BCW

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT : OSWP 2025-85318

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

PIN # 4736-49-7790

APPLICANT/OWNER: South River Baptist Church APPLICANT ADDRESS: 2659 S. Chipley Ford Rd Statesville NC 28625

SITE ADDRESS: 2649 S. Chipley Ford Rd Statesville NC 28625 PHONE: 7048761520 ALT. PHONE

SITE DIRECTIONS: N 115 → (R) S Chipley → lot on (L) SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 39.25 DESIGN FLOW: 2000GPD L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

Septic Tank 1000 (gal) STB 760 Date —
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 2 Linear Ft 168'
Trench Width 36" *Max. Trench Depth(Initial) 32" *Max. Trench Depth(Repair) 32" Gravel Depth —
* Measured on the downhill side of the trench Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

☒ New System ☐ Repair ☐ Expansion System Type: I (II) III IV V VI
System Description: Gravity 25% Reduction
Repair System Description: 25% Reduction
Maintenance Agreement Required: ☒ YES ☐ NO
☒ GRAVITY ☐ PRESSURE
Usable Depth to LC (Initial): 48"

☐ Residence No. Bedrooms —
☐ Business No. Persons —
☒ Other No. Employees 10
☒ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing
Usable Depth to LC (Repair): 48" *Limiting Condition*

Water Supply
☐ Private
☒ Public
☐ Community

Comments / Conditions: The purpose of re-permitting is to show changes made to the drainfield add to showness relocated repair area compromised during install.

See previous permit # OSWP 2025-70305 for additional details.

INITIAL SITE SKETCH

See attached site plan by ICHD.

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.

LINES SW 10/21/25
TANK SW 10/22/25
D BOX
CULVERT DIVERTED
Engineer plan & Certification received 11/13/2025 BB.

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: ONUNE Date: — Installed by: Cody Elder

IMPROVEMENT PERMIT by: Sarah Williams Date: 10/27/2025 OPERATION PERMIT by: Benjamin A Bell Date: 11/13/2025

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bell Date: 11/13/2025 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? _____	

PIEDMONT DESIGN ASSOCIATES, P.A.
125 East Plaza Drive | Suite #101
Mooresville, NC 28115
Phone: 704-664-7888
Email: dmunday@pdapa.com

Engineering
Surveying
Planning

November 5, 2025

Iredell County Health Department
610 East Center Avenue
Mooresville, NC 28115
Attn: Sarah Williams, REHS

RE: South River Baptist Church Missions Building
Subsurface Effluent Disposal System
2659 South Chipley Ford Road, Statesville, Iredell County, North Carolina

Dear Ms. Williams:

ENGINEERS CERTIFICATION

I, **Donald L. Munday**, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe periodically the construction of the referenced project, a Gravity Feed Subsurface Effluent Disposal System serving the South River Baptist Church Missions Building; 2659 South Chipley Ford Road, in Iredell County, NC, hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the approved plans and specifications.

