SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

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

New Septic Fees Paid

IP ($250.00) LP 12/15/22 Initial/Date * send for signatures.

IP ($450.00) _____ Initial/Date

CA ($200.00) [illegible] 01/2/24 Initial/Date

OP ($200.00) [illegible] 01/2/24 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 — 1/17 LP

AB 1-18-23

Floor plans need to be submitted and reviewed before CA can be issued ☒ Review ☐

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

Septic file complete ☒ MH 9/9/24 Well complete ☐ N/A

Release holds, Scan into onbase ✓

Send permit for signature ☒ AB 1-18-23 1/18/23-LP Signature received ☐ _____

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

Certified operator contract is on file ☐ _____

8158B

15 DEC '22 PM 2:22

#13593

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: 19722167
STREET ADDRESS: 8316 ROLLING FIELDS RD
CITY: MINT HILL
STATE: NC **ZIP:** 28227
SUBDIVISION NAME: PLANTATION FALLS
LOT #: 55 **LOT SIZE (acres):** .690
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: 3800
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: N/A
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 3 4 ____

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? _____ ☑ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? 12/29/2022 ☐ N/A

12. PROPERTY OWNER:

NAME: KOVALINSKIY DESIGN LLC
ADDRESS: 3900 HOODRIDGE LN
CITY: MINT HILL
STATE: NC ZIP: 28227
WORK PHONE: 7046412098
MOBILE PHONE: _____
FAX: _____
E-MAIL: VITALIY@KOVALINSKIYDESIGN.COM

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct 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 either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

VK (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.

_____ (Initial here for well applications)

16. 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.

Vitaliy Kovalinskiy
Property Owner's or Owner's Legal Representative Signature

12/13/22
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
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17

File #: _____

PROPOSED PLOT PLAN

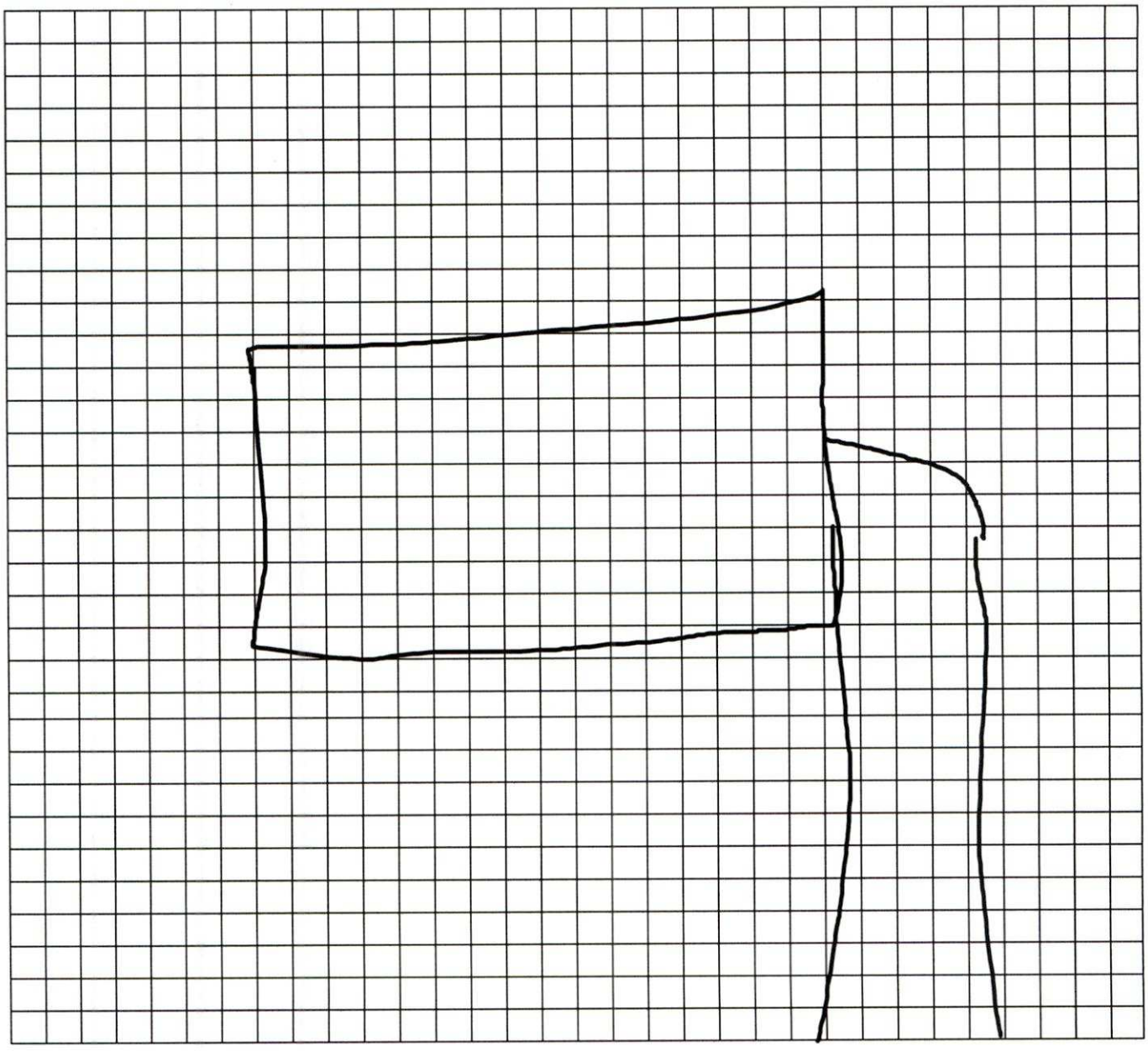
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 8316 ROLLING FIELDS RD

