ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-43776

PERMIT # 2023-40400

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

PIN # 4741 -- 73 -- 1511

APPLICANT/OWNER: Bonnie Moore | APPLICANT ADDRESS: 119 Levo Dr, Troutman

SITE ADDRESS: 119 Levo Dr, Troutman 28166 | PHONE: 704-664-0454 | ALT. PHONE -

SITE DIRECTIONS: 215 - Perry - Levo | SAP CONTROLLED: ☐ YES ☒ NO

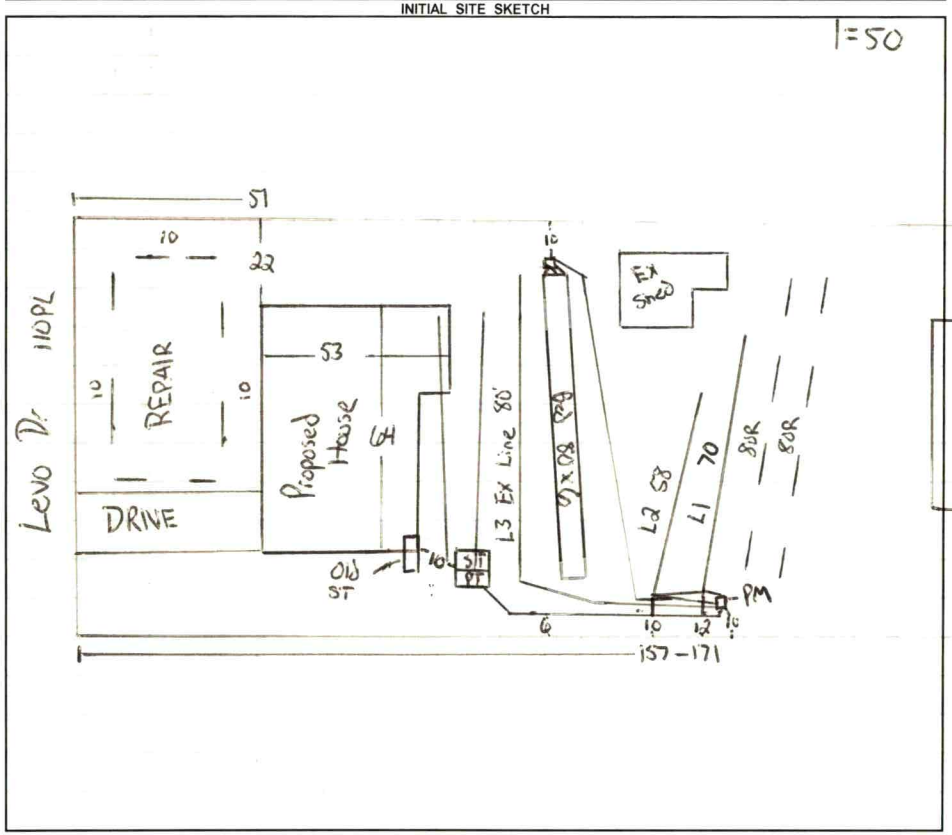
SUBDIVISION: Perry Heights | SECTION: - | LOT # 3 | LOT AREA: 110 x 376 | DESIGN FLOW: 360 gpd | L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB 760	Date	☐ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank	1000 (gal)	PT 363	Date	System Description:	25% reduction	☐ Business	No. Persons	6	☒ Private
Pump Make		Model	Serial #	Repair System Description:	LP. PPBPS	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines Ex + 2	Linear Ft Ex + 106'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36 in	Trench Bottom Depth(Low side)	31 in	Gravel Depth	- ☐ GRAVITY ☒ PRESSURE	☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area. Cut 2 lines off closest to the house.

