ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BB BLDR-2023-18385

PERMIT # OSWP 2023-15978

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

PIN # 4739 -- 02 -- 2679

APPLICANT/OWNER: Matthew Mason

APPLICANT ADDRESS: 802 Snow Creek Rd Statesville NC 28677

SITE ADDRESS: 802 Snow Creek Road Statesville NC 28677

PHONE: 7048805608

ALT. PHONE —

SITE DIRECTIONS: 115 to Snow Creek, site on (L)

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: —

SECTION: — LOT # — LOT AREA: 3.58 AC

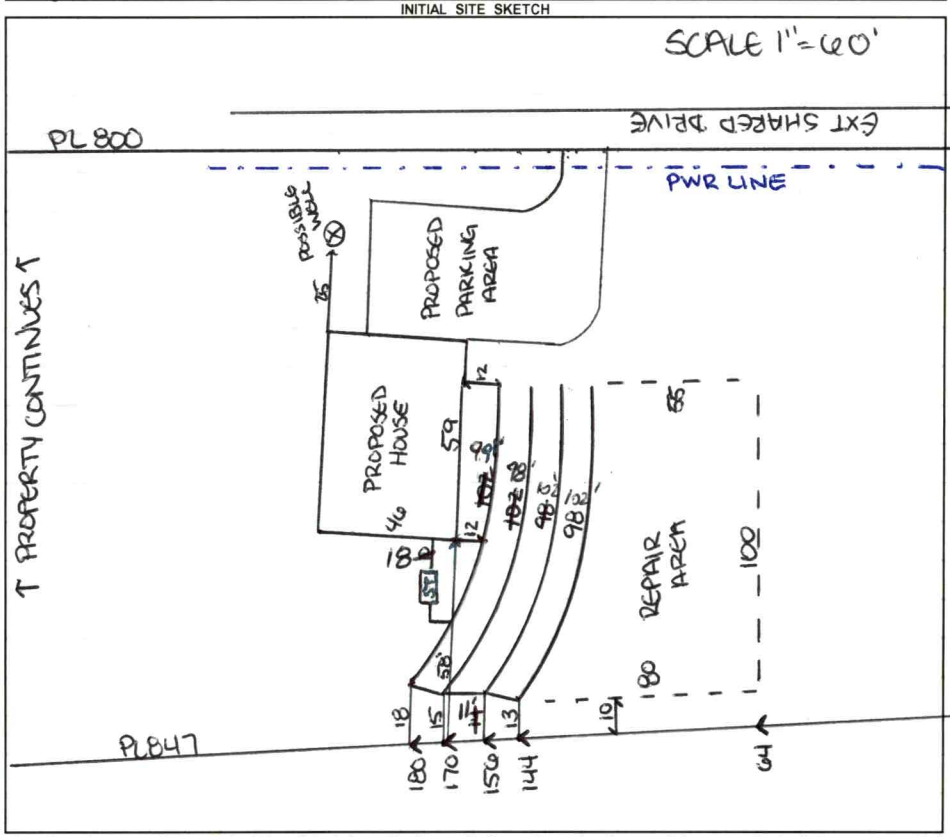
DESIGN FLOW: 480 L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date	3-18-2023	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	—	(gal)	PT —	Date	—	System Description:	Gravity 25%			☐ Business	No. Persons 8
Pump Make	—	Model	—	Serial #	—	Repair System Description:	Gravity 25%			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	400	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)		34" LS	Gravel Depth —		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Install on contour. Do not exceed 36" maximum trench depth. Do not pave, grade, park, drive, or construct on

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 SHOWN

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 Date: — Installed by: STUTTS GRADING

IMPROVEMENT PERMIT by: Sarah Barker Date: 3/3/2023 OPERATION PERMIT by: Burgett C. White Date: 5-2-2023

AUTHORIZATION TO CONSTRUCT by: Sarah Barker Date: 3/3/2023 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-2023-15978 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	02/09/2023
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Bracken, Sarah	**Approval Expire Date:**	
Description:					

Parcel: 4739022679.000 Main	**Address:** 802 Snow Creek Rd Statesville, NC 28625 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent
Matthew Mason
802 Snow Creek Rd
Statesville, NC 28677
Mobile: (704) 880-5608

