ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MANF 2023-4032 STH

PERMIT # OSWP 2023-34261

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

PIN # 4712 -- 54 -- 5467

APPLICANT/OWNER: David S. Mcneely

APPLICANT ADDRESS: 192 Low Ln Statesville NC 28677

SITE ADDRESS: 188 Low Ln Statesville NC 28677

PHONE: 704 320 9990

ALT. PHONE —

SITE DIRECTIONS: Buffalo Shoals → (R) Eufola → (R) Low Ln

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Wade S Lamberth

SECTION: — LOT # 20 LOT AREA: 0.59 AC

DESIGN FLOW: 360 L.T.A.R.: 0.25

Septic Tank	1000 (gal)	STB	1012	Date	9/16/23
Pump Tank	— (gal)	PT	—	Date	—
Pump Make	—	Model	—	Serial #	—
# Nitrification Fields	1	# Lines	3NEW/3EXT	Linear Ft	150NEW
Trench Width	36"	Trench Bottom Depth(Low side)	34"	Gravel Depth	—

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

System Description: 25% Reduction

Repair System Description: HPPBPS

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees —

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply

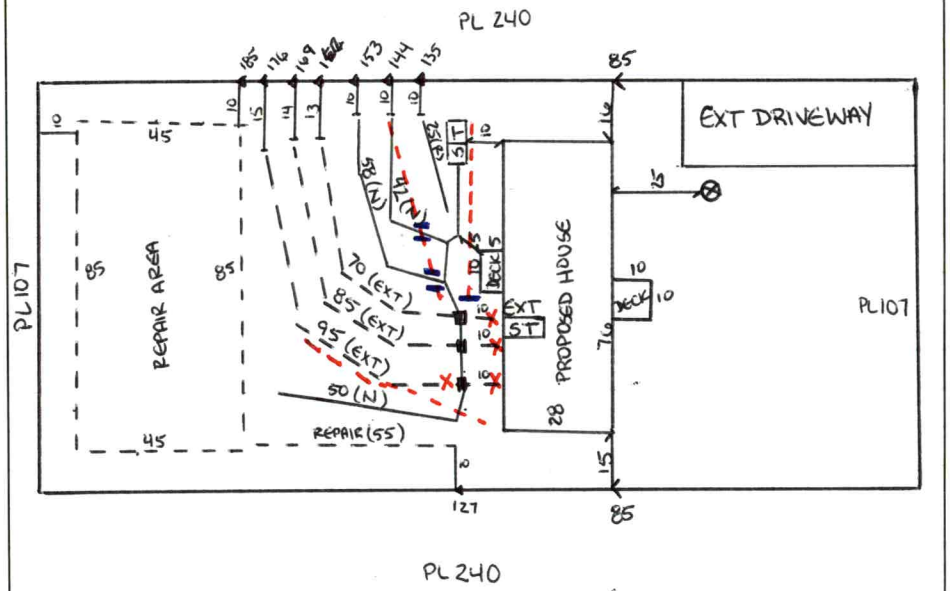
☒ Private EXT

☐ Public

☐ Community

Comments / Conditions: Pump, crush, & fill existing tank. Earthen dam existing lines 10' from proposed home. Set new drop boxes 10' from proposed home. Serial feed new lines. Do not exceed 36" trench depth.

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"=50'

TANK SW 11/20/2023

* Ext lines found at install shown in RED.
* Earthen dams shown in BLUE where new lines cross.
* Red X represents not existing lines. see modified in RED lines.
* additional soil evaluation shown in red X on soil sheet. LTAR = 0.3.
* 42' new line & 58' new line installed as shown.
* full repair area intact.

