ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2023-33410 OSWP (BB)

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

PIN # 4702 -- 78 -- 9143

APPLICANT/OWNER: Jason Bost APPLICANT ADDRESS: 127 Ashley Brook Ln. Statesville 28625

SITE ADDRESS: 143 Lamb Rd. Statesville 28677 PHONE: — ALT. PHONE —

SITE DIRECTIONS: E Lewis Ferry - (L) Lamb Rd - Lot on (R) SAP CONTROLLED: ☐ YES ☑ NO

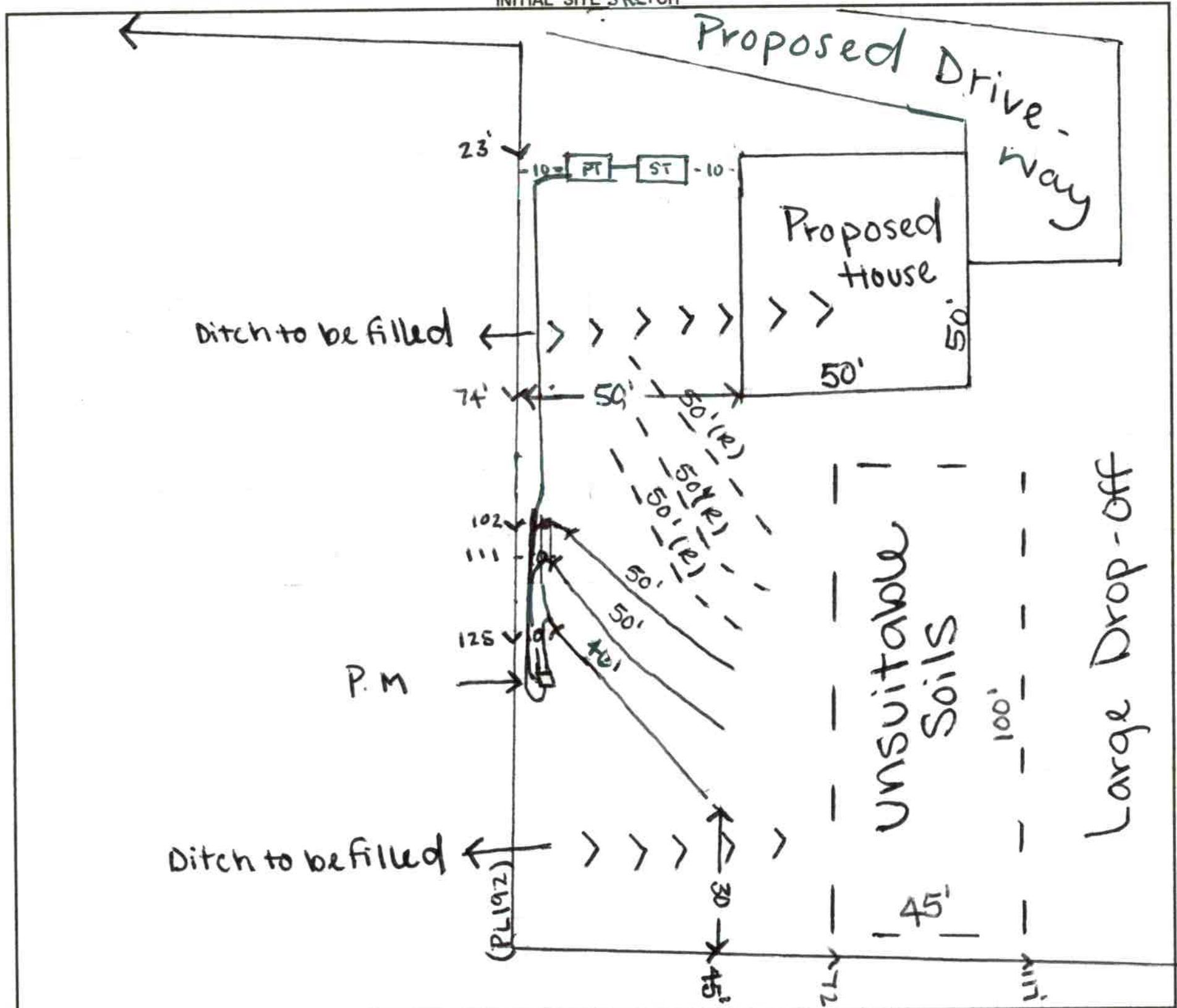
SUBDIVISION: ____ SECTION: — LOT # — LOT AREA: 8.01 DESIGN FLOW: 240gpd L.T.A.R.: .275

