ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MW

BLDR-2023-21978

PERMIT # 2023-22013

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

PIN # 4729 -- 43 -- 5113

APPLICANT/OWNER: Hyde Homes LLC

APPLICANT ADDRESS: 387 Woodbridge Rd, Statesville

SITE ADDRESS: 1134 Snow Creek Rd, Statesville 28625

PHONE: 704-201-9935

ALT. PHONE -

SITE DIRECTIONS: 115 N - Snow Creek

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Ercelle Johnson Revoc TR + D Mark

SECTION: - LOT # - LOT AREA: 7.425 acres

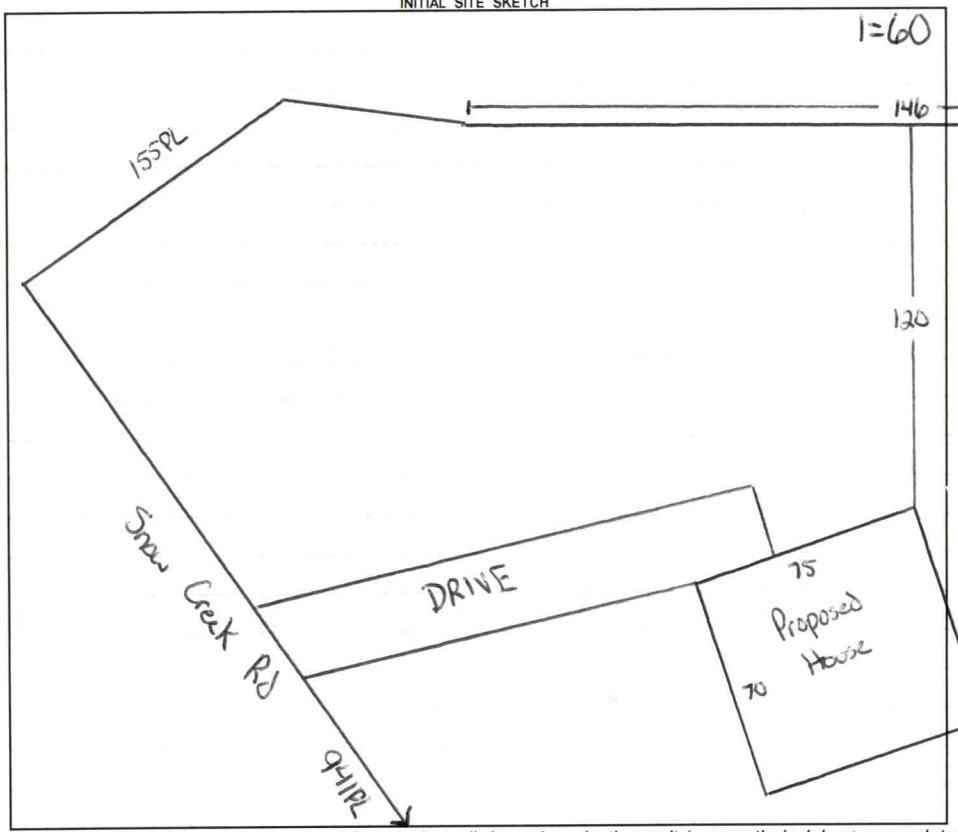
DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	9/4/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% reduction			
Pump Make			Model		Serial #		Repair System Description:	25% reduction			
# Nitrification Fields	1		# Lines	3	Linear Ft	300'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36 in		Trench Bottom Depth(Low side)	28"	Gravel Depth	-	☒ GRAVITY	☐ PRESSURE			

☐ Residence	No. Bedrooms	3	**Water Supply**
☐ Business	No. Persons	6	☐ Private
☐ Other	No. Employees		☒ Public
☐ Slab	☐ Crawl Space		☐ Community
☒ Basement w/plumbing		☐ Basement w/o plumbing	

