ICHD - ENVIRONMENTAL HEALTH DIVISION

BCW - 2025 - 2318

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

PERMIT : OSWP - 2024 - 6

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

PIN # 4724 - 92 - 6719

APPLICANT/OWNER: D SAVAGE CONSTRUCTION LLC, APPLICANT ADDRESS: 5827 BRITTANY COURT, APARTMENT 8, CHARLOTTE, N.C. 28270

SITE ADDRESS: 911 IVY LANE, STATESVILLE, N.C. 28677 PHONE: 612-203-8175 ALT. PHONE —

SITE DIRECTIONS: (W) ON 70, (L) ON PARK, (R) ON WILLIAMS, (R) ON IVY, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 0.35A DESIGN FLOW: 360 GPD L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

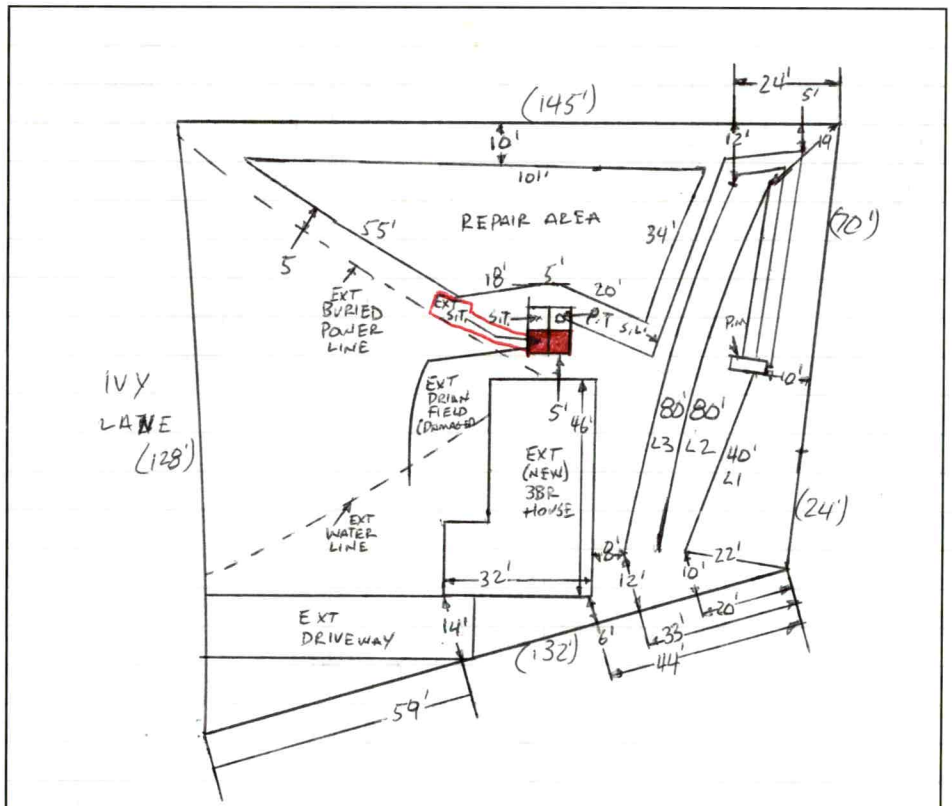
Septic Tank	1000 (gal)	STB	2152	Date	INFILT RATE	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank	1000 (gal)	PT	2149	Date	— INFILT	System Description:	50% REDUCTION - VPPBPS			☐ Business	No. Persons	6	☐ Private
Pump Make	—	Model	—	Serial #	—	Repair System Description:	50% REDUCTION - VPPBPS			☐ Other	No. Employees	—	☑ Public
# Nitrification Fields	1	# Lines	3	Linear Ft	200 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☐ Crawl Space		☐ Community
Trench Width	24 IN	*Max. Trench Depth(Initial)	30 IN	*Max. Trench Depth(Repair)	47 IN	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): 36 IN Usable Depth to LC (Repair): 48 IN *Limiting Condition*