Septic Tank 1000 (gal)	STB 760	Date 12/27/23	☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI	☑ Residence No. Bedrooms 2	**Water Supply**
Pump Tank 1000 (gal)	PT 363	Date 12/12/23	System Description: HPPBPS - 50% Reduction	☐ Business No. Persons 4	☐ Private
Pump Make Goulds	Model WE0311M	Serial # D2338253	Repair System Description: 50% Reduction	☐ Other No. Employees ___	☑ Public
# Nitrification Fields 1	# Lines 3	Linear Ft 146'	Maintenance Agreement Required: ☐ YES ☑ NO	☑ Slab ☐ Crawl Space	☐ Community
Trench Width 36"	Trench Bottom Depth(Low side) 52"	Gravel Depth —	☐ GRAVITY ☑ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Comments / Conditions: System to be installed at 52" low side, not to exceed a 55" MAX. Vent every 25'.

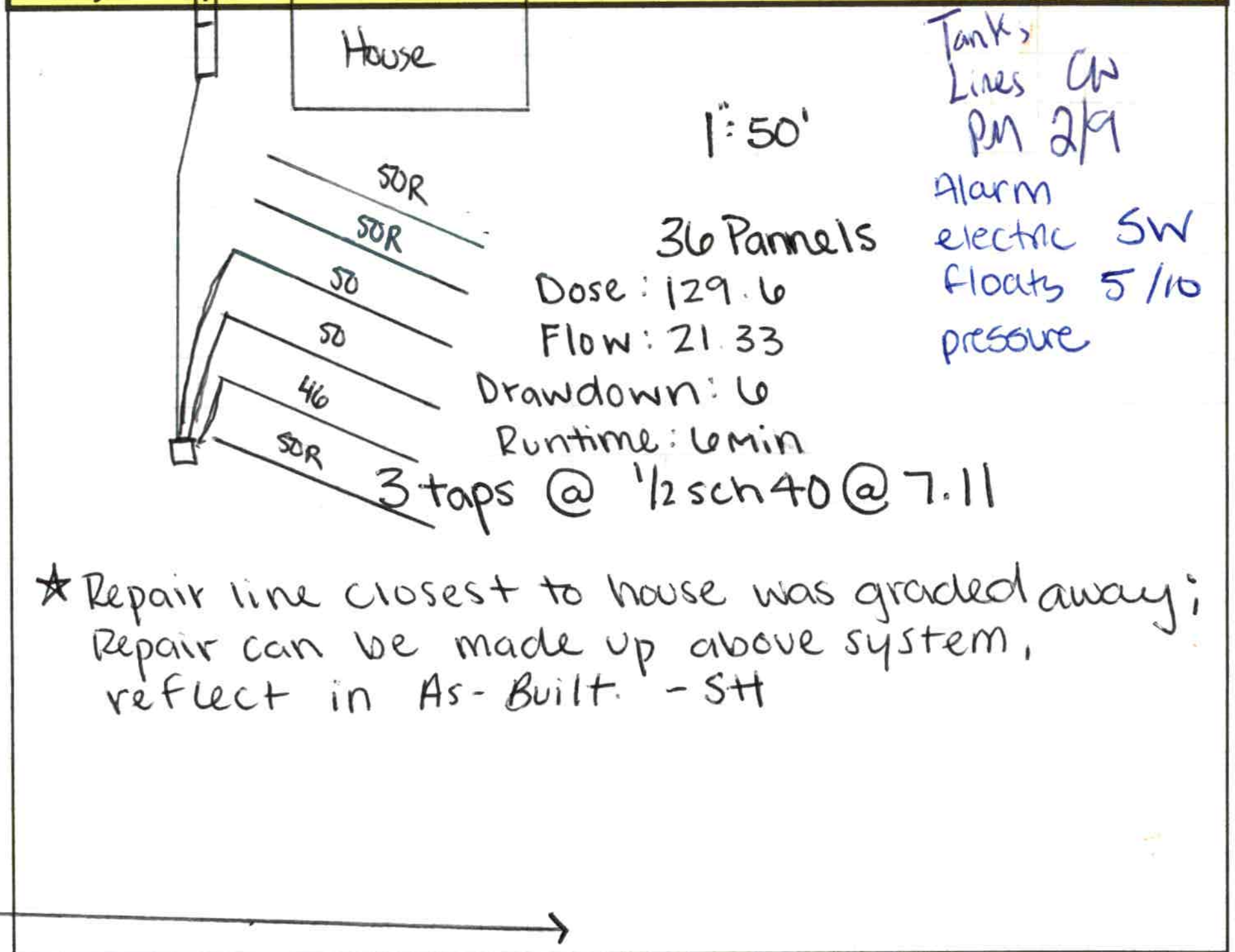
Do not pave, grade, park, drive, or bury utilities in drainfield.

