Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 7852B WASPS App #: 3702

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: 6 Were sufficient auger borings made?	Yes [✓]	No [ ]	N/A [ ]
.1939(d), .1955, .1956, .1957	LTAR .225	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 & WW characteristics?	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: _____ Date performed: 7 31 09

7852B

2nd site visit 100 CLK 1084 7/21/08 JC

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

3. **JOB LOCATION INFORMATION:**
TAX PARCEL NUMBER: 029-141-56
STREET ADDRESS: 12242 Mallard Ck Rd.
CITY: Charlotte NC 28262
STATE: NC ZIP:
SUBDIVISION NAME:
LOT #: 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:
NUMBER OF BEDROOMS: 3
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 No

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ☐ MUNICIPAL ☑ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____ Existing at 12236

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?** 1971 ☐ UNKNOWN

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

12. **PROPERTY OWNER:**
NAME: Minnie Franklin
ADDRESS: 101 Southampton Dr
CITY: Concord
STATE: NC ZIP: 28027
HOME PHONE: 704-467-4201
WORK PHONE:
MOBILE PHONE: —
FAX: —

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: 704-336-5103, FAX: 704-336-6984

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.

mef (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.

Minnie Franklin
Property Owner's or Owner's Legal Representative Signature

7/10/08
Date

OFFICE USE ONLY

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

SEPTIC APPLICATION FEES RECEIVED: $ 250.00 CLK 1150 DATE FEE RECEIVED: 7/10/08

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

APPLICATION PROCESSED BY: JC

GWS FILE NUMBER ASSIGNED: 7852B

APPLICATION ID NUMBER ASSIGNED: 3702

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6984

Revised on: 7/1/08

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mef (Initial here for septic system applications)

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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.

Marie Franklin
Property Owner's or Owner's Legal Representative Signature

7/10/08
Date

OFFICE USE ONLY

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

SEPTIC APPLICATION FEES RECEIVED: $ 250.00 CLK 1150 DATE FEE RECEIVED: 7/10/08

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APPLICATION PROCESSED BY: JC

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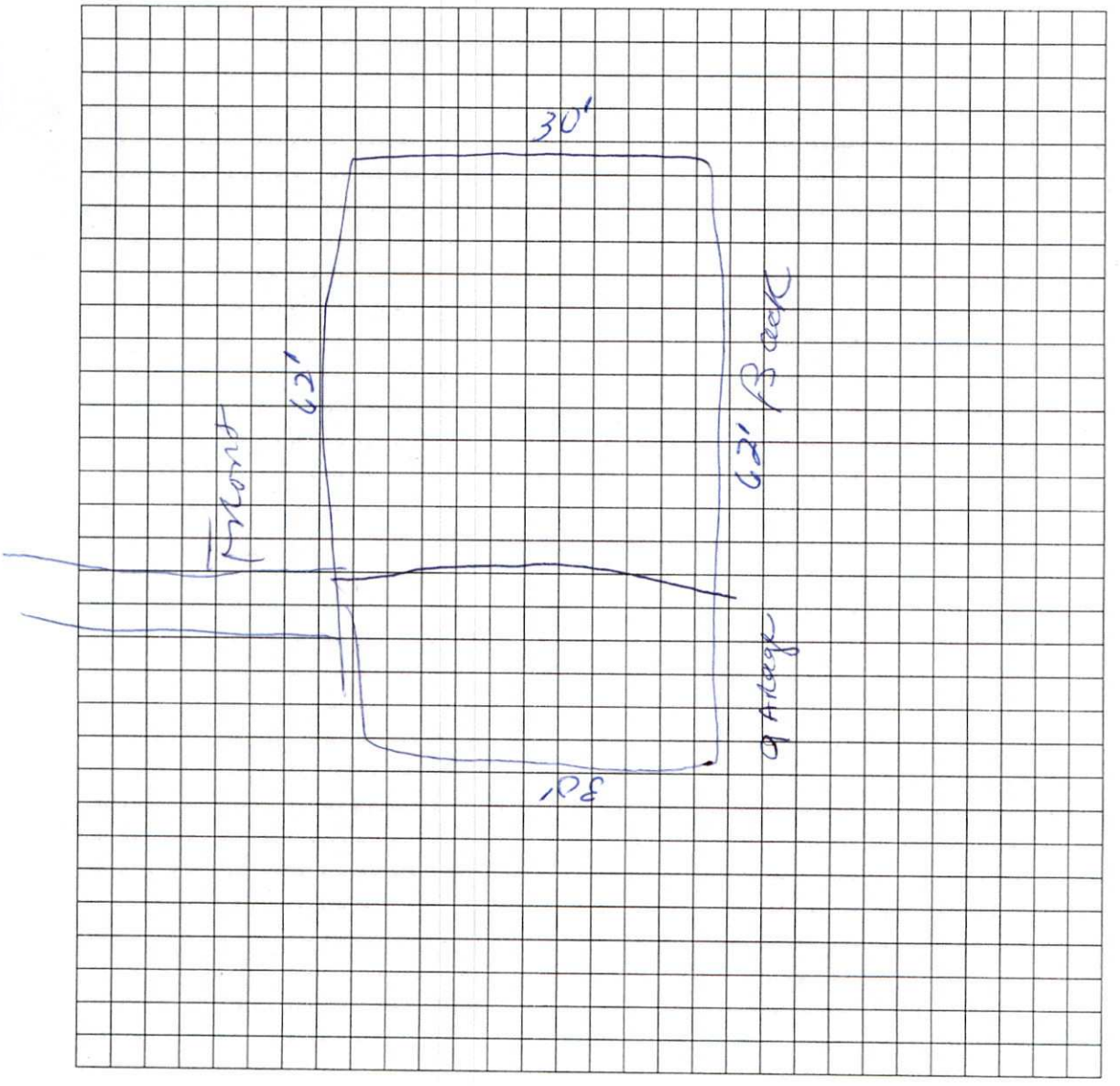
COMMENTS:

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

File # _____
Date 7/10/08

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	Minnie Franklin
Date	7/10/08

LBC 12/15/04

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/21/08	**Amount:**	100.00
Receipt #:	58302	**Tendered:**	100.00
Check / Auth #:	CHECK 1084	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: 200000
Contractor: FRANKLIN MINIE
Attn:
Address: 81 RING AVENUE
Address:
City/State/Zip: CONCORD, NC 28025

Item	Description	Permit#	Quantity	Unit Price	Total Price
0702	Optional Site Evaluations 12242 MALLARD CREEK RD		1	100.00	100.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
0.02					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

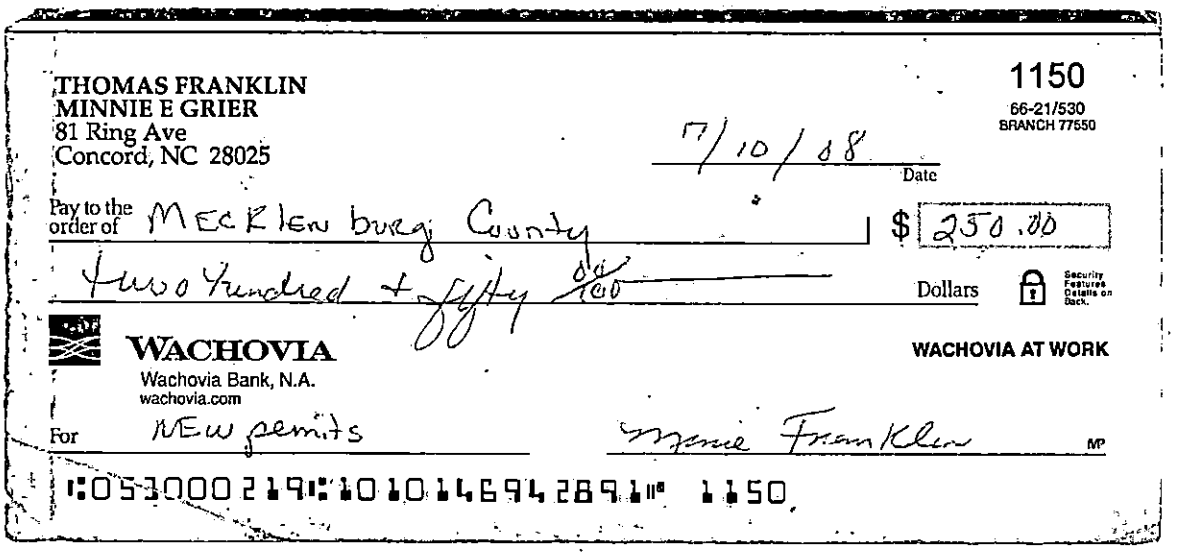
Receipt Information

Date:	07/10/08	**Amount:**	250.00
Receipt #:	58159	**Tendered:**	250.00
Check / Auth #:	CHECK 1150	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: 200000
Contractor: GRIER MINNIE E
Attn:
Address: 81 RING AVENUE
Address:
City/State/Zip: CONCORD, NC 28025

