#13466

SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

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

Please send for signatures.
Ok to "Approve As Noted" once the permit is signed.

New Septic Fees Paid

IP ($250.00) MR/11-7-2022 Initial/Date

CA ($200.00) 12/8/22 SM Initial/Date

OP ($200.00) 12/8/22 SM 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 After permit is signed.

Floor plans need to be submitted and reviewed before CA can be issued ☒ Review ☒ 12/19/22

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

Septic file complete ☒ 4/5/23 Well complete ☐ _____

Send permit for signature ☒ Signature received ☑ 12/20/22

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

Certified operator contract is on file ☐ _____

11532B/13466

7 NOV '22 AM10:37

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: 01924257
STREET ADDRESS: 15327 MAC WOOD RD
CITY: HUNTERSVILLE
STATE: NC ZIP: 28078
SUBDIVISION NAME: NONE
LOT #: _____ LOT SIZE (acres): 2.93
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: 277
NUMBER OF BEDROOMS: 1
NUMBER OF OCCUPANTS: 2
FOUNDATION TYPE:

○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
○ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING
Footing + post FRAME

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 ____ ____ ____ ____

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?** _____ ☒ N/A

12. **PROPERTY OWNER:**

NAME: ZACHARY JAKUS
ADDRESS: 15331 MAC WOOD RD
CITY: HUNTERSVILLE
STATE: NC ZIP: 28078
WORK PHONE: _____
MOBILE PHONE: 517-303-4872
FAX: _____
E-MAIL: CHRISFAIVORHOMES@GMAIL.COM
P2P.Properties10@gmail.com

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**

**Owner's Authorization form is required if legal representative is submitting application*

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

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

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.

JS (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.

JS (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.

