# Supervisor/Administrative Professional Checklist

**New Septic** ☒ **New Well** ☐ **Use Existing** ☐ **Alteration** ☐ **Modified Plot Plan** ☐

**New Septic Fees Paid**

IP ($250.00) 2/9/17 LE ____ Initials/Date

CA ($200.00) _____ Initials/Date

OP ($200.00) _____ Initials/Date

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

**New Well Fee Paid:** $550.00 _____ Initials/Date

**Use Existing Fee Paid:** $100.00 _____ Initials/Date

**Alteration Fee Paid:** $300.00 (Total) $200 (If use existing was paid)_____ Initials/Date

**Modified Plot Plan Fee Paid:** $100.00 _____ Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☑ Reviewed ☐ ____

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

Septic file completed. ☐ _____ Well file completed. ☐ _____

Send permit for signature. ☑ Signature received. ☑ ABL

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

Certified operator contract is on file. ☐ _____

# Groundwater & Wastewater Services: Septic Project File & D



| | |
|---|---|
| GWS File #: | 6500A |
| WASPS App #: | 8747 |
| Primary ES assigned to project: | Jeremy Michelone |
| 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? | N/A |
| Site Evaluation Information: .1939(a)(6) - Sufficient Available Space Recorded? | Yes |
| Site Evaluation Information: .1937(m) - Are the Profile Locations Shown? | Yes |
| Site Evaluation Information: .1939(a) - Are the S/PS Profiles in system & in repair area? | Yes |
| Site Evaluation Information: .1939(d), .1955, .1956, .1957 - LTAR | Yes |
| Improvement Permit/Construction Authorization: .1937(g), 130A-336(a) - Proposed System Type stated - Initial | Yes |
| Improvement Permit/Construction Authorization: .1945(b) - Proposed System Type stated - Repair | Yes |
| Improvement Permit/Construction Authorization: 130A-336(a)(3) - System location identifiable by setbacks - Initial | Yes |
| Improvement Permit/Construction Authorization: .1937(g), .1945(b) - System components shown - Initial | Yes |
| Information Permit/Construction Authorization: .1945(b) - Repair area shown | Yes |
| Improvement Permit/Construction Authorization: .1937(f)(g) - Does System design match facility, flow & WW characteristics? | Yes |
| Improvement Permit/Construction Authorization: .1937(f)(g) - Is System design consistent with soil/site conditions? | Yes |
| Improvement Permit/Construction Authorization: .1937(f)(g) - Is the System located in the approved area? | Yes |
| Improvement Permit/Construction Authorization: 130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated? | Yes |
| Improvement Permit/Construction Authorization: .1937 (g) - Trench depth correct? | Yes |
| Improvement Permit/Construction Authorization: .1937(g) - Trench width correct? | Yes |
| Improvement Permit/Construction Authorization: .19379(g) - Trench length correct? | Yes |
| Improvement Permit/Construction Authorization: 130A-336(a)(1) - Proposed/existing well shown? | N/A |

| | |
|---|---|
| Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown? | Yes |
| Improvement Permit/Construction Authorization: 130A-336(a) - Facility/appurtenance setbacks shown from fixed points? | Yes |
| Corrections/modifications needed? | No |
| Comments: | |
| IA issued date: | |
| OP Issued date: | |
| Review performed by: | Jeremy Michael |
| Date performed: | 5/4/2017 |

Created at 5/4/2017 2:03 PM by Michael, Jeremy
Last modified at 5/4/2017 2:03 PM by Michael, Jeremy

Close

MECKLENBURG COUNTY
HEALTH DEPARTMENT

6500A #8747

7 FEB '17 PM 2:15

# 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: 01521209

STREET ADDRESS: 9924 Beatties Ford Rd

CITY: Huntersville

STATE: NC ZIP: 28078

SUBDIVISION NAME: Brasilia Park

LOT #: 1 LOT SIZE (acres): _____

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: approx. 2000-2500 sq. ft

NUMBER OF BEDROOMS: 3-4

NUMBER OF OCCUPANTS: 2

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 unsure at this ti

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? 2/2/2017 ☐ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____ ☒ N/A

