ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # CW OSWP 2023-34207

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM / EXPANSION PIN #4874 -- 91 -- 3656

APPLICANT/OWNER: Bobby Sizemore APPLICANT ADDRESS: 136 Barnard Mill Rd Hamptonville NC 27020

SITE ADDRESS: 136 Barnard Mill Rd Hamptonville NC 27020 PHONE: 336 747 1347 ALT. PHONE —

SITE DIRECTIONS: (N) Hwy 21 → (L) Barnard Mill → site on (R) SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 37.5 AC DESIGN FLOW: 480 L.T.A.R.: 0.275

Septic Tank 1000 (gal) STB EXT Date EXT

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 3 NEW Linear Ft 219 NEW

Trench Width 36" Trench Bottom Depth(Low side) 32" Gravel Depth —

☐ 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

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

No. Bedrooms 4 No. Persons 8 No. Employees — ☒ Crawl Space

Water Supply: ☒ Private EXT ☐ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions: Install on contour. Utilize serial distribution
DO not exceed 36" max trench depth.

INITIAL SITE SKETCH

See attached site plan by ICHD.

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 Date: Installed by: Ron Adams

IMPROVEMENT PERMIT by: Sarah Williams Date: 9/20/23 OPERATION PERMIT by: Sarah Williams Date: 9/25/2023

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 9/20/23 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:		

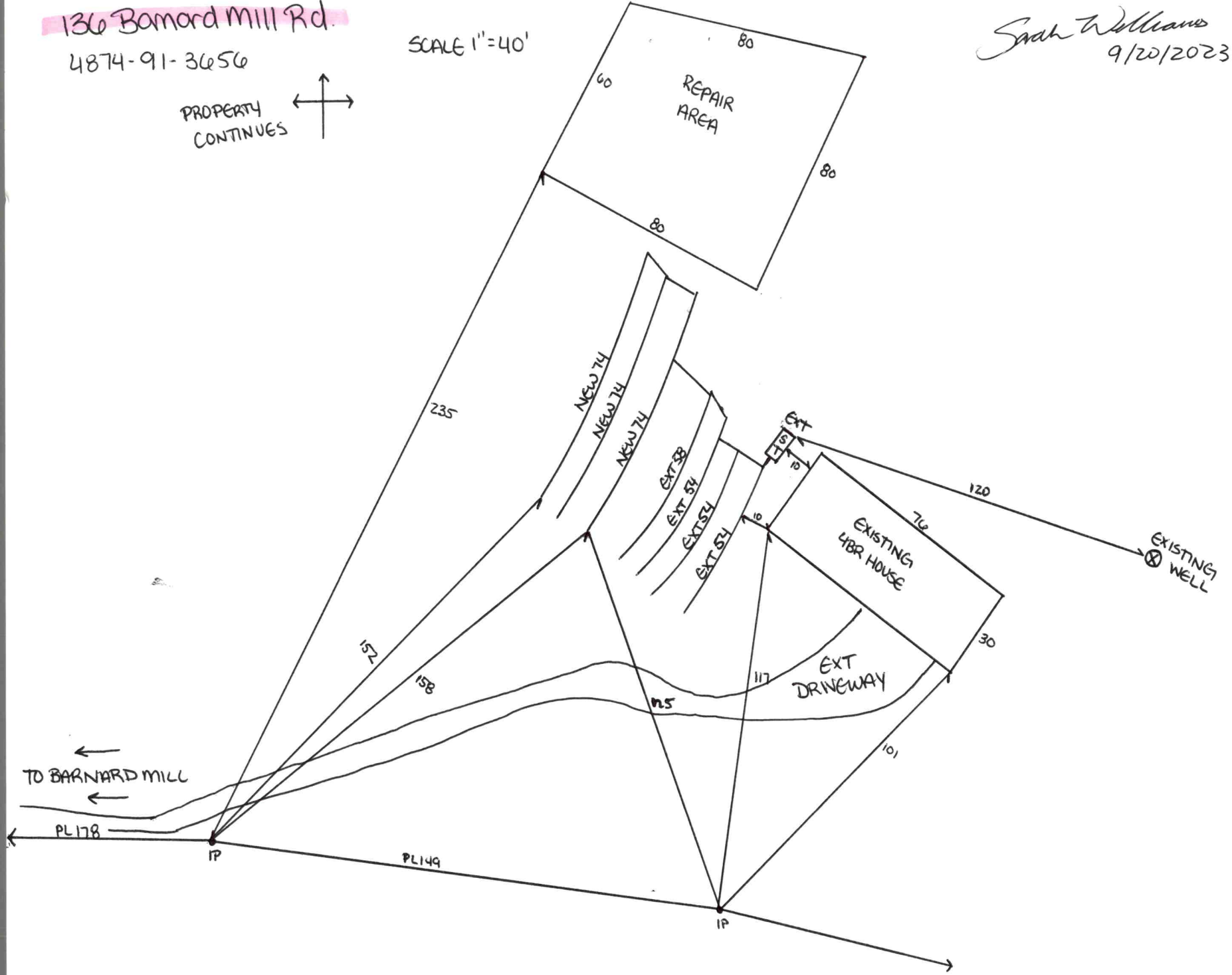
Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