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.



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: Piedmont Backhoe

IMPROVEMENT PERMIT by: Sydney Holland Date: 9/26/23 OPERATION PERMIT by: Sarah Williams Date: 5/10/2024

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 10/16/23 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? _____	

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

Sheet 1 of 2
PROPERTY ID #: 4762789143
COUNTY: Iredell

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

OWNER: Jason Bost
APPLICATION DATE 8/9/23
ADDRESS: 127 Ashley Brook Ln, Statesville 28625
DATE EVALUATED: 9/20/23
PROPOSED FACILITY: 2BR
PROPOSED DESIGN FLOW (.1949): 240
PROPERTY SIZE: 8.01
LOCATION OF SITE: 143 Lamb Rd, Statesville
PROPERTY RECORDED: yes
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 3-5%	Washed	S-P-FR-SEXP	0-9	2.5Y 6/2 @ 20"+ 5Y 6/2 @ 17"+ 5Y 6/2 @ 19"+	48"	-	-	U
		C/WSBK	SS-SP-FR-SEXP	9-32					
		CL/SBK	SS-SP-FR-SEXP	32-48					
		↳Tight							
2	LS 2-3%	0-19	C/WABK	S P FR SE	some sap inc. in C Wavy boundry - SAP 2.5Y 8/2 @ 19"+	48"	-	-	PS Drip 0.15
		19-36	SAP R/C	NS NP SE Fi					
		36-48	CL/ABK	SS SP SE Fi					
3	LS 5-7%	0-21	C/ABK	S-P-FR-SEXP	2.5Y 7/2 @ 17"+ 2.5Y 8/4 @ 13"+ Grey 1 7/2 @ 12" Redox thruout	48"	- Sap inc. in CL Quartz frag. thru-out	-	U
		21-48	CL/ABK	S-P-FR-SEXP					
4	LS 5-7%	0-25	C/SBK	S-P-FR-SE	2.5Y 6/6 @ 10" 2.5Y 6/3 @ 18" 2.5Y 6/4 @ 22" 2.5Y 7/2 @ 32" → Mottles Stop ↳Root channel	64"			P.S .275 (Deep)
		25-67	CL/SBK	SS-SP-FR-SEXP					
			↳Tight						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	145	145
System Type(s)	50	50
Site LTAR	.275	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): P.S
EVALUATED BY: S. Holland
OTHER(S) PRESENT: S. Williams B. Botkins

COMMENTS:

Updated February 2014

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.