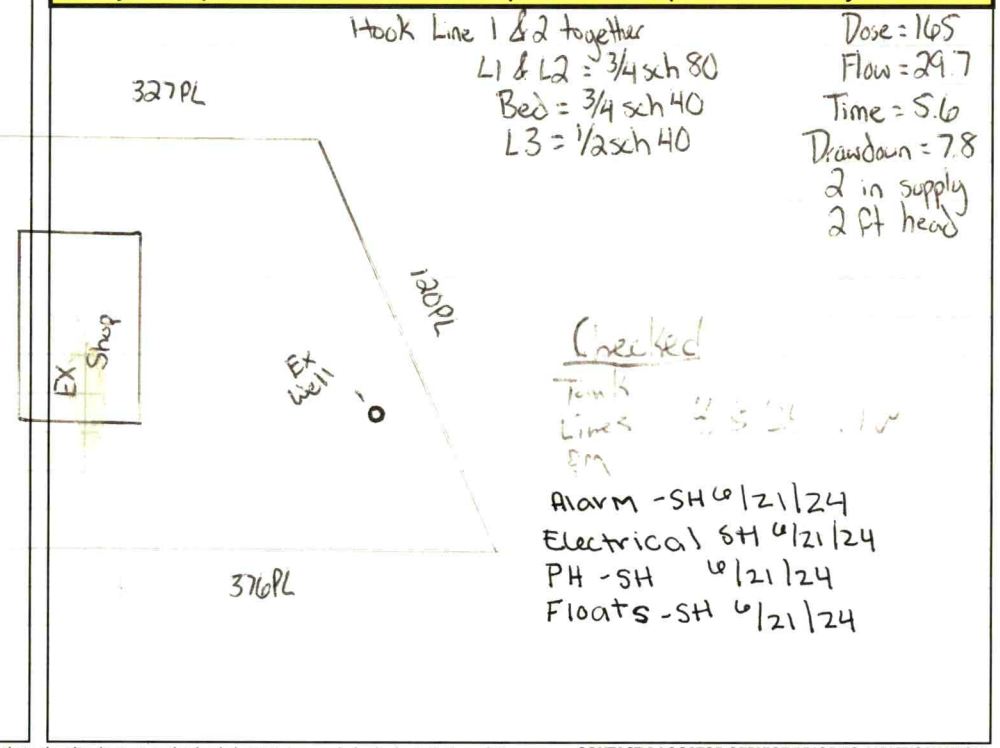
Pump, crush, & fill old tank. No foundation drain to be installed around house.
* Keep deck footers 5' from ex tank and it can be used *

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.



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: Abernathy

IMPROVEMENT PERMIT by: Cory Wilt | Date: 1/3/24 | OPERATION PERMIT by: Sydney Howard | Date: 6/21/24

AUTHORIZATION TO CONSTRUCT by: Cory Wilt | Date: 1/3/24 | 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 1
PROPERTY ID #: 4741731571
COUNTY: Iredell

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

OWNER: Bonnie Moore
ADDRESS: 119 Lavo Dr
PROPOSED FACILITY: 3 bdr home
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 119 Lavo

APPLICATION DATE
DATE EVALUATED: 12/28/23
PROPERTY SIZE: 110 x 376
PROPERTY RECORDED: yes

WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: X Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 8%	0 - 8	Fill		-	49	Many inc at 36"+		.3 PS
		8 - 34	C SBK	SS SP FR SE					
		34 - 49	CL SBK	SS SP FR SE					
2	Linear 10%	0 - 10	Fill		-	48	Many inc at 42"+		.3 PS
		10 - 35	C SBK	SS SP FR SE					
		35 - 48	CL SBK	SS SP FR SE					
3	Linear 6%	0 - 26	C SBK	SS SP FR SE	-	52	Common SAP inc in CL layer		.3 PS
		26 - 52	CL SBK	SS SP FR SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	257	50%
Site LTAR	.3	.3

OTHER FACTORS (.1946): PS
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.

