BLDR-2025-74004 BCVI

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-...

PERMIT : OSWP 2024-670168

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

PIN # 4629 -- 73 -8374

APPLICANT/OWNER: Darren Stevenson | APPLICANT ADDRESS: 459 Stillwater Rd, Troutman 28166

SITE ADDRESS: 144 Willow Point Rd, Troutman 28166 | PHONE: 704-902-0193 | ALT. PHONE -

SITE DIRECTIONS: State Park - Morrison Farm - Willow Point | SAP CONTROLLED: ☐ YES ☒ NO

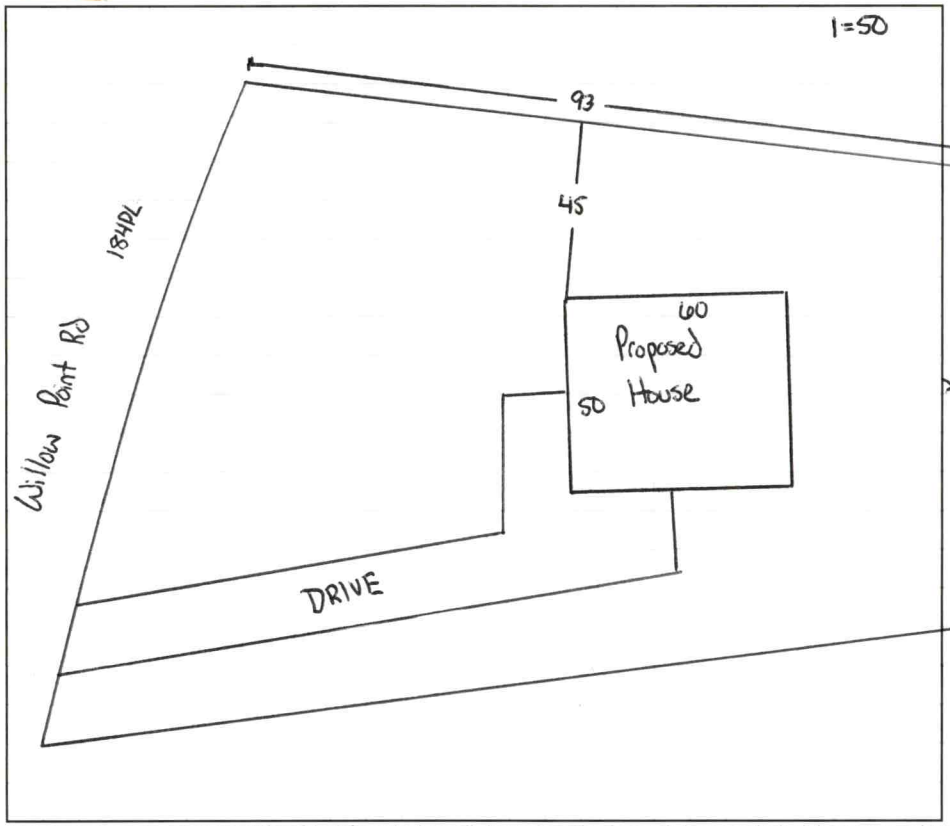
SUBDIVISION: Morrison Point South + Hawkes Bay SECTION: - | LOT # 3428-06 | LOT AREA: 1.45 | DESIGN FLOW: 120 gpd | L.T.A.R.(Initial): 0.325 | L.T.A.R (Repair): 0.325

Septic Tank 1000 (gal)	STB 760	Date	☒ New System ☐ Repair ☐ Expansion	System Type: I (II) III IV V VI	☒ Residence	No. Bedrooms 1	Water Supply
Pump Tank (gal)	PT	Date	System Description: 25% reduction		☐ Business	No. Persons 2	☐ Private
Pump Make	Model	Serial #	Repair System Description: 25% reduction		☐ Other	No. Employees	☒ Public
# Nitrification Fields 1	# Lines 3	Linear Ft 100'	Maintenance Agreement Required: ☐ YES ☒ NO		☒ Slab	☐ Crawl Space	☐ Community
Trench Width 36in	*Max. Trench Depth(Initial) 28in	*Max. Trench Depth(Repair) 28in	Gravel Depth -	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