12. PROPERTY OWNER:

NAME: Anya Means Baker
ADDRESS: P.O. Box 16220
CITY: Charlotte
STATE: NC ZIP: 28297
WORK PHONE: 704-726-6390
MOBILE PHONE: 704-726-6390
FAX: _____
E-MAIL: means.anya@gmail.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

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

**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. AMB (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.

Amy M. Baker
Property Owner's or Owner's Legal Representative Signature

2/7/17
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:

File #: _____

## PROPOSED PLOT PLAN

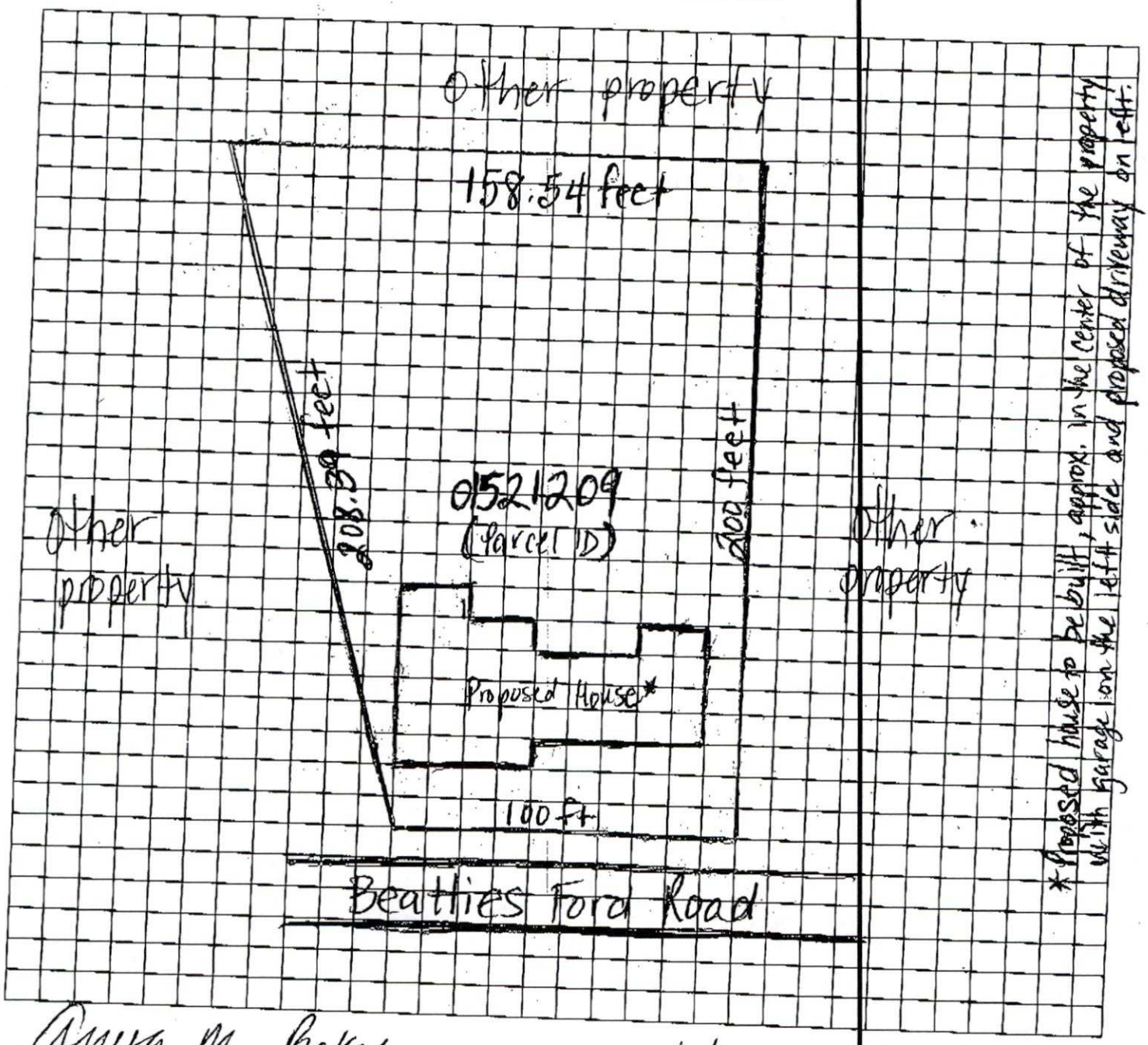
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), 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: 9924 Beatties Ford Road