Property Owner's or Owner's Legal Representative Signature

11/05/2022
Date

OFFICE USE ONLY

O SURVEY PLAT TO SCALE SUBMITTED O SCALED SITE PLAN SUBMITTED O 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

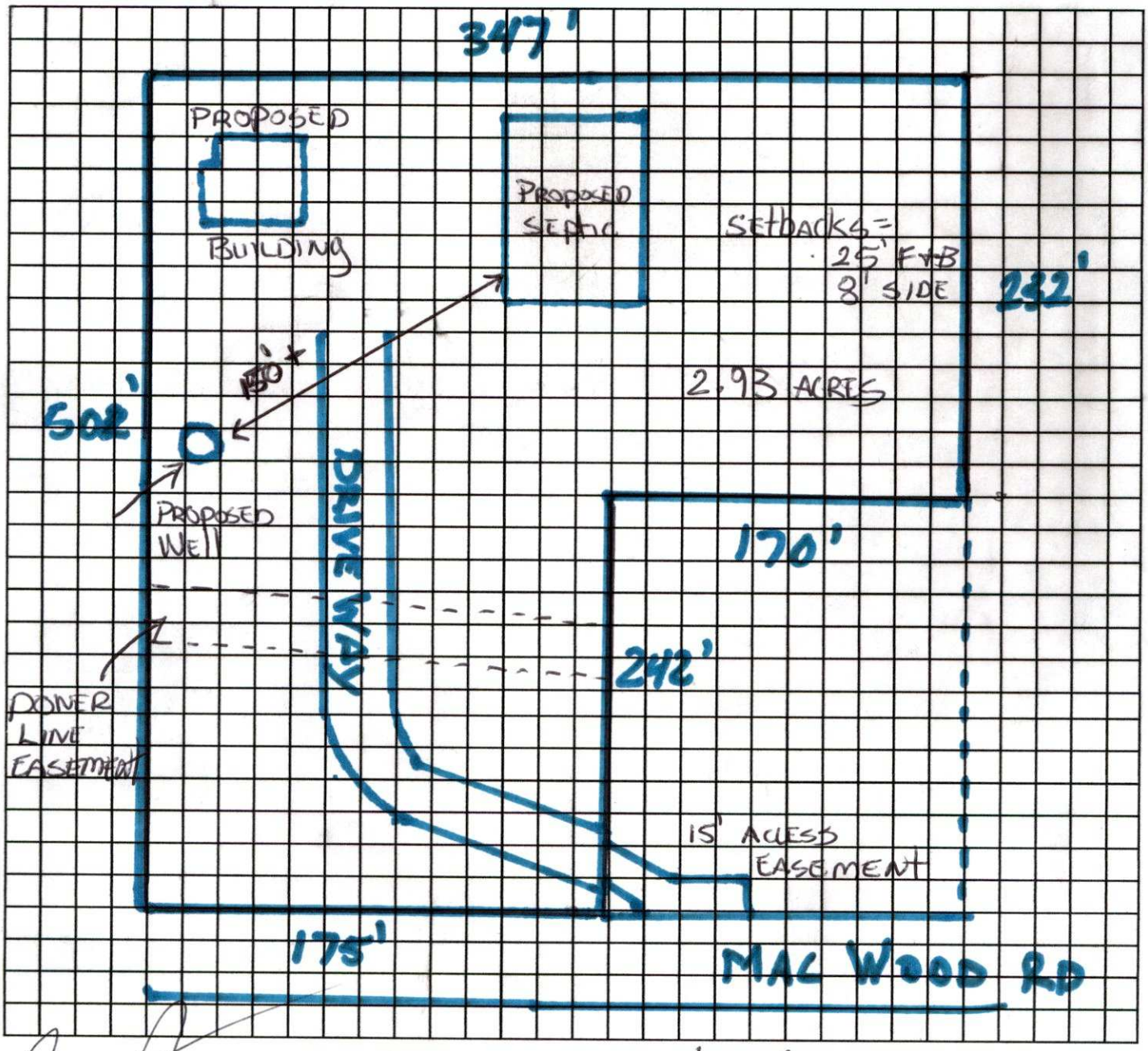
File #: _____

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: 15327 MAC WOOD RD Tax Parcel #: 01924257

Subdivision Name: N/A Lot #: N/A B



Property Owner's or Owner's Legal Representative Signature

11/05/2022
Date

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

MAP BOOK 70 PAGE 278

2022082984

LEGEND

- △ PK NAIL FOUND
- ▲ PK NAIL SET
- ■ CONCRETE MONUMENT SET
- ● #4 REBAR SET
- • # REBAR FOUND
- POINT NOT SET
- 1" IRON PIPE FOUND
- Boundary not surveyed
- Tie Line (Not to Scale)
- Right of Way

LINE TABLE

Id	Bearing	Distance
L1	S 39°28'55" E	79.84'
L2	S 35°10'14" E	65.57'
L3	N 36°21'30" W	15.00'
L4	N 39°43'13" W	28.62'
L5	S 39°43'13" E	41.38'
L6	S 54°33'07" W	15.61'
L7	S 54°33'07" W	15.00'
L8	S 17°45'02" E	41.51'
L9	S 38°34'11" E	45.09'
L10	S 53°38'30" W	15.00'
L11	S 18°33'25" E	43.13'

NOTE: THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE REPORT. ALL MATTERS OF RECORD EFFECTING THE PROPERTY MAY NOT BE SHOWN.

REVIEW OFFICER BLOCK

I Kayleigh Mielenz
REVIEW OFFICER OF MECKLENBURG COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATIO IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

Kayleigh Mielenz
REVIEW OFFICER

05/31/2022
DATE



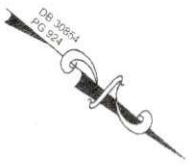
VICINITY MAP
NOT TO SCALE

The purpose of this survey is to subdivide the original approx 4 acre parcel into two parcels. This plat does not supersede any other plat, this being the first plat.

NOTES:
1. Iron pins at all property corners, unless otherwise noted.
2. The purpose of the final plat is to indicate the enforcable restrictions on property usage that run with the land to ensure that future development and redevelopment maintains the site in compliance with ordinance requirements. The restrictions on this recorded final plat shall be shown on any survey of any of the properties within the plat. Property owners have record notice of these restrictions and shall maintain the site in compliance with Ordinance requirements. It is recommended that real estate professionals (surveyors, title company representatives, real estate agents, closing attorneys) make property owners or purchasers aware of these restrictions at or prior to closing.
3. This property may be subject to any easements and/or right-of-ways.
4. All garages will meet the requirements of Article 8.16 in the Town of Huntersville Zoning Ordinance.
5. Areas is computed by the coordinate computation.
6. No grid monuments found within 2000'.
7. ~~One percent of the lot area but not less than 150 square feet impervious area per lot has been reserved for the addition of future impervious area by the homeowner/occupant.~~
8. zoned R. setbacks: Front yard setback = 25', rear yard setback = 25' sideyard setback = 8'.
9. No grid monument found within 2000' of the subject property.
10. This property may be subject to any easements and/or right of way.
11. The subject property is located within Huntersville pc district.
12. The subject property is locatd ithin the clark watershed.
13. The subject property is not located within a special flood hazard area per fema panel #3704784661 00k dated 11/16/2018.

