ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

BLDR-2025-68941

PERMIT: OSWP 2023-39771

PIN # 4730-68-3064

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

APPLICANT/OWNER: Garen Nelson | APPLICANT ADDRESS: 895 Perth Rd Troutman NC 28166

SITE ADDRESS: 895 Perth Rd Troutman NC 28166 | PHONE: 704 807 2803 | ALT. PHONE —

SITE DIRECTIONS: Perth Rd @ intersection with State Park Rd | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — | SECTION: — | LOT #: — | LOT AREA: 0.51 | DESIGN FLOW: 360 | L.T.A.R.(Initial): 0.275 | L.T.A.R (Repair): 0.275

Septic Tank 1000 (gal) STB 760 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 7 Linear Ft 328'

Trench Width 36" *Max. Trench Depth(Initial) 32" *Max. Trench Depth(Repair) 54" Gravel Depth

* Measured on the downhill side of the trench

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: Gravity 25%

Repair System Description: DEEP LP HPPBRS

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 48"

Usable Depth to LC (Repair): 28" BELOW Limiting Condition

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

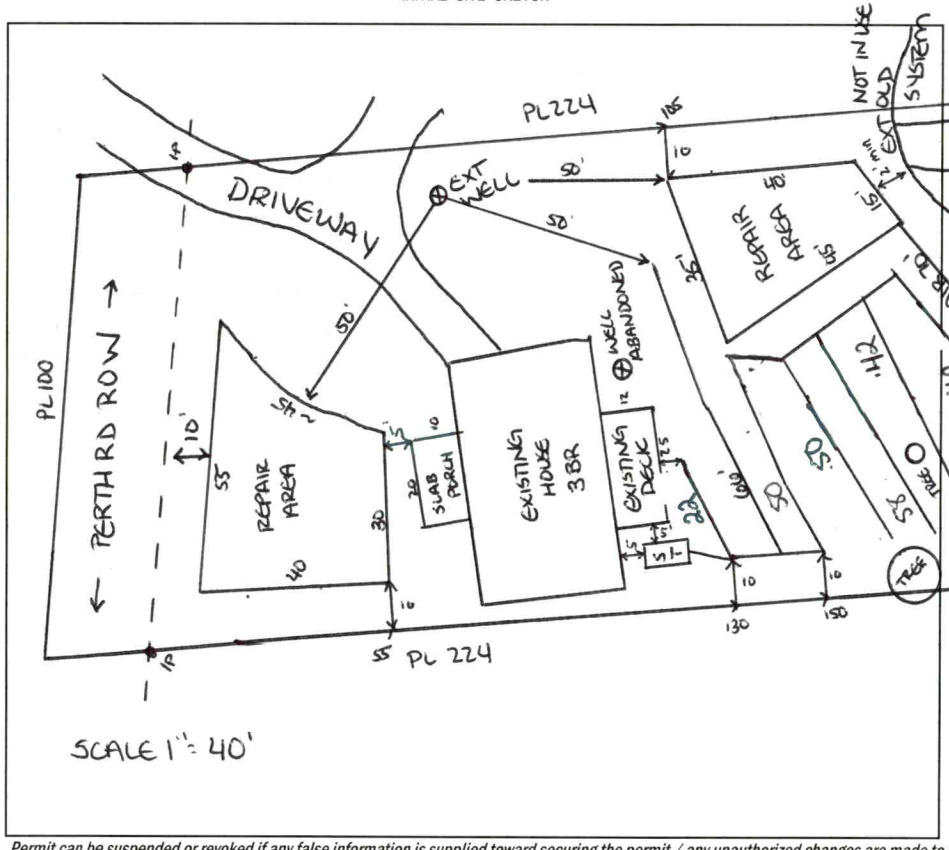
No. Bedrooms 3 | No. Persons 6 | No. Employees — | ☒ Crawl Space | ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour 9' on center. Keep all parts of septic 50' from well. Keep 2' minimum from old system on lot. Keep 5' from decks & porches. See attached previous permits.

Pre-construction meeting recommended. 704 902 4481
Divert all drainage away from septic area.
See soil notes for final grade elevations & Depths to L/C.

