STT BLDR 2024-45331 ✓

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-42534 ✓

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

PIN # 4768 -- 18 -- 8158 ✓

APPLICANT/OWNER: Jeffrey Jones APPLICANT ADDRESS: 131 Hope Ridge Ln, Statesville

SITE ADDRESS: 135 Church Lake Rd, Statesville 28625 PHONE: 704-902-2772 ALT. PHONE -

SITE DIRECTIONS: 21 N - Church Lake - Lot on (L) SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Sandra C Gatton ✓ SECTION: - LOT # 1 ✓ LOT AREA: 2.685 acres DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

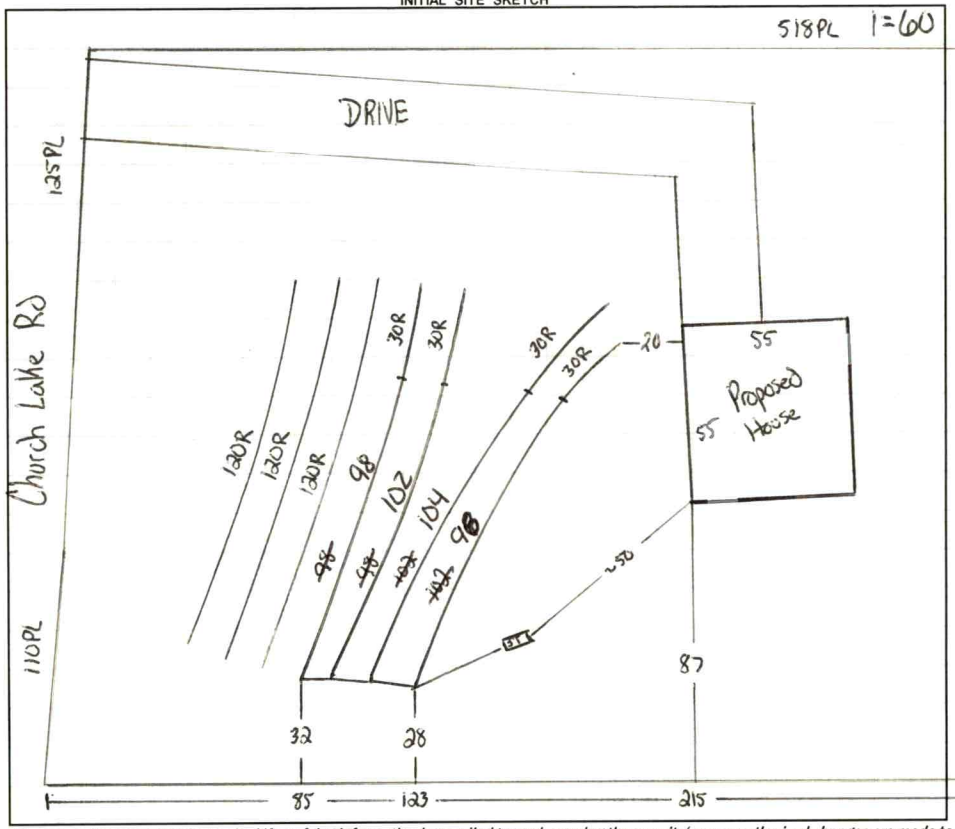
Septic Tank	1000 (gal)	STB	760	Date	5/12/24	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	(gal)	PT		Date		System Description:	25% reduction	☐ Business	No. Persons 8
Pump Make		Model		Serial #		Repair System Description:	25% reduction	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	400'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	30 in	Gravel Depth	-		☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

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

* Floorplans show 3 bedroom, must install 4 bedroom septic *

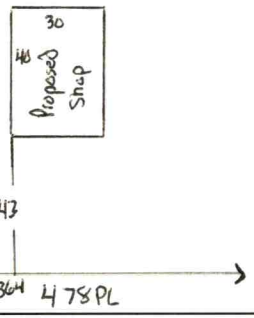
INITIAL SITE SKETCH



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.

Installed as drawn. See modified line lengths.



