Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 7305 B WASPS App #: 2037

Primary ES assigned to project: DC

Secondary ES assigned to project:

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

I. File Review:

FOUNDATION TYPE C/C

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: 5 Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR .3	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 ☐

Comments: slow well OK

slow low for loose off rock OK

Items requiring correction/modification: _____

IA issued date: _____

OP issued date: _____

Review performed by: ICR

Date performed: 2-22-08

add'l site $100 CK 11/30/07 BM

FILE NUMBER: 7385B

SEPTIC FEE: 200.00
DATE: 10/16/07
CK# 1832

Revised On: August 31, 2007

APPLICATION NUMBER: 2837

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

WELL FEE: _____
DATE: _____

1. **SEPTIC / TYPE APPLICATION:** ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. **JOB LOCATION INFORMATION:**

TAX PARCEL NUMBER: 13937111
STREET ADDRESS: 9604 BARTLETT RD
CITY:
STATE: NC ZIP:
SUBDIVISION NAME:
LOT #: 2 LOT SIZE (acres): 1
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:
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS:
FOUNDATION TYPE:
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING 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 ☐ PUBLIC WELL ☒ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

7. **PROPOSED USE OF WELL:** ☐ N/A ☐ IRRIGATION ☒ POTABLE ☐ GEOTHERMAL ☐ OTHER

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

☐ ANY TYPE ☒ CONVENTIONAL ☐ ACCEPTED ☒ INNOVATIVE ☒ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** 1 ___ 2 3 ___

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

10. **PROPERTY OWNER:**

NAME: DENNIS REYNOLDS
ADDRESS: 12200 BAIN School RD
CITY: CHARLOTTE
STATE: NC ZIP: 28227
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

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

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

12. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 1983
13 **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 10-01-07

14. **SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:**
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 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Greg Story 09-18-07
Property Owner's or Owner's Legal Representative Signature Date

704-361-0825

15. **WELL PERMIT APPLICATION SIGNATURE SECTION:**
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 12 months from the date of issuance.

Property Owner's or Owner's Legal Representative Signature Date

☐ SURVEY PLAT TO SCALE SUBMITTED ☒ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	11/30/07	**Amount:**	200.00
Receipt #:	53875	**Tendered:**	200.00
Check / Auth #:	CHECK 1841	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: 200000
Contractor: GRACE PROPERTIES OF THE CARO
Attn:
Address: 9930 BLACK HORSE RUN
Address:
City/State/Zip: FORT MILL, SC 29715

Item	Description	Permit#	Quantity	Unit Price	Total Price
0702	Optional Site Evaluations LOTS 3 & 4 BARTLETT RD/FILES 7385B,7386B		1	200.00	200.00

