Supervisor/Administrative Professional Checklist

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

New Septic Fees Paid:

IP ($250.00) _____ Initials/Date

CA ($200.00) LE 8/10/15 Initials/Date

OP ($200.00) LE 8/10/15 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 LE 6/12/15 Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☐ Reviewed ☒ JAM

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. ☐ _____

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

Certified operator contract is on file. ☐ _____



14541 RAMAH CHURCH RD

1/11/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 08/10/15
Receipt #: 95687
Check / Auth #: VISA 059541
Received By: ELLISLW

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: CARTER,TRENT
Attn:
Address: 9149 BARNETT ROAD
Address:
City/State/Zip: CONCORD, NC 28027

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 14527 RAMAH CHURCH RD		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:	08/10/15	**Amount:**	200.00
Receipt #:	95688	**Tendered:**	200.00
Check / Auth #:	VISA 059541	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

Account #: 200000
Contractor: CARTER,TRENT
Attn:
Address: 9149 BARNETT ROAD
Address:
City/State/Zip: CONCORD, NC 28027

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 14527 RAMAH CHURCH RD		1	200.00	200.00

Outstanding Balances

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

Payment Receipt

Mecklenburg County POS

Environmental Health
700 N. Tryon Street
Charlotte, NC 28202
Phone: 704-336-5100

Enter Account # or Customer Name Here: TRENT CARTER

Bill To:

TRENT CARTER
9149 BARNETT ROAD

Concord, NC 28027

Single Payment

Transaction Date:	08/10/2015 7:15 AM Pacific Time
Pay Method:	VISA **********6009
Approval #:	059541
Trace Number:	d87037b0-4f5b-4ea0-90c4-81299a8c17a0
Amount:	$400.00

Payment Amount:	$400.00
Total:	**$400.00**

Thank you for your payment.

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File.#: 7130 B WASPS App #: 2301

Primary ES assigned to project: DJ

Secondary ES assigned to project:

Project Type: New System ☑ Alteration ☐ Repair ☐ Modified Plot Plan ☐

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☑	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☑
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☑
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☑
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☑	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☑	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: 4			
	Were sufficient auger borings made?	Yes ☐	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR .35	Yes ☑	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b) 130A-336 (a)(3)	Proposed System Type stated-Repair	Yes ☑	No ☐	N/A ☐
	System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐

① Signature on Septic Permit + PPP

② Fee

③ Apply for + obtain New Well Permit

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☑	No ☐	N/A ☐
	Operation Permit			
.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments: 8/6/15 Modified Plot Plan Approval DSW

IA issued date: _____

OP issued date: _____

Review performed by: IR

Date performed: 10 03

s

FEE: 200.00
DATE:8/10/2015

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 7130B

PERMIT NUMBER: 30007664

PARCEL NUMBER: 01126112

JOB LOCATION INFORMATION

ADDRESS: 14527 RAMAH CHURCH RD

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

ISSUED TO: MATTHEW HOLZBAUR

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 8/10/2015

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30007664, 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, NOT TO EXCEED 60 MONTHS.

App 08/30/21 File 71306 Application # 7664 RW

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: 01126112
STREET ADDRESS: 14527 Ramah Church Rd
CITY: Huntersville
STATE: NC ZIP: 280
SUBDIVISION NAME: _____
LOT #: 1 LOT SIZE (acres): 3.29
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: 4100
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 3
FOUNDATION TYPE:
○ CONCRETE SLAB ☒ BASEMENT WITH PLUMBING Rough-in only
○ 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 25%

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: Matthew Holzbaur
ADDRESS: 637 Village Main Circle
CITY: DAVIDSON
STATE: NC ZIP: 28036
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

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

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

Trent Carter
704-201-6704
3/8 TLC

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10

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.