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 ✓

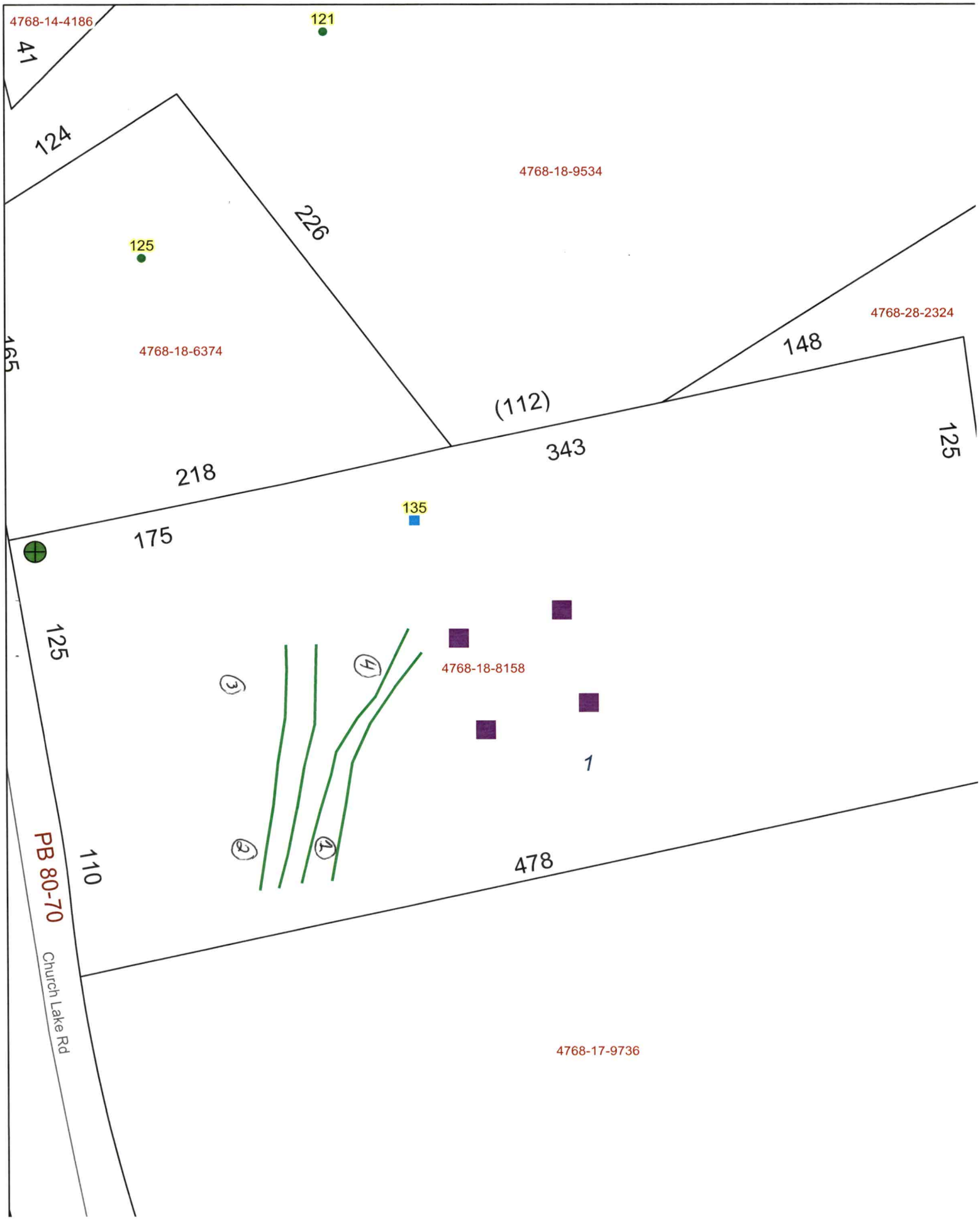
IMPROVEMENT PERMIT by: Tony White Date: 12/28/23 OPERATION PERMIT by: Sarah R Williams ✓ Date: 6/14/2024 ✓

AUTHORIZATION TO CONSTRUCT by: Tony White Date: 12/28/23 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? _____	


4768-14-4186
41
121
124
4768-18-9534
226
125
4768-18-6374
165
4768-28-2324
148
(112)
343
125
218
135
175
125
4768-18-8158
3
4
2
1
1
PB 80-70
110
478
Church Lake Rd
4768-17-9736

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

Sheet 1 of 1
PROPERTY ID #: 4768188158
COUNTY: Iredell

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

OWNER: Jeffrey Jones
APPLICATION DATE 12/5/23
ADDRESS: 131 Hoope Ridge Ln
DATE EVALUATED: 12/27/23
PROPOSED FACILITY: 4 bd/r home
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE:
LOCATION OF SITE: 135 Church Lake Rd, Statesville
PROPERTY RECORDED:
WATER SUPPLY: Private X Public 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) .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	Linear 7%	0 - 9	FILL		-	49	-	-	.3 PS
		9 - 29	C SBK	S P FR SE					
		29 - 49	CL SBK	SS SP FR SE					
2	Linear 8%	0 - 8	FILL		-	48	Litho in CL	inc in layer	.3 PS
		8 - 31	C SBK	S P FR SE					
		31 - 48	CL SBK	SS SP FR SE					
3	Linear 7%	0 - 22	C SBK	S P FR SE	-	50	Litho in CL	inc in layer	.3 PS
		22 - 50	CL SBK	SS SP FR SE					
4	Linear 7%	7	FILL		-	48	Litho in CL	inc in layer	.3 PS
		28	C SBK	S P FR SE					
		48	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Bradley Moore

COMMENTS: Raining

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.

