BIDR- 2025- 79000

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT : OSWP 2024-64058

PIN # 3782 -84 -6185

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

APPLICANT/OWNER: James Carlon APPLICANT ADDRESS: 187 Longleaf Dr Mooresville, NC 28117

SITE ADDRESS: 116 Starboard Ln Statesville, NC 28677 PHONE: (631) 746-1707 ALT. PHONE –

SITE DIRECTIONS: Shiron School, US-70, Bluewater, Starboard SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: River Oaks Landing SECTION: P1 LOT # 120 LOT AREA: .624 DESIGN FLOW: 360 L.T.A.R.(Initial): .275 L.T.A.R (Repair): .275

Septic Tank 1000 (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 4 Linear Ft 328.54

Trench Width 36 in *Max. Trench Depth(Initial) 28 in *Max. Trench Depth(Repair) 24 in Gravel Depth –

* Measured on the downhill side of the trench

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

System Description: 25% Reduction - Serial

Repair System Description: 50% Reduction - Vertical

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

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

Usable Depth to LC (Initial): 48in

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Usable Depth to LC (Repair): 48in *Limiting Condition*

Water Supply

☐ Private

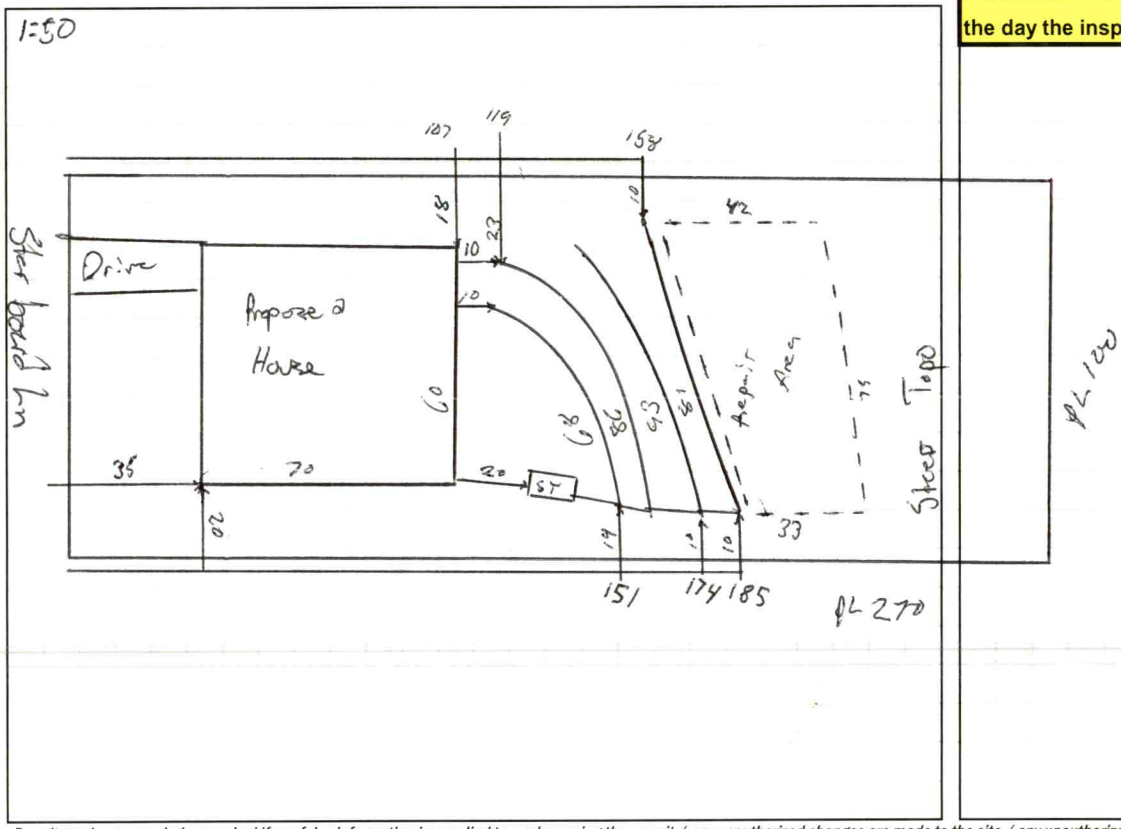
☒ Public

☐ Community

Comments / Conditions: Install on contour with 9ft center. Do not drive, park or construct on septic area. Pre-construction meeting required before install. Call 704-902-4489