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 12242 MALLARD CREEK RD		1	250.00	250.00



THOMAS FRANKLIN
MINNIE E GRIER
81 Ring Ave
Concord, NC 28025

1150
66-21/530
BRANCH 77550

7/10/08
Date

Pay to the order of Mecklenburg County $ 250.00

Two Hundred + fifty 00/100 Dollars

Security Features Details on Back.

WACHOVIA
Wachovia Bank, N.A.
wachovia.com

WACHOVIA AT WORK

For New permits Minnie Franklin MP

⑆053000219⑆ 1010146942891⑈ 1150

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

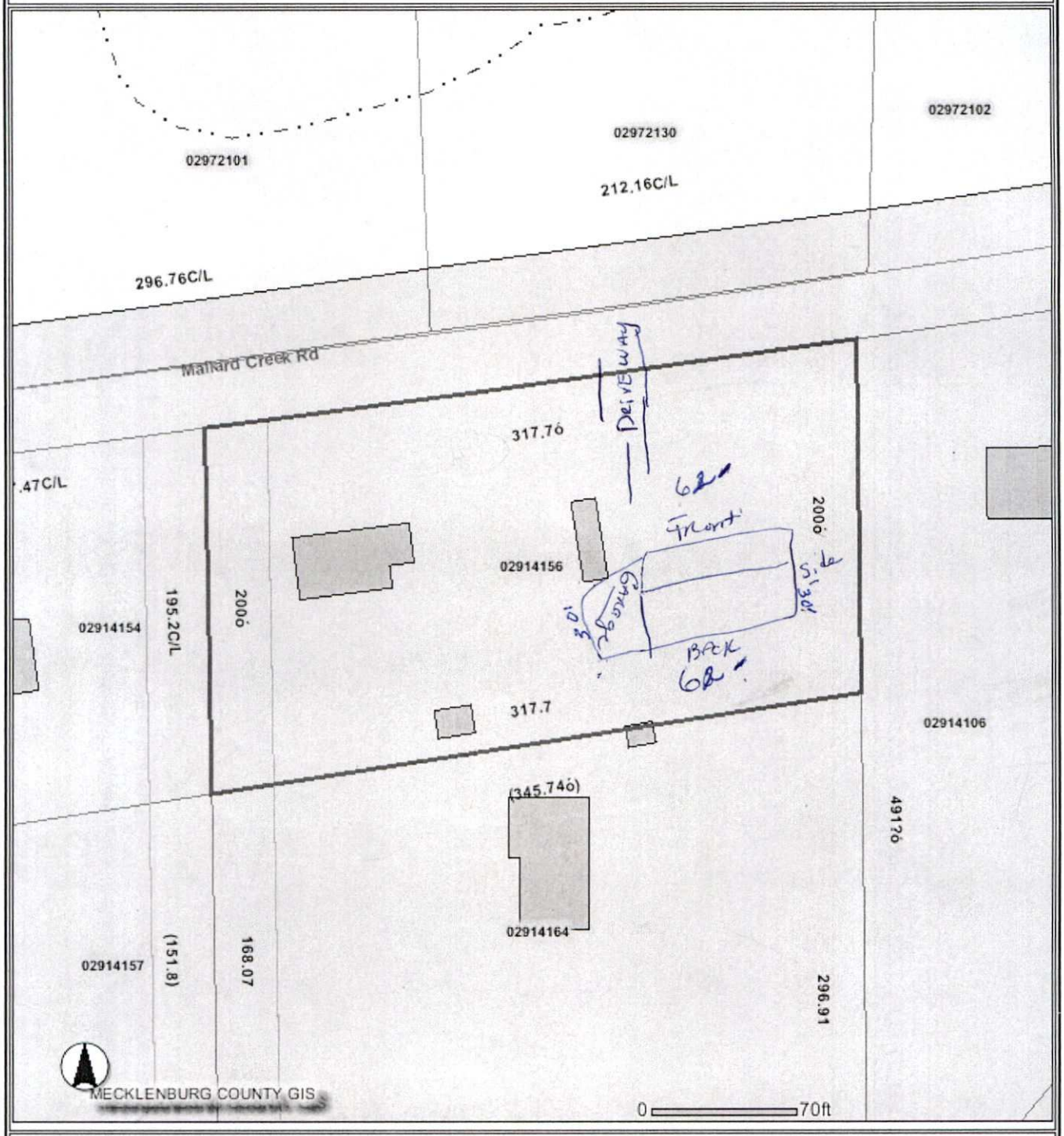
Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