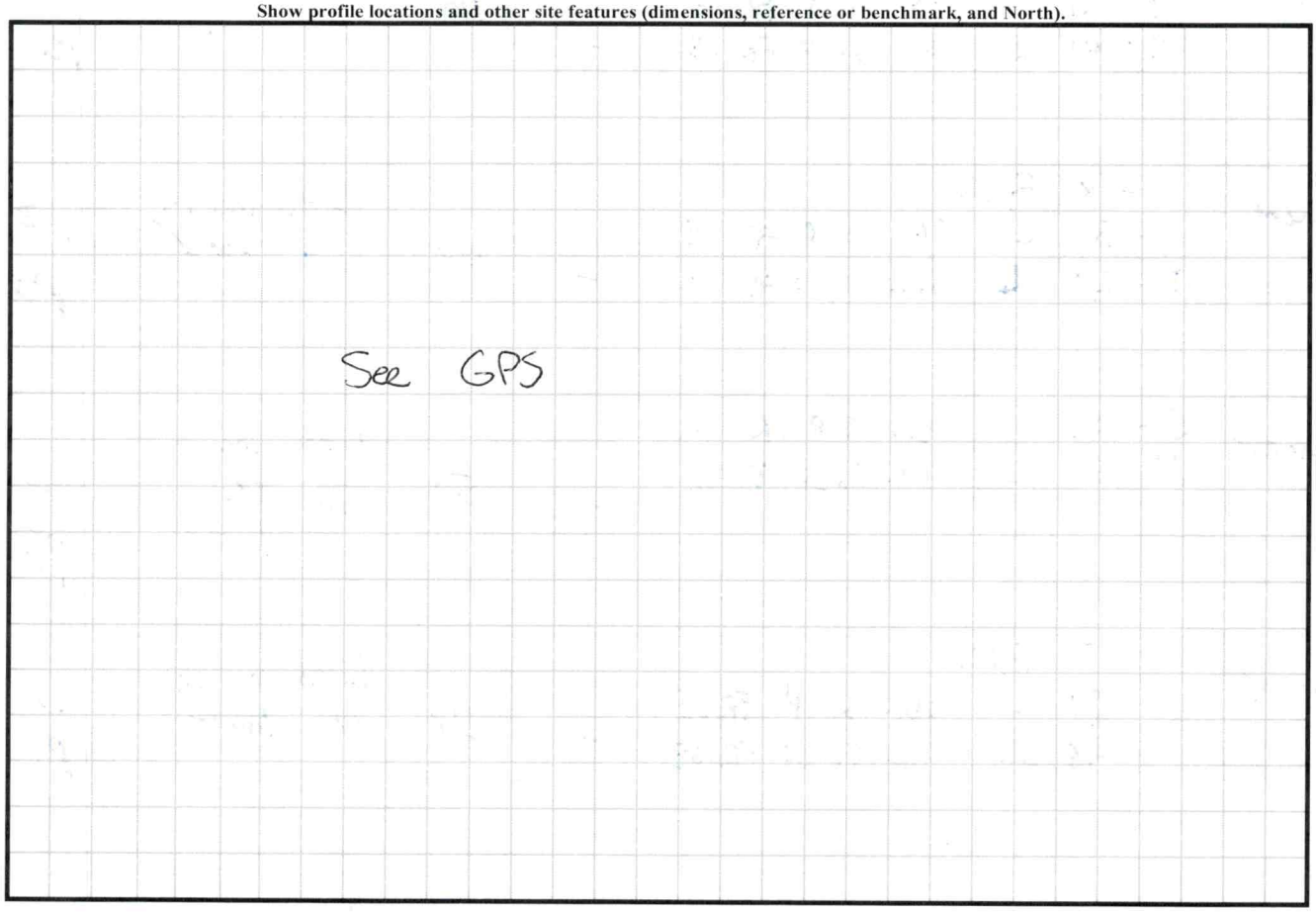
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-42534 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	12/05/2023
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: New Construction 12/9 Spoke to Jeffrey Jones. He will mark HB this weekend. I will call Monday and we will meet before lunch. GM 12/11 Need to locate pins on one side. GM 12/13 Jeff called stated site will be ready tomorrow afternoon. GM 12/18 SIte visit site ready GM

Parcel: 4768188158.000 Main	**Address:** 135 Church Lake Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Jeffrey F Jones
131 Houpe Ridge Ln
Statesville, NC 28625-1663
Business: (704) 902-2772
Mobile: (704) 902-2772

