8959B

Supervisor/Administrative Professional Checklist

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

New Septic Fees Paid:

IP ($250.00) lwa 6/13/14 Initials/Date

CA ($200.00) lwa 9/10/14 Initials/Date

OP ($200.00) lwa 9/10/14 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 ☑ JPM

Please generate CA dated 7/15/15

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. ☑ 7/22/14

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 & Data Review Worksheet

GWS File #: 8959B WASPS App #: 6882

Primary ES assigned to project: Jeremy Michelone

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: 6			
	Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR 0.26	Yes ☑	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☑	No ☐	N/A ☐
130A-336 (a)(3)	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 ☐

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:

_____

_____

_____

_____

_____

IA issued date: _____

OP issued date: _____

Review performed by: JAM _____ Date performed: _____

8959B

MECKLENBURG COUNTY HEALTH DEPARTMENT

App # 6882

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: 013-091-02 PD

STREET ADDRESS: ~~6604 Beatties Ford Rd~~

CITY: Huntersville, 6516 Stephens Rd

STATE: NC ZIP: 28078

SUBDIVISION NAME: NA

LOT #: _____ LOT SIZE (acres): 8 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: 5000

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: _____ 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 ☒ 2 ANY TYPE ☒ 1 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? 2/1971 ☐ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? 6/27/2014 ☐ N/A

12. PROPERTY OWNER:

NAME: Melody Fuhr

ADDRESS: 432 Old Shortehills Rd

CITY: Shortehills

STATE: NJ ZIP: 07078

WORK PHONE: _____

MOBILE PHONE: 917 873 4112

FAX: _____

E-MAIL: Melody@myfaiclothing.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Julie Breedlove

ADDRESS: 330 E Monbo Rd

CITY: Statesville

STATE: NC ZIP: 28677

WORK PHONE: _____

MOBILE PHONE: 704 661 9619

FAX: _____

E-MAIL: juliebreedlove@kw.com

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.

MBF (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.

MBF — 5.30.14

Property Owner's or Owner's Legal Representative Signature — 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: $ 250 DATE FEE RECEIVED: 6/13/14

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: Dw

GWS FILE NUMBER ASSIGNED: 8959B

APPLICATION ID NUMBER ASSIGNED: 6882

COMMENTS:

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

MECKLENBURG COUNTY
Health Department

E. Winters Mabry, MD
Director

(704) 432-3199

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

1. The information on the application is true, complete and accurate.
2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.
3. I acknowledge that Julie Breedlove is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

013-091-02
Number Street Town
(Or Parcel Number)

Melody & Matthew Fuhr
Property Owner (print name)

Property Owner (signature)

6/30/14
Date

B56 - P566

8959B

MAP BOOK 56 PAGE 566

20140750066

OWNER CERTIFICATE

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.

BY: _____ DATE 7-1-14
OWNER

Keigan Nelson 7-1-14

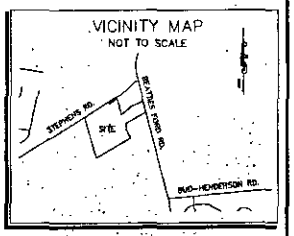
EXEMPT SUBDIVISION/RECOMBINATION PLAT

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

Whitney Hodge 7/14/14
TOWN PLANNER DATE

VICINITY MAP
NOT TO SCALE



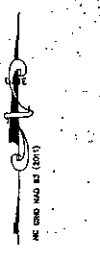
REVIEW OFFICER BLOCK

STATE OF NORTH CAROLINA
COUNTY OF CABARRUS

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

Whitney Hodge 7/14/14
REVIEW OFFICER DATE

FILED FOR REGISTRATION
JUL 03 2014
10:09 am



SETBACKS "R" ZONING

FRONT: 25'
SIDE: 12'
REAR: 25'

MECK. COUNTY GIS MONUMENT #829
GRID COORDS: (NAD 83)(2011)
N: 608,142.02'
E: 1,425,032.47'

POB: MAGNETIC NAIL
GROUND COORDS (NAD 83)(2011)
N: 608,069.70'
E: 1,424,988.95'

LOT 1
Area: 8.33 Acres
or 362,790 Sq.Ft.
JOHN M. NELSON, JR.
DB 3189, PG 218
PIN:013-091-02
DUPLEX LOT

LOT 2
Area: 8.00 Acres
or 348,480 Sq.Ft.
JOHN M NELSON, JR.
DB 3189, PG 218
PIN:013-091-02
DUPLEX LOT

6516 Stephens Rd

013-091-26

OUT OF 013-091-02

STEPHENS ROAD (60' PUBLIC R/W (SR 1136))

BEATTIES FORD ROAD (VARIABLE WIDTH PUBLIC R/W (SR 1136))

LEGEND:

R/W: RIGHT OF WAY
EXISTING PROPERTY LINES
LINES NOT SURVEYED (OR AS NOTED)
EXISTING RIGHT OF WAY LINE
EXISTING IRON FOUND
PIPE FOUND
IRON SET
COMPUTED POINT (NO POINT SET)

I, DAVID M. MEDLIN A REGISTERED LAND SURVEYOR No. L-4286, CERTIFY THAT THE SURVEY IS OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.