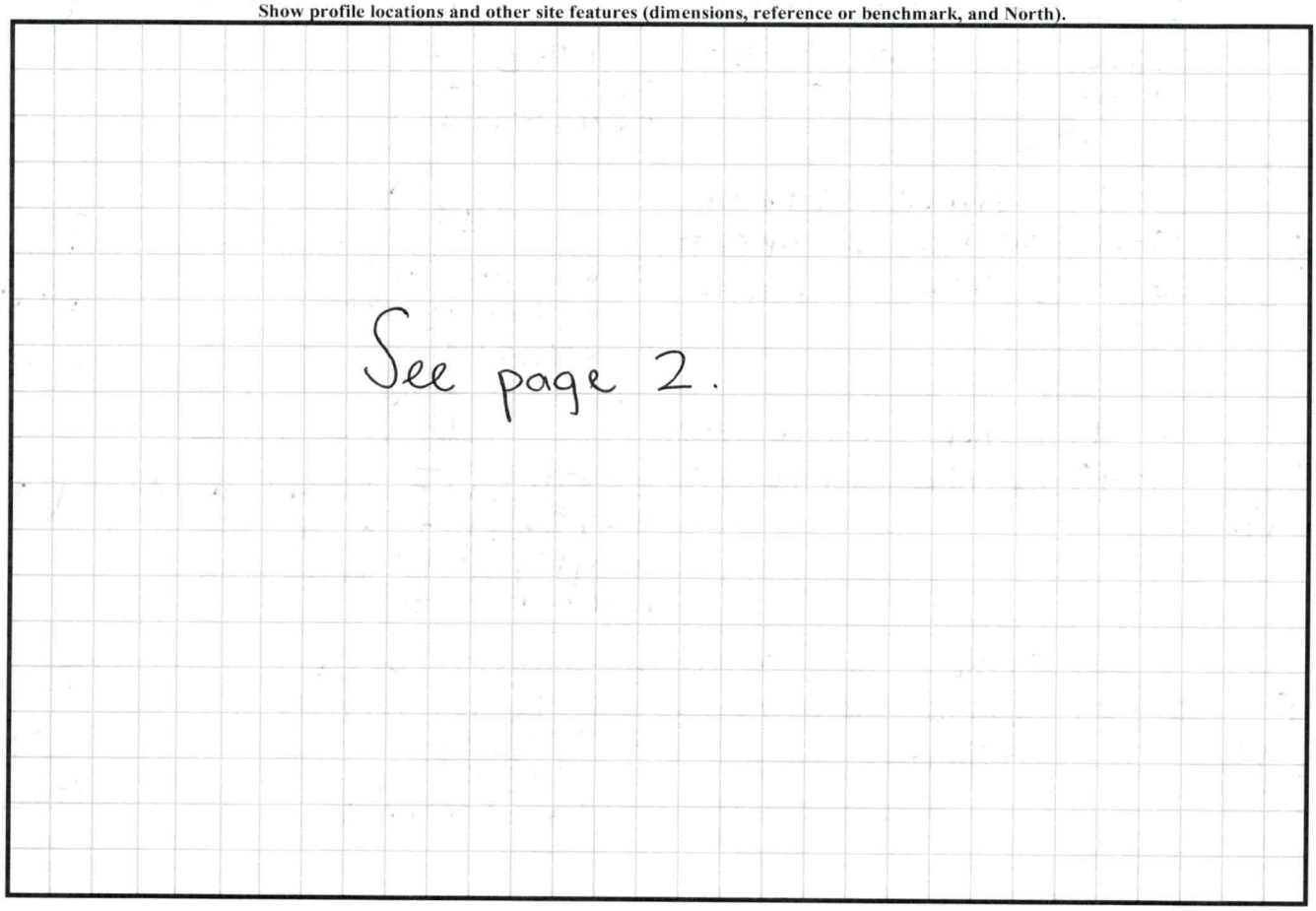
NOTES

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).



