ICHD - ENVIRONMENTAL HEALTH DIVISION
SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

BB BLDR2024-54159

PERMIT # OSWP - 2024 - 47364

PIN # 4822 - 05 - 4457 ✓

APPLICANT/OWNER: KIRK BANDY

APPLICANT ADDRESS: 105 VICTORIA DRIVE, STATESVILLE, N.C. 28625

SITE ADDRESS: 153 COOLBROOK ROAD, UNION GROVE, N.C. 28689 ✓

PHONE: 704-902-1415

ALT. PHONE 704-402-6833

SITE DIRECTIONS: (N) ON 115, (L) ON COOLBROOK, LOT ON (L)

SAP CONTROLLED: ☑ YES ☐ NO

SUBDIVISION: ✓ LEE WILLIAMS + SARAH W. HARRIS SECTION: - LOT # - ✓ LOT AREA: 28.7 AC DESIGN FLOW: 360 GPD L.T.A.R.(Initial): 0.25 L.T.A.R (Repair): 0.25

Septic Tank	1000	(gal)	STB	760	Date	9/3/2024	Pump Tank	-	(gal)	PT	-
Date	-	Pump Make	-	Model	-	Serial #	-	# Nitrification Fields	1	# Lines	5
Linear Ft	240 FT	Trench Width	36 IN	*Max. Trench Depth(Initial)	56 IN	*Max. Trench Depth(Repair)	56 IN	Gravel Depth	-		

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

System Description: 50% REDUCTION - HPPBPS - DEEP INSTALL

Repair System Description: 50% REDUCTION - HPPBPS - DEEP INSTALL

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

Usable Depth to LC (Initial): 72"

Usable Depth to LC (Repair): 72"

☑ Residence ☐ Business ☐ Other ☐ Slab ☑ Crawl Space ☐ Basement w/plumbing

No. Bedrooms 3 No. Persons 6 No. Employees -

☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

* Measured on the downhill side of the trench

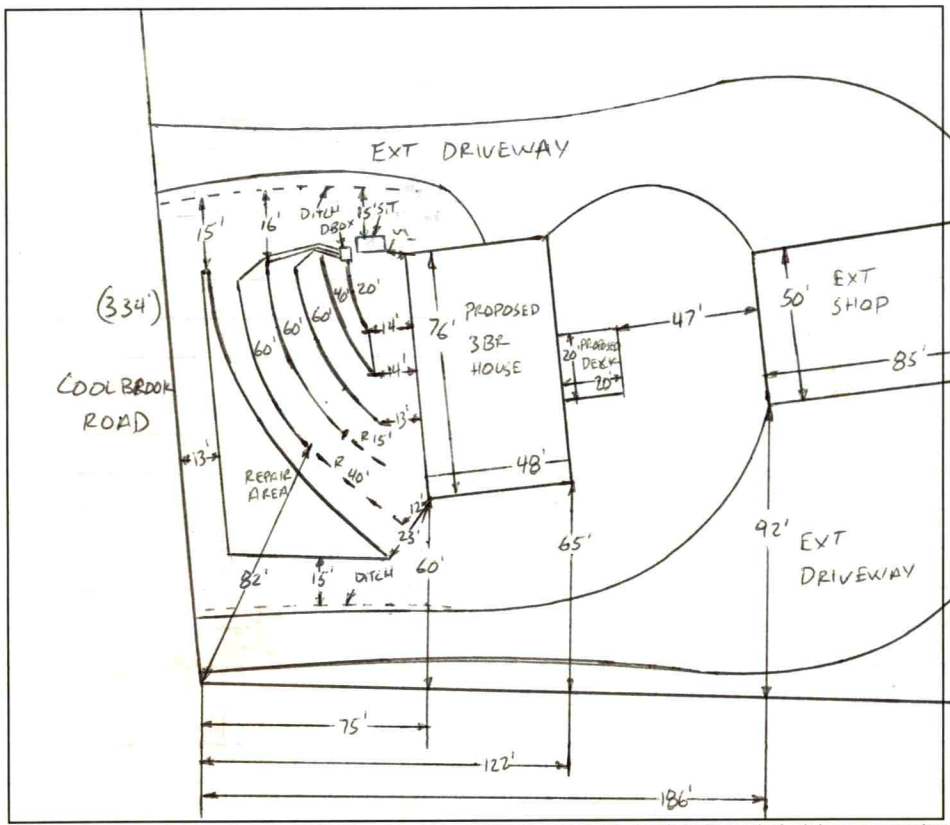
Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Limiting Condition

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, UTILIZE A COMBINATION OF SERIAL (PER T+J PANELS INSTALLATION MANUAL) AND EQUAL DISTRIBUTION VIA D-BOX AS SHOWN, DO NOT EXCEED A 60 IN MAX TRENCH DEPTH (HIGH SIDE)

DO NOT SHALLOW UP, VENT SYSTEM PER T+J INSTALLATION MANUAL, PRE-CONSTRUCTION MEETING RECOMMENDED (CALL 704-902-0273)

