**SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST**

☐ **NEW SEPTIC** ☐ **REPAIR** ☐ **USE EXISTING** ☐ **MODIFIED PLOT PLAN** ☑ **ALTERATION**

☐ **A2** ☐ **EOP/AOWE**

| File #: 46053A Accela Project #: SP26-088 | Assigned inspector: Brandon |
|---|---|
| ☐ IP $250.00: | **EOP/AOWE** |
| ☐ IP Commercial $450.00: | ☐ $35 Fee Paid |
| ☐ CA & OP $400.00: | **A2** |
| ☑ Alteration $300: | ☐ IP/CA COMBO $180: |
| ☐ Modified Plot Plan $100.00: | ☐ IP/CA COMBO OP $200: |
| ☐ Use Existing $100.00: | ☐ IP ONLY $250: |
| ☐ Use Existing Approved ☐ Use Existing Denied | ☐ CA & OP $400: |
| | ☐ A2 IP/CA Modified Plot Plan $40: |
| | ☐ A2 Alteration $120: |
| | ☐ IP/CA COMBO Commercial $260: |
| | ☐ IP/CA COMBO Commercial OP $200: |
| ☒ Send IP permit for signature: MW 10/22/26 | ☐ Signature received: |
| ☒ Release Permit Hold & Add Occupancy Hold: Hasn't applied for Bldg Permit yet. MW 10/24/26 | ☐ This septic system requires a certified operation contract before final hold is released |
| ☐ Certified operator contract is on file | ☐ Septic file complete: |
| ☐ Release final hold in Accela: | ☐ Scanned To OnBase: |

**Comments:** 2 Bedroom Addition - Alteration

MECKLENBURG COUNTY
North Carolina
Public Health

# Mecklenburg County Public Health

Kimberly Scott, DrPH, MPH
Health Director

File Number:
Permit Number: SP26-088
Expiration Date: 10/21/2031

## IMPROVEMENT PERMIT

Parcel Number: 21701314

Owner: PETOSA JOSEPH Applicant: Julie Petosa

Property Location: 14816 LONESOME OAK CR , MECKLENBURG, NC 28278

Subdivision (If applicatble): Lot #: Block: Section:

New ☐ Alteration ☑ Modified Plot Plan ☐ Repair ☐

Faciltiy Type: residence

Number of bedrooms: 4 → (6) Number of occupants: 4 Other: Residential

Design Wastewater Strength: ☑ Domestic Sewage ☐ High Strength ☐ Industrial Wastewater

Proposed Design Daily Flow: 240 GPD Proposed LTAR (Initial) 0.3 Proposed LTAR (Repair) 0.3

Proposed Wastewater System Type*: Accepted Adding 2 Bedrooms (Initial) Pump Required: ☐ Yes ☒ No ☐ May be required

Proposed Wastewater System Type*: PPBPS-H (pressurized) (Repair) Pump Required: ☒ Yes ☐ No ☑ May be required

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

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

Saprolite System (Initial): ☐ Yes ☒ No Saprolite System (Repair): ☐ Yes ☒ No

Max. Trench Depth (Initial): 32 Max. Trench Depth (Repair): 32 **‡ Measured on the downhill side of the trench**

Artificial Drainage Required: ☐ Yes ☒ No

Type of Water Supply: ☑ Private Well ☐ Public Well ☐ Shared Well ☐ Municipal ☐ Other

Drainfield location meets requirements of Rule .0508: ☑ Yes

Permit Valid For: ☑ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

***See attached site sketch***

**The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. *This permit is subject to revocation if the site plan, plat, or the intended use changes.* The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of 15A NCAC 18E and to the conditions of this permit.**

Permit Conditions:
Alteration bumping up system from a four bedroom to a 6 bedroom.
adding 3-70 ft lines equaling 210 feet. In total the system will have 710 feet of line.

Authorized Agent's Printed Name: Braedon Shelton Expiration Date: 10/21/2031

Authorized Agent's Signature: Braedon Shelton Date: 10/21/2026

MECKLENBURG COUNTY
North Carolina
Public Health

# Mecklenburg County Public Health

Kimberly Scott, DrPH, MPH
Health Director

File Number:

Expiration Date: 10/21/2031

Permit Number: SP26-088

## CONSTRUCTION AUTHORIZATION

Parcel Number: 21701314

Owner: PETOSA JOSEPH Applicant: Julie Petosa

Property Location: 14816 LONESOME OAK CR , MECKLENBURG, NC 28278

Faciltiy Type: residence

Number of bedrooms: 4 → 6 Number of occupants: 4 Other:

* Adding 2 Bedrooms
4 → (6) Bedroom

☐ New ☑ Alteration ☐ Modified Plot Plan ☐ Repair

Basement? ☑ Yes ☐ No Basement Fixtures? ☑ Yes ☐ No

Crawl Space? ☐ Yes ☑ No Slab Foundation? ☐ Yes ☑ No

Type of Wastewater System*: Accepted (Initial) PPBPS-H (pressurized) (Repair)