NOTE: EXISTING IMPERVIOUS SURFACE LOT A = 4960.11 SQ. FT.
NOTE: EXISTING IMPERVIOUS SURFACE LOT B = 284.36 SQ. FT.
NOTE: THIS SURVEY DOES NOT INDICATE OR DETERMINE IF LOT B CAN BE SERVED BY SEPTIC.

NOTE: THE POST CONSTRUCTION STORM WATER ORDINANCE MAY APPLY. CONTACT THE STORM WATER ADMINISTRATOR FOR MECKLENBURG COUNTY.
NOTE: THE CITY OF HUNTERSVILLE EROSION CONTROL ORDINANCE MAY APPLY. CONTACT THE CITY OF HUNTERSVILLE BEFORE DEVELOPMENT.



I, Joseph C. Roberts certify that the survey is of another category, such as the recombination of existing parcels, a court ordered survey or other exception of the definition of subdivision.

Joseph C Roberts
Surveyor

May 25th, 2022
Date



OWNER CERTIFICATION

I hereby certify that I am the owner of the property shown and described hereon and that I hereby adopt this plan of subdivision with my free consent, and dedicate all streets, alleys, walks, parks, and other sites and easements to public or private use as noted. Furthermore, I dedicate all sewer lines and all water lines to the Charlotte-Mecklenburg Utility Department if applicable.

Owner(s)
5-27-22
Date

Owner
9-27-22
Date

EXEMPT SUBDIVISION/RECOMBINATION PLAT

THIS PLAT REPRESENTS A DIVISION OF PROPERTY WITHIN THE JURISDICTION OF THE TOWN OF HUNTERSVILLE THAT MAY OR MAY NOT RESULT IN THE CREATION OF TRACTS OF LAND THAT ARE COMPLIANT WITH THE STANDARDS OF THE ZONING AND SUBDIVISION ORDINANCE. IT IS NOT SUBJECT TO THE PROVISIONS OF THE HUNTERSVILLE SUBDIVISION ORDINANCE AND DOES NOT REQUIRE THE APPROVAL OF THE HUNTERSVILLE BOARD OF COMMISSIONERS. HOWEVER ANY FURTHER SUBDIVISION OF THIS PROPERTY MAY BE SUBJECT TO THESE PROVISIONS.

TOWN OF HUNTERSVILLE

Kayleigh Mielenz
Town Planner

05/31/2022
Date

FILED FOR REGISTRATION
JUN 01 2022
AT 1:36 PM
FREDRICK SMITH
MECKLENBURG COUNTY, N.C.
REGISTER OF DEEDS

CERTIFIED TO BE TRUE AND CORRECT COPY OF THE ORIGINAL MAP RECORDED IN
BOOK 70 PAGE 278
DATE: June 1, 2022
FREDRICK SMITH, REGISTER OF DEEDS
By: J Ray Deputy DEPUTY

FREDRICK SMITH
REGISTER OF DEEDS
MECKLENBURG COUNTY

I, Joseph C Roberts, certify that this plat was drawn under my supervision from an actual survey made under my supervision(deed description recorded in Book 37037 Page 148) that the boundaries not surveyed are clearly indicated as drawn from information found in Book 5584 Page 926 that the ratio of precision as calculated is 1 / 10 000 that this plat was prepared in accordance with G.S. 47-30d as amended. Witness my original signature, registration number and seal this 25th day of May AD, 2022

Seal or Stamp

Joseph C Roberts
Surveyor

License Number L-3580

NORTH CAROLINA PROFESSIONAL SEAL L-3580 LAND SURVEYOR JOSEPH C. ROBERTS

SCALE 1" = 100' DATE OF SURVEY: 1/15/2022

100 75 50 25 0 100 200 300 400

MAC WOOD ESTATES

CREATING LOT A & LOT B
(EXCEPTION TO SUBDIVISION ORDINANCE)
FOR
CHRISTOPHER FAIVOR

NOTE: EXCEPTION TO SUBDIVISION ORDINANCE BY BONA-FIDE GIFT

OWNERS: JENNIFER ANN FAIVOR- JAKUS
& ZACHARY JOHN JAKUS
DEED BOOK 37037 PAGE 148
LOCATION: CITY OF HUNTERSVILLE, N.C.

