CW MANF-2023-42043

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-40381

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

PIN # 3792-74-1142

APPLICANT/OWNER: Heather Williamson APPLICANT ADDRESS: 452 Island Ford Rd, Statesville, NC 28625

SITE ADDRESS: 218 Eufola Rd, Statesville, NC 28677 PHONE: (704) 682-0505 ALT. PHONE -

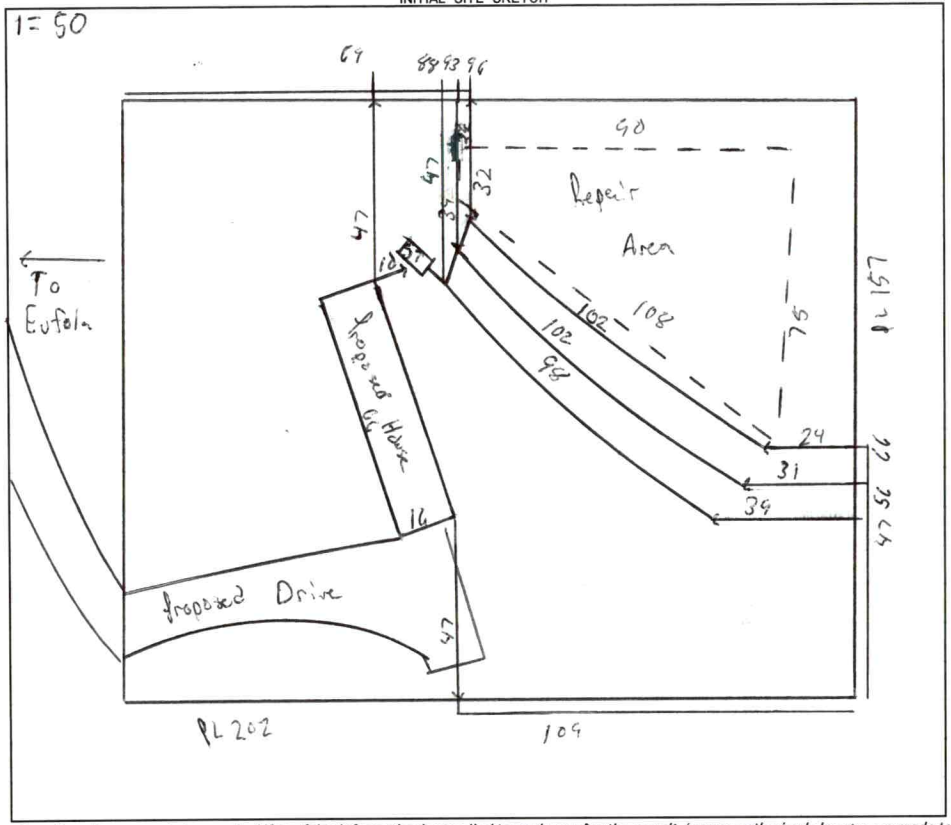
SITE DIRECTIONS: W Front St, Newton Dr, Eufola Rd SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Heather Williamson SECTION: - LOT # 1 LOT AREA: .73Ac DESIGN FLOW: 360 L.T.A.R.: .3

Septic Tank 1000	(gal)	STB 854	Date 9/30/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3	Water Supply	
Pump Tank	(gal)	PT	Date	System Description: 25% Reduction - Series				☐ Business	No. Persons 6	☐ Private	
Pump Make		Model	Serial #	Repair System Description: 25% Reduction - Series				☐ Other	No. Employees	☑ Public	
# Nitrification Fields 1		# Lines 3	Linear Ft 300	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space	☐ Community	
Trench Width 36 in		Trench Bottom Depth(Low side) 30 in		Gravel Depth N/A	☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Install on contour with 4ft centers. 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.

