

14541 RAMAH CHURCH RD

01126112

1/11/2008

duponbj

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

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 71328 WASPS App #: 2308

Primary ES assigned to project: 05

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?	Yes ☑	No ☐	N/A ☐
.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 .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) 130A-336 (a)(3)	Proposed System Type stated-Repair System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐

① Sign septic permit

② Fees due

③ Apply for & Obtain Well permit

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

II. WASPS Review:

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

Items requiring correction/modification: _____

Comments:

IA issued date: _____

OP issued date: _____

Review performed by: IR

Date performed: 1-3-07

FILE NUMBER: 7132B

Revised On: January 3, 2007

APPLICATION NUMBER: 2303

SEPTIC FEE: 200
DATE: 5/15/07
CK# 3677

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: 01126112
STREET ADDRESS: Ramah Church Rd
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION NAME:
LOT #: 3 LOT SIZE (acres): 3.0
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: 4

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 4 ____

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 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: Stan Phillips
ADDRESS: 14830 June Washam Rd
CITY: Davidson
STATE: NC ZIP: 28036
HOME PHONE: 704 896 7475 WORK PHONE: 896 1909
MOBILE PHONE: 608 4253 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? Buyer
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? Done

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.

[signature] 4/30/07
Property Owner's or Owner's Legal Representative Signature Date

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 certif 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