* Measured on the downhill side of the trench | Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 48in | Usable Depth to LC (Repair): 48in | *Limiting Condition*

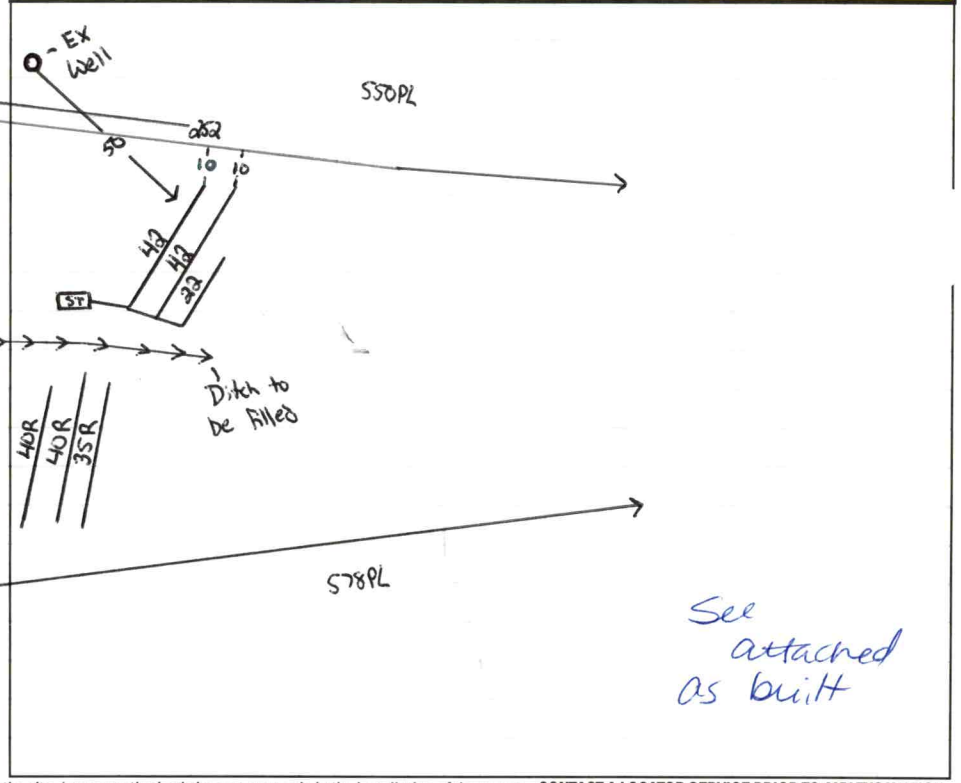
Comments / Conditions: Do not drive, park, or grade on septic area.

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.