136 Barnard Mill Rd.

4874-91-3656

SCALE 1"=40'

Sarah Williams
9/20/2023



PERMIT SNAPSHOT REPORT OSWP-2023-34207 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	08/17/2023
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:**	Bracken, Sarah	**Approval Expire Date:**	

Description: No zoning needed for building permit that already exist MANF-2023-23104 Septic Expansion 9/5 Called number for Bob Sizemore left VM. GM 9/6 Met w/owner Site ready 37.5 acres. GM

Parcel:	**Address:**	**Zone:**
4874913656.000 Main	136 Barnard Mill Rd Main Hamptonville, NC 27020	RU-R(Rural Residential District)

Project Contact	Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Ron Adams Home: (336) 244-6687 Mobile: (336) 244-6687	Bobby Sizemore 136 Barnard Mill Road Hamtonville, NC 27020 Mobile: (336) 749-1347	Bobby Sizemore 136 Barnard Mill Road Hamtonville, NC 27020 Mobile: (336) 749-1347	Ashley Engle Home: (336) 831-3682 Business: (336) 831-3682 Mobile: (336) 831-3682

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Expand septic to add bedrooms	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	This home was just completed - was under Permit # MANF 2023-23104. Certificate of Occupancy obtained 8/14/23. Instructed by Bryant White to immediately apply for Septic Expansion. Home is 76' x 30'4".
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain	No changes to the physical structure will be made. No additions or changes to the building.	Number of Occupants	7	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Number of Employees	0	Water Supply	Existing Well
Desired Septic System Type	Conventional (most common)	Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Bobby_Sizemore_8/17/2023.jpg	08/17/2023 9:36	Sizemore, Bobby		Uploaded via CSS
Authorize to Act 136 Barnard Mill Road_v1.pdf	08/17/2023 12:57	Nebel, Barbara	Available Online	Authorize to Act as Agent
4874913656.a1.111b-23.pdf	08/25/2023 10:10	Hart, Ronda	Available Online	2 Bd. Permit on file

Note	Created By	Date and Time Created
1. 9/5 Called number listed for Bob Sizemore left VM. GM	Grace McLeod	09/05/2023 8:56
2. 9/6 Met w/owner site ready 37.5 Acre property. GM	Grace McLeod	09/06/2023 12:59

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00019810	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00019810	$500.00	$500.00
	Grand Total for Permit	**$500.00**	**$500.00**

PERMIT SNAPSHOT REPORT (OSWP-2023-34207)

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		08/17/2023 12:59	08/17/2023 12:59
Confirm application complete v.1	Generic Action		08/17/2023 12:59
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Head Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		
Fees v.1		08/25/2023 10:09	09/05/2023 8:37
Issue Invoice v.1	Generic Action		08/25/2023 10:09
Fees Paid v.1	Generic Action		09/05/2023 8:37
~~**Zoning Review v.1**~~		08/17/2023 12:59	08/25/2023 10:01
~~Floodplain Admin Overview v.1~~	Task		08/25/2023 10:01
Iredell County Zoning Approval v.1	Task	08/17/2023 12:59	
~~Issue Invoice v.1~~	Generic Action		08/25/2023 10:01
~~Fees Paid v.1~~	Generic Action		08/25/2023 10:01
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
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

4874-91-3656

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

OWNER: Bobby Sizemore
ADDRESS: 136 Barnard Mill Rd
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 136 Barnard Mill Rd Hamptonville NC 27020
WATER SUPPLY: Private Public (Well) Spring Other —
EVALUATION METHOD: Auger Boring (Pit) Cut