Mecklenburg County, North Carolina

POLARIS

Property Ownership Land Records Information System

Date Printed: Thu Jul 10 08:31:07 EDT 2008



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

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

Sheet: 1 of 2
Property ID: PO 029-141-56
Lot #:
File #: 7852B
AppID: 3702

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Minnie Franklin — Applicant:
Address: 101 Southampton Drive, Concord, N. C. 28027 — Date Evaluated: 7/24/08
Proposed Facility: Residence — Design Flow (.1949) 360gpd — Property Size: .72a
Location of Site: 12242 Mallard Creek 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	0-6	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .25GPD/FT^2
		6-44	SBK/ABK/C	FI/SEXP/S/P					
		44-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-7	GR/CL	"	>60" TO SOIL WETNESS	60	"	"	PS, IV .225GPD/FT^2
		7-60	SBK/ABK/C	FI/SEXP/S/P					
3	"	0-6	GR/CL	FR/SEXP/SS/SP	>50" TO SOIL WETNESS	23	"	"	US, IV .225GPD/FT^2
		6-23	SBK/ABK/C	FI/SEXP/S/P					
		23-50	M/CL	FR/SEXP/SS/SP					
4	"	0-6	GR/CL	"	>63" TO SOIL WETNESS	37	PS	"	PS, SAP II .3GPD/FT^2
		6-22	ABK/SBK/C	VFI/EXP/S/VP					
		22-37	M/SCL	FR/SEXP/SS/SP					
		37-63	M/SL	FR/SEXP/NS/NP					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	"	PS, IV .225GPD/FT^2
		4-48	SBK/ABK/C	FI/SEXP/S/P					
6	"	0-5	GR/SCL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	"
		5-27	SBK/ABK/C	FI/SEXP/S/P					
		27-46	SBK/SCL	FR/SEXP/SS/SP					
					SITE LTAR .225GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	III g	III g
Site LTAR	0.225	0.225

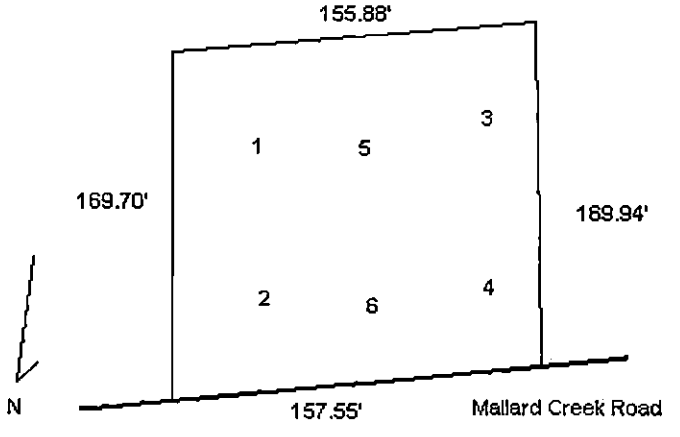
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 7/25/2008.
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Jeremy Michelone, R.S.
Others Present:

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



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

Sheet: 1 of 2
Property ID: PO 029-141-56
Lot #:
File #: 7852B
AppID: 3702

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

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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, 6	0-4	SBK/C	VFI/EXP/S/VP	>12" TO SOIL WETNESS	4	N/A	NONE	UIS
		4-12	M/CL	FR/SEXP/SS/SP					
2	"	0-3	GR/CL	"	>30" TO SOIL WETNESS	30	"	"	US, IV
		3-28	SBK/ABK/C	FI/SEXP/S/P					.1GPD/FT^2
		28-30	SBK/CL	FR/SEXP/SS/SP					
3	"	0-3	GR/CL	"	>20" TO SOIL WETNESS	20	"	"	"
		3-20	SBK/ABK/C	FI/SEXP/S/P					
4	"	0-4	GR/CL	FR/SEXP/SS/SP	>36" TO SOIL WETNESS	36	"	"	"
		4-36	SBK/ABK/PL/C	FI/SEXP/S/P					
		SOME PL STRUCTURE		26-30"					
					SITE LTAR .1GPD/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, 7/16/2008. W. R. Marlin
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

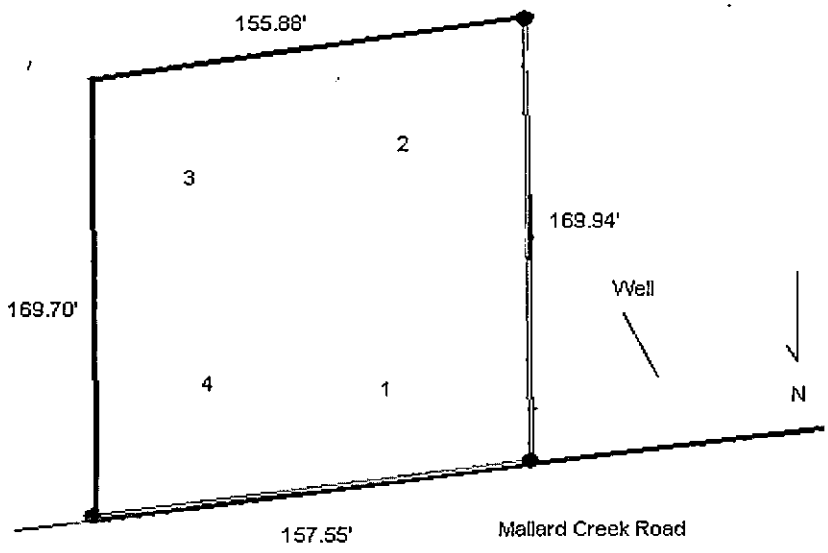
COMMENTS:

100% repair, would need to investigate backhoe pits if permit is pursued further

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
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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 #: **30003702** GWS File #: **7852B** Tax Parcel #: **029-141-56**

- 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):** 7/30/2013

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

Structure Type: MODULAR HOME Size (ft^2): 0 # Bedrooms: 3 # Occupants: 2

Building Foundation: Water Supply: Community

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

Initial System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.225	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):	24	Depth of Media (in):	12	Distribution Device:	Distribution Box		

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

Repair System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.225	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):	24	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 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: _____
Print Name

Signature: Jeremy Michelone R.S. Signature: _____

Date Issued: 7/30/2008

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DENR Authorized Agent: Jeremy Michelone

