ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-21238

MW

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM / EXPANSION PIN # 4763 -- 62 -- 3189

APPLICANT/OWNER: Ashley Plyler APPLICANT ADDRESS: 166 Nabors Rd, Statesville 28677

SITE ADDRESS: 108 Arbor Dr, Statesville 28677 PHONE: 704-880-0496 ALT. PHONE

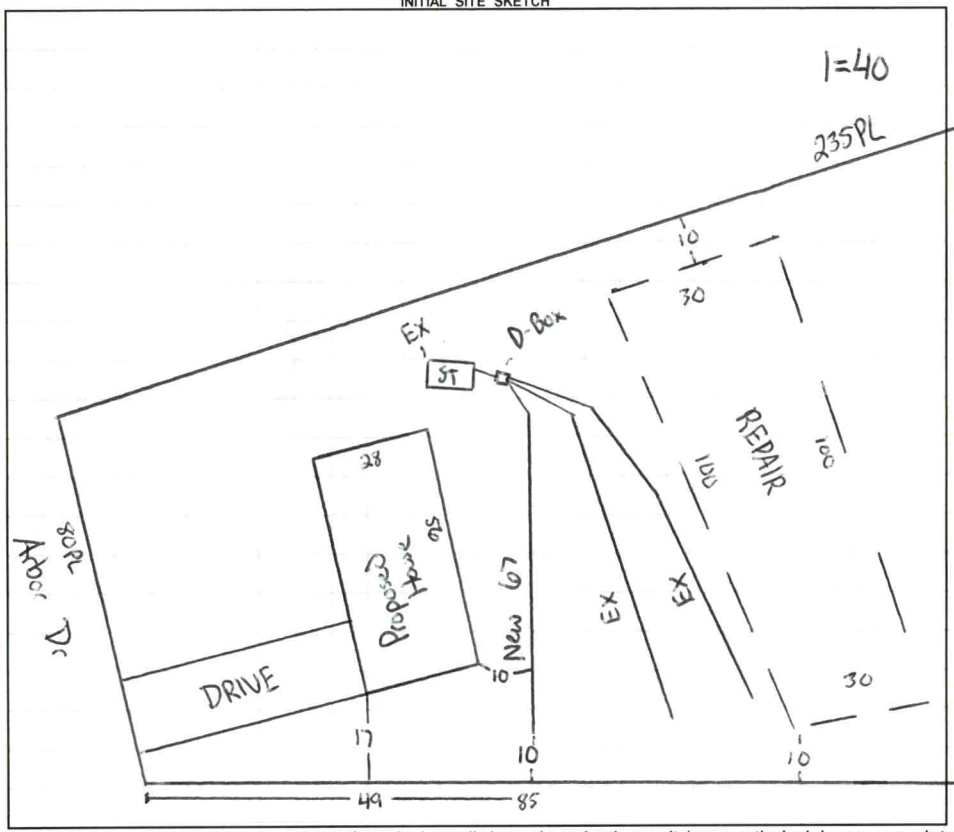
SITE DIRECTIONS: Hwy 70 - Bethesda - Treeline - Arbor SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Forest Acres SECTION: - LOT # 120 LOT AREA: DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	EX	(gal)	STB	Date	☐ New System ☐ Repair ☒ Expansion System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank		(gal)	PT	Date	System Description: UPPBPS	☐ Business	No. Persons	6	☐ Private
Pump Make		Model		Serial #	Repair System Description: LP - PPBPS	☐ Other	No. Employees		☒ Public
# Nitrification Fields	1	# Lines	EX + 1	Linear Ft	EX + 67' Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☒ Crawl Space		☐ Community
Trench Width	24 in	Trench Bottom Depth (~~Low side~~)	36" max	Gravel Depth	- ☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

