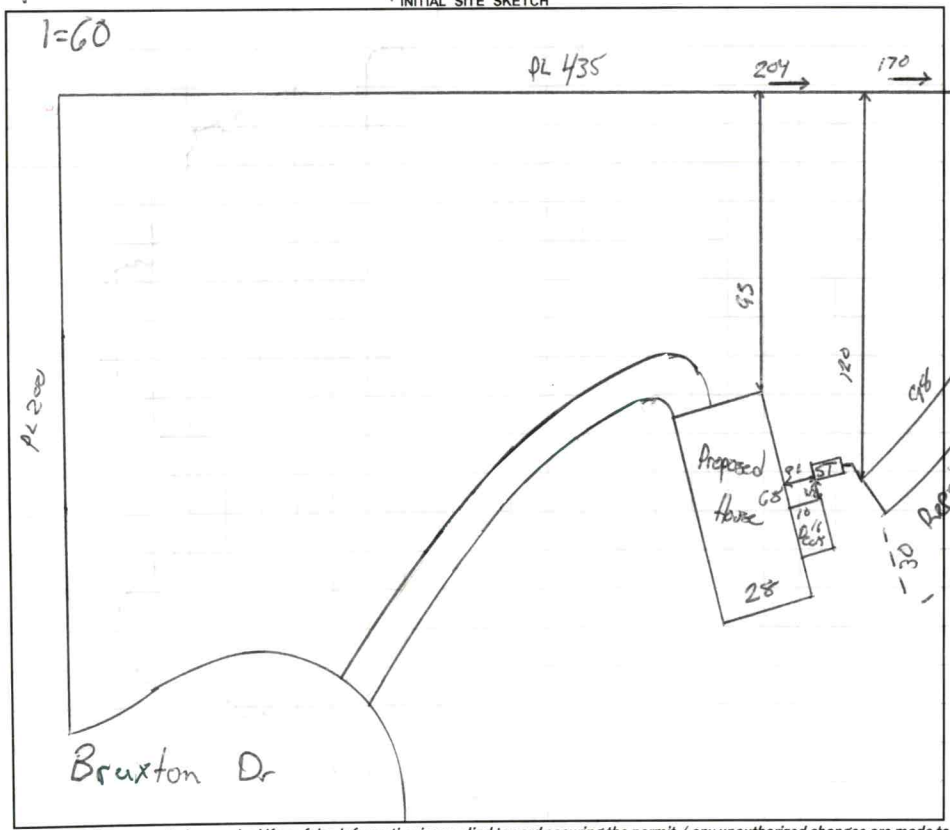
SITE DIRECTIONS: (L) Buffalo Shoals, (L) Pineville, (R) Braxton SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 4.611 Ac DESIGN FLOW: 240 L.T.A.R.: .3

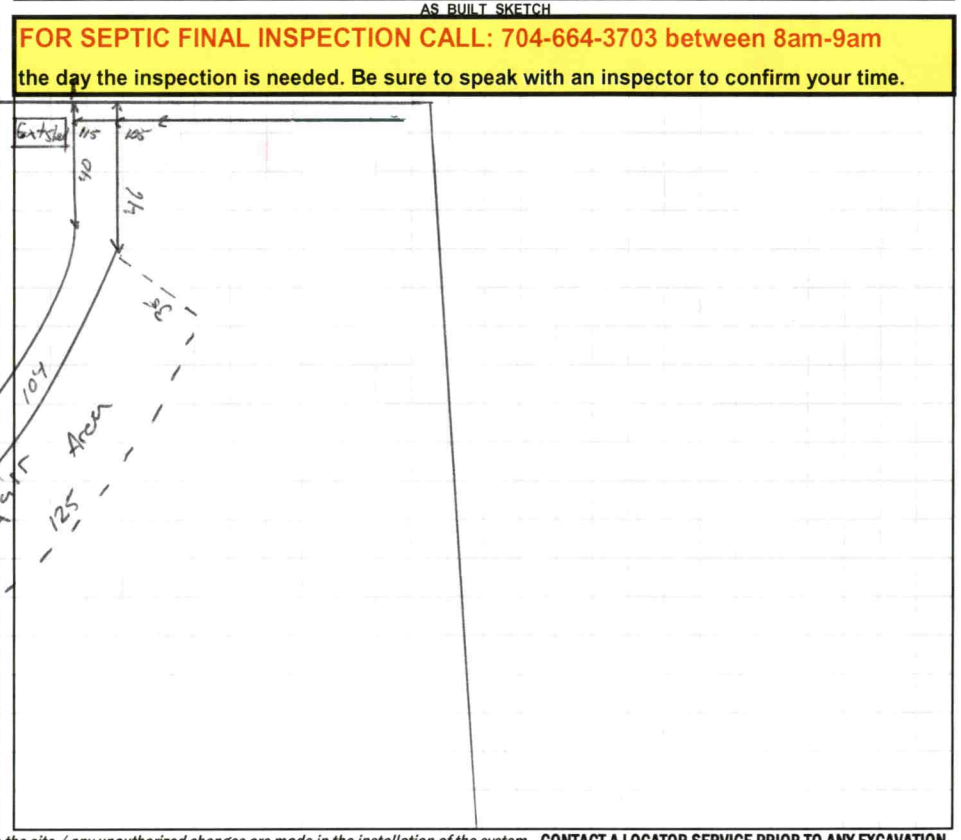
Septic Tank	1000	(gal)	STB		Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms	2	Water Supply		
Pump Tank		(gal)	PT		Date	System Description:	25% Reduction - Serial			☐ Business	No. Persons	4	☑ Private		
Pump Make		Model			Serial #	Repair System Description:	25% Reduction - Serial			☐ Other	No. Employees		☐ Public		
# Nitrification Fields	1	# Lines	2		Linear Ft 200	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		☐ Community		
Trench Width	36 in	Trench Bottom Depth(low side)		36 in max	Gravel Depth NA		☑ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing			☐ Basement w/o plumbing		

Comments / Conditions: Install on contour with 4ft on center. Please tank 5ft off deck and 10ft off house. Do not drive park or construct on septic area.