TAX PARCEL # 019 242 21
15331 MAC WOOD RD
HUNTERSVILLE, N.C.

Joseph C. Roberts Land Surveying PLLC
P-2323
424 Leland st. Charlotte, N.C. 28214
(704) 996-1120
jrobertsplls@gmail.com

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	11/07/22	**Amount:**	250.00
Receipt #:	138361	**Tendered:**	250.00
Check / Auth #:	CHECK 250	**Returned:**	0.00
Received By:	RAMSEMA		

Account Information

Account #: 200000
Contractor: FAIVOR CHRIS
Attn:
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 15327 MAC WOOD RD		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: 019-242-57
Lot #: NA
File #: 11532B
AppID: 13466

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Zachary Jakus
Applicant: Chris Faivor
Address: 15331 Mac Wood Road, Huntersville, NC 28078
Date Evaluated: 12/02/22
Proposed Facility: 2BR Home
Design Flow (.1949): ¢240
Property Size: 2.93 ac
Location of Site: 15327 Mac Wood Road, Huntersville, NC 28078
Property Recorded: unknown
Water Supply: [ ] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

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 Conventional Trench
Boring #1	LS 1%	0-18	wfsbk CL	SS SP FR SEXP	>48"	48	NA	PS		PS IV 0.3	30"
		18-48	mmsbk C	S P FR SEXP							
Boring #2	LS 1%	0 - 24	wfsbk CL	SS SP FR SEXP	>48"	48	NA	PS		PS IV 0.3	30"
		24-48	mmsbk C	S P FR SEXP							
Boring #3	LS 2%	0 - 24	wfsbk CL	SS SP FR SEXP	>48"	48	NA	PS		PS IV 0.3	30"
		24-48	wfsbk CL	SS SP FR SEXP							

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

Other Factors (.1946):
Soil Evaluation By: Kim Garrett, REHS
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Kim Garrett, REHS
Others Present:

COMMENTS: Pits are needed for saprolite evaluation if trench bottom exceeds 24".