INITIAL SITE SKETCH

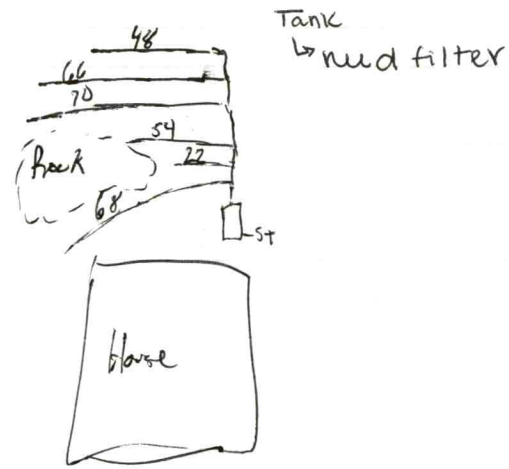
1:50



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: Chris Frye

IMPROVEMENT PERMIT by: Matt Wilkie Date: 11/12/24 OPERATION PERMIT by: Matt Wilkie Date: 11/25/25

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 11/12/24 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? _____	

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

PROPERTY ID #: 3782264135
COUNTY: Iredell

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

OWNER: James Cotton DATE EVALUATED: 11/8/24
ADDRESS: 167 Long Leaf Dr Mooresville
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): PROPERTY SIZE: .624c
LOCATION OF SITE: 116 Starboard Ln Lot 100 PROPERTY RECORDED: Yes
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 10 ft
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 8%	0-7	Disturbed		10YR 7/3	60	Sap including in CL	-	S .875	
		7-42	C/SBK	SS SP FR SE	14-25					
		42-60	CL/SBK	SS SP FR SE						
2	LS 10%	0-7	Organic		YB along root channel	58	Sap including in CL	-	S .275	
		7-30	C/SBK	SS SP FR SE						
		30-58	CL/SBK	SS SP FR SE						
3	SH 6%	0-10	Disturbed	SS SP FR SE	BP	36	Heavy SAP w/ Little Some rock	-	S .3	
		10-36	C/SBK	SS SP FR SE						
		36-60	SAP/PM	SS SP FR S						
4	Ridge 7%	0-10	C SBK	SS SP FR SE	U	56	Rock Threshold Profile	-	S .275 TB 30%	
		10-58	CL/SBK	SS SP FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	360	360
System Type(s)	23%	80%
Site LTAR	.273	.275
Maximum Trench Depth	42	

SITE CLASSIFICATION (.0509): 3
EVALUATED BY: Matthew
OTHER(S) PRESENT:

Comments:

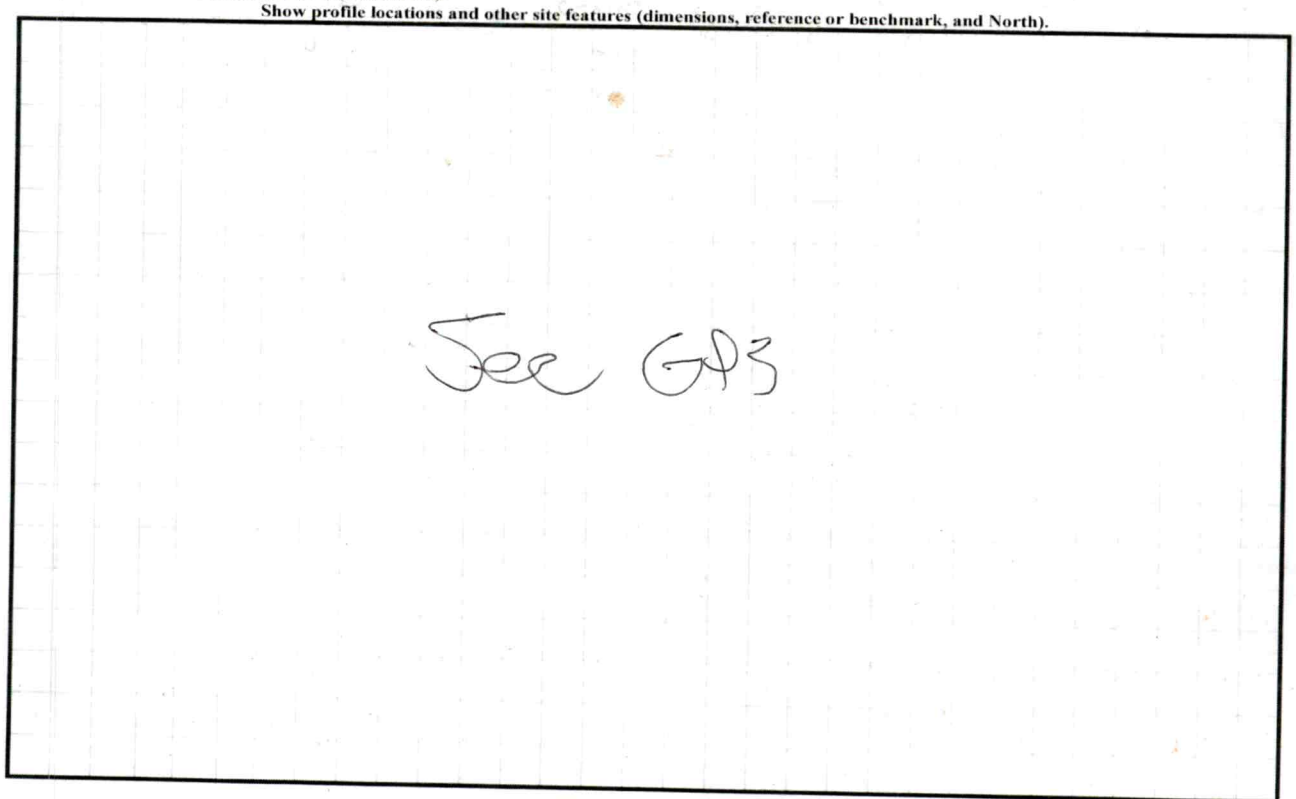
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

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



PERMIT SNAPSHOT REPORT OSWP-2024-64058 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/23/2024
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:**	Wilkinson, Matthew	**Approval Expire Date:**	
Description:	single family dwelling				

Parcel:	3782846185.000	Main	**Address:** 116 Starboard Ln Statesville, NC 28677	Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
James Conlon	HUNTLEY BUILDERS INC
187 Longleaf Dr	423 BURNING TREE CIRCLE
Mooresville, NC 28117	HIGH POINT, NC 27265
Mobile: (631) 748-1707	Business: (336) 887-0506

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	69x60
What are the proposed structures	New Single-Family Residence - Stick Built	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	6	Foundation Type	Crawl Space Foundation	Water Supply	Other Public Water
Desired Septic System Type	Conventional (most common)	If other septic system type, please explain		Pump Make	
# of Nitrification Fields		Model		Serial #	
System Description		Repair System Description		Comments/Conditions	
Has this project been approved by TRC	No	Lot Acreage	0.62	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Oct 25 2024 12:00AM	Zoning Permit Expiration Date	Apr 23 2025 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	WSIV CA CATAWBA/LAKE NORMAN				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_James_Conlon_10/23/2024.jpg	10/23/2024 14:18	Conlon, James		Uploaded via CSS
116 starboard owner authorization_v1.pdf	10/23/2024 14:48	Conlon, James	Available Online	
116 starboard site plan_v1.pdf	10/24/2024 7:59	Conlon, James	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-261105	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/31/2024	11/01/2024 0:00	11/01/2024 0:00	11/01/2024 8:00	11/01/2024 8:00

Inspectors: COMEAUX, DEBRA (Primary)