See attached as built

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.*

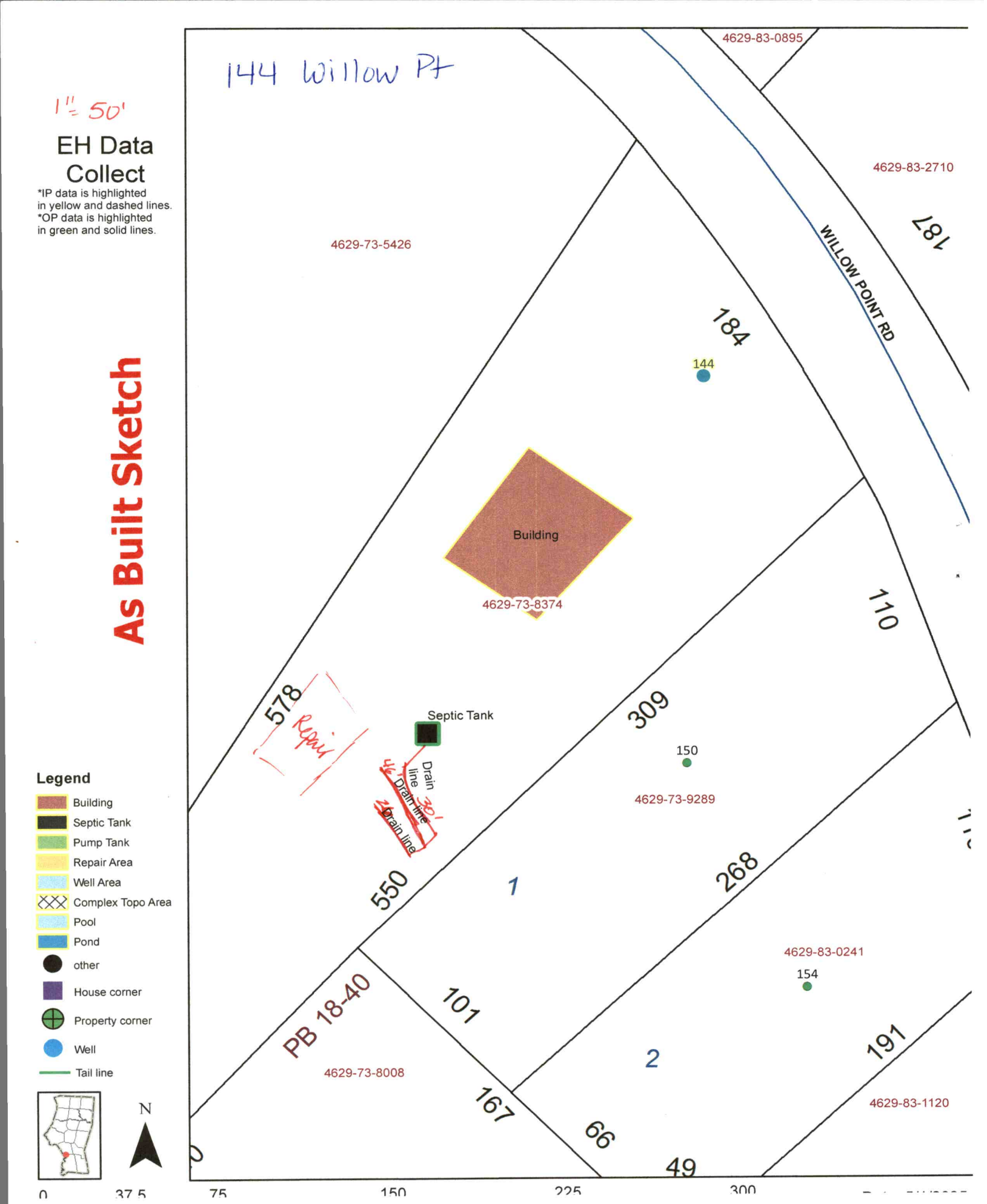
Owner / Applicant Signature: Online Signature | Date: | Installed by: Joey Simmons

IMPROVEMENT PERMIT by: Cory Hill | Date: 4/8/25 | OPERATION PERMIT by: D Wrieberg | Date: 4/30/25

AUTHORIZATION TO CONSTRUCT by: Cory Hill | Date: 4/8/25 | Existing System Inspected by: | Date:

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? _____	


144 Willow Pt
1" = 50'
EH Data Collect
*IP data is highlighted in yellow and dashed lines.
*OP data is highlighted in green and solid lines.
As Built Sketch
4629-83-0895
4629-83-2710
4629-73-5426
WILLOW POINT RD
187
184
144
Building
4629-73-8374
110
578
Repair
Septic Tank
309
Drain line
46'
Drain line
30'
Drain line
150
4629-73-9289
550
1
268
4629-83-0241
154
PB 18-40
101
2
191
4629-73-8008
167
66
49
4629-83-1120
Legend
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
N
0
37.5
75
150
225
300