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.* ☑ **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: A1 - Backhoe

IMPROVEMENT PERMIT by: Matt Wilkie Date: 11/15/23 OPERATION PERMIT by: Cory Wilk Date: 12/6/23

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 12/1/23 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? _____	

PERMIT SNAPSHOT REPORT OSWP-2023-40381
FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	11/01/2023
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: NEEDS SEPTIC PERMIT FOR NEW HOME 11/7 Sent email. Heather responded site ready. Site visit, site ready GM

Parcel: 3792741142.000 Main	**Address:** 218 Eufola Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Heather Williamson	Heather Williamson
452 Island Ford Rd	452 Island Ford Rd
Statesville, NC 28625	Statesville, NC 28625
Mobile: (704) 682-0505	Mobile: (704) 682-0505

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	16x66
What are the proposed structures	New Single-Family Residence - Mobile Home	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	3	Foundation Type	Crawl Space Foundation	Water Supply	Other Public Water
Desired Septic System Type	Conventional (most common)	Lot Acreage	0.73	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Nov 6 2023 12:00AM	Zoning Permit Expiration Date	May 4 2024 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 PA CATAWBA/LAKE NORMAN				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Heather_Williamson_11/1/2023.jpg	11/01/2023 13:39	Williamson, Heather		Uploaded via CSS
agent_2023-11-01_125240_v1.pdf	11/01/2023 14:36	Hart, Ronda	Available Online	Authorize to Act as Agent
plat_2023-11-01_124911_v1.pdf	11/01/2023 14:36	Hart, Ronda	Available Online	Additional Supporting Information
site_plane_Final_2023-11-02_121200.pdf	11/02/2023 12:26	Hart, Ronda	Available Online	Final SP
site_plane_Final_2023-11-02_121200_v4.pdf	11/06/2023 11:45	Bailey, Julia	Available Online	Site Plan
Easement access.pdf	11/06/2023 14:09	Bailey, Julia		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-160590	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/08/2023	11/08/2023 0:00	11/08/2023 0:00	11/08/2023 8:07	11/08/2023 8:07

Inspectors: McLeod, Grace (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

PERMIT SNAPSHOT REPORT (OSWP-2023-40381)

1.	sent email to planning regarding easement access	Julia Bailey	11/06/2023 13:46
2.	11/7 Sent applicant email. Heather responded site ready. Site visit, site is ready GM	Grace McLeod	11/07/2023 10:08

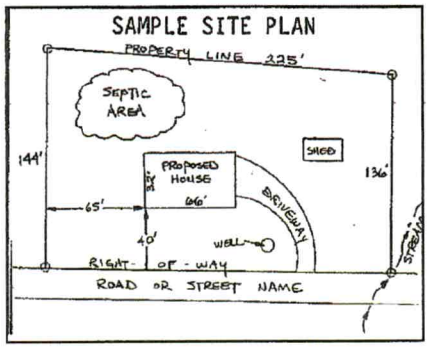
Invoice No.	Fee		Fee Amount	Amount Paid
INV-00022993	Iredell Zoning Tech Fee		$2.25	$2.25
	New Gravity System		$500.00	$500.00
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00022993	$577.25	$577.25
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		11/02/2023 12:27	11/02/2023 12:27
Confirm application complete v.1	Generic Action		11/02/2023 12:27
Fees v.1		11/07/2023 8:16	11/07/2023 8:16
Fees Paid v.1	Generic Action		11/07/2023 8:16
Issue Invoice v.1	Generic Action		11/07/2023 8:16
Zoning Review v.1		11/06/2023 14:09	11/07/2023 8:07
~~Floodplain Admin Overview v.1~~	Task		11/06/2023 14:09
Iredell County Zoning Approval v.1	Task	11/06/2023 14:09	11/07/2023 8:07
Issue Invoice v.1	Generic Action		11/06/2023 14:10
Fees Paid v.1	Generic Action		11/07/2023 8:07
Lot Readiness Verification v.1		11/08/2023 8:07	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/08/2023 8:07	11/08/2023 8:08
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		

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:

- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location**
- ( ) **Preferred well location**
- ( ) **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: Heather Williams