_____ (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.

_____ 6/3/15

Property Owner's or Owner's Legal Representative Signature *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: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10

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

Sheet: 1 of 2
Property ID: PO 011-261-12
Lot #: 1
File #: 7130B
AppID: 2301

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Stan Phillips
Applicant:
Address: 14830 June Washam Road, Davidson, N. C. 28036
Date Evaluated: 6/4/07
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: .5a inv.
Location of Site: Ramah Church Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] 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	Profile Class & LTAR
1	LS, 8	0-5	GR/SCL	FR/SEXP/SS/SP	>60" TO SOIL WETNESS	17	PS	NONE	PS, SAP II .35GPD/FT^2
		5-17	SBK/ABK/SC	VFI/EXP/VS/VP					
		17-60	M/SL	FR/SEXP/NS/NP					
2	"	0-6	GR/SCL	FR/SEXP/SS/SP	>60" TO SOIL WETNESS	32	"	"	"
		6-32	M/SCL	FR-FI/SEXP/SS/SP					
		32-60	M/SL	FRSEXP/NS/NP					
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	>64" TO SOIL WETNESS	32	"	"	"
		6-20	SBK/ABK/C	VFI/EXP/VS/VP					
		20-36	M/SCL	FR/SEXP/SS/SP					
		36-64	M/SL	FR/SEXP/NS/NP					
4	"	0-8	GR/CL	FR/SEXP/SS/SP	>63" TO SOIL WETNESS	18	"	"	"
		8-18	SBK/SCL	FR-FI/SEXP/SS/SP					
		18-63	M/SL	FR/SEXP/NS/NP					
					SITE LTAR .35GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)	P.S.	P.S.
System Type(s)	III-6	III-6
Site LTAR	0.35	0.35

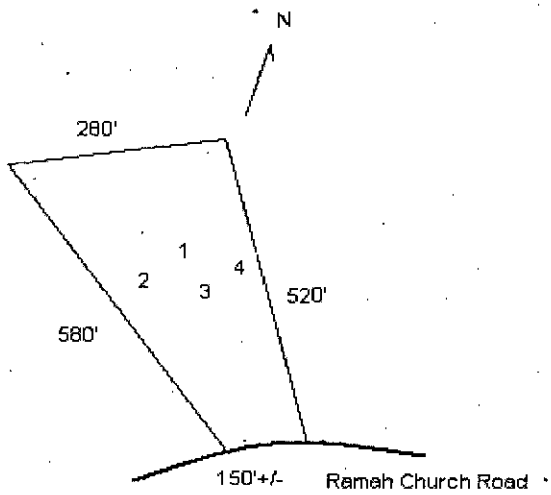
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 6/7/2007,
Others Present:
Site Classification (.1948): P.S.
Site Evaluation By:
Others Present:

COMMENTS:
100% repair

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		M-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				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: **30007664** GWS File #: **7130B** Tax Parcel #: **011-261-12**

- 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):** 8/5/2020

Type of Installation: Residential - Modified Plot Plan Lot Number: 1

Structure Type: HOUSE Size (ft^2): 4100 # Bedrooms: 4 # Occupants: 3

Building Foundation: Basement With Plumbing Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.35	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1029	Total Trench Length (ft):	343
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Distribution Box		

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

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.35	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1029	Total Trench Length (ft):	343
Maximum Trench Depth (in):	36	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: 8/5/2015

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: **30007664** GWS File #: **7130B**

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. from all private wells (saprolite system).
- 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.