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AS BUILT SKETCH



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Owner / Applicant Signature: Online Signature Date: Installed by:

IMPROVEMENT PERMIT by: Matt Winn Date: 2/17/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Matt Winn Date: 2/17/23 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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

Sheet 1 of 1
PROPERTY ID #: 471545940
COUNTY: Iredell

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

OWNER: Jimmy Gentry
ADDRESS: 156 Kingsweed
PROPOSED FACILITY: SFR
LOCATION OF SITE: 211 Brenton
WATER SUPPLY: Private Public (Well) Spring Other
EVALUATION METHOD: Auger Boring (Pit) Cut

APPLICATION DATE: 1/24/23
PROPOSED DESIGN FLOW (.1949): 240
DATE EVALUATED: 2/10/23
PROPERTY SIZE: 4.6 AC
PROPERTY RECORDED: yes

TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 6%	0-6	SCL/Gr	MS np fr SE	–	48	Sap inclusions 45+	Rocks throughout SCL	PS .3
		6-27	C/SBK	SS sp fr SE					
		27-48	CL/SBK	SS sp fr SE					
2	LS 7%	0-6	SCL/Gr	MS np fr SE	–	46	Sap inclusions begin at 36	–	PS .3
		6-25	C/SBK	SS sp fr SE					
		25-48	CL/SBK	SS sp fr SE					
3	LS 6%	0-25	C/SBK	SS sp fr SE	–	60	Sap begin at	–	PS .3
		25-50	CL/SBK	SS sp fr SE					
4	LS 6%	0-6	SCL/Gr	MS np fr SE	–	48	Sap inclusions at 39	–	PS .3
		6-30	C/SBK	SS sp fr SE					
		30-48	CL/SBK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	240	240
System Type(s)	75%	75%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew Wilkinson
OTHER(S) PRESENT: Cory W

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None	None	EFI (Extremely Firm)	

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

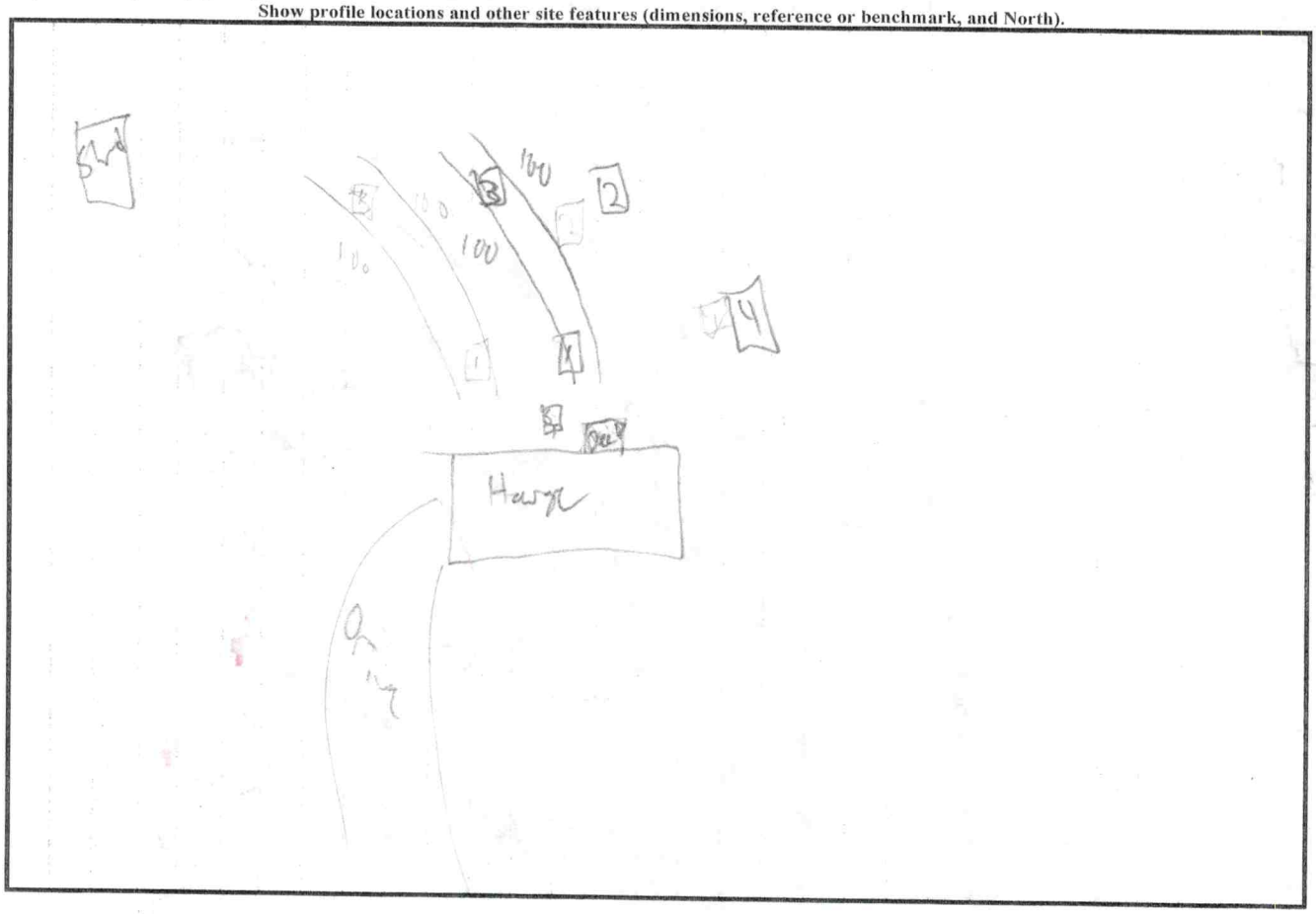
NOTES

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)
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), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



Acknowledgement Of
Plans Submittal ONLY!
Date 2/17/23

MAIN FLOOR PLAN
SCALE: 1/4" = 1'-0"
LIVING AREA: 1232 sq.ft.
GARAGE AREA: 576 sq.ft.