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 7FT CENTERS, UTILIZE PRESSURE MANIFOLD TO ACHIEVE EQUAL DISTRIBUTION. DO NOT EXCEED A 36IN MAX TRENCH DEPTH (HIGHSIDE)

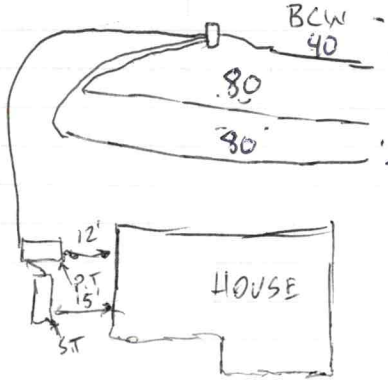
INSTALL VERTICAL PANEL BLOCK. PRECONSTRUCTION MEETING RECOMMENDED CALL 704-902-0073 OLD SYSTEM IS NOT TO BE USED

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.



1 IN = 40 FT
S.T. = SEPTIC TANK
P.T. = PUMP TANK
S.L. = SUPPLY LINE
P.M. = PRESSURE MANIFOLD
EXT = EXISTING
DOSE VOLUME = 16 GAL
OF PANELS = 45
TAPS
L1 = 1½ SCH 80
L2 = ¾ SCH 80
L3 = ¾ SCH 80
GPM = 25.68
RUNTIME = 6.25 MINS
DRAW DOWN = 7.75 IN
SUPPLY LINE DIA. = 2 IN
PRESSURE HEAD = 24 FT

Alarm
PH CW
PM 2/21
Floats

* Needs electrical * ✓ 2-25 BR
Check putty seal in alarm box ✓ 2-25 BR

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: MKB PLUMBING

IMPROVEMENT PERMIT by: Bryant C. White Date: 1-9-2025 OPERATION PERMIT by: Bryant C. White Date: 2/25/2025

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 1-9-2025 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

PROPERTY ID #: 4724-92-6719
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: D SAVAGE CONSTRUCTION LLC DATE EVALUATED: 1-7-2024
ADDRESS: 5827 BRITTANY COURT, APARTMENT 8, CHARLOTTE, N.C. 28625
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE: 0.35 AC
LOCATION OF SITE: 911 IVY LANE, STATESVILLE, N.C. 28677 PROPERTY RECORDED: YES
WATER SUPPLY: ✓Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: ~~100~~ 50 FT
EVALUATION METHOD: Auger Boring ✓Pit Cut TYPE OF WASTEWATER: ✓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	LINEAR SIDE 12%	0-25	FILL	MIXED	O.M 0"-25" MIXED IN R/B MATRIX	~~60~~" + 60"	NA	NA		5"
		25-48	C, ABK	FR, S, P, SEXP						
		48-60+	CL, WABK	FR, SS, SP, SEXP						
2	LINEAR SIDE 6%	0-8	FILL	MIXED	FEW SAP INC THRU OUT R/B MATRIX	48"+	NA	NA	PS ~~.4~~ .3	2.5"
		8-40	C, ABK	FR, S, P, SEXP						
		40-48	CL, WABK	FR, SS, SP, SEXP						
3	LINEAR SIDE 5%	0-8	FILL	MIXED	FEW SAP INC 32"+ R/B MATRIX	50"+	NA	NA	PS .3	2"
		8-36	C, ABK	FR, S, P, SEXP						
		36-50	CL, WABK	FR, SS, SP, SEXP						
4	LINEAR SIDE 15%	0-36	C, ABK	FR, S, P, SEXP	FEW SAP INC THRU OUT R/B MATRIX	63"+	NA	NA	PS .3	6"
		36-63	CL, WABK	FR, SS, SP, SEXP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	~~60~~%	60%
Site LTAR	0.3	0.3
Maximum Trench Depth	30 IN	47 IN