Sincerely,

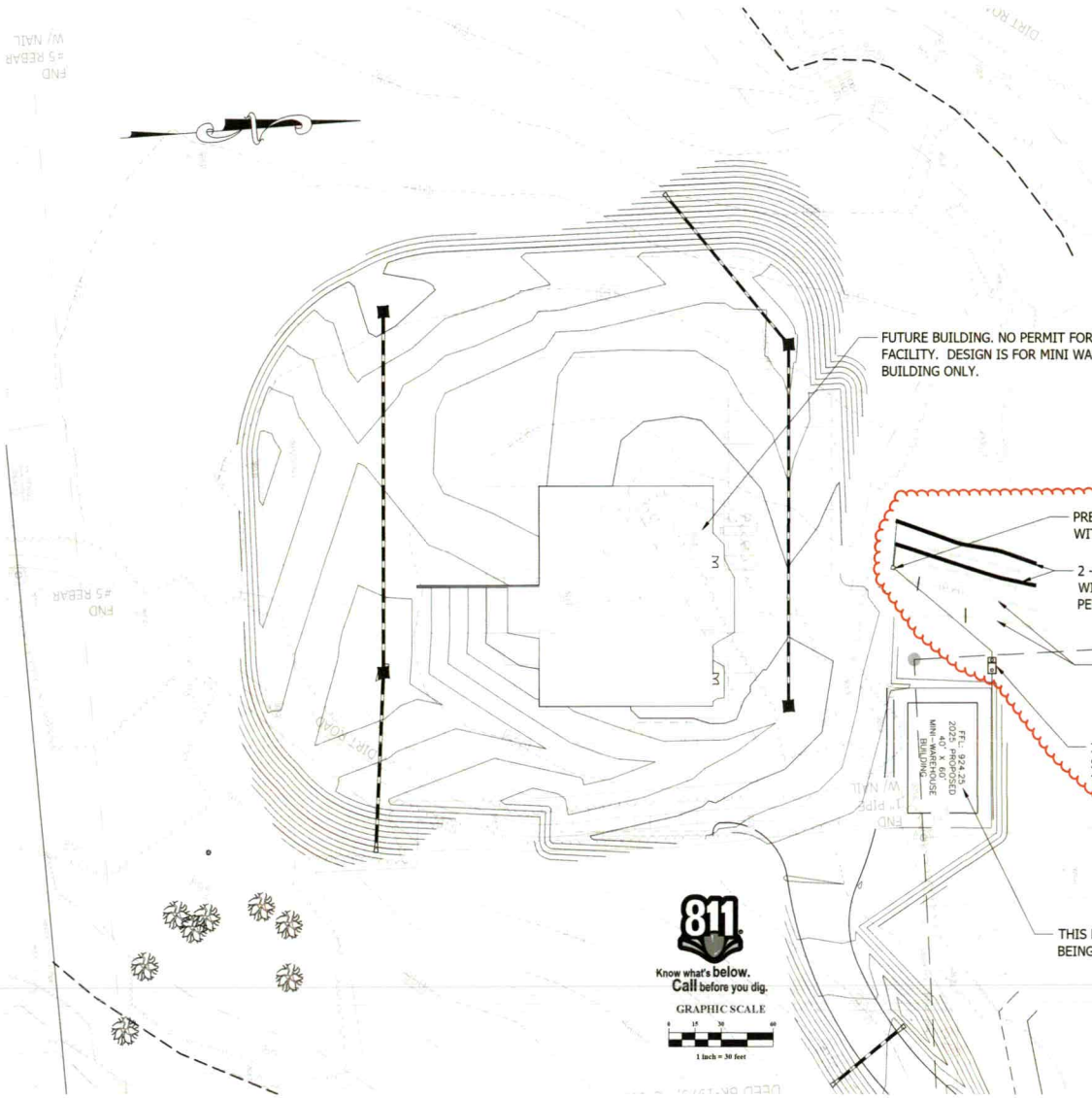
PIEDMONT DESIGN ASSOCIATES, P.A.

Donald L. Munday, P.E.
N.C. Registration No. 17327



11/05/2025

Cc: Mr. Donnie Niemann, Church Board Member





VICINITY MAP
NO SCALE

NOTES:
- SOILS WORK PROVIDED BY IREDELL COUNTY HEALTH DEPT
- REFER TO SHEET U-2 FOR SYSTEM DETAILS & ELEVATIONS AND SPECIFICATION PACKAGE FOR INSTALLATION REQUIREMENTS.
- PRIOR TO ANY CONSTRUCTION OR DEMOLITION, BARRICADE ALL DISPOSAL AREAS FROM CONSTRUCTION TRAFFIC.
- CLEAR DRAIN FIELD OF ALL DEBRIS, LIMBS, ETC. LIGHTLY HAND SMOOTH ANY IRREGULAR SURFACES.
- ENSURE THAT DISPOSAL AREAS ARE CAPABLE OF SHEDDING RAINWATER AND FREE OF ANY LOW AREAS
- SEED ALL DISPOSAL AREAS.
- MAINTAIN 9' MINIMUM SEPARATION ON ALL LATERALS
- OBSERVE ALL SETBACKS.
- WATER TO THE RESIDENCE WILL BE SUPPLIED BY A SOURCE MORE THAN 50 FEET FROM THE SYSTEM COMPONENTS.

DESIGN NOTES:	
DESIGN FLOW:	200 G/D
LTAR:	0.30 G/D/SF
REPAIR LTAR:	0.30 G/D/SF
SEPTIC TANK SIZE:	1,000 GALLON (BAFFLED)
EFFLUENT FILTER:	POLYLOK MODEL PL-122
SUBSURFACE DISTRIBUTION:	25% REDUCTION
NO. OF LATERALS:	2 (84 LF EACH)
TRENCH BOTTOM:	32 INCHES (LOW SIDE)
REPAIR TYPE:	50% REDUCTION PPBPS
REPAIR LINES:	UPPER LATERAL 50 LF LOWER LATERAL 80 LF

Design Flow Sizing:
2 Loading Bays at 100 G/D/Bay = 200 GPD

NOTE:
THIS PLAN IS BASED ON SITE OBSERVATIONS BY IREDELL COUNTY HEALTH DEPARTMENT AT TIME OF INSTALLATION. SEPTIC CONTRACTOR INSTALLED LINE FROM SEPTIC TANK TO DISTRIBTUION BOX ACROSS PRIMARY DRIAINFIELD AND PRIMARY LATERALS WERE INSTALLED IN AREA OF PROPOSED REPAIR LATERALS.