11/1/2023

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

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

Sheet 1 of 1
PROPERTY ID #: 3792741142
COUNTY: Iredell

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

OWNER: Heather Williamson
ADDRESS: 452 Island Ford Rd, Statesville, NC 28625
PROPOSED FACILITY: SFR
LOCATION OF SITE: 218 Enfield Rd, Statesville, NC 28677
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: Auger Boring (Pit) Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

APPLICATION DATE 11/1/23
DATE EVALUATED: 11/14/23
PROPERTY SIZE: .73AC
PROPERTY RECORDED: yes
PROPOSED DESIGN FLOW (.1949): 360

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 7%	0-10	SCL/SBK	SS SP FR SE	-	46	Sap inclusions begin 32. Heavy Sap 46+		PS .3
		10-30	C/SBK	SS SP FR SE					
		30-46	CL/SBK	SS SP FR SE					
2	LS 9%	0-22	C/SBK	SS SP FR SE	-	51	Sap inclusions in CL	-	PS .3
		22-51	CL/SBK	SS SP FR SE					
3	LS 10%	0-30	C/SBK	SS SP FR SE	-	52	-	E Horizon 12-18	PS .3
		30-52	CL/SBK	SS SP FR SE					
4	LS 9%	0-25	C/SBK	SS SP FR SE	-	48	Sap inclusions 30+	-	PS .3
		25-48	CL/SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	25%
Site LTAR	.3	.3

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

COMMENTS:

Updated February 2014

LEGEND

use the following standard abbreviations

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

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

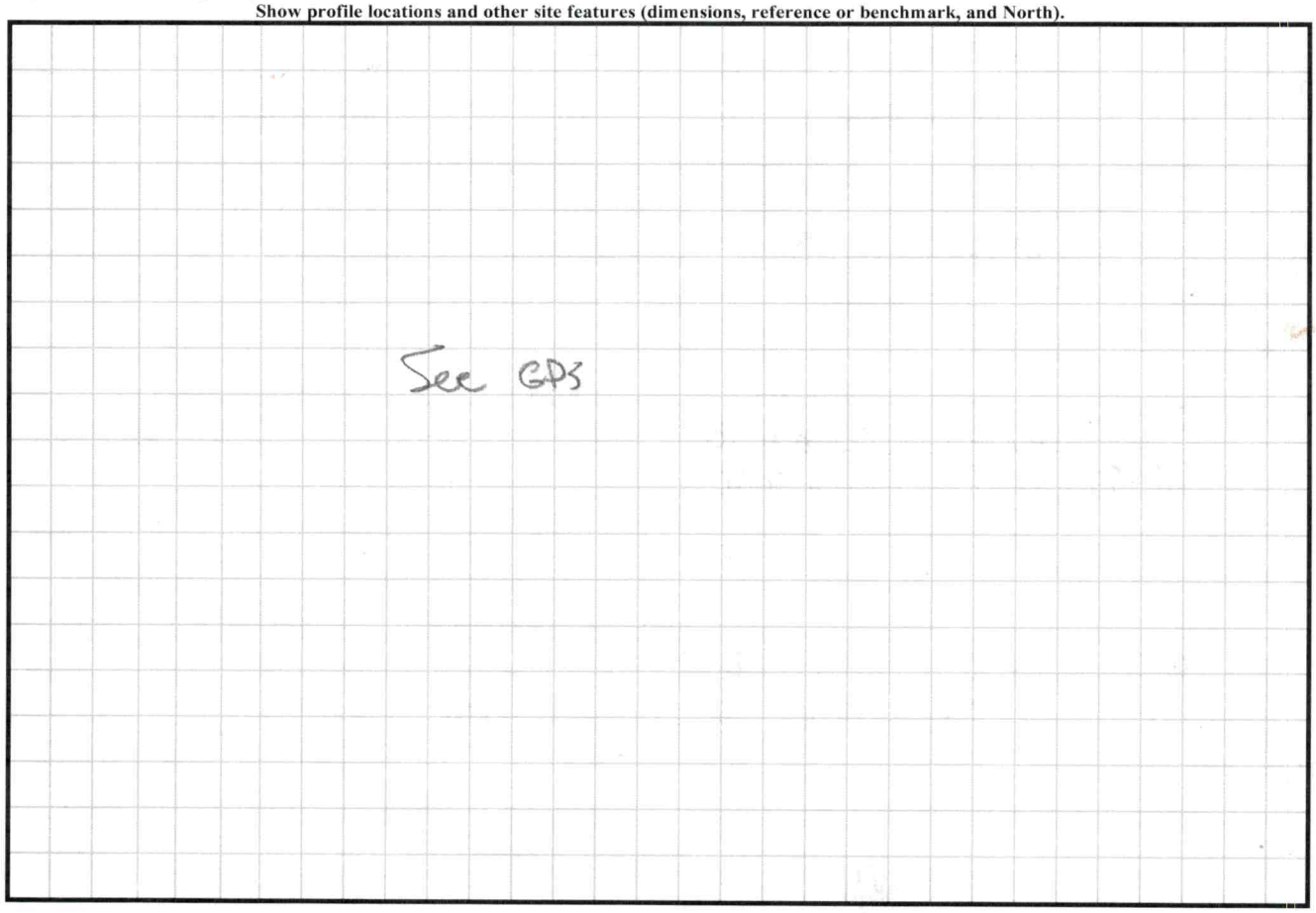
NOTES

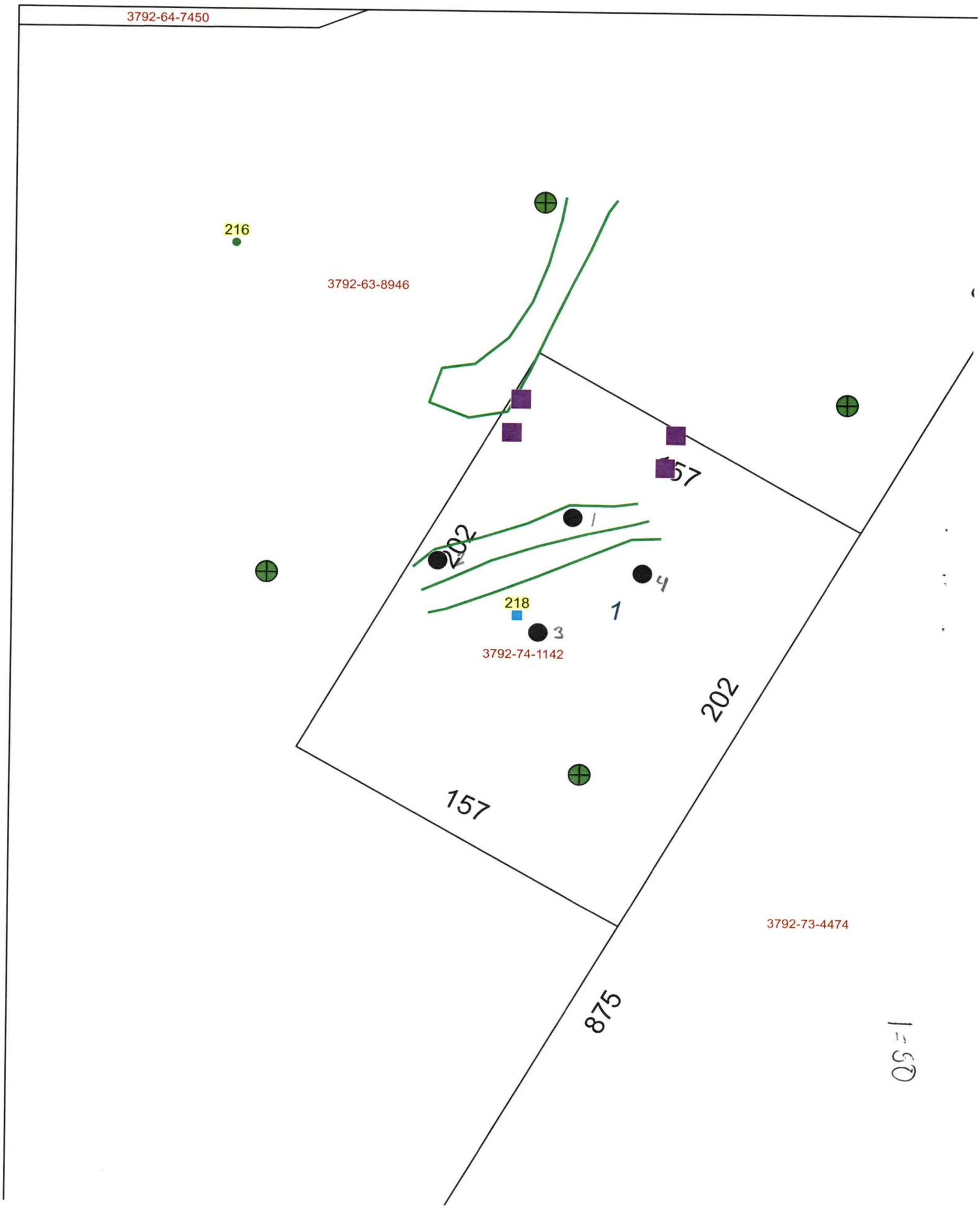
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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/ft^2