Tax Parcel #: 01521209

Subdivision Name: Brasilia Park

Lot #: 1




Anya M. Baker

Property Owner's or Owner's Legal Representative Signature

2/7/17

Date

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

**Receipt Information**

| | | | |
|---|---|---|---|
| **Date:** | 02/09/17 | **Amount:** | 250.00 |
| **Receipt #:** | 103793 | **Tendered:** | 250.00 |
| **Check / Auth #:** | MC 33665P | **Returned:** | 0.00 |
| **Received By:** | ELLISLW | | |

**Account Information**

**Account #:** 200000
**Contractor:** BAKER,ANYA
**Attn:**
**Address:** PO BOX 16220
**Address:**
**City/State/Zip:** CHARLOTTE, NC 28297

| Item | Description | Permit# | Quantity | Unit Price | Total Price |
|---|---|---|---|---|---|
| 0701 | Improvment Permit App-Residen<br>9924 BEATTIES FORD RD | | 1 | 250.00 | 250.00 |

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

| Month-To-Date | Prior Month | 30 Days | 60 Days | 90 Days | Balance |
|---|---|---|---|---|---|
| | 20.00 | | | | |

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

Sheet: 1 of 2
Property ID: 015-212-09
Lot #: 1
File #: 6500A
AppID: 8747

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Anya Means Baker
Address: P.O. Box 16220, Charlotte, NC 28297
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Location of Site: 9924 Beatties Ford Rd, Huntersville, NC 28078
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: 4/20/2017
Property Size: 1.2 ac
Property Recorded: 2/2/2017

| 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 3% | 0 - 6 | sbk CL | SS SP FR SEXP | >49" | 49 | NA | NA | | **PS IV 0.275** | **36"** |
| | | 6 - 38 | sbk C | S P FI SEXP | | | | | | | |
| | | 38 - 49 | sbk C | S P FR SEXP | | | | | | | |
| Boring #2 | LS 2% | 0 - 10 | sbk CL | SS SP FR SEXP | >49" | 49 | NA | NA | | **PS IV 0.3** | **36"** |
| | | 10 - 49 | sbk C | S P FR SEXP | | | | | | | |
| Boring #3 | LS 3% | 0 - 8 | sbk CL | SS SP FR SEXP | >49" | 49 | NA | NA | | **PS IV 0.275** | **36"** |
| | | 8 - 36 | sbk C | S P FR SEXP | | | | | | | |
| | | 36 - 49 | sbk C | S P FI SEXP | | | | | | | |
| Boring #4 | LS 3% | 0 - 10 | gr L | SS SP FR SEXP | >49" | 49 | NA | NA | | **PS IV 0.275** | **36"** |
| | | 10 - 33 | sbk C | S SP FR SEXP | | | | | | | |
| | | 33 - 49 | sbk C | S P FI SEXP | | | | | | | |
| Boring #5 | LS 4% | 0 - 12 | gr L | SS SP FR SEXP | >49" | 49 | NA | NA | | **PS IV 0.275** | **36"** |
| | | 12 - 49 | sbk C | S P FR SEXP | | | | | | | |
| | | | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |
| Site LTAR (gpd/sq ft) | **0.275** | **0.275** |