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Design Daily Flow: 240 GPD Wastewater Strength: ☑ Domestic ☐ High Strength ☐ Industrial Process Wastewater

*Rule .0403(e) Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies (S.L. 2013-413 and 2014-120)? ☐ Yes ☐ No (if yes, please provide engineering documentation)*

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

Type of Water Supply: ☑ Private Well ☐ Public Well ☐ Shared Well ☐ Municipal

**Installation Requirements/Conditions:**

Septic Tank SIze: 1500 gallons Total Trench/Bed Length: 210 feet Trench/Bed Spacing: 9 feet on center

Slope Corrected Maximum Trench/Bed Depth 32 inches **‡ Measured on the downhill side of the trench**

Pump Tank SIze (if applicable): N/A gallons

Grease Trap Size (if applicable): gallons

Distribution Method: ☑ Serial ☐ D-Box or Parallel ☑ Pressure Manifold(s) ☐ LLP

Artificial Drainage Required: ☐ Yes ☑ No if yes, please specify details:

***Legal Agreements*** *(If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)*

Multi-party Agreement Required [Rule .0204(g)]: ☐ Yes ☑ No

Easement, Right-of-Way, or Encroachment Agreement Required [Rule .0204(d)]: ☐ Yes ☑ No

Declaration of Restrictive Covenants: ☐ Yes ☑ No Pre-Construction Conference Required: ☑ Yes ☐ No

Management Entity Required: ☐ Yes ☑ No Minimum O&M Requirements:

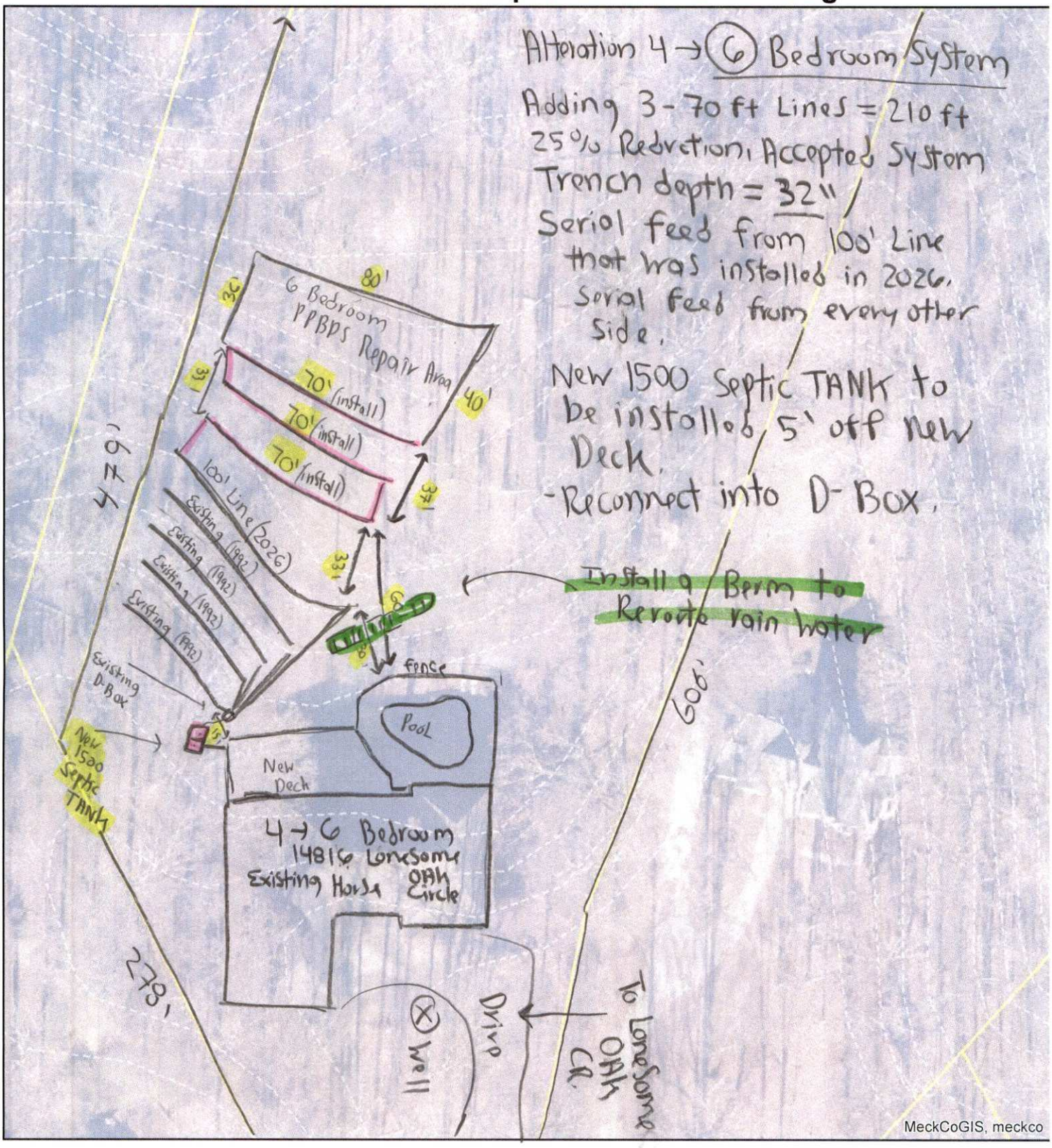
Conditions: Serial feed end to end for 3 new 70 ft lines. From 100 ft line that was installed in 2026.
Do not grade or alter the existing septic area.
New 1500 gallon septic tank required, reconnect into the existing distribution box.