DUE TO THE LINE FROM THE SEPTIC TANK TO THE DISTRIBUTION BOX CUTTING A PORTION OF THE LINES, THE REPAIR LINES ARE NOW PROPOSED TO BE 50% REDUCTION T&J PANEL LATERALS.

PIEDMONT DESIGN Associates, P.A.
Suite 101 Westfield Center - 125 East Plaza Drive
Mooresville, NC 28115 Fax: (704) 664-5788
Phone: (704) 664-5788 Fax: (704) 664-5717 www.pdapa.com
NC FIRM C-1 License # C-1087

PREPARED FOR:
SOUTH RIVER BAPTIST CHURCH
2653 S CHIPLEY FORD ROAD
STATESVILLE, NC 28625
704-876-1520

SEPTIC SYSTEM SITE PLAN
SOUTH RIVER BAPTIST CHURCH MISSION BUILDING
2653 SOUTH CHIPLEY FORD ROAD
STATESVILLE, IREDELL COUNTY, NORTH CAROLINA

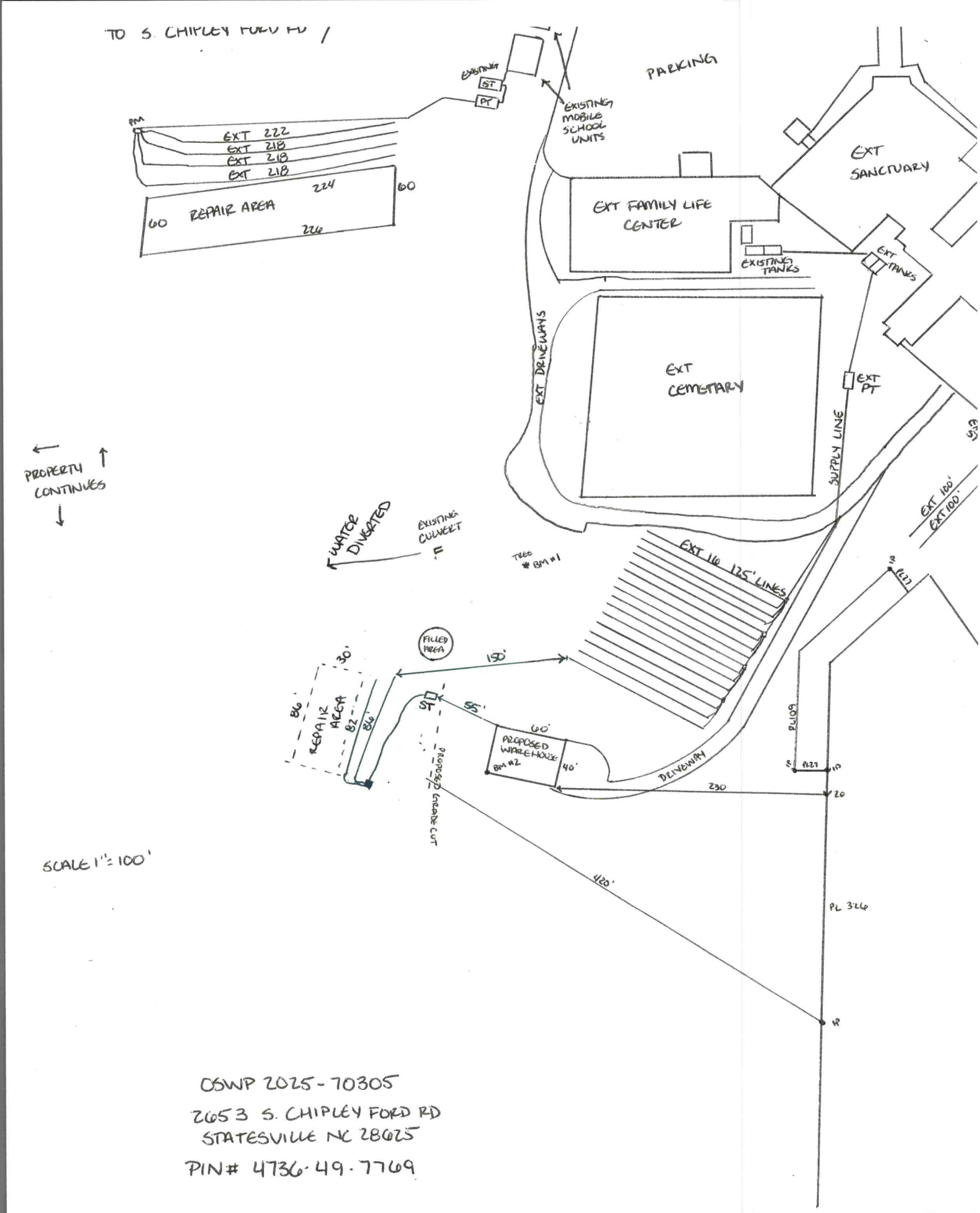
REVISIONS	BY
REVISED PER RQST BY ICHD	DMD