Name	Count	Size	Operating Hardware	Low-E Glass	Tempered	Obscure	Screen
Double Fixed	1	2'-0" x 6'-0"		No	No	No	No
Double Fixed	11	2'-0" x 6'-0"		Yes	No	No	No
Garden Window	1	2'-0" x 4'-0"		Yes	No	No	No
Garden Window	1	2'-0" x 5'-0"		Yes	No	No	No
Sliding Door	2	5'-0" x 6'-0"		Yes	Yes	No	Yes
Sliding Door	1	6'-0" x 6'-0"		Yes	Yes	No	Yes
Transom	1	2'-0" x 1'-0"		Yes	No	No	No
Transom	1	3'-0" x 1'-0"		Yes	No	No	No
Transom	1	4'-0" x 1'-0"		Yes	No	No	No
Transom	1	5'-0" x 1'-0"		Yes	No	No	No
Transom	1	6'-0" x 1'-0"		Yes	No	No	No
Transom	1	7'-0" x 1'-0"		Yes	No	No	No
Transom	1	8'-0" x 1'-0"		Yes	No	No	No
Transom	1	9'-0" x 1'-0"		Yes	No	No	No
Transom	1	10'-0" x 1'-0"		Yes	No	No	No
Transom	1	11'-0" x 1'-0"		Yes	No	No	No
Transom	1	12'-0" x 1'-0"		Yes	No	No	No
Transom	1	13'-0" x 1'-0"		Yes	No	No	No
Transom	1	14'-0" x 1'-0"		Yes	No	No	No
Transom	1	15'-0" x 1'-0"		Yes	No	No	No
Transom	1	16'-0" x 1'-0"		Yes	No	No	No
Transom	1	17'-0" x 1'-0"		Yes	No	No	No
Transom	1	18'-0" x 1'-0"		Yes	No	No	No
Transom	1	19'-0" x 1'-0"		Yes	No	No	No
Transom	1	20'-0" x 1'-0"		Yes	No	No	No