I, DAVID M. MEDLIN CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; LEGAL DESCRIPTION RECORDED IN DEED BOOK 3189 PAGE 218; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS FROM INFORMATION FOUND IN DEED BOOK 3189, PAGE 218; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS THE 4th DAY OF JUNE, A.D., 2014.

David M. Medlin

NOTES:

1. - BOUNDARY SURVEY MADE USING:
DEED BOOK: PAGE:
AS SHOWN
MAP BOOK: PAGE:
AS SHOWN
AS RECORDED IN MECKLENBURG CO. REGISTER OF DEEDS
2. - TAX PARCEL : 013-091-02
3. - IRON PINS ESTABLISHED AT ALL CORNERS (UNLESS OTHERWISE NOTED)
4. - TITLE SEARCH NOT DONE BY MEDLIN SURVEYING CO. PROPERTY SUBJECT TO ANY RECORDED EASEMENTS NOT SHOWN ON THIS SURVEY
5. - SUBJECT PROPERTY LIES WITHIN FEMA AREA "X" (FEMA MAP # 3710462000J - EFFECTIVE DATE 03-02-2009).
6. - AREA BY COORDINATE GEOMETRY METHOD
7. - SUBJECT PROPERTY IS ZONED: "R" (RURAL)
8. - SUBJECT PROPERTY LIES WITHIN THE McDOWELL WATERSHED AREA (CLASS CA-3).

NORTH CAROLINA PROFESSIONAL SEAL L-4286 LAND SURVEYOR DAVID M. MEDLIN

GRAPHIC SCALE

100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

MEDLIN SURVEYING CO.
2915 STALLINGS RD.
HARRISBURG, NC 28075
PH: 704/454-5541
EMAIL: MEDLINSURVEY@YAHOO.COM

Revisions:

Scale: 1"=100'
Date: 6-04-2014
Drawn By: DMM
Surveyed By:
Job No.: NELSON-PROPERTY

EXCEPTION PLAT: PART OF THE PROPERTY OF:
OWNER: JOHN M. NELSON, JR.
PIN: 013-091-02
HUNTERSVILLE TOWNSHIP OF MECKLENBURG COUNTY
8604 STEPHENS ROAD, HUNTERSVILLE, N.C. 28078