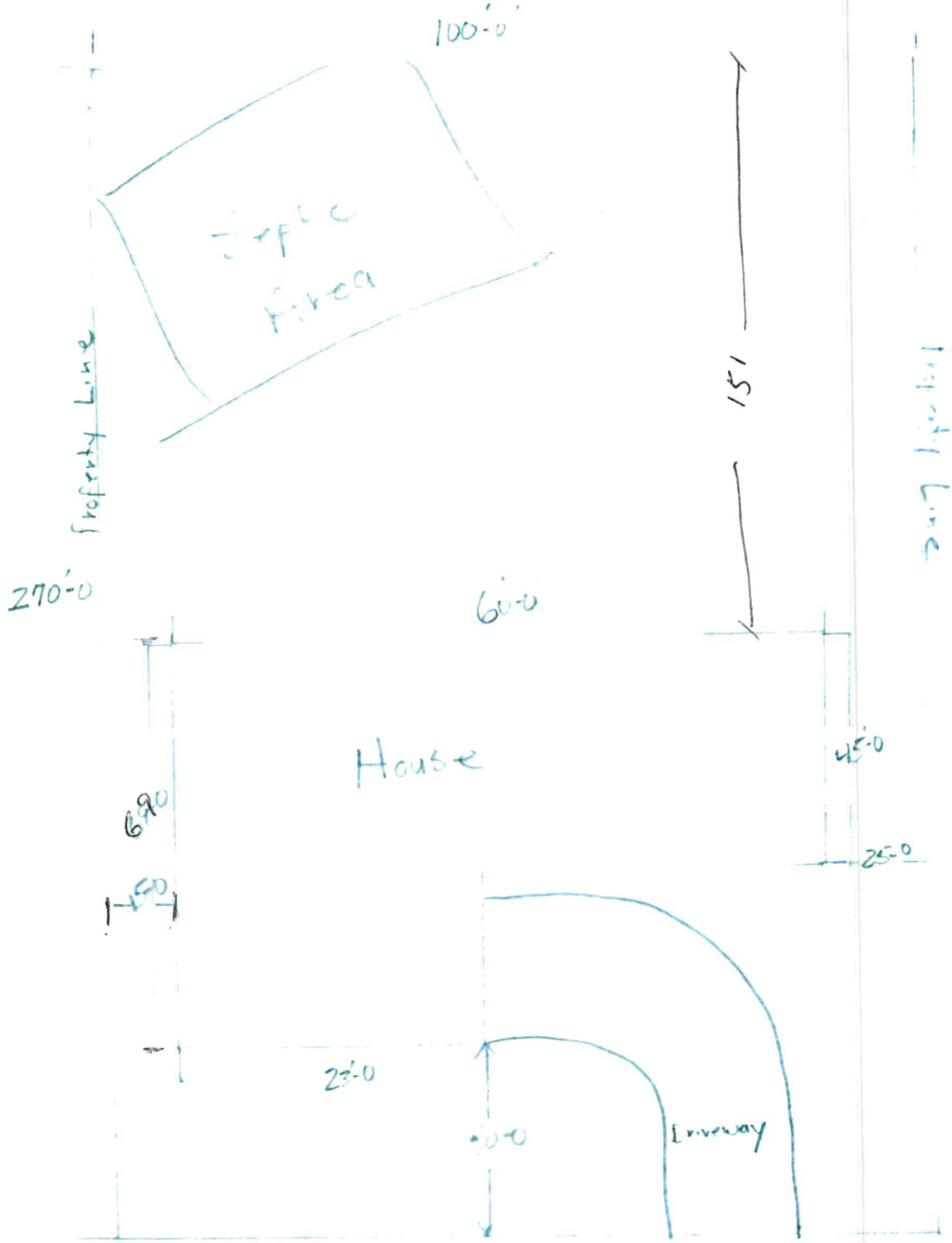
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general	No	

PERMIT SNAPSHOT REPORT (OSWP-2024-64058)

comments, not specific to any other checklist item

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00037360	New Gravity System		$500.00	$500.00
	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00037360	$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		10/23/2024 14:48	10/23/2024 14:49
Confirm application complete v.1	Generic Action		10/23/2024 14:49
Zoning Review v.1		10/24/2024 8:03	10/31/2024 8:38
~~Floodplain Admin Overview v.1~~	Task		10/24/2024 8:03
Iredell County Zoning Approval v.1	Task	10/24/2024 8:03	10/24/2024 8:04
Issue Invoice v.1	Generic Action		10/24/2024 8:04
Fees Paid v.1	Generic Action		10/31/2024 8:38
Fees v.1		10/24/2024 8:05	10/31/2024 8:38
Issue Invoice v.1	Generic Action		10/24/2024 8:05
Fees Paid v.1	Generic Action		10/31/2024 8:38
Lot Readiness Verification v.1		10/31/2024 13:17	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/31/2024 13:17	10/31/2024 13:17
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		



116 Starboard Ln. Statesville, NC
lot 100