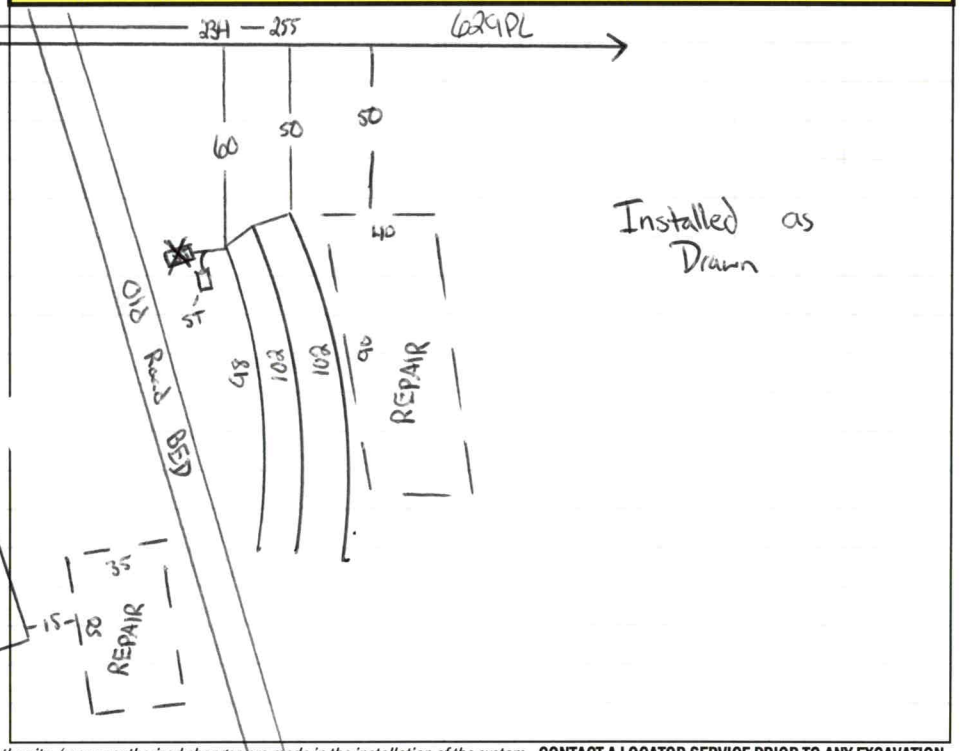
Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

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: Jake Williams

IMPROVEMENT PERMIT by: Cory Hill Date: 5/17/23

OPERATION PERMIT by: Cory Hill Date: 10/24/23

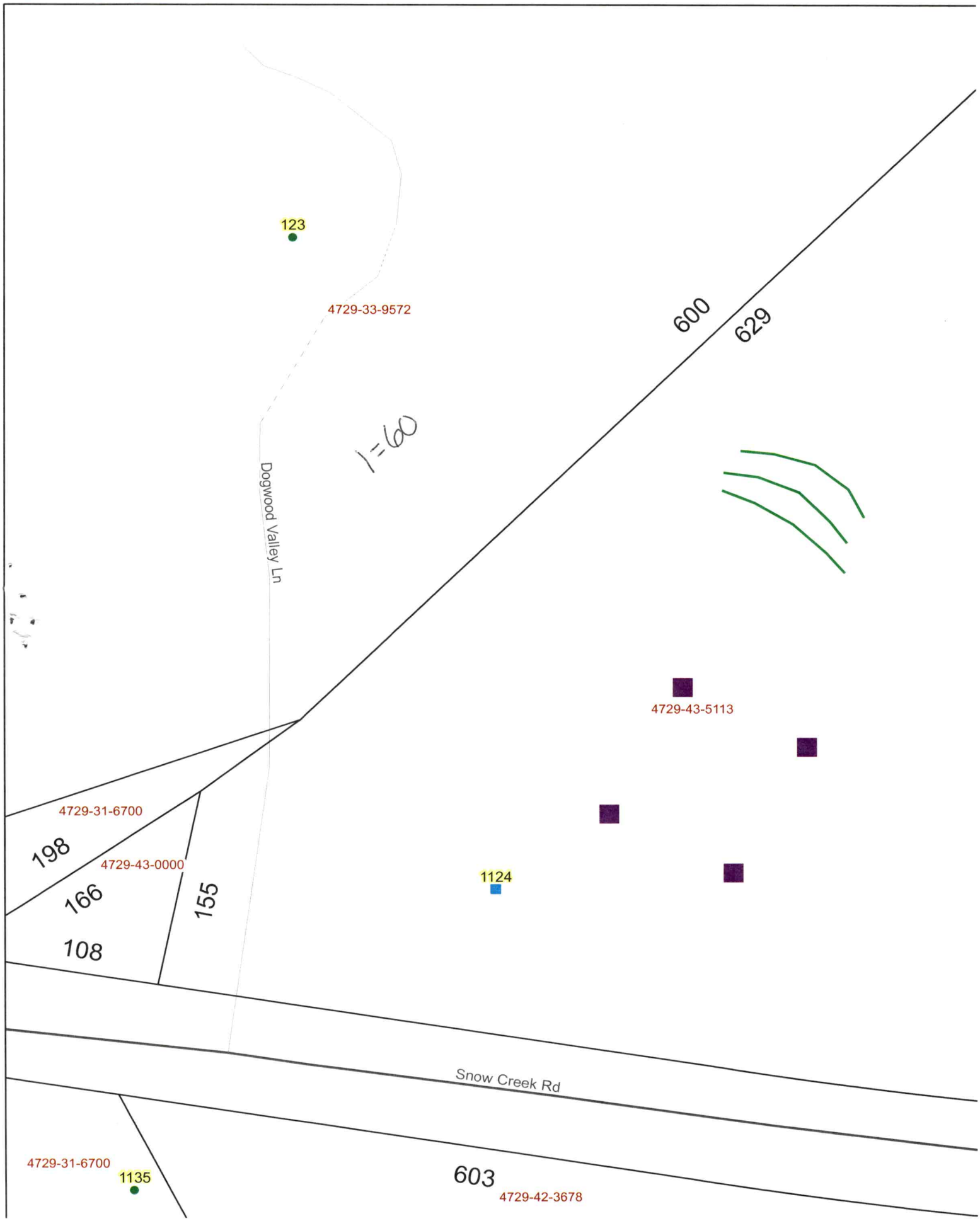
AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 5/30/23