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Floor Plan

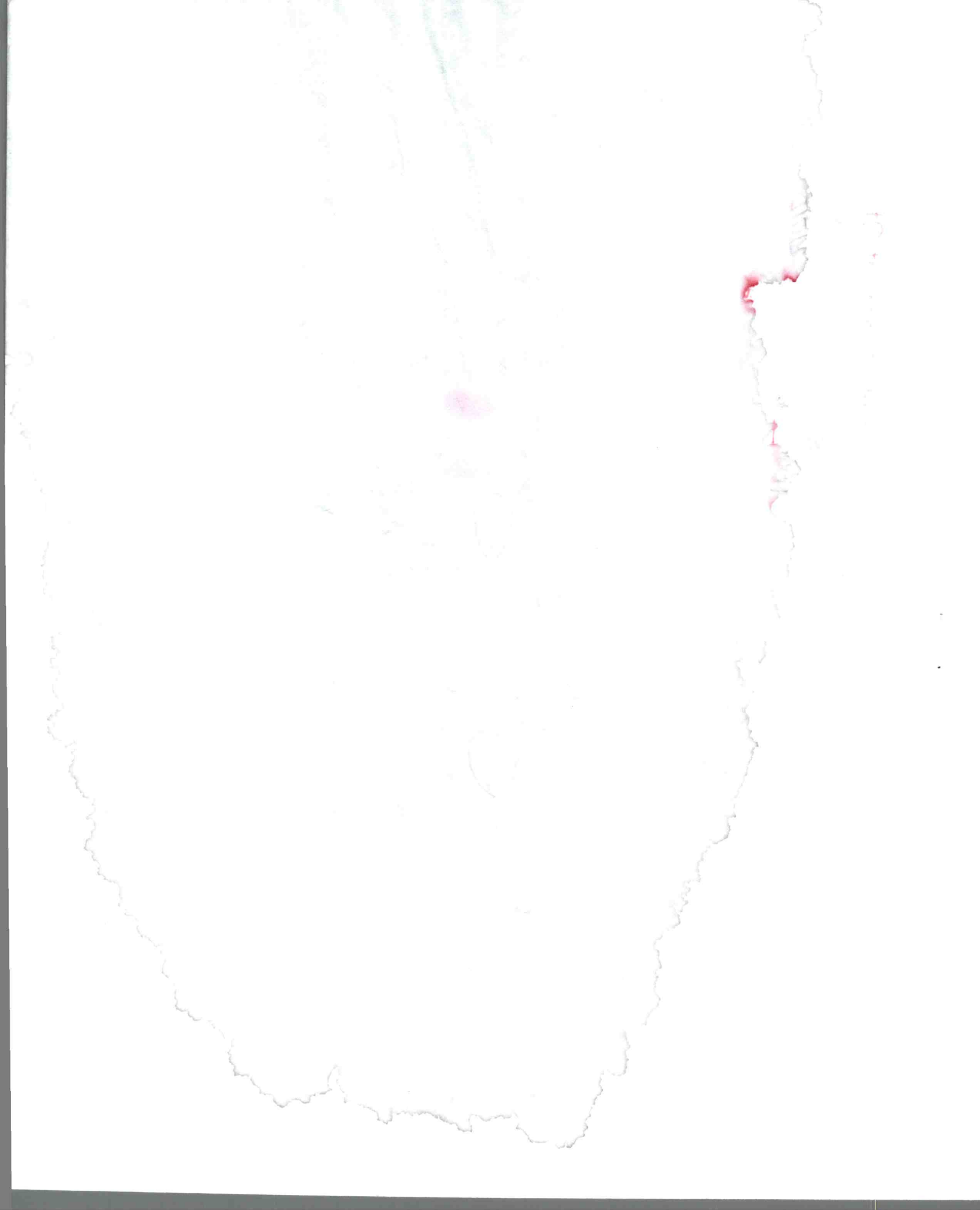
PLAN NO. 561230
SHEET NO. A2

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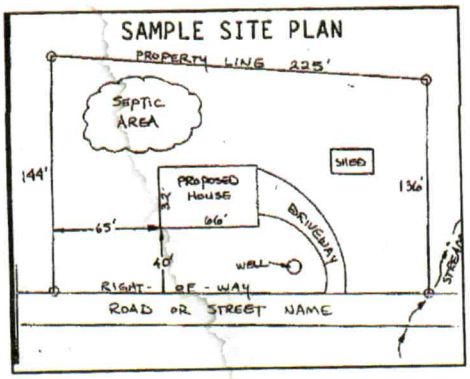
DESIGN BY: AMM/MAG | DATE: 4/17/2022
DRAWN BY AMM/MAG | REVISED:



IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. ***INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!***



Place an (X) beside each item as you complete the site plan:

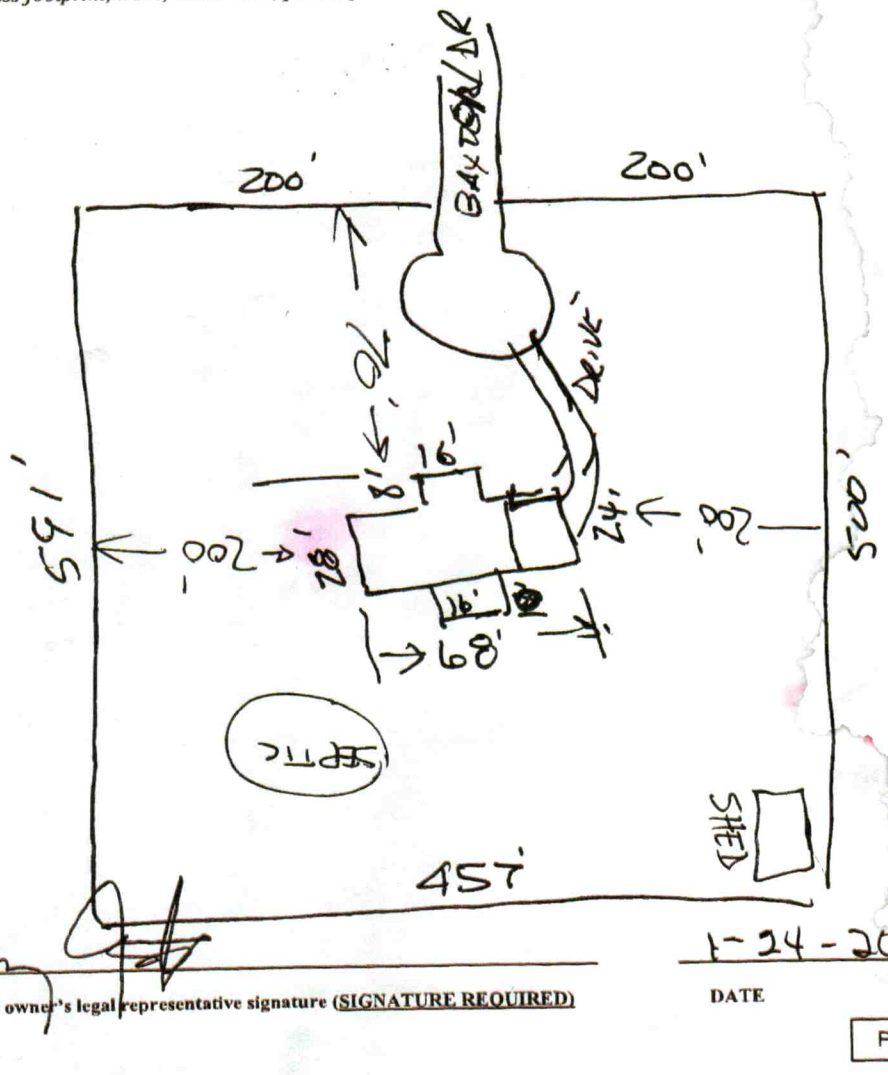
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- ( ) North arrow, or other sufficient indicator of direction

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property N/A
Location of easements and rights of ways on your property N/A
Location of any designated wetlands on the property N/A