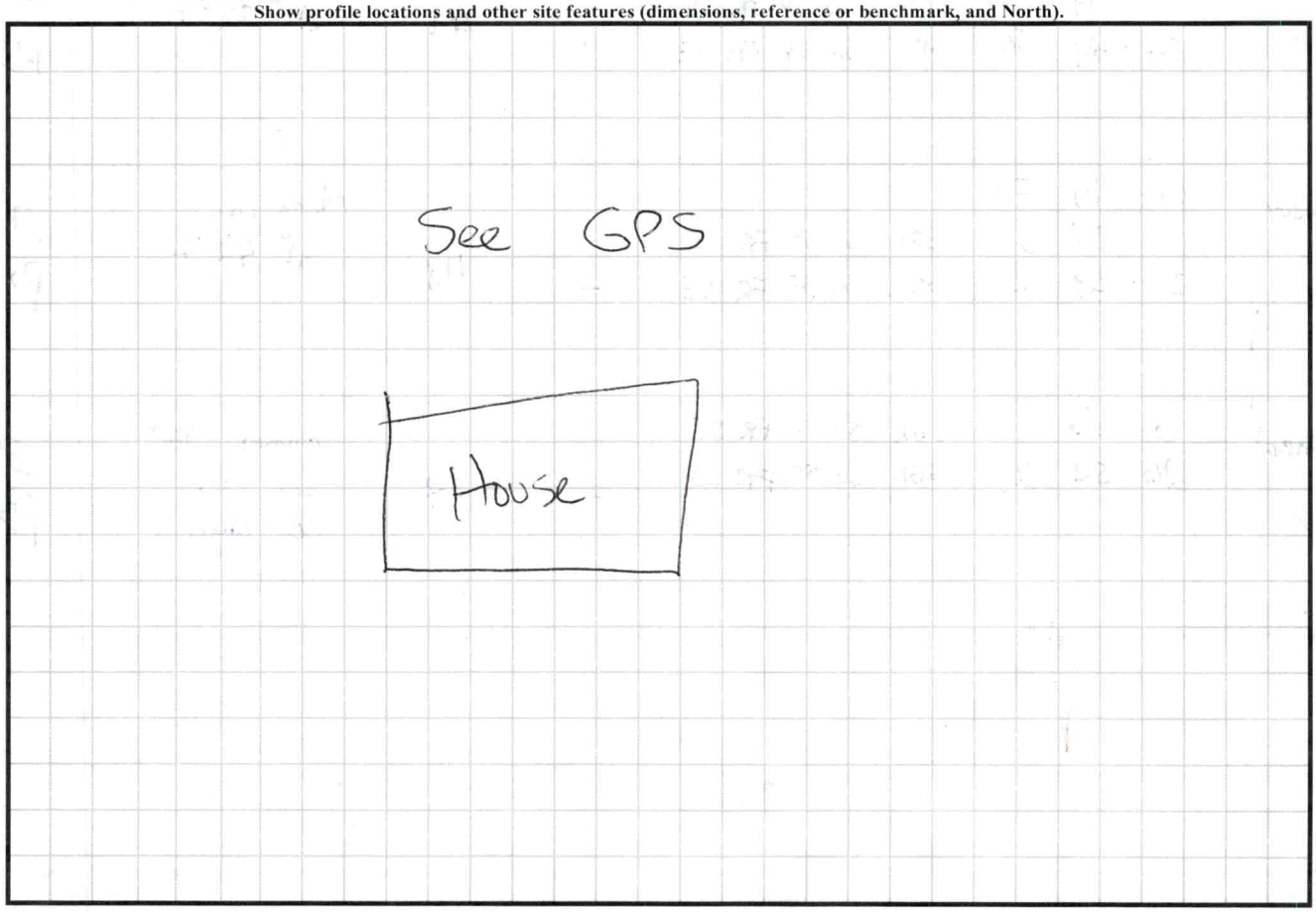
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