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

PROPERTY ID #: 4629738374
COUNTY: Iredell

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Darren Stevenson DATE EVALUATED: 4/3/25
ADDRESS: 459 Stillwater Rd, Troutman
PROPOSED FACILITY: 1 DD/C home PROPOSED DESIGN FLOW (.0400): 120 gpd PROPERTY SIZE: 1.45
LOCATION OF SITE: 144 Willow Point Rd, Troutman PROPERTY RECORDED: yes
WATER SUPPLY: X Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 10'
EVALUATION METHOD: Auger Boring X Pit Cut TYPE OF WASTEWATER: X Domestic High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 10%	0 - 8	SCL SBK	SS SP FR SE	-	53	-	-	.325 S	4
		8 - 25	C SBK	SS SP FR SE						
		25 - 53	CL SBK	SS SP FR SE						
2	LS 10%	0 - 23	C SBK	SS SP FR SE	-	48	SAP inc in CL layer	-	.325 S	4
		23 - 48	CL SBK	SS SP FR SE						
3	LS 10%	0 - 26	C SBK	SS SP FR SE	-	54	SAP inc in CL layer		.325 S	4
		26 - 54	CL SBK	SS SP FR SE						
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	S	S
System Type(s)	25%	25%
Site LTAR	.325	.325
Maximum Trench Depth	36in	36in

SITE CLASSIFICATION (.0509): S
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: _____