INITIAL SITE SKETCH

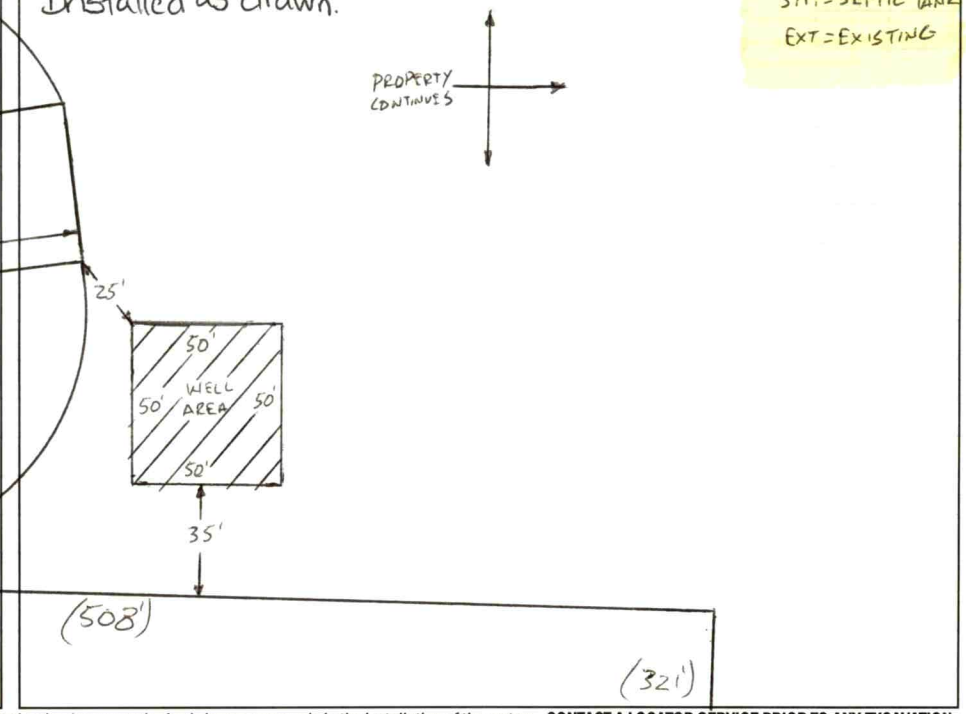


AS BUILT SKETCH

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.

PRE-CON SW 10/14/24
Installed as drawn.

1 IN = 60 FT
S.T. = SEPTIC TANK
EXT = EXISTING



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: KIRK BANDY

IMPROVEMENT PERMIT by: Buford C. White ✓ Date: 4-2-2024 OPERATION PERMIT by: Sarah Williams ✓ Date: 10/18/24

AUTHORIZATION TO CONSTRUCT by: Buford C. White ✓ Date: 4-2-2024 Existing System Inspected by: Date:

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? _____	

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

Sheet 1 of 1

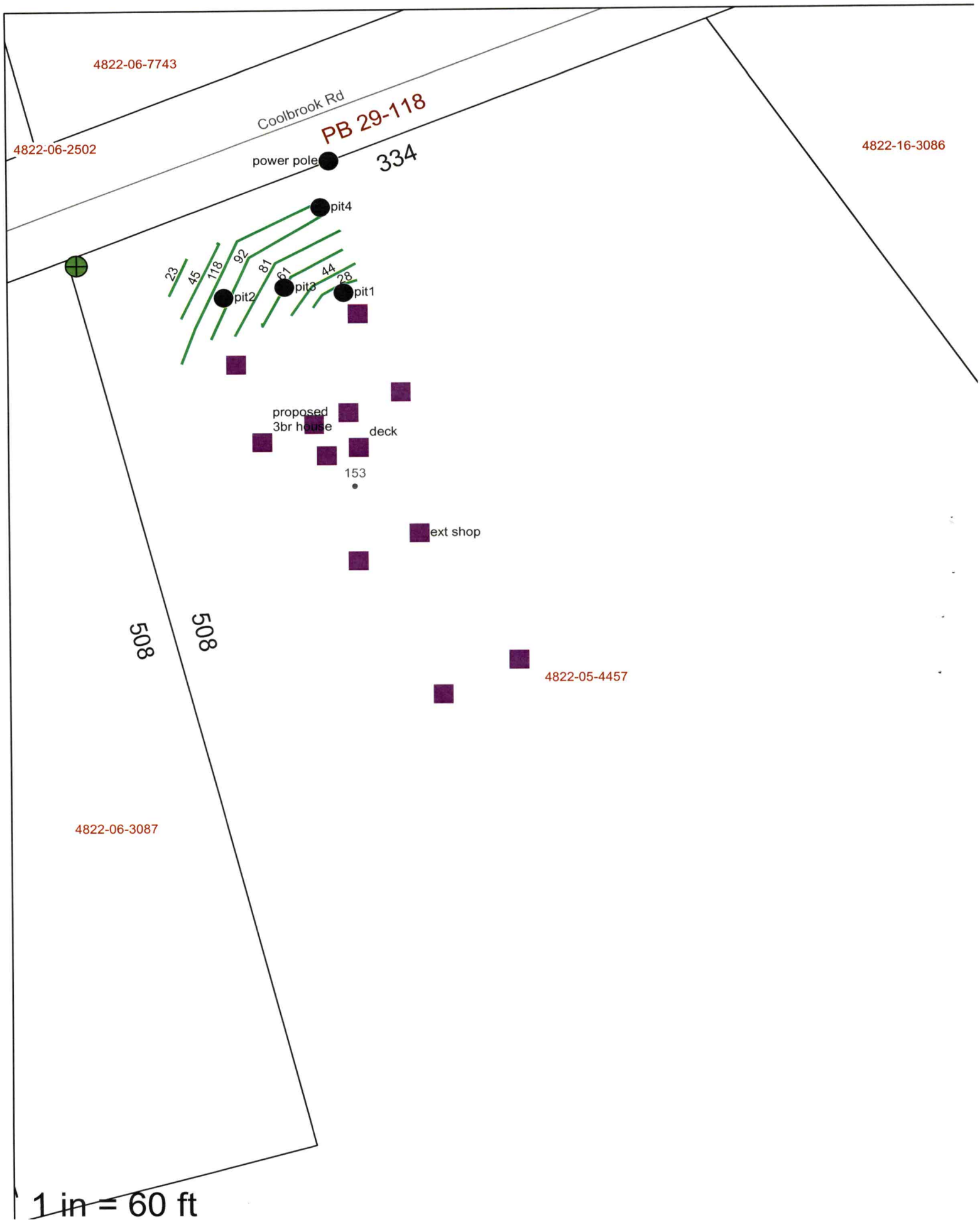
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4822-05-4457
DATE OF EVALUATION: 3-11-2024
COUNTY: IREDELL