***The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.***

Authorized Agent's Printed Name: Braedon Shelton Expiration Date: 10/21/2031

Authorized Agent's Signature: Braedon Shelton Date: 10/21/2026

# On-site Wastewater Improvement Permit Diagram




Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: SP 26-088
PID #: 217-013-14
File #: 4653A

Authorized Agent: Brook Shelton Date: 10/21/26

Owner/ Legal Agent: _____ Date: _____

1 inch = 50 fee

4653A / SP26-088

**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: 21701314
STREET ADDRESS: 14816 Lonesome Oak Circle
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME: Royal Oaks
LOT #: 14 LOT SIZE (acres): 2.59
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: 4,700
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: 2 NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 4

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:** ____ ____ ____ ____ ____

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: Julie Petosa
ADDRESS: 14816 Lonesome Oak Circle
CITY: Charlotte
STATE: NC ZIP: 28278
WORK PHONE: _____
MOBILE PHONE: (301) 257-3090
FAX: _____
E-MAIL: petosarenovation@gmail.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.

JP (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.

Julie neveleff
Property Owner's or Owner's Legal Representative Signature

9/25/26
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

File #: _____

## PROPOSED PLOT PLAN

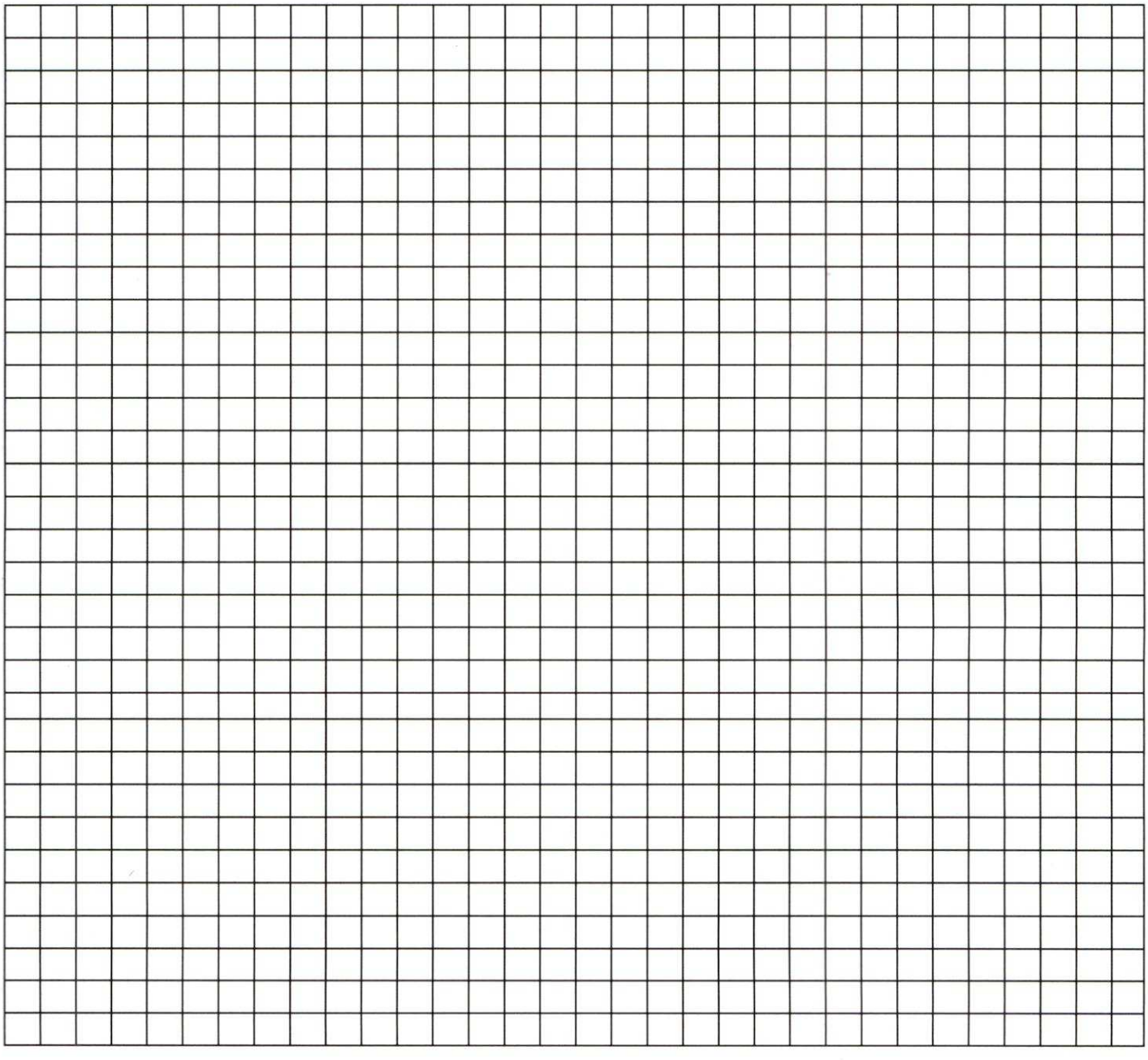
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), 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: 14816 Lonesome Oak Circle