Property Owner
Matthew Mason
Home: (704) 880-5608

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	Home and attached garage have a footprint of 58' 4" wide (parallel to road x 46' deep (perpendicular to road).	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	4
Foundation Type	Crawl Space Foundation	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	3.58
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_Matthew_Mason_2/9/2023.jpg	02/09/2023 8:31	Mason, Matthew		Uploaded via CSS
ICEH 802 Snow Creek Site Plan_v1.pdf	02/13/2023 8:12	Nebel, Barbara	Available Online	Site Plan
ICEH Authorization to Act_v1.pdf	02/13/2023 8:12	Nebel, Barbara	Available Online	Authorize to Act as Agent
Land Deed Transfer_v1.pdf	02/13/2023 8:12	Nebel, Barbara	Available Online	Additional Supporting Information

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-63034	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/16/2023			02/16/2023 8:24	02/16/2023 8:24

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	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00009076	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00009076	$577.25	$577.25

PERMIT SNAPSHOT REPORT (OSWP-2023-15978)

	Grand Total for Permit	$577.25	$577.25
Workflow Step / Action Name	**Action Type**	**Start Date**	**End Date**
Application Completeness Check v.1		02/13/2023 8:12	02/13/2023 8:12
Confirm application complete v.1	Generic Action		02/13/2023 8:12
Fees v.1		02/13/2023 9:52	02/15/2023 16:55
Issue Invoice v.1	Generic Action		02/13/2023 9:53
Fees Paid v.1	Generic Action		02/15/2023 16:55
Zoning Review v.1		02/13/2023 8:12	02/15/2023 17:01
Iredell County Zoning Approval v.1	Task	02/13/2023 8:12	02/15/2023 17:01
Issue Invoice v.1	Generic Action		02/13/2023 9:32
Fees Paid v.1	Generic Action		02/15/2023 17:01
Lot Readiness Verification v.1		02/17/2023 8:24	
OSWP Septic Preliminary Site Visit v.1	Inspection	02/17/2023 8:24	02/17/2023 8:25
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		

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: ~~Iredell~~
4739-02-2679

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

OWNER: Matthew Mason
ADDRESS: 802 Snow Creek Rd Statesville NC 28677
APPLICATION DATE 2/9/23
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480 GPD
DATE EVALUATED: ~~2/9/23~~ 2/27/23
LOCATION OF SITE: 802 Snow Creek Rd Statesville NC 28677
PROPERTY SIZE: 3.58
WATER SUPPLY: Private (Public) Well Spring Other
PROPERTY RECORDED:
EVALUATION METHOD: Auger Boring (Pit) Cut
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 8%	0-10	PLOW DIST	-		50	few SAP incl 44"+	-	PS 0.3
		10-50	C SBK	S P SE FR					
2	LS 4%	0-10	PLOW DIST	-		49	few SAP incl 32"+	-	PS 0.3
		10-30	C ABK	S P SE FR					
		30-49	CL WSBK	SS SP SE FR					
3	LS 6%	0-10	PLOW DIST	-		49	-	-	PS 0.3
		10-32	C ABK	S P SE FR					
		32-49	CL WSBK	SS SP SE FR					
4	LS 7%	0-7	PLOW DIST	-	Lateral water 24"/Root	49	-	-	PS 0.3
		7-25	C ABK	S P SE FR					
		25-49	CL WSBK	SS SP SE FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400' ~~[illegible]~~	400'
System Type(s)	G 25%	G 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS 0.3
EVALUATED BY: Sarah Bracken
OTHER(S) PRESENT:

COMMENTS: 34" TB

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.