----------**Outstanding Balances**----------

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

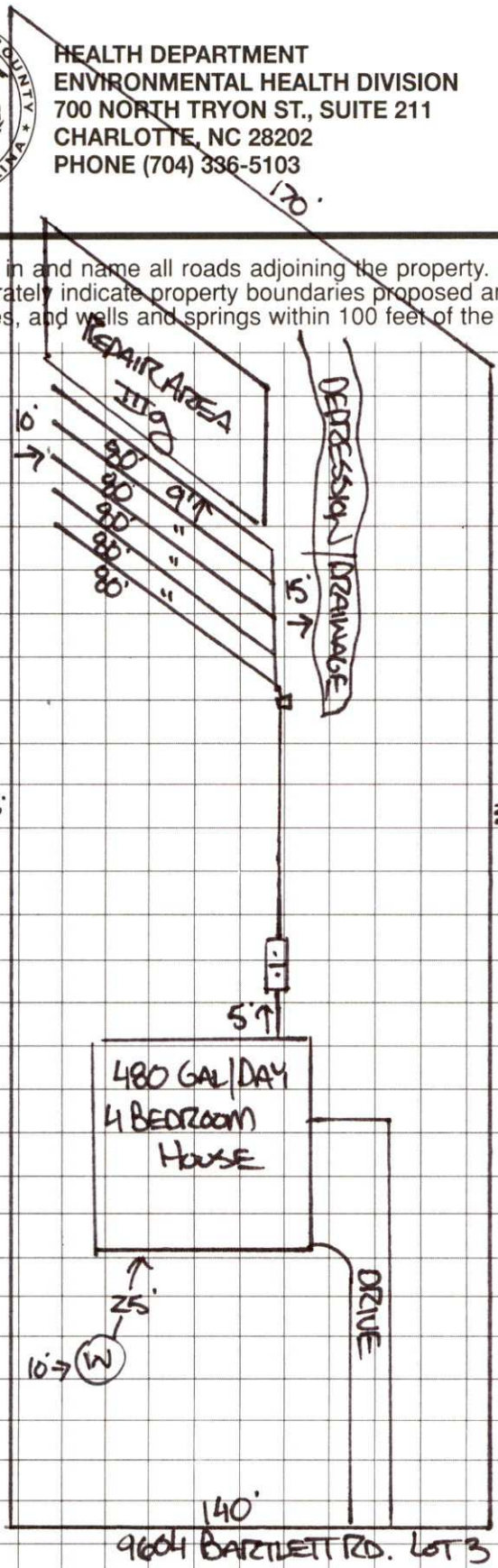
PROPOSED PLOT PLAN 1"=50'

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 7385B

TC: 139-371-11

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



- SEPTIC DESIGN FOR A 4 BEDROOM HOUSE
- 480 GAL/DAY MAX
- LTAR = 0.3 GAL/DAY/FT²

INNOVATIVE, 25% REDUCTION, TYPE IIG

INSTALL 5 LINES @ 80' EA.
PLACE LINES LEVEL, ON CONTOUR & ON 9' CTRS.

334'

- 1500 GAL SEPTIC TANK
- D-BOX W/ DROP T

SETBACKS: >10' FROM PROPERTY LINE
>5' FROM HOUSE
>50' FROM ALL WELLS

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE 2/14/08

RS

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

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

2nd site

Sheet: 1 of 2
Property ID: PO 139-371-11
Lot #: 3
File #: 7385B
AppID: 2837

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Dennis Reynolds
Applicant: Greg Story
Address: 12200 Bain School Road, Charlotte, N. C. 28227
Date Evaluated: 12/18/2007
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: 1.0a
Location of Site: 9604 Bartlett Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [X] 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	0-4	GR/SCL	FR/SEXP/SS/SP	>45" TO SOIL WETNESS	45	N/A	NONE	PS, IV .3GPD/FT^2
		4-35	SBK/C	FI/SEXP/S/P					
		35-45	SBK/CL	FR/SEXP/SS/SP					
2	"	0-4	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	"
		4-36	SBK/C	FI/SEXP/S/P					
		36-48	SBK/CL	FR/SEXP/SS/SP					
3	LS, 10	0-3	GR/CL	"	"	"	"	"	"
		3-8	SBK/CL	"					
		8-48	SBK/C	FI/SEXP/S/P					
4	"	0-5	GR/CL	FR/SEXP/SS/SP	>43" TO SOIL WETNESS	43+	"	"	"
		5-30	SBK/C	FI/SEXP/S/P					
		30-43	SBK/CL	FR/SEXP/SS/SP					
		BORING TERMINATED AT 43" FLOATER ROCK							
5	LS, 8	0-4	GR/CL	FR/SEXP/SS/SP	>37" TO FLOATER ROCK	37+	"	"	"
		4-28	SBK/C	FI/SEXP/S/P					
		28-37	SBK/CL	FR/SEXP/SS/SP					
		BORING TERMINATED AT 37" FLOATER ROCK							
					SITE LTAR .3GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIg	IIIg
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 12/27/2007,
Others Present: G. Story
Site Classification (.1948): Provisionally Suitable
Site Evaluation By: David Cornelius, RS
Others Present: Greg Story