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? _____	


123
4729-33-9572
600
629
1=60
Dogwood Valley Ln
4729-43-5113
4729-31-6700
198
4729-43-0000
166
155
108
1124
Snow Creek Rd
4729-31-6700
1135
603
4729-42-3678

Sheet 1 of 1
PROPERTY ID #: 4729435713
COUNTY: Iredell

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

OWNER: Hyde Homes LLC
ADDRESS: 387 Woodbridge Rd
PROPOSED FACILITY: 3 bd/r home
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 1124 Snow Creek
WATER SUPPLY: Private Public Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: Sewage Industrial Process Mixed

APPLICATION DATE 4/13/23
DATE EVALUATED: 5/9/23
PROPERTY SIZE: 7.425 acres
PROPERTY RECORDED: yes

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	Linear 12%	0 - 28	C SBK	SS SP FR SE	-	48	-	-	.3 PS
		28 - 48	CL SBK	↓					
2	Linear 13%	0 - 26	C SBK	SS SP FR SE	-	48	-	-	.3 PS
		26 - 48	CL SBK	↓					
3	Linear 12%	0 - 8	PLOW		-	48	Few	many inc in CL layer	.3 PS
		8 - 30	C SBK	SS SP FR SE					
		30 - 48	CL SBK	↓					
4	Linear 14%	0 - 8	PLOW		-	49	Many inc in CL layer		.3 PS
		8 - 30	C SBK	SS SP FR SE					
		30 - 49	CL SBK	↓					

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

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

COMMENTS:

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.