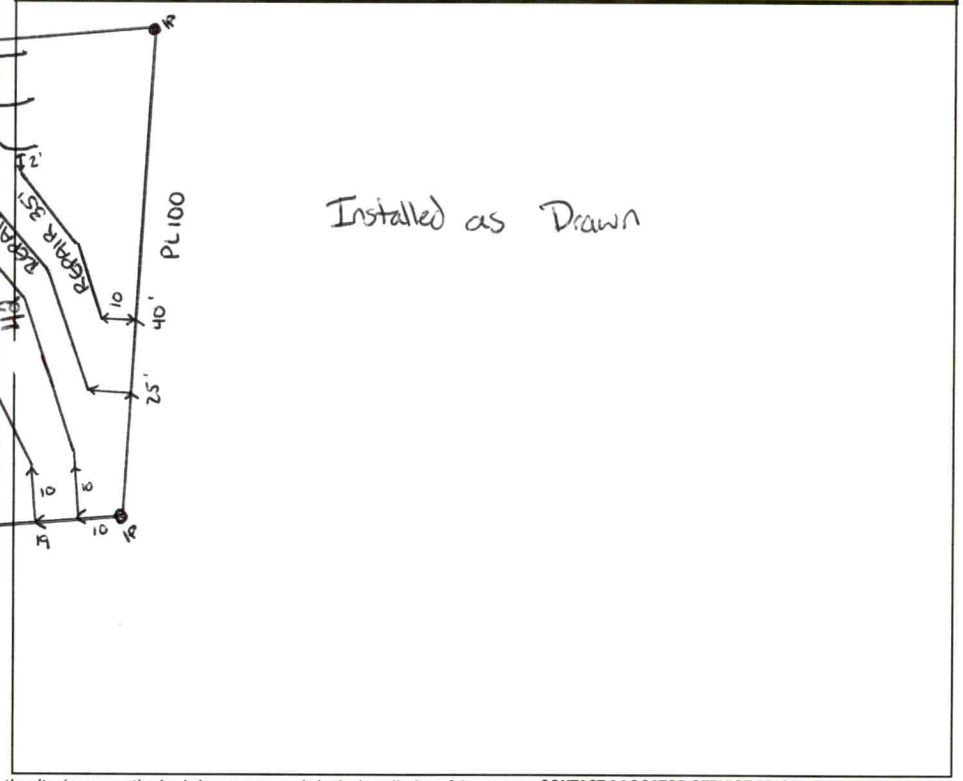
INITIAL SITE SKETCH



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 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: Craig Thompson

IMPROVEMENT PERMIT by: Sarah Williams | Date: 10/23/2024 | OPERATION PERMIT by: Craig Thompson | Date: 11/27/24

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 10/23/2024 | 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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4730-68-3004
COUNTY: ~~IREDELL~~

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

OWNER: Laura Atkinson (Jamie Gentry) APPLICATION DATE 10/23/23
ADDRESS: 320 W. Broad St. Statesville NC 28677 DATE EVALUATED: 12/6/23
PROPOSED FACILITY: SFR CRAWL PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 0.57 AC
LOCATION OF SITE: 895 Perth Rd Troutman 28166 PROPERTY RECORDED: Y
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 2-3%	0-23	FILL DIST	MIXED	SAP incl beginning @ 43"	(72)		—	PS 0.3 below 23" REMOVE FILL
		23-44	C ABK	SS SPSE FR					
		44-72	CL WABK	SS SP SE FR					
2	LS 5-7%	0-6	CL SBK	SS SPSE FR	SAP incl beginning @ 27"	(48)		—	PS 0.275
		6-27	C SBK	S P SE FR/F:					
		27-48	CL ABK	SS SP SE FR					
3	LS 5-7%	0-16	FILL DIST	MIXED	7.5 YR 6/1 or 6/2 @ 22"-28" heavy SAP in CL 32"-64"	(60)		—	PS 0.275 below 29"
		16-32	C ABK	S P SE FR/F:					
		32-64	CL ABK	SS SP SE FR/F:					
4	LS 2-3%	0-16	FILL DIST	MIXED	SAP incl beginning 23"	(55)		—	PS 0.3 below 16"
		16-35	C ABK	SS SP SE FR/F:					
		35-55	CL ABK	SS SP SE FR/F:					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	~~219~~ 328'	219'
System Type(s) GRAVITY 25% H	~~50% DEEP~~ H	50% DEEP
Site LTAR	0.275	0.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS 0.275 (FILL REMOVED)
EVALUATED BY: S. Williams
OTHER(S) PRESENT: Neil Stutts

COMMENTS: TBC 5" / TOP OF PRODUCT @ 40" / Vented Panels every 25'
SPACE AVAILABILITY UNDETERMINED UNTIL LAYOUT (FILL REMOVED FIRST)

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.