Comments: _____

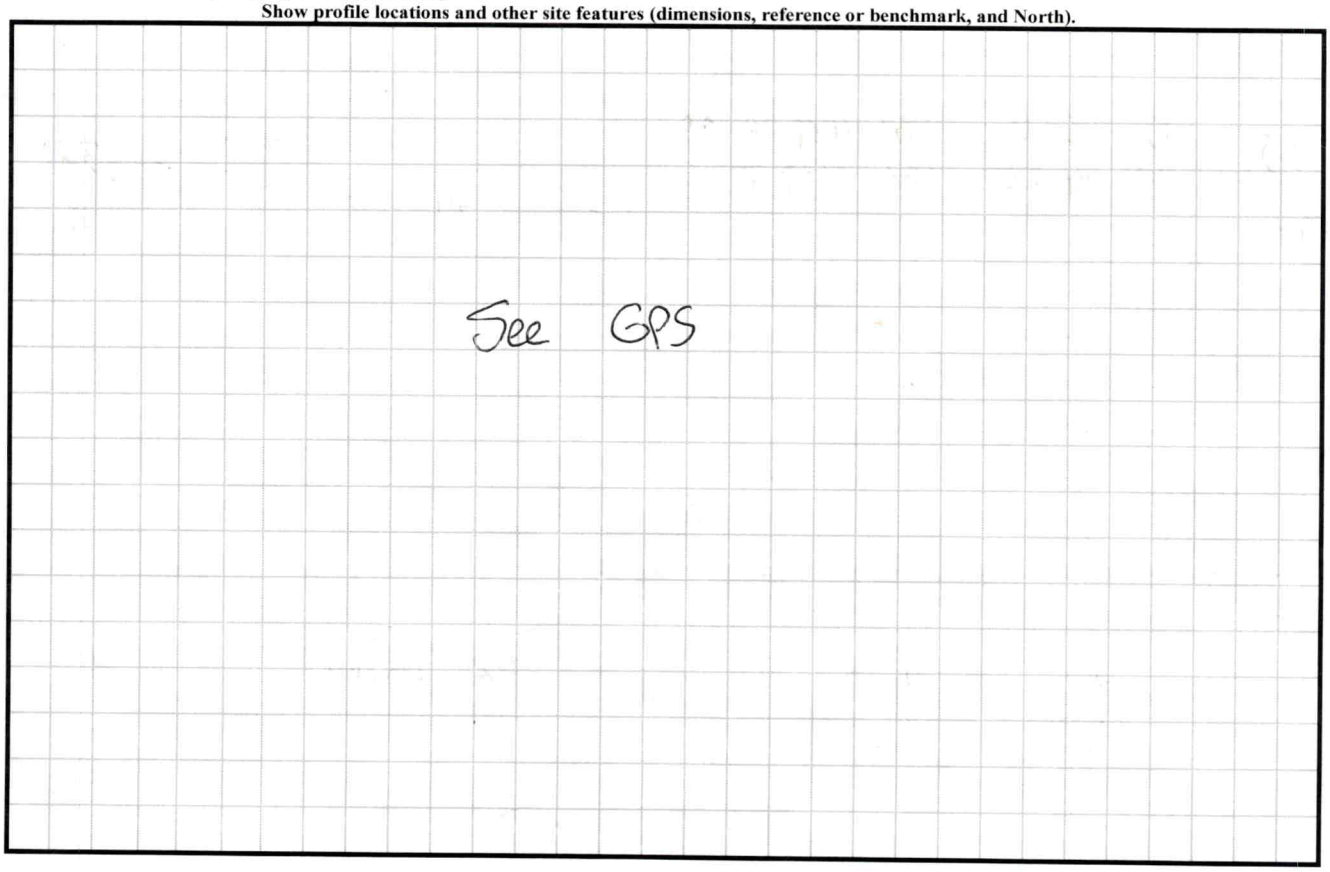
LEGEND

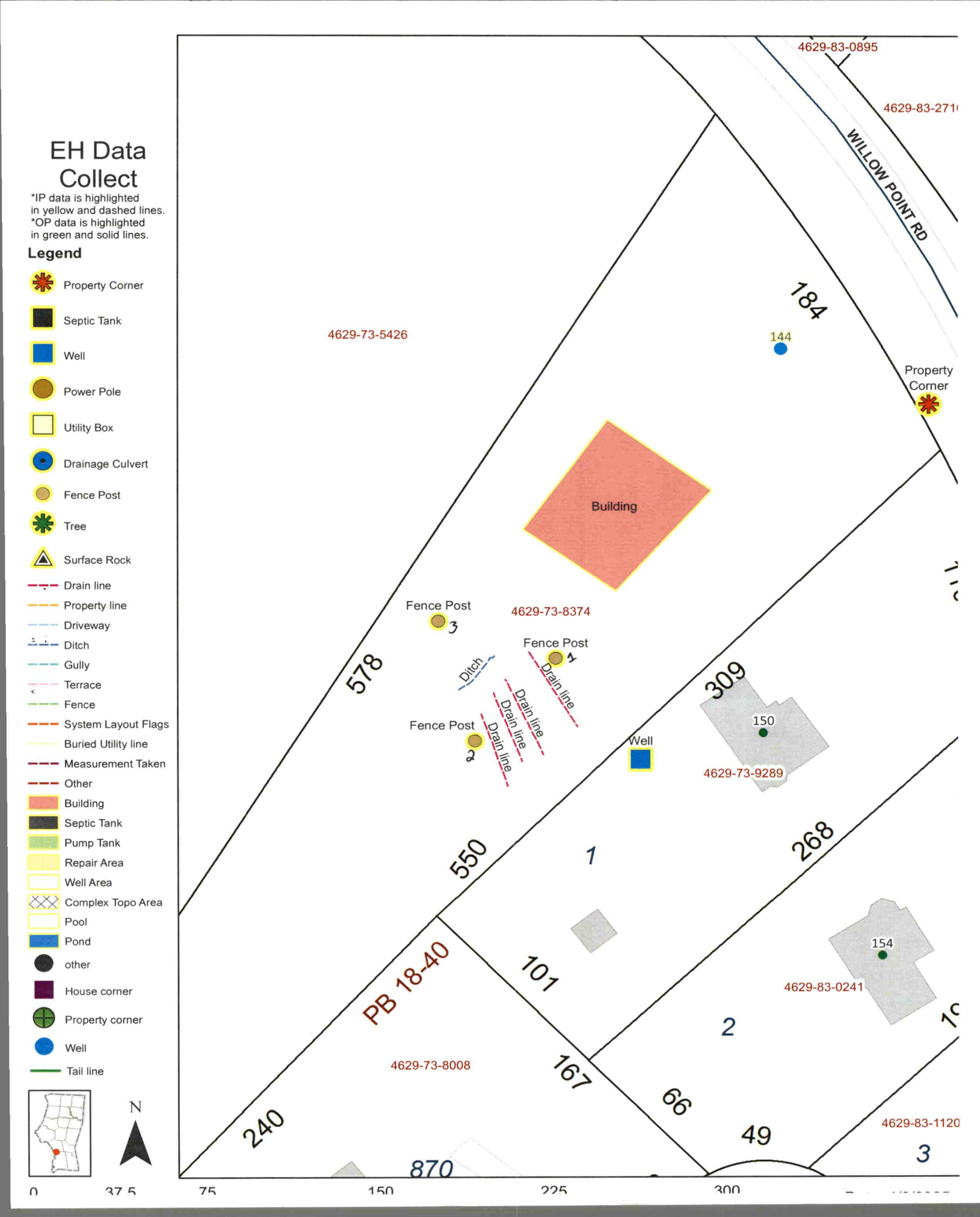
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