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Bryant C. White
OTHER(S) PRESENT: _____

Comments: _____

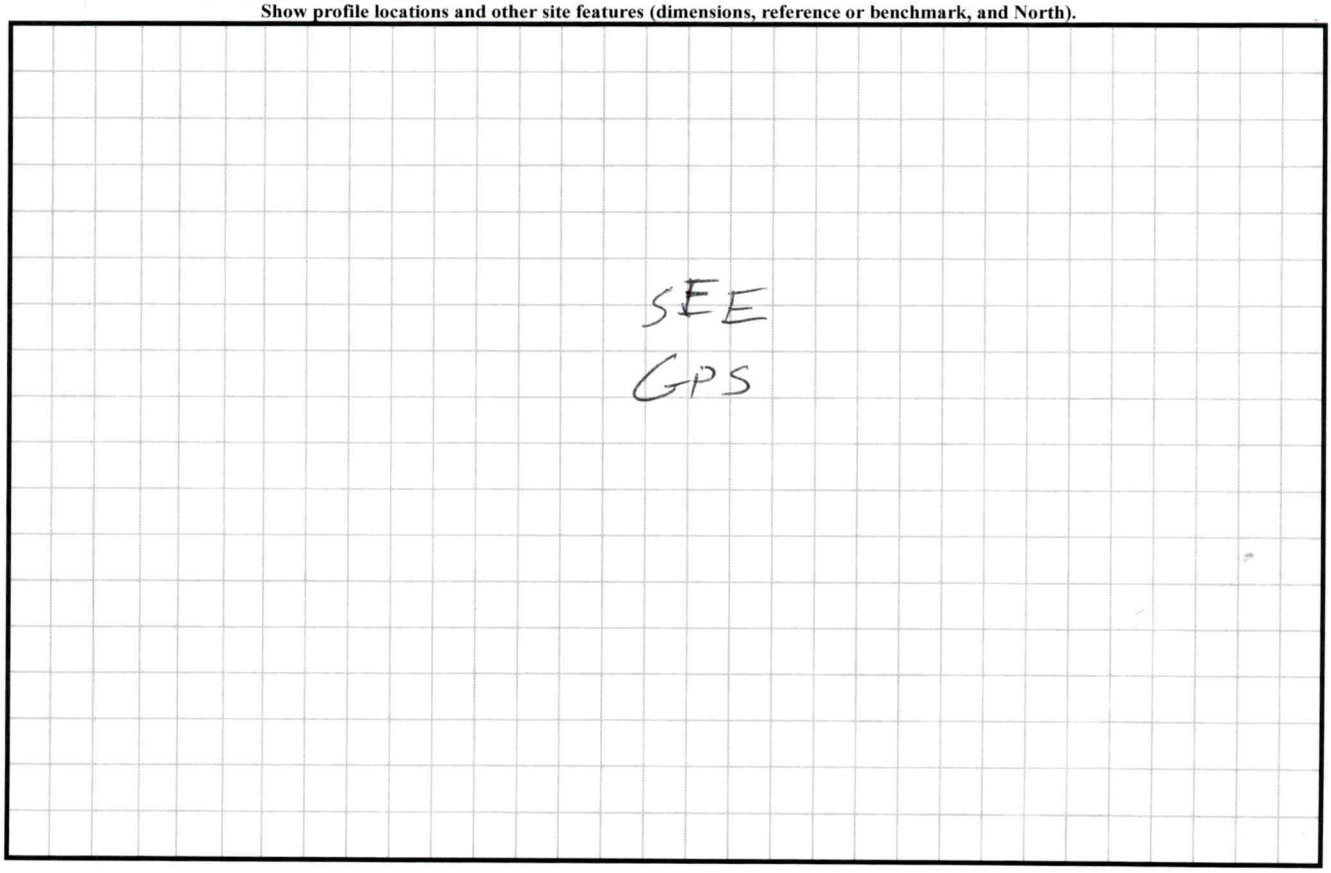
LEGEND