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: STEVE JORDAN

IMPROVEMENT PERMIT by: Sarah Williams Date: 9/19/2023 OPERATION PERMIT by: Sarah Williams Date: 11/27/2023

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 9/19/2023 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? _____	

PERMIT SNAPSHOT REPORT OSWP-2023-34261 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Bracken, Sarah
App Date: 08/17/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:
Description: 8/24 Spoke to David McNeely He stated site ready GM Site visit, Site ready GM

Parcel: 4712545467.000 Main
Address: 188 Low Ln Statesville, NC 28677 Main
Zone: RA(Residential Agricultural District)

Property Owner
LAMBERTH STEVEN S
1228 EUFOLA RD
STATESVILLE, NC 28677

Applicant/Authorized Agent
David S Mcneely
192 Low In
Statesville, NC 28677
Mobile: (704) 320-9990

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	28'x76'
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	doublewide	Number of Occupants	5	Foundation Type	Concrete Slab Foundation
Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No
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	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_David_Mcneely_8/17/2023.jpg	08/17/2023 14:48	Mcneely, David		Uploaded via CSS
authorization_v1.pdf	08/17/2023 15:59	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
floor plan_v1.pdf	08/17/2023 15:59	COMEAUX, DEBRA	Available Online	Floor Plan(s)
survey_v1.pdf	08/17/2023 15:59	COMEAUX, DEBRA	Available Online	Additional Supporting Information
site plan_v1.pdf	08/17/2023 16:56	Horton, Amanda	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-131720	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	08/24/2023	08/24/2023 0:00	08/24/2023 0:00	08/24/2023 16:42	08/24/2023 16:42

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. 8/24 Site ready GM	Grace McLeod	08/24/2023 16:43

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00019390	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2023-34261)

Iredell Zoning Tech Fee		$2.25	$2.25
New Gravity System		$500.00	$500.00
	Total for Invoice INV-00019390	$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		08/17/2023 15:59	08/17/2023 16:00
Confirm application complete v.1	Generic Action		08/17/2023 16:00
Fees v.1		08/17/2023 16:53	08/24/2023 11:04
Issue Invoice v.1	Generic Action		08/17/2023 16:53
Fees Paid v.1	Generic Action		08/24/2023 11:04
Lot Readiness Verification v.1		08/24/2023 16:42	
OSWP Septic Preliminary Site Visit v.1	Inspection	08/24/2023 16:42	08/24/2023 16:43
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		08/17/2023 16:52	08/24/2023 11:15
~~Floodplain Admin Overview v.1~~	Task		08/17/2023 16:52
Iredell County Zoning Approval v.1	Task	08/17/2023 16:52	08/24/2023 11:15
Issue Invoice v.1	Generic Action		08/17/2023 16:53
Fees Paid v.1	Generic Action		08/24/2023 11:04
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		

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
4712-54-5467

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

OWNER: David S. Maneely — APPLICATION DATE 8/17/2023
ADDRESS: 192 Low Ln Statesville NC 28677 — DATE EVALUATED: 9/11/23
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 3bed — PROPERTY SIZE: 0.54Ac
LOCATION OF SITE: 188 Low Ln Statesville NC 28677 — 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	.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%	0-11	FILL —	MIXED	10YR6/6@	26"		—	PS 0.275
		11-24	C ABK	S P SE FR	2.5Y6/6@	21"			
		24-57	CL ABK	SS SP SE FR		(57)			
					Yellows + YB throughout chromas 6+8				
					Quartz fragments throughout few Litho 40"+				
2	LS 2-3%	0-5	FILL —	MIXED	2.5Y5/2@ 15"			—	U
		5-30	C ABK	SS SP SE FR	2.5Y6/6@ 20"				
		30-49	CL ABK	SS SP SE FR		(30)			
					few V + YB Throughout				
					heavy SAP in CL 32"+				
3	LS 2-3%	0-6	SCL SBK	SS SP SE FR	2.5Y7/6@ 16"+			—	PS 0.25
		6-19	C ABK	SS SP SE FR	Quartz throughout				
		19-56	CL ABK	SS SP SE FR	YB throughout (56)				
					C PLATY TO ABK				
					SAP incl in CL mixed w/ YB				
4	LS 2-3%	0-6	SCL SBK	SS SP SE FR	2.5Y7/2@ 38"+ (54)			—	PS 0.25
		6-28	C ABK	S P SE FR	YB throughout				
		28-54	CL ABK	SS P SE FR	Litho 42"+ few				
					Quartz throughout				
					CL PLATY 34"-42"				

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

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.25
EVALUATED BY: S. Williams
OTHER(S) PRESENT:

COMMENTS: PIT 1 has stump hole / filled in 2' wide 21" deep / 11" fill

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.