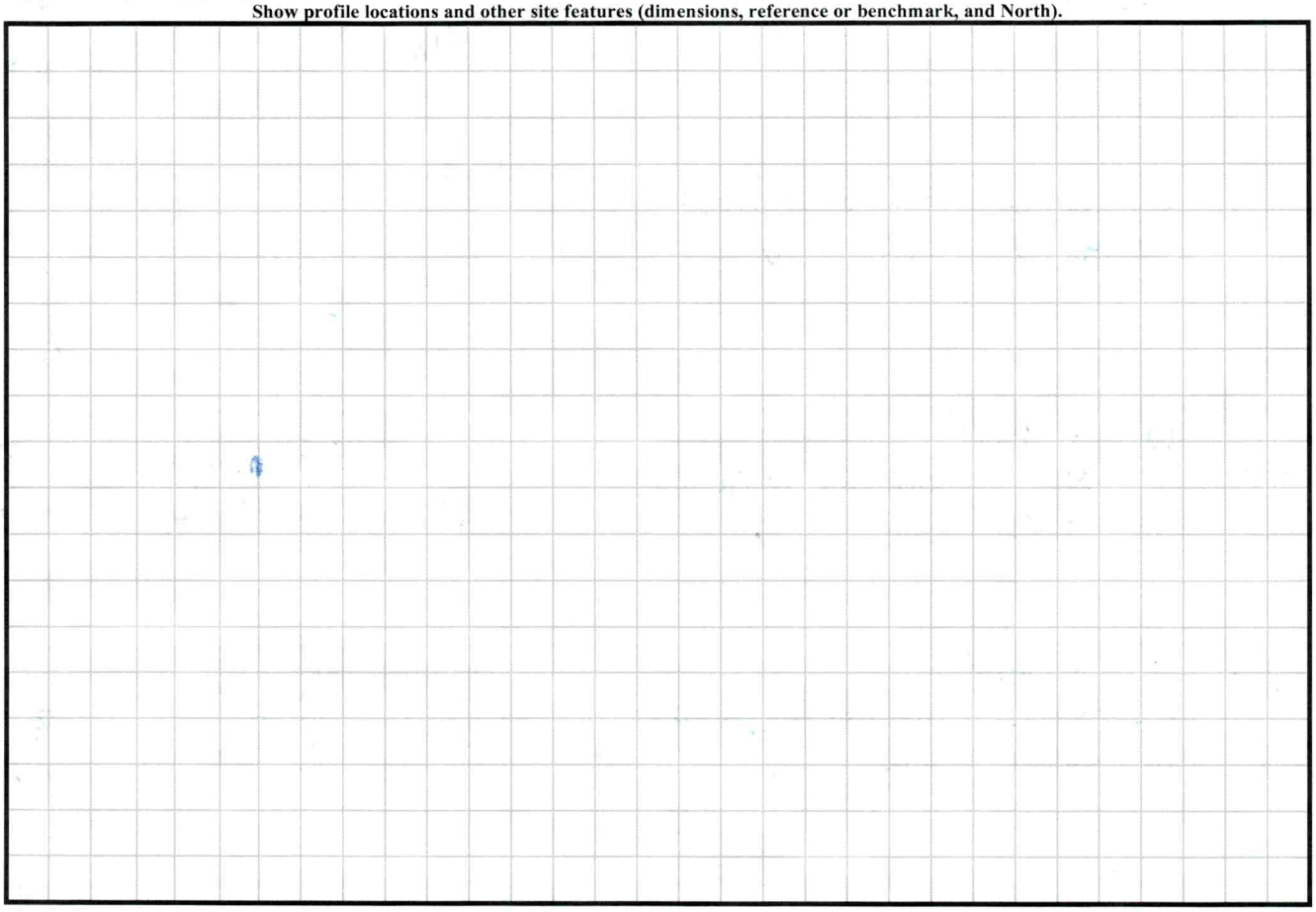
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-22013 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Whicker, Cory
App Date: 04/13/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: Address should be 1124 Snow Creek Construction of a new home. Total covered areas 5,985 sq ft. APPLYING FOR IP/AC

Parcel: 4729435113.000 Main
Address: 1124 Snow Creek Rd Statesville, NC 28625 Main
Zone: RA(Residential Agricultural District)

Property Owner
MATTHEW+AMANDA JOHNSON

Applicant/Authorized Agent
Hyde Homes, LLC
387 Woodbridge Rd 129
WHISPER PINE RD.
Statesville, NC 28625
Business: (704) 201-9935

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	76'x69' New Single Family Home, 3 bedroom
What are the proposed structures	New Single Family Residence	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	76'x69' New Single Family Home, 3 bedroom
Number of Occupants	6	Foundation Type	Basement with Plumbing	Residential/Business/Other	Residential
Water Supply	Other Public 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, Improvement Permit with Plat, Improvement Permit with Site Plan	Has this project been approved by TRC	No
Lot Acreage	7.425	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	WSIV PA SOUTH YADKIN				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Joseph_Hyde_4/13/2023.jpg	04/13/2023 12:09	Hyde, Joseph		Uploaded via CSS
Documentation to autorize_ signed_v1.pdf	04/14/2023 10:24	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
MATTJOHNSON_v1.pdf	04/14/2023 10:24	COMEAUX, DEBRA	Available Online	Site Plan
Site plan.Johnson_v1.pdf	04/14/2023 10:24	COMEAUX, DEBRA	Available Online	Site Plan
Johnson Plan_v1.pdf	04/17/2023 9:30	Horton, Amanda	Available Online	Additional Supporting Information