Tax Parcel #: 19722167

Subdivision Name: plantation falls

Lot #: 55

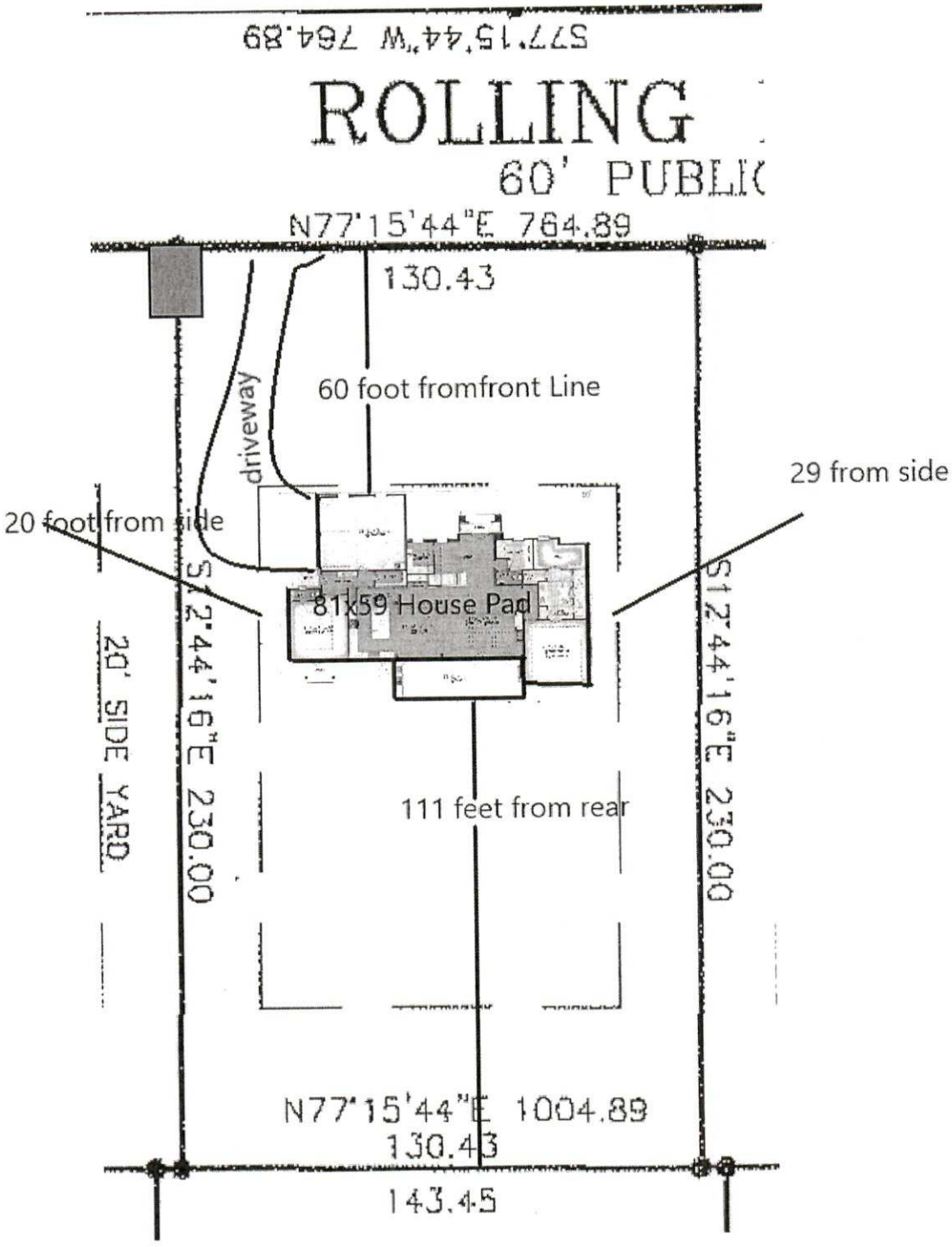


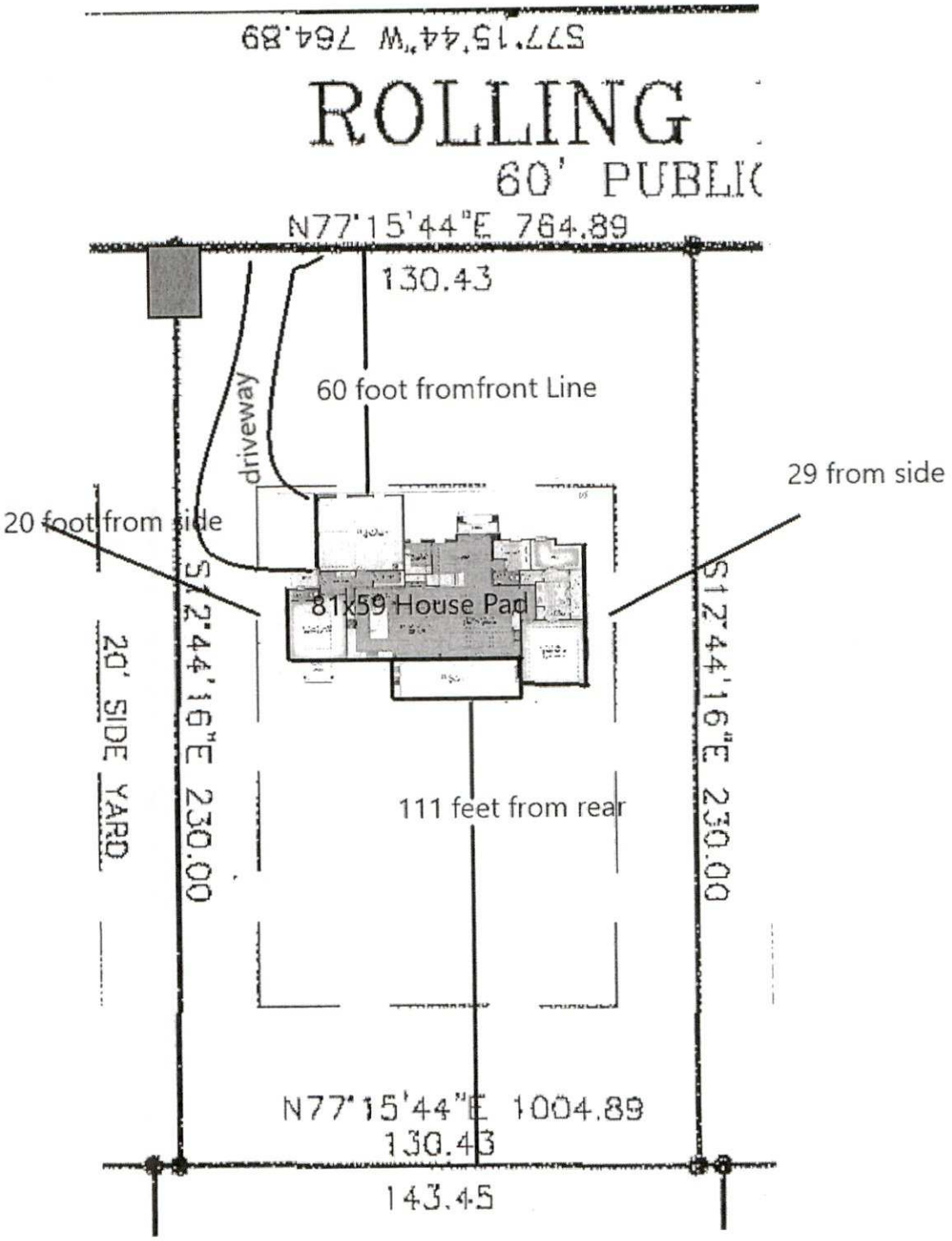
Property Owner's or Owner's Legal Representative Signature

12/15/2022
Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17


S77°15'44"W 764.89
ROLLING
60' PUBLIC
N77°15'44"E 764.89
130.43
60 foot fromfront Line
driveway
29 from side
20 foot from side
81x59 House Pad
S12°44'16"E 230.00
20' SIDE YARD
S12°44'16"E 230.00
111 feet from rear
N77°15'44"E 1004.89
130.43
143.45


S77°15'44"W 764.89
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143.45

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

Sheet: 1 of 2
Property ID: 197-221-67
Lot #: 55
File #: 8158B
AppID: 13593

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Kovalinskiy Design, LLC
Address: 3900 Hoodridge Ln, Mint Hill, NC 28227
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Location of Site: 8316 Rolling Fields Rd, 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: 1/5/2023
Property Size: 0.69 ac
Property Recorded: Unknown