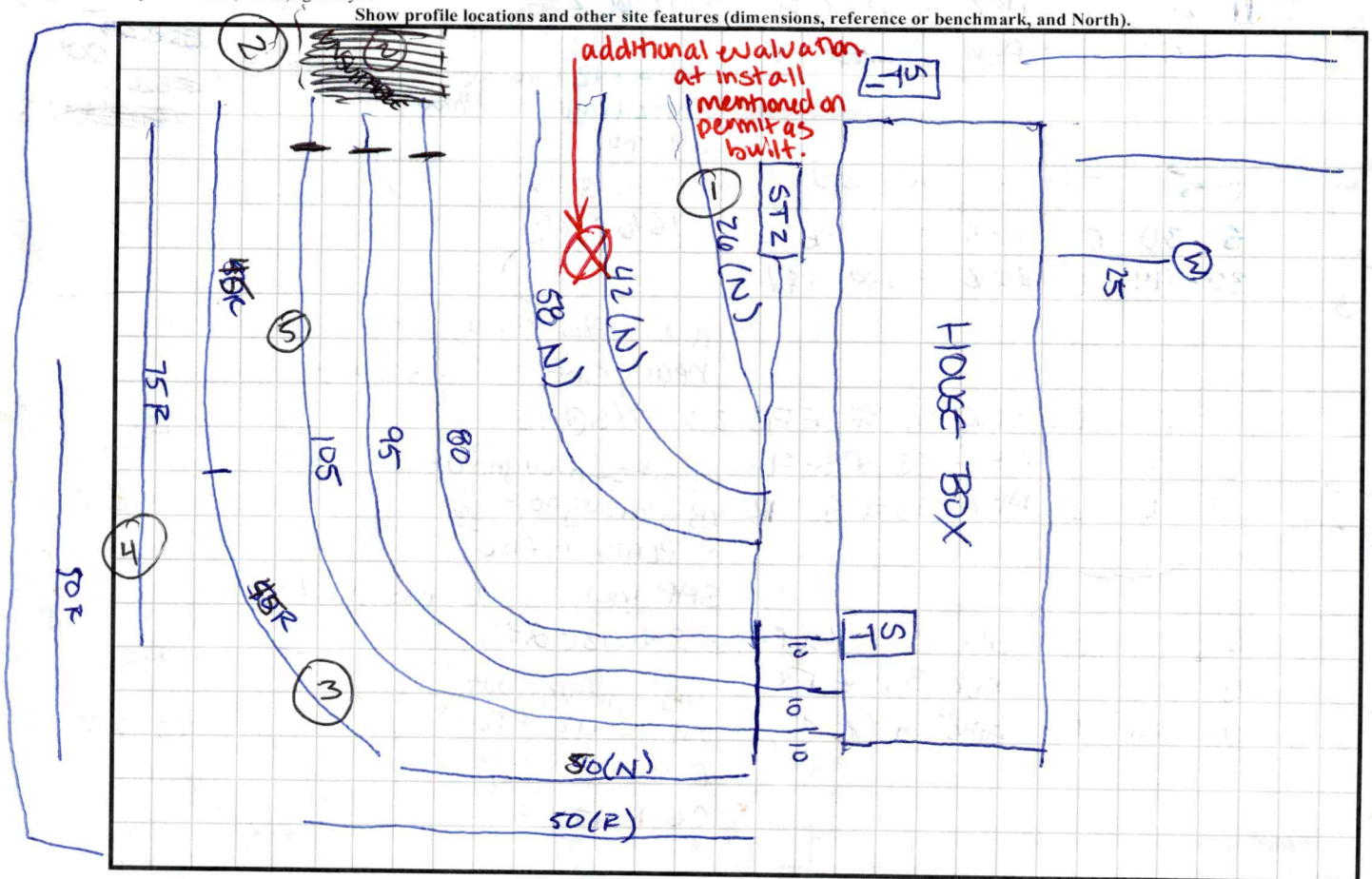
NOTES

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.