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




3792-64-7450
216
3792-63-8946
157
202
1
2
4
218
3
1
3792-74-1142
202
157
3792-73-4474
875
1 = 50

Notice

* Property subject to any easements and right of way on record, and all NCDOT easements and rights of way.
* This survey is subject to any facts that may be disclosed by a full and accurate title search.
* Area determined by coordinate computations.
* Lot(s) to be served by individual water and septic systems
* Total number of lots: 1
* This survey plat does not show any unrecorded, written or unwritten easements, dedications or other encumbrances. Such burdens could exist on this property and not appear on this plat. Accordingly, users of this plat are warned to remain alert for the existence of such unrecorded burdens not shown hereon.
* The Global Navigation Satellite System (GNSS) was used to perform to geospatial positioning accuracy standards, part 2 standards for geodetic networks at the 95% confidence accuracy classification (RSS confidence) using real time kinematic. The following information was used:

I,Ted M Benbow certify that this map was drawn under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of Survey: CLASS A
Positional Accuracy: 0.05'
Type of GPS Field Procedure: RTK
Dates of Survey: 8/31/23-9/18/23
Datum/Epoch: NAD83 (2011)
Published/Fixed-Control Use: VRS
GEOID Model: 2018
Combined Grid Factor: 0.99986884
Units: US Survey Feet

That this plat was prepared in accordance with G.S. 47-30 as amended. That this plats meets the requirement of G.S. 47-30. I further certify that this survey creates a subdivision of land within the area of a county or municipality that has ordinance that regulates parcels of land.

Witness this my original signature, registration number and seal this 25th day of September 2023 A.D.

Ted M. Benbow NC PLS L-3175
Firm License # C-1588

NORTH CAROLINA PROFESSIONAL SEAL L-3175 LAND SURVEYOR TED M. BENBOW

Unless otherwise indicated, all distances shown are horizontal grid distances. To convert to ground distance, divide the ground distance by the combined factor.

Certificate of Approval for Recording:

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

Subdivision Administrator _____ Date _____

Review Officer Certificate

State of North Carolina
County of Iredell

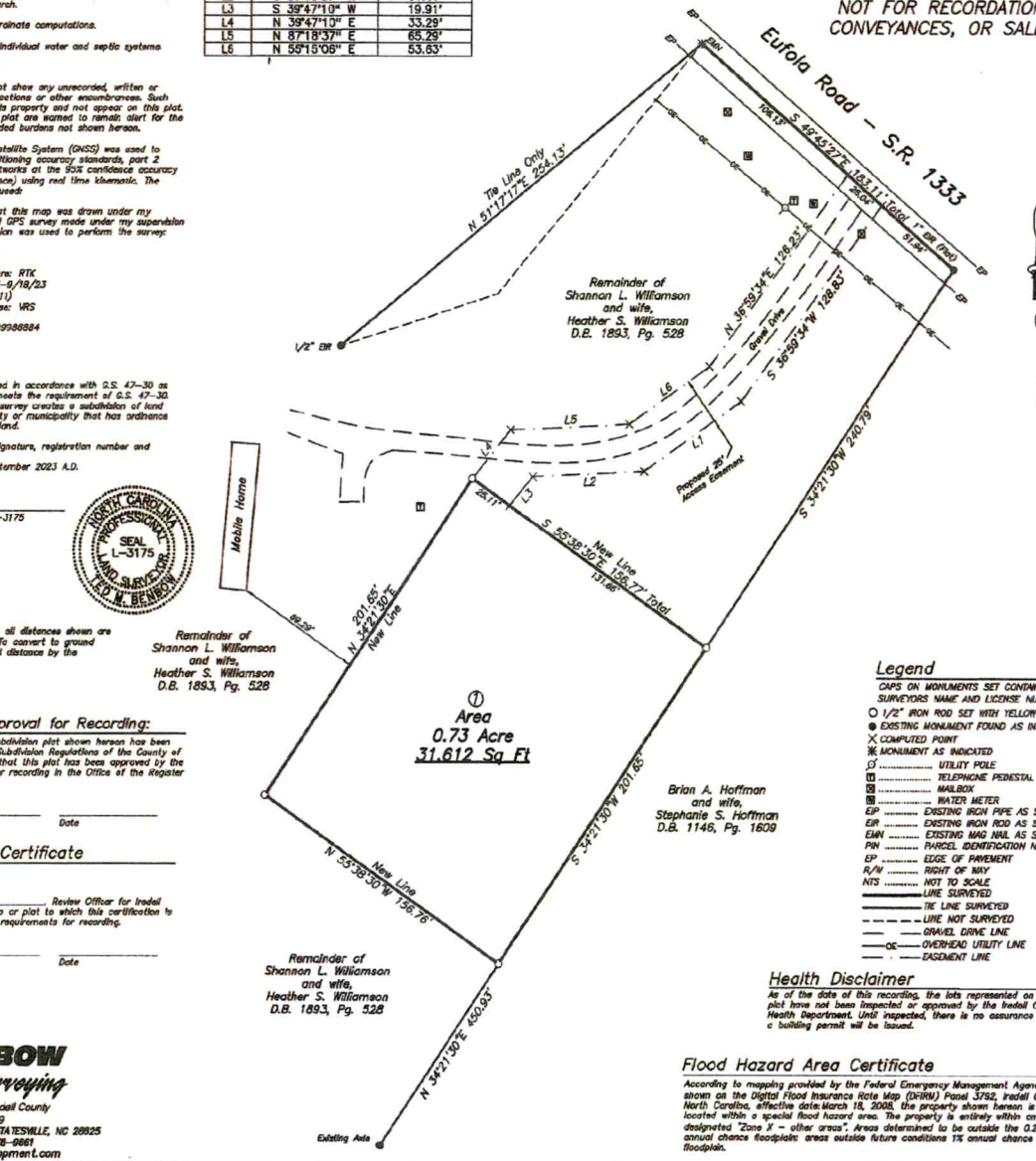
I, _____, Review Officer for Iredell County certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

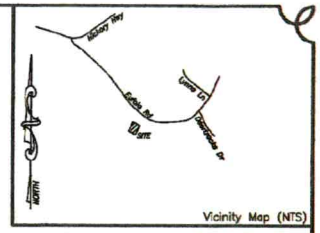
Review Officer _____ Date _____

TED BENBOW Land Surveying
Proudly Surveying Iredell County
Since 1989
630 SIGNAL HILL DRIVE EXT., STATESVILLE, NC 28625
PHONE (704) 878-0661
www.boundarydevelopment.com

Course	Bearing	Distance
L1	S 55°15'06" W	64.83'
L2	S 87°18'37" W	61.46'
L3	S 39°47'10" W	19.91'
L4	N 39°47'10" E	33.29'
L5	N 87°18'37" E	65.29'
L6	N 55°15'06" E	53.63'

PRELIMINARY PLAT: NOT FOR RECORDATION, CONVEYANCES, OR SALES





Vicinity Map (NTS)

Legend

CAPS ON MONUMENTS SET CONTAIN THE SURVEYORS NAME AND LICENSE NUMBER.