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.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 Trench Low Side
Boring A	LS 4%	0 - 3	gr L	SS SP FR SEXP	>42"	37	NA	NA		PS IV 0.25	24"
		3 - 32	abk C	S P FI SEXP							
		32 - 37	abk CL	SS SP FR SEXP							
		37 - 42	Saprolite & Weathered Rock								
Boring B	LS 4%	0 - 4	gr L	SS SP FR SEXP	>41"	41	NA	NA	quartz gravel inclusions 32 - 41"	PS IV 0.25	28"
		4 - 15	sbk CL	SS SP FR SEXP							
		15 - 41	sbk/abk C	S P FI SEXP							
Boring C	LS 5%	0 - 14	sbk CL	SS SP FR SEXP	>46"	46	NA	NA		PS IV 0.275	32"
		14 - 34	sbk/abk C	S P FI SEXP							
		34 - 46	sbk SCL	SS SP FR SEXP							
Boring D	LS 6%	0 - 6	Fill	NA	>38"	38	NA	NA		PS IV 0.25	24"
		6 - 26	abk C	S P FI SEXP							
		26 - 38	abk CL	SS SP FR SEXP							
Boring E	LS 7%	0 - 6	sbk CL	SS SP FR SEXP	>39"	39	NA	NA		PS IV 0.275	24"
		6 - 28	sbk/abk C	S P FI SEXP							
		28 - 39	sbk CL	SS SP FR SEXP							

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIe	IIIe
Site LTAR (gpd/sq ft)	0.25	0.25

Other Factors (.1946):
Soil Evaluation By: Jacob Presley, LSS, REHS
Others Present:
Site Classification (.1948):
Site Evaluation By: BD
Others Present:

COMMENTS:

Sheet: 2 of 2
File #: 8158B
AppID: 13593

Landscape Position
R-Ridge
SS-Shoulder Slope
LS-Linear Slope
FS-Foot Slope
NS-Nose Slope
HS-Head Slope
CC-Concave Slope
CV-Convex Slope
T-Terrace
FP-Flood Plain
D-Drainage Way

Group	Texture	.1955 LTAR
I	S-Sand	1.2 - 0.8
	LS-Loamy Sand	
II	SL-Sandy Loam	0.8 - 0.6
	L-Loam	
III	Si-Silt	0.6 - 0.3
	SiCL-Silty Clay Loam	
	CL-Clay Loam	
	SCL-Sandy Clay Loam	
	SiL-Silt Loam	
IV	SC-Sandy Clay	0.4 - 0.1
	SiC-Silty Clay	
	C-Clay	

Structure
sg-Single Grain
mass-Massive
cr-Crumb
gr-Granular
sbk-Subangular Blocky
abk-Angular Blocky
pl-Platy
pr-Prismatic

Structure Prefixes
w-weak
m-moderate
s-strong
f-fine
m-medium
c-coarse

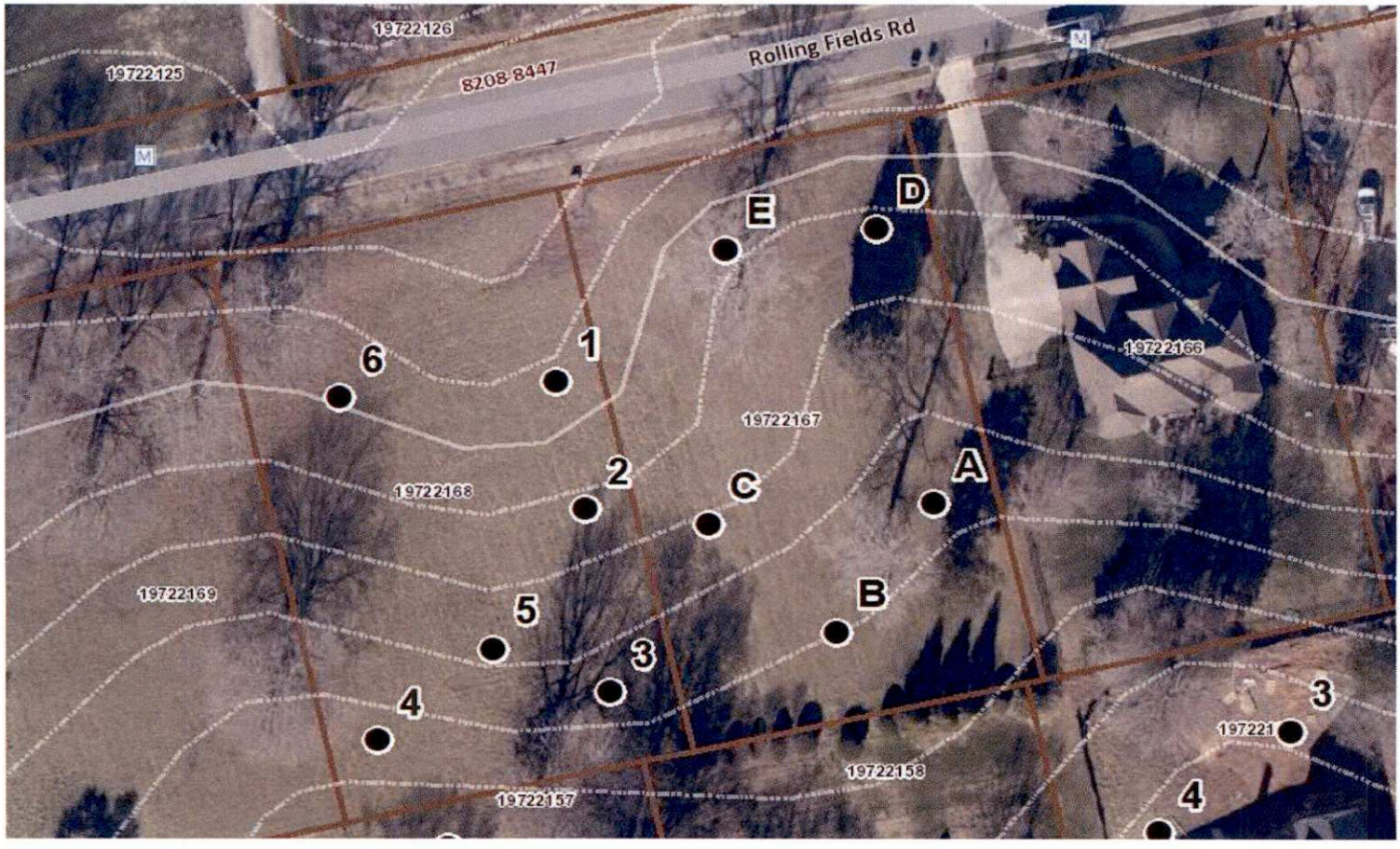
Consistence
Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence
Wet
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

Mineralogy
SEXP-Slightly Expansive
EXP-Expansive

Classification
US-Unsuitable
PS-Provisionally Suitable
S-Suitable
NA-Not Applicable