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

Sheet 2 of 2
PROPERTY ID #: 4702789143
COUNTY: Iredell

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

OWNER: Same as 1st page ↓ APPLICATION DATE 8/9/23
ADDRESS: DATE EVALUATED: 9/20/23
PROPOSED FACILITY: 2BR PROPOSED DESIGN FLOW (.1949): 240 PROPERTY SIZE: 8.61
LOCATION OF SITE: 143 Lamb Rd, Statesville. PROPERTY RECORDED: yes
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	LS 5-7%	0-30	C/SBK	S-P-FR-SExP	Sap inc.	(48") 15"+		—	P.S .25
		30-48	CL/SBK	SS-SP-FR-SExP					
6	LS 5-7%	0-30	C/ABK	S-P-FR-SExP	2.5Y6/1@15" 10YR 7/1@18" → MOTTLES STOP Y/B thru-out	(67")		—	U 22↑ .275 22"↓
		30-48	CL/ABK	SS-SP-FR-SExP					
		48-67 (went deeper after 48")	CL/ABK	SS-SP-FR-SExP					
7	LS 5-7%	0-6	CL/SBK	SS-SP-FR-SE	Heavy sap inc. incL Few Y/B thruout Few Mn inc thruout	(48")		—	P.S .25
		6-24	C/ABK	SS-SP-FR-SE					
		24-48	CL/SBK ↳ Tight	SS-SP-FR-SE					
8	LS 7-10%	0-32	C/ABK	SS-SP-FR-SE	10-24 w/ heavy sap inc.	—		—	P.S .275
		32-67	LSAP	NS-NP-FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	145	145
System Type(s)	50	50
Site LTAR	.275	.275

OTHER FACTORS (.1946): P.S
SITE CLASSIFICATION (.1948):
EVALUATED BY: S. Holland
OTHER(S) PRESENT: S. Williams B. Botkins

COMMENTS: (Deep)

Updated February 2014

LEGEND

use the following standard abbreviations

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FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
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L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
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*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

