BLDR-2022-4778

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 MW Mooresville Office (704) 660-3625 PERMIT # AP2022-5397

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

PIN # 4756-45-2217

APPLICANT/OWNER: Okey Richards Sr APPLICANT ADDRESS: 564 Jane Sowers Rd

SITE ADDRESS: 564 Jane Sowers Rd, Statesville 28625 PHONE: 704-334-2757 ALT. PHONE -

SITE DIRECTIONS: 21 N - Jane Sowers SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Meadow View Estates SECTION: M1 LOT # 1 LOT AREA: DESIGN FLOW: 100 gpd L.T.A.R.: 0.35

Septic Tank	1000 (gal)	STB	750	Date	12/10/22	☒ 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	2	Linear Ft	92'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36 in	Trench Bottom Depth (Low side)		36" max		Gravel Depth	-	☒ GRAVITY	☐ PRESSURE

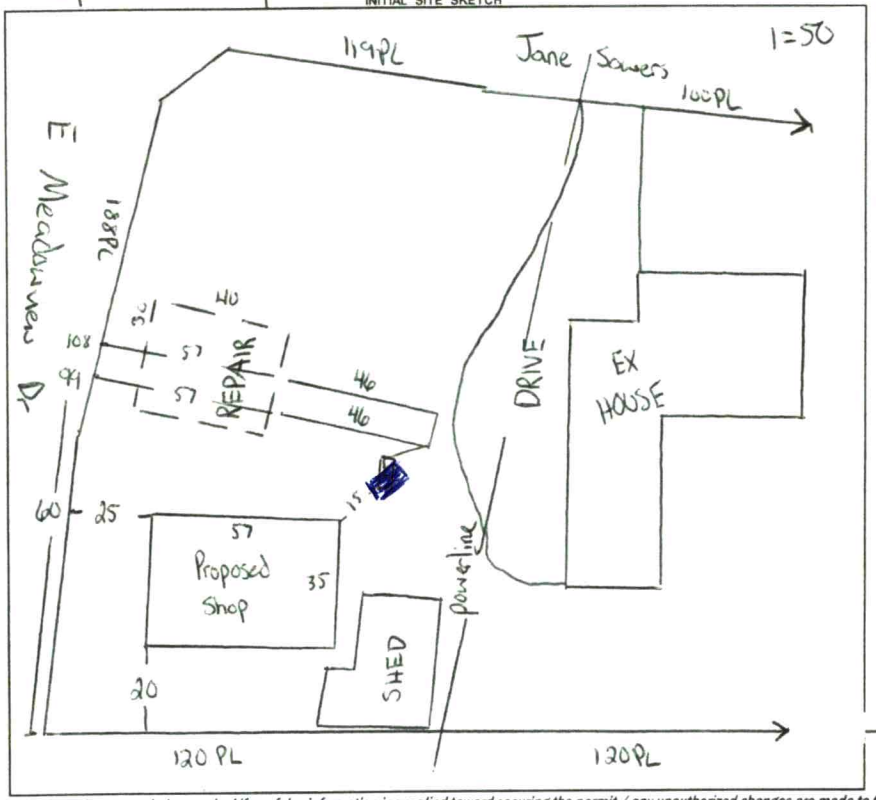
☐ Residence No. Bedrooms ☐ Business No. Persons ☒ Other No. Employees ☒ Slab ☐ Crawl Space ☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Install lines on contour with the land. Do not grade, park or drive on septic area. Keep 15' from powerline.

☒ System is sized for non-residential use.

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.

As Built to Left

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: 10/24/22 Installed by: Tommy Frye

IMPROVEMENT PERMIT by: Cary Wil Date: 10/18/22 OPERATION PERMIT by: D. Wiebey Date: 1/24/23

AUTHORIZATION TO CONSTRUCT by: Cary Wil Date: 10/18/22 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? _____	

MW 12:00

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Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2022-5397

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

PIN # -- --

APPLICANT/OWNER: Okey Richards Sr APPLICANT ADDRESS: 564 Jane Sowers Rd

SITE ADDRESS: 564 Jane Sowers Rd, Statesville 28625 PHONE: 704-334-2757 ALT. PHONE -

SITE DIRECTIONS: 21 N - Jane Sowers SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: SECTION: LOT # LOT AREA: DESIGN FLOW: 100 gpd L.T.A.R.: 0.35