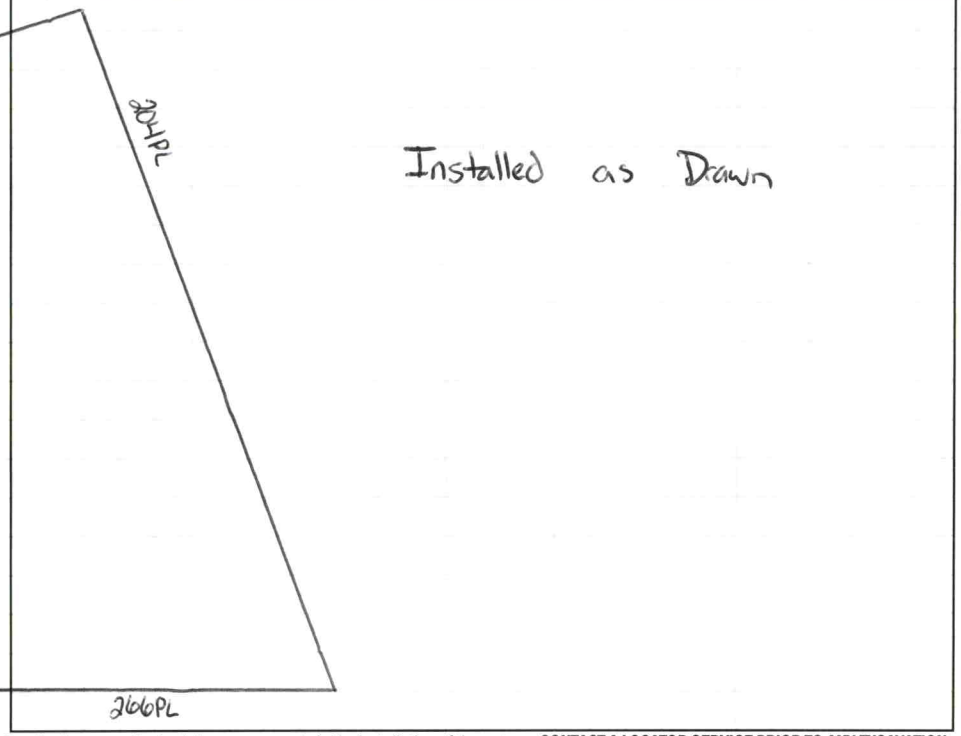
Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

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: Craig Thompson

IMPROVEMENT PERMIT by: Cay Hil Date: 5/17/23

OPERATION PERMIT by: Cay Hil Date: 6/16/23

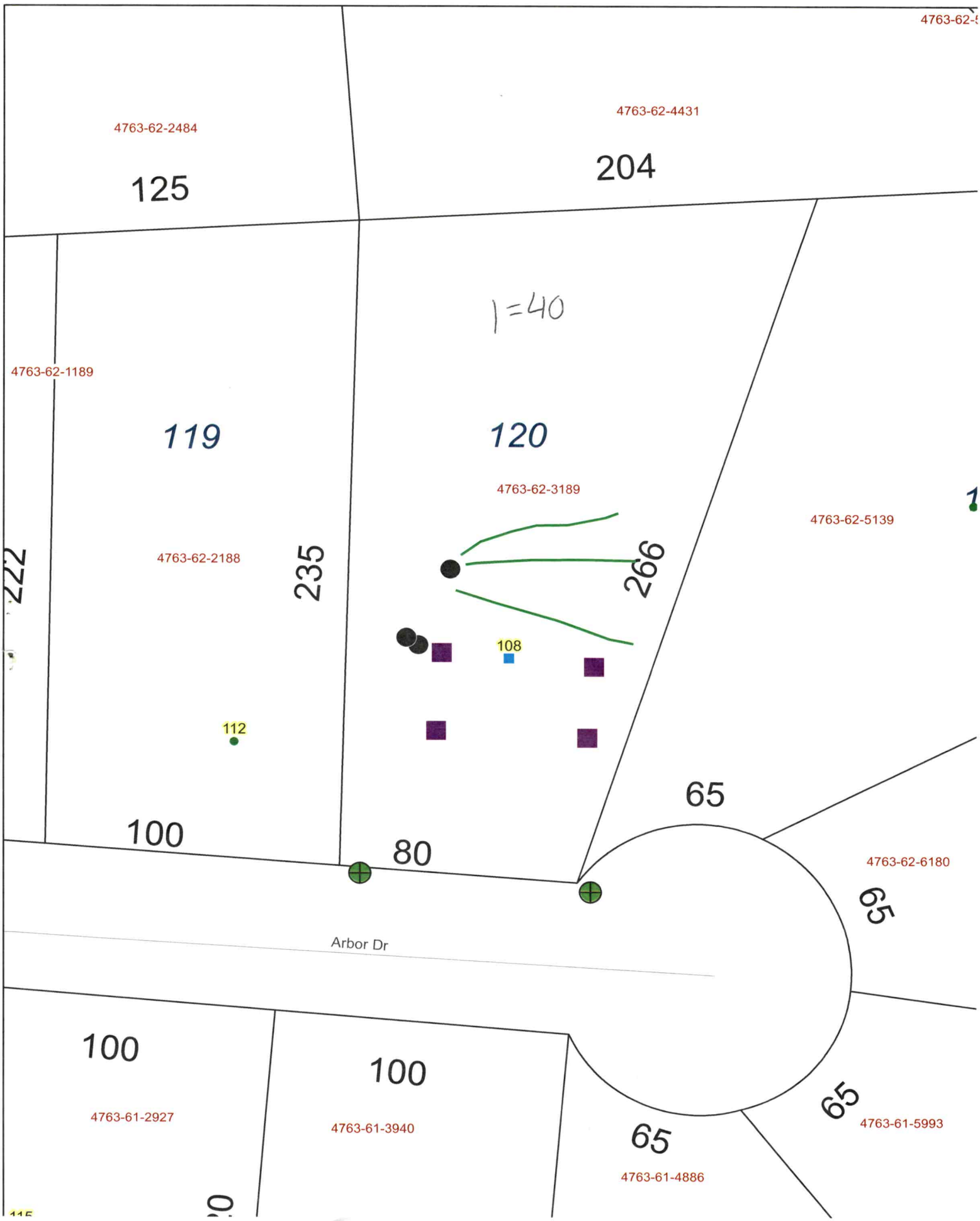
AUTHORIZATION TO CONSTRUCT by: Cay Hil Date: 5/18/23