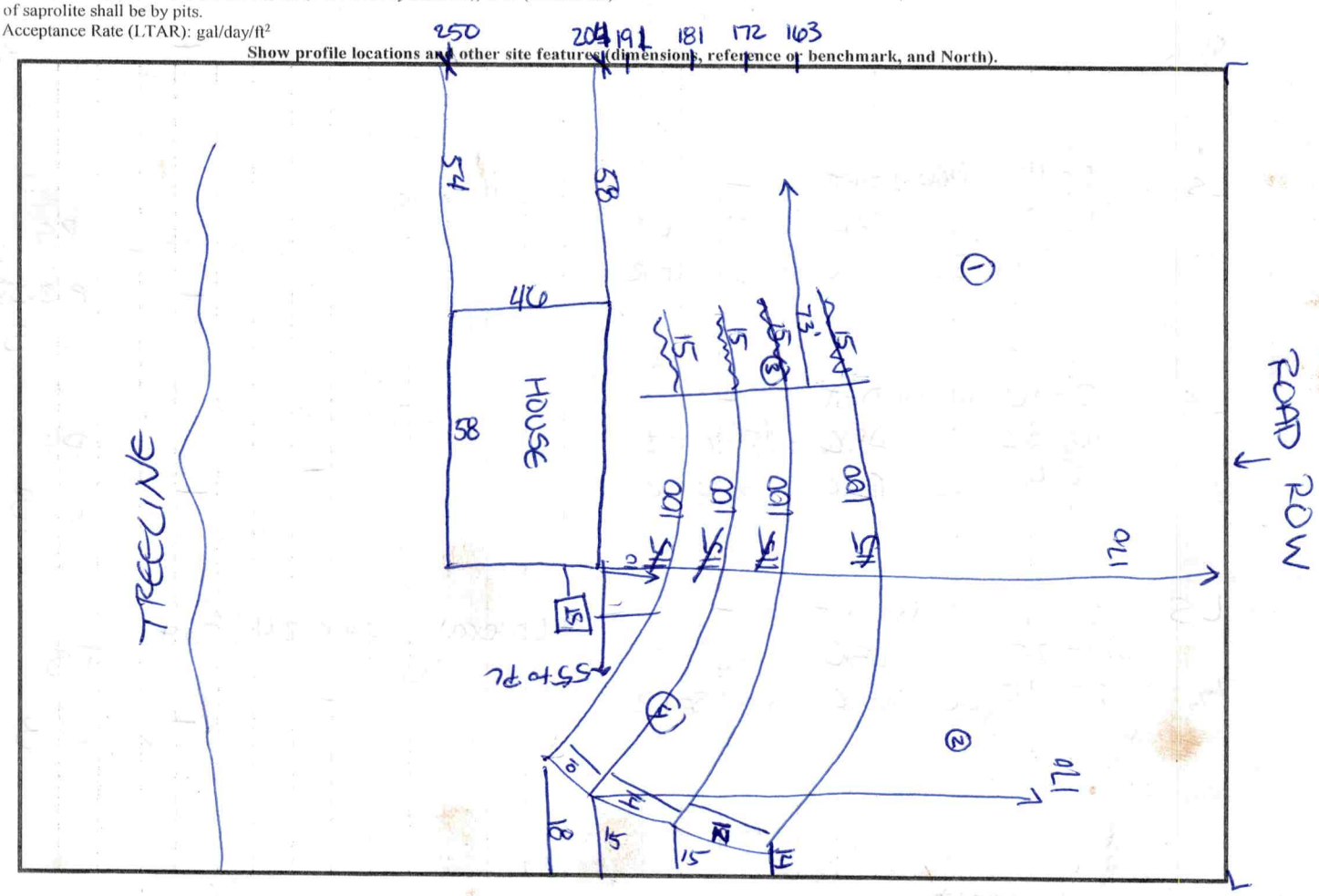
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