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




EH Data Collect
*IP data is highlighted in yellow and dashed lines.
*OP data is highlighted in green and solid lines.
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
Drain line
Property line
Driveway
Ditch
Gully
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
N
0
37.5
75
150
225
300
4629-83-0895
4629-83-271
WILLOW POINT RD
4629-73-5426
144
184
Property Corner
Building
Fence Post
3
4629-73-8374
Fence Post
4
Ditch
Drain line
Drain line
Drain line
Drain line
Fence Post
2
578
309
Well
150
4629-73-9289
550
1
268
PB 18-40
101
154
4629-83-0241
2
4629-73-8008
167
66
49
4629-83-1120
3
240
870

PERMIT SNAPSHOT REPORT OSWP-2024-67068 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	12/18/2024
Work Class:	EH Septic Permit	**District:**	Troutman	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Whicker, Cory	**Approval Expire Date:**	
Description:	barndominium 40x60				

Parcel:	4629738374.000 Main	**Address:**	144 Willow Point Troutman, NC 28166 Main	**Zone:**	RR(Resort Residential District) RS(Suburban Residential District)

Property Owner	Applicant/Authorized Agent
DARREN T STEVENSON	DARREN T STEVENSON
459 Stillwater Rd 459	459 Stillwater Rd 459
STILLWATER RD	STILLWATER RD
TROUTMAN, NC 28166	TROUTMAN, NC 28166
Business: (704) 902-0193	Business: (704) 902-0193
Mobile: (704) 902-0193	Mobile: (704) 902-0193

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	40x60
What are the proposed structures	New Single-Family Residence - Stick Built	Maximum Number of Bedrooms	1	If other Addition/Structure, please explain	
Number of Occupants	1	Foundation Type	Concrete Slab Foundation	Water Supply	Municipal Water
Desired Septic System Type	No Preference	If other septic system type, please explain		Pump Make	
# of Nitrification Fields		Model		Serial #	
System Description		Repair System Description		Comments/Conditions	
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_THOMAS_STEVENSON_12/8/2024.jpg	12/18/2024 14:07	DARREN, THOMAS STEVENSON		Uploaded via CSS
WIllow point auth_v1.pdf	12/18/2024 14:21	DARREN, THOMAS STEVENSON	Available Online	
144 willow point floor plan.pdf	12/19/2024 14:08	Nebel, Barbara	Available Online	Floor Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2025-293165	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/26/2025	03/27/2025 0:00	03/27/2025 0:00	03/27/2025 8:57	03/27/2025 8:57

Inspectors: Botkins, Ben (Primary)