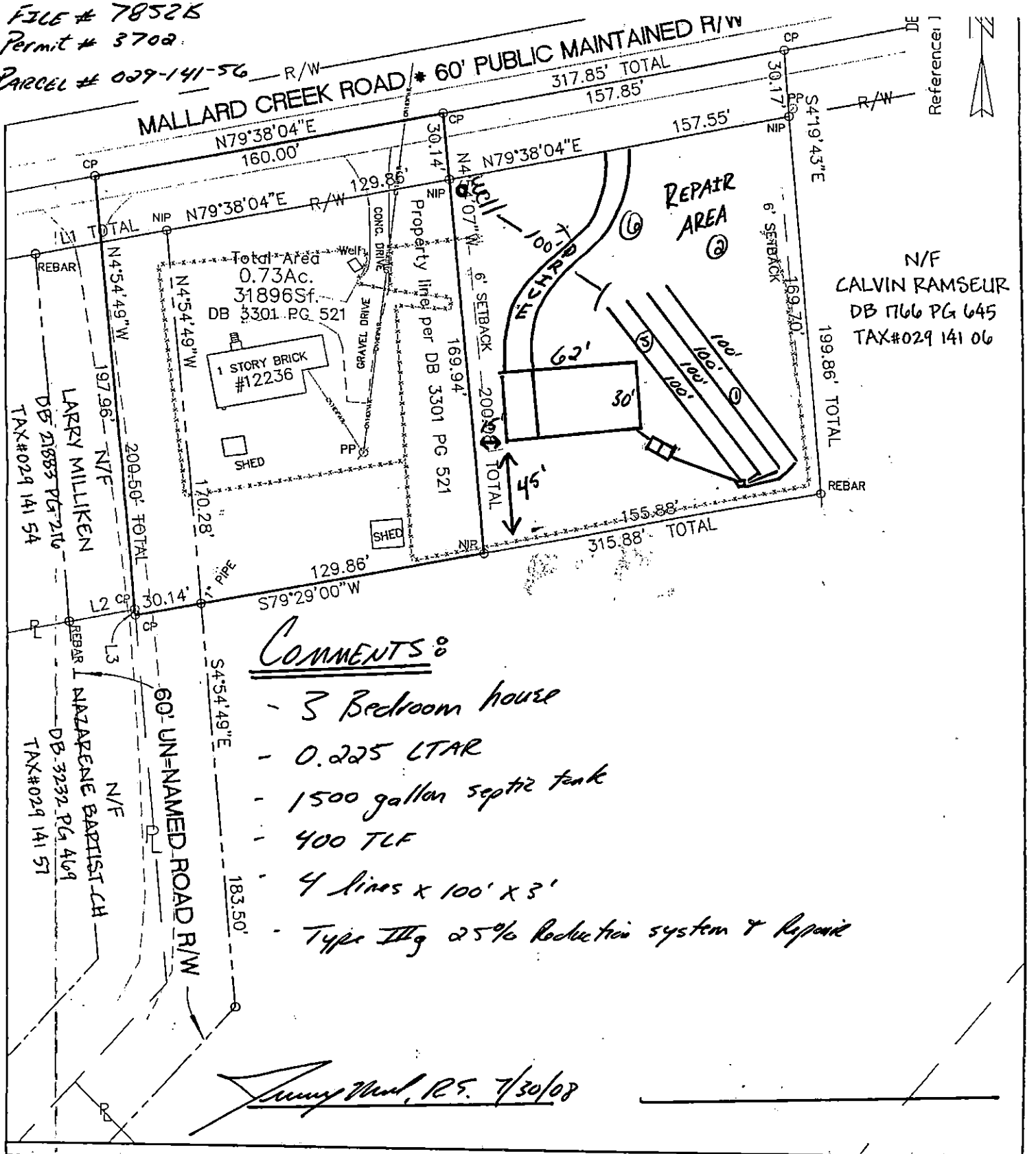
Signature: Jeremy Michelone, R.S.

Date Issued: 7/30/2008

Owner/Legal Agent: _____
Print Name

Signature: _____

FILE # 78526
Permit # 3702
PARCEL # 029-141-56



COMMENTS:

- 3 Bedroom house
- 0.225 LTAR
- 1500 gallon septic tank
- 400 TLF
- 4 lines x 100' x 3'
- Type IIIg 25% Reduction system & Repair

Jimmy Mundt, RS. 7/30/08

EIP - Existing Iron Pin / Pipe
NIP - New Iron Pin (1/2" Iron Rod/Rebar)
CP - Computed Point
P/P - Power Pole
R/W Mon. - Right-of-Way Monument
R/W - Right of Way
Asph. - Asphalt
Conc. - Concrete

B/C - Back of Curb
Tele - Telephone
PWR - Power
HVAC - Heating Ventilation and Cooling
Util - Utilities
Esmt. - Easement
℄ - Center Line

R/W
ESMT.
PROPERTY LINE
SETBACK
FENCE
UTIL. LINE (PWR,TELE, ETC.)
APPX. LOCATION OF PROP. LINE

This property is not in a 100 year flood hazard area. Reference FIRM map #3701580109 E Effective date 2/2/04

Survey of 0.73Aac on the south side of Mallard Creek Rd, DB 3301-521 part of Tax#029-141-56

