BB BLDR-2023-40941

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-37259

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

PIN # 4777 -- 28 --8631

APPLICANT/OWNER: STEVE L. ADAMS APPLICANT ADDRESS: P.O. BOX 360, STATESVILLE, N.C. 28687

SITE ADDRESS: 1672 OLD MOCKSVILLE ROAD, STATESVILLE, N.C. 28625 PHONE: 336-823-0986 ALT. PHONE —

SITE DIRECTIONS: (E) ON 40, (L) ON OLD MOCKSVILLE, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO REPAIR

SUBDIVISION: JAMES S. + SARA L. WINGLER + DAVID T. CHILDERS SECTION: — LOT # 1 LOT AREA: 1.354 AC DESIGN FLOW: 360 GPD L.T.A.R.: 0.275 (0.225)

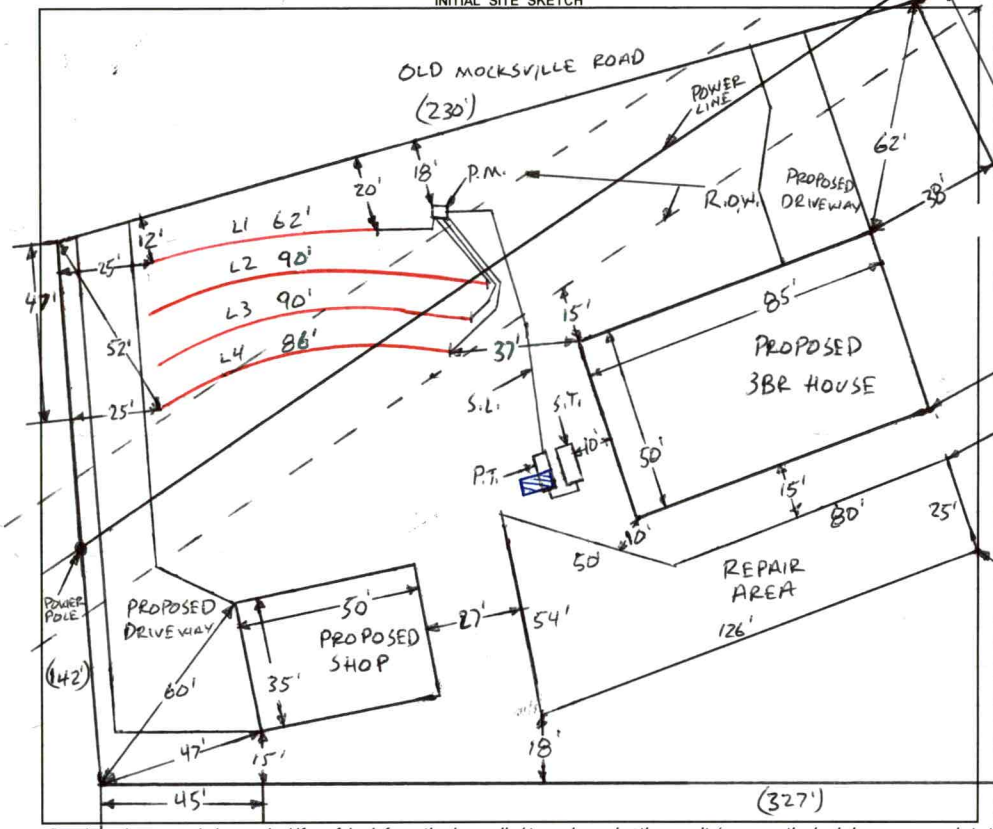
Septic Tank	1000	(gal)	STB 9-24-23	Date	760	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	1000	(gal)	PT 10-14-23	Date	363	System Description:			25% REDUCTION - P.M.	☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:			50% REDUCTION	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	4	Linear Ft	328 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	36 IN	Trench Bottom Depth(Low side)	32 IN	Gravel Depth	—		☐ GRAVITY	☑ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE PRESSURE MANIFOLD TO ACHIEVE EQUAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH, DO NOT SHALLOW UP