File #: _____

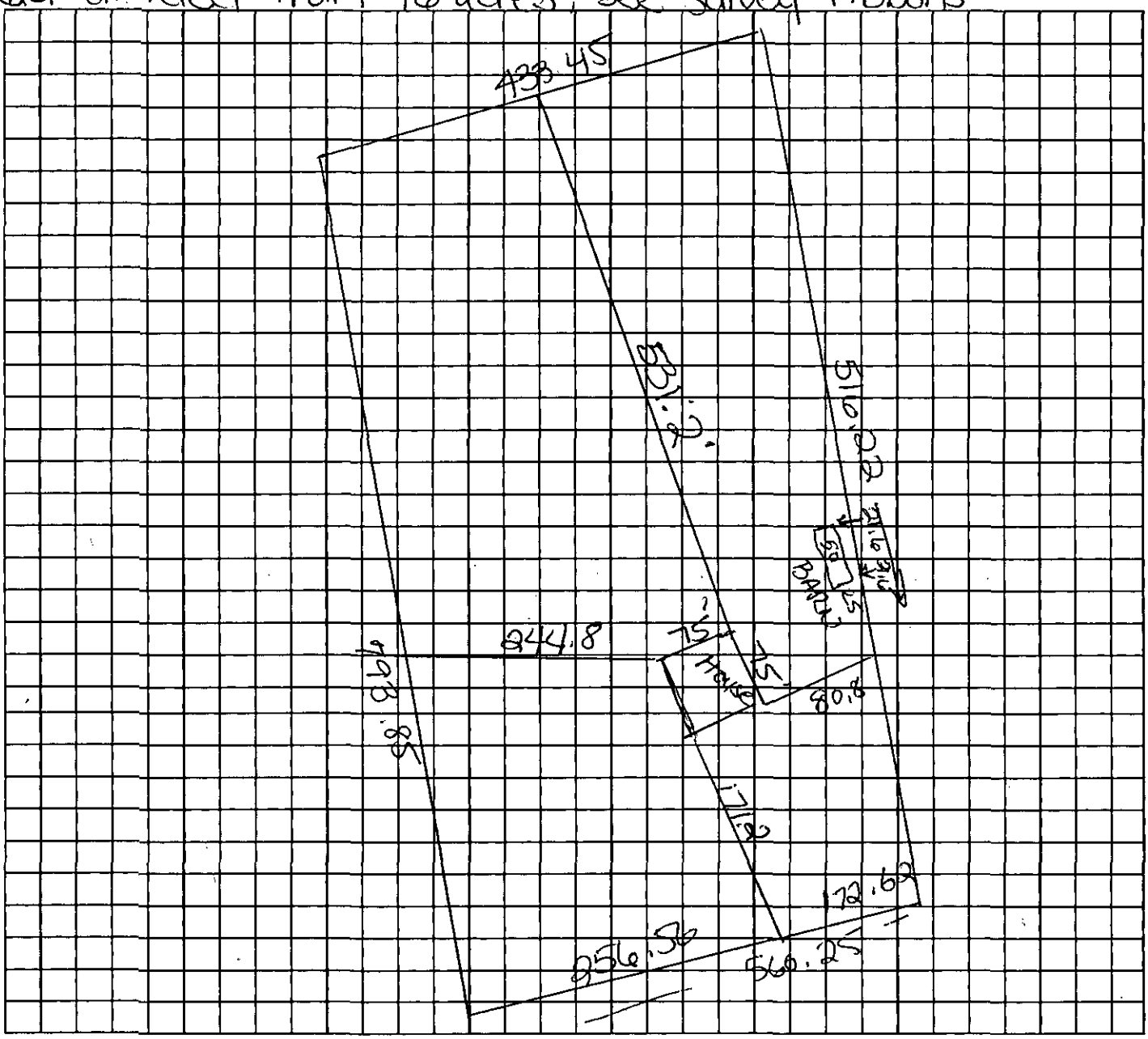
PROPOSED PLOT PLAN

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: 6604 ~~Brattles~~ Ford Rd Tax Parcel #: 013-091-02

Subdivision Name: 8 acres on Stephens Rd Lot #: _____

Subdivided from 16 acres, see survey ribbons



Jodie Breedlove
Property Owner's or Owner's Legal Representative Signature

6/10/14
Date

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: 013-091-02 (Portion of)
Lot #: 2
File #: 8959B
AppID: 6862

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property Owner: Melody Fuhr
Address: 434 Old Short Hills Rd, Short Hills, NJ 07078
Proposed Facility: 5 Bedroom House
Design Flow (.1949): 600 GPD
Location of Site: 6604 Stephens Rd, Huntersville, NC 28078
Water Supply: [X] Public [ ] Individual [ ] Well
Evaluation Method: [X] Auger Boring [ ] Pit
Type of Wastewater: [X] Sewage [ ] Industrial Process

Applicant: Julie Breedlove
Date Evaluated: 6/30/2014
Property Size: 8 ac
Property Recorded: 1971
[ ] Spring [ ] Other
[ ] Cut
[ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN:)	SOIL MORPHOLOGY 1941		b PROFILE FACTORS						Maximum Trench Bottom Depth for 3' Wide Conventional Trench
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr. Horiz	General Comments	Profile Class & LTAR	
Boring #1	LS 10%	0 - 8	gr SL	FR SEXP	>18"	18	NA	NA		US	NA
		8 - 18	mcabk C	VFI EXP							
Boring #2	LS 12%	0 - 4	gr CL	FR SEXP	>46"	46	NA	NA		PS IV 0.25	30"
		4 - 26	mmabk C	FI SEXP							
		26 - 46	wmabk CL	FR SEXP							
		46+	Saprolite								
Boring #3	LS 10%	0 - 5	wfsbk CL	FR SEXP	>48"	48	NA	NA	few saprolite inclusions 38 - 48"	PS IV 0.275	32"
		5 - 38	mmabk C	FI SEXP							
		38 - 48	wmabk CL	FR SEXP							
Boring #4	LS 12%	0 - 7	gr SL	FR SEXP	>18"	18	NA	NA		US	NA
		7 - 18	mcabk C	VFI EXP							
Boring #5	LS 6%	0 - 8	wfsbk CL	FR SEXP	>48"	48	NA	NA	manganese inclusions 26 - 48"	PS IV 0.25	34"
		8 - 26	mfabk C	FI SEXP							
		26 - 48	wfabk C	FI SEXP							
Boring #6	LS 6%	0 - 8	wfsbk CL	FR SEXP	>48"	48	NA	NA		PS IV 0.275	34"
		8 - 48	mfabk C	FI SEXP							