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

**COMMENTS:**


File #: 6500A
AppID: 8747

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

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

**Sketch of Soil Evaluation Locations**



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

Sheet: 1 of 2
Property ID: 015-212-09
Lot #: 1
File #: 6500A
AppID: 8747

# SOIL/SITE EVALUATION
# for ON-SITE WASTEWATER SYSTEM

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Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: owner
Date Evaluated: 4/20/2017
Property Size: 1.2 ac
Property Recorded: 2/2/2017

| 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 3% | 0 - 6 | sbk CL | SS SP FR SEXP | >49" | 49 | NA | NA | | PS IV 0.275 | 36" |
| | | 6 - 38 | sbk C | S P FI SEXP | | | | | | | |
| | | 38 - 49 | sbk C | S P FR SEXP | | | | | | | |
| Boring #2 | LS 2% | 0 - 10 | sbk CL | SS SP FR SEXP | >49" | 49 | NA | NA | | PS IV 0.3 | 36" |
| | | 10 - 49 | sbk C | S P FR SEXP | | | | | | | |
| Boring #3 | LS 3% | 0 - 8 | sbk CL | SS SP FR SEXP | >49" | 49 | NA | NA | | PS IV 0.275 | 36" |
| | | 8 - 36 | sbk C | S P FR SEXP | | | | | | | |
| | | 36 - 49 | sbk C | S P FI SEXP | | | | | | | |
| Boring #4 | LS 3% | 0 - 10 | gr L | SS SP FR SEXP | >49" | 49 | NA | NA | | PS IV 0.275 | 36" |
| | | 10 - 33 | sbk C | S SP FR SEXP | | | | | | | |
| | | 33 - 49 | sbk C | S P FI SEXP | | | | | | | |
| Boring #5 | LS 4% | 0 - 12 | gr L | SS SP FR SEXP | >49" | 49 | NA | NA | | PS IV 0.275 | 36" |
| | | 12 - 49 | sbk C | S P FR SEXP | | | | | | | |
| | | | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | III g | III e |
| Site LTAR (gpd/sq ft) | **0.275** | **0.275** |

Other Factors (.1946): NA
Soil Evaluation By: Jacob Presley, LSS, REHS
Others Present:
Site Classification (.1948): Provisionally Suitable
Site Evaluation By: Jeremy Michelone, REHS
Others Present: Anya Means Baker

**COMMENTS:**

| Landscape Position | Group | Texture | .1955 LTAR | Structure |
|---|---|---|---|---|
| R-Ridge | I | S-Sand | 1.2 - 0.8 | sg-Single Grain |
| SS-Shoulder Slope | | LS-Loamy Sand | | mass-Massive |
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| CC-Concave Slope | III | Si-Silt | 0.6 - 0.3 | pl-Platy |
| CV-Convex Slope | | SiCL-Silty Clay Loam | | pr-Prismatic |
| T-Terrace | | | | Sap-Saprolite |
| FP-Flood Plain | | CL-Clay Loam | | **Structure Prefixes** |
| D-Drainage Way | | SCL-Sandy Clay Loam | | w-weak |
| | | | | m-moderate |
| | | SiL-Silt Loam | | s-strong |
| | | | | f-fine |
| | IV | SC-Sandy Clay | 0.4 - 0.1 | m-medium |
| | | SiC-Silty Clay | | c-coarse |
| | | C-Clay | | |

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

**Sketch of Soil Evaluation Locations**



ImprovementPermitOutputForm

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St. Suite 211 Charlotte, NC 28202
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 #: 30008747 GWS File #: 6500A Tax Parcel #: 015-212-09

- 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. The Construction Authorization is **NOT** transferable. 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):** 5/4/2022

