SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

NEW SEPTIC ☒ NEW WELL ☐ USE EXISTING ☐ MODIFIED PLOT PLAN ☐

New Septic Fees Paid

IP ($250.00) SP 7/2/21 Initial/Date

CA ($200.00) LE 1/25/22 Initial/Date

OP ($200.00) LE 1/25/22 Initial/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fees Paid: $550.00 _____ Initial/Date

Use Existing Fees Paid: $100.00 _____ Initial/Date

Alteration Fees Paid: $300 Total $200 _____ Initial/Date (If use existing was part of payment)

Modified Plot Plan Fees Paid: $100.00 _____ Initial/Date

Generate CA / Approve As Noted

Floor plans need to be submitted and reviewed before CA can be issued ☒ Review ☒ 1/25/22

This site is served by septic and well. Verify each is complete before final hold is released ☐

Septic file complete ☒ 11/8/22 Well complete ☐ _____

Send permit for signature ☒ Signature received ☒ _____

This septic system requires a certified operation contract before final hold is released ☐

Certified operator contract is on file ☐ _____

Groundwater & Wastewater Services: Septic Project File & D

Edit Response | Delete Response | Manage Permissions | Workflows | Alert Me

GWS File #:	110598
WASPS App #:	12300
Primary ES assigned to project:	Bryan
Secondary ES assigned to project:	
Project Type:	New System
Site Evaluation Information: .1939(a)(1) - Topography and Landscape Position Recorded?	Yes
Site Evaluation Information: .1940(a-g) - Slope % Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Texture Class Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Structure Type Recorded?	Yes
Site Evaluation Information: .1939 (a)(2) - Consistence Recorded?	
Site Evaluation Information: .1939(a)(2) - Mineralogy Recorded?	Yes
Site Evaluation Information: .1939(a)(3) - Soil Wetness Condition Recorded?	Yes
Site Evaluation Information: .1939(a)(4) - Soil Depth to Rock or Parent Material Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(5) - Depth to Restrictive Horizons Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(6) - Sufficient Available Space Recorded?	Yes
Site Evaluation Information: .1937(m) - Are the Profile Locations Shown?	Yes
Site Evaluation Information: .1939(a) - Are the S/PS Profiles in system & in repair area?	Yes
Site Evaluation Information: .1939(d), .1955, .1956, .1957 - LTAR	Yes
Improvement Permit/Construction Authorization: .1937(g), 130A-336(a) - Proposed System Type stated - Initial	Yes
Improvement Permit/Construction Authorization: .1945(b) - Proposed System Type stated - Repair	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(3) - System location identifiable by setbacks - Initial	Yes
Improvement Permit/Construction Authorization: .1937(g), .1945(b) - System components shown - Initial	Yes
Information Permit/Construction Authorization: .1945(b) - Repair area shown	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Does System design match facility, flow & WW characteristics?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is System design consistent with soil/site conditions?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is the System located in the approved area?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated?	Yes
Improvement Permit/Construction Authorization: .1937 (g) - Trench depth correct?	Yes
Improvement Permit/Construction Authorization: .1937(g) - Trench width correct?	Yes
Improvement Permit/Construction Authorization: .19379(g) - Trench length correct?	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(1) - Proposed/existing well shown?	N/A

Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Facility/appurtenance setbacks shown from fixed points?	Yes
Corrections/modifications needed?	No
Comments:	
IA issued date:	
OP issued date:	
Review performed by:	Michelone
Date performed:	11/30/2021

Created at 11/30/2021 10:09 AM by Michelone, Jeremy
Last modified at 11/30/2021 10:09 AM by Michelone, Jeremy

Close

11059B
#12300

2 JUL '21 PM 2:38

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. **SEPTIC / TYPE APPLICATION:** ○ N/A ◉ NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ◉ N/A ○ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. **JOB LOCATION INFORMATION:**
TAX PARCEL NUMBER: 197-221-68
STREET ADDRESS: 8306 Rolling Fields Dr.
CITY: Mint Hill
STATE: NC ZIP: 28227
SUBDIVISION NAME: Plantation Falls
LOT #: 54 LOT SIZE (acres): 0.69
TOWNSHIP:
○ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ◉ MINT HILL

4. **BUILDING INFORMATION:**
BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
◉ HOUSE ○ OTHER
HEATED SQUARE FOOTAGE: 3,846
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 4
FOUNDATION TYPE:
○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
◉ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☑ N/A
NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ◉ MUNICIPAL ○ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. **PROPOSED USE OF WELL:** ◉ N/A ○ IRRIGATION ○ POTABLE (DRINKING WATER) ○ OTHER _____

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*
☐ N/A ☐ ANY TYPE ☑ CONVENTIONAL ☐ ACCEPTED ☑ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** 1 ____ 2 ____ ____

9. **DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ◉ NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ◉ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ◉ NO	JURISDICTIONAL WETLANDS	○ YES ◉ NO
WELLS, SPRINGS, OR WATER LINES	○ YES ◉ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ◉ NO
EASEMENTS OR RIGHT-OF-WAYS	◉ YES ○ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ◉ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ○ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ◉ NO
WASTE STORAGE	○ YES ◉ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ◉ NO

10. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 11/30/07 ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 6/24/21 ☐ N/A

12. **PROPERTY OWNER:**
NAME: Michael Tyrone Clifton
ADDRESS: 8964 Happiness Rd.
CITY: Harrisburg
STATE: NC ZIP: 28075
WORK PHONE: (704) 309-1470
MOBILE PHONE: (704) 309-1470
FAX: _____
E-MAIL: Mcliftm3@carolinc.rr.com.

