ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MANF - 2023 - 21234

PERMIT # 2023-16400

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

PIN # 4763 -- 14 -- 0854

APPLICANT/OWNER: Jeremy L Plyler

APPLICANT ADDRESS: 313 Pilch Rd, Troutman, NC 28166

SITE ADDRESS: 2302 Salisbury Hwy, Statesville, NC 28677

PHONE: (704) 339-9700

ALT. PHONE: -

SITE DIRECTIONS: ① N Center St. ① US-70 E / Garner Bagnal Blvd

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: -

SECTION: - LOT # - LOT AREA: .744 AC

DESIGN FLOW: 360 L.T.A.R.: .225

Septic Tank	1000	(gal)	STB	4/16/23	Date	760	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	4/9/23	System Description:	25% Reduction - PM			
Pump Make	Zoeller	Model		153	Serial #	2K23E10X	Repair System Description:	50% Reduction - Horizontal - PM			
# Nitrification Fields	1	# Lines		4	Linear Ft	400	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 in	Trench Bottom Depth(Low side)		18	Gravel Depth	N/A		☐ GRAVITY	☑ PRESSURE		

☑ Residence ☐ Business ☐ Other ☐ Slab ☑ Crawl Space ☐ Basement w/plumbing

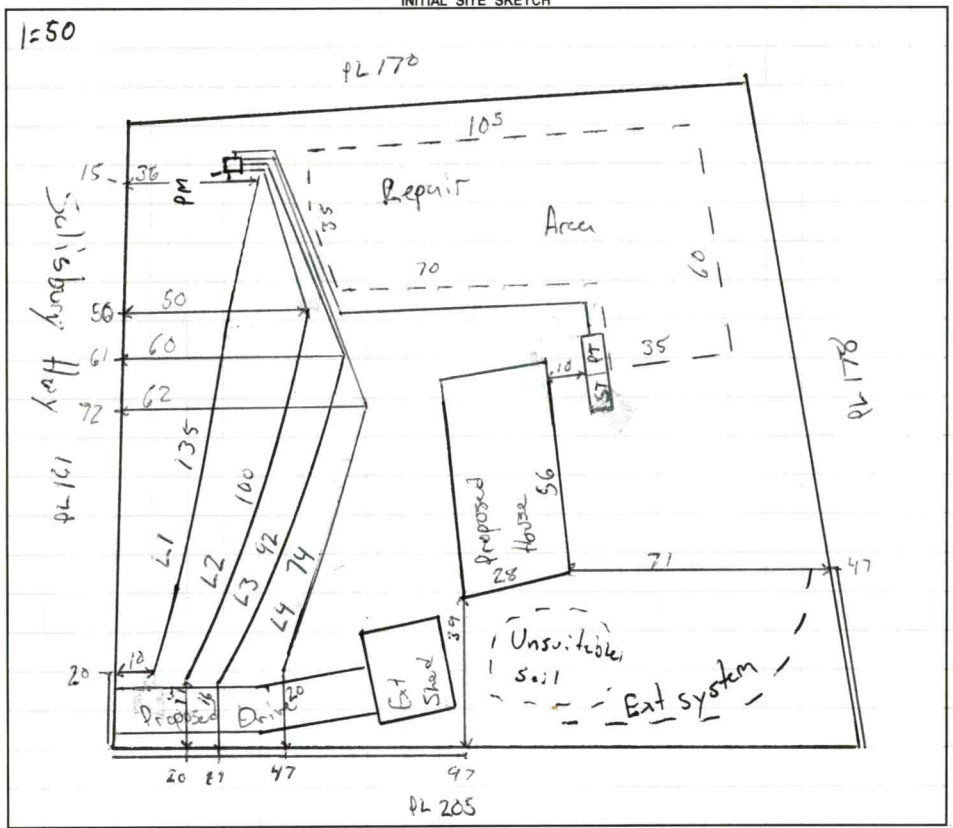
No. Bedrooms: 3 No. Persons: 6 No. Employees: -

Water Supply: ☐ Private ☑ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions: Install on contour. Do not exceed on 18 in low side. System must be installed in exact spot due to soil conditions. 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.