Type of Installation: Residential - New System Lot Number: 1

Structure Type: HOUSE Size ($ft^2$): 2000 # Bedrooms: 4 # Occupants: 2

Building Foundation: Crawl Space Water Supply: Municipal

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

Initial System Specifications:

Design Flow (gpd): 480 LTAR ($gpd/ft^2$): 0.275 Septic Tank Size (gal): 1000 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area ($ft^2$): 1309 Total Trench Length (ft): 436

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

**III. Repair System Type:** PPBPS (gravity) **System Classification:**

Repair System Specifications:

Design Flow (gpd): 480 LTAR ($gpd/ft^2$): 0.275 Septic Tank Size (gal): 1000 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area ($ft^2$): 873 Total Trench Length (ft): 291

Maximum Trench Depth (in): 30 Depth of Media (in): 0 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: Jeremy Michelone Owner/Legal Agent: ANYA M. Baker
Print Name

Signature: Jeremy Michelone Signature: Anya M. Baker

Date Issued: 5/4/2017

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St. Suite 211 Charlotte, NC 28202
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 #: 30008747 GWS File #: 6500A

**IV. Permit Conditions/Comments:**

- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- 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.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.

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: Jeremy Michelone

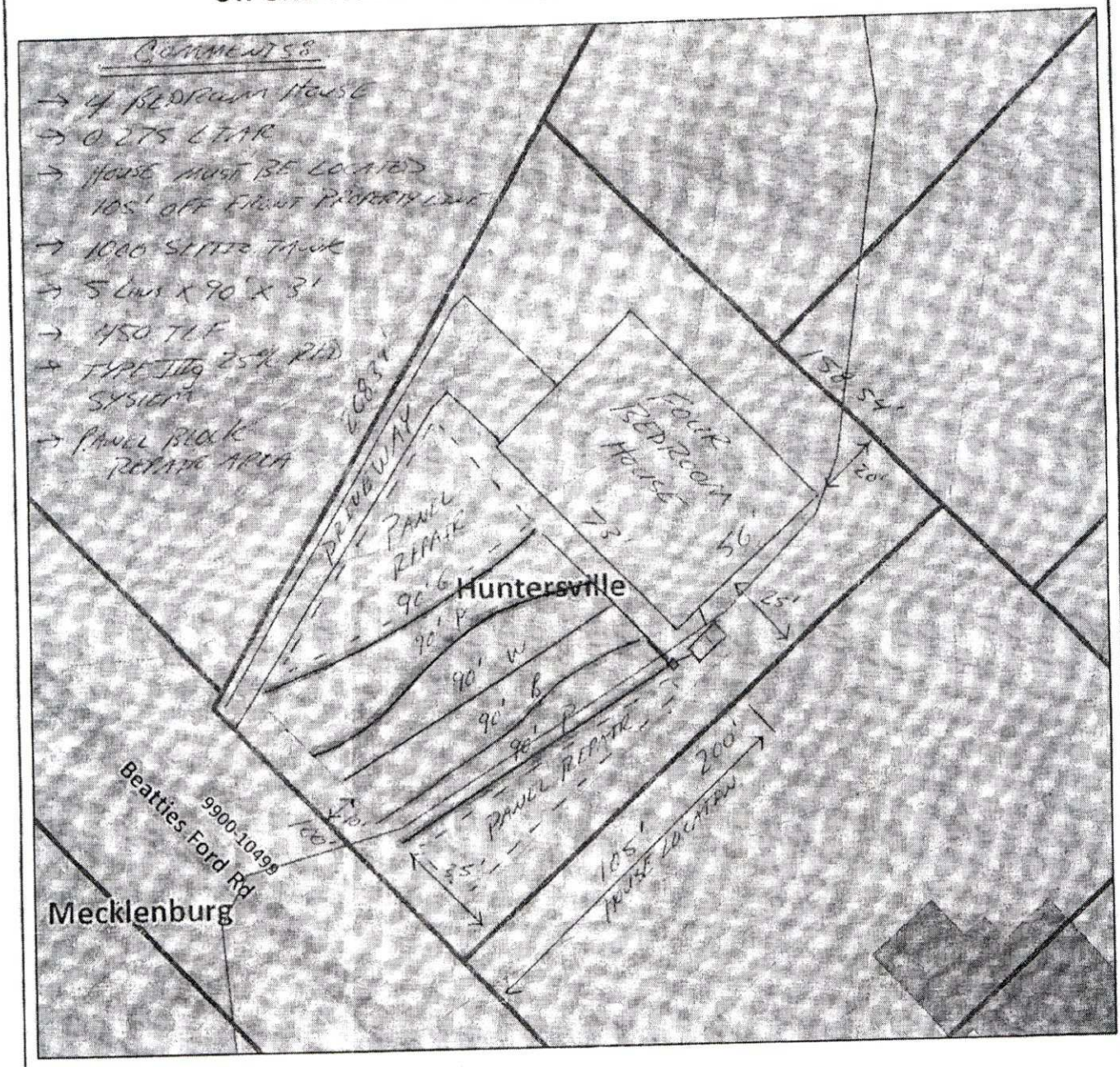
Signature: Jeremy Michelone REHS

Date Issued: 5/4/2017

Owner/Legal Agent: ANIYA M. Baker
Print Name

Signature: Aniya M. Baker

# On-site Wastewater Improvement Permit Diagram




Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 8747
PID #: 015-212-09
File #: 6500A

Authorized Agent: _____ Date: 5/4/17

Owner/ Legal Agent: Angela M. Baker Date: 8/23/17

1 inch = 40 feet

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
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 #: **30008747** GWS File #: **6500A** Tax Parcel #: **015-212-09**