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: _____
ADDRESS: _____
CITY: _____
STATE: ____ ZIP: ____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

Robert Williams ✱
704-222-3814

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208 OFFICE: (980) 314-1680, FAX: 704-336-6894

Revised on: 03/27/19

PTIC SYSTEM PERMIT APPLICATION:

information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become id. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely ponsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation n be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 0 months, complete plat = non-expiring.

mc (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

mc (Initial here for well applications)

15. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

Property Owner's or Owner's Legal Representative Signature

7/2/21
Date

OFFICE USE ONLY

○ SURVEY PLAT TO SCALE SUBMITTED ○ SCALED SITE PLAN SUBMITTED ○ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $_____ DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: $_____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208 OFFICE: (980) 314-1680, FAX: 704-336-6894

Revised on: 03/27/19

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/02/21	**Amount:**	250.00
Receipt #:	129500	**Tendered:**	250.00
Check / Auth #:	VISA 068813	**Returned:**	0.00
Received By:	PLACILJ		

Account Information

Account #: 200000
Contractor: MICHAEL CLIFTON
Attn:
Address: 8964 HAPPINESS RD
Address:
City/State/Zip: HARRISBURG, NC 28075

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 8306 ROLLING FIELDS DR		1	250.00	250.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 197-221-68
Lot #: 54
File #: 11059B
AppID: 12300

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property Owner: Michael Tyrone Clifton
Address: 8964 Happiness Rd, Harrisburg, NC 28075
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Location: 8306 Rolling Fields Dr, Mint Hill, NC 28227
Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [X] Municipal
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: owner
Date Evaluated: 7/8/21
Property Size: 0.69 ac
Property Recorded: 11/30/2007

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
Boring #1	HS 6%	0 - 12	gr/sbk SCL	SS SP FR SEXP	>46"	46	NA	NA	common quartz gravel 40 - 46"	PS IV 0.3	32"
		12 - 46	sbk C	S P FI SEXP							
Boring #2	HS 8%	0 - 15	gr/sbk SCL	SS SP FR SEXP	>47"	47	NA	NA		PS IV 0.3	32"
		15 - 47	sbk C	S P FI SEXP							
Boring #3	HS 6%	0 - 9	gr/sbk SCL	SS SP FR SEXP	>48"	48	NA	NA	common quartz gravel 39 - 48"	PS IV 0.3	34"
		9 - 48	sbk C	S P FI SEXP							
Boring #4	HS 7%	0 - 10	gr/sbk SCL	SS SP FR SEXP	>48"	48	NA	NA	C inclusions 27 - 48" saprolite inclusions 27 - 48"	PS IV 0.3	34"
		10 - 27	sbk C	S P FI SEXP							
		27 - 48	sbk CL	SS SP FR SEXP							
Boring #5	LS 6%	0 - 12	gr/sbk SCL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	32"
		12 - 38	sbk C	S P FI SEXP							
		38 - 46	sbk CL	SS SP FR SEXP							
Boring #6	LS 6%	0 - 10	gr/sbk SCL	SS SP FR SEXP	>48"	48	NA	NA		PS IV 0.3	34"
		10 - 48	sbk C	S P FI SEXP							

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIe	IVa
Site LTAR (gpd/sq ft)	0.3	0.3

Other Factors (.1946): NA
Soil Evaluation By: Jacob Presley, REHS, LSS
Others Present:
Site Classification (.1948): PS
Site Evaluation By: ~~PS~~ BD
Others Present: Tim, Michael home owner

COMMENTS:

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	sg-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		mass-Massive
LS-Linear Slope				cr-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	gr-Granular
NS-Nose Slope		L-Loam		sbk-Subangular Blocky
HS-Head Slope				abk-Angular Blocky
CC-Concave Slope	III	Si-Silt	0.6 - 0.3	pl-Platy
		SiCL-Silty Clay Loam		
CV-Convex Slope				pr-Prismatic
T-Terrace				Sap-Saprolite
FP-Flood Plain		CL-Clay Loam		**Structure Prefixes**
D-Drainage Way		SCL-Sandy Clay Loam		w-weak m-moderate s-strong f-fine m-medium c-coarse
		Silt		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SiC-Silty Clay		
		C-Clay		

Consistence	Consistence	Mineralogy
Moist	**Wet**	SEXP-Slightly Expansive
VFR-Very Friable	SS-Slightly Sticky	EXP-Expansive
FR-Friable	S-Sticky	
FI-Firm	VS-Very Sticky	**Classification**
VFI-Very Firm	NP-Non-Plastic	US-Unsuitable
EFI-Extremely Firm	SP-Slightly Plastic	PS-Provisionally Suitable
	P-Plastic	S-Suitable
	VP-Very Plastic	NA-Not Applicable

Soil Boring Location Sketch



Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 6000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30012300 GWS File #: 11059B Tax Parcel #: 197-221-68

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 11/23/2026

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 3846 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Crawl Space Water Supply: Municipal

II. Initial System Type: PPBPS (gravity) **System Classification:** IIIe

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	2	Trench Spacing (ft):	8	Absorption Area (ft^2):	800	Total Trench Length (ft):	267
Maximum Trench Depth (in):	32	Depth of Media (in):	22	Distribution Device:	Drop Boxes		

III. Repair System Type: PPBPS (pressurized) **System Classification:** IVa

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	2	Trench Spacing (ft):	8	Absorption Area (ft^2):	800	Total Trench Length (ft):	267
Maximum Trench Depth (in):	32	Depth of Media (in):	22	Distribution Device:	Pressure Manifold		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Bryan Davenport

Signature: Bryan Davenport

Date Issued: 11/23/2021

Owner/Legal Agent: Michael Clifton
Print Name

Signature: Michael Clifton

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30012300 GWS File #: 11059B

IV. Permit Conditions/Comments:

- This type of repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- This type of repair system requires the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 10 feet from any foundation drain.
- The septic system shall be located at least 15 feet from any foundation drain.
- The septic system shall be located at least 25 feet from any foundation drain.

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Bryan Davenport

Signature: Bryan Davenport

Date Issued: 11/23/2021

Owner/Legal Agent: Michael Clifton
Print Name

Signature: Michael Clifton

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

Septic System Pre-Construction Meeting Checklist

File # 11059B App# 12300 Tax Parcel# 197-221-68

Property Owner: Michael Tyrone Clifton

Job Location Address: 8306 Rolling Fields Dr.