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? _____	


4763-62-2484
125
4763-62-4431
204
1=40
4763-62-1189
119
120
4763-62-3189
4763-62-5139
4763-62-2188
222
235
266
108
112
100
80
65
4763-62-6180
65
Arbor Dr
100
4763-61-2927
100
4763-61-3940
65
4763-61-4886
65
4763-61-5993

Sheet 1 of 1
PROPERTY ID #: 476362318
COUNTY: Iredell

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

OWNER: Ashley Plyler
ADDRESS: 1166 Nabor Rd
APPLICATION DATE 4/5/23
DATE EVALUATED: 5/10/23
PROPOSED FACILITY: 3 bdr
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE:
LOCATION OF SITE: 108 Arbor
PROPERTY RECORDED: yes
WATER SUPPLY: Private X Public Well Spring Other
EVALUATION METHOD: Auger Boring X 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 10%	0 - 10	~~Fill~~		-	48	-	-	.3 PS
		10 - 36	C ~~ABK~~	SS SP FR SE					
		36 - 48	CL SBK	↓					
2	Linear 9%	0 - 10	SCL SBK	SS SP FR SE	-	52	SAP inc in CL layer		.3 PS
		10 - 21	C SBK	SS SP FR SE					
		21 - 52	CL SBK	↓					
3									
4									

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

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948):
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.