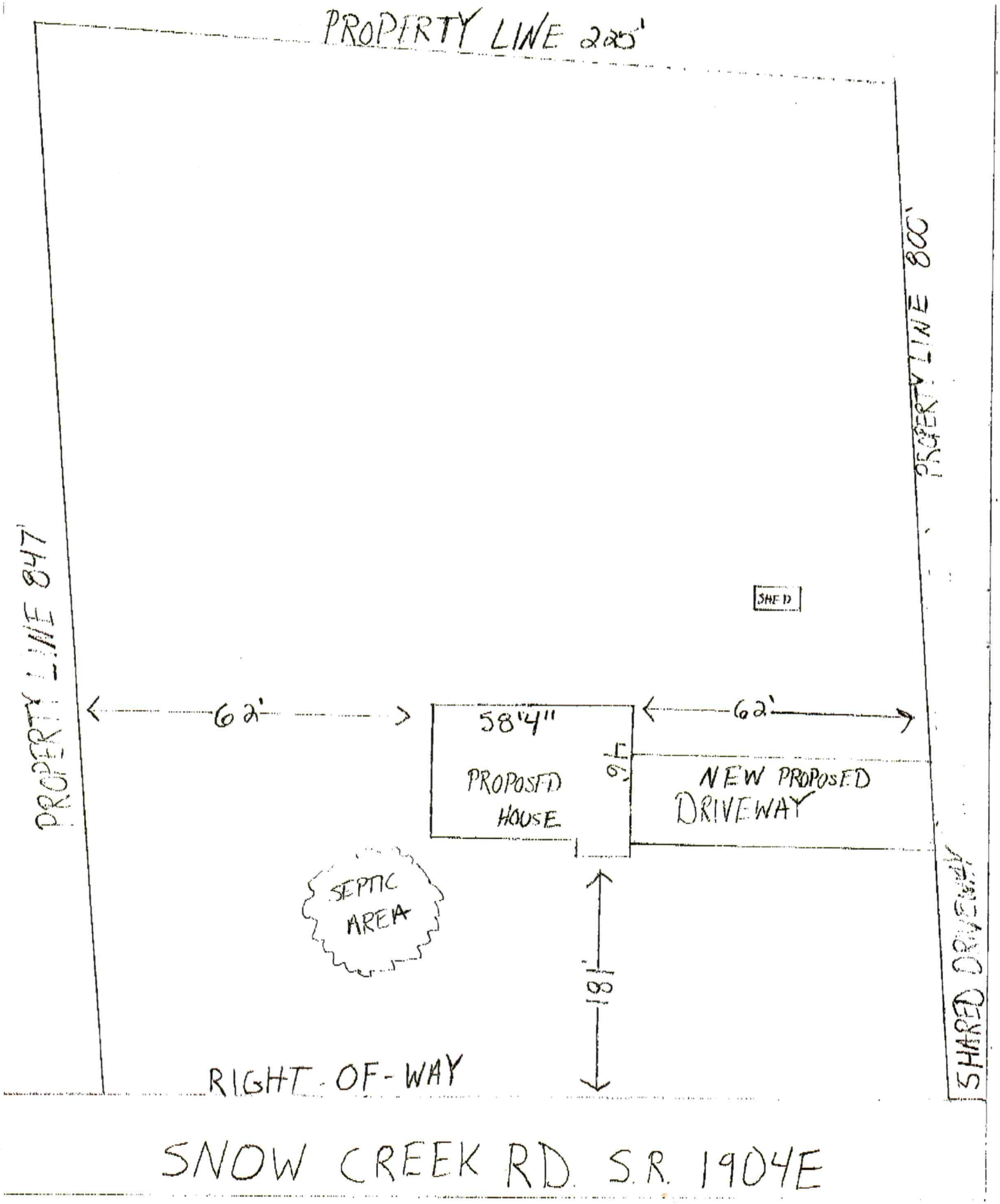
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