Sketch of Soil Evaluation Locations



8158B

DENR/DEH

ON-SITE WASTEWATER SECTION

8316 Rolling Fields Dr

Street:
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

1-5-23

OWNER:
ADDRESS:
PROPOSED FACILITY:
LOCATION OF SITE:
WATER SUPPLY: ▫ Private ▫ Public ▫ Well ▫ Spring ▫ Other
EVALUATION METHOD: ▫ Auger Boring ▫ Pit ▫ Cut

APPLICATION DATE:
DATE EVALUATED:
PROPERTY SIZE:
PROPERTY RECORDED:
TYPE OF WASTEWATER: ▫ Sewage ▫ Industrial Process ▫

PEDON	1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN)	SOIL MORPHOLOGY (.1940) 1941 STRUCTURE/ TEXTURE	1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS 1942 SOIL WETNESS/ COLOR	1943 SOIL DEPTH	1956 HAPRO CLASS	1944 RESTR. HORIZ	PROFILE CLASS (.1948)
A	LS	0-3	gr L						.25
B	4%	3-32	abk C						
		32-37	abk CL						
		37-42	Saprolite/WR						
B	LS	0-4	gr L		9 Chert gravel/ 32-41				.25
	9%	4-15	50% abk C						
		15-41	50% abk C	Fi					
C	LS	0-14	50% abk CL						.225
	5%	14-34	50% abk C	Fi					
		34-46	50% SCL						
D	LS	2-6	Fill						.25
	6%	6-26	abk C	Fi					
		26-38	abk CL						

E	DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
	Available Space (.1945)		
	System Type(s)		

0-6 50% CL
6-28 abk/50% C
28-34 abk C

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): .225

EVALUATED BY:
OTHER(S) PRESENT:

FEE: 200.00

DATE: 1/17/2024

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

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 8158B

PERMIT NUMBER: 30013539

PARCEL NUMBER: 19722167

JOB LOCATION INFORMATION

ADDRESS: 8316 ROLLING FIELDS RD

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

ISSUED TO: KOVALINSKIY DESIGN LLC

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 1/17/2024

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30013539, 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 Daugherty

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 #: **30013539** GWS File #: **8158B** Tax Parcel #: **197-221-67**

- 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):** 1/12/2028

Type of Installation: Residential - New System Lot Number: 55

Structure Type: HOUSE Size (ft^2): 3800 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Concrete Slab Water Supply: Municipal

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

Initial System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): .25 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 8 Absorption Area (ft^2): 960 Total Trench Length (ft): ~~480~~ 320

Maximum Trench Depth (in): 24 Depth of Media (in): 14 Distribution Device: Pressure Manifold

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

Repair System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): .25 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 8 Absorption Area (ft^2): 960 Total Trench Length (ft): 320

Maximum Trench Depth (in): 24 Depth of Media (in): 14 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: 1/12/2023

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 #: **30013539** GWS File #: **8158B**

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- 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 periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- This permit is issued pursuant to GS 130a-335(a2)/SL2022-11
- 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.

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Authorized Agent: Bryan Davenport