Tax Parcel #: 21701314

Subdivision Name: Royal Oaks SEE ATTACHMENT

Lot #: 14



Julie Petosa

Property Owner's or Owner's Legal Representative Signature

9/25/26

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

## SURVEY NOTES:

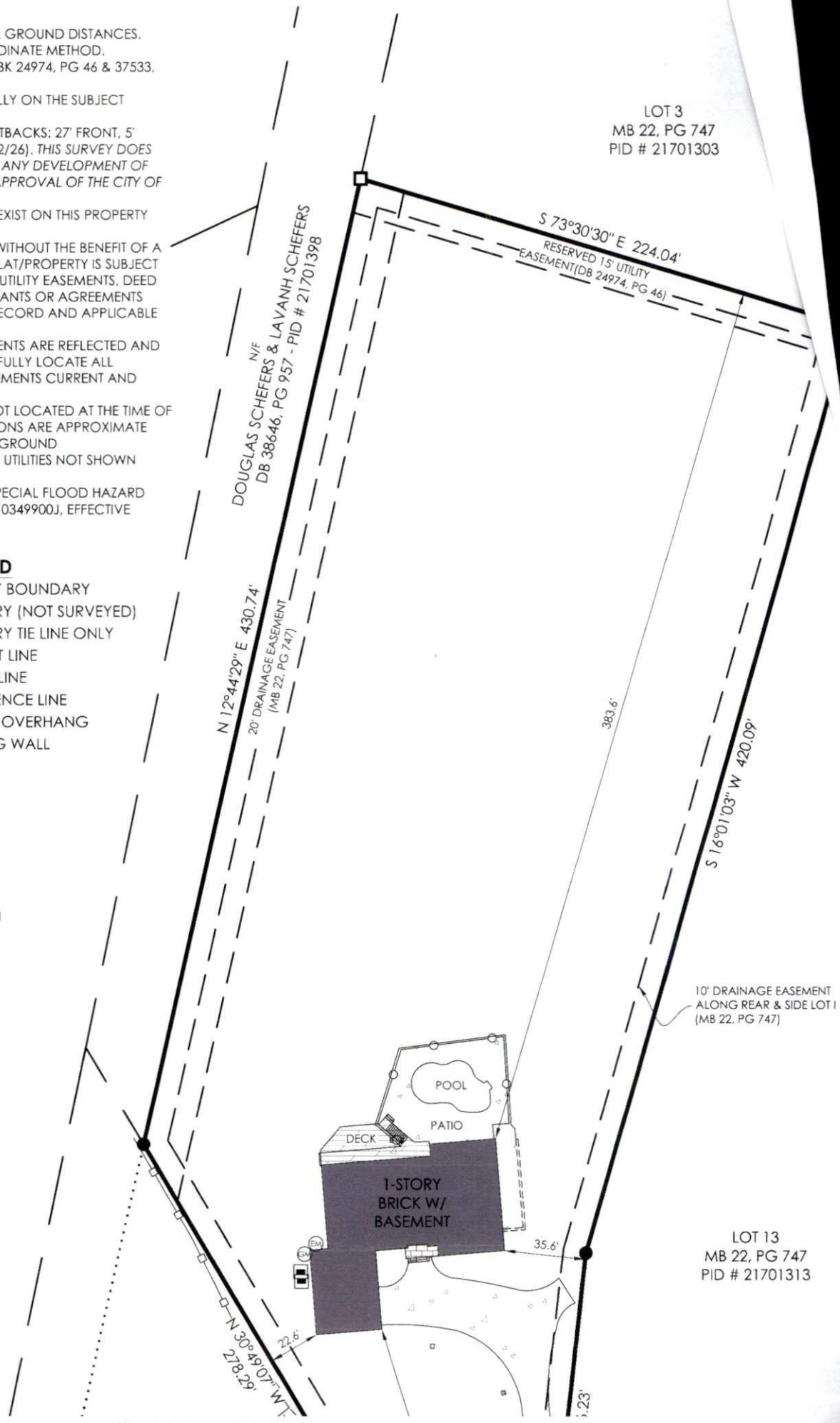
1. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.
2. AREA COMPUTED BY THE COORDINATE METHOD.
3. REFERENCE(S): RESTRICTIONS IN BK 24974, PG 46 & 37533, PG 472. OTHERS AS SHOWN.
4. ALL BUILDINGS SHOWN LIE WHOLLY ON THE SUBJECT PROPERTY.
5. LOT CURRENTLY ZONED N1-A (SETBACKS: 27' FRONT, 5' SIDE-YARD, 40' REAR) PER GIS(02/12/26). *THIS SURVEY DOES NOT REFLECT A ZONING ANALYSIS. ANY DEVELOPMENT OF THIS PROPERTY IS SUBJECT TO THE APPROVAL OF THE CITY OF CHARLOTTE.*
6. PHYSICAL IMPROVEMENTS MAY EXIST ON THIS PROPERTY WHICH ARE NOT SHOWN HEREON.
7. THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE COMMITMENT REPORT. THIS PLAT/PROPERTY IS SUBJECT TO ANY AND ALL RIGHTS-OF-WAY, UTILITY EASEMENTS, DEED RESTRICTIONS, RESTRICTIVE COVENANTS OR AGREEMENTS WHICH MAY OR MAY NOT BE OF RECORD AND APPLICABLE HERE TO THE DATE OF THIS SURVEY.
8. ACCORDINGLY NOT ALL EASEMENTS ARE REFLECTED AND THE CITY MUST BE CONTACTED TO FULLY LOCATE ALL EASEMENTS TO CONFIRM IMPROVEMENTS CURRENT AND FUTURE DO NOT ENCROACH.
9. UNDERGROUND UTILITIES ARE NOT LOCATED AT THE TIME OF SURVEY. IF SHOWN, UTILITY LOCATIONS ARE APPROXIMATE BASED ON LOCATIONS OF ABOVE GROUND APPURTENANCES. UNDERGROUND UTILITIES NOT SHOWN HEREON MAY EXIST.
10. PROPERTY DOES NOT LIE IN A SPECIAL FLOOD HAZARD AREA(ZONE "X")(FIRM MAP NO. 3710349900J, EFFECTIVE 03/02/09).