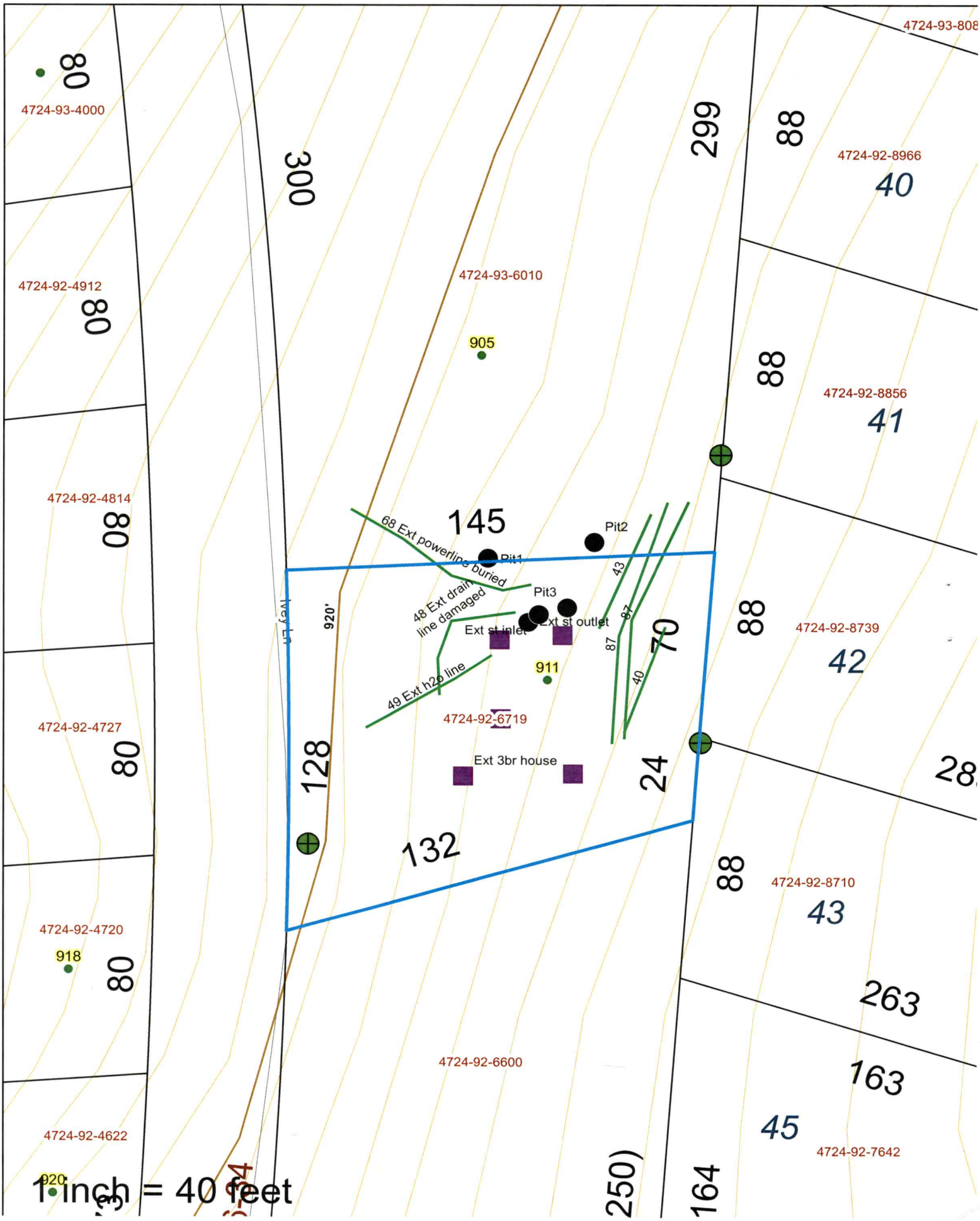
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	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).