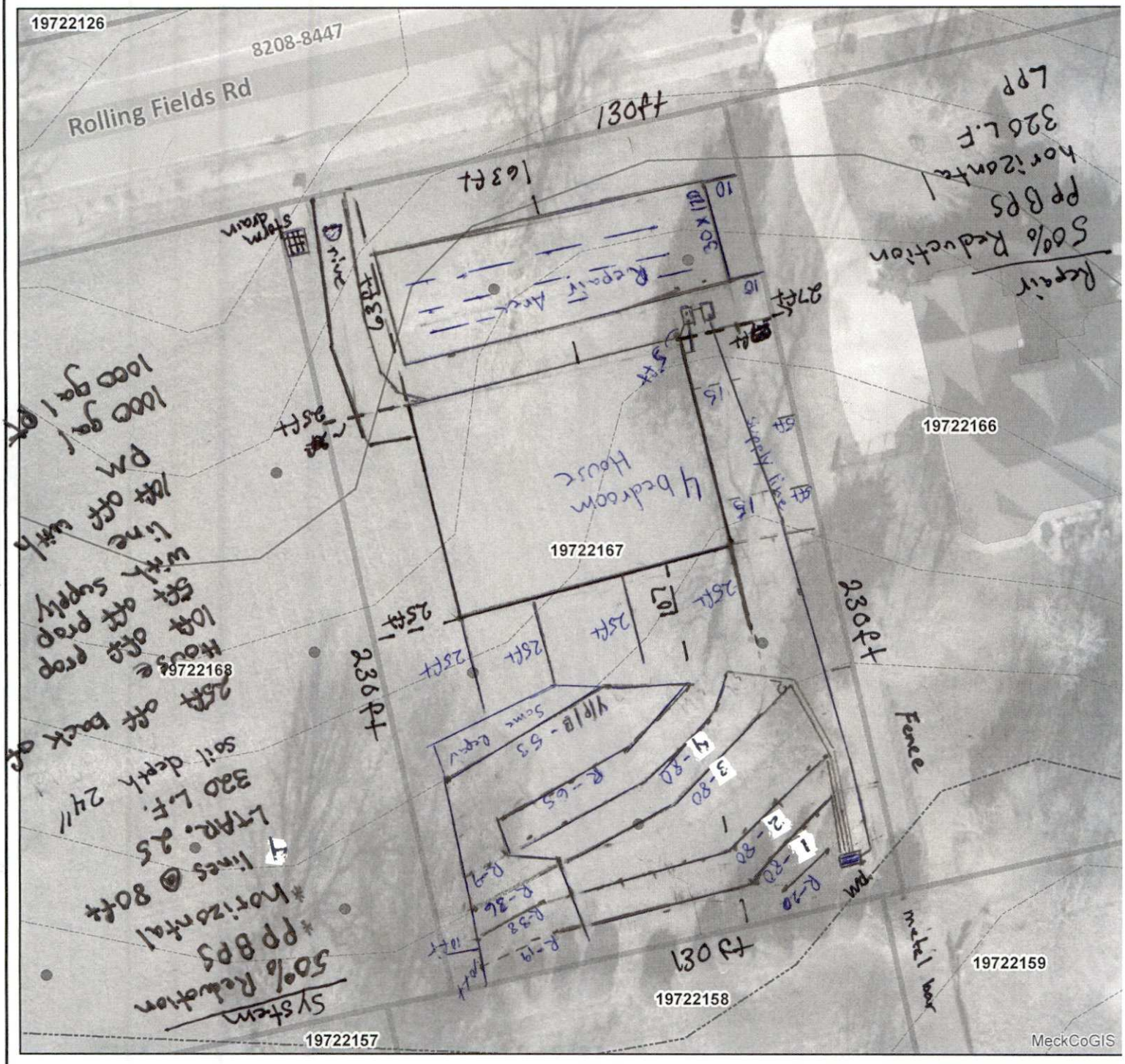
Signature: Bryan Davenport

Date Issued: 1/12/2023

Owner/Legal Agent: _____
Print Name

Signature: _____

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 197-221-67
PID #: 13593
File #: 8158B

Authorized Agent: Byron Davenport Date: 1/12/23

Owner/ Legal Agent: _____ Date: _____

1 inch = 40 fee

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 #: 30013539 GWS File #: 8158B Tax Parcel #: 197-221-67

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Trench Width (ft): 3 Trench Spacing (ft): 8 Absorption Area (ft^2): 960 Total Trench Length (ft): ~~480~~ 320

Maximum Trench Depth (in): 24 Depth of Media (in): 14 Distribution Device: Pressure Manifold

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

Repair System Specifications: Type text here

Design Flow (gpd): 480 LTAR (gpd/ft^2): .25 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 8 Absorption Area (ft^2): 960 Total Trench Length (ft): 320

Maximum Trench Depth (in): 24 Depth of Media (in): 14 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: VITALIY KOVALINSKIY

Signature: Bryan Davenport Print Name Signature: 1/17/2024

Date Issued: 1/12/2023

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 #: 30013539 GWS File #: 8158B

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- 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 periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- This permit is issued pursuant to GS 130a-335(a2)/SL2022-11
- 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