PROPERTY LINE 225'
PROPERTY LINE 847'
PROPERTY LINE 800'
SHED
62'
58'4"
62'
PROPOSED HOUSE
NEW PROPOSED DRIVEWAY
SEPTIC AREA
18'
RIGHT-OF-WAY
SHARED DRIVEWAY
SNOW CREEK RD. S.R. 1904E



Tax Map Information

• PIN	4739022679.000
• Address	802 SNOW CREEK RD
• Account #	Acct 80041917
• Tax Owner	MASON DEBORAH
• Mailing Address	800 SNOW CREEK RD
•	STATESVILLE, NC 28625
• GIS Owner	MASON MATTHEW B+KATHRYN L
• Deed Info	2973 / 2465 - WD - 20230207
• Tax Acres	3.58 AC
• Lot #	
• Description	SR1904 RICKERT
• Zoning	R-20
• Old Parcel #	0914G00000A038
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$46,610
• Total Value	$46,610
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY, NC

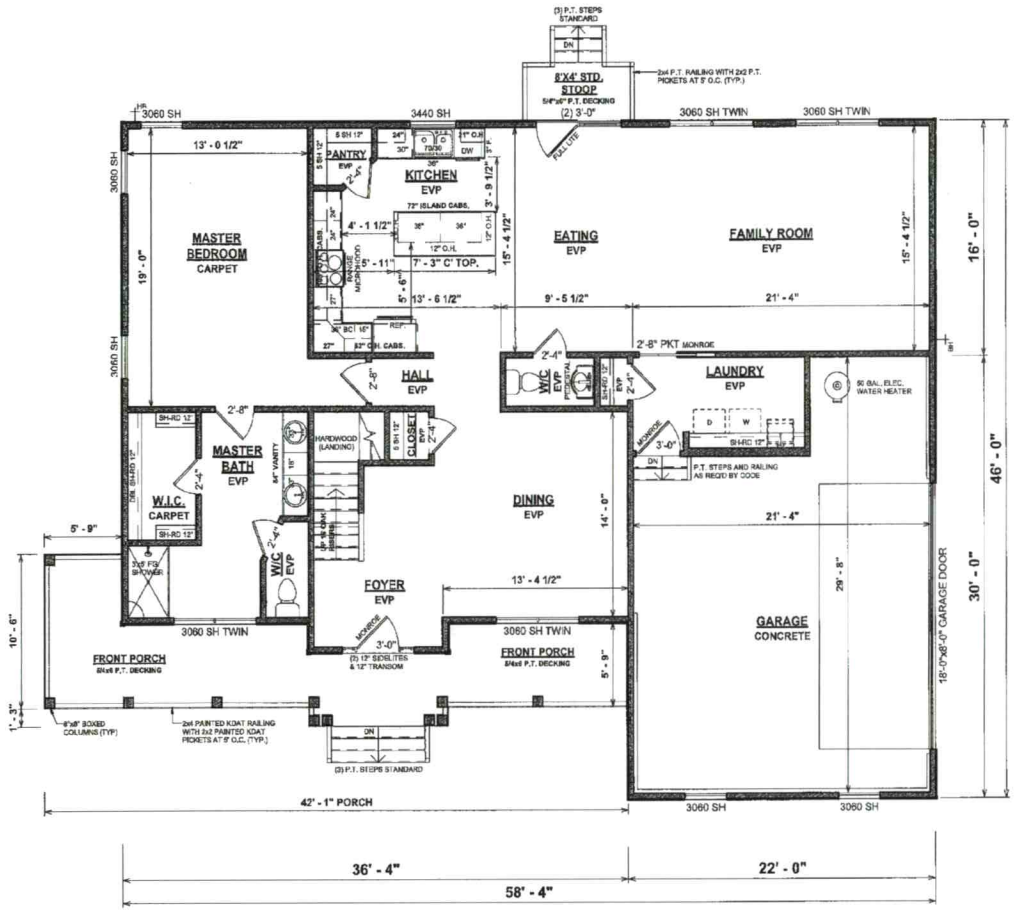
MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 02/24/2023
Data updated 02/24/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

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FIRST FLOOR PLAN

SPECIAL NOTES

- QUARTZ COUNTERTOPS AND LEVEL #1 TILE BACKSPLASH IN KITCHEN
- ROUGH IN ONLY FOR FUTURE UTILITY SING IN LAUNDRY ROOM
- INTERIOR DOOR STYLE - MONROE
- EVP FLOORING UPGRADE TO LEVEL 2

AREAS:	
FIRST FLOOR HEATED	1,668 SF
SECOND FLOOR HEATED	1,172 SF
	2,870 SF
GARAGE	569 SF
FRONT PORCH	262 SF
UNFINISHED	197 SF
	938 SF
TOTAL UNDER ROOF	3,808 SF
REAR STOOP	32 SF
TOTAL UNCOVERED	32 SF

REVISION SCHEDULE		
REV'#	DESCRIPTION	DATE

THE: WYNFIELD
FOR: MASON, KATHRYN & MATTHEW
OFFICE: SNOW CREEK ROAD STATESVILLE NC 28625 IREDELL - NC
SOLD BY: STATESVILLE J. SCHOOLEY

JOB #: 87-23-006
DRAWN BY: JOEL D.
CHECKED BY: JS
PRINTED: 3/1/2023 8:26:45 AM
FOUNDATION TYPE: CRAWL SPACE
PROPERTY OF:
SHEET #: DP-3
FIRST FLOOR DESIGN PLAN
2x4 EXTERIOR WALLS

© COPYRIGHT - 2023

03-02-23

3-2-23

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL DESIGN PLANS

OWNER INITIALS OWNER INITIALS THESE INITIALS INDICATE APPROVAL AND ACCEPTANCE OF THESE FINAL DESIGN PLANS.