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
Sap-Saprolite

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

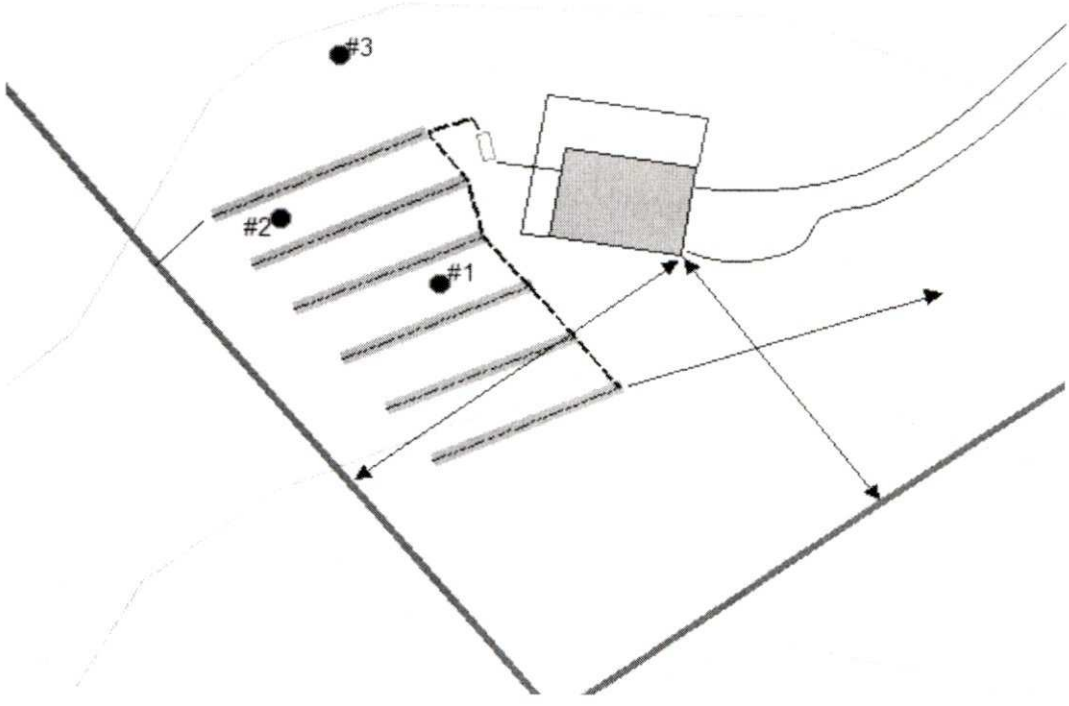
Mineralogy

SEXP-Slightly Expansive
EXP-Expansive

Classification

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

Sketch of Soil Evaluation Locations



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

NC DEHNR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: 30013466 GWS File #: 11532B Tax Parcel #: 019-242-57

- 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):** 12/16/2027

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

Structure Type: HOUSE Size (ft^2): 277 # Bedrooms: 2 Max. Occup.: 4

Building Foundation: Water Supply: Private Well

II. Initial System Type: Accepted **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd): 240 LTAR (gpd/ft^2): .3 Septic Tank Size (gal): 1000 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 600 Total Trench Length (ft): 200

Maximum Trench Depth (in): 30 Depth of Media (in): 12 Distribution Device: Distribution Box

III. Repair System Type: Accepted **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd): 240 LTAR (gpd/ft^2): .0.3 Septic Tank Size (gal): 1000 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 600 Total Trench Length (ft): 200

Maximum Trench Depth (in): 30 Depth of Media (in): 12 Distribution Device: Distribution Box

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: Kim Garrett Owner/Legal Agent: CHRIS FAIVOR
print name

Signature: Kim Garrett, REHS Signature:

Date Issued: 12/16/2022

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-4904

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

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

Permit # 30013466 GWS File # 11532B

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- 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.
- The invert of the sewer pipe exiting the structure should be kept as high as possible in order to achieve gravity flow to the drain field. A dosing tank will be required if gravity flow to the drain field can not be achieved.