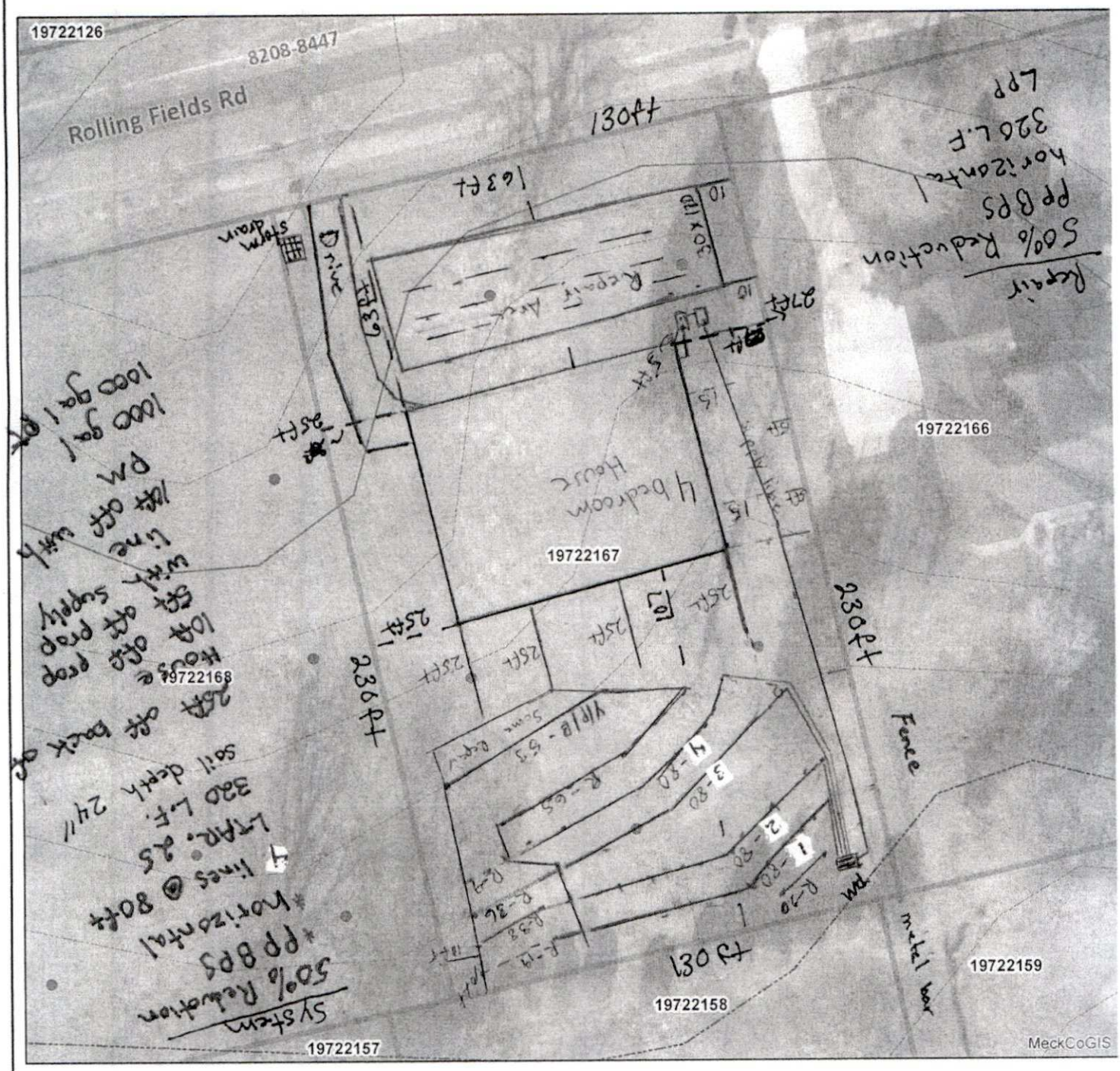
Signature: Bryan Davenport

Date Issued: 1/12/2023

Owner/Legal Agent: VITALIY KOVALINSKIY
Print Name

Signature: Vitaliy Kovalinskiy 1/17/2024

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 197-221-67
PID #: 13593
File #: 8158B

Authorized Agent: Bryan Davenport Date: 1/12/23

Owner/ Legal Agent: [signature] Date: 1/17/2024

1 inch = 40 fee

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 #: 8158B Permit #: 13593 Tax Parcel #: 197-221-67

Property Owner: Vitaliy Kovalinskiy

Job Location Address: 8316 Rolling Fields Rd

City: Mint Hill 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: IIIb - pump to HPPBPS

*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:

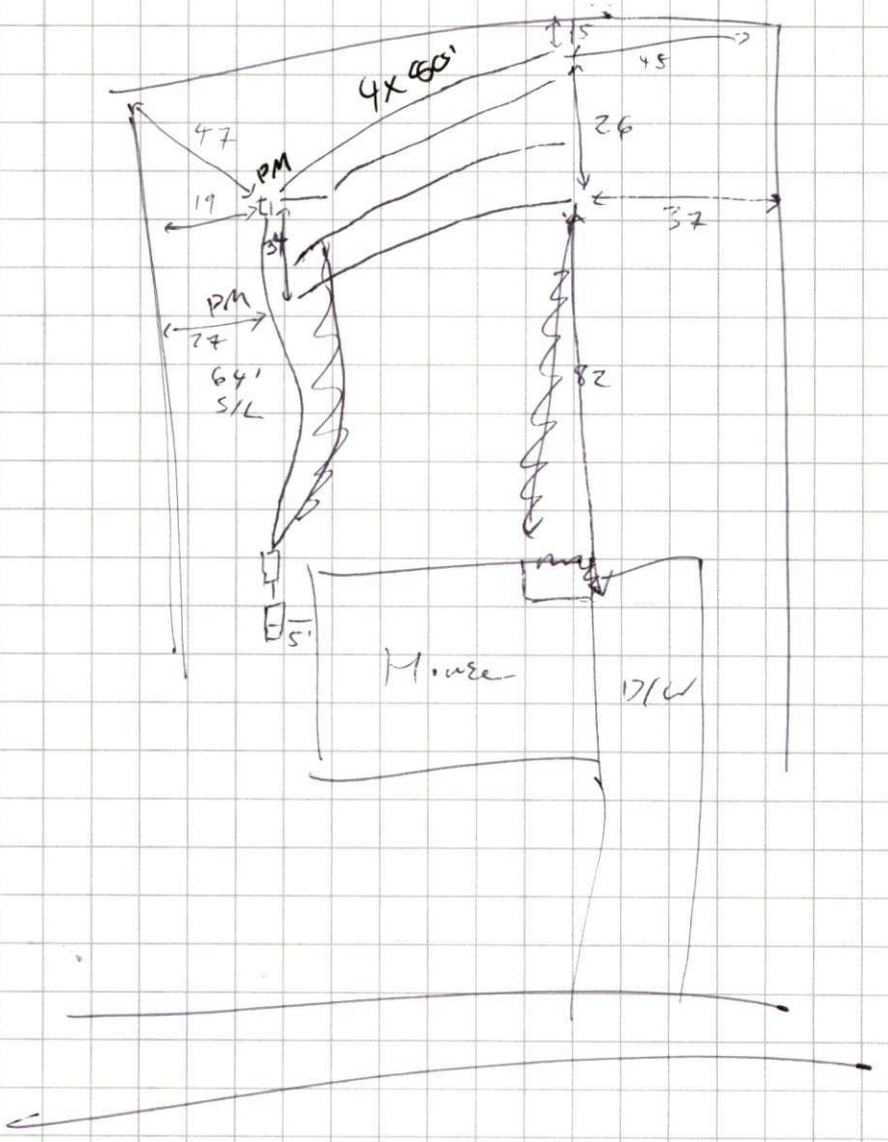
DENR Authorized Agent: Troy Kisling Date: 9/6/24

Signature: Troy Kisling

Shoot
STB-760

Shoot
PT-363

Light 760



print-graph-paper.com

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 #: 815813 Permit #: 13593 Tax Parcel #: 197-221-67

Property Owner: Vitaliy Kovalinskiy

Job Location Address: 8316 Rolling Fields Rd

City: Mint Hill State: NC Zip Code: 28227

Operation Permit Issuance Date: 9/6/24 Contractor Name: Stevens Septic

Permitted Design Flow: 460 GPD Liquid Capacity of Dosing Tank: 1000 gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture Shoaf Effluent Pump Model: Liberty 280

Drainfield Installation ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 8 feet (O.C.)