City: Charlotte State: NC Zip Code: 28227

1. **Does System design match facility, flow & wastewater characteristics?**

   ☒ YES ☐ NO

   Comments:

2. **Is there sufficient available space for the septic systems initial and repair areas?**

   ☒ YES ☐ NO

   Comments:

3. **Can the septic system be installed per the permit conditions and drawing on file?**

   ☒ YES ☐ NO

   Comments: Plumbing will need to be moved/altered. Plumbout to close to the drain field

*If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☐ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. **System shall not be installed while soils are in wet condition.**

Braedon Shelton — Authorized Agent

11/1/22 — Date

Tim Styron — Others Present

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 110598 Permit #: 12300 Tax Parcel #: 197-22-68

Property Owner: Michael Clifton

Job Location Address: 8306 Rolling Fields Dr

City: Charlotte State: NC Zip Code: 28227

Operation Permit Issuance Date: 11/4/22 Contractor Name: Tim Styron

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: NA gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture Shoaf Effluent Pump Model: NA

ST-Shoaf-1000 STB-760 9-22-22

Drainfield Installation ☐ N/A

Trench Depth: 32 inches

Trench Width: 2 feet

Line Spacing: 8 feet (O.C.)

Total line length: 267 feet

# of Lines: 7 @ various feet

Depth of Media: 22 inches (Type) PPBPS

Depth of Cover: 8 inches

Distribution Device: Drop Boxes

Inspection Dates

Tank(s) Inspected: ~~11/4/22~~ 11/3/22

Excavation Inspected: 11/3/22

Pump & Controls Inspected: NA

Bed Installation *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

See Attach Drawing

Water Supply Source

☑ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 10 feet

The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☑ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: III/g/g/NA/NA PPBPS vertical

DENR Authorized Agent: B. Davenport Signature: Byron Davenport

STATE OF NORTH CAROLINA MECKLENBURG COUNTY

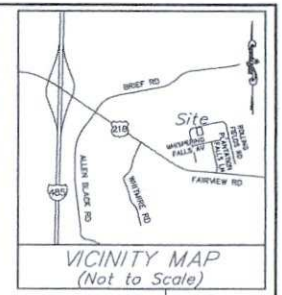
"I, MARK C. CARTER, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 36224, PAGE 774 OR OTHER REFERENCE SOURCE MB 46 PG 561); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN BOOK _____, PAGE _____ OR OTHER REFERENCE SOURCE_____; THAT THE RATIO OF PRECISION OR POSITION ACCURACY IS 1:10,000', AND THAT THIS MAP MEET THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56. 1600)." THIS 23rd DAY OF NOVEMBER, 2021.

PROFESSIONAL LAND SURVEYOR

PRELIMINARY
NOT FOR SALES OR CONVEYANCES

NOTES

1. AREA CALCULATED BY COORDINATE COMPUTATION.
2. ADJOINING PROPERTY OWNERS NAMES WERE TAKEN FROM MECKLENBURG COUNTY TAX OFFICE RECORDS, AND ARE CONSIDERED AS NOW OR FORMERLY.
3. IRON RODS AT ALL CORNERS UNLESS NOTED.
4. THIS MAP IS SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS AND PRELIMINARY PLAN WHICH MAY BE OF RECORD.
5. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES, MEASURED WITH ELECTRONIC MEASURING DEVICES.
6. LOT SUBJECT TO ALL ZONING ORDINANCES OF TOWN OF MINT HILL. BUILDER/OWNER MUST VERIFY THAT LOT IS IN COMPLIANCE WITH ALL COUNTY AND HOMEOWNERS ASSOCIATION ZONING ORDINANCES PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION.
7. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF A TITLE SEARCH. POLICY # 34 306 MN07-0039984, DATED: 11/30/2007.
8. NO NCGS MONUMENT FOUND WITHIN 2000 FEET.
9. SUBJECT PROPERTY ZONED R PER MB 46 PG 561.
10. BUILDING SETBACKS SHOWN per MB 46 PG 561.
11. PROPERTY SUBJECT TO EASEMENT PER DB 20936 PG 81.
12. PROPERTY SUBJECT TOP DEED RESTRICTION FOUND IN DB 21023 PG 830.
13. PROPERTY SUBJECT TO SOUTHERN BELL TELEPHONE EASEMENT PER DB 6386 PG 1 AND DB 777 PG 563.
14. PROPERTY SUBJECT TO BELLSOUTH EASEMENT PER DB 21082 PG 803.



VICINITY MAP
(Not to Scale)

LOT 64
MB 46 PG 561

WALTER E. COX &
DEBRA S. COX
NOW OR FORMERLY
TRACT 55
DB 28374 PG 530
MB 46 PG 561
TAX # 197-221-58

PLANTATION FALLS NC, LLC
NOW OR FORMERLY
TRACT 55
DB 33498 PG 170
MB 46 PG 561
TAX # 197-221-57

LOT 52
MB 45 PG 561

#4RF (TIE ONLY) N 77°16'03" E 130.35'

#4RF S 77°15'44" W 130.43' #4RF

#4RS

Repair Area

ST-Shoaf-1000
STB-760 9/22/22

LOT 54
0.688 ACRE
29,998.90 SF

40' RY

7.5

4bedroom
PROPOSED HOUSE
House

20' SY

S 12°44'16" E 230.00'

N 12°44'16" W 230.00'

20.5

60' FS

60.5

PROPOSED DRIVE

PROPOSED SEPTIC FIELD AND REPAIR AREA (MARKED BY OTHERS)

SHELBURNE PALISADES, LLC
NOW OR FORMERLY
TRACT 53
DB 33830 PG 81
MB 46 PG 561
TAX # 197-221-69

MAP NORTH MB 45 PG 561

PLANTATION FALLS NC, LLC
NOW OR FORMERLY
TRACT 54
DB 33498 PG 170
MB 46 PG 561
TAX # 197-221-68

15' STORM DRAIN EASEMENT PER MB 46 PG 561

LEGEND

CP	COMPUTED POINT
RF	REBAR FOUND
RS	REBAR SET
R/W	RIGHT-OF-WAY
SF	SQUARE FEET
MB	MAP BOOK
DB	DEED BOOK
PG	PAGE
FS	FRONT SETBACK
RY	REAR YARD
SY	SIDE YARD
	CABLE BOX
	POWER PAD
	COLUMN
	TELEPHONE PEDESTAL
	WATER METER
	LIGHT POLE
	DROP INLET
	CATCH BASIN
	SILT FENCE LINE
	FENCE LINE
	STORM DRAINAGE LINE
	EASEMENT LINE
	PROPERTY LINE
	BUILDING SETBACK LINE
	PROPERTY LINES NOT SURVEYED
	R/W LINE
	SEPTIC AREA
	CONCRETE AREA