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-87506	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/02/2023			05/02/2023 7:07	05/02/2023 7:07

Inspectors: Bracken, Sarah (Primary)

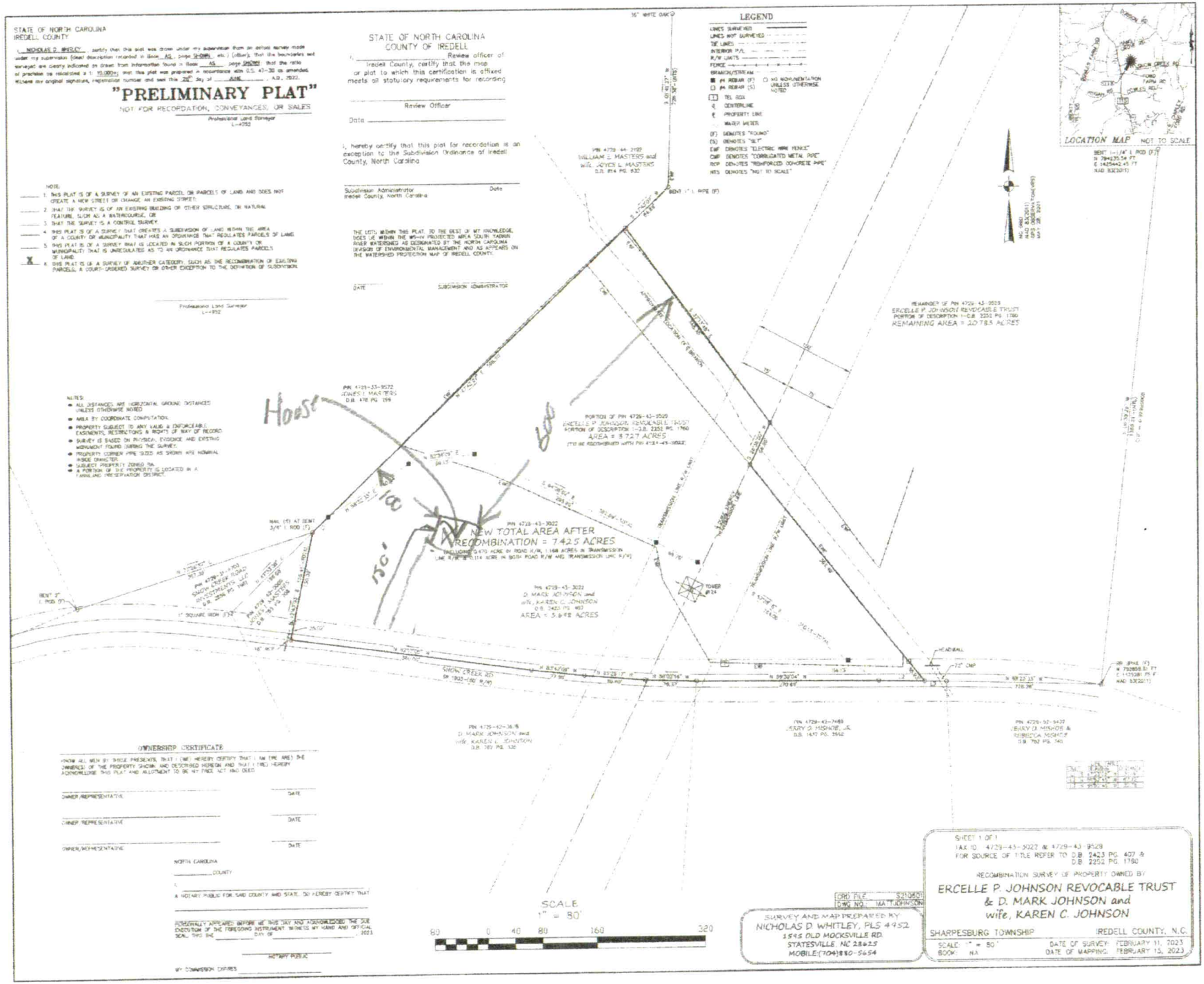
Checklist Item	Description	Passed	Comments