Total line length: 320 feet

# of Lines: 4 @ 80 feet

Depth of Media: 14 inches (Type) HPPBPS

Depth of Cover: >6 inches

Distribution Device: Pressure manifold

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: _____

Water Supply Source

☑ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 710 feet

Distance from Water Supply Source: 710 feet

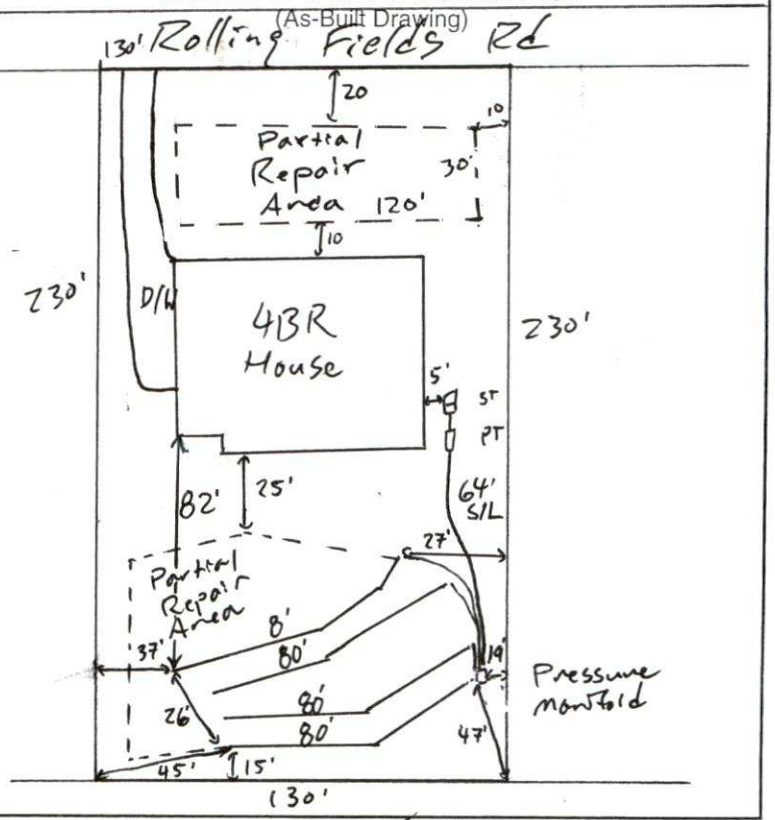
Inspection Dates

Tank(s) Inspected: 9/5/24

Excavation Inspected: 9/5/24

Pump & Controls Inspected: 9/5/24

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



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 b/- pump to HPPBPS/P. Manifold/NA/NA

DENR Authorized Agent: Troy Kling Signature: Troy

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/15/22	**Amount:**	250.00
Receipt #:	138967	**Tendered:**	250.00
Check / Auth #:	VISA 05061G	**Returned:**	0.00
Received By:	PLACILJ		

Account Information

Account #: 200000
Contractor: INNA KOVALINSKIY
Attn: KOVALINSKI YDESIGN
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 8316 ROLLING FIELDS RD		1	250.00	250.00

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

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	01/12/24	**Amount:**	200.00
Receipt #:	145974	**Tendered:**	200.00
Check / Auth #:	VISA 00377G	**Returned:**	0.00
Received By:	ORTIZMP		

Account Information

Account #: 200000
Contractor: KOVALINSKIY DESIGN LLC
Attn: VITALIY
Address: 3900 HOODRIDGE LN
Address:
City/State/Zip: MINT HILL, NC 28227

Item	Description	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 8316 ROLLING FIELDS RD	1	200.00	200.00

Permit#

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
1,200.00				555.00	

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	01/12/24	**Amount:**	200.00
Receipt #:	145976	**Tendered:**	200.00
Check / Auth #:	VISA 00377G	**Returned:**	0.00
Received By:	ORTIZMP		

Account Information

Account #: 200000
Contractor: KOVALINSKIY DESIGN LLC
Attn: VITALIY
Address: 3900 HOODRIDGE LN
Address:
City/State/Zip: MINT HILL, NC 28227

Item	Description	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 8316 ROLLING FIELDS RD	1	200.00	200.00

Permit#

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
1,200.00				555.00	

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

GWS File #:	8158B
WASPS App #:	13539
Primary ES assigned to project:	Bryan Davenport
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?	Yes
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?	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown?	Yes
Improvement Permit/Construction Authorization:	Yes



Groundwater & Wastewater Services: Septic Project File & D

130A-336(a) - Facility/appurtenance setbacks shown from fixed points?

Corrections/modifications needed?	No
Comments:	
IA issued date:	1/12/2023
OP Issued date:	
Review performed by:	April Bumgarner
Date performed:	1/17/2023

Created at 1/18/2023 8:58 AM by Bumgarner, April
Last modified at 1/18/2023 8:58 AM by Bumgarner, April

Close