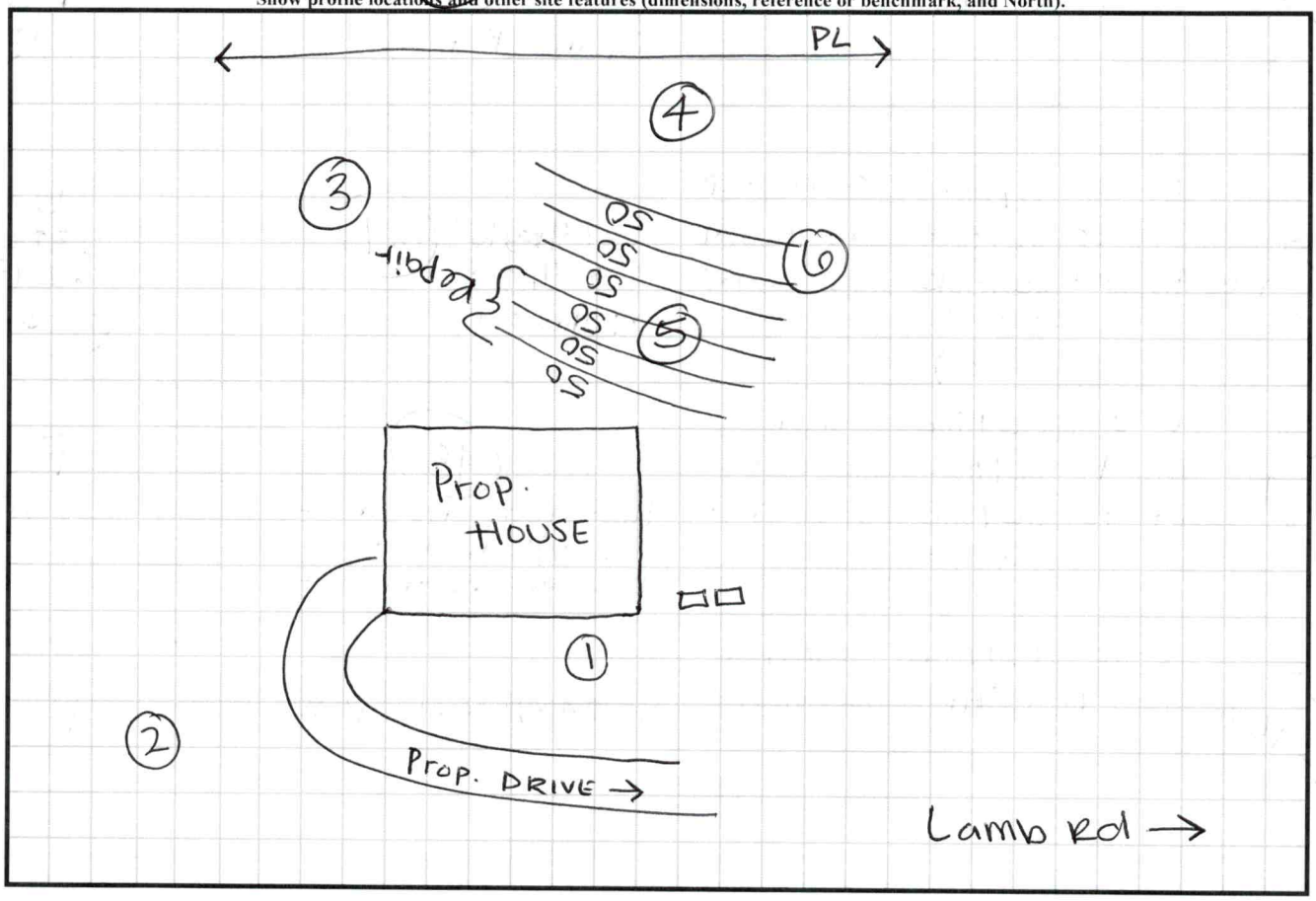
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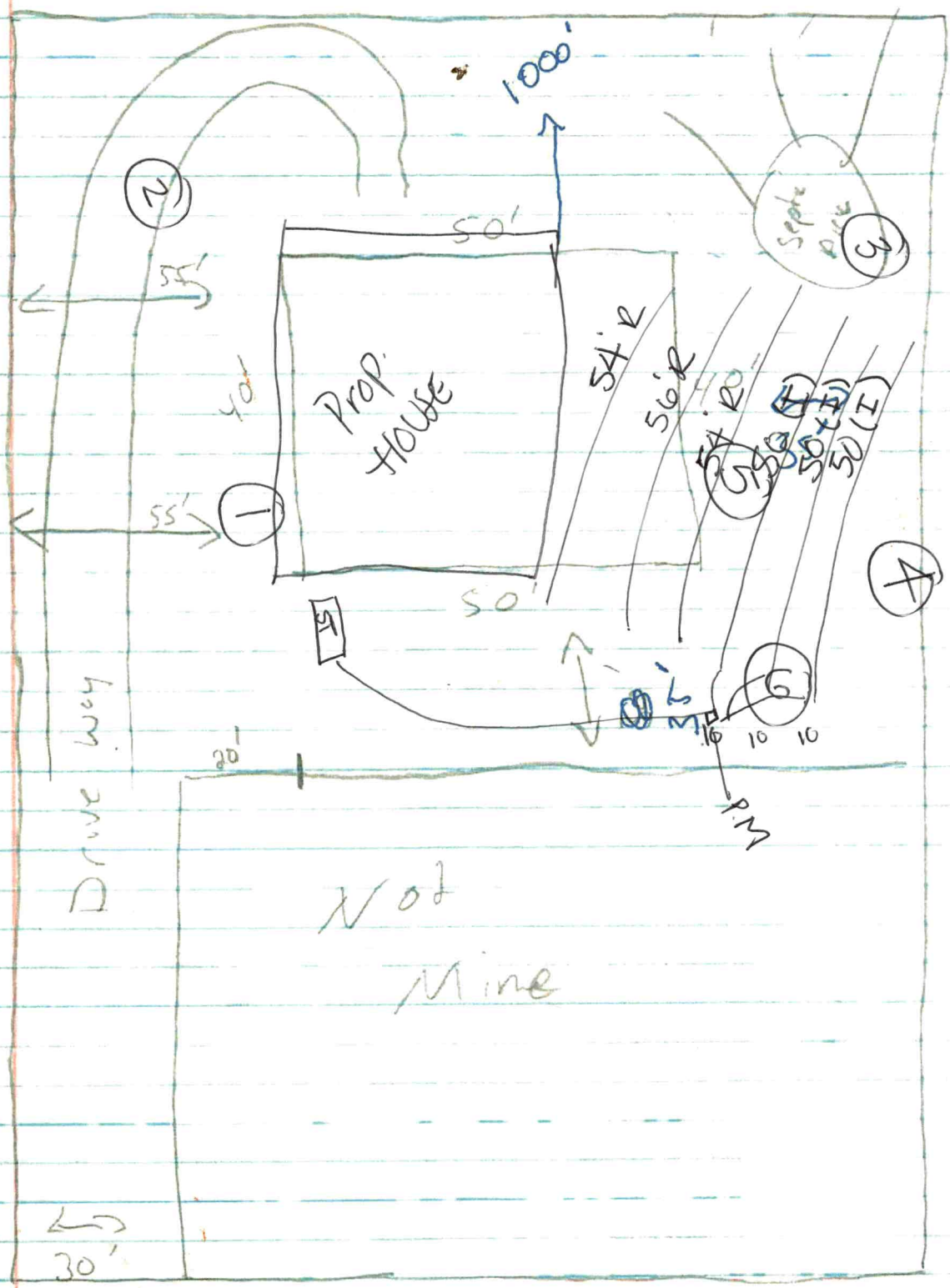
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DEPTH OF FILL — In inches from land surface
RESTRICTIVE HORIZON — Thickness and depth from land surface
SAPROLITE — S(suitable) or U(unsuitable)
SOIL WETNESS — Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION — S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