## LINE LEGEND

- PROPERTY BOUNDARY
- BOUNDARY (NOT SURVEYED)
- BOUNDARY TIE LINE ONLY
- EASEMENT LINE
- SETBACK LINE
- WOOD FENCE LINE
- BUILDING OVERHANG
- RETAINING WALL

## SYMBOL LEGEND

- #4 REBAR FOUND (RBF)
- 1/2" IRON PIPE FOUND (IPF)
- MONUMENT FOUND
- CALCULATED POINT
- SANITARY MANHOLE
- SANITARY CLEAN OUT
- AIR CONDITIONER
- WATER METER
- WATER WELL
- POOL PUMP
- GAS METER
- ELECTRIC METER
- TELEPHONE BOX
- FIBEROPTIC HAND HOLE
- CABLE TV BOX
- MAILBOX



MECKLENBURG COUNTY
North Carolina
Public Health

# Mecklenburg County Public Health

Kimberly Scott, DrPH, MPH
Health Director

**Completed Application Report**
**SP26-088**

## Record Type

Septic Permit

## Site Address

14816 LONESOME OAK CR

MECKLENBURG, NC 28278

## Parcel

21701314

## Application Contacts

| Applicant |
| --- |
| Julie Petosa |
| , |
| Email: petosarenovation@gmail.com |
| |

## Property Owner

PETOSA JOSEPH

14816 LONESOME OAK CIR

CHARLOTTE, NC NC

## Custom Fields

1st Desired Septic System Type : Other

Application Type : Improvement Permit and Construction Authorization Combo

Approval Required by Any Other Public Agency : No

Are there any dogs at the property : No

Are you the owner of this property : Yes

Basement Plumbing : Yes

Buried Cables, Landfills, Stumpholes : No

By checking this box, I agree to the above certification : CHECKED

Chemical or Petroleum Storage Tanks : No

Easements or Right of Ways : Yes

Enter Full Name : Julie Anne Petosa

Existing Wastewater (Septic) Systems : Yes

Foundation Type : Basement

Grading or Soil Removal Performed : No

Has 811 been contacted and identified any underground utilities on the property : No