Survey for MINNIE ELLA G. FRANKLIN

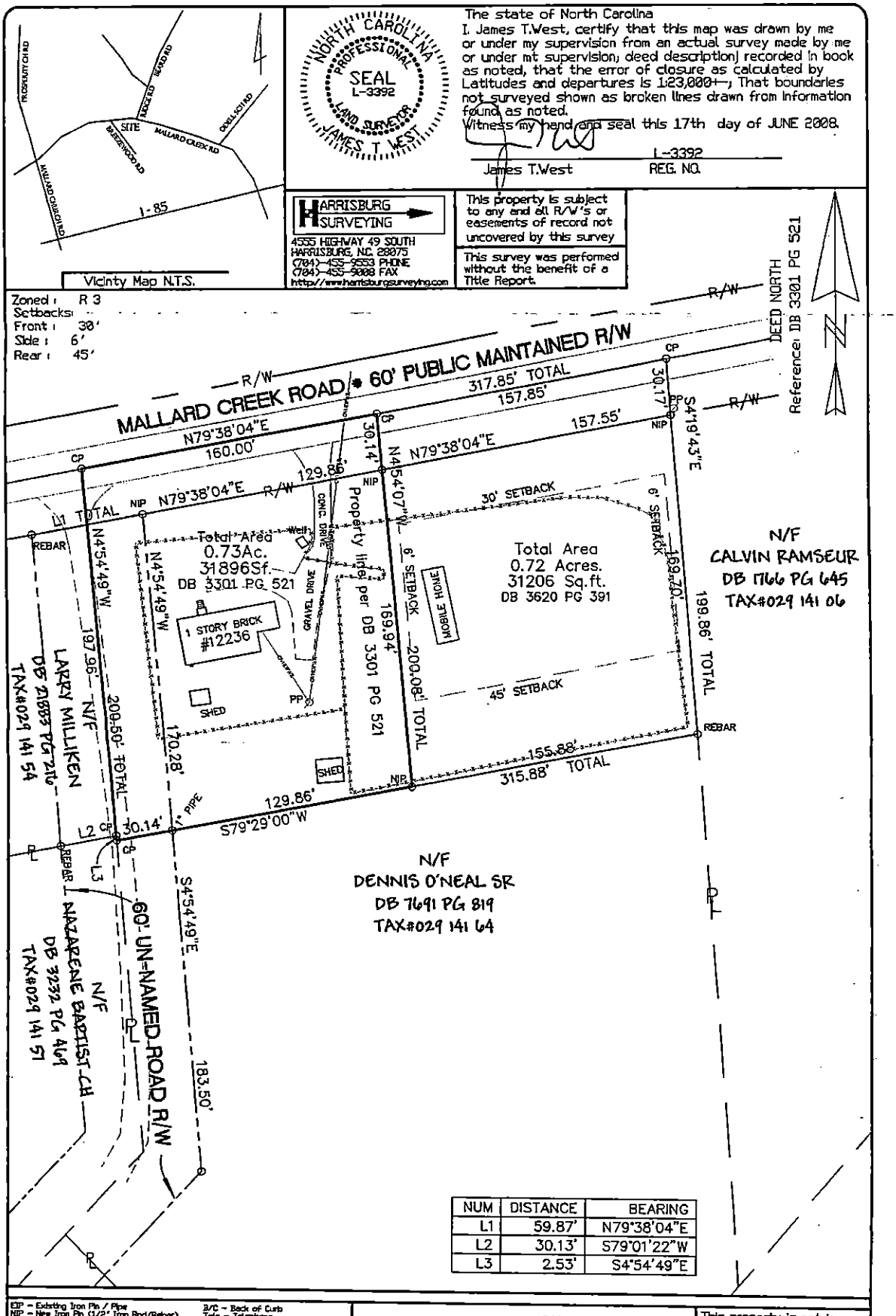
Township	MALLARD CREEK	County	MECKLENBURG	North Carolina
Scale: 1" = 60'	Date: JUNE 17, 2008			

60' 0' 60' 120'

References: DB 1123 - 66 / DB 3301 - 521 /DB 3620 - 391

Revision

Drawn By: SDG | Checked By: JTW | MSCAD- 080606



NUM	DISTANCE	BEARING
L1	59.87'	N79°38'04"E
L2	30.13'	S79°01'22"W
L3	2.53'	S4°54'49"E

EIP - Existing Iron Pin / Pipe
NIP - New Iron Pin (1/2" Iron Rod/Rebar)
CP - Computed Point
P/P - Power Pole
R/W Mon. - Right-of-Way Monument
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