#4RF (TIE ONLY) N 77°15'37" E 280.88'

#4RF BENT

N 77°15'44" E 130.43'

#5RF 0.86' ON P/L

CP

ROLLING FIELDS ROAD
60' PUBLIC R/W
per MB 46 PG 561

(TIE ONLY) N 37°13'02" E 83.31'

#4RF

LOT 12
MB 46 PG 561

LOT 11
MB 46 PG 561

LOT 10
MB 46 PG 561

SITE NOTES:

BUILDING SETBACK REQUIREMENTS (MINIMUM) ZONED R

FRONT:	60 FEET
SIDE YARD:	20 FEET
REAR YARD:	40 FEET
MINIMUM LOT WIDTH:	130 FEET
MINIMUM LOT AREA:	30,000 SF

FLOOD NOTE:

NO PORTION OF THE SUBJECT PROPERTY SHOWN HEREON LIES WITHIN A SPECIAL FLOOD HAZARD AREA PER F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 3710551200K, DATED: FEBRUARY 19, 2014.

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

PLOT PLAN
AT PROPERTY KNOWN AS
8306 ROLLING FIELDS ROAD
LOT 54, PLANTATION FALLS, MAP1
TAX # 197-221-68, DB 36224 PG 774
TOWN OF MINT HILL, MECKLENBURG COUNTY, NC
FOR: RKW BUILDERS

PHOENIX LAND SURVEYING, INC
3316 OLD MONROE ROAD
STALLINGS, NORTH CAROLINA 28104
PH: (704)-335-1655
EMAIL: INFO@PHOENIX-SURVEYING.COM
FIRM # C-3912

Land Surveying
Land Planning

FIELD WORK: RM- MAPPING: MC, DNZ
PROJ # 1016-63-01 8306 ROLLING FIELDS RD

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 11059B Permit #: 12300 Tax Parcel #: 197-22-68

Property Owner: Michael Clifton

Job Location Address: 8306 Rolling Fields Dr

City: Charlotte State: NC Zip Code: 28227

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☑

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☑ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other: 4 bedroom

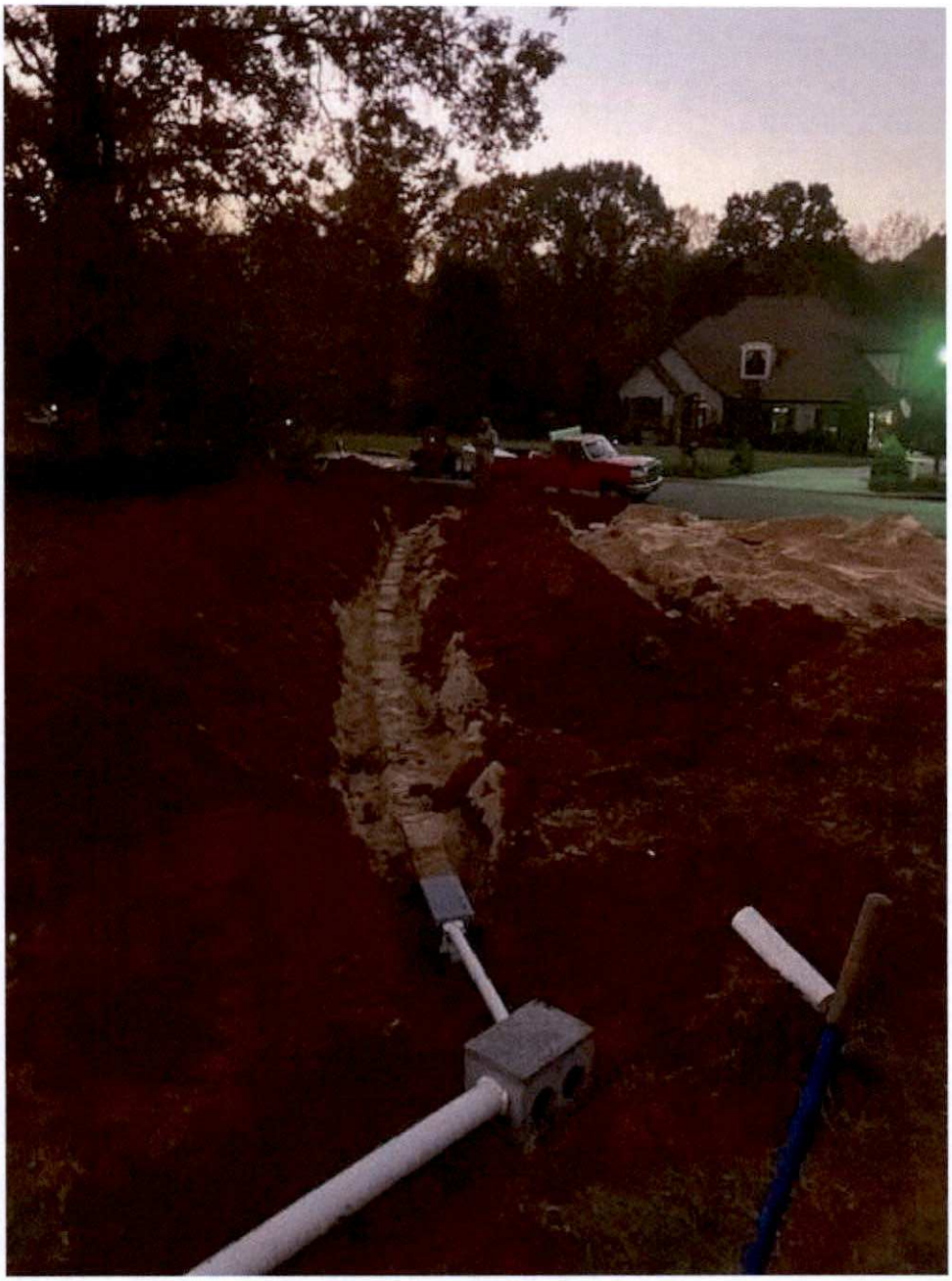
DENR Authorized Agent: B. Davenport Date: 11/4/22

Signature: B. Davenport

Davenport, Bryan C.