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: Kim Garrett

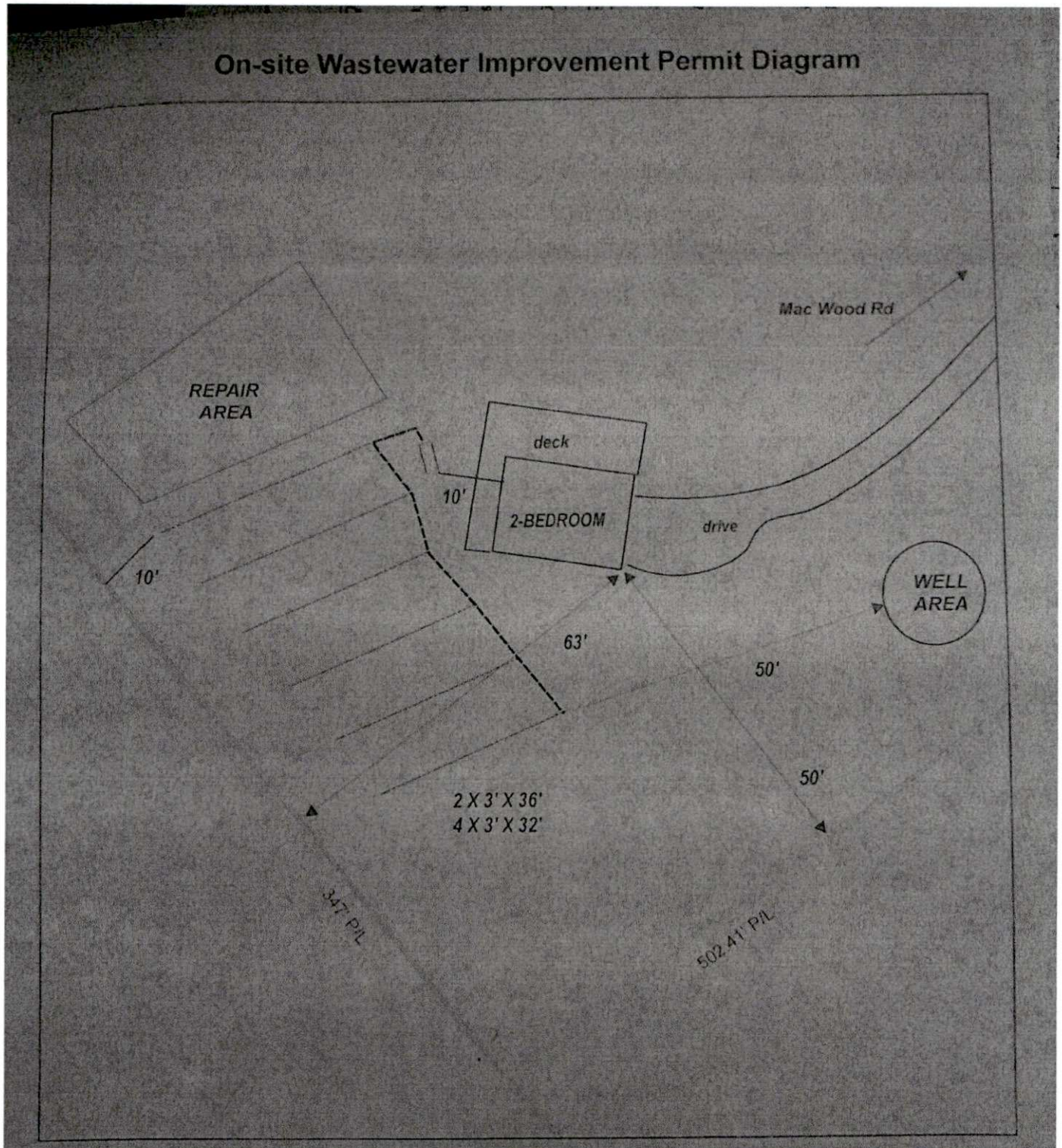
Signature: Kim Garrett, REHS

Date Issued: 12/16/2022

Owner/Legal Agent: CHRIS FAIVOR
Print Name

Signature: Chris Faivor

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health Program
Improvement Permit # 30013466
15327 Mac Wood Road
PID# 019-242-57
Zachary & Jennifer Jakus
Date permitted12/16/22

Authorized Agent: Kim Sinnett, REHS

Date: 12/16/22

Owner/Legal Agent: [signature]

Date: 12/20/22

1 inch = 20 feet

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 #: **30013466** GWS File #: **11532B** Tax Parcel #: **019-242-57**

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- 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):** 12/16/2027

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

Structure Type: HOUSE Size (ft^2): 277 # Bedrooms: 2 Max. Occup.: 4

Building Foundation: Water Supply: Private Well

II. Initial System Type: Accepted **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	240	LTAR (gpd/ft^2):	.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	600	Total Trench Length (ft):	200
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: Accepted **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd):	240	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	600	Total Trench Length (ft):	200
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Distribution Box		

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: Kim Garrett Owner/Legal Agent: _____
Print Name

Signature: Kim Garrett, REHS Signature: _____

Date Issued: 12/16/2022

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 #: **30013466** GWS File #: **11532B**

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- 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.
- The invert of the sewer pipe exiting the structrue should be kept as high as possible in order to achieve gravity flow to the drain field. A dosing tank will be required if gravity flow to the drain field can not be achieved.