APPLICATION DATE 8/17/23
DATE EVALUATED: 9/12/23
PROPERTY SIZE: 37.5 AC
PROPERTY RECORDED: Y
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 7-10%	0-10	C PLOW	SS SP SE FR	many SAP incl in CL 18-57 few YB in C	(57)		—	PS 0.275
		10-18	C SABK	SS SP SE FR					
		18-57	CL ABK	SS SP SE FR					
2	LS 7-10%	0-10	C PLOW	SS SP SE FR	few YB in PLOW SAP pocket 40-45 many SAP in CL 21-50	(50)		—	PS 0.275
		10-21	C ABK	SS SP SE FR					
		21-50	CL ABK	SS SP SE FR					
3	LS 7-10%	0-9	C PLOW	SS SP SE FR	mica in CL heavy SAP in CL 13-53 PLOW few YB	(53)		—	PS 0.275
		9-13	C ABK	SS SP SE FR					
		13-53	CL ABK	SS SP SE FR					
4	LS 7-10%	0-8	C PLOW	SS SP SE FR	heavy SAP in CL 30-53 few YB in C 0-30	(53)		—	PS 0.275
		8-30	C ABK	S P SE FR					
		30-53	CL ABK	SS SP SE FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	219	219
System Type(s)	G 25% Red.	G 25% Red
Site LTAR	PSO.275	PSO.275

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PSO.275
EVALUATED BY: S. Williams
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

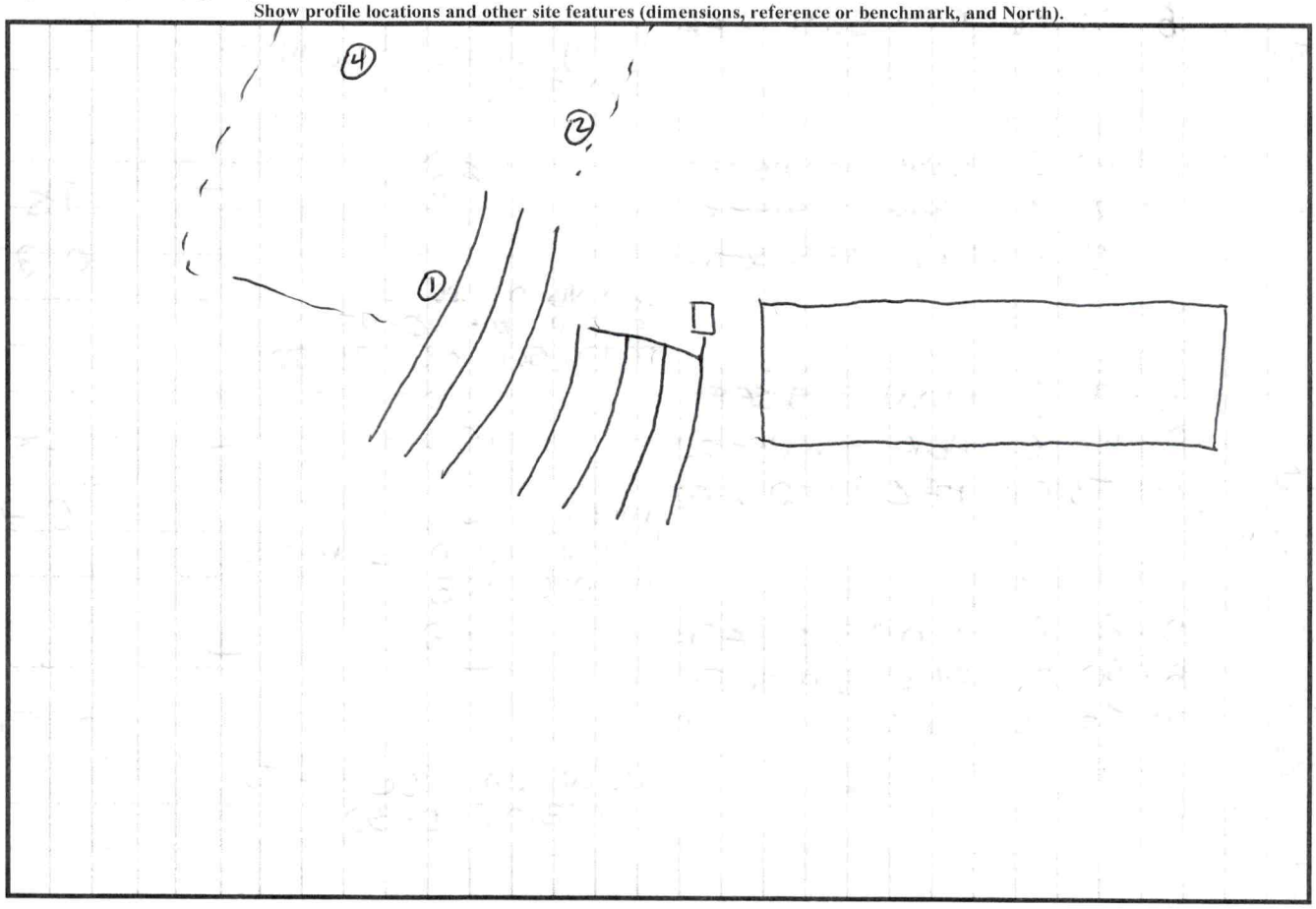
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