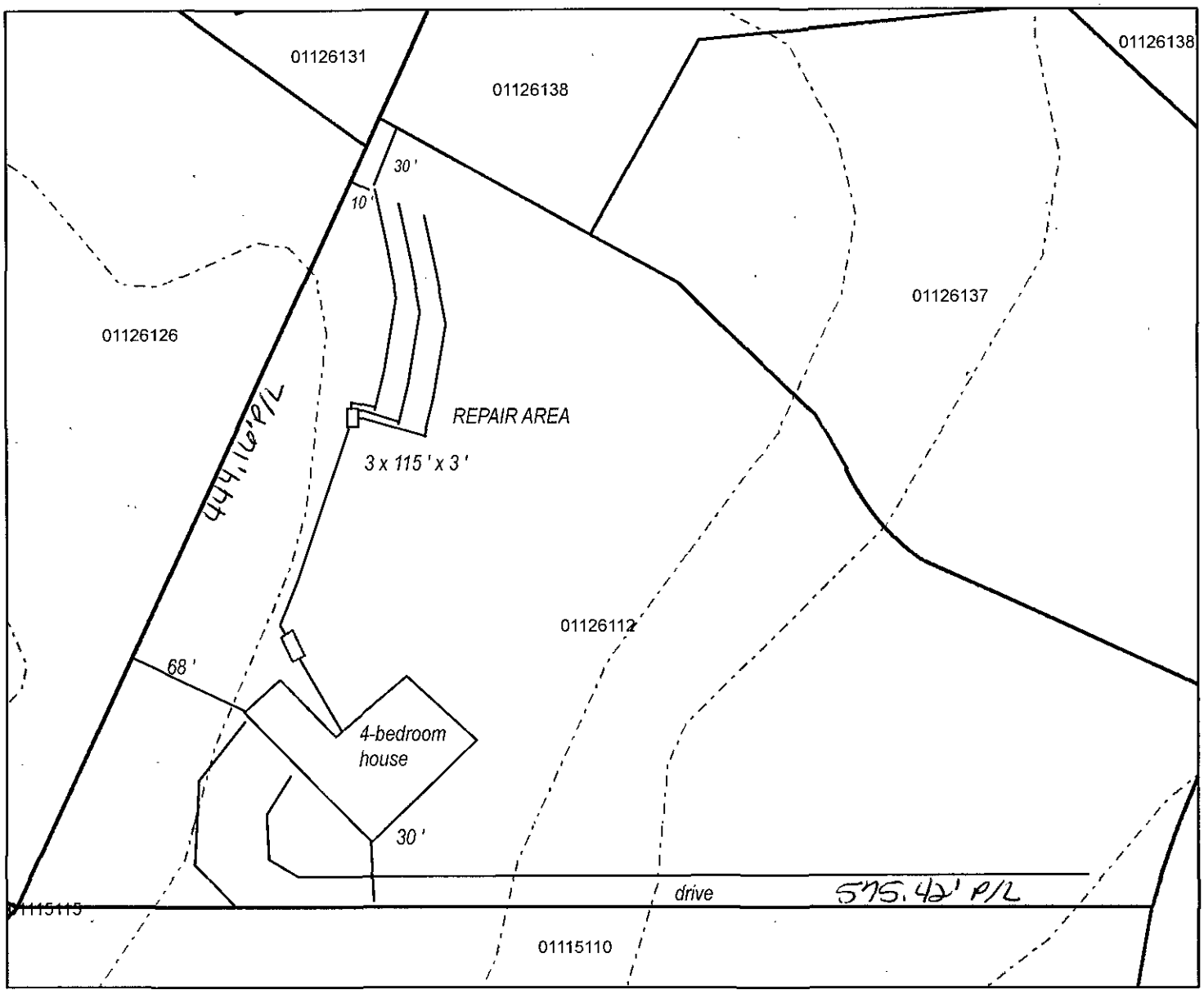
Authorized Agent: Kim Garrett

Signature: Kim Garrett, REHS

Date Issued: 8/5/2015

Owner/Legal Agent: _____
Print Name

Signature: _____



Mecklenburg County Health Department
Environmental Health Division
IMPROVEMENT Permit for Residential
ONSITE-WASTEWATER TREATMENT & DISPOSAL

PID # 011-261-12
14527 Ramah Church Road
Huntersville, NC 28078

Permit # 30007664
File # 7130 B

Authorized Agent: Kim Yarnell REHS

Owner/Legal Agent: _____

INSTALLATION NOTES:
480 gpd
0.35 LTAR
343 TLF

3 x 115 ' x 3 ' lines to be installed

max trench bottom 36 inches
1000 gallon ST
TYPE III g
D-box

Install according to all NC Rules & Regulations and maintain the following setbacks:

>100 ft from well (saprolite system)
>10 ft from property lines and water lines
> 5 ft from building foundation

N
W E
S

1 inch = 80 feet

Certificate of Survey and Accuracy

I, T. Riley Casey, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 11545, page 623) ; that the boundaries not surveyed are clearly indicated as drawn from information found in as shown Book ____, page ____; that the ratio of precision as calculated is 1:10,000 +; that this plat was prepared in accordance with G.S. 47-30 as amended.