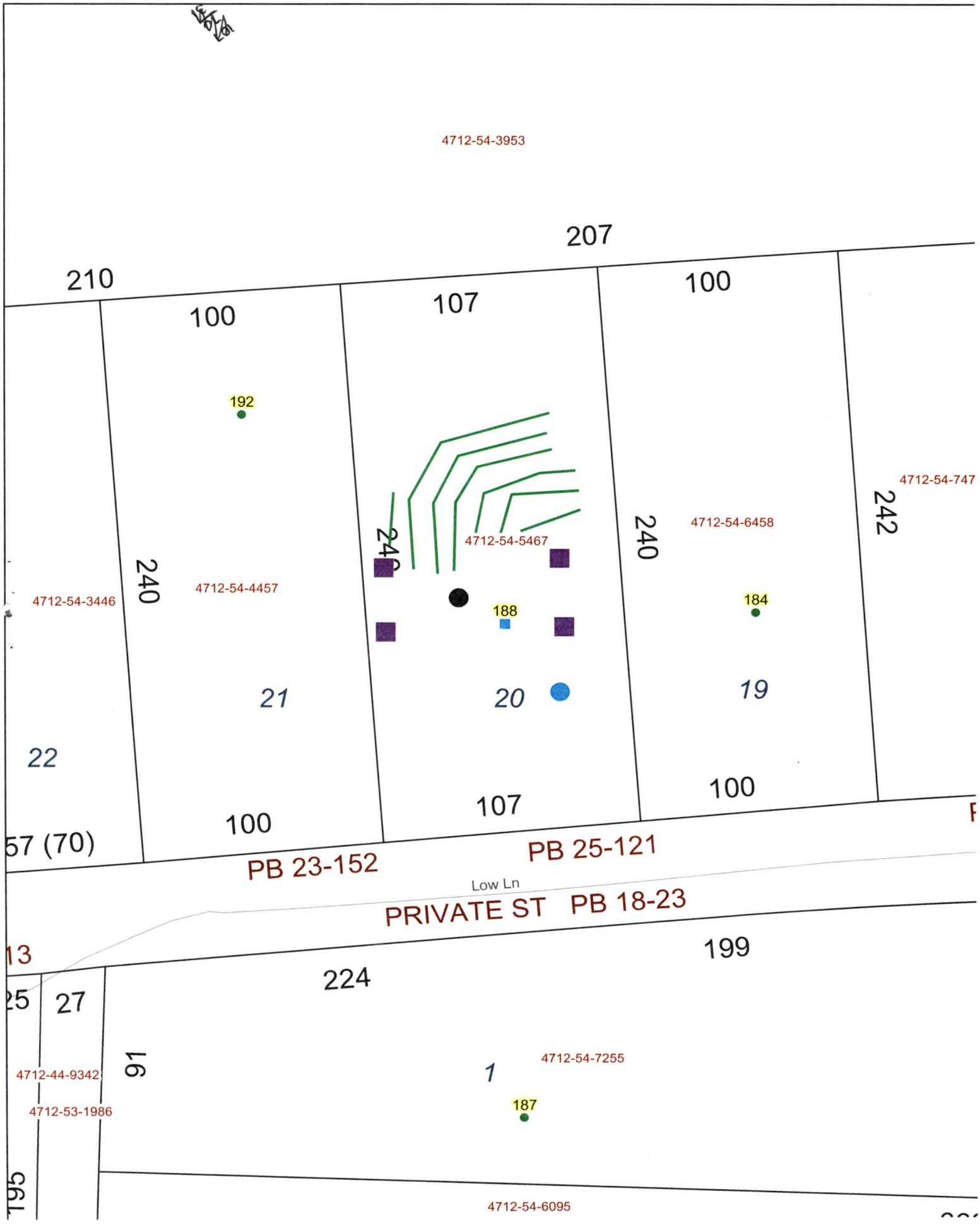
Long-term Acceptance Rate (LTAR): gal/day/ft²

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



5) LS 0-10 FILL/PLOW SCL
2-37% 10-31 C ABK 2.5Y 7/6 @ 33"+
31-57 CL ABK
57
SAP INCL Through CL

PS
0.25


4712-54-3953
207
210
100
107
100
192
4712-54-747
242
240
4712-54-6458
4712-54-5467
240
4712-54-3446
4712-54-4457
188
184
21
20
19
22
100
107
100
57 (70)
PB 23-152
PB 25-121
Low Ln
PRIVATE ST PB 18-23
13
199
224
25
27
91
4712-54-7255
4712-44-9342
1
4712-53-1986
187
4712-54-6095

Lake Norman

The Colonial