Septic Tank 1000 (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 2 Linear Ft 92'

Trench Width 36 in Trench Bottom Depth ~~(Low side)~~ 36" max Gravel Depth -

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

System Description: 25% reduction

Repair System Description: 25% reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☐ Residence No. Bedrooms

☐ Business No. Persons

☒ Other No. Employees

☒ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply

☐ Private

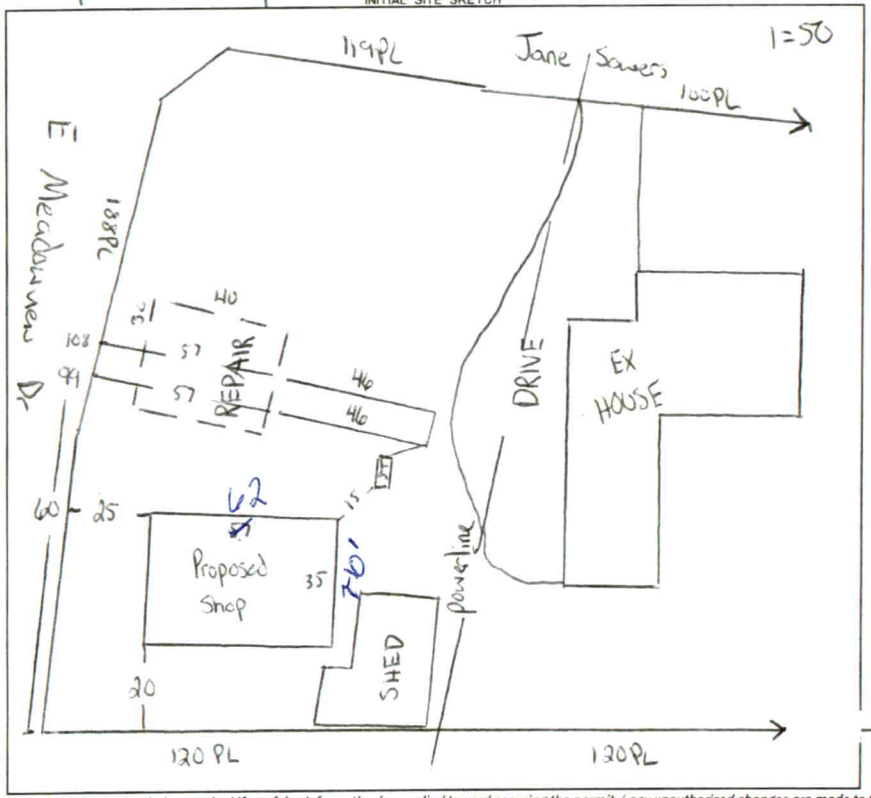
☒ Public

☐ Community

Comments / Conditions: Install lines on contour with the land.
Do not grade, park, or drive on septic area.
Keep 15' from powerline.

System is sized for non-residential use.

INITIAL SITE SKETCH



AS BUILT SKETCH

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OKEY RICHARDS, SR
740-334-2757

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Owner / Applicant Signature: Online Signature Date: 10/24/22 Installed by: Frye Grading

IMPROVEMENT PERMIT by: Cary Hill Date: 10/18/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Cary Hill Date: 10/18/22 Existing System Inspected by: Date:

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

MW

ICHD - ENVIRONMENTAL HEALTH DIVISION - Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP2022-5397