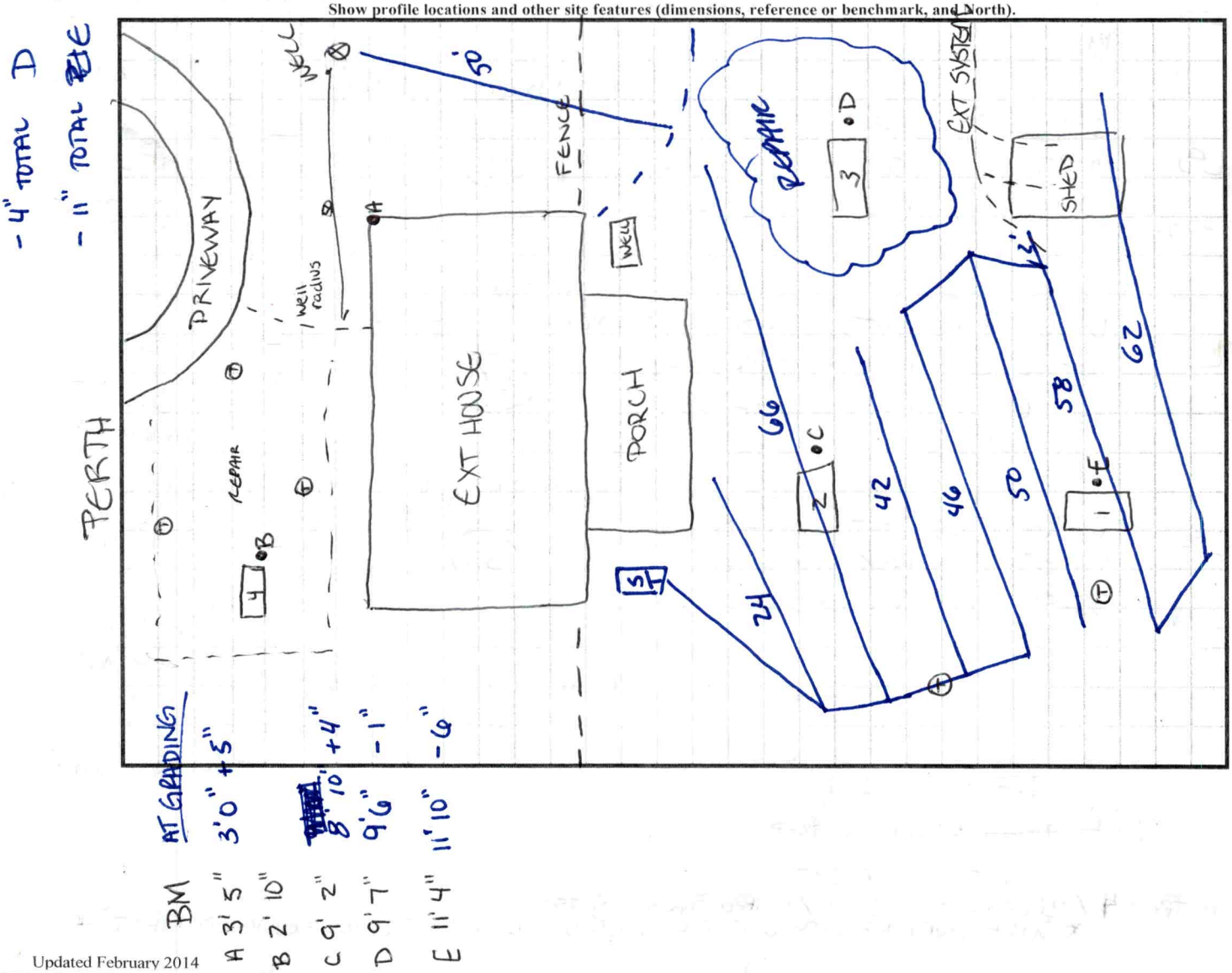
NOTES

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

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



PERMIT SNAPSHOT REPORT OSWP-2023-39771 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/23/2023
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:**	Bracken, Sarah	**Approval Expire Date:**	

