8038B

JAM

424

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

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

MBA

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 13537121

STREET ADDRESS: Matthews-Mint Hill Rd

CITY:

STATE: NC ZIP:

SUBDIVISION NAME:

LOT #: 2 LOT SIZE (acres):

TOWNSHIP:

☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☑ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:

BUILDING TYPE:

☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☑ HOUSE ☐ OTHER _____

HEATED SQUARE FOOTAGE: 3500

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS: 2

FOUNDATION TYPE:

☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☑ CRAWL SPACE ☐ BASMENT 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: 4 NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ☐ MUNICIPAL ☑ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. PROPOSED USE OF WELL: ☐ N/A ☑ IRRIGATION ☑ POTABLE (DRINKING WATER) ☐ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED):*

☐ N/A ☐ ANY TYPE ☑ CONVENTIONAL ☑ ACCEPTED ☑ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** ____ ____ ____ ____ ____

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? Feb 2, 1996 ☐ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? July 15, 2009 ☐ N/A

12. PROPERTY OWNER:

NAME: Robert Johnson JR.
ADDRESS: 104 Herron Dr.
CITY: Knoxville
STATE: TN ZIP: 37919
HOME PHONE:
WORK PHONE:
MOBILE PHONE: (865) 250 0381
FAX:

Proposed Buyer
Mike Richardson
9105 Man of War Dr
Waxhaw, N.C.
28173
(704) 905 8131

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE:
WORK PHONE:
MOBILE PHONE:
FAX:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5108, FAX: 704-336-6694

Revised on: 7/1/08

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.

MSR _____ (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.

MSR _____ (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.

Proposed Buyer - Michael S. Rose 6-11-09 Contract on property -

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 FEES RECEIVED: $ 250.00 CHK # 6618 DATE FEE RECEIVED: 6/15/09