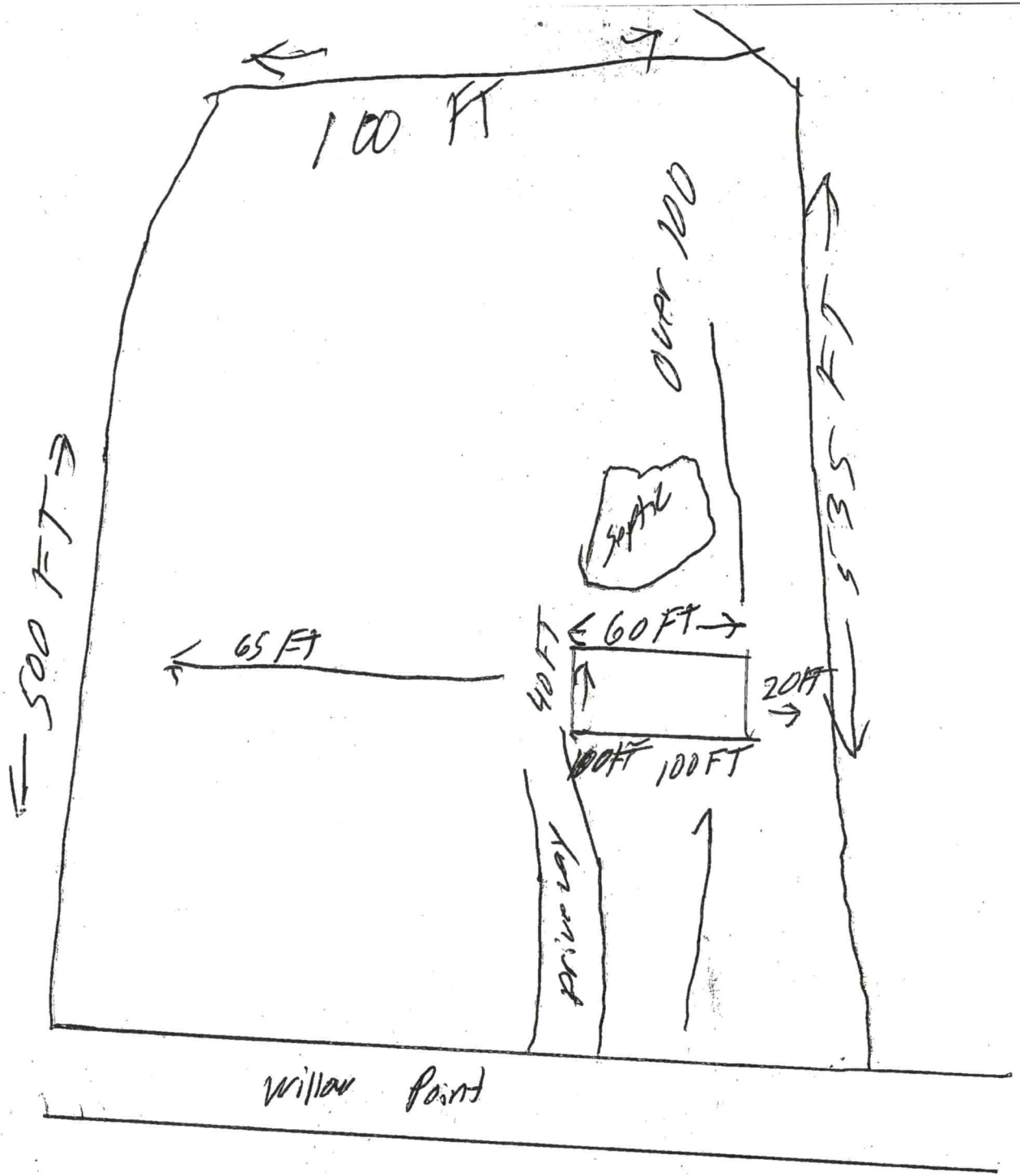
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