Description: NO NEW STRUCTUE EXISTING HOME (1967) WAS SHARING TANK WITH NEIGHBOR NEED THEIR OWN TANK - SEPTIC LINES AND REPAIR FIELD (NO ZONING NEEDED). 11/8 Called appli VM full unable to leave message. In area did site visit, site is ready GM

Parcel: 4730683064.000 Main	**Address:** 895 Perth Rd Troutman, NC 28166 Main	**Zone:** RS(Suburban Residential District)

Property Owner	Applicant/Authorized Agent
Laura Atkinson	Jamie Gentry
Home: (980) 241-3068	320 W Broad Street
Mobile: (980) 241-3068	Statesville, NC 28677
	Mobile: (336) 244-0757

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	Structure is currently existing on the property.
Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	No new structure to be built on property. The existing house now shares a septic with the neighboring property and needs its own septic.	Number of Occupants	6
Foundation Type	Crawl Space Foundation	Residential/Business/Other	Residential	Number of Employees	0
Water Supply	Existing Well	Desired Septic System Type	No Preference	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jamie_Gentry_10/24/2023.jpg	10/23/2023 23:01	Gentry, Jamie		Uploaded via CSS
Perth Authorization_v1.pdf	10/24/2023 9:46	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
Septic Application - Perth_v1.pdf	10/24/2023 9:46	COMEAUX, DEBRA	As Built Sketch	As Built Sketch
20231106120747944_v2.pdf	11/06/2023 15:30	COMEAUX, DEBRA	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-160900	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/08/2023	11/08/2023 0:00	11/08/2023 0:00	11/08/2023 14:39	11/08/2023 14:39

Inspectors: McLeod, Grace (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. 11/8 Called applicant VM full unable to leave message. In area did site visit, site is ready GM	Grace McLeod	11/08/2023 14:39

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00023008	New Gravity System	$500.00	$500.00

PERMIT SNAPSHOT REPORT (OSWP-2023-39771)

Total for Invoice INV-00023008	$500.00	$500.00
Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		11/06/2023 15:33	11/06/2023 15:33
Confirm application complete v.1	Generic Action		11/06/2023 15:33
Fees v.1		11/06/2023 15:46	11/08/2023 9:11
Fees Paid v.1	Generic Action		11/08/2023 9:11
Issue Invoice v.1	Generic Action		11/06/2023 15:46
~~**Zoning Review v.1**~~			11/06/2023 15:44
~~Floodplain Admin Overview v.1~~	Task		11/06/2023 15:44
~~Troutman Zoning Approval v.1~~	Task		11/06/2023 15:44
~~Issue Invoice v.1~~	Generic Action		11/06/2023 15:44
~~Fees Paid v.1~~	Generic Action		11/06/2023 15:44
Lot Readiness Verification v.1		11/08/2023 14:39	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/08/2023 14:39	11/08/2023 14:40
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		

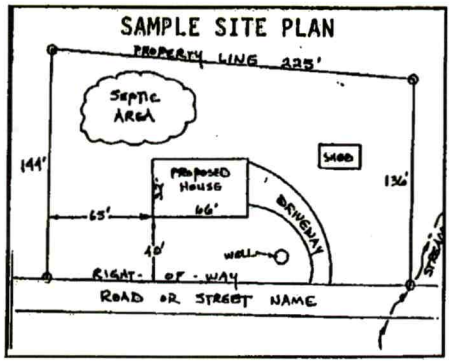
* abandon well in back
* well in driveway?
* grading + deep install T+C
* county water? new well?