4724-93-808
4724-93-4000
80
300
299
88
4724-92-8966
40
4724-92-4912
80
4724-93-6010
905
88
4724-92-8856
41
4724-92-4814
80
145
Pit2
68 Ext powerline buried
Pit1
43
Pit3
48 Ext drain line damaged
97
Ext st outlet
Ext st inlet
87
70
88
4724-92-8739
42
920'
911
49 Ext h2o line
40
4724-92-4727
80
4724-92-6719
128
Ext 3br house
24
28
132
88
4724-92-8710
43
4724-92-4720
80
918
263
4724-92-6600
163
4724-92-4622
45
4724-92-7642
920
250)
164
1 inch = 40 feet

PERMIT SNAPSHOT REPORT OSWP-2024-65298 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	11/14/2024
Work Class:	EH Septic Permit	**District:**	Statesville	**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: NEW 3 BD HOME - ZONING N/A - rh SEE BLDR-2023-27318. NEED AA FORM & FEES PD - emailec 11/14/24 rh (OLDER HOME WAS REMOVED IT WAS A 2BD AND NEW HOME HAS ALREADY BEI BUILT ON THE PROPERTY AS A 3 BD. APPLYING FOR EXPANSION.

Parcel: 4724926719.000 Main	**Address:** 911 Ivey Main Statesville, NC 28677	**Zone:** R-5M(High Density Single-Family/Manufa

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
D Savage Construction LLC	D Savage Construction LLC	D Savage Construction LLC
5827 BRITTANY CT APT 8	5827 BRITTANY CT APT 8	5827 BRITTANY CT APT 8
5827 Brittany Ct #8	5827 Brittany Ct #8	5827 Brittany Ct #8
Charlotte, NC 28270	Charlotte, NC 28270	Charlotte, NC 28270
Business: (612) 203-8175	Business: (612) 203-8175	Business: (612) 203-8175

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Expand septic to add bedrooms	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	Enough extension to ccomodate another bedroom
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	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		Permit type(s)	Improvement Permit with Site Plan
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_DaJuan_Savage_11/14/2024.jpg	11/14/2024 16:33	Savage, DaJuan		Uploaded via CSS
911 Ivey lane Site Survey_v1.pdf	11/14/2024 16:55	Savage, DaJuan	Available Online	
Rambler Style Engineer Certified FS 050622 Porch Left_v1.pdf	11/18/2024 13:32	COMEAUX, DEBRA	Available Online	FLOOR PLAN

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-266334	Requested	OSWP Septic/Well Preliminary Site Visit	11/22/2024	11/25/2024 0:00	11/25/2024 0:00		

Inspectors: COMEAUX, DEBRA (Primary)

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

PERMIT SNAPSHOT REPORT (OSWP-2024-65298)

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2023-27318	Residential Building	New Single-Family Dwelling

Note	Created By	Date and Time Created
1. getting survey done and will call me when ready.	Peter Mravetz	11/19/2024 11:46

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00038109	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00038109	$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		11/18/2024 13:20	11/18/2024 13:20
Confirm application complete v.1	Generic Action		11/18/2024 13:20
~~**Zoning Review v.1**~~			11/14/2024 17:03
~~Floodplain Admin Overview v.1~~	Task		11/14/2024 17:03
~~Statesville Zoning Approval v.1~~	Task		11/14/2024 17:03
~~Issue Invoice v.1~~	Generic Action		11/14/2024 17:03
~~Fees Paid v.1~~	Generic Action		11/14/2024 17:03
Fees v.1		11/14/2024 17:03	11/18/2024 13:20
Fees Paid v.1	Generic Action		11/18/2024 13:20
Issue Invoice v.1	Generic Action		11/14/2024 17:03
Lot Readiness Verification v.1		11/22/2024 11:05	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/22/2024 11:05	11/22/2024 11:05
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		



IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
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Geometry updated 11/08/2024
Data updated 11/08/2024

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.