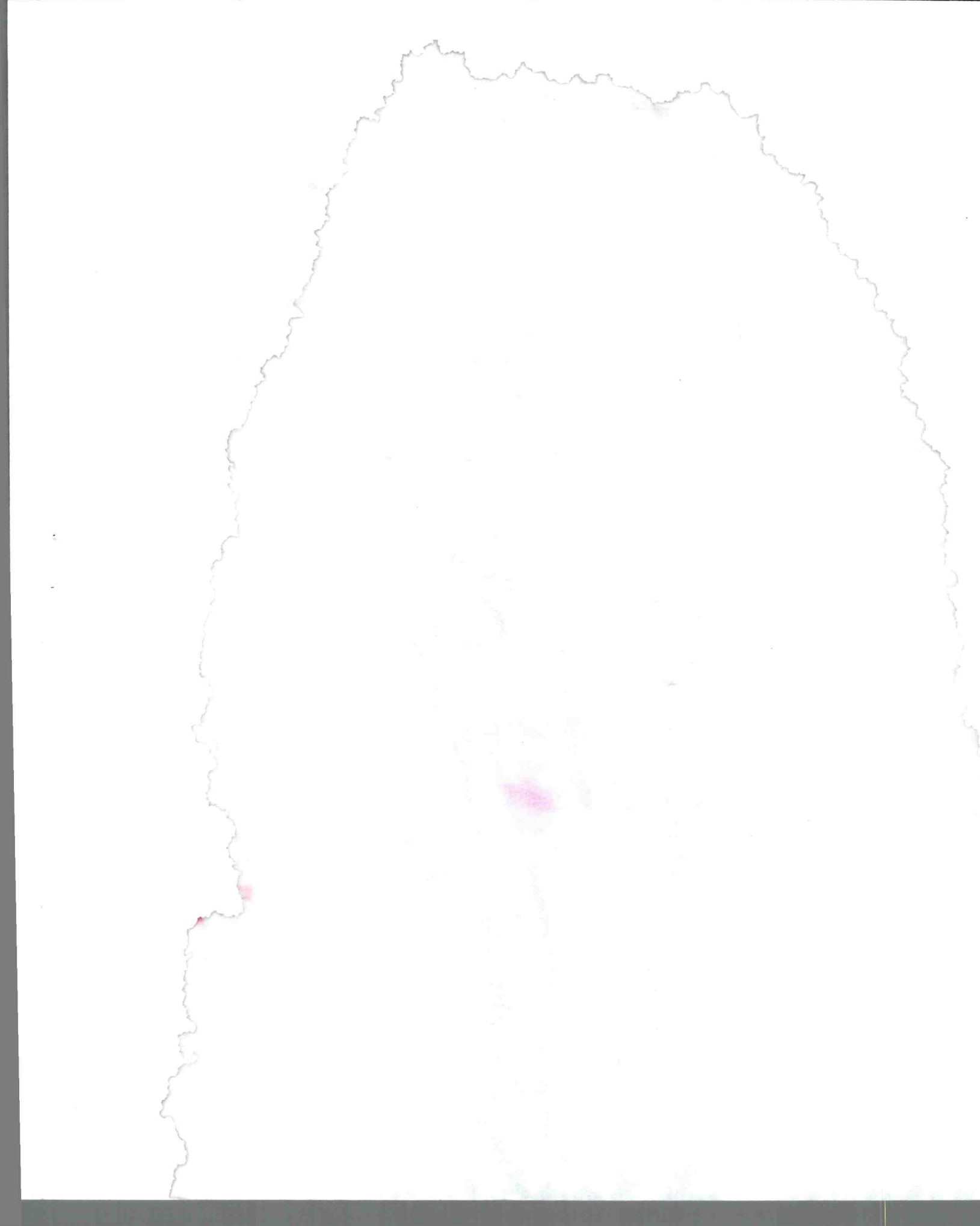
USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



Signature: _____ 1-24-2023

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE



PERMIT SNAPSHOT REPORT OSWP-2023-14578 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Description: Single family residential

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Wilkinson, Matthew

App Date: 01/24/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4711549960.000 Main

Address: 211 Braxton Dr Main
Statesville, NC 28677

Zone: RA(Residential Agricultural District)

Applicant/Authorized Agent
JIMMY GENTRY
CONSTRUCTION &
REMODELING COMPANY
156 Kingswood Rd 156
Kingswood Road
STATESVILLE, NC 28625
Business: (704) 876-2440
Mobile: (704) 902-1535

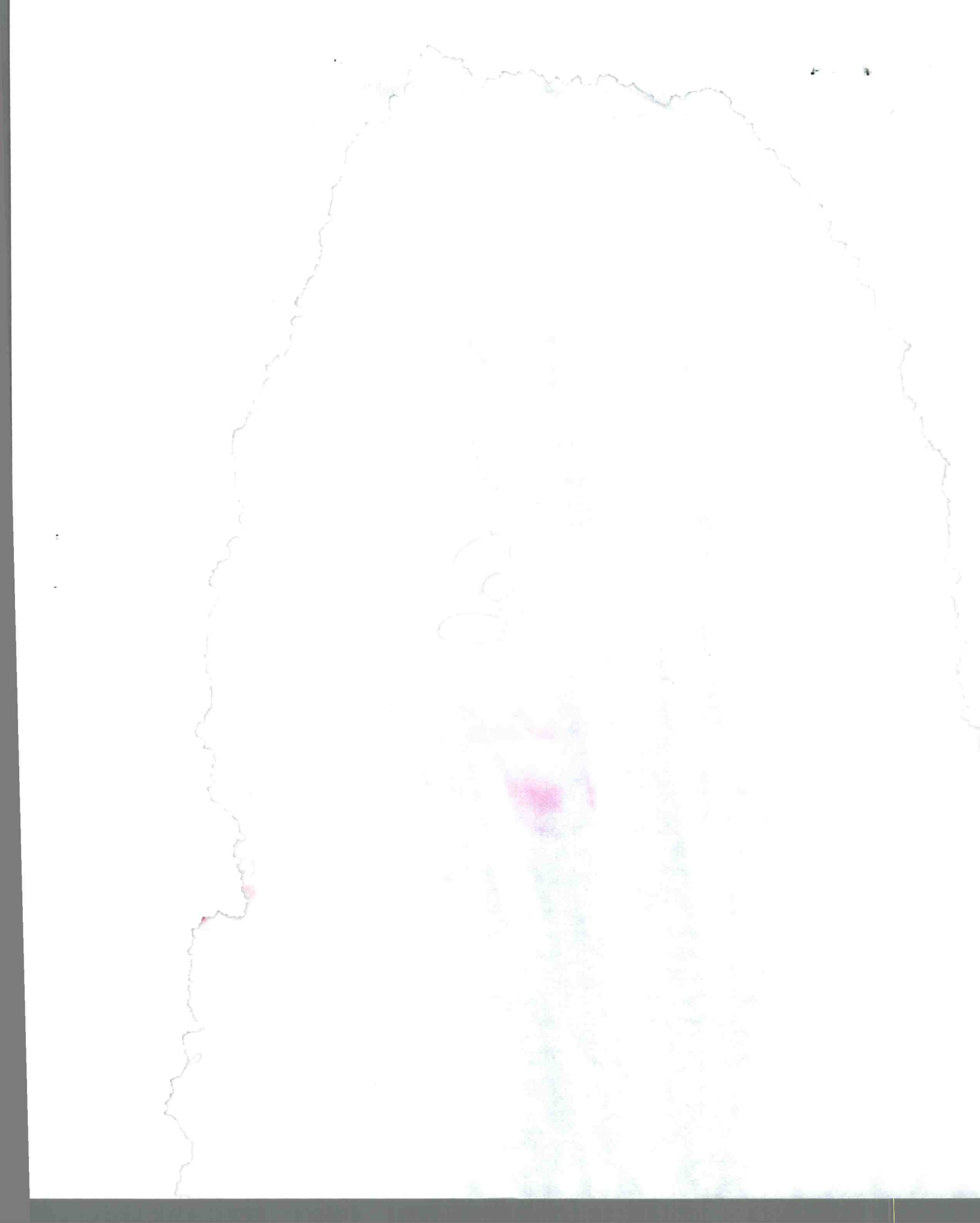
Property Owner
John Baxter & Alicia Burris
Home: (980) 253-4849
Business: (980) 253-4849
Mobile: (980) 253-4849