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

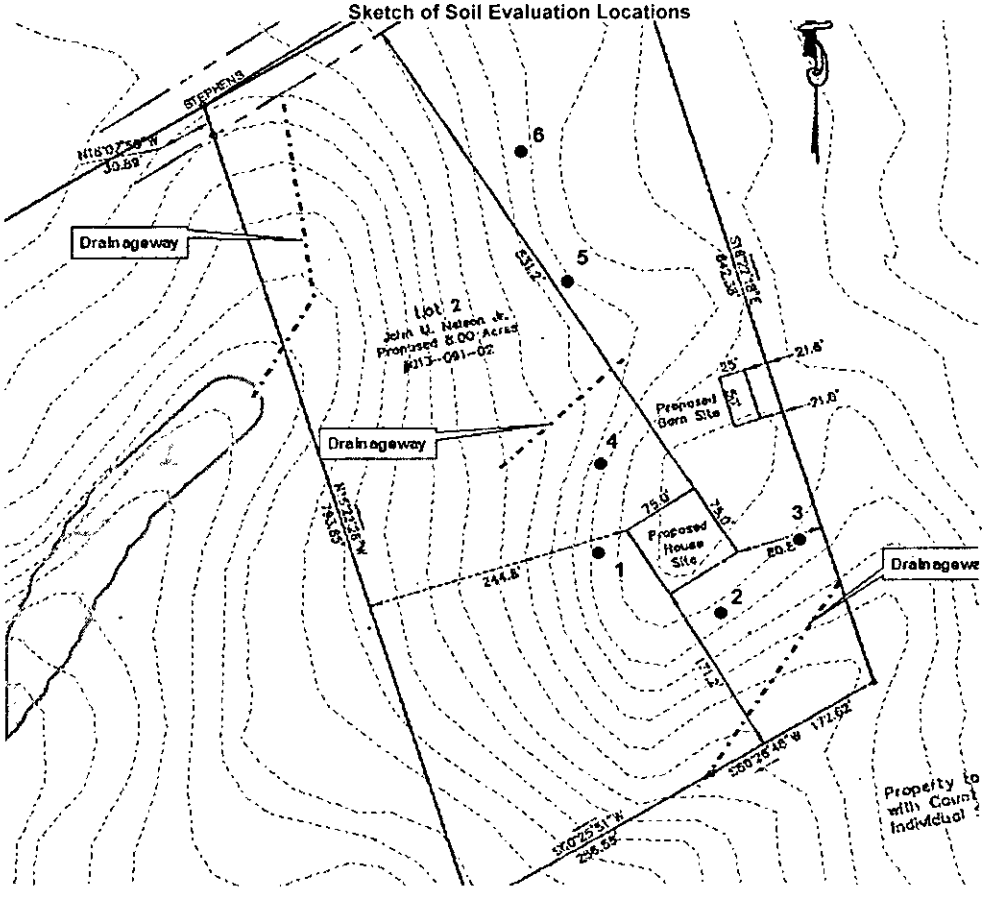
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, REHSI, LSS
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Jeremy Michelone, REHS
Others Present: Julie Breedlove,

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
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		CL-Clay Loam		Sap-Saprolite
FP-Flood Plain		SCL-Sandy Clay Loam		**Structure Prefixes**
D-Drainage Way		SiL-Silt Loam		w-weak
				m-moderate
				s-strong
				f-fine
	IV	SC-Sandy Clay	0.4 - 0.1	m-medium
		SiC-Silty Clay		c-coarse
		C-Clay		

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

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 #: **30006882** GWS File #: **8959B** Tax Parcel #: **013-091-02**

- 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):** 7/8/2019

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

Structure Type: HOUSE Size (ft^2): 5000 # Bedrooms: 5 # Occupants: 4

Building Foundation: Crawl Space Water Supply: Municipal

II. Initial System Type: Pump to Accepted **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.25	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1800	Total Trench Length (ft):	600
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

III. Repair System Type: Pump to Accepted **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.25	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1800	Total Trench Length (ft):	600
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, 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 an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Jeremy Michelone Owner/Legal Agent: Julie Breedlove

Print Name

Signature: Jeremy Michelone REHS Signature: Julie Breedlove

Date Issued: 7/8/2014

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 #: **30006882** GWS File #: **8959B**

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- The supply pipe shall be installed with a minimum of 30" of compacted cover over the pipe or properly sleeved under areas that are subject to vehicular traffic.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, 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.