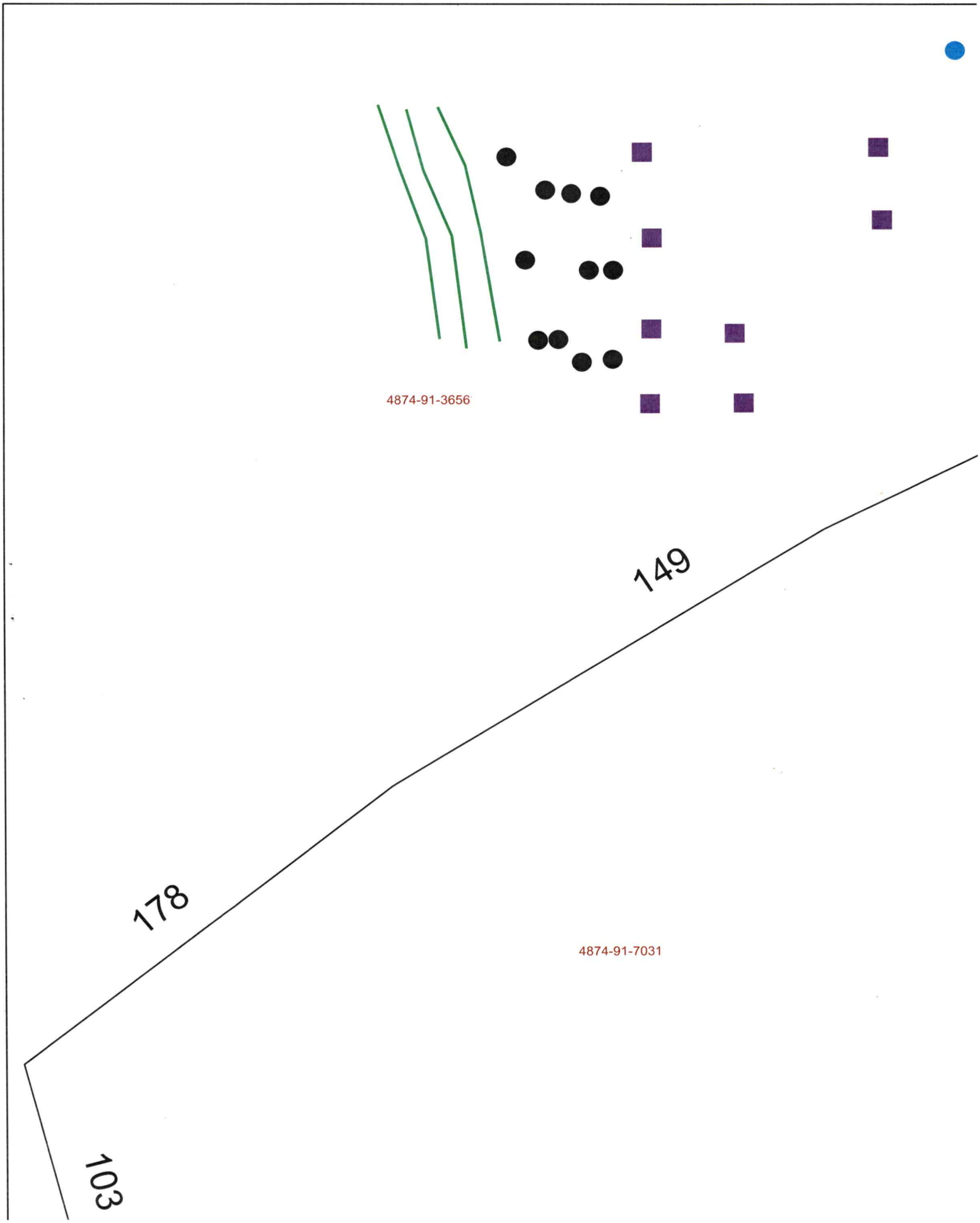
Evaluation of saprolite shall be by pits.