From: Davenport, Bryan C.
Sent: Tuesday, November 8, 2022 9:46 AM
To: Davenport, Bryan C.









Sent from my iPhone

FEE: 200.00

DATE: 1/26/2022

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 11059B

PERMIT NUMBER: 30012300

PARCEL NUMBER: 19722168

JOB LOCATION INFORMATION

ADDRESS: 8306 ROLLING FIELDS RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28227

ISSUED TO: MICHAEL TYRONE CLIFTON

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 1/25/2022

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30012300, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

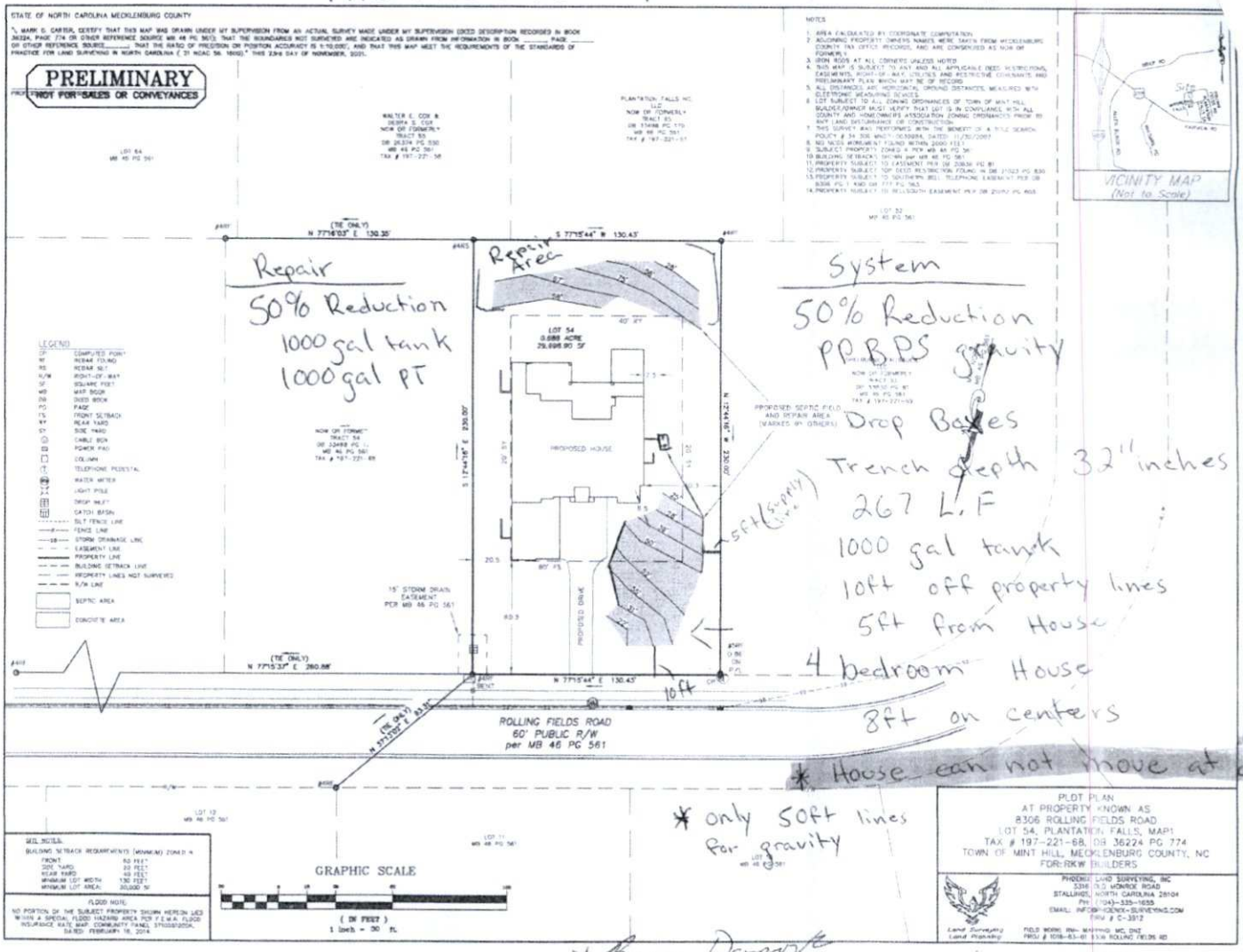
2. A PRE-CONSTRUCTION MEETING MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A LICENSED SEPTIC TANK CONTRACTOR WITH THE NORTH CAROLINA ONSITE WASTEWATER CONTRACTOR INSPECTOR CERTIFICATION BOARD.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, AND MAY BE ISSUED AT THE SAME TIME THE IMPROVEMENT PERMIT IS ISSUED.

Authorized Agent Signature Bryan Dayton

File : 11059B parcel 197-221-68 App: 12300



Repair
50% Reduction
1000 gal tank
1000 gal PT

System
50% Reduction
PP.B.P.S gravity
Drop Boxes
Trench depth 32" inches
267 L.F
1000 gal tank
10ft off property lines
5ft from House
4 bedroom House
8ft on centers

* House can not move at all

* only 50ft lines for gravity

PLOT PLAN
AT PROPERTY KNOWN AS
8306 ROLLING FIELDS ROAD
LOT 54, PLANTATION FALLS, MAP1
TAX # 197-221-68, DB 36224 PG 774
TOWN OF MINT HILL, MECKLENBURG COUNTY, NC
FOR: RKW BUILDERS

PHOENIX LAND SURVEYING, INC
5316 OLD MONROE ROAD
STALLINGS, NORTH CAROLINA 28104
PH: (704)-335-1655
EMAIL: INFO@PHOENIX-SURVEYING.COM
FIRM # C-3512

Land Surveyor
Land Planner

FIELD WORK PERFORMED: MARCH, MC, DNT
PROJ # 1016-83-01 8306 ROLLING FIELDS RD

* Byron Dayvie
* Date 11/29/21

* Date

Davenport, Bryan C.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Wednesday, November 24, 2021 1:20 PM
To: Davenport, Bryan C.; Timothy Styron
Cc: Michael Clifton
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon all,

The sealed version is on our surveyor's desk for final signatures. I'll make a note in our system to maintain placement once the build is started.