DENR Authorized Agent: Jeremy Michelone

Signature: Jeremy Michelone RHS

Date Issued: 7/8/2014

Owner/Legal Agent: Julie Breedlove
Print Name

Signature: Julie Breedlove

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

Sheet: 1 of 2
Property ID: 013-091-02 (Portion of)
Lot #: 2
File #: 8959B
AppID: 6862

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property Owner: Melody Fuhr
Applicant: Julie Breedlove
Address: 434 Old Short Hills Rd, Short Hills, NJ 07078
Date Evaluated: 6/30/2014
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Property Size: 8 ac
Location of Site: 6604 Stephens Rd, Huntersville, NC 28078
Property Recorded: 1971
Water Supply: [X] Public [ ] Individual [ ] 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 10%	0 - 8	gr SL	FR SEXP	>18"	18	NA	NA		US	NA
		8 - 18	mcabk C	VFI EXP							
Boring #2	LS 12%	0 - 4	gr CL	FR SEXP	>46"	46	NA	NA		PS IV 0.25	30"
		4 - 26	mmabk C	FI SEXP							
		26 - 46	wmabk CL	FR SEXP							
		46+	Saprolite								
Boring #3	LS 10%	0 - 5	wfsbk CL	FR SEXP	>48"	48	NA	NA	few saprolite inclusions 38 - 48"	PS IV 0.275	32"
		5 - 38	mmabk C	FI SEXP							
		38 - 48	wmabk CL	FR SEXP							
Boring #4	LS 12%	0 - 7	gr SL	FR SEXP	>18"	18	NA	NA		US	NA
		7 - 18	mcabk C	VFI EXP							
Boring #5	LS 6%	0 - 8	wfsbk CL	FR SEXP	>48"	48	NA	NA	manganese inclusions 26 - 48"	PS IV 0.25	34"
		8 - 26	mfabk C	FI SEXP							
		26 - 48	wfabk C	FI SEXP							
Boring #6	LS 6%	0 - 8	wfsbk CL	FR SEXP	>48"	48	NA	NA		PS IV 0.275	34"
		8 - 48	mfabk C	FI SEXP							

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

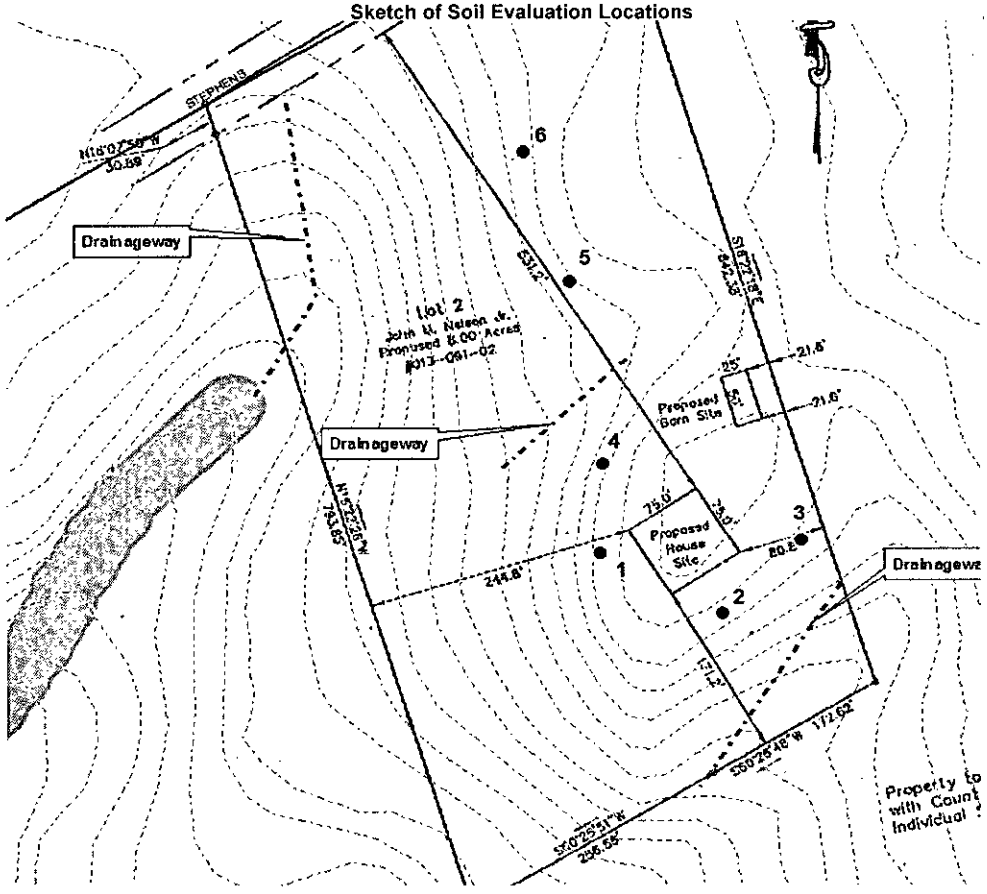
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, REHSI, LSS
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:

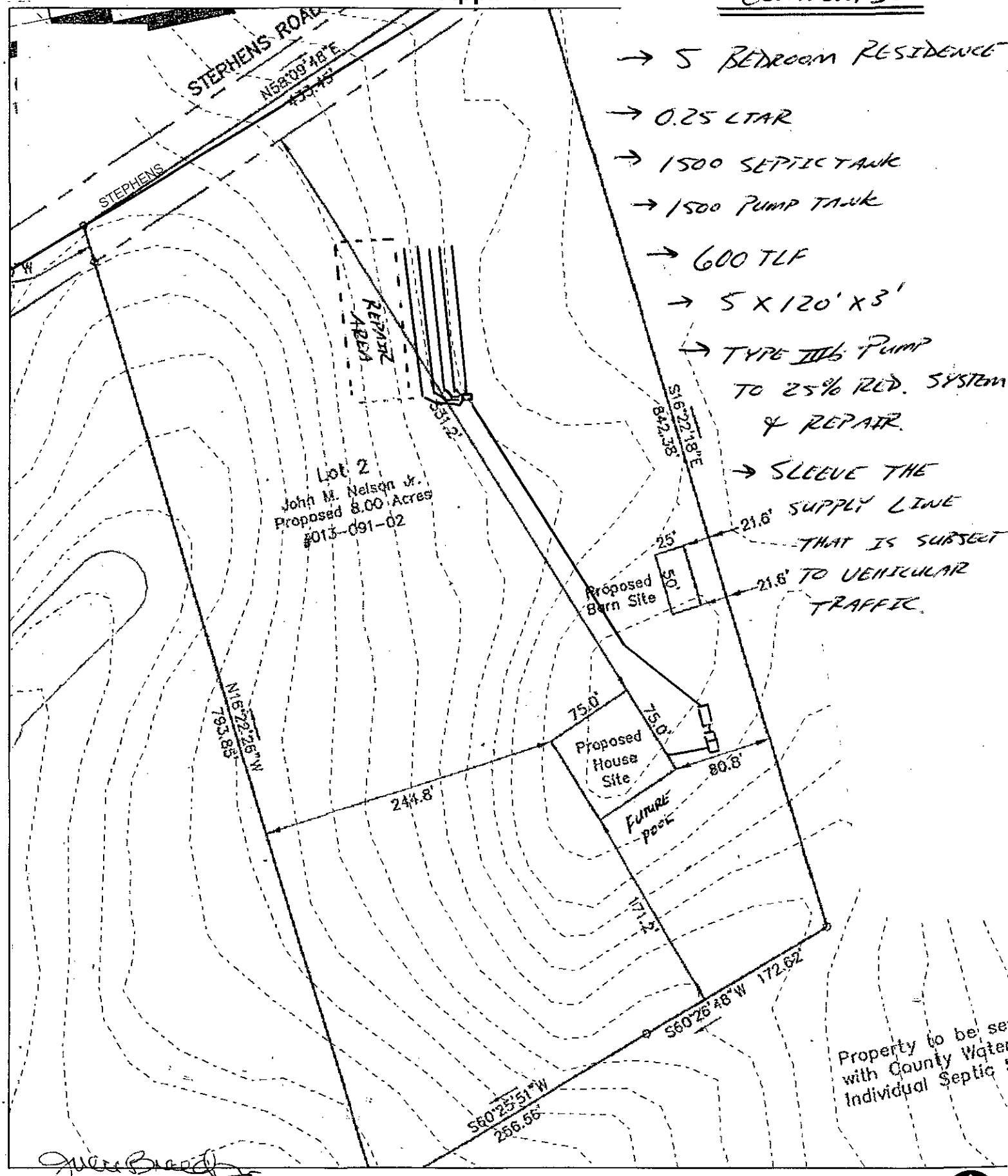
Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	sg-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		mass-Massive
LS-Linear Slope				cr-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	gr-Granular
NS-Nose Slope		L-Loam		sbk-Subangular Blocky
HS-Head Slope				abk-Angular Blocky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



Parcel # 013-091-02
File # 8959B
AppID: 6882



Comments:

→ 5 BEDROOM RESIDENCE

→ 0.25 LTAR

→ 1500 SEPTIC TANK

→ 1500 PUMP TANK

→ 600 TLF

→ 5 X 120' X 3'

→ TYPE IIIb PUMP TO 25% RED. SYSTEM & REPAIR.

→ SLEEVE THE SUPPLY LINE THAT IS SUBJECT TO VEHICULAR TRAFFIC.