Is there a coded gate : No

Jurisdictional Wetlands : No

Known Underground Contamination : No

Number of Bedrooms : 4

Number of Occupants : 4

Property Type : Residential

Square Footage of Facility : 4700

Subdivision Name : Royal Oaks

Trust Account Available : No

Type of Wastewater Generated : Domestic Sewage

Type of Work : Alteration

Waste Storage : No

Wastewater Other Than Domestic Sewage : No

Water Supply : Private Well

Wells, Springs, or Water Lines : Yes

## Certification

Date of Certification : 9/25/2026

*MECKLENBURG COUNTY*
*LAND USE AND ENVIRONMENTAL SERVICES*
***Payment Receipt***

**Receipt Information**

| | | | |
|---|---|---|---|
| **Date:** | 09/25/26 | **Amount:** | 300.00 |
| **Receipt #:** | 163574 | **Tendered:** | 300.00 |
| **Check / Auth #:** | VISA 0283 | **Returned:** | 0.00 |
| **Received By:** | ALVARJS | | |

**Account Information**

**Account #:** 200000
**Contractor:** JULIE PETOSA
**Attn:** 14816 LONESOME OAK CR
**Address:**
**Address:**
**City/State/Zip:** ,

| Item | Description | Quantity | Unit Price | Total Price |
|---|---|---|---|---|
| 0706 | Septic Alteration Permit<br>14816 LONESOME OAK CR | | | |

Permit#

**SALE**
Mecklenburg Co Permit
2145 Suttle Avenue
4th Floor
Charlotte NC 28208
980-314-2971

| | |
|---|---|
| 09/25/26 | 20:17:12 |
| Merchant ID | 404164 |
| Terminal | 451-778-580 |
| Sequence # | 000002 |
| Auth Number | 065321 |

| | |
|---|---|
| AMOUNT: | $ 300.00 |
| CONVENIENCE FEE: | $ 7.50 |
| TOTAL: | $ 307.50 |

| | |
|---|---|
| CARD ENTRY MODE | MANUAL |
| Visa | ************0283 |

X
SIGNATURE

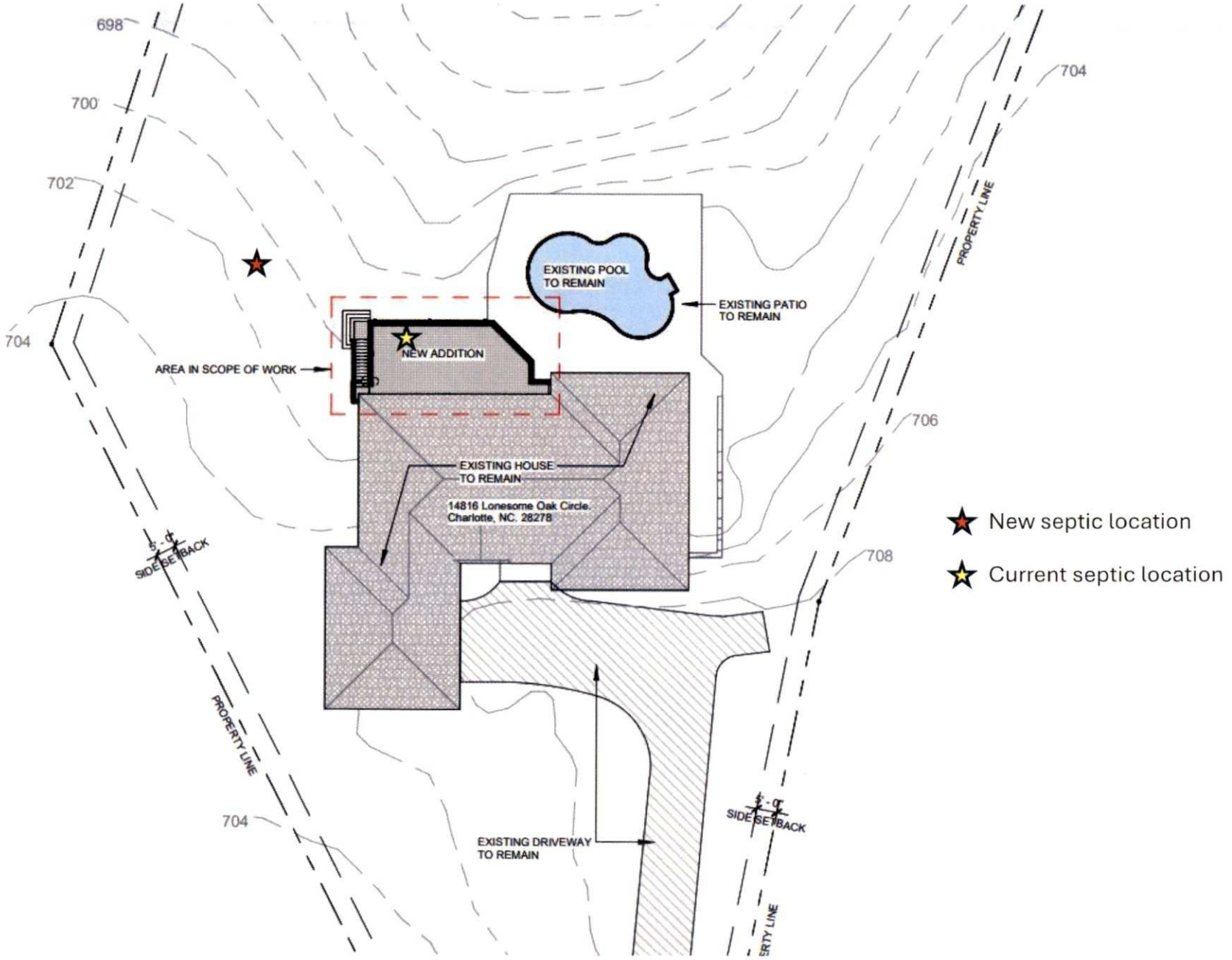
I agree to pay above total amount in accordance with card issuer's agreement (merchant agreement if credit voucher) Retain this copy for statement verification