Property Owner
Ethan E Church
135 Church Lake Road
Statesville, NC 28625

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	house is 50' x 54' shop is 30' x 40'
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain	shop is being erected by homeowner	Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Number of Employees	0	Water Supply	Other Public Water
Desired Septic System Type	No Preference	Lot Acreage	2.685	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		

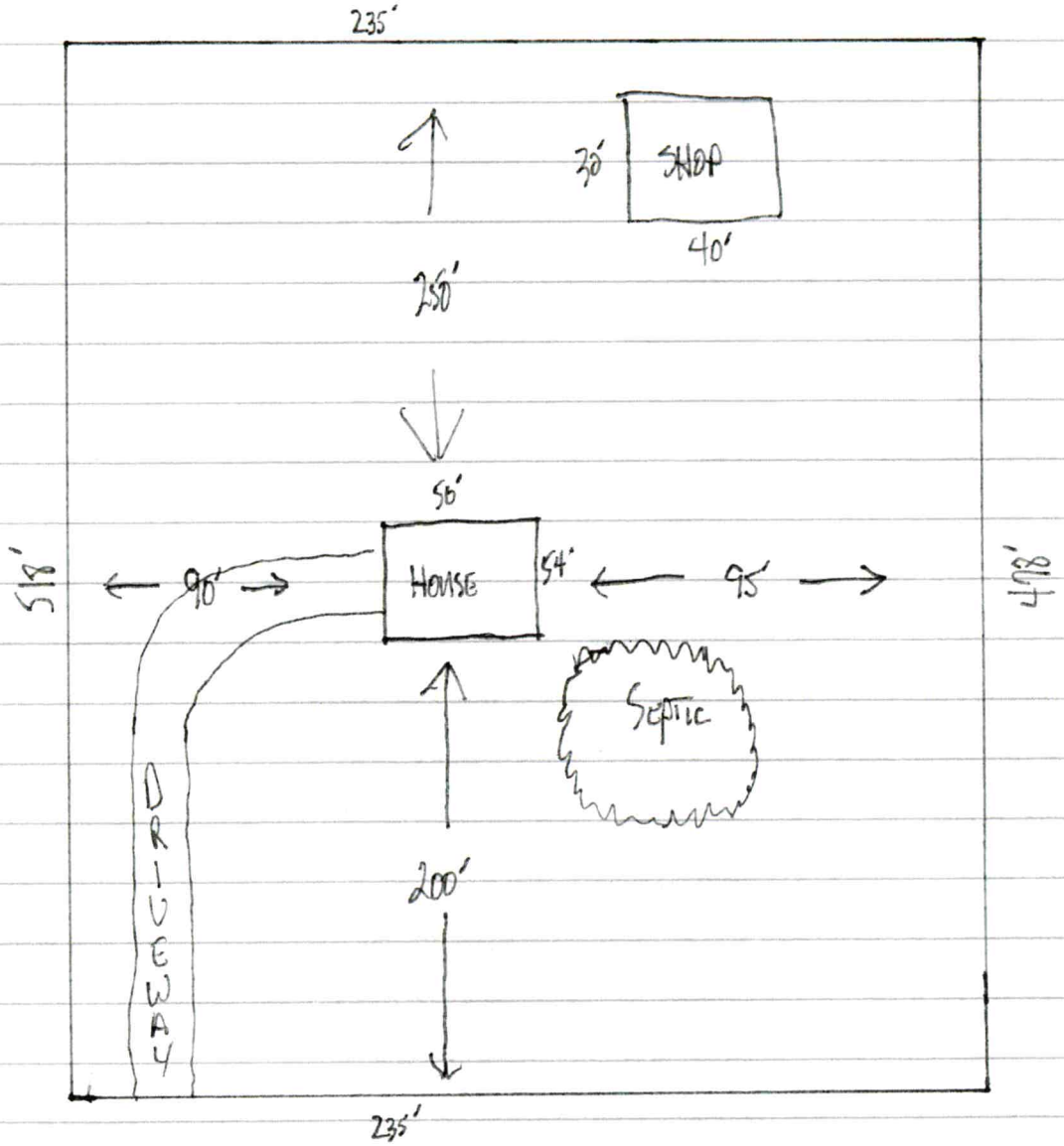
Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jeffrey_Jones_12/6/2023.jpg	12/05/2023 19:46	Jones, Jeffrey		Uploaded via CSS
IMG_4151_v1.pdf	12/06/2023 12:24	COMEAUX, DEBRA	Available Online	Floor Plan(s)
SCN_0008_v1.pdf	12/06/2023 12:24	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-173778	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	12/18/2023	12/18/2023 0:00	12/18/2023 0:00	12/18/2023 16:34	12/18/2023 16:34

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	

135 CHURCH LAKE RD.
SITE PLAN



CHURCH LAKE RD.