Map Created By: Jerry Beck, REHS
Map Created On: 7/8/14

0 50 100 Feet

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

Septic System Pre-Construction Meeting Checklist

File # 19598 App # 6782 Tax Parcel # 013-091-02

Property Owner: Melody Fuhr

Job Location Address: 6516 Stephens Road

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: Tank location moved to accomodate the future barn. Will not affect the installation.

*** 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 — Date: 7/15/15

Others Present

S

FEE: 200.00
DATE:8/5/2015

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 8959B

PERMIT NUMBER: 30006882

PARCEL NUMBER: 01309126

JOB LOCATION INFORMATION

ADDRESS: 6516 STEPHENS RD

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

ISSUED TO: Melody Fuhr

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: ~~8/5/2015~~ 7/15/15

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30006882, 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.

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/13/14	**Amount:**	250.00
Receipt #:	89824	**Tendered:**	250.00
Check / Auth #:	CHECK 2005	**Returned:**	0.00
Received By:	SADERLW		

Account Information

Account #: 200000
Contractor: FUHR MATTHEW & MELODY
Attn:
Address: 434 OLD SHORT HILLS RD
Address:
City/State/Zip: SHORT HILLS, NJ 07078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 6604 BEATTIES FORD RD		1	250.00	250.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
250.00	205.00	650.00	565.00	849.65	

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	09/10/14	**Amount:**	200.00
Receipt #:	90713	**Tendered:**	200.00
Check / Auth #:	VISA 025014	**Returned:**	0.00
Received By:	SADERLW		

Account Information

Account #: 200000
Contractor: FUHR MATTHEW
Attn:
Address: 434 OLD SHORT HILLS RD
Address:
City/State/Zip: SHORT HILLS, NJ 07078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorization FILE 8959B		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
	587.40		270.00	1,859.65	

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 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 #: 19578 Permit #: 6882 Tax Parcel #: 013-091-02

Property Owner: MELODY FLAIR

Job Location Address: 6516 STEPHENS ROAD

City: HUNTERSVILLE State: NC Zip Code: 28078

Operation Permit Issuance Date: 7/30/15 Contractor Name: SID CASKEWS

Permitted Design Flow: 600 GPD Liquid Capacity of Dosing Tank: 1500 gallons

Liquid Capacity of Septic Tank: 1500 gallons Manufacture INFILTRATOR PLASTIC TANKS Effluent Pump Model: GOULDS 1/2

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 600 feet

# of Lines: 5 @ 120 feet

Depth of Media: 12 inches (Type) IQ4W

Depth of Cover: 18 inches

Distribution Device: P. MANIFOLD

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source IRRIGATION

☒ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 144' feet

Distance from Property Line: >10' feet

Distance from Water Supply Source: 201' feet

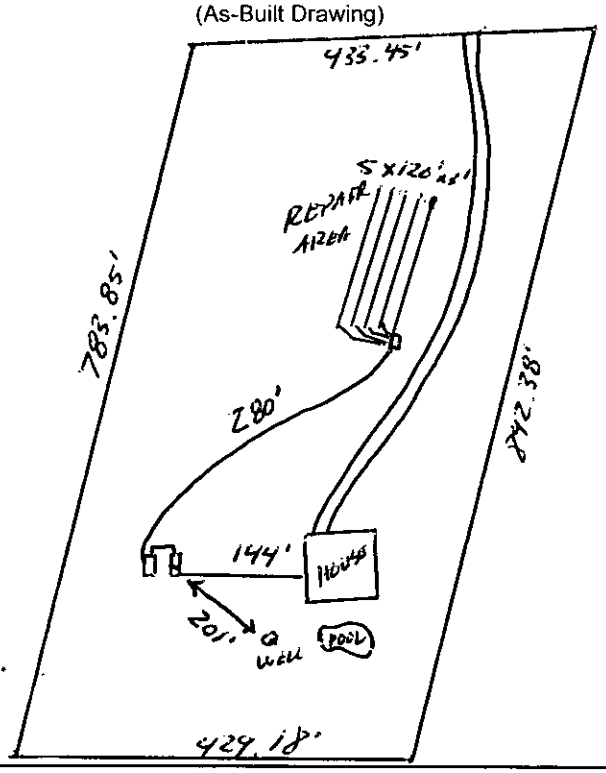
Inspection Dates

Tank(s) Inspected: 7/16/15

Excavation Inspected: 7/16/15

Pump & Controls Inspected: 7/16/15

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: III b, PRESSURE, IQ4W, NA, NA

DENR Authorized Agent: Jeremy Nicholson, REHS Signature: Jeremy Nicholson, REHS

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

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 89598 Permit #: 6882 Tax Parcel #: 013-091-02