PERMIT SNAPSHOT REPORT (OSWP-2023-22013)

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

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00012386	Iredell Zoning Permit Fee		$75.00	$75.00
	Iredell Zoning Tech Fee		$2.25	$2.25
	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00012386	$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		04/14/2023 10:27	04/14/2023 10:27
Confirm application complete v.1	Generic Action		04/14/2023 10:27
Fees v.1		04/17/2023 9:32	04/24/2023 8:59
Issue Invoice v.1	Generic Action		04/17/2023 9:32
Fees Paid v.1	Generic Action		04/24/2023 9:00
Zoning Review v.1		04/17/2023 9:32	04/24/2023 9:35
~~Floodplain Admin Overview v.1~~	Task		04/17/2023 9:32
Iredell County Zoning Approval v.1	Task	04/17/2023 9:32	04/24/2023 9:35
Issue Invoice v.1	Generic Action		04/17/2023 9:32
Fees Paid v.1	Generic Action		04/24/2023 9:00
Lot Readiness Verification v.1		05/02/2023 7:07	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/02/2023 7:07	05/02/2023 7:07
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		


STATE OF NORTH CAROLINA
IREDELL COUNTY
NICHOLAS D. WHITLEY, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 4/2, page 2/2080, etc.) (other); that the boundaries not surveyed are clearly indicated on drawn from information found in Book 45, page 2/2080; that the ratio of precision as calculated is 1: 15,000+; that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, registration number and seal this 20th day of JUNE, A.D., 2022.
Professional Land Surveyor
L-4952
"PRELIMINARY PLAT"
NOT FOR RECORDATION, CONVEYANCES, OR SALES
STATE OF NORTH CAROLINA
COUNTY OF IREDELL
I, _____, Review officer of Iredell County, certify that this map or plat to which this certification is affixed meets all statutory requirements for recording.
Review Officer
Date _____
I, _____, hereby certify that this plat for recordation is an exception to the Subdivision Ordinance of Iredell County, North Carolina.
Subdivision Administrator Date
Iredell County, North Carolina
THE LOTS WITHIN THIS PLAT, TO THE BEST OF MY KNOWLEDGE, DOES LIE WITHIN THE WS-IV PROTECTED AREA SOUTH YADKIN RIVER WATERSHED AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.
DATE SUBDIVISION ADMINISTRATOR
Professional Land Surveyor
L-4952
NOTE:
1. THIS PLAT IS OF A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
2. THAT THE SURVEY IS OF AN EXISTING BUILDING OR OTHER STRUCTURE, OR NATURAL FEATURE, SUCH AS A WATERCOURSE, OR
3. THAT THE SURVEY IS A CONTROL SURVEY.
4. THIS PLAT IS OF A SURVEY THAT CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.
5. THIS PLAT IS OF A SURVEY THAT IS LOCATED IN SUCH PORTION OF A COUNTY OR MUNICIPALITY THAT IS UNREGULATED AS TO AN ORDINANCE THAT REGULATES PARCELS OF LAND.
X 6. THIS PLAT IS OF A SURVEY OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.
NOTES:
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
- AREA BY COORDINATE COMPUTATION.
- PROPERTY SUBJECT TO ANY VALID & ENFORCEABLE EASEMENTS, RESTRICTIONS & RIGHTS OF WAY OF RECORD.