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

REPAIR (3)

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




4874-91-3656
149
178
4874-91-7031
103

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (36) Mooresville Office (704) 660-3625 PERMIT # MANF 2023-23104 OSWP-2023-20394

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

PIN # 4874 -- 91 -- 3656

APPLICANT/OWNER: BOBBY SIZEMORE APPLICANT ADDRESS: 136 BARNARD MILL ROAD, HAMPTONVILLE, N.C. 27020

SITE ADDRESS: 136 BARNARD MILL ROAD, HAMPTONVILLE, N.C. 27020 PHONE: 336-749-1347 ALT. PHONE 336-831-3682

SITE DIRECTIONS: (N) on 21, (L) on BARNARD MILL, LOT on (R) SAP CONTROLLED: ☐ YES ☑ NO

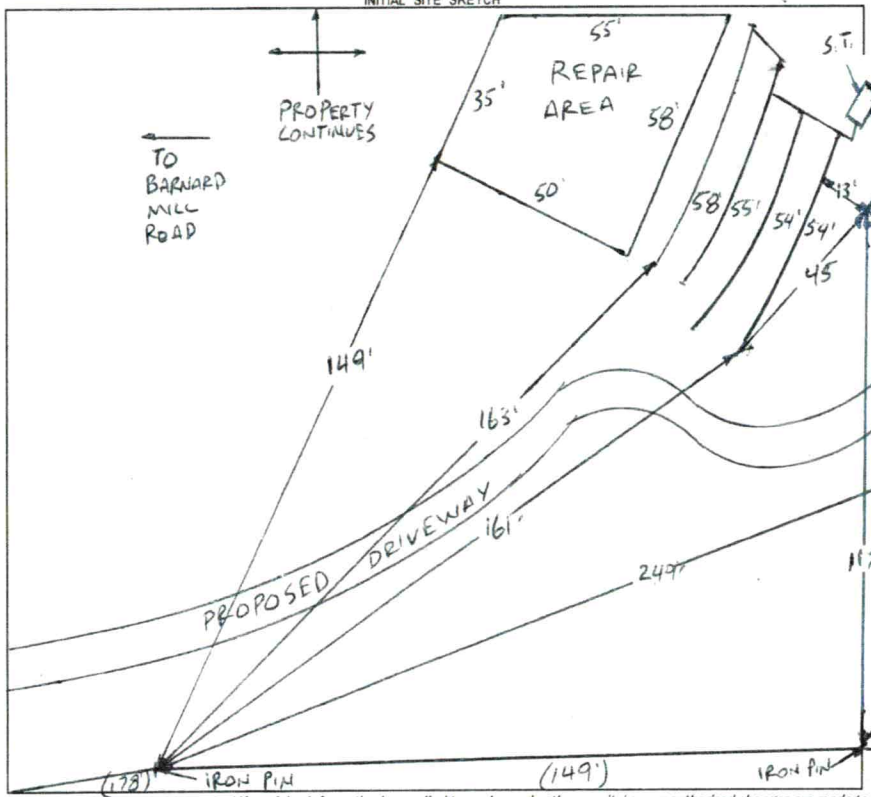
SUBDIVISION: - SECTION: - LOT # - LOT AREA: 37.5 AC DESIGN FLOW: 240 GPD L.T.A.R.: 0.275

Septic Tank	1000	(gal)	STB	760	Date	4/11/23	☑ 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	4	Linear Ft	219 FT	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 IN		Trench Bottom Depth(Low side)	32 IN	Gravel Depth	-	☑ GRAVITY	☐ PRESSURE			

☑ Residence	No. Bedrooms	2	**Water Supply**
☐ Business	No. Persons	4	☑ Private
☐ Other	No. Employees	-	☐ Public
☐ Slab	☑ Crawl Space		☐ Community
☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36IN MAX TRENCH DEPTH

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.

1 IN = 40 FT
S.T. = SEPTIC TANK

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 SIGNTURE Date: — Installed by: Ron Adams Excavating

IMPROVEMENT PERMIT by: Burnett C. White Date: 4-27-2023 OPERATION PERMIT by: Sarah Backer Date: 5/23/23

AUTHORIZATION TO CONSTRUCT by: Burnett C. White Date: 4-27-2023 Existing System Inspected by: Date:

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