Temps
L1: 3/4" sch 80 @ 10.1
L2: 1/2" sch 40 @ 7.11
L3: 1/2" sch 40 @ 7.11
L4: 1/2" sch 80 @ 5.48
flow: 29.8
Volume: 182
Time: 6.1
Drawdown: 8.7

Lines
Tanks SB 5/26/23
drawdown
Installed as shown.

Pressure Head
Electrical 8/29/23
Alarm MW
Floats

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 Wilkie Date: 3/29/23 OPERATION PERMIT by: Matt Wilkie Date: 8/29/23

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 4/5/23 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? _____	

Sheet 1 of 1
PROPERTY ID #: 4763140854
COUNTY: Iredell

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

OWNER: Jeremy Plyler
ADDRESS: 313 Finch Rd
PROPOSED FACILITY: SFR
LOCATION OF SITE: 230 Salisbury Hwy
APPLICATION DATE: 2/15/23
DATE EVALUATED: 3/27/23
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: .749
PROPERTY RECORDED: yes

WATER SUPPLY: Private Public Well Spring Other
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 6%	0-16	SCL / SBK	ns np fr SE	10YR 6/2 at 30 2.5Y 5/3 in C	50	Litho in C	-	PS .225
		16-27	C / ABK	ss sp fr SE					
		27-50	CL / ABK	ss sp fr SE					
2	LS 5%	0-20	fill	ns np fr SE	-	50	Sap inclusions in CL	-	PS .25 wet fill
		20-32	SCL/Gr	ns np fr SE					
		32-50	C/SBK	ss sp fr SE					
3	LS 5%	0-8	SCL/Gr	ns np fr SE	10YR 6/2 at 24-58	58	-	Platy Structure 24-32	Un
		8-24	C/SBK, Platy	ss sp fr SE					
		24-58	CL, ABK	s vp fi se					
4	LS 5%	0-8	SCL/Gr	ns np fr SE	10YR 6/1 35+ YB beg in at 30	55	-	-	PS .2 Shallow
		8-32	C / SBK	ss sp fr SE					
		32-55	CL, ABK	s p fi SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	50% H
Site LTAR	.225	.225