Jeff Fogle
Survey Manager

Phoenix Land Surveying, Inc.
3316 Old Monroe Road
Stallings, NC 28104
704-335-1655
Call today to receive a quote!

From: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Sent: Wednesday, November 24, 2021 1:14 PM
To: Timothy Styron <styronsolutions@gmail.com>; Jeff Fogle <jfogle@phoenix-surveying.com>
Cc: Michael Clifton <Michael@deck-play.com>
Subject: RE: [External]8306 Rolling Fields Rd

And thank you Jeff for doing that survey and adding the numbers! (: I really appreciate it.

From: Timothy Styron <styronsolutions@gmail.com>
Sent: Wednesday, November 24, 2021 11:56 AM
To: Jeff Fogle <jfogle@phoenix-surveying.com>
Cc: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>; Michael Clifton <Michael@deck-play.com>
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Looks awesome to me Jeff. Thank you, happy Thanksgiving to all!

On Tue, Nov 23, 2021 at 2:41 PM Jeff Fogle <jfogle@phoenix-surveying.com> wrote:

Good afternoon all,

Please see the attached revised plot plan. I edited the septic areas and added linear tags on the drain lines. Is this the ballpark of what you are looking for? We will get the final sealed plot plan released once everyone approves.

Thanks and have a great Thanksgiving!

Jeff Fogle
Survey Manager

Phoenix Land Surveying, Inc.
3316 Old Monroe Road
Stallings, NC 28104
704-335-1655
Call today to receive a quote!

From: Timothy Styron <styronsolutions@gmail.com>
Sent: Tuesday, November 23, 2021 9:30 AM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Cc: Jeff Fogle <jfogle@phoenix-surveying.com>; Michael Clifton <Michael@deck-play.com>

Subject: Re: [External]8306 Rolling Fields Rd

Good morning Jeff thank you for the email along with the quick response on the plot plan. I will let Brian be the final say of this however something I noticed on the plot plan itself is all the gray shaded area on the right side of the house can go away, we only need the gray shaded area where the physical lines are drawn in on your plan. The shaded area can start and stop on the top line and bottom line of each Represented area. Meaning the backyard drain field area and the front yard drain field area. I don't want there to be any kind of confusion with the gray shaded area on the right side being too close to the house box. That area will not be used and is not part of the septic design per my understanding with Brian. Also what may be of help to Brian is if you could list footage of each line individually on the plan. That way Brian along with everybody else that will be on that site will know for certain how much footage of line we have on each line in case something gets moved.

Thank you
Tim Styron

On Tue, Nov 23, 2021 at 8:59 AM Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov> wrote:

Cool! Thank you and give me a little bit.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Tuesday, November 23, 2021 8:43 AM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>; Michael Clifton <Michael@Deck-Play.com>
Cc: styronsolutions@gmail.com
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning all,

Please see the attached updated plot plan with the revised septic layout. Let me know if I need to add any additional notes or information to satisfy any county requirements.

Jeff Fogle
Survey Manager
Phoenix Land Surveying Inc.
Office : 704-335-1655

3316 Old Monroe Road
Stallings, NC 28104

From: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Sent: Wednesday, November 17, 2021 8:55 AM
To: Jeff Fogle <jfogle@phoenix-surveying.com>; Michael Clifton <Michael@Deck-Play.com>
Cc: styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: RE: [External]8306 Rolling Fields Rd

Sounds good! And can you send it as a pdf file? I am having trouble pulling up the other extension.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Wednesday, November 17, 2021 8:54 AM
To: Michael Clifton <Michael@Deck-Play.com>; Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Cc: styronsolutions@gmail.com
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I can have a crew out today to locate the new drain flags. I will update the plot plan and get it sent over tomorrow.

Jeff Fogle
Survey Manager
Phoenix Land Surveying Inc.
Office : 704-335-1655

3316 Old Monroe Road

Stallings, NC 28104

From: Michael Clifton <Michael@Deck-Play.com>
Sent: Wednesday, November 17, 2021 8:45 AM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>; Jeff Fogle <jfogle@phoenix-surveying.com>
Cc: styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: Re: [External]8306 Rolling Fields Rd

OK thanks Bryan for all the extra work.. greatly appreciated..

Michael Clifton

Get Outlook for Android

From: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Sent: Wednesday, November 17, 2021 8:23:18 AM
To: Jeff Fogle <jfogle@phoenix-surveying.com>; Michael Clifton <Michael@Deck-Play.com>
Cc: styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: RE: [External]8306 Rolling Fields Rd

Good Morning!

I went back out on Monday to look at the layout and think we have something that will work. But the house has to go in the exactly in the spot that it is marked on the survey. If Jeff can go back out and survey everything including the new location of the drainfield lines I will approve the permit and I will provide the information to the septic installer.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Tuesday, November 16, 2021 9:03 AM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>; Michael Clifton <Michael@Deck-Play.com>
Cc: styronsolutions@gmail.com
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan,

The house and driveway layout are what is currently staked by us on site. The septic points shown in the drawing is what was marked originally off of the owners layout that will need to be revised. I've re-attached the DWG file for your reference. If you have trouble opening this, I will see if I can drop the file down to a 2004 version.