- SURVEY IS BASED ON PHYSICAL EVIDENCE AND EXISTING MONUMENT FOUND DURING THE SURVEY.
- PROPERTY CORNER PIPE SIZES AS SHOWN ARE NOMINAL PIPE DIAMETER.
- SUBJECT PROPERTY ZONED: RA.
- A PORTION OF THE PROPERTY IS LOCATED IN A FLOODLAND PRESERVATION DISTRICT.
LEGEND
LINES SURVEYED
LINES NOT SURVEYED
TIE LINES
INTERIOR P/L
R/W LINES
FENCE
BRANCH/STREAM
■ #4 REBAR (F)
○ #4 REBAR (S)
○ NO MONUMENTATION UNLESS OTHERWISE NOTED
T TEL BOX
℄ CENTERLINE
℄ PROPERTY LINE
WATER METER
(F) DENOTES "FOUND"
(S) DENOTES "SET"
EWF DENOTES "ELECTRIC WIRE FENCE"
CMP DENOTES "CORRUGATED METAL PIPE"
RCP DENOTES "REINFORCED CONCRETE PIPE"
NTS DENOTES "NOT TO SCALE"
LOCATION MAP NOT TO SCALE
SHOW CREEK RD
FORD PAPA RD
JAMES RD
STEELE RD
36" WHITE OAK
PIN 4729-44-2122
WILLIAM E. MASTERS and wife, JOYCE L. MASTERS
D.B. 1114 PG. 832
BENT 1" L PIPE (F)
REMAINDER OF PIN 4729-43-3529
ERCELLE P. JOHNSON REVOCABLE TRUST
PORTION OF DESCRIPTION - D.B. 2252 PG. 1780
REMAINING AREA = 20.785 ACRES
PIN 4729-33-9572
JAMES I. MASTERS
D.B. 478 PG. 299
House
80'
100'
15'
PORTION OF PIN 4729-43-3529
ERCELLE P. JOHNSON REVOCABLE TRUST
PORTION OF DESCRIPTION - D.B. 2252 PG. 1780
AREA = 8.727 ACRES
(TO BE RECOMBINED WITH PIN 4734-43-3022)
NAIL (F) AT BENT 3/4" L PIPE (F)
PIN 4728-43-3022
NEW TOTAL AREA AFTER RECOMBINATION = 7.425 ACRES
(INCLUDING 0.470 ACRE IN ROAD R/W, 1.168 ACRES IN TRANSMISSION LINE R/W & 0.114 ACRE IN BOTH ROAD R/W AND TRANSMISSION LINE R/W)
BENT 3" L PIPE (F)
1" SQUARE IRON (F)
SHOW CREEK RD
SR 1903 - (60' R/W)
PIN 4729-21-1150
SHOW CREEK ROAD
LOT 2 STEELE'S MILL
D.B. 2096 PG. 1481
PIN 4729-42-3060
JOHN L. MASTERS
D.B. 397 PG. 398
PIN 4729-42-3615
D. MARK JOHNSON and wife, KAREN C. JOHNSON
D.B. 1767 PG. 126
PIN 4729-43-3022
D. MARK JOHNSON and wife, KAREN C. JOHNSON
D.B. 2423 PG. 407
AREA = 5.848 ACRES
TOWER #24
HEADWALL
72" CMP
PIN 4729-43-7489
JERRY D. MISHOE, JR.
D.B. 1437 PG. 2562
PIN 4729-32-3427
JERRY D. MISHOE & REBECCA MISHOE
D.B. 762 PG. 740
OWNERSHIP CERTIFICATE
KNOW ALL MEN BY THESE PRESENTS, THAT I (WE) HEREBY CERTIFY THAT I (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ACKNOWLEDGE THIS PLAT AND ALLOTMENT TO BE MY (OUR) FREE ACT AND DEED.
OWNER/REPRESENTATIVE DATE
OWNER/REPRESENTATIVE DATE
OWNER/REPRESENTATIVE DATE
NORTH CAROLINA
_____ COUNTY
I, _____, A NOTARY PUBLIC FOR SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT _____ 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 _____
SCALE
1" = 80'
80 0 40 80 160 320
ORD FILE S:\1-ORDERS
DWG NO. MATT JOHNSON
SURVEY AND MAP PREPARED BY:
NICHOLAS D. WHITLEY, PLS 4952
1545 OLD MOCKSVILLE RD.
STATESVILLE, NC 28625
MOBILE:(704)880-5654
SHEET 1 OF 1
TAX ID: 4729-43-3022 & 4729-43-3529
FOR SOURCE OF TITLE REFER TO D.B. 2423 PG. 407 & D.B. 2252 PG. 1780
RECOMBINATION SURVEY OF PROPERTY OWNED BY:
ERCELLE P. JOHNSON REVOCABLE TRUST & D. MARK JOHNSON and wife, KAREN C. JOHNSON
SHARPESBURG TOWNSHIP IREDELL COUNTY, N.C.
SCALE: 1" = 80'
BOOK: NA
DATE OF SURVEY: FEBRUARY 11, 2023
DATE OF MAPPING: FEBRUARY 15, 2023