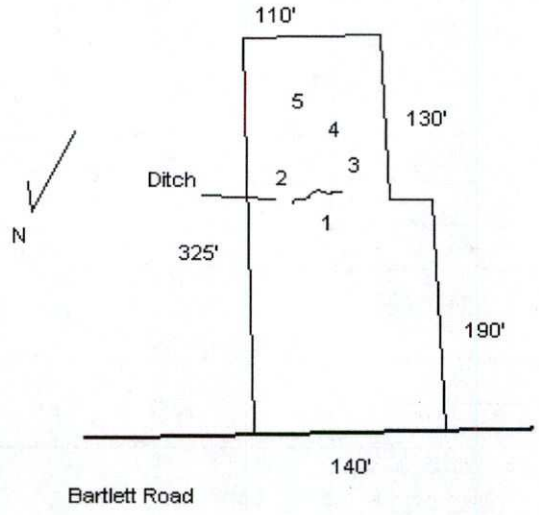
DC Marlin, RS

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



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

Sheet: 1 of 2
Property ID: PO 139-371-11
Lot #: 3
File #: 7385B
AppID: 2837

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Applicant: Greg Story
Address: Dennis Reynolds
Date Evaluated: 10/25/07
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: 1.5a
Location of Site: 9604 Brief Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] 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	0-4	GR/SCL	FR/SEXP/SS/SP	>47" TO SOIL WETNESS	47	N/A	NONE	PS, IV .3GPD/FT^2
		4-31	SBK/C	FI/SEXP/S/P					
		31-47	SBK/SCL	FR/SEXP/SS/SP					
2	"	0-5	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	"
		5-48	SBK/ABK/C	FI/SEXP/S/P					
3	"	0-3	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		3-8	SBK/SCL	"					
		8-34	SBK/C	FI/SEXP/S/P					
		34-48	SBK/SCL	FR/SEXP/SS/SP					
4	"	0-3	GR/SCL	"	>46" TO SOIL WETNESS	46+	"	"	"
		3-33	SBK/C	FI/SEXP/S/P					
		33-46	SBK/CL	FR/SEXP/SS/SP					
		BORING	TERMINATED	AT 46" FLOATER ROCK					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	>42" TO SOIL WETNESS	42+	"	"	"
		4-32	SBK/C	FI/SEXP/S/P					
		32-38	SBK/SCL	FR/SEXP/SS/SP					
		38-42	SBK/C	FI/SEXP/S/P					
		BORING	TERMINATED	AT 42" FLOATER ROCK					
					SITE LTAR .3GPD/FT^2				

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

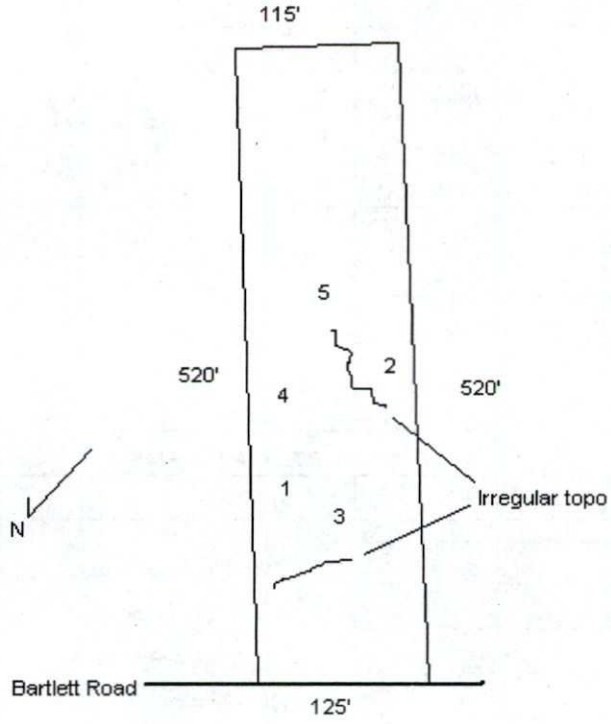
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 10/31/2007, W. R. Marlin
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