Jeff Fogle
Survey Manager
Phoenix Land Surveying Inc.
Office : 704-335-1655

3316 Old Monroe Road

Stallings, NC 28104

From: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Sent: Tuesday, November 16, 2021 8:57 AM
To: Jeff Fogle <jfogle@phoenix-surveying.com>; Michael Clifton <Michael@Deck-Play.com>
Cc: styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: RE: [External]8306 Rolling Fields Rd

Jeff is these points from the new layout? Also, can you send it to me again because for some reason it is not pulling up.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Wednesday, November 10, 2021 8:28 AM
To: Michael Clifton <Michael@Deck-Play.com>; Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Cc: styronsolutions@gmail.com
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Michael,

Here is the base file with the individual septic points that were marked on site. Let me know if you have any questions.

Jeff Fogle
Survey Manager
Phoenix Land Surveying Inc.
Office : 704-335-1655

3316 Old Monroe Road
Stallings, NC 28104

From: Michael Clifton <Michael@Deck-Play.com>
Sent: Tuesday, November 9, 2021 8:00 AM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>; Jeff Fogle <jfogle@phoenix-surveying.com>
Cc: styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: Re: [External]8306 Rolling Fields Rd

Ok thanks

Get Outlook for Android

From: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Sent: Tuesday, November 9, 2021 7:46:28 AM
To: Jeff Fogle <jfogle@phoenix-surveying.com>
Cc: Michael Clifton <Michael@Deck-Play.com>; styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: RE: [External]8306 Rolling Fields Rd

Alright! I will get out there as soon as I can. It may be Wednesday or Thursday. I have training going on this week so it limits me being out in the field.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Monday, November 8, 2021 8:12 AM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Cc: MICHAEL@DECK-PLAY.COM; styronsolutions@gmail.com
Subject: Re: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning all,

I just spoke with my crew and they were able to get out and stake everything late Friday afternoon. Everything staked matches the plot plan sent before. If you have any questions please feel free to contact me.

Thanks and have a good day!

Jeff Fogle
Survey Manager
Phoenix Land Surveying Inc.
Office : 704-335-1655

3316 Old Monroe Road
Stallings, NC 28104

From: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Sent: Thursday, November 4, 2021 10:33 AM
To: Jeff Fogle <jfogle@phoenix-surveying.com>
Cc: MICHAEL@DECK-PLAY.COM <MICHAEL@DECK-PLAY.COM>; styronsolutions@gmail.com <styronsolutions@gmail.com>
Subject: RE: [External]8306 Rolling Fields Rd

Mark all property lines and house, drive way, and anything else that relates to the house. Because everything will have to go exactly where it has to go and if anything changes that impede on the septic system I will have to revoke the permit. I need to have enough space for 267 L.F for system and repair, meeting all required set backs.

From: Jeff Fogle <jfogle@phoenix-surveying.com>
Sent: Wednesday, November 3, 2021 3:11 PM
To: Davenport, Bryan C. <Bryan.Davenport@mecklenburgcountync.gov>
Cc: MICHAEL@DECK-PLAY.COM
Subject: [External]8306 Rolling Fields Rd

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Bryan,

Thank you for speaking with me earlier. I've attached a rough plot of the septic perimeter and the proposed house for context. I had a little trouble distinguishing the repair area from the drain field. Per our conversation, could you sketch the intent on here so I can adjust the drawing. Also, please note the required buffer between the house and septic field. The architect would need to know where the buffer distances change in order to re-design. If you have any questions feel free to give me a call @ 704-737-3096. I've CC'd Michael Clifton (owner) in this email as well to keep everyone in the loop.

Thanks and have a good day!

Jeff Fogle
Survey Manager
Phoenix Land Surveying Inc.
Office : 704-335-1655

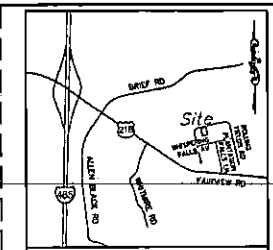
3316 Old Monroe Road
Stallings, NC 28104

STATE OF NORTH CAROLINA MECKLENBURG COUNTY

"I, MARK C. CARTER, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 36224, PAGE 774 OR OTHER REFERENCE SOURCE MB 46 PG 561); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN BOOK _____ PAGE _____ OR OTHER REFERENCE SOURCE _____; THAT THE RATIO OF PRECISION OR POSITION ACCURACY IS 1:10,000', AND THAT THIS MAP MEET THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56. 1600)." THIS 23rd DAY OF NOVEMBER, 2021.

PRELIMINARY
NOT FOR RECORDATION, SALES OR CONVEYANCES

NOTES
1. AREA CALCULATED BY COORDINATE COMPUTATION.
2. ADJOINING PROPERTY OWNERS NAMES WERE TAKEN FROM MECKLENBURG COUNTY TAX OFFICE RECORDS, AND ARE CONSIDERED AS NOW OR FORMERLY.
3. IRON RODS AT ALL CORNERS UNLESS NOTED.
4. THIS MAP IS SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS AND PRELIMINARY PLAN WHICH MAY BE OF RECORD.
5. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES, MEASURED WITH ELECTRONIC MEASURING DEVICES.
6. LOT SUBJECT TO ALL ZONING ORDINANCES OF TOWN OF MINT HILL. BUILDER/OWNER MUST VERIFY THAT LOT IS IN COMPLIANCE WITH ALL COUNTY AND HOMEOWNERS ASSOCIATION ZONING ORDINANCES PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION.
7. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF A TITLE SEARCH. POLICY # 34 308 MN07-0039984, DATED: 11/30/2007.
8. NO NCGS MONUMENT FOUND WITHIN 2000 FEET.
9. SUBJECT PROPERTY ZONED R PER MB 46 PG 561.
10. BUILDING SETBACKS SHOWN per MB 46 PG 561.
11. PROPERTY SUBJECT TO EASEMENT PER DB 20936 PG 81.
12. PROPERTY SUBJECT TOP DEED RESTRICTION FOUND IN DB 21023 PG 830.
13. PROPERTY SUBJECT TO SOUTHERN BELL TELEPHONE EASEMENT PER DB 5398 PG.1 AND DB 777 PG 563.
14. PROPERTY SUBJECT TO BELLSOUTH EASEMENT PER DB 21082 PG 803.