- ○ 1/2" IRON ROD SET WITH YELLOW CAP
- ● EXISTING MONUMENT FOUND AS INDICATED
- × COMPUTED POINT
- ✳ MONUMENT AS INDICATED
- ø ..... UTILITY POLE
- ⊡ ..... TELEPHONE PEDESTAL
- ⊠ ..... MAILBOX
- ⊞ ..... WATER METER
- EIP ..... EXISTING IRON PIPE AS SHOWN
- EIR ..... EXISTING IRON ROD AS SHOWN
- EMN ..... EXISTING MAG NAIL AS SHOWN
- PIN ..... PARCEL IDENTIFICATION NUMBER
- EP ..... EDGE OF PAVEMENT
- R/W ..... RIGHT OF WAY
- NTS ..... NOT TO SCALE
- ——— LINE SURVEYED
- ——— TIE LINE SURVEYED
- - - - - - LINE NOT SURVEYED
- —— —— GRAVEL DRIVE LINE
- —OE— OVERHEAD UTILITY LINE
- —— · —— EASEMENT LINE

Health Disclaimer

As of the date of this recording, the lots represented on this 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.

Flood Hazard Area Certificate

According to mapping provided by the Federal Emergency Management Agency and shown on the Digital Flood Insurance Rate Map (DFIRM) Panel 3792, Iredell County, North Carolina, effective date: March 18, 2008, the property shown hereon is not located within a special flood hazard area. The property is entirely within an area designated "Zone X - other areas". Areas determined to be outside the 0.2% annual chance floodplain; areas outside future conditions 1% annual chance floodplain.

Certificate of Ownership & Dedication

I (We) hereby certify that I (We) 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 (We) hereby freely adopt this plan of subdivision and dedicate public use all areas shown on this plat such as streets, alleys, walks, parks, open space and easements, except those specifically indicated as private, and that I (We) will maintain all such areas until the offer of dedication is accepted by the appropriate public authority, establish minimum building setback lines as noted.

a. there are no deed restrictions which will be violated by the requested subdivision;

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 requested subdivision; and

c. I understand that enforcement of deed restrictions and any 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: _____ Date: _____

Owner: _____ Date: _____

Notary

North Carolina, Iredell County

I, _____, a Notary Public for said county and state do hereby certify that _____ owner(s) personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal,

this the _____ day of _____, 2023.

Notary Public

My commission expires: _____

Water Supply Watershed Certificate:

To the best of my knowledge this plat does not lie within a water supply watershed designated by the North Carolina Division of Environmental Management as appears on the Watershed Protection Map of Iredell County, North Carolina.

Subdivision Administrator _____ Date _____

Zoning

ZONING: RA(Iredell County)
Building Setbacks
Front - 35'
Side - 15'
Rear - 35'

40 0 40 80 120
GRAPHIC SCALE - 1" = 40'

Family Subdivision For:

Heather Williamson

Shiloh Township, Iredell County, NC
Owners of Record: Shannon L. Williamson and wife, Heather S. Williamson
Deed Reference: D.B. 1893, Pg. 528
PIN: 3792-64-9099
Job Number:2308287.DWG (2308287.CRD)
Field Work: 8/31/23-9/18/23
Plat Date: 9/29/23
Drawn By: WSR

OSWP-2023-40381

218 Eufola Rd

Williamson

Acknowledgement Of
Plans Submittal ONLY!

_____ Date 12/1/23

_____ Date _____