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

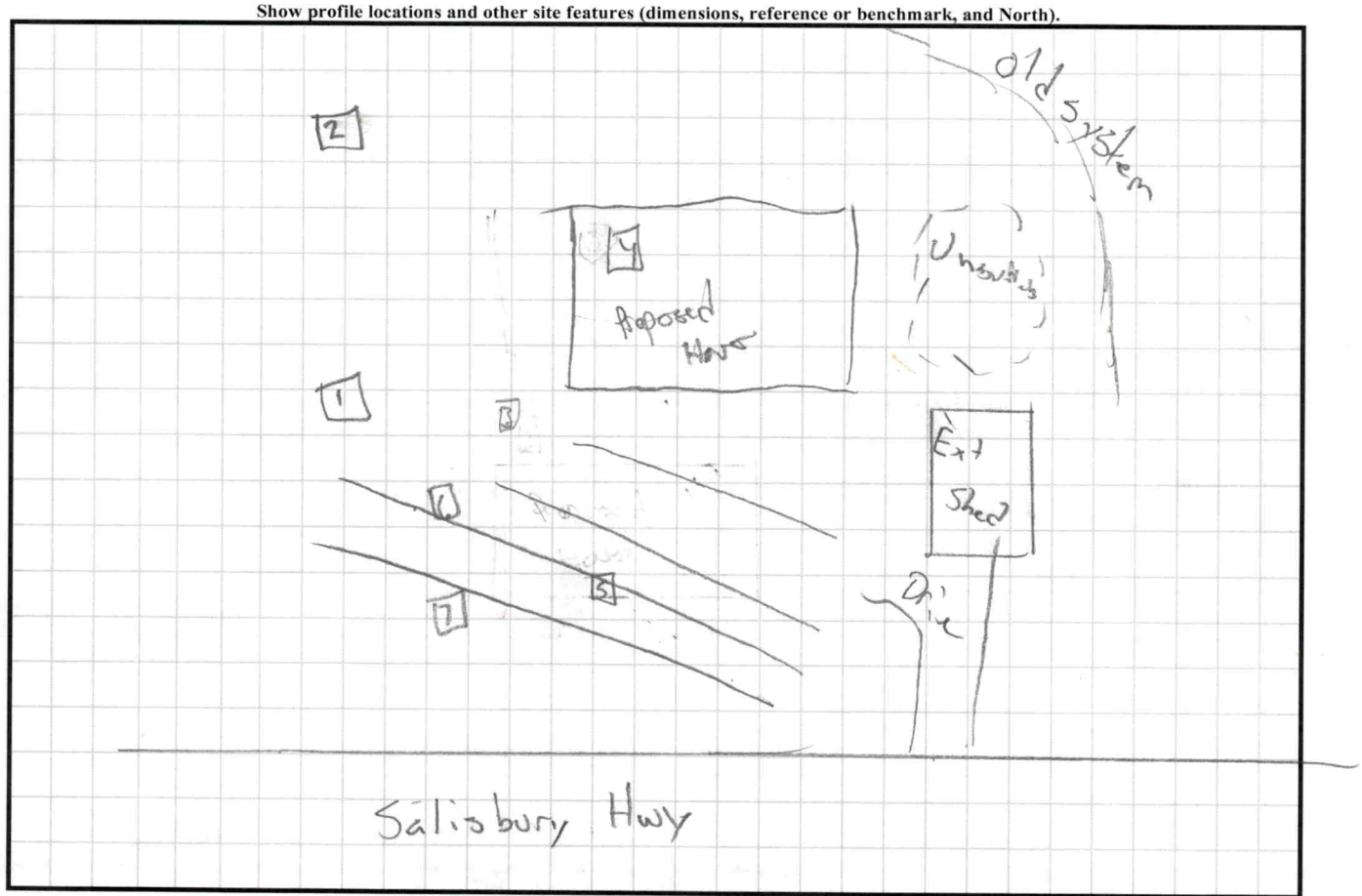
NOTES

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

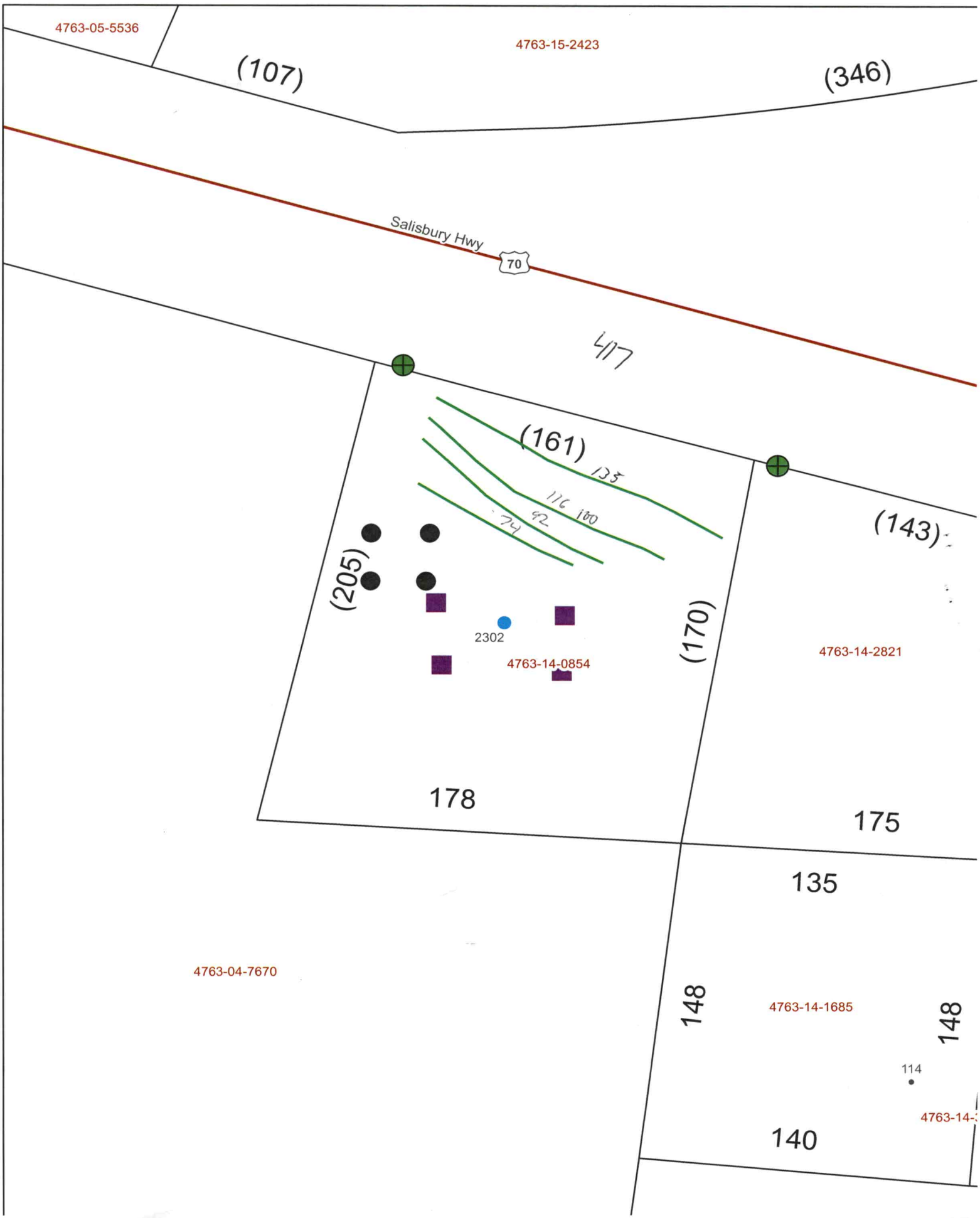
Show profile locations and other site features (dimensions, reference or benchmark, and North).