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

APPLICATION PROCESSED BY: JC

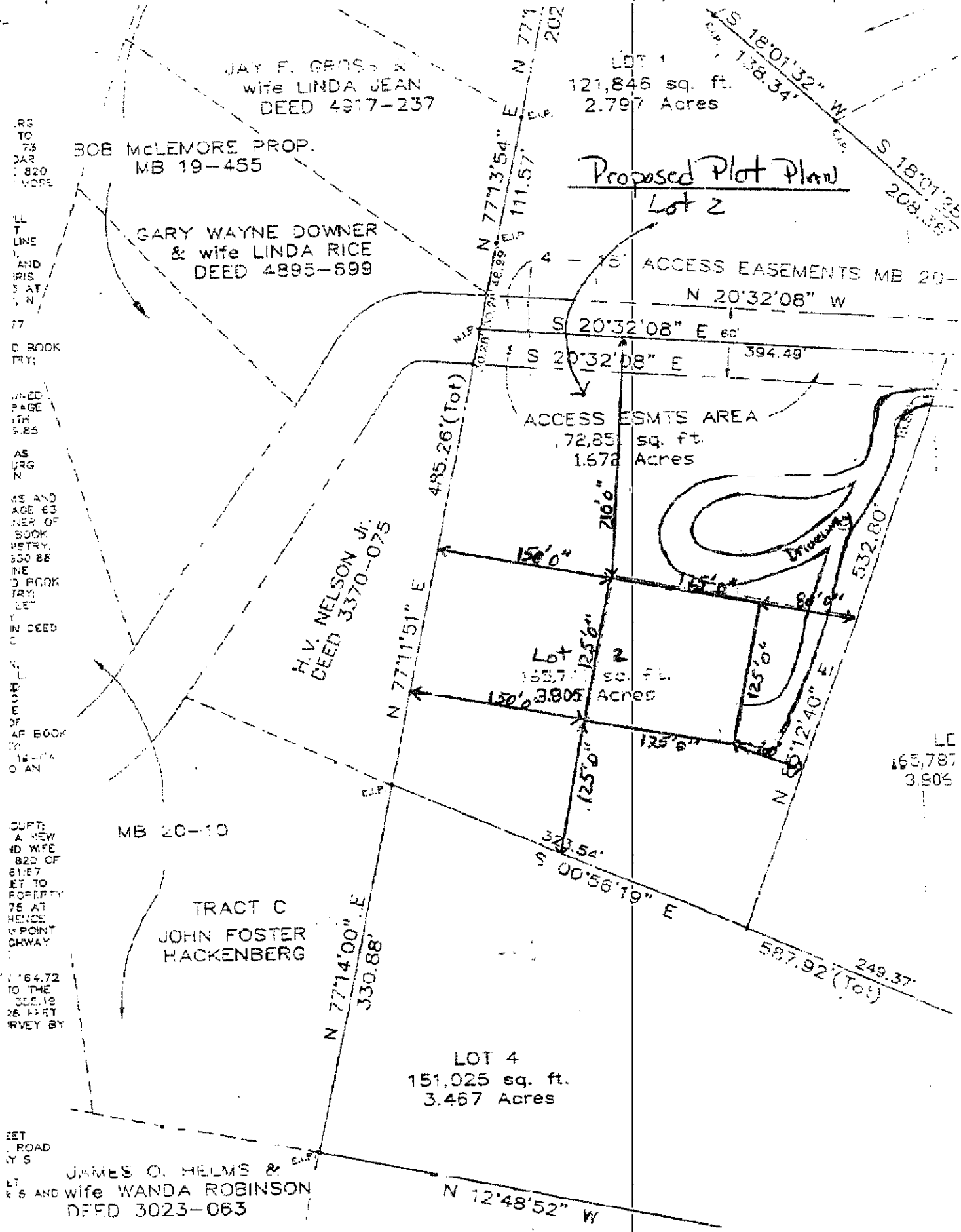
GWS FILE NUMBER ASSIGNED: U 8038B

APPLICATION ID NUMBER ASSIGNED: 4242

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: 7/1/08


JAY F. GRIGGS & wife LINDA JEAN DEED 4917-237
BOB McLEMORE PROP. MB 19-455
GARY WAYNE DOWNER & wife LINDA RICE DEED 4895-699
LOT 1
121,846 sq. ft.
2.797 Acres
Proposed Plat Plan
Lot 2
4 - 15' ACCESS EASEMENTS MB 20-
N 20°32'08" W
S 20°32'08" E 60'
S 20°32'08" E
394.49'
ACCESS ESMTS AREA
72,85 sq. ft.
1.672 Acres
N 77°13'54" E 111.57'
S 18°01'32" W 138.34'
S 18°01'32" W 208.38'
485.26'(Tot)
H.V. NELSON Jr. DEED 3370-075
N 77°11'51" E
216'0"
150'0"
135'0"
80'0"
532.80'
Driveway
Lot 2
150'0"
125'6"
125'0"
N 85°12'40" E
MB 20-10
TRACT C
JOHN FOSTER HACKENBERG
N 77°14'00" E 330.88'
S 00°56'19" E 323.54'
597.92'(Tot)
249.37'
LOT 4
151,025 sq. ft.
3.467 Acres
JAMES O. HELMS & wife WANDA ROBINSON DEED 3023-063
N 12°48'52" W

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

Sheet: 1 of 2
Property ID: 135-371-21
Lot #:
File #: 8038B
AppID: 4242

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Robert Johnson Jr.
Address: 104 Herron Dr. Knoxville, TN 37919
Proposed Facility: Residence Design Flow (.1949): 480 GPD
Location of Site: Private drive off Matthews-Mint Hill Rd. PID 135-371-21
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Mike Richardson
Date Evaluated: 6/19/2009
Property Size:
Property Recorded:

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	3%	0-8	SCL	FR/SS/SP	>48" to soil wetness				0.3 GPD/FT^2
		8-32	C	FI/S/P					
		32-48	C-few relic	FI/S/P					
2	3%	0-10	SCL	FR/SS/SP	"				0.3 GPD/FT^2
		10-48	C	FI/S/P					
3	3%	0-36	C	FI/S/P	"				0.275 GPD/FT^2
		36-48	C-Mag noted	FI/S/P					
4	3%	0-48	C	FI/S/P	"				0.3 GPD/FT^2
5	3%	0-30	C	FI/S/P	"				0.275 GPD/FT^2
		30-48	C-Mag noted						
									0.275 GPD/FT^2
				Site LTAR					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIa	IIa
Site LTAR	0.275	0.275

Other Factors (.1946):
Soil Evaluation By: Jeremy Michael
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Jeremy Michael
Others Present: Jeremy Michael

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		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		