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IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

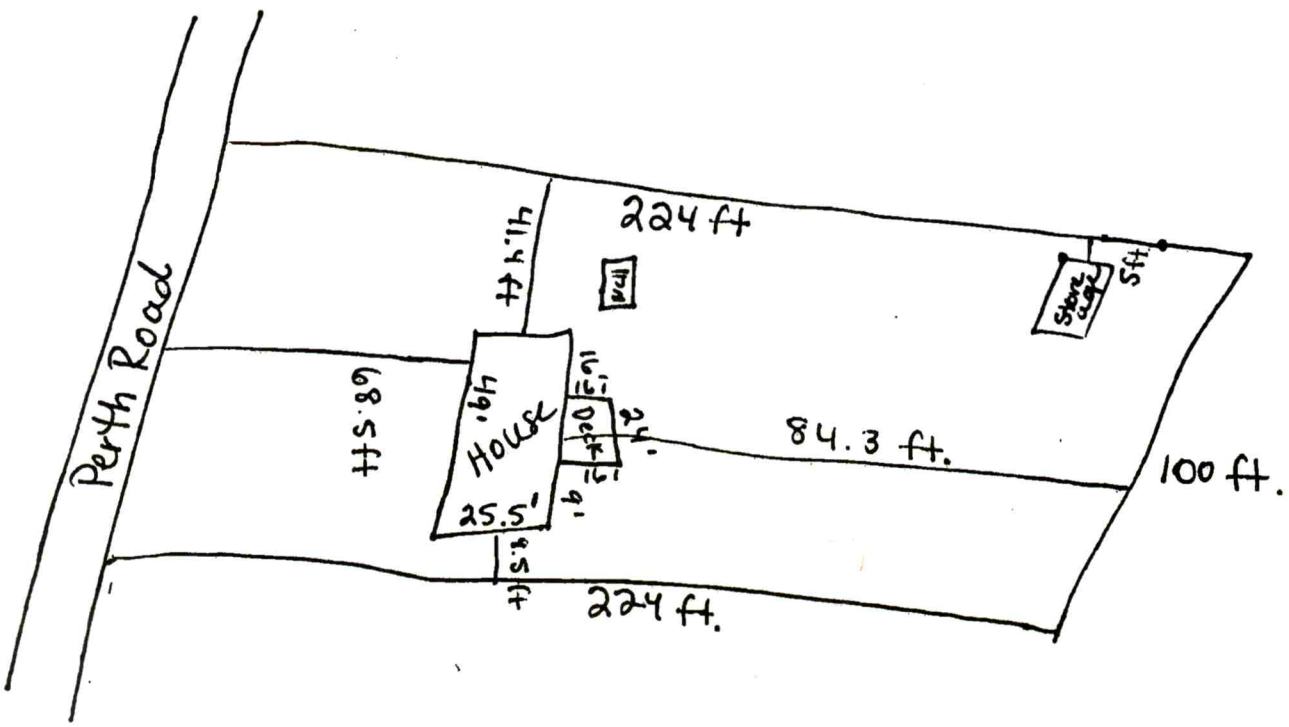
( ) **Property Line measurements are clearly identified**
( ) **All proposed structures are indicated**
( ) **Front and side setbacks from property line**
( ) **Preferred driveway location**
( ) **Preferred well location**
( ) **Preferred septic system location**
( ) **North arrow, or other sufficient indicator of direction**