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM PIN # -- --

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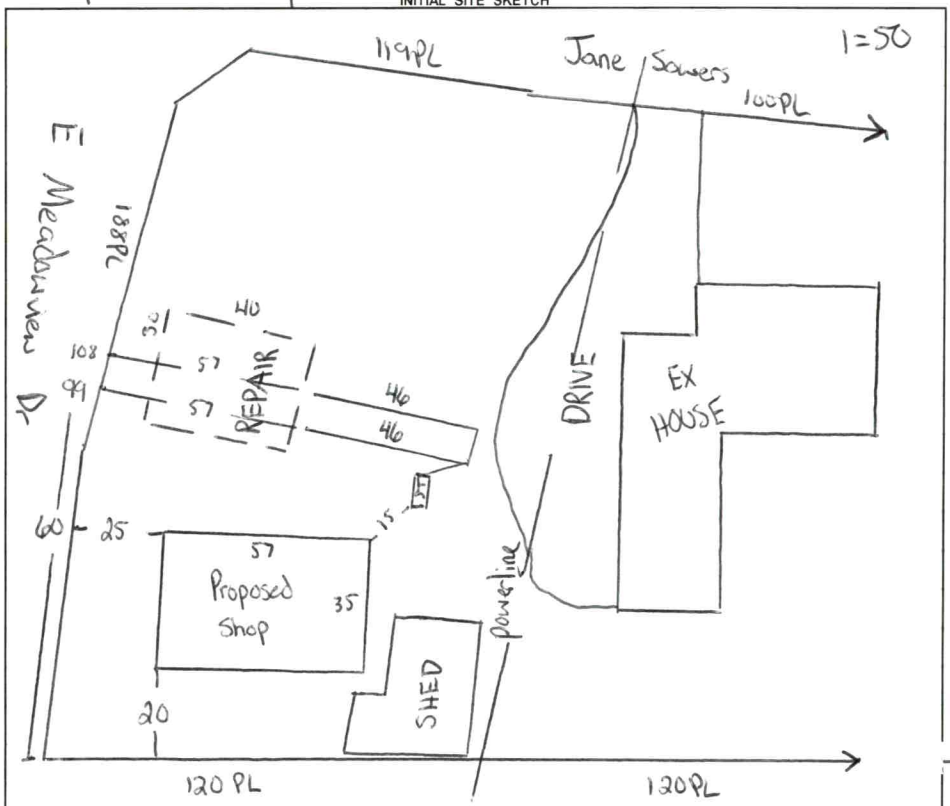
SUBDIVISION: SECTION: LOT # LOT AREA: DESIGN FLOW: 100 gpd L.T.A.R.: 0.35

Septic Tank	1000	(gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☐ Residence	No. Bedrooms	Water Supply
Pump Tank		(gal)	PT	Date	System Description:	25% reduction			☐ Business	No. Persons	☐ Private
Pump Make		Model		Serial #	Repair System Description:	25% reduction			☒ Other	No. Employees	☒ Public
# Nitrification Fields	1	# Lines	2	Linear Ft	92'	Maintenance Agreement Required:	☐ YES	☒ NO	☒ Slab	☐ Crawl Space	☐ Community
Trench Width	36 in	Trench Bottom Depth (~~Low side~~)		36" max	Gravel Depth	-	☒ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: Install lines on contour with the land. Do not grade, park, or drive on septic area. Keep 15' from powerline.

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INITIAL SITE SKETCH



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Owner / Applicant Signature: Online Signature Date: 10/24/22 Installed by:

IMPROVEMENT PERMIT by: Gary Hill Date: 10/18/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Gary Hill Date: 10/18/22 Existing System Inspected by: Date:

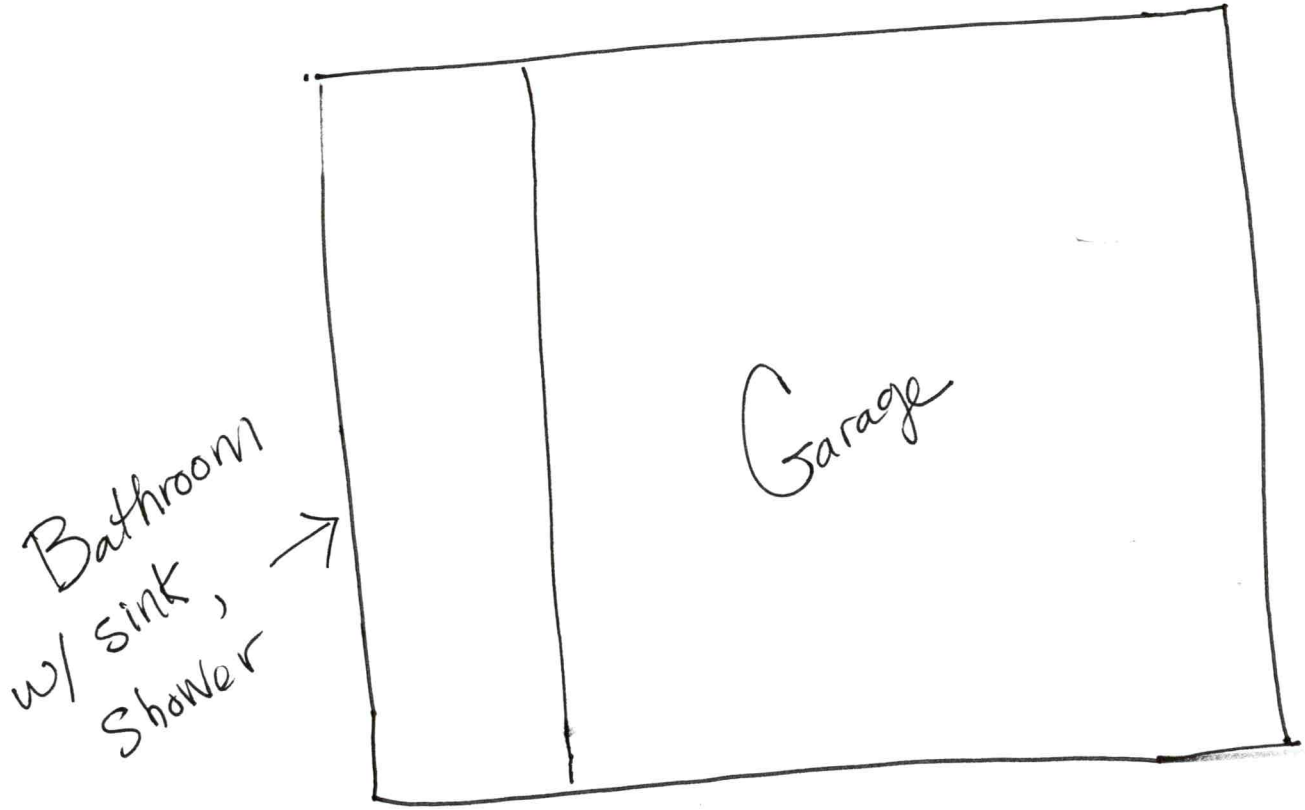
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Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

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? _____	

564 Jane Sowers
OSWP-2022-5397

32 x 65



Acknowledgement Of
Plans Submittal ONLY!

Date 10-11-22

Date 10/18/22

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

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

OWNER: Otha Richards Sr
ADDRESS: 564 Jane Sowers Rd
PROPOSED FACILITY: Garage
LOCATION OF SITE: 564 Jane Sowers Rd
APPLICATION DATE 9/23/22
DATE EVALUATED: 10/17/22
PROPOSED DESIGN FLOW (.1949): 100 gpd
PROPERTY SIZE:
PROPERTY RECORDED:

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	Linear 4%.	0 - 16	C ABK	SS SP FR SE	-	49	-	-	.35 PS
		16 - 49	CL SBK	SS SP FR SE					
2	Linear 4%.	0 - 15	C ABK	SS SP FR SE	-	51	-	-	.35 PS
		15 - 51	CL SBK	SS SP FR SE					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%.	25%.
Site LTAR	.35	.35

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
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.