- 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. The Construction Authorization is **NOT** transferable. 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):** 5/4/2022

Type of Installation: Residential - New System Lot Number: 1

Structure Type: HOUSE Size ($ft^2$): 2000 # Bedrooms: 4 # Occupants: 2

Building Foundation: Crawl Space Water Supply: Municipal

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

Initial System Specifications:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design Flow (gpd): | 480 | LTAR ($gpd/ft^2$): | 0.275 | Septic Tank Size (gal): | 1000 | Pump Tank Size (gal): | N/A |
| Trench Width (ft): | 3 | Trench Spacing (ft): | 9 | Absorption Area ($ft^2$): | 1309 | Total Trench Length (ft): | 436 |
| Maximum Trench Depth (in): | 30 | Depth of Media (in): | 12 | Distribution Device: | Distribution Box | | |

**III. Repair System Type:** PPBPS (gravity) **System Classification:**

Repair System Specifications:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design Flow (gpd): | 480 | LTAR ($gpd/ft^2$): | 0.275 | Septic Tank Size (gal): | 1000 | Pump Tank Size (gal): | N/A |
| Trench Width (ft): | 3 | Trench Spacing (ft): | 9 | Absorption Area ($ft^2$): | 873 | Total Trench Length (ft): | 291 |
| Maximum Trench Depth (in): | 30 | Depth of Media (in): | 0 | 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:

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

Authorized Agent: Jeremy Michelone Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 5/4/2017

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
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 #: **30008747** GWS File #: **6500A**

**IV. Permit Conditions/Comments:**

- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- 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.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.

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

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Authorized Agent: Jeremy Michelone

Signature: _____

Date Issued: 5/4/2017

Owner/Legal Agent: _____
Print Name

Signature: _____

# On-site Wastewater Improvement Permit Diagram




Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 8747
PID #: 015-212-09
File #: 6500A