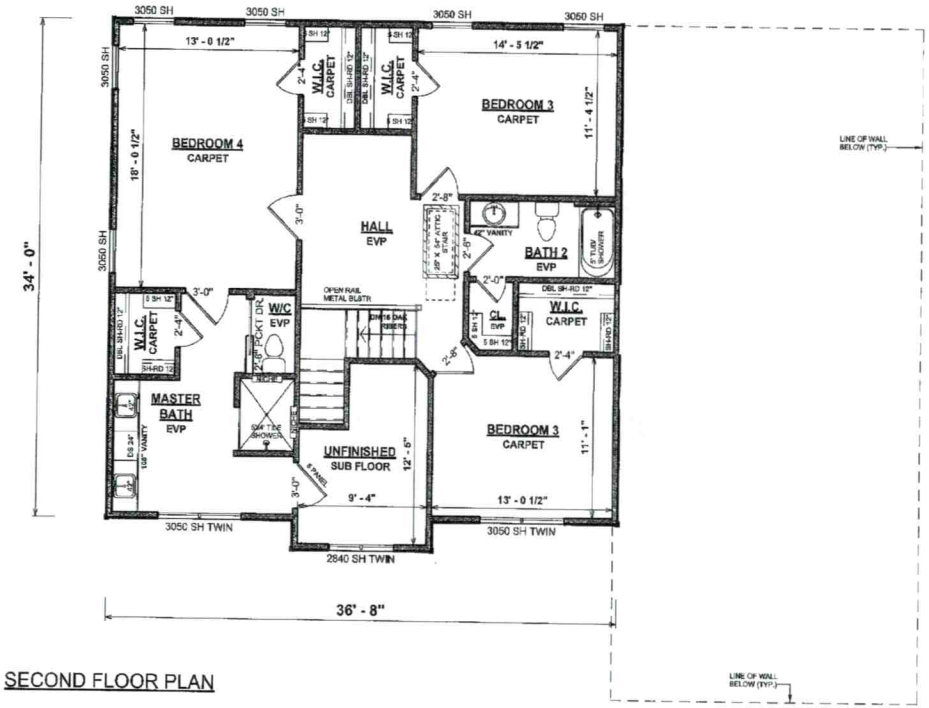
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PAPER SIZE: 11" x 17"

SCALE: 1/8" = 1'-0"

Tarsha Bracken 3/3/2023

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SECOND FLOOR PLAN

SPECIAL NOTES

- QUARTZ COUNTERTOPS AND LEVEL #1 TILE BACKSPLASH IN KITCHEN
- ROUGH IN ONLY FOR FUTURE UTILITY SING IN LAUNDRY ROOM
- INTERIOR DOOR STYLE - MONROE
- EVP FLOORING UPGRADE TO LEVEL 2

03-02-23

3-2-23

AREAS:	
FIRST FLOOR HEATED	1,698 SF
SECOND FLOOR HEATED	1,172 SF
	2,870 SF
GARAGE	568 SF
FRONT PORCH	262 SF
UNFINISHED	107 SF
	938 SF
TOTAL UNDER ROOF	3,808 SF
REAR STOOP	32 SF
TOTAL UNCOVERED	32 SF

REVISION SCHEDULE

REV #	DESCRIPTION	DATE

THE: WYNFIELD

FOR: MASON, KATHRYN & MATTHEW

SNOW CREEK ROAD STATESVILLE NC
28625 IREDELL - NC

OFFICE: STATESVILLE

SOLD BY: J. SCHOOLEY

DRAWN BY: JOEL D.

CHECKED BY: JS

PRINTED: 8/7/2023 9:26:45 AM

JOB #: 87-23-006

2x4 EXTERIOR WALLS

FOUNDATION TYPE: CRAWL SPACE

PROPERTY OF:

© COPYRIGHT - 2023

SHEET #: DP-4

SECOND FLOOR DESIGN PLAN

SCALE: 1/8" = 1'-0"

PAPER SIZE: 11" x 17"

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL DESIGN PLANS

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