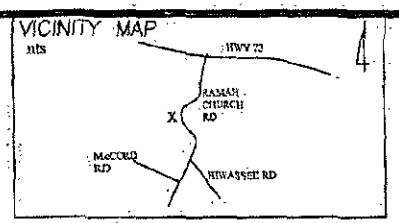
Witness my original signature, registration number and seal this 10 day of March, A.D., 2015.

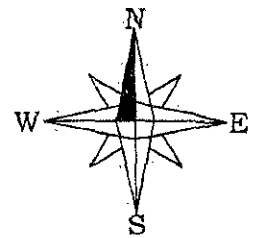
T. Riley Casey P.L.S. L-4896

This is to certify that part of the property does not lie within a 100 year flood plain.

T. Riley Casey PLS L-4896 03/10/2015

PRELIMINARY
FOR REVIEW ONLY
NOT FOR DEED DESCRIPTION



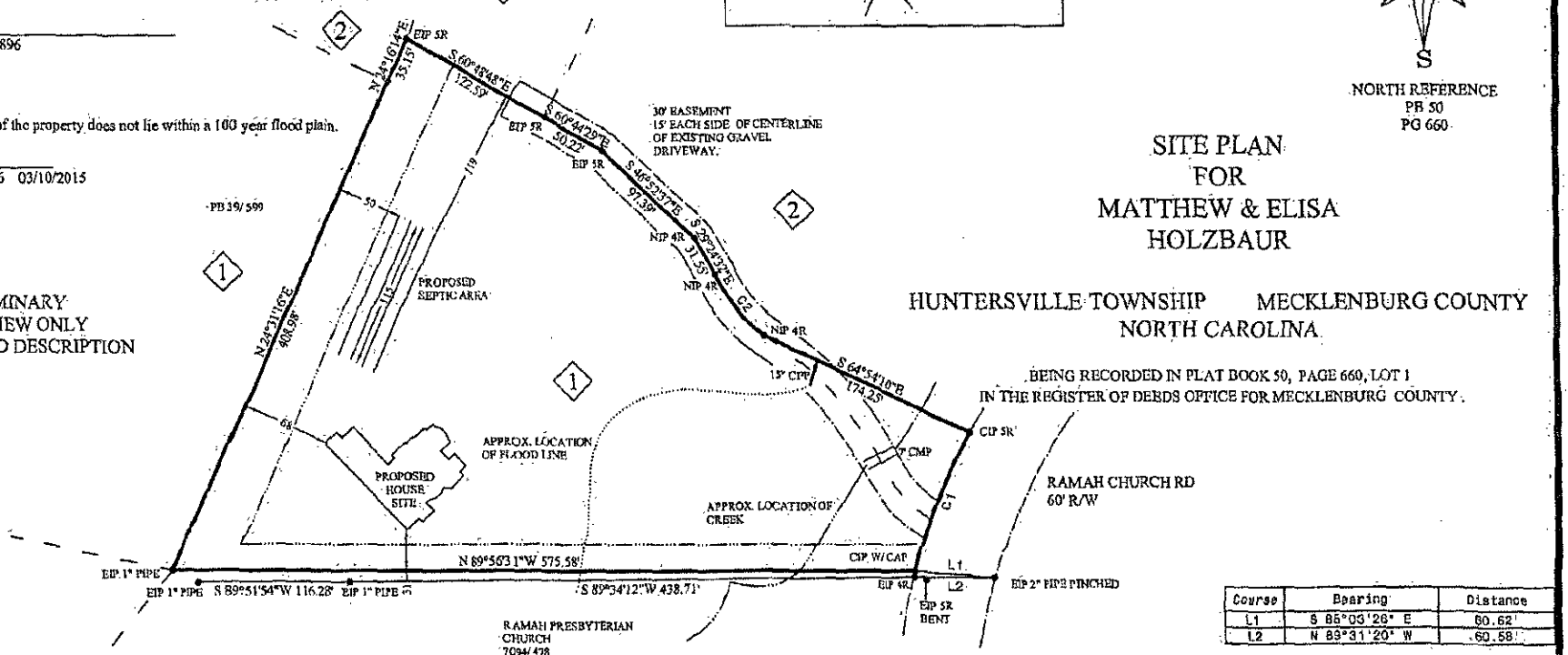


NORTH REFERENCE
PB 50
PG 660

SITE PLAN FOR MATTHEW & ELISA HOLZBAUR

HUNTERSVILLE TOWNSHIP MECKLENBURG COUNTY
NORTH CAROLINA

BEING RECORDED IN PLAT BOOK 50, PAGE 660, LOT 1
IN THE REGISTER OF DEEDS OFFICE FOR MECKLENBURG COUNTY.



LEGEND:

NIP	New Iron Pin
EIP	Existing Iron Pin
CIP	Control Iron Pin
PT	Point
RW	Right-of-way
PP	Power Pole
PL	Power Line
OHU	Overhead Utility
PED	Utility Pedestal
CO	Clean Out
WV	Water Valve
LP	Light Pole
PKS	PK Nail Set
PKF	PK Nail Found
WM	Water Meter
YI	Yard Inlet

DATA:
Total Acreage: 3.29 AC +/-
PIN #: 01126112
Subdivision: STANLEY D. PHILLIPS & WF., VALERIE A.
Lot #: 1
Job File: RAMAHCH03032015
Date: MARCH 10, 2015

Curve	Radius	Tangent	Length	Chord	Chord Bear.
C1	474.89'	57.01'	113.48'	113.21'	S 21°45'33" W
C2	117.10'	31.45'	61.45'	60.76'	S 38°54'02" E

Course	Bearing	Distance
L1	S 85°03'26" E	60.62'
L2	N 89°31'20" W	60.58'

100 0 100 200 300
GRAPHIC SCALE – FEET

HENLINE INC
LAND SURVEYORS
1991 MAIDEN SALEM RD
MAIDEN, NC 28650
(704) 740-5148

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	05/15/07	**Amount:**	200.00
Receipt #:	50698	**Tendered:**	200.00
Check / Auth #:	CHECK 3678	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: 200000
Contractor: PHILLIPS STAN D
Attn:
Address: 14830 JUNE WASHAM RD
Address:
City/State/Zip: DAVIDSON, NC 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen LOT 1 RAMAH CHURCH RD		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
20.00	30.00				

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

Sheet: 1 of 2
Property ID: PO 011-261-12
Lot #: 1
File #: 7130B
AppID: 2301

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Stan Phillips
Applicant:
Address: 14830 June Washam Road, Davidson, N. C. 28036
Date Evaluated: 6/4/07
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: .5a inv.
Location of Site: Ramah Church Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 a: 1941 Structure/ Texture	1941 Consistence/ Mineralogy	PROFILE FACTORS b: 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-5	GR/SCL	FR/SEXP/SS/SP	>60" TO SOIL WETNESS	17	PS	NONE	PS, SAP II .35GPD/FT^2
		5-17	SBK/ABK/SC	VFI/EXP/VS/VP					
		17-60	M/SL	FR/SEXP/NS/NP					
2	"	0-6	GR/SCL	FR/SEXP/SS/SP	>60" TO SOIL WETNESS	32	"	"	"
		6-32	M/SCL	FR-FI/SEXP/SS/SP					
		32-60	M/SL	FRSEXP/NS/NP					
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	>64" TO SOIL WETNESS	32	"	"	"
		6-20	SBK/ABK/C	VFI/EXP/VS/VP					
		20-36	M/SCL	FR/SEXP/SS/SP					
		36-64	M/SL	FR/SEXP/NS/NP					
4	"	0-8	GR/CL	FR/SEXP/SS/SP	>63" TO SOIL WETNESS	18	"	"	"
		8-18	SBK/SCL	FR-FI/SEXP/SS/SP					
		18-63	M/SL	FR/SEXP/NS/NP					
					SITE LTAR .35GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 6/7/2007. W. R. Marlin
Others Present:
Site Classification (.1948): Site Revised 1-4-08
Site Evaluation By:
Others Present:

COMMENTS: FILE #: 7130B

100% repair

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		M-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				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations