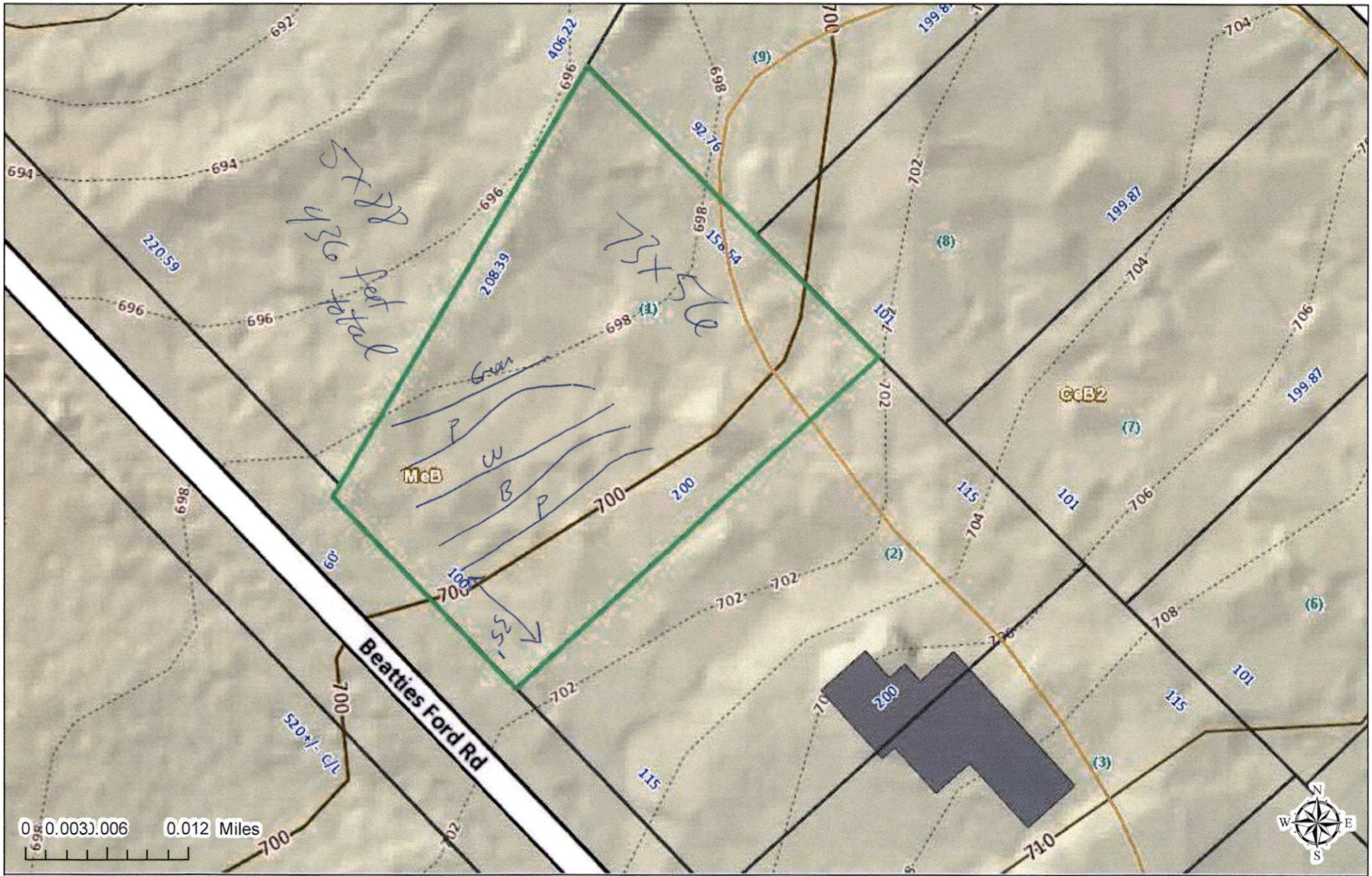
Authorized Agent: _____ Date: 5/4/17

Owner/ Legal Agent: _____ Date: _____

1 inch = 40 feet

# Polaris 3G Map – Mecklenburg County, North Carolina

Date Printed: 4/25/2017 8:50:44 AM




This map or report is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map or report are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.