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



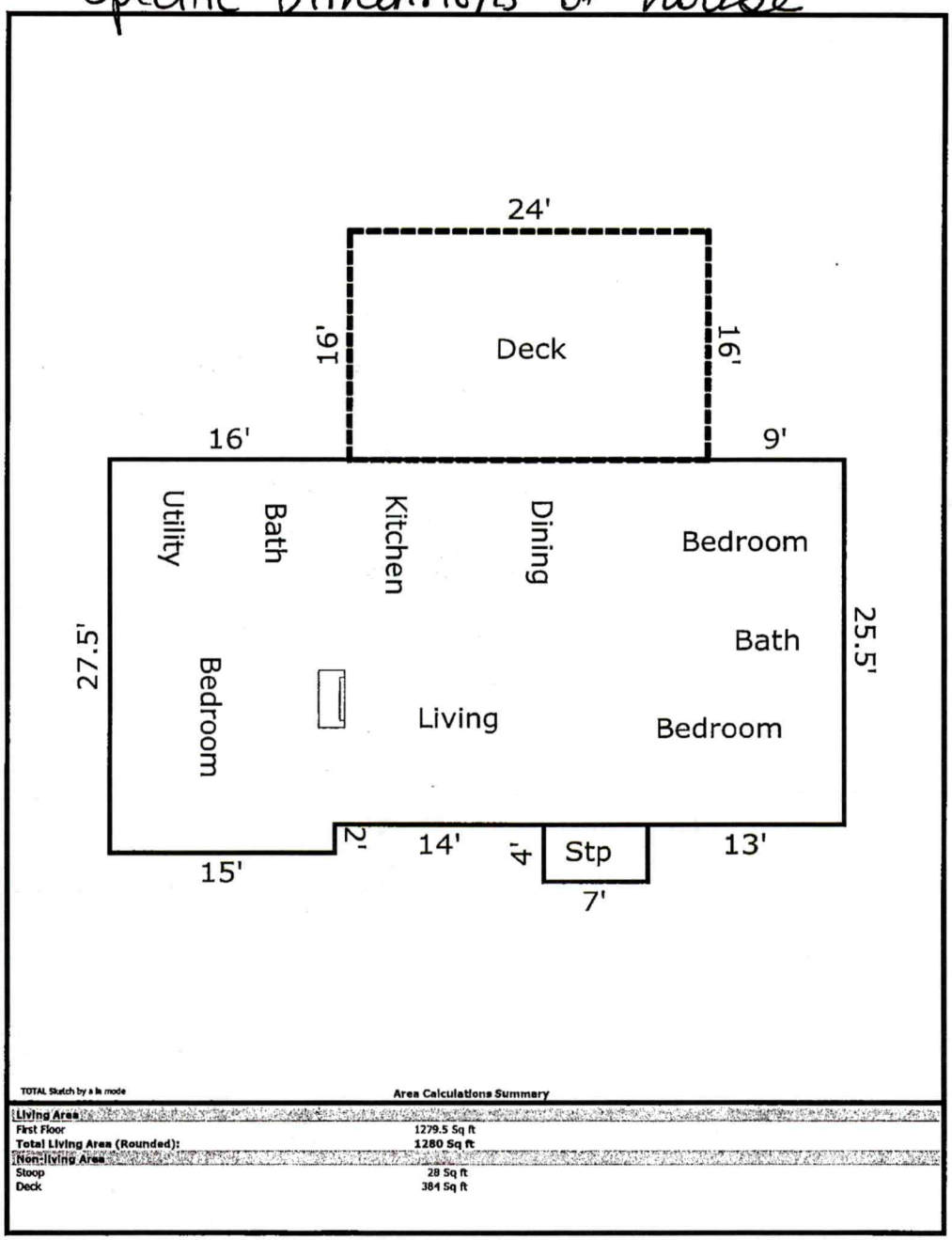
Signature: DocuSigned by: Laura Atkinson CF11EFA73633424... 10/19/2023 | 12:38 PM EDT

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

Building Sketch

Borrower					
Property Address	895 Perth Rd				
City	Troutman	County		State NC	Zip Code 28166
Lender/Client					

Specific Dimensions of house



TOTAL Sketch by a la mode

Area Calculations Summary

Living Area	
First Floor	1279.5 Sq ft
Total Living Area (Rounded):	**1280 Sq ft**
Non-living Area	
Stoop	28 Sq ft
Deck	384 Sq ft

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IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

1. *** APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: ***Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*** **In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:**
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

2. I, Laura Atkinson, am the legal owner(s) of the property located at 895 Perth Road, Troutman, NC, identified as

PIN (Parcel Identification Number) 4730683064.000, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Jamie R. Gentry and Garen Nelson, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

DocuSigned by:
Laura Atkinson
CF11EFA73633424...
Signature of Owner(s)

2/15/2024
Date

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

Sarah Bracken

From: g nelcogroup.com <g@nelcogroup.com>
Sent: Friday, February 16, 2024 7:58 AM
To: Sarah Bracken
Subject: Fwd: Authorization form attached
Attachments: Authorization Form - Perth.pdf

This Message Is From an Untrusted Sender
You have not previously corresponded with this sender.
Report Suspicious

Sent from my iPhone

Begin forwarded message:

> **From:** Kim Spies <kim@thesarvergroup.com>
> **Date:** February 15, 2024 at 6:52:07 PM EST
> **To:** "g nelcogroup.com" <g@nelcogroup.com>
> **Subject: Authorization form attached**


State Park Rd
Perth Rd
4730-67-0762
4730-68-5189
270
118
889
4730-68-4153
294
224
100
4730-68-3064
895
224
100
(175)
4730-67-6661
130
4730-67-2790
50