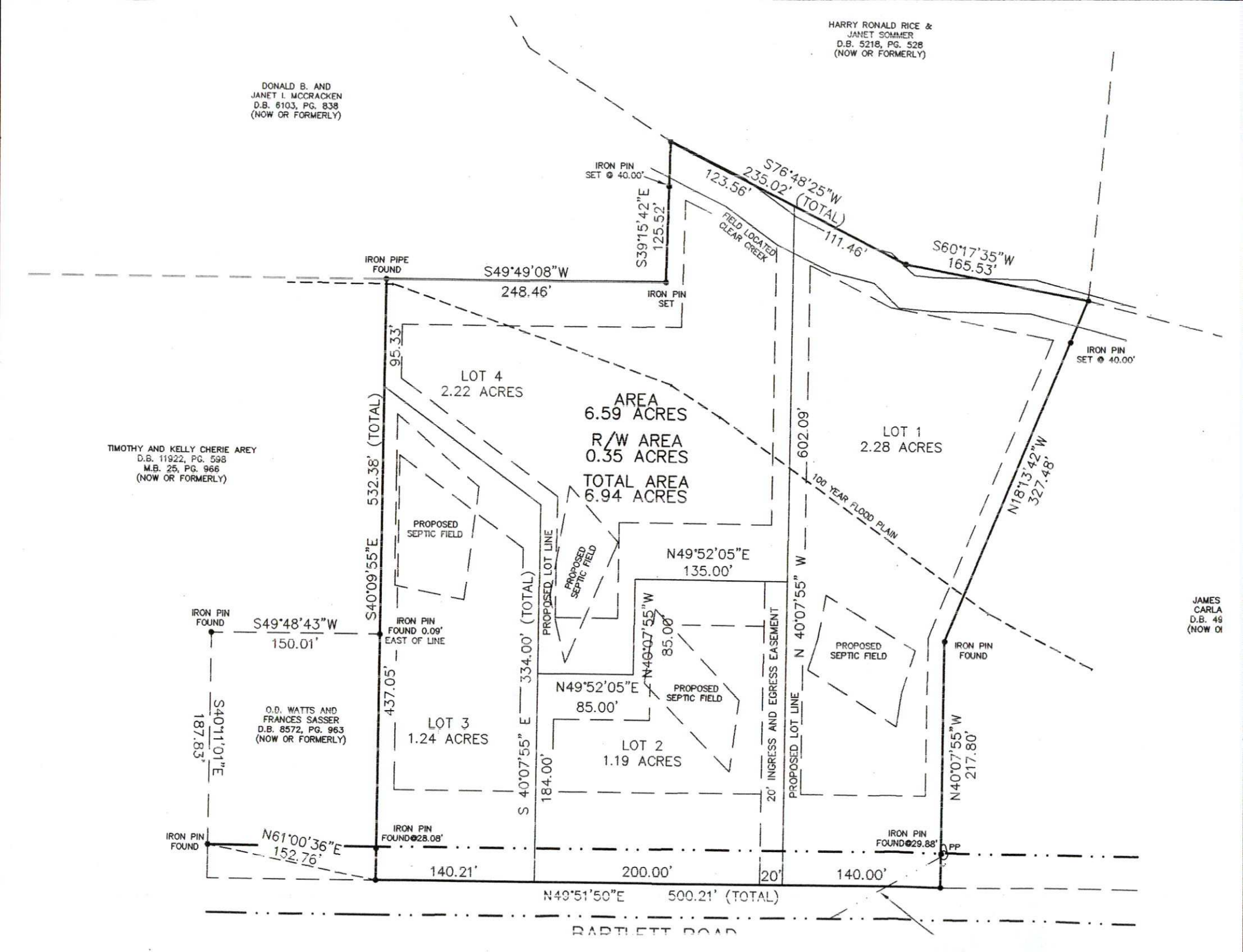
COMMENTS:
100% repair

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		C-Clay		

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	VP-Very Plastic	

Sketch of Soil Evaluation Locations



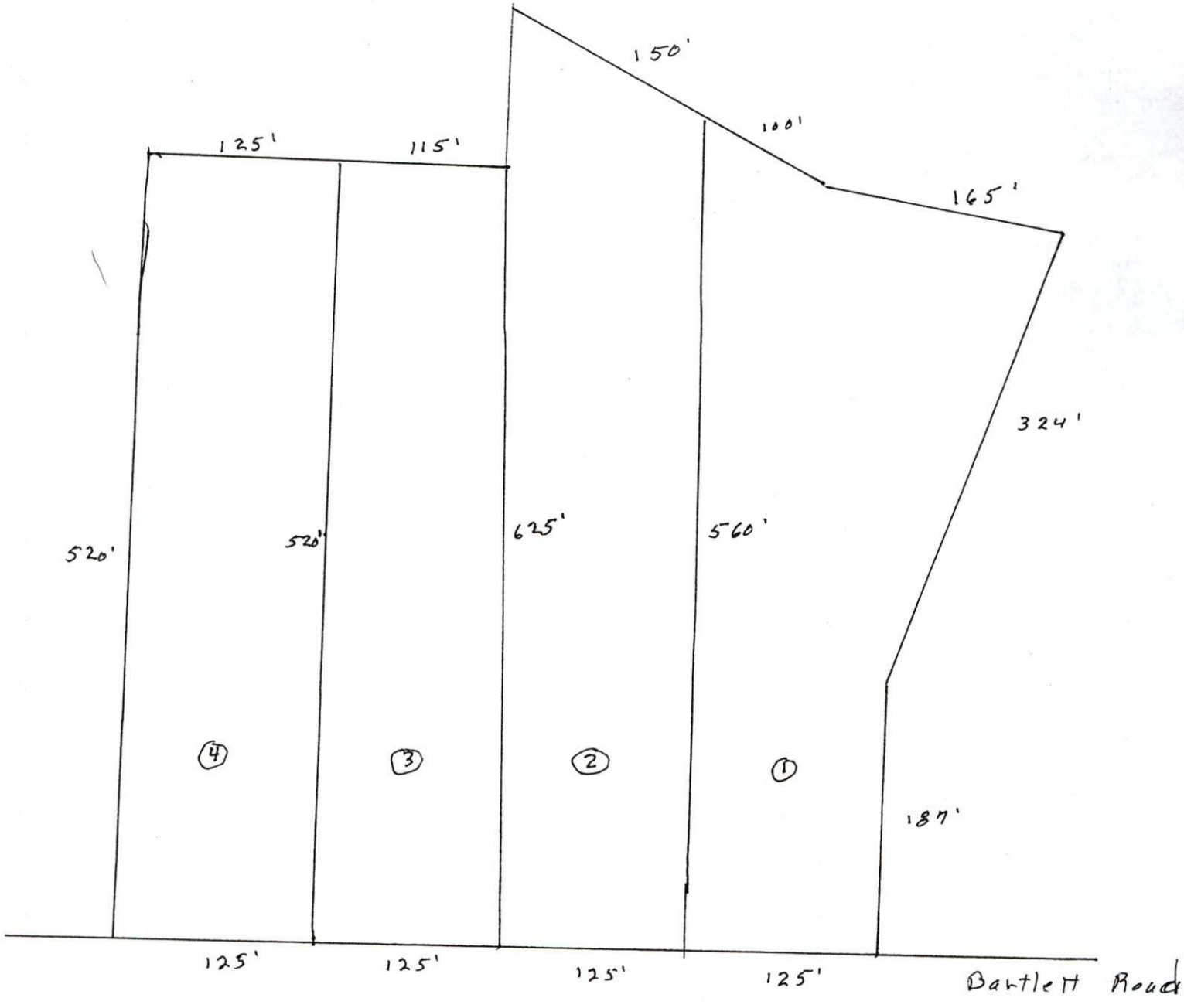

HARRY RONALD RICE &
JANET SOMMER
D.B. 5218, PG. 528
(NOW OR FORMERLY)
DONALD B. AND
JANET I. MCCRACKEN
D.B. 6103, PG. 838
(NOW OR FORMERLY)
IRON PIN
SET @ 40.00'
S76°48'25"W
235.02' (TOTAL)
123.56'
111.46'
S60°17'35"W
165.53'
S39°15'42"E
125.52'
FIELD LOCATED
CLEAR CREEK
IRON PIPE
FOUND
S49°49'08"W
248.46'
IRON PIN
SET
IRON PIN
SET @ 40.00'
95.33'
LOT 4
2.22 ACRES
AREA
6.59 ACRES
R/W AREA
0.35 ACRES
TOTAL AREA
6.94 ACRES
LOT 1
2.28 ACRES
602.09'
100 YEAR FLOOD PLAIN
N18°13'42"W
327.48'
TIMOTHY AND KELLY CHERIE AREY
D.B. 11922, PG. 598
M.B. 25, PG. 966
(NOW OR FORMERLY)
532.38' (TOTAL)
S40°09'55"E
PROPOSED
SEPTIC FIELD
PROPOSED LOT LINE
PROPOSED
SEPTIC FIELD
N49°52'05"E
135.00'
N 40°07'55" W
JAMES
CARLA
D.B. 49
(NOW O
IRON PIN
FOUND
S49°48'43"W
150.01'
IRON PIN
FOUND 0.09'
EAST OF LINE
N40°07'55"W
85.00'