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: Kim Garrett

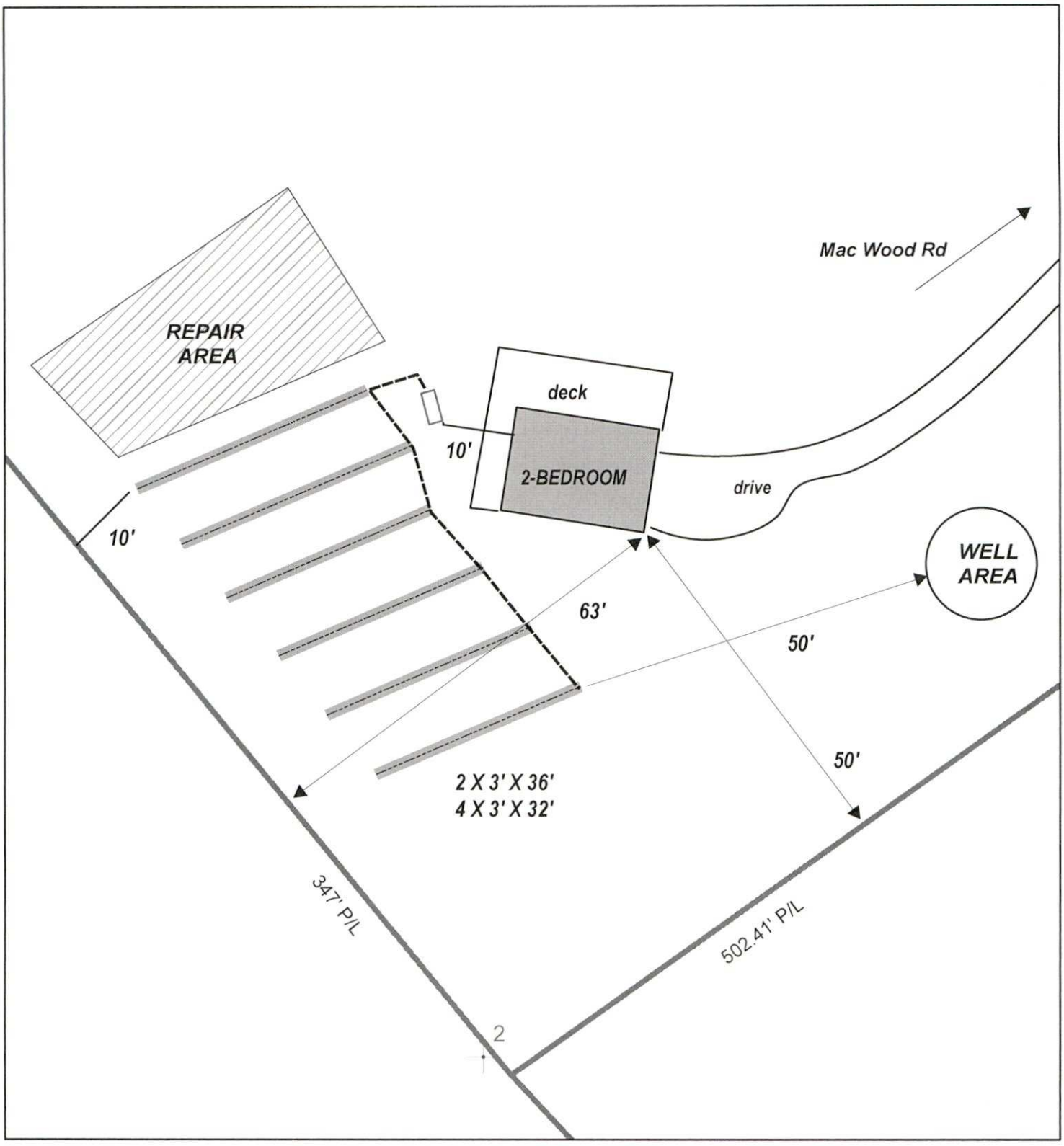
Signature: Kim Kenneth Retts

Date Issued: 12/16/2022

Owner/Legal Agent: _____
Print Name

Signature: _____

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health Program
Improvement Permit # 30013466
15327 Mac Wood Road
PID# 019-242-57
Zachary & Jennifer Jakus
Date permitted12/16/22

Authorized Agent: Kim Gimett, REHS

Date: 12/16/22

Owner/Legal Agent: _____

Date: _____

1 inch = 20 feet

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/08/22	**Amount:**	200.00
Receipt #:	138827	**Tendered:**	200.00
Check / Auth #:	VISA 094621	**Returned:**	0.00
Received By:	MOORES		

Account Information

Account #: 200000
Contractor: CHRIS SAVOR
Attn: SEPTIC CONSTRUCTION
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat ~~15331~~ MAC WOOD RD 15327		1	200.00	200.00