3% S | 0-10 SCL/Gr ns mp fr SE | 10YR 6/4 | PS
10-33 C/SBK ss sp fr SE | at 36 | .225
33-55 CL/SBK s p fr SE | YB begin at 30

3% (6) | 0-9 SCL/Gr ss sp fr SE | 10YR 6/2 | PS
9-35 C/SBK ss sp fr SE | 40+
35-52 CL/SBK ss sp fr SE | YB 25+ | .225

2% 7 | 0-5 Fill
5-12 SCL/Gr ss sp fr SE | 10YR 6/2 32+ | PS
12-27 C/SBK ss sp fr SE
27-52 CL/ABK s p fr SE | YB 23+ | .225


4763-05-5536
4763-15-2423
(107)
(346)
Salisbury Hwy
70
417
(161)
135
116
100
92
74
(205)
2302
4763-14-0854
(170)
(143)
4763-14-2821
178
175
135
4763-04-7670
148
4763-14-1685
148
114
140

PERMIT SNAPSHOT REPORT OSWP-2023-16460 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Description: new septic system for new doublewide

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

App Date: 02/15/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4763140854.000 Main

Address: 2302 Salisbury Hwy Main
Statesville, NC 28677

Zone: RA(Residential Agricultural District)

Property Owner
RICHARD A ANTHONY

Applicant/Authorized Agent
JEREMY L PLYLER
313 Pilch Rd
Troutman, NC 28166
Business: (704) 339-9700

Permit Custom Fields

All proposed structure dimensions	28'x56' doublewide	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	4	If other septic system type, please explain		Lot Acreage	0.749
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Notes/Addendums	REQUIREMENTS FOR ALL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved.	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_JEREMY_L_2/15/2023.jpg	02/15/2023 9:55	PLYLER, JEREMY L		Uploaded via CSS
anthony_v1.jpg	02/15/2023 16:27	French, Penny	Available Online	Authorize to Act as Agent
salisburyhwy_v1.pdf	02/16/2023 12:13	Nebel, Barbara	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date

PERMIT SNAPSHOT REPORT (OSWP-2023-16460)