Property Owner: Melody Fuhr

Job Location Address: 6516 Stephens Road

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: IIIb

*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: Jeremy Nicholas, REHS Date: 7/30/15

Signature: Jeremy Nicholas, REHS

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	09/10/14	**Amount:**	200.00
Receipt #:	90712	**Tendered:**	200.00
Check / Auth #:	VISA 025014	**Returned:**	0.00
Received By:	SADERLW		

Account Information

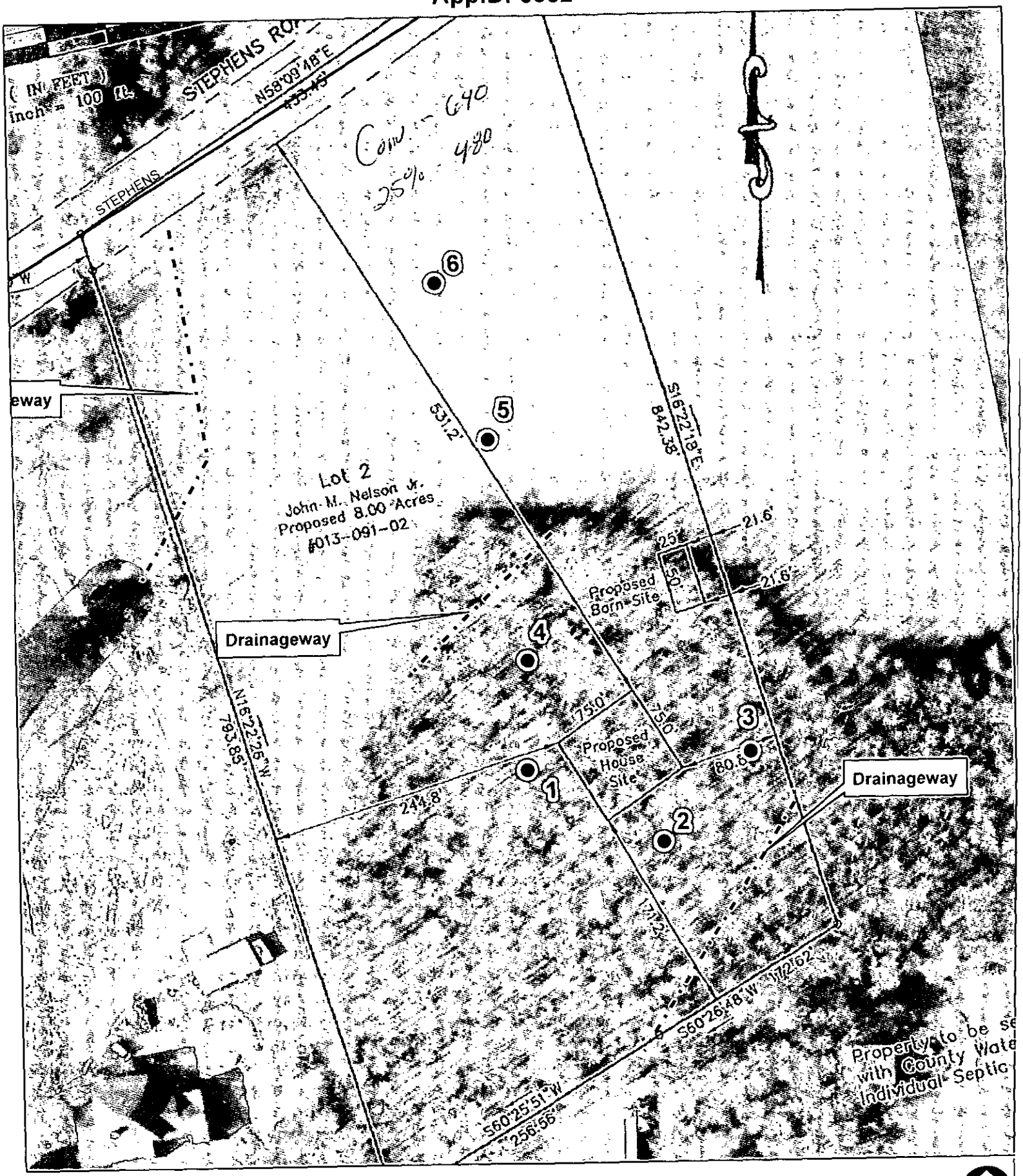
Account #: 200000
Contractor: FUHR MATTHEW
Attn:
Address: 434 OLD SHORT HILLS RD
Address:
City/State/Zip: SHORT HILLS, NJ 07078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit FILE #8959B		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
	587.40		270.00	1,859.65	

Parcel # 013-091-02
File # 8959B
AppID: 6882



Map Created By:
Map Created On:

0 50 100 Feet