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:	12/08/22	**Amount:**	200.00
Receipt #:	138829	**Tendered:**	200.00
Check / Auth #:	VISA 094621	**Returned:**	0.00
Received By:	MOORES		

Account Information

Account #: 200000
Contractor: CHRIS SAVOR
Attn: SEPTIC OPERATIONAL
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit ~~15331~~ MAC WOOD RD 15327		1	200.00	200.00

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

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

FEE: 200.00

DATE: 12/20/2022

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

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 11532B

PERMIT NUMBER: 30013466

PARCEL NUMBER: 01924257

JOB LOCATION INFORMATION

ADDRESS: 15327 MAC WOOD RD

CITY: HUNTERSVILLE **STATE: NC** **ZIP:** 28078

ISSUED TO: ZACHARY JAKUS

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 12/20/2022

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30013466, 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 Kim Garrett

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 # 115328 App# 13466 Tax Parcel# 3601 3466

Property Owner: Zach & Jen Jakus

Job Location Address: 15327 Mac Wood R

City: Huntersville State: NC Zip Code: 28078

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: _____

*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.**

Authorized Agent

3-14-23
Date

Shane Cashion
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 #: 11532B Permit #: 13466 Tax Parcel #: 30013466

Property Owner: Zachery & Jennifer Jakus

Job Location Address: 15327 Mac Wood Rd

City: Huntersville State: NC Zip Code: 28078

Operation Permit Issuance Date: 3-14-23 Contractor Name: Shane Cashion

Permitted Design Flow: 200 GPD Liquid Capacity of Dosing Tank: Na gallons

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

Drainfield Installation ☐ N/A

Trench Depth: 30" inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 200' feet 50, 42,38, 22,22,26

# of Lines: 6 @ Varying feet

Depth of Media: 12 inches (Type) CHM 36

Depth of Cover: 6+ inches

Distribution Device: End Cap to End Cap

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: 10 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 50 feet

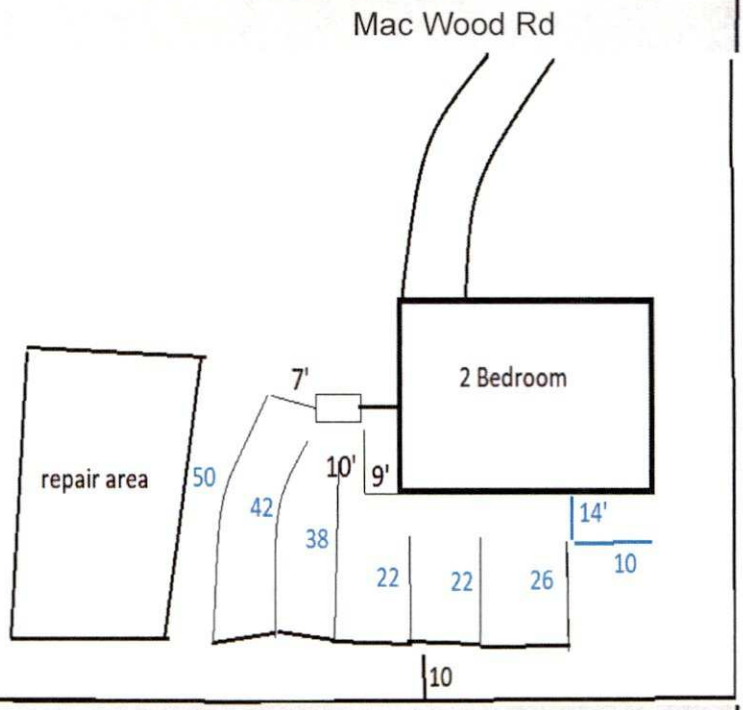
Inspection Dates

Tank(s) Inspected: 3/14/23

Excavation Inspected: 3/14/23

Pump & Controls Inspected: _____

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: IIIb/CHM36/g/Na/NA gravity

DENR Authorized Agent: Heather RAy Signature: Heather Ray

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 #: 11532B Permit #: 30013466 Tax Parcel #: 01924257

Property Owner: Zachary Jakus & Jennifer Favior-Jakus

Job Location Address: 15327 Mac Wood Rd

City: Huntersville State: NC Zip Code: 28078

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:

DENR Authorized Agent: Heather Ray Date: 3/14/23

Signature: Heather Ray