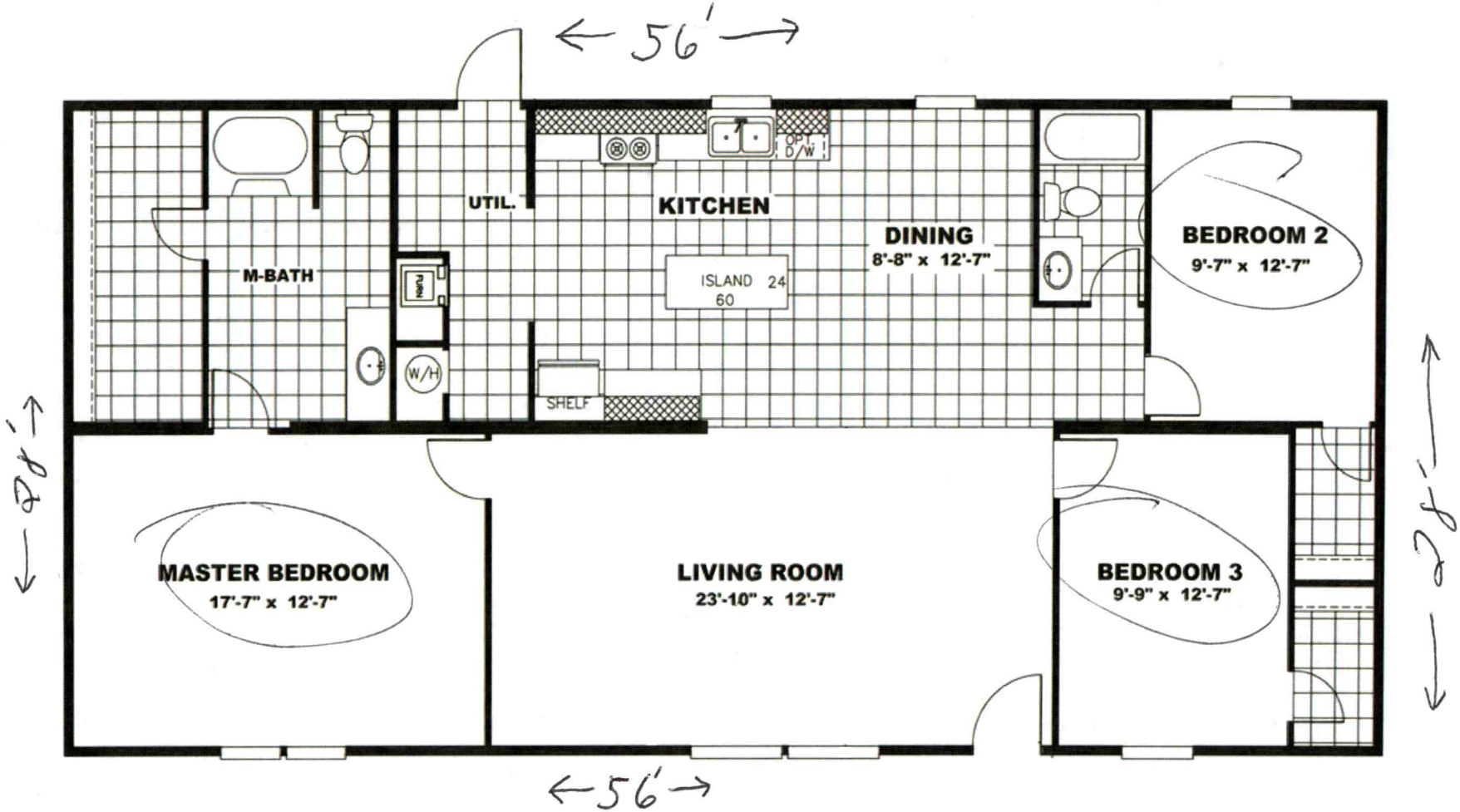
2023-73644	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/21/2023	03/21/2023 11:53	03/21/2023 11:53

Inspectors: Bracken, Sarah (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-00009419	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00009419	$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		02/16/2023 12:13	02/16/2023 12:14
Confirm application complete v.1	Generic Action		02/16/2023 12:14
Fees v.1		02/23/2023 8:09	03/15/2023 13:34
Issue Invoice v.1	Generic Action		02/23/2023 8:09
Fees Paid v.1	Generic Action		03/15/2023 13:34
Zoning Review v.1		02/16/2023 12:13	03/15/2023 13:34
Iredell County Zoning Approval v.1	Task	02/16/2023 12:13	03/15/2023 13:34
Issue Invoice v.1	Generic Action		02/17/2023 16:01
Fees Paid v.1	Generic Action		03/15/2023 13:34
Lot Readiness Verification v.1		03/21/2023 11:53	
OSWP Septic Preliminary Site Visit v.1	Inspection	03/21/2023 11:53	03/21/2023 11:53
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		



Acknowledgement Of Plans Submittal ONLY!

Ashley Plyler Date 4/5/23

Date 4/5/23