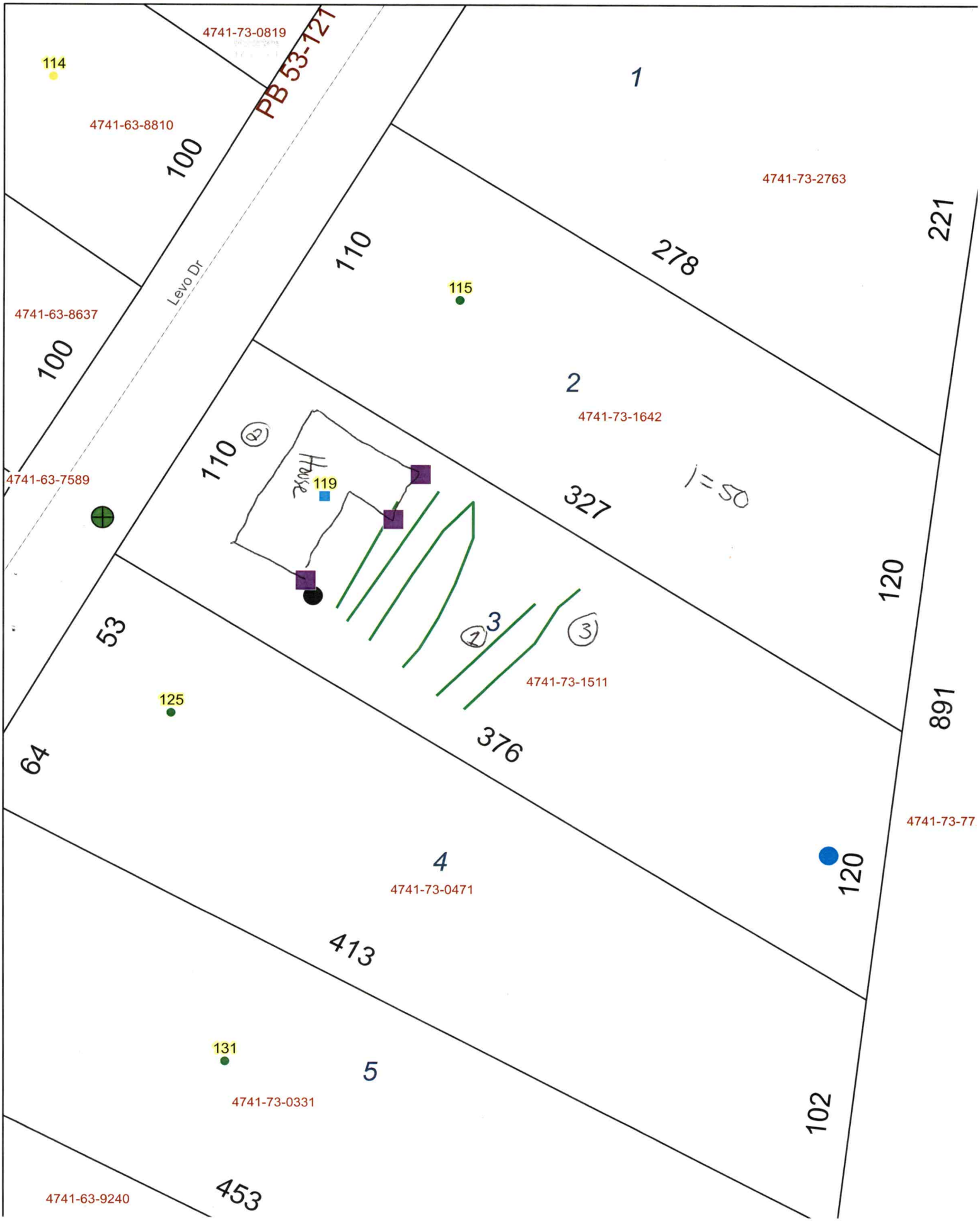
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