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	68'x28'	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	2	Number of Occupants	2
Foundation Type	Crawl Space Foundation	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Lot Acreage	4.611	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Jan 25 2023 12:00AM	Zoning Permit Expiration Date	Jul 24 2023 12:00AM	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 CA CATAWBA/LAKE NORMAN				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jimmy_Gentry_1/24/2023.jpg	01/24/2023 14:44	Gentry, Jimmy		Uploaded via CSS
img005_v1.pdf	01/25/2023 9:09	COMEAUX, DEBRA	Available Online	Additional Supporting Information
img006_v1.pdf	01/25/2023 9:09	COMEAUX, DEBRA	Available Online	Additional Supporting Information
img008_v1.pdf	01/25/2023 9:09	COMEAUX, DEBRA	Available Online	Additional Supporting Information
BurrisSeptic1_v1.pdf	01/25/2023 9:11	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
img002_v1.pdf	01/25/2023 9:35	Bailey, Julia	Available Online	Site Plan
img004_v1.pdf	01/25/2023 9:35	Bailey, Julia	Available Online	Site Plan
img007_v1.pdf	01/25/2023 9:35	Bailey, Julia	Available Online	Floor Plan(s)
img009_v1.pdf	01/25/2023 15:37	COMEAUX, DEBRA	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-58016	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	02/01/2023			02/01/2023 8:43	02/01/2023 8:43



Inspectors: Kobuck, Teanna (Primary)

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

2023-58847 Passed - Permit OSWP Septic/Well Preliminary Site Visit 02/03/2023 02/03/2023 8:23 02/03/2023 8:23

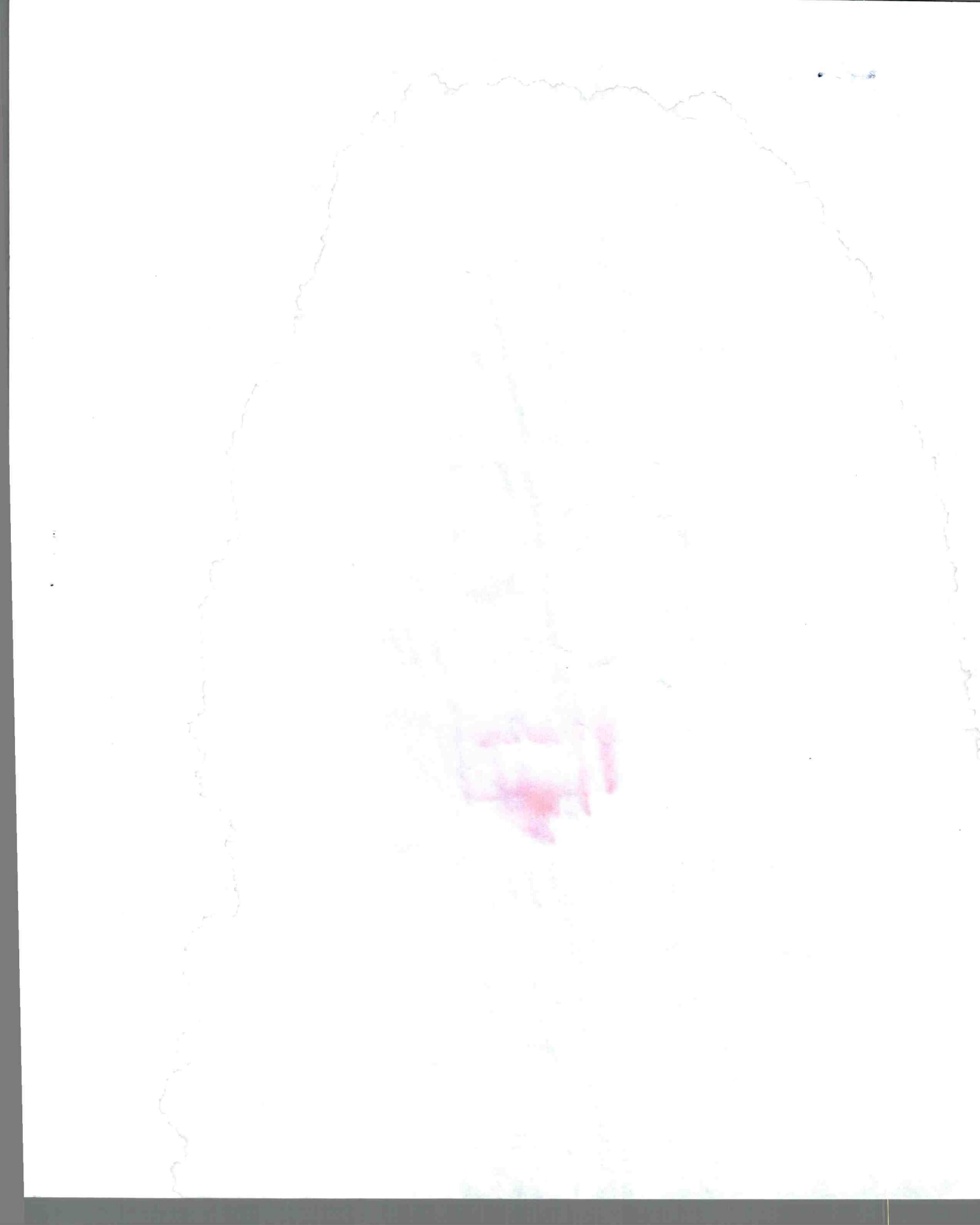
Inspectors: Kobuck, Teanna (Primary)