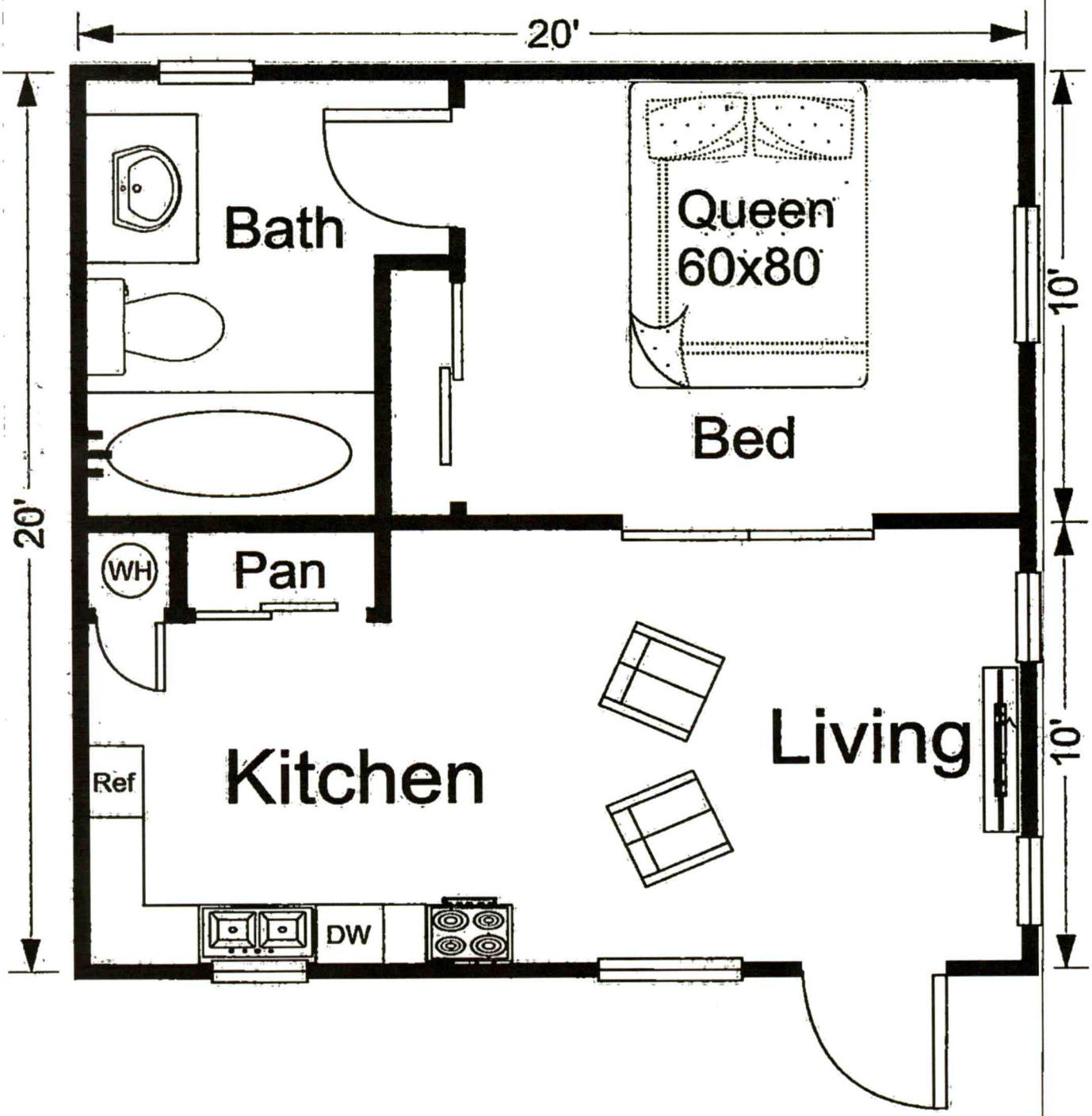
Note	Created By	Date and Time Created
1. Darren is getting a survey and will call me back when property is ready for me to inspect.	Peter Mravetz	12/19/2024 16:00

PERMIT SNAPSHOT REPORT (OSWP-2024-67068)

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00039197	New Gravity System	$500.00	$500.00
	Troutman Zoning Fee	$50.00	$50.00
	Total for Invoice INV-00039197	$550.00	$550.00
	Grand Total for Permit	**$550.00**	**$550.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		12/18/2024 14:21	12/18/2024 14:21
Confirm application complete v.1	Generic Action		12/18/2024 14:21
Zoning Review v.1		12/18/2024 14:51	12/18/2024 15:52
Floodplain Admin Overview v.1	Task	12/18/2024 0:00	12/18/2024 15:52
~~Iredell County Zoning Approval v.1~~	Task		12/18/2024 14:51
Troutman Zoning Approval v.1	Task	12/18/2024 14:51	12/18/2024 15:52
Issue Invoice v.1	Generic Action		12/18/2024 15:52
Fees Paid v.1	Generic Action		12/18/2024 15:52
Fees v.1		12/19/2024 14:13	12/19/2024 14:13
Issue Invoice v.1	Generic Action		12/19/2024 14:13
Fees Paid v.1	Generic Action		12/19/2024 14:13
Lot Readiness Verification v.1		03/26/2025 15:02	
OSWP Septic Preliminary Site Visit v.1	Inspection	03/26/2025 15:02	03/26/2025 15:02
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		


100 FT
over 100
535 FT
500 FT
septic
65 FT
60 FT
40 FT
20 FT
100 FT
Willow Point


20'
20'
Bath
Queen
60x80
Bed
10'
WH
Pan
Kitchen
Ref
DW
Living
10'