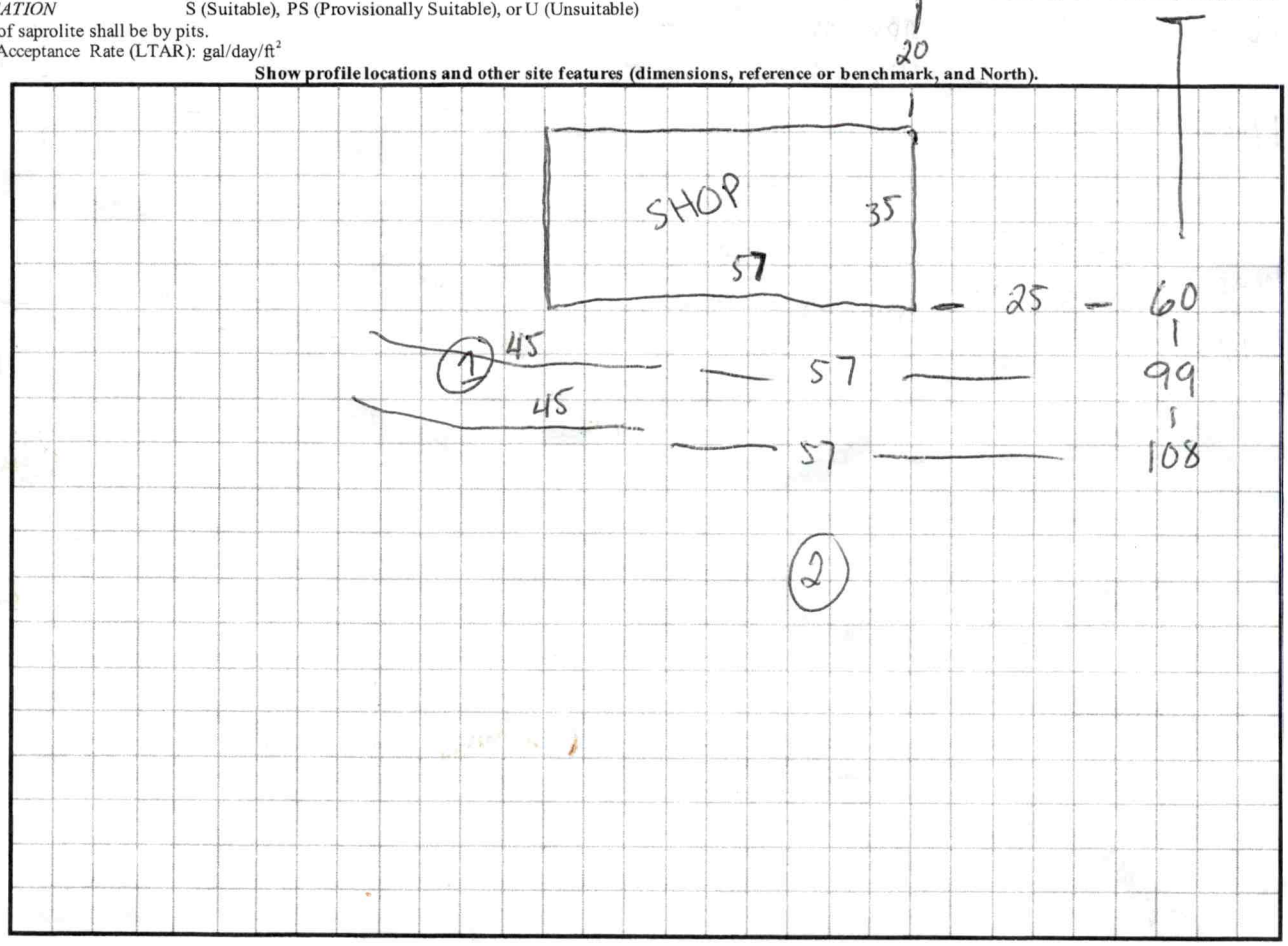
NOTES

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).



LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None	None		

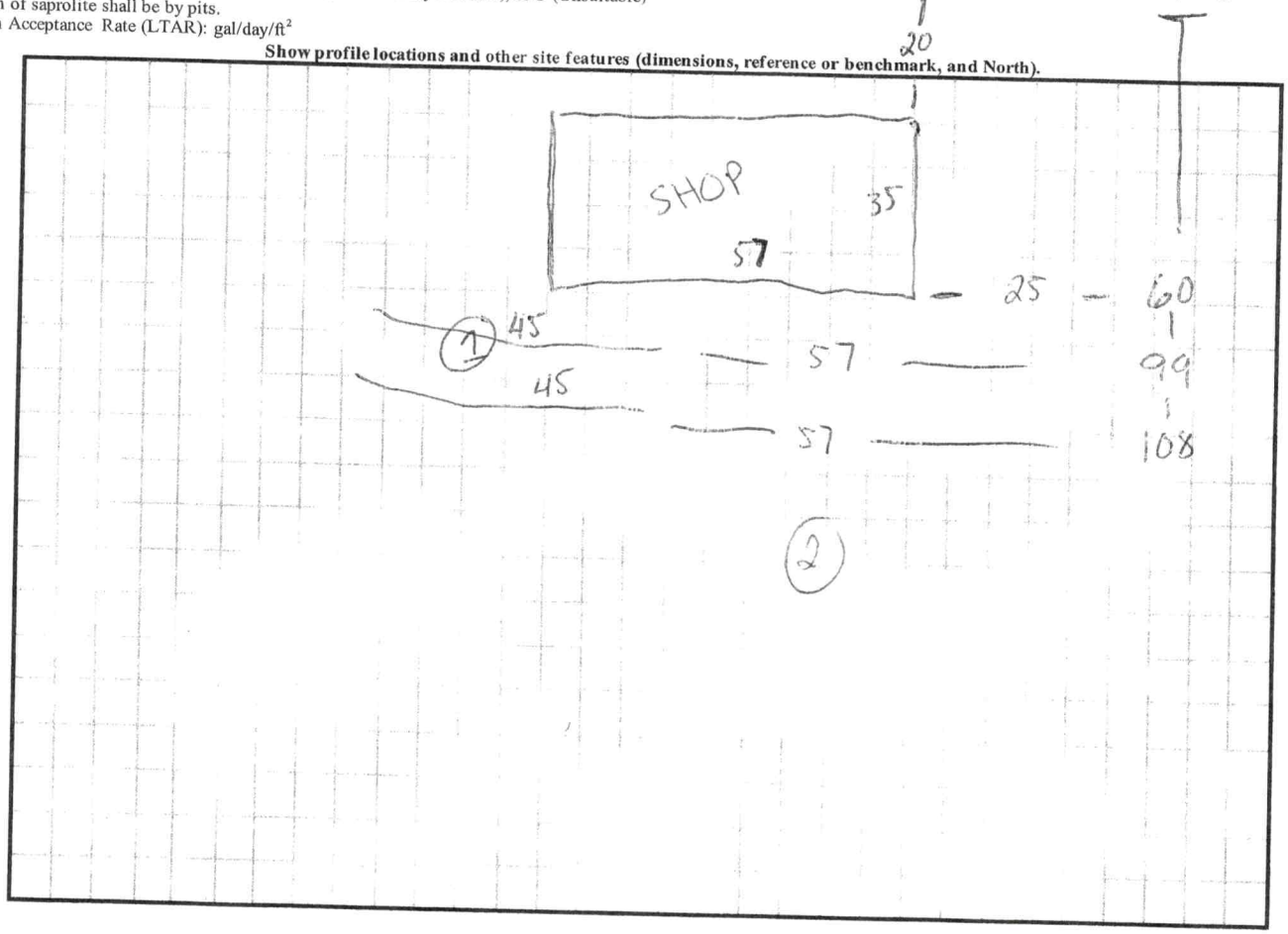
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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
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Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



PERMIT SNAPSHOT REPORT OSWP-2022-5397
FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Description: septic for garage - NEEDS IP/AC

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Whicker, Cory

App Date: 09/23/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4756452217.000 Main

Address: 564 Jane Sowers Rd Main
Statesville, NC 28625

Zone: R-20(Suburban Residential District)

Applicant/Authorized Agent
Okey Richards, Sr.
564 Jane Sowers Rd
Statesville, NC 28625
Mobile: (740) 334-2757

Property Owner
Okey Richards, Sr.
564 Jane Sowers Rd
Statesville, NC 28625
Mobile: (740) 334-2757

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	30x65	What are the proposed structures	Accessory Building
If other Addition/Structure, please explain	house on lot and out building already on the lot	Maximum Number of Bedrooms	0	Number of Occupants	0
Foundation Type	Concrete Slab Foundation	Water Supply	Other Public 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	0.92
Front Setback	150	Back Setback	35	Left Setback	15
Right Setback	25	Zoning Permit Issued Date	Sep 23 2022 12:00AM	Zoning Permit Expiration Date	Mar 22 2023 12:00AM
Is the structure or development in the floodplain	No	Is the property in a local historic district?	No	Is the property located downtown?	No
Zoning Notes/Addendums	Must meet requirement R1 of the LDC. Shall not be erected in front building line of the principal structure or within 25' of a side street on a corner lot. Shall not be erected within 10' of any line not a street line or within 10' of any other building on the same lot. Shall not be erected within the 50' buffer zone of lake lots. Shall not exceed the height limitation of the principal structure. Exceptions to the front building line location: 1.If the lot is 1 acre or greater and the location of the structure is at least 150'from the frontage street right of way line then the structure can be located in front of home or 2.Is a double frontage lake lot. Any accessory building or structure over 2000 sq/ft shall be setback a minimum of 30' from any property line. Metal carports not exceeding 400 sq/ft are allowed in the front yard		provided they meet the front setback requirement of the principal structure	Additional Unique Setbacks Apply	No

188 Jamie Dr
Tank

149 Ladyslipper Dr
Lives