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. Noticed 2 old-looking buried gas line flags on site. One at front left PC and another near left PL behind shed. Not sure if marking a gas line or not--checked w/ applicant who believes that property owner just used them as markers. During revisit, noticed that applicant flagged "rear PL" to a rebar that looks to be recently set that is not on parcel. Cannot verify that rear PL flagging is correct since it does not lead to the axel that I found for the back right PC iron. Unsure if rear PL will come in to play at this time.	Teanna Kobuck	02/02/2023 8:49

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00008087	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00008087	$77.25	$77.25
INV-00008158	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00008158	$500.00	$500.00
INV-00008549	Site Revisit		$100.00	$100.00
		Total for Invoice INV-00008549	$100.00	$100.00
		Grand Total for Permit	**$677.25**	**$677.25**

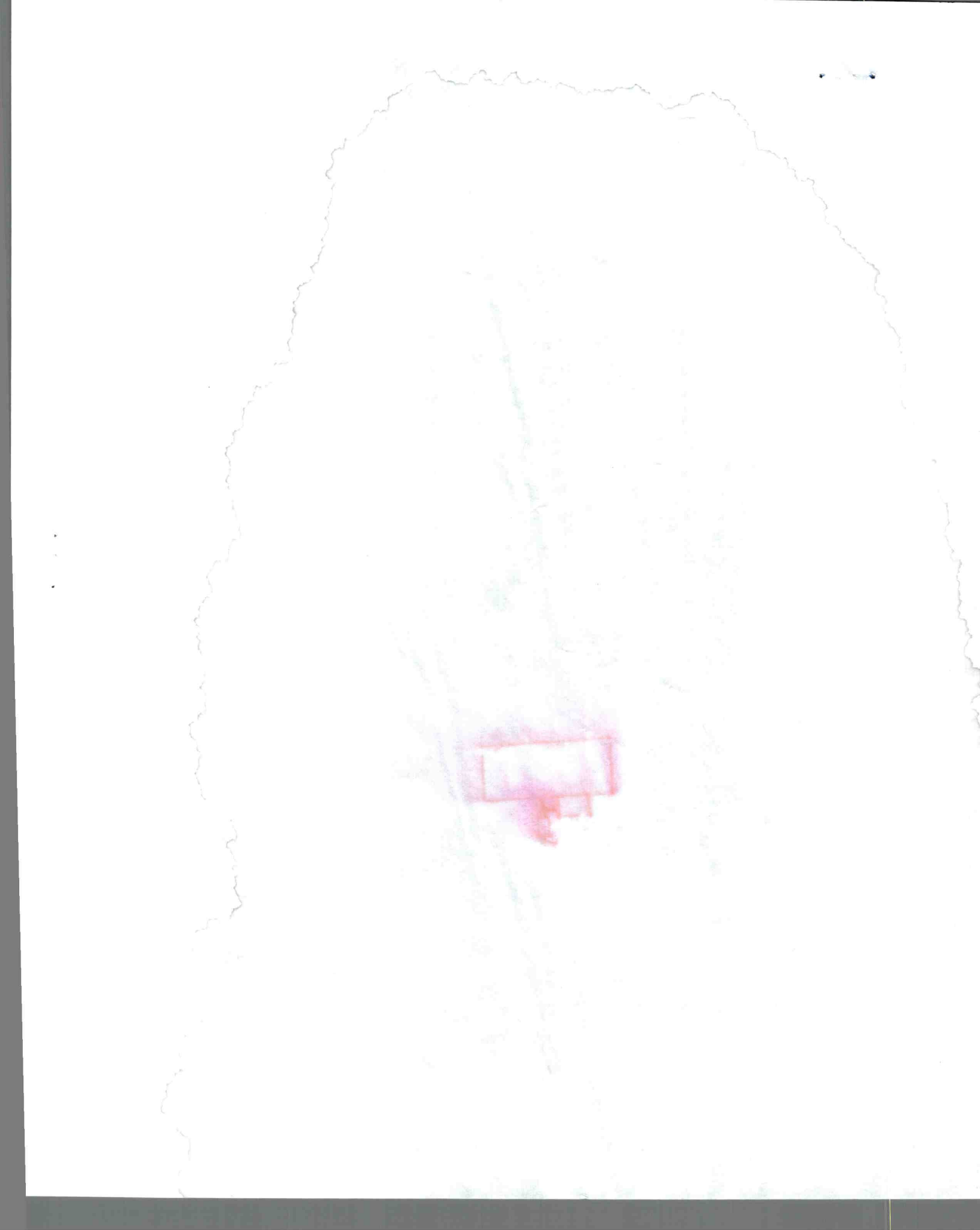
Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/25/2023 9:35	01/25/2023 9:36
Confirm application complete v.1	Generic Action		01/25/2023 9:36
Fees v.1		01/26/2023 8:35	01/27/2023 8:10
Fees Paid v.1	Generic Action		01/27/2023 8:10
Issue Invoice v.1	Generic Action		01/26/2023 8:35
Zoning Review v.1		01/25/2023 9:36	01/27/2023 9:04
Iredell County Zoning Approval v.1	Task	01/25/2023 9:36	01/27/2023 9:04
Issue Invoice v.1	Generic Action		01/25/2023 9:36
Fees Paid v.1	Generic Action		01/26/2023 8:34
Fees v.1		02/02/2023 8:48	02/03/2023 9:17
Issue Invoice v.1	Generic Action		02/02/2023 8:48
Fees Paid v.1	Generic Action		02/03/2023 9:17
Lot Readiness Verification v.1		02/02/2023 8:43	
OSWP Septic Preliminary Site Visit v.1	Inspection	02/02/2023 8:43	02/02/2023 8:47
OSWP Septic Preliminary Site Visit v.2	Inspection	02/06/2023 8:23	02/06/2023 8:23
	Inspection		
	Generic Action		
	Generic Action		
	Generic Action		