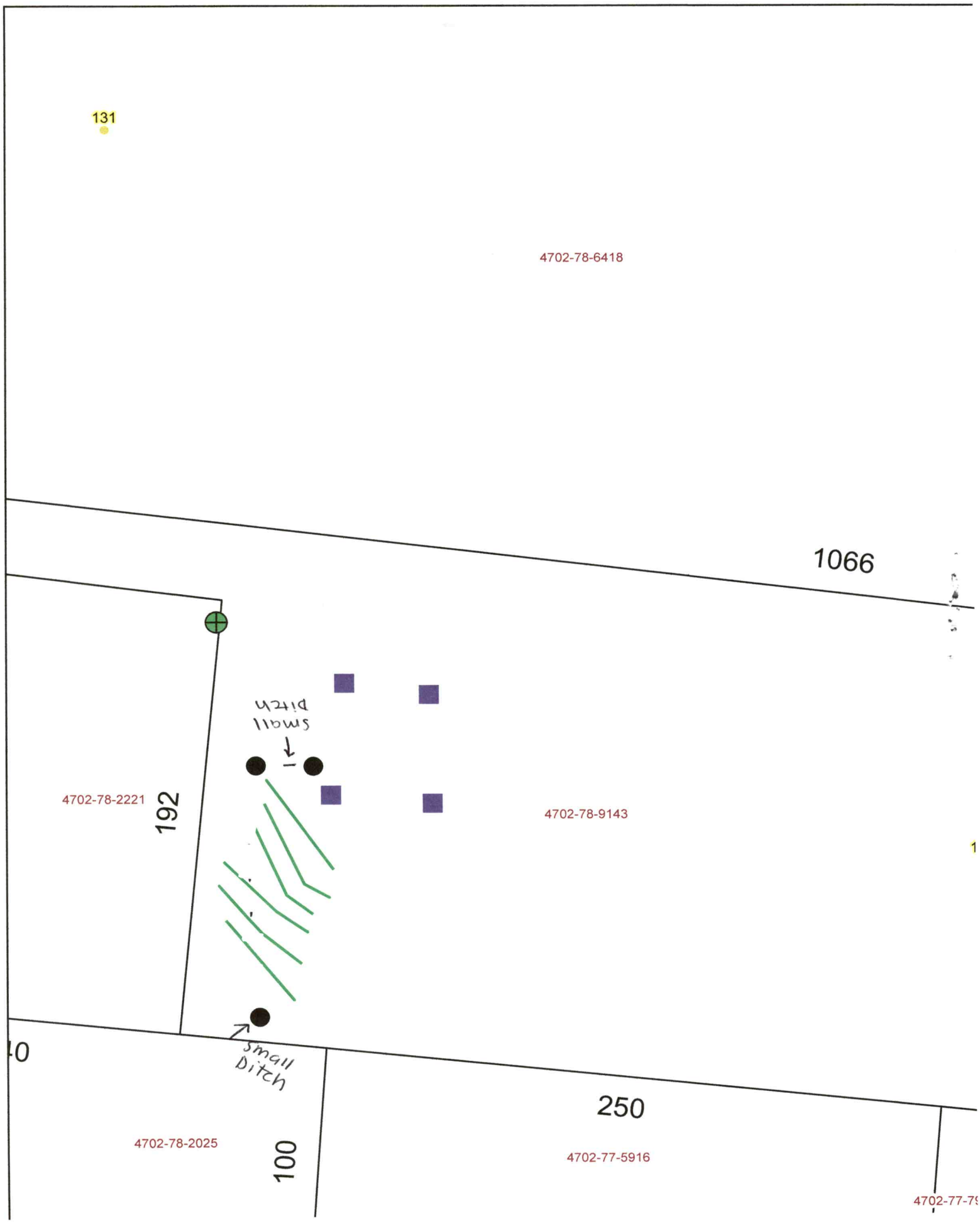
Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