4741-73-0819
114
PB 53-121
1
4741-63-8810
100
4741-73-2763
221
110
278
Levo Dr
115
4741-63-8637
100
2
4741-73-1642
110
House
119
4741-63-7589
327
1"=50'
120
53
3
4741-73-1511
125
891
64
376
4741-73-77
4
4741-73-0471
120
413
131
5
4741-73-0331
102
453
4741-63-9240

PERMIT SNAPSHOT REPORT OSWP-2023-40400 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	11/01/2023
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:**	Whicker, Cory	**Approval Expire Date:**	

Description: extending bedroom and adding bath ADDING ON TO THE BACK OF THE HOUSE. DRAINAGE LINES WILL HAVE TO BE RELOCATED. PUMP SYSTEM IF ABLE TO PERMIT SHE IS AWARE THERE V BE AN ADDITIONAL BALANCE OF $ 700.00 DUE BEFORE PERMIT IS ISSUED. dc 11/02 11/7 Spok Bonnie, Surveyor needs to mark corners. GM 12/6 Site visit, site ready GM

Parcel: 4741731511.000 Main	**Address:** 119 Levo Dr Troutman, NC 28166 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Bonnie Moore	Bonnie Moore
Home: (704) 664-0454	119 Levo Drive
Business: (704) 660-4094	Troutman, NC 28166
Mobile: (704) 664-0454	Mobile: (704) 664-0454

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	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	See attached floor plan
What are the proposed structures	Other Addition/Structure	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	expanding footprint of house	Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Existing Well	Desired Septic System Type	No Preference
Lot Acreage	0	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Nov 3 2023 12:00AM
Zoning Permit Expiration Date	May 1 2024 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	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active
Awaiting Additional Documents	Amanda Horton	11/02/2023 13:06	OSWP-2023-40400	what are you adding to the back of the house?	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Bonnie_Moore_11/1/2023.jpg	11/01/2023 16:22	Moore, Bonnie		Uploaded via CSS
floor plans_v1.pdf	11/02/2023 8:52	COMEAUX, DEBRA	Available Online	Floor Plan(s)
iredell co env hlth_v1.pdf	11/02/2023 10:12	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
119 LEVO DR PERMIT FROM 1995_v1.pdf	11/02/2023 10:13	COMEAUX, DEBRA	Available Online	Additional Supporting Information
119 LEVO DR - PLOT PLAN_v1.pdf	11/02/2023 13:11	Horton, Amanda	Initial Site Sketch	Initial Site Sketch
119 LEVO DR SITE PLAN - PLOT PLAN_v1.pdf	11/02/2023 13:11	Horton, Amanda	Available Online	Site Plan
119 LEVO DR SITE PLAN_v1.pdf	11/02/2023 13:11	Horton, Amanda	Available Online	Site Plan

PERMIT SNAPSHOT REPORT (OSWP-2023-40400)

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-169935	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	12/06/2023	12/06/2023 0:00	12/06/2023 0:00	12/06/2023 14:47	12/06/2023 14:47

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. 11/7 Sent email. Bonnie responded to email. Stated they had a house fire. Waiting for surveyor to mark corners. GM	Grace McLeod	11/07/2023 15:09
2. 12/6 Site visit, Site ready GM	Grace McLeod	12/06/2023 14:41

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00022897	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00022897	$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		11/02/2023 9:45	11/02/2023 9:46
Confirm application complete v.1	Generic Action		11/02/2023 9:46
Fees v.1		11/03/2023 14:00	11/06/2023 8:18
Fees Paid v.1	Generic Action		11/06/2023 8:18
Issue Invoice v.1	Generic Action		11/02/2023 13:08
Zoning Review v.1		11/02/2023 13:08	11/06/2023 15:15
~~Floodplain Admin Overview v.1~~	Task		11/02/2023 13:08
Iredell County Zoning Approval v.1	Task	11/02/2023 13:08	11/06/2023 15:15
Issue Invoice v.1	Generic Action		11/02/2023 13:08
Fees Paid v.1	Generic Action		11/06/2023 8:18
Lot Readiness Verification v.1		12/06/2023 14:47	
OSWP Septic Preliminary Site Visit v.1	Inspection	12/06/2023 14:47	12/06/2023 14:47
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		