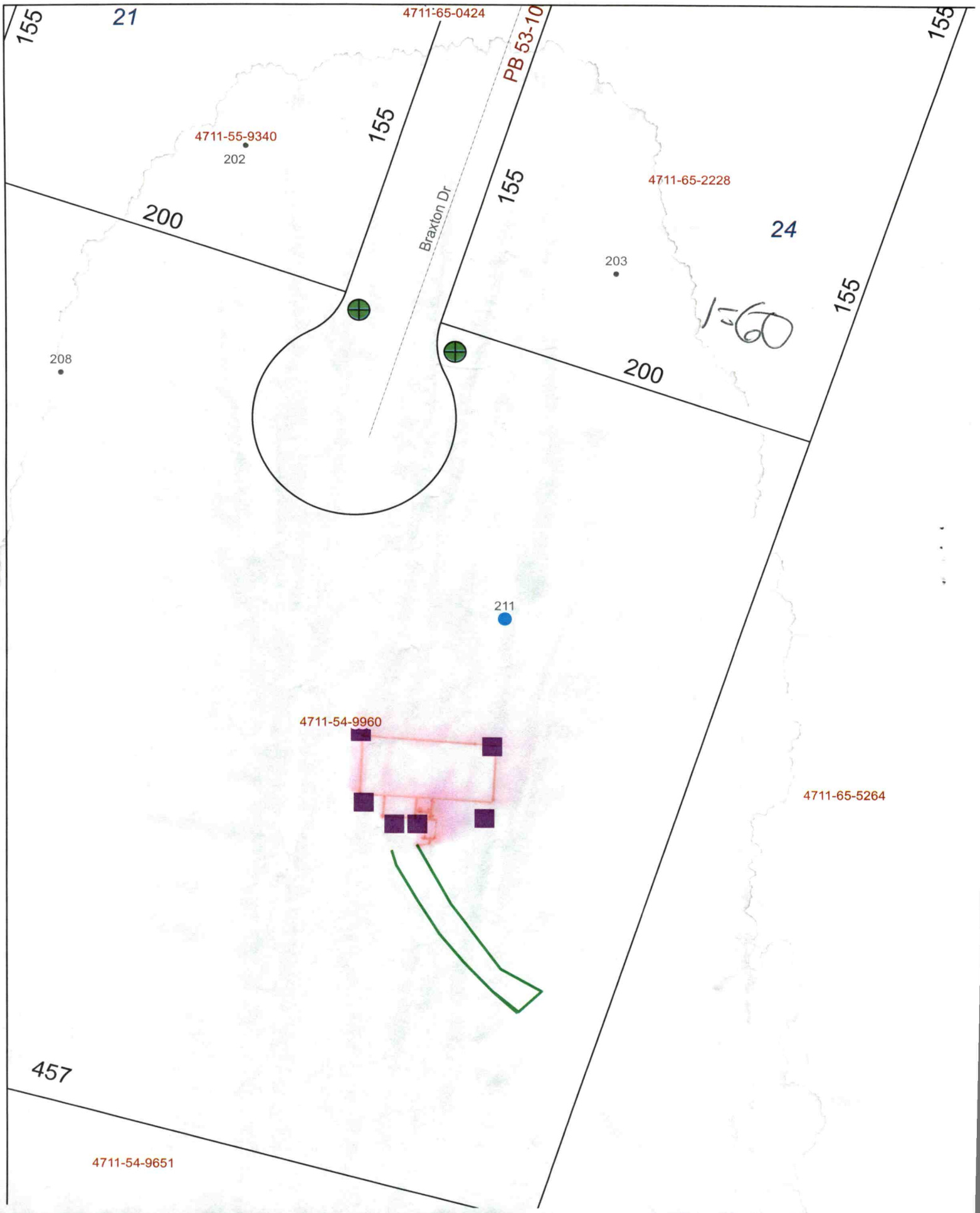


PERMIT SNAPSHOT REPORT (OSWP-2023-14578)

Create Sub Permit

Generic Action




155
21
4711-65-0424
PB 53-10
155
155
4711-55-9340
202
155
Braxton Dr
4711-65-2228
200
24
203
155
208
200
211
4711-54-9960
4711-65-5264
457
4711-54-9651