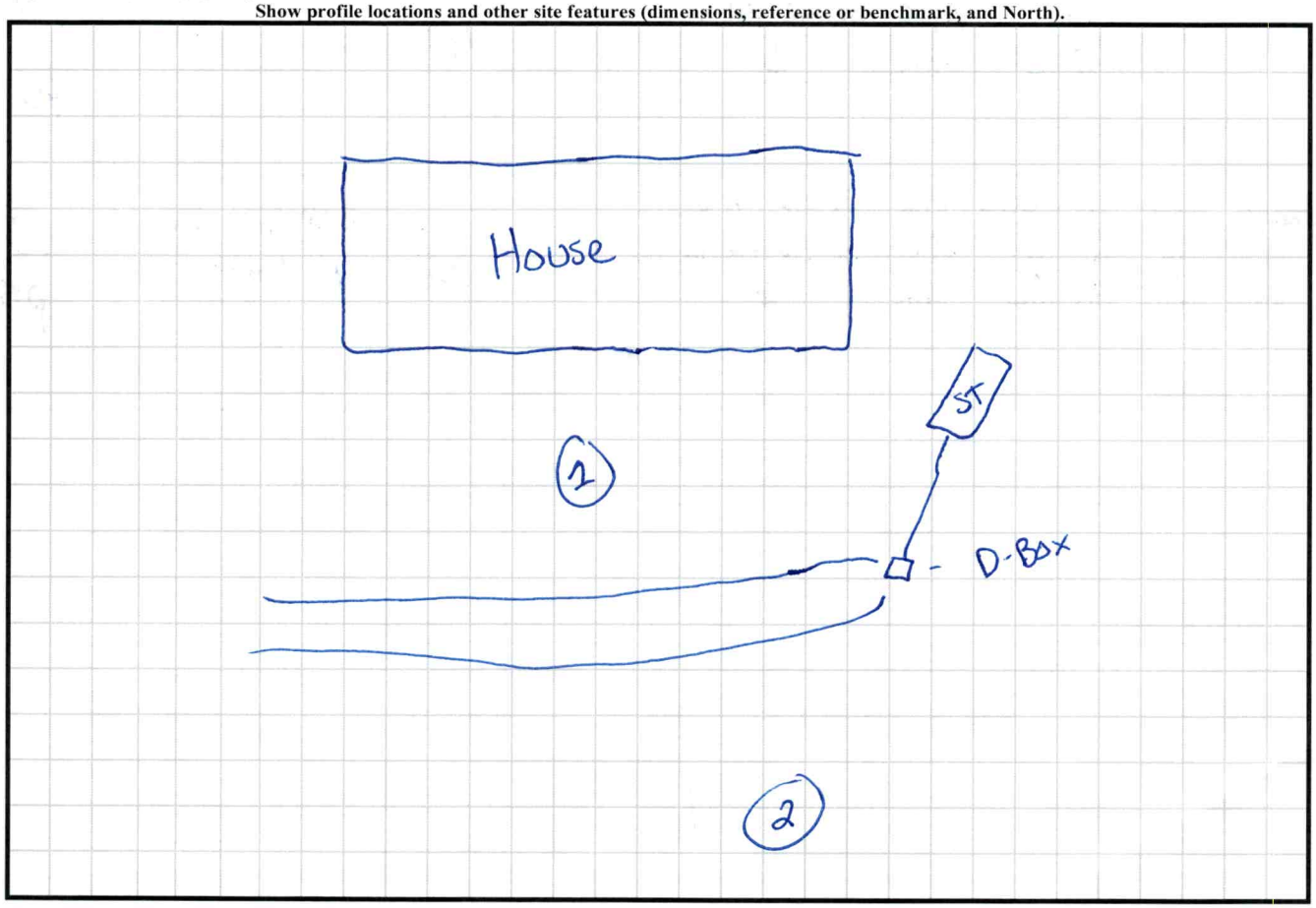
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-21238 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	04/05/2023
Work Class:	EH Septic Expansion Improvement 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: removed old 2bedroom 1bath single wide, and setting up new 3bedroom 2 bath double FOR IP /AC APPLYING

Parcel: 4763623189.000 Main	**Address:** 108 Arbor Dr Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Ashley Plyler	Ashley Plyler
166 Nabors Rd	166 Nabors Rd
Statesville, NC 28677	Statesville, NC 28677

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	28'x56' double wide	What are the proposed structures	Manufactured Home
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	4
Foundation Type	Crawl Space Foundation	Residential/Business/Other	Residential	Number of Employees	0
Total number of seats	0	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Additional Unique Setbacks Apply	No
Zoning Notes/Addendums	REQUIREMENTS FOR ALL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy		can be approved.	Watershed	NOT IN A WATERSHED

PERMIT SNAPSHOT REPORT (OSWP-2023-21238)

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Ashley_Plyler_4/5/2023.jpg	04/05/2023 12:55	Plyler, Ashley		Uploaded via CSS
Scan Apr 05, 2023 (1)_v1.pdf	04/05/2023 16:12	Nebel, Barbara	Available Online	Authorize to Act as Agent
OSWP-2023-21238 (108 ARBOR DR site plan.pdf	04/26/2023 14:28	Bailey, Julia		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-87301	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/01/2023			05/01/2023 13:51	05/01/2023 13:51

Inspectors: Bracken, Sarah (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. Emailed 4/27/23	Sydney Holland	04/27/2023 15:07
2. emailed to set up pits 5/3	Cory Whicker	05/04/2023 7:17

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00012966	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-00012966	$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		04/05/2023 16:12	04/05/2023 16:12
Confirm application complete v.1	Generic Action		04/05/2023 16:12
Fees v.1		04/27/2023 7:51	04/27/2023 7:51
Issue Invoice v.1	Generic Action		04/27/2023 7:51
Fees Paid v.1	Generic Action		04/27/2023 7:51
Zoning Review v.1		04/05/2023 16:12	04/26/2023 14:38
~~Floodplain Admin Overview v.1~~	Task		04/26/2023 14:38
Iredell County Zoning Approval v.1	Task	04/05/2023 16:12	04/26/2023 14:37
Issue Invoice v.1	Generic Action		04/26/2023 14:29
Fees Paid v.1	Generic Action		04/26/2023 14:37
Lot Readiness Verification v.1		05/01/2023 13:51	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/01/2023 13:51	05/01/2023 14:25
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		