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




1000'
50'
55'
40'
Prop. House
55'
54' R
56' R
50 (I)
50
Spare Pile
Drive way
20'
30'
Not Mine
10
10
10
P.M


131
4702-78-6418
1066
small ditch
4702-78-2221
192
4702-78-9143
Small Ditch
250
4702-78-2025
100
4702-77-5916

PERMIT SNAPSHOT REPORT OSWP-2023-33410 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	08/09/2023
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:**	Holland, Sydney	**Approval Expire Date:**	

Description: perk test **IF CONVERTED TO ACCESSORY DWELLING MAY ONLY CONTAIN 650 HEATED SQUARE FEET.** PER JAKE 9/12 No number listed. Sent email to email address on file. GM Applicant responded site ready GM. 9/13 Site visit, site ready GM

Parcel: 4702789143.000 Main	**Address:** 143 Lamb Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Jason Bost
127 ashley brook ln
statesville, NC 28625

Property Owner
JASON T JR BOST

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	40x50 sqft
What are the proposed structures	Accessory Dwelling	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	2
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	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	8.01	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
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	IF CONVERTED TO AN ACCESSORY DWELLING MAY ONLY CONTAIN 650 HEATED SQAURE FEET PER JAKE	Additional Unique Setbacks Apply	No	Watershed	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jason_Bost_8/9/2023.jpg	08/09/2023 19:22	Bost, Jason		Uploaded via CSS
legal paper_v1.pdf	08/10/2023 13:26	Nebel, Barbara	Available Online	Authorize to Act as Agent
143 LAMB RD CORRECTED SITE PLAN.pdf	09/12/2023 15:19	Sloan, Chrystal		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-138600	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	09/13/2023	09/13/2023 0:00	09/13/2023 0:00	09/13/2023 11:58	09/13/2023 11:58

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. 9/12 No phone number listed. Sent an email to the email address on file. GM	Grace McLeod	09/12/2023 16:39

2. 9/13 Site ready GM	Grace McLeod	09/13/2023 11:59
3. Emailed applicant 9/15/23	Sydney Holland	09/15/2023 7:59

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00020682	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00020682	**$577.25**	**$577.25**
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		08/10/2023 13:26	08/10/2023 13:26
Confirm application complete v.1	Generic Action		08/10/2023 13:26
Fees v.1		09/12/2023 16:35	09/12/2023 16:35
Issue Invoice v.1	Generic Action		09/12/2023 16:35
Fees Paid v.1	Generic Action		09/12/2023 16:35
Lot Readiness Verification v.1		09/13/2023 11:58	
OSWP Septic Preliminary Site Visit v.1	Inspection	09/13/2023 11:58	09/13/2023 11:58
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		08/10/2023 13:26	09/12/2023 16:35
~~Floodplain Admin Overview v.1~~	Task		09/12/2023 15:35
Iredell County Zoning Approval v.1	Task	08/10/2023 13:26	09/12/2023 15:35
Issue Invoice v.1	Generic Action		09/12/2023 16:35
Fees Paid v.1	Generic Action		09/12/2023 16:35
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		