SEPTIC EASEMENT MUST BE RECORDED PRIOR TO A.C.
EASEMENT RECORDED IN DEED BOOK 3028, PAGES 304-310

INITIAL SITE SKETCH



Lines as drawn. see modified tank locations in BLUE

TAPS
L1 = ½ SCH 80
L2 = ½ SCH 40
L3 = ½ SCH 40
L4 = ½ SCH 40
DOSE VOLUME = 150 GAL
DRAW DOWN = 7 IN
GPM = 26.81
RUN TIME = 5.6 MIN
PRESSURE HEAD = 2 FT
SUPPLY LINE DIA = 2 IN

1 IN = 50 FT
S.T. = SEPTIC TANK
P.T. = PUMP TANK
S.L. = SUPPLY LINE
P.M. = PRESSURE MANIFOLD
R.O.W. = RIGHT OF WAY

LINES SW 11/29/23
TANKS
3-21-2024 BCW
FLOATS
ALARM
P.M
P.H.

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.

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: FRYE

IMPROVEMENT PERMIT by: Bryant C. White Date: 11-8-2023 OPERATION PERMIT by: Bryant C. White Date: 3-21-2024

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 11-21-2023 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 #: TBD
COUNTY: IREDELL

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

OWNER: STEVEN L. ADAMS — APPLICATION DATE: 3-15-2023
ADDRESS: 1672 OLD MOCKSVILLE ROAD, STATESVILLE, N.C. 28625 — DATE EVALUATED: 4-11-2023
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360 GPD — PROPERTY SIZE: TBD
LOCATION OF SITE: 1672 OLD MOCKSVILLE ROAD, STATESVILLE, N.C. 28625 — PROPERTY RECORDED: NO
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LINEAR SIDE 8%	0-10	PLOW	LAYER	CLAY IS MIXED MINERALOGY Y/B MOTS THRU OUT 2.5Y6/2 @ 32"+51" LENSES IN CL	~~48"+~~ 70"+	NA	NA	PS .2 ABOVE 30"
		10-30	C, ABK	fl, S, VP, SEXP					
		30-34	C, PL	fl, S, VP, SEXP					
		~~34-48~~ 34-70	CL, WABK	fl, SS, P, SEXP					
2	LINEAR SIDE 5%	0-12	PLOW	LAYER	CLAY IS MIXED MINERALOGY Y/B MOTS THROUT FEW SAP INC 2.5Y 62 @ 40"	49"+	NA	NA	PS .225 ABOVE 40"
		12-40	C, ABK	fl, S, VP, SEXP					
		40-49	CL, WABK	fl, SS, P, SEXP					
3	LINEAR SIDE 10%	0-11	PLOW	LAYER	CLAY IS MIXED MINERALOGY fl SAP INC 37"+ 2.5Y6/4 @ 24"	54"+	NA	NA	PS .25
		11-37	C, ABK	fl, S, VP, SEXP					
		37-54	CL, WABK	fl, SS, P, SEXP					
4	HEAD 8%	0-10	PLOW	LAYER	SAP INC THRU OUT	59"+	NA	NA	PS .275
		10-28	C, ABK	fl, S, VP, SEXP					
		28-59	CL, WABK	fR, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	0.275	0.25

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Burnett C. White
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).



PROPERTY ID #: TBD
COUNTY: IREDELL

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

OWNER: _____ APPLICATION DATE _____
ADDRESS: 1672 OLD MOCKSVILLE ROAD, STATESVILLE, N.C. 28625 DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5 1	LINEAR SIDE 10%	0-10	PLOW	LAYER	~~FEW~~ Y/B MOTS ~~26~~-32" ~~2.5Y 7/4~~ @ 30"	52"+	NA	NA	PS ~~.25~~ INSTALL @ 36"
		10-30	C, ABK	~~FI, S, P, SEXP~~					
		30-52	CL, WABK	~~FR, SS, SP, SEXP~~					
2	LINEAR SIDE/ FOOT 5%	0-10	PLOW	LAYER	Y/B MOTS 28"-40" 2.5Y 7/4 @ 34"	50"+	NA	NA	PS .25 ABOVE 28"
		10-34	C, ABK	FI, S, P, SEXP					
		34-50	CL, WABK	FR, SS, SP, SEXP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: SEE PAG 1
OTHER(S) PRESENT: _____

COMMENTS: _____

LEGEND

use the following standard abbreviations

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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)				
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		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.