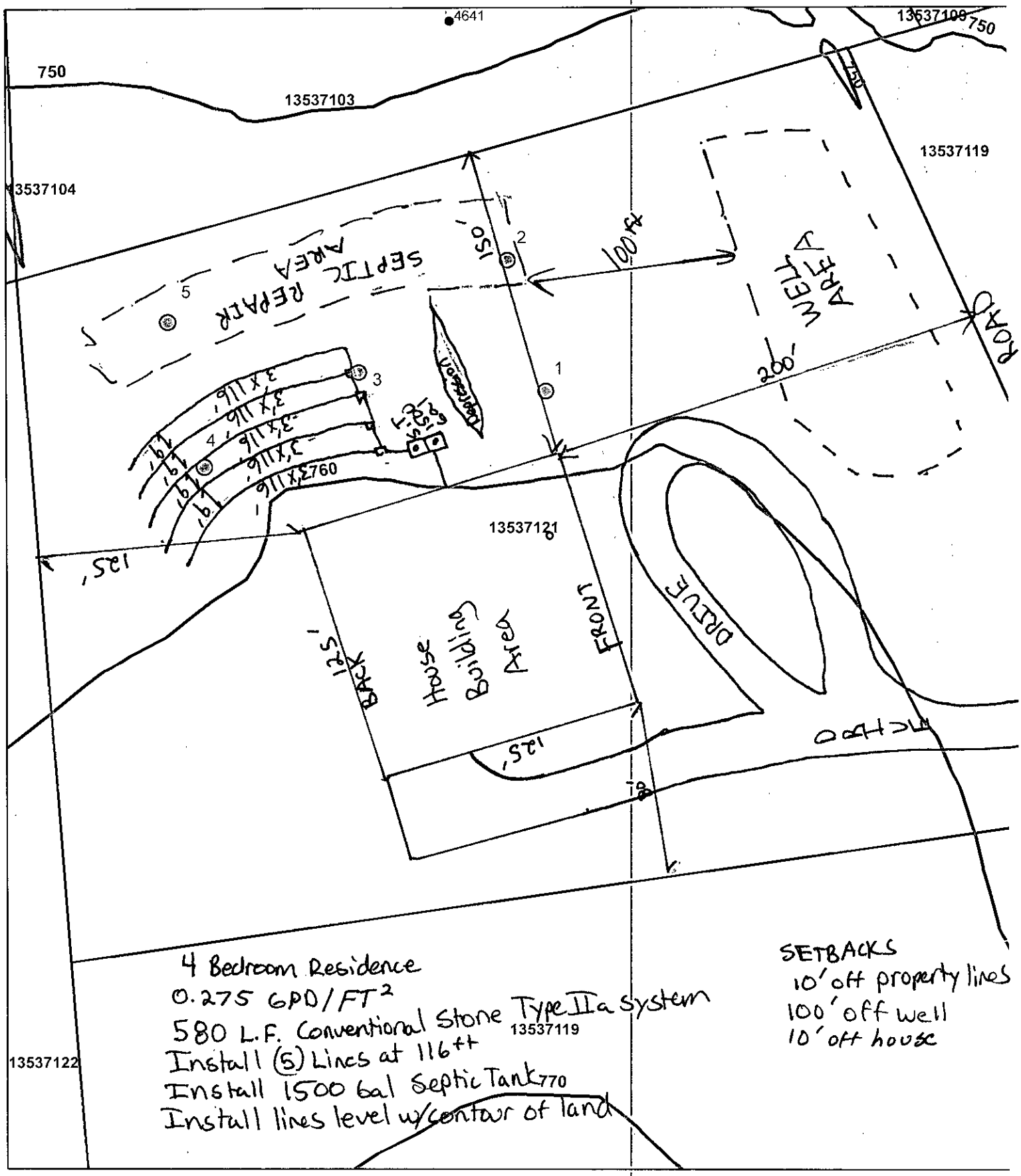
Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations

SOIL EVALUATION LOCATIONS FOR
Parcel # 197-041-44
WAPSPS APPLICATION # 4230



PLOT PLAN FOR SEPTIC SYSTEM
Parcel # 135-371-21
WAPSPS APPLICATION # 4242



4 Bedroom Residence
0.275 GPD/FT²
580 L.F. Conventional Stone Type IIa system
Install (5) Lines at 116ft
Install 1500 gal Septic Tank
Install lines level w/contour of land

SETBACKS
10' off property lines
100' off well
10' off house

Map Created By: J. Michael
Map Created On: 6/22/09
Jeremy Michael

0 30 60 120 Feet
Auger Boring 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 #: **30004242** GWS File #: **8038B** Tax Parcel #: **135-371-21**

- 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):** 6/22/2014

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

Structure Type: HOUSE Size (ft^2): 3500 # Bedrooms: 4 # Occupants: 2

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: Conventional **System Classification:** IIa

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.275	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1745	Total Trench Length (ft):	582
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Drop Boxes		

III. Repair System Type: Conventional **System Classification:** IIa

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.275	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1745	Total Trench Length (ft):	582
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Drop Boxes		

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 Michael Owner/Legal Agent: _____
Print Name

Signature: Jeremy Michael Signature: _____

Date Issued: 6/22/2009

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 #: **30004242** GWS File #: **8038B**

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 10 feet from any foundation drain.

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 Michael

Signature: Jeremy Michael

Date Issued: 6/22/2009

Owner/Legal Agent: _____
Print Name

Signature: _____