Thank you!

**MERCHANT COPY**

**Outstanding Balances**

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


698
700
702
704
704
706
708
704
EXISTING POOL
TO REMAIN
EXISTING PATIO
TO REMAIN
NEW ADDITION
AREA IN SCOPE OF WORK
EXISTING HOUSE
TO REMAIN
14816 Lonesome Oak Circle
Charlotte, NC. 28278
5' - 0"
SIDE SETBACK
PROPERTY LINE
PROPERTY LINE
5' - 0"
SIDE SETBACK
EXISTING DRIVEWAY
TO REMAIN
New septic location
Current septic location

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


PROPERTY ID #: 217-013-14
COUNTY: Mecklenburg

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

OWNER: Joseph Petosa + Julie Petosa DATE EVALUATED: 10/15/26
ADDRESS: 14816 Lonesome Oak Cr
PROPOSED FACILITY: 4 Bedroom → 6 Bedroom PROPOSED DESIGN FLOW (.0400): Adding 240 gpd 720 PROPERTY SIZE: a.50c
LOCATION OF SITE: Same as above PROPERTY RECORDED: 1992 built
WATER SUPPLY: ☐ Public ☒ Single Family Well ☐ Shared Well ☐ Spring ☐ Other _____ WATER SUPPLY SETBACK: 50'
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Domestic ☐ High Strength ☐ IPWW

| PROFILE # | .0502 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR | .0505 SOIL DEPTH | .0506 SAPRO CLASS | .0507 RESTR HORIZ | .0509 PROFILE CLASS & LTAR* | .0502(d) SLOPE CORRECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L 5% | 0-12" | wblk, Cl | fr, SS, SP, Sexp | N/A | 48"+ | N/A | N/A | IV S 0.3 | 34" |
| | | 12-48"+ | wblk, C | fi, S, P, Sexp | | | | | | |
| 2 | L 8% | 0-10" | wblk, Cl | fr, SS, SP, Sexp | N/A | 48"+ | N/A | N/A | IV S 0.3 | 32" |
| | | 10-45" | wblk, C | fi, S, P, Sexp | | | | | | |
| | | 45"+ | wblk, Cl | fr, SS, SP, Sexp | | | | | | |
| 3 | L 0% | 0-10" | wblk, Cl | fr, SS, SP, Sexp | N/A | 49"+ | N/A | N/A | IV S 0.3 | 32" |
| | | 10-48"+ | wblk C | fi, S, P, Sexp | | | | | | |
| 4 | L 5% | 0-12" | wblk, Cl | fr, SS, SP, Sexp | N/A | 48"+ | N/A | N/A | IV S 0.3 | 34" |
| | | 12-42" | wblk C | fi, S, P, Sexp | | | | | | |
| | | 42"+ | wblk, Cl | fr, SS, SP, Sexp | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.0508) | S | S |
| System Type(s) | III g | III b |
| Site LTAR | 0.3 | 0.3 |
| Maximum Trench Depth | 32" | 32" |

SITE CLASSIFICATION (.0509): Suitable
EVALUATED BY: Brandi Black
OTHER(S) PRESENT: _____

Comments: Alteration 4 Bedroom to potential 6 Bedroom System. Will need new 1500 gallon Septic TANK. Adding 3-70 ft Lines = 210 ft existing 500 ft of line,