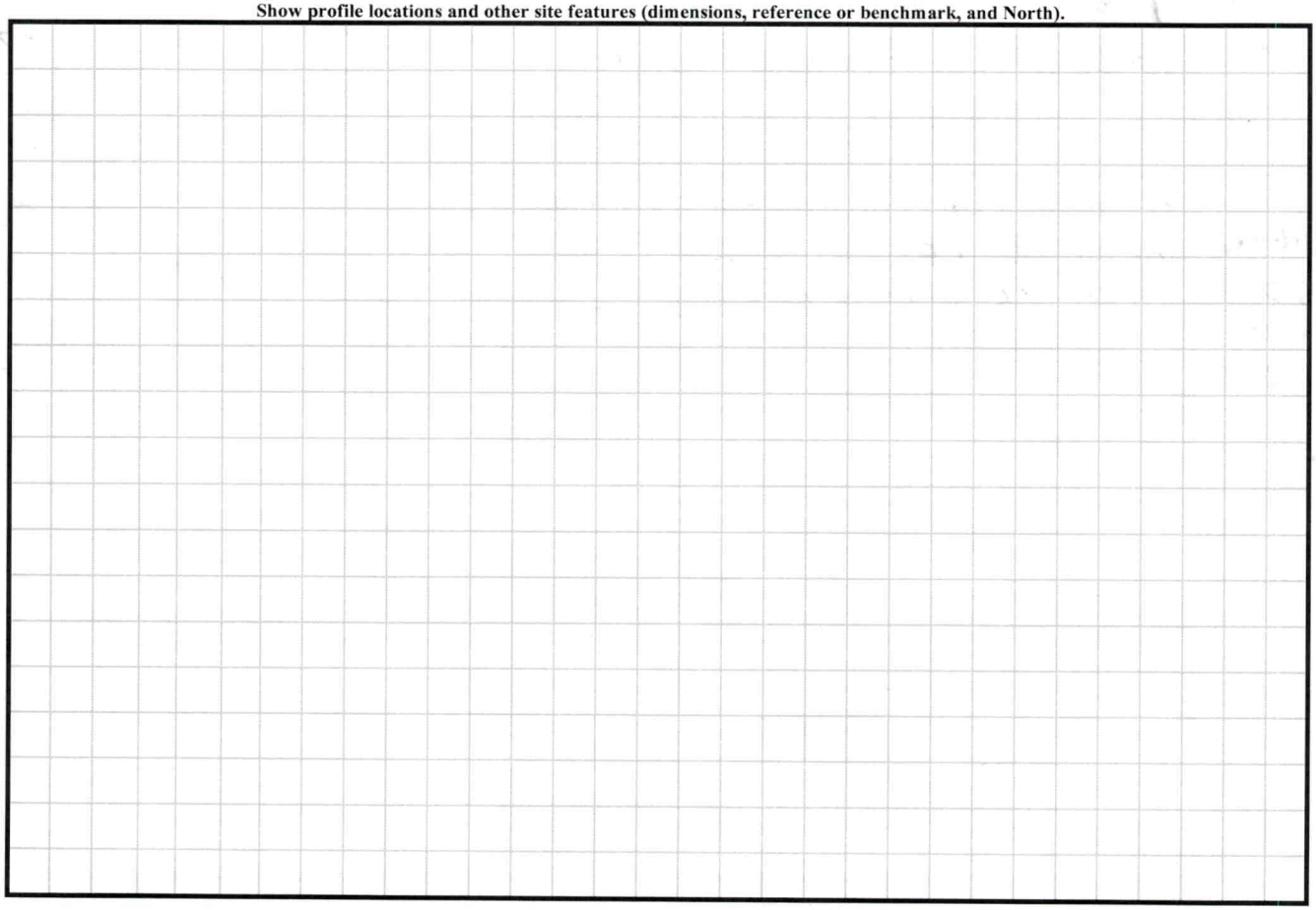
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