PROPOSED
SEPTIC FIELD
IRON PIN
FOUND
437.05'
334.00' (TOTAL)
S 40°07'55" E
PROPOSED LOT LINE
N49°52'05"E
85.00'
PROPOSED
SEPTIC FIELD
20' INGRESS AND EGRESS EASEMENT
S40°11'01"E
187.83'
O.D. WATTS AND
FRANCES SASSER
D.B. 8572, PG. 963
(NOW OR FORMERLY)
LOT 3
1.24 ACRES
LOT 2
1.19 ACRES
184.00'
N40°07'55"W
217.80'
IRON PIN
FOUND
N61°00'36"E
152.76'
IRON PIN
FOUND@28.08'
IRON PIN
FOUND@29.88'
PP
140.21'
200.00'
20'
140.00'
N49°51'50"E
500.21' (TOTAL)
BARTLETT ROAD

1" = 100'


BARTLETT RD
140'
Lot 1
2.0 acres
818'
200'
20' Drive with Utility
Lot 2
1.1 acres
190'
140'
Lot 3
1 acre
325'
Lot 4
2.5 acres
115'
70'
Lot 4
DF
Lot 3
DF
110'
207'
245'
125'
335'
165'
334'
N 10° W
N 13° E

1" = 100'


BARTLETT RD
140'
140'
200'
20' DRIVEWAY
Lot 1
Lot 2
Lot 3
585'
200'
575'
575'
Lot 4


150'
100'
165'
125'
115'
324'
520'
520'
625'
560'
187'
4
3
2
1
125'
125'
125'
125'
Bartlett Road

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 #: **30002837** GWS File #: **7385B** Tax Parcel #: **139-371-11**

- 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):** 2/14/2013

Type of Installation: Residential - New System Lot Number: 3

Structure Type: HOUSE Size (ft^2): 0 # Bedrooms: 4 # Occupants: 4

Building Foundation: Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	30	Depth of Media (in):	N/A	Distribution Device:	Drop Tees		

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

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	30	Depth of Media (in):	N/A	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: David Cornelius Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 2/14/2008

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Permit #: **30002837** GWS File #: **7385B**

IV. Permit Conditions/Comments:

- All drainage improvements (swales, interceptor drains, etc.) noted on the plot plan must be inspected and approved prior to issuance of an Operation Permit.
- 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.

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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DENR Authorized Agent: David Cornelius

Signature: _____

Date Issued: 2/14/2008

Owner/Legal Agent: _____
Print Name

Signature: _____