Date: 4/7/25
Scale: 1" = 30' FT
1' CONTOURS
Drawn: DMD
Checked: DLM
Project: 2025-04-01
Job: 2025-04-01
Sheet
U-1
AS BUILT 11/13/25
of 2 Sheets

PUBLICATION OR REUSE OF THESE DRAWINGS OR ANY DETAILS WITHIN MUST BE WITH THE WRITTEN CONSENT OF PIEDMONT DESIGN ASSOCIATES, P.A.

Location: Owner: Approved: Date of Issue:

I:\Engineering\1-Projects\2025\2025-04-01_South River Baptist Mission Bldg\SEPTIC Missions Base.dwg, PLAN, 11/13/2025 3:19:43 PM



OSWP 2025-70305

2653 S. CHIPLEY FORD RD
STATESVILLE NC 28625

PIN# 4736-49-7769


IREDELL
COUNTY · NC
EH Data Collect
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
D Box
Water Tap
Drain line
Property line
Driveway
Ditch
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Power line
Water line
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
2659
4736-49-7770
2653
4736-59-4
201
4736-59-2451
4736-59-3207
4736-59-317
4736-59-4
4736-59-2047
N
0
75
150
300
450
600

PERMIT SNAPSHOT REPORT OSWP-2025-85315 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/21/2025
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	Need to Draw	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Williams, Sarah	**Approval Expire Date:**	
Description:	Comprehensive Redraw of septic system per Sarah Williams. South River Baptist				

Parcel: 4736497770.000 Main	**Address:** 2649 S Chipley Ford Rd Main Statesville, NC 28625	**Zone:** R-20(Suburban Residential District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Donnie R Niemann	Donnie R Niemann	Donnie R Niemann
2659 S. Chipley Ford Rd	2659 S. Chipley Ford Rd	2659 S. Chipley Ford Rd
Statesville, NC 28625	Statesville, NC 28625	Statesville, NC 28625
Mobile: (704) 437-1794	Mobile: (704) 437-1794	Mobile: (704) 437-1794

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Re-Layout/change septic permit (sys not installed)	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	40' x 60' x 18' h.
What are the proposed structures	Other Addition/Structure	Maximum Number of Bedrooms	0	If other Addition/Structure, please explain	Prefabricated Steel Warehouse Building
Number of Occupants	6	Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Other
Number of Employees	2	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Permit type(s)	Improvement Permit with Site Plan	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Donnie_Niemann_10/21/2025.jpg	10/21/2025 17:38	Niemann, Donnie		Uploaded via CSS
B1-Authorize to Act as Agent_v1.pdf	10/22/2025 8:26	Niemann, Donnie	Available Online	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00050759	Comprehensive Gravity System Re-layout	$500.00	$500.00
	Total for Invoice INV-00050759	$500.00	$500.00
	Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/22/2025 9:08	10/22/2025 9:09
Confirm application complete v.1	Generic Action		10/22/2025 9:09
Fees v.1		10/22/2025 9:09	10/23/2025 10:35
Issue Invoice v.1	Generic Action		10/22/2025 9:09
Fees Paid v.1	Generic Action		10/23/2025 10:35
Lot Readiness Verification v.1			
~~OSWP Septic Preliminary Site Visit v.1~~	Inspection		10/22/2025 10:34
OSWP Site Evaluation v.1	Inspection		
~~**Zoning Review v.1**~~			10/22/2025 9:09
~~Floodplain Admin Overview v.1~~	Task		10/22/2025 9:09
~~Iredell County Zoning Approval v.1~~	Task		10/22/2025 9:09

PERMIT SNAPSHOT REPORT (OSWP-2025-85315)

~~Issue Invoice v.1~~	Generic Action	10/22/2025 9:09
~~Fees Paid v.1~~	Generic Action	10/22/2025 9:09
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	