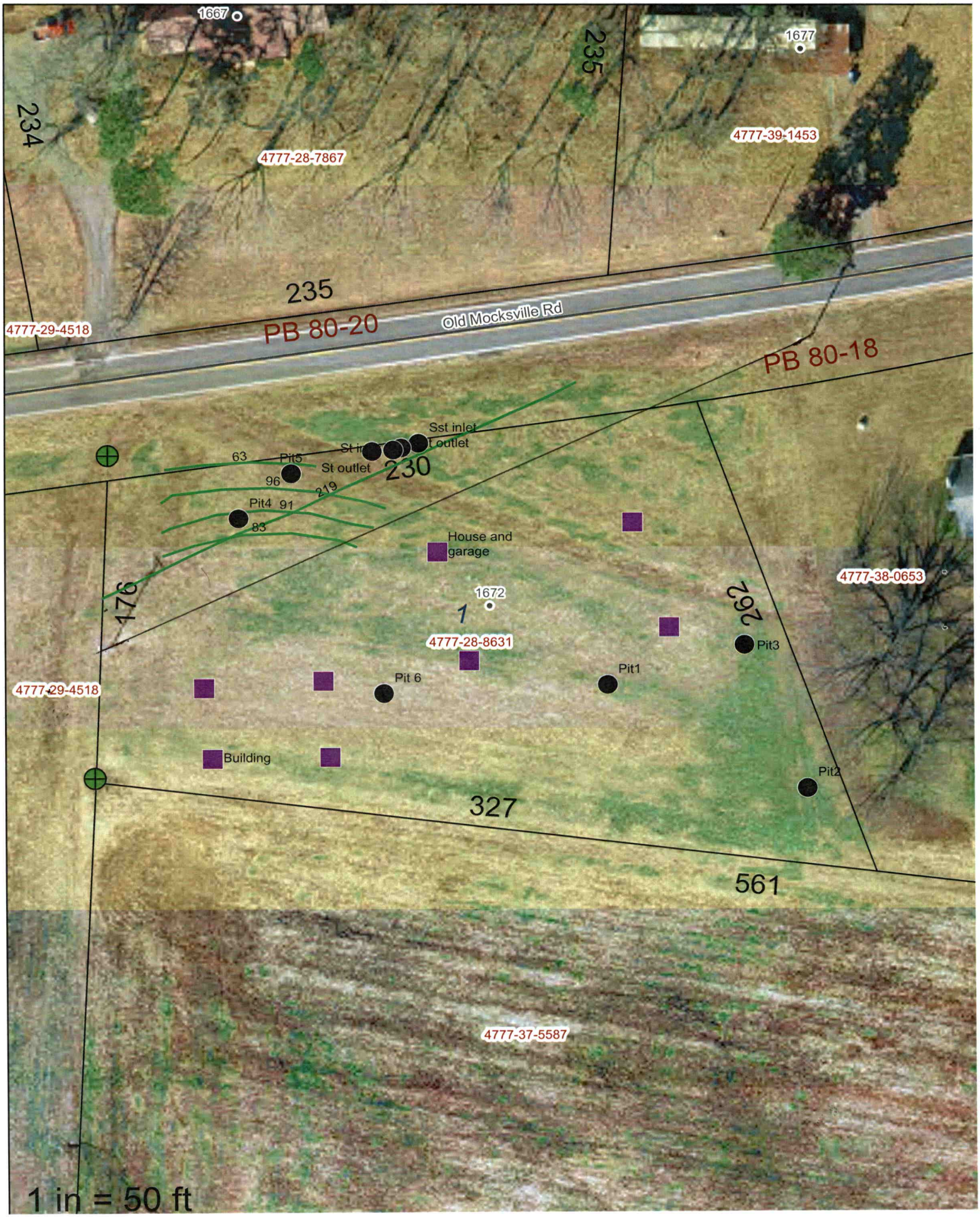
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).