153 COOLBROOK ROAD, UNION GROVE, N.C. 28689

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 SIDE 7%	0-7	FILL MIXED	COMPACTED	SAP INC THRU OUT MICA COMMON	68"	PS II SL	NA	PS .3 76" of USABLE
		7-36	L, ABK	FI, S, P, SEXP					
		36-68	CL, WABK	FI, SS, SP, SEXP					
		68-84	SAP, MAS	VFR, NS, NP, SEXP					
2	LINEAR SIDE FOOT 5%	0-6	FILL MIXED	COMPACTED	2.5Y6/2 @18", 30", 40" FEW SAP INC 62"+	84"+	NA	NA	PS .25 BELOW 43"
		6-60	SL, ABK	FI, VS, P, SEXP					
		60-84	CL, WABK	FI, SS, SP, SEXP					
3	LINEAR SIDE 8%	0-8	FILL MIXED	COMPACTED	2.5Y6/2 @8", 15", 24", 36"	77"	NA	NA	PS .25 BELOW 36"
		8-44	SC, ABK	FI, VS, P, SEXP					
		44-77	CL, WABK	FI, SS, SP, SEXP					
4	LINEAR SIDE 10%	0-6	FILL MIXED	COMPACTED	SAP INC 24"+ FEW FI SAP 54"+	54"	PS II SL	NA	PS .3 72" of USABLE
		6-24	L, ABK	FR, S, P, SEXP					
		24-54	CL, WABK	FI, SS, SP, SEXP					
		54-90	SAP, MAS	VFR, NS, NP, SEXP					

COMMENTS:


4822-06-7743
Coolbrook Rd
PB 29-118
4822-06-2502
power pole
334
4822-16-3086
pit4
23
45
118
92
81
61
44
28
pit2
pit3
pit1
proposed
3br house
deck
153
ext shop
508
508
4822-05-4457
4822-06-3087
1 in = 60 ft

PERMIT SNAPSHOT REPORT OSWP-2024-47364 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	02/19/2024
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:**	White, Bryant	**Approval Expire Date:**	
Description:	New construction Septic Permit needed (WELL APP ON OSWP-2024-47363)				

Parcel: 4822054457.000 Main	**Address:** 153 Coolbrook Rd Main Union Grove, NC 28689	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Bandy Kirk	Bandy Kirk	Joni Bandy
105 Victoria Drive	105 Victoria Drive	105 Victoria Drive
Statesville, NC 28625	Statesville, NC 28625	Statesville, NC 28625
Business: (704) 902-1415	Business: (704) 902-1415	Mobile: (704) 402-6833

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	40x70 home with a 16x16 patio on the back
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	We have a shop behind where the house will be	Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Lot Acreage	28.776	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Feb 20 2024 12:00AM
Zoning Permit Expiration Date	Aug 18 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

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Joni_Bandy_2/20/2024.jpg	02/19/2024 19:37	Bandy, Joni		Uploaded via CSS
Auth_v1.jpg	02/20/2024 7:38	Bandy, Joni	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-192521	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/26/2024	02/23/2024 0:00	02/23/2024 0:00	02/26/2024 8:18	02/26/2024 8:18

Inspectors: Moore, Bradley (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00027066	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00


SHOP
DRIVEWAY
1150'
HOUSE
S
330'
80'
SEPTIC AREA
95'
COOL BROOK RD