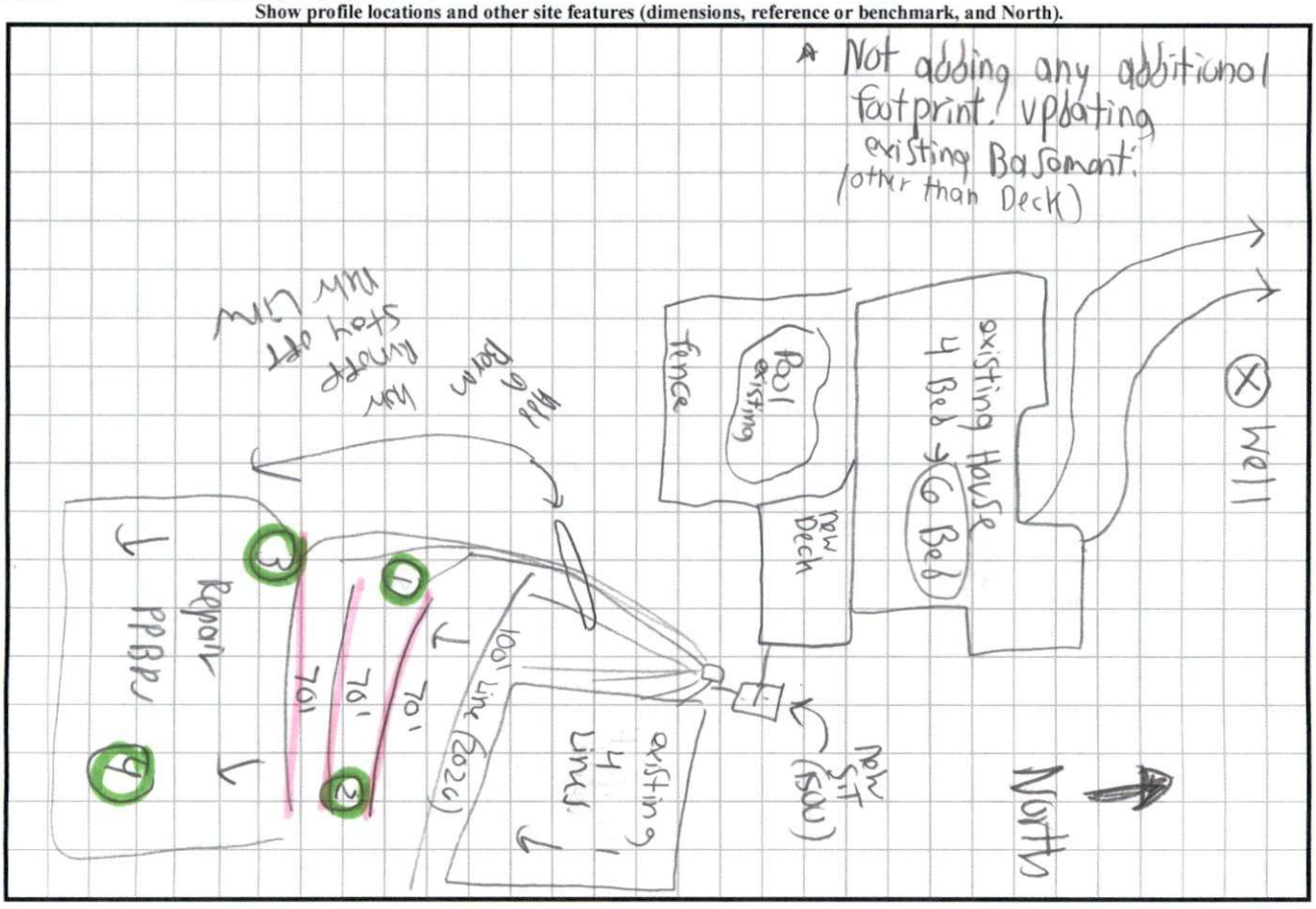
# LEGEND

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

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

*HORIZON DEPTH* In inches below natural soil surface
*DEPTH OF FILL* In inches from land surface
*RESTRICTIVE HORIZON* Thickness and depth from land surface
*SAPROLITE* S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
*SOIL WETNESS* Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
*CLASSIFICATION* S (Suitable) or U (Unsuitable)

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



# LEGEND

| LANDSCAPE POSITION | SOIL GROUP | SOIL TEXTURE | CONVENTIONAL LTAR (gpd/ft²) | SAPROLITE LTAR (gpd/ft²) | LPP LTAR (gpd/ft²) | MINERALOGY/ CONSISTENCE | | STRUCTURE |
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| D (Drainage way) | II | SL (Sandy loam) | 0.6 - 0.8 | 0.4 -0.6 | 0.3 - 0.4 | VFR (Very friable) | SS (Slightly sticky) | GR (Granular) |
| FP (Flood plain) | | L (Loam) | | 0.2 - 0.4 | | FR (Friable) | S (Sticky) | SBK (Subangular blocky) |
| FS (Foot slope) | III | SiL (Silt loam) | 0.3 - 0.6 | 0.1 - 0.3 | 0.15 - 0.3 | FI (Firm) | VS (Very sticky) | ABK (Angular blocky) |
| H (Head slope) | | SCL (Sandy clay loam) | | 0.05 - 0.15** | | VFI (Very firm) | NP (Non-plastic) | PR (Prismatic) |
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| TS (Toe Slope) | | C (Clay) | | | | | | |
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