1667
1677
235
234
4777-28-7867
4777-39-1453
235
PB 80-20
Old Mocksville Rd
4777-29-4518
PB 80-18
Sst inlet
St outlet
63
Pit5
St outlet
230
96
219
Pit4
91
83
House and garage
4777-38-0653
1672
1
176
292
4777-28-8631
Pit3
Pit1
Pit 6
4777-29-4518
Building
Pit2
327
561
4777-37-5587
1 in = 50 ft

PERMIT SNAPSHOT REPORT OSWP-2023-37259 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	09/21/2023
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:**	White, Bryant	**Approval Expire Date:**	

Description: Septic easement approval by Energy United. SEE DIAGRAM - wants to adjust septic lines into easement 9/28 Spoke to Steve redraw field lines, site ready. He stated he wanted to see about moving lines from where inspector laid out in March. 1.35 acre property. Site ready GM

Parcel: 4777288631.000 Main	**Address:** 1672 Old Mocksville Rd Statesville, NC 28625 Main	**Zone:** R-20(Suburban Residential District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Steven L Adams	Steven L Adams	Steven L Adams
P.O. 360	P.O. 360	P.O. 360
Statesville, NC 28687	Statesville, NC 28687	Statesville, NC 28687
Business: (336) 823-0986	Business: (336) 823-0986	Business: (336) 823-0986
Mobile: (336) 823-0986	Mobile: (336) 823-0986	Mobile: (336) 823-0986

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Intermediate Re-Layout, Relocate septic tank/drain lines	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	2300 sqft
What are the proposed structures	New Single-Family Residence - Modular	Type of New Single-Family Residence	Modular	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	3	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Other Public Water	Desired Septic System Type	No Preference
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Steven_Adams_9/21/2023.jpg	09/21/2023 18:27	Adams, Steven		Uploaded via CSS
16953349904676234209509391145692_v1.jpg	09/22/2023 15:50	Hart, Ronda	Available Online	Additional Supporting Information
16953350841794162259910253503786_v1.jpg	09/22/2023 15:50	Hart, Ronda	Available Online	Additional Supporting Information
easement septic_v1.pdf	09/22/2023 15:50	Hart, Ronda	Available Online	Site Plan
16953337768893517775759884804512_v1.jpg	09/22/2023 15:51	Hart, Ronda	Available Online	Additional Supporting Information
20230314_185219_v1.jpg	09/22/2023 15:52	Hart, Ronda	Available Online	AA

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-145462	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	09/28/2023	09/28/2023 0:00	09/28/2023 0:00	09/28/2023 15:29	09/28/2023 15:29

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. 9/28 Spoke to Steve. Needs field lines redrawn, site ready. He stated he wanted to see about moving lines from where inspector laid out. Got easement from power company to change field lines into easement area. Site ready GM	Grace McLeod	09/28/2023 9:04

PERMIT SNAPSHOT REPORT (OSWP-2023-37259)

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00021128	Intermediate Re-layout	$320.00	$320.00
	Total for Invoice INV-00021128	$320.00	$320.00
	Grand Total for Permit	**$320.00**	**$320.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		09/22/2023 15:53	09/22/2023 15:53
Confirm application complete v.1	Generic Action		09/22/2023 15:53
Lot Readiness Verification v.1		09/28/2023 15:28	
OSWP Septic Preliminary Site Visit v.1	Inspection	09/28/2023 15:28	09/28/2023 15:29
OSWP Site Evaluation v.1	Inspection		
~~**Zoning Review v.1**~~			09/22/2023 15:53
~~Floodplain Admin Overview v.1~~	Task		09/22/2023 15:53
~~Issue Invoice v.1~~	Generic Action		09/22/2023 15:53
~~Fees Paid v.1~~	Generic Action		09/22/2023 15:53
Fees v.1		09/22/2023 15:54	09/27/2023 8:28
Issue Invoice v.1	Generic Action		09/22/2023 15:54
Fees Paid v.1	Generic Action		09/27/2023 8:28
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		