VICINITY MAP
(Not to Scale)

LOT 84
MB 46 PG 561

WALTER E. COX &
DEBRA S. COX
NOW OR FORMERLY
TRACT 55
DB 28374 PG 530
MB 46 PG 561
TAX # 197-221-56

PLANTATION FALLS NC, LLC
NOW OR FORMERLY
TRACT 55
DB 33498 PG 170
MB 46 PG 561
TAX # 197-221-57

LOT 52
MB 46 PG 561

#4RF (TIE ONLY) N 77°16'03" E 130.35'

#4RS S 77°15'44" W 130.43' #4RF

PROPOSED SEPTIC FIELD AND REPAIR AREA (MARKED BY OTHERS)

LOT 54
0.686 ACRE
29,998.90 SF

40' RY

7.5

PROPOSED HOUSE

25' SY

20' SY

N 12°44'16" W 230.00'

S 12°44'16" E 230.00'

40.3

6.5

20.5

60' FS

PROPOSED DRIVE

60.5

15' STORM DRAIN EASEMENT PER MB 46 PG 561

PLANTATION FALLS NC, LLC
NOW OR FORMERLY
TRACT 54
DB 33498 PG 170
MB 46 PG 561
TAX # 197-221-55

SHELBURNE PALISADES, LLC
NOW OR FORMERLY
TRACT 53
DB 33630 PG 61
MB 46 PG 561
TAX # 197-221-59

MAP NORTH: MB 46 PG 561

#4RF (TIE ONLY) N 77°15'37" E 280.65'

#4RF @ BENT N 77°15'44" E 130.43' CP

#5RF 0.86' ON P/L

(TIE ONLY) N 37°13'02" E 93.31'

ROLLING FIELDS ROAD
60' PUBLIC R/W
per MB 46 PG 561

R/W

LOT 12
MB 46 PG 561

LOT 11
MB 46 PG 561

LOT 10
MB 46 PG 561

LEGEND

CP	COMPUTED POINT
RF	REBAR FOUND
RS	REBAR SET
R/W	RIGHT-OF-WAY
SF	SQUARE FEET
MB	MAP BOOK
DB	DEED BOOK
PG	PAGE
FS	FRONT SETBACK
RY	REAR YARD
SY	SIDE YARD
	CABLE BOX
	POWER PAD
	COLUMN
	TELEPHONE PEDESTAL
	WATER METER
	LIGHT POLE
	DROP INLET
	CATCH BASIN
	SILT FENCE LINE
	FENCE LINE
SD	STORM DRAINAGE LINE
	EASEMENT LINE
	PROPERTY LINE
	BUILDING SETBACK LINE
	PROPERTY LINES NOT SURVEYED
	R/W LINE
	SEPTIC AREA
	CONCRETE AREA

SITE NOTES:

BUILDING SETBACK REQUIREMENTS (MINIMUM) ZONED R

FRONT:	60 FEET
SIDE YARD:	20 FEET
REAR YARD:	40 FEET
MINIMUM LOT WIDTH:	130 FEET
MINIMUM LOT AREA:	30,000 SF

FLOOD NOTE:
NO PORTION OF THE SUBJECT PROPERTY SHOWN HEREON LIES WITHIN A SPECIAL FLOOD HAZARD AREA PER F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 3710551200K, DATED: FEBRUARY 19, 2014.

GRAPHIC SCALE
0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

PLOT PLAN
AT PROPERTY KNOWN AS
8306 ROLLING FIELDS ROAD
LOT 54, PLANTATION FALLS, MAP1
TAX # 197-221-68, DB 36224 PG 774
TOWN OF MINT HILL, MECKLENBURG COUNTY, NC
FOR: RKW BUILDERS

PHOENIX LAND SURVEYING, INC
3316 OLD MONROE ROAD
STALLINGS, NORTH CAROLINA 28104
PH: (704)-335-1855
EMAIL: INFO@PHOENIX-SURVEYING.COM
FIRM # C-3912

Land Surveying
Land Planning

FIELD WORK: RM- MAPPING: MC, DNZ
PROJ # 1018-83-01 8306 ROLLING FIELDS RD.

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30012300** GWS File #: **11059B** Tax Parcel #: **197-221-68**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 11/23/2026

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 3846 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Crawl Space Water Supply: Municipal

II. Initial System Type: PPBPS (gravity) **System Classification:** IIIe

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	2	Trench Spacing (ft):	8	Absorption Area (ft^2):	800	Total Trench Length (ft):	267
Maximum Trench Depth (in):	32	Depth of Media (in):	22	Distribution Device:	Drop Boxes		

III. Repair System Type: PPBPS (pressurized) **System Classification:** IVa

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	2	Trench Spacing (ft):	8	Absorption Area (ft^2):	800	Total Trench Length (ft):	267
Maximum Trench Depth (in):	32	Depth of Media (in):	22	Distribution Device:	Pressure Manifold		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Bryan Davenport Owner/Legal Agent: _____
Print Name

Signature: Bryan Davenport Signature: _____

Date Issued: 11/23/2021

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30012300** GWS File #: **11059B**

IV. Permit Conditions/Comments:

- This type of repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- This type of repair system requires the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 10 feet from any foundation drain.
- The septic system shall be located at least 15 feet from any foundation drain.
- The septic system shall be located at least 25 feet from any foundation drain.

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

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- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Bryan Davenport

Signature: Bryan Davport

Date Issued: 11/23/2021

Owner/Legal Agent: _____
Print Name

Signature: _____

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	01/25/22	**Amount:**	200.00
Receipt #:	132595	**Tendered:**	200.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

Account #: X59549
Contractor: WOLFPACK BUILDERS LLC
Attn:
Address: 8045 ALFORD RD
Address:
City/State/Zip: FORT MILL, SC 29707

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 8306 ROLLING FIELDS DR		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
200.00					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	01/25/22	**Amount:**	200.00
Receipt #:	132596	**Tendered:**	200.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

Account #: X59549
Contractor: WOLFPACK BUILDERS LLC
Attn:
Address: 8045 ALFORD RD
Address:
City/State/Zip: FORT MILL, SC 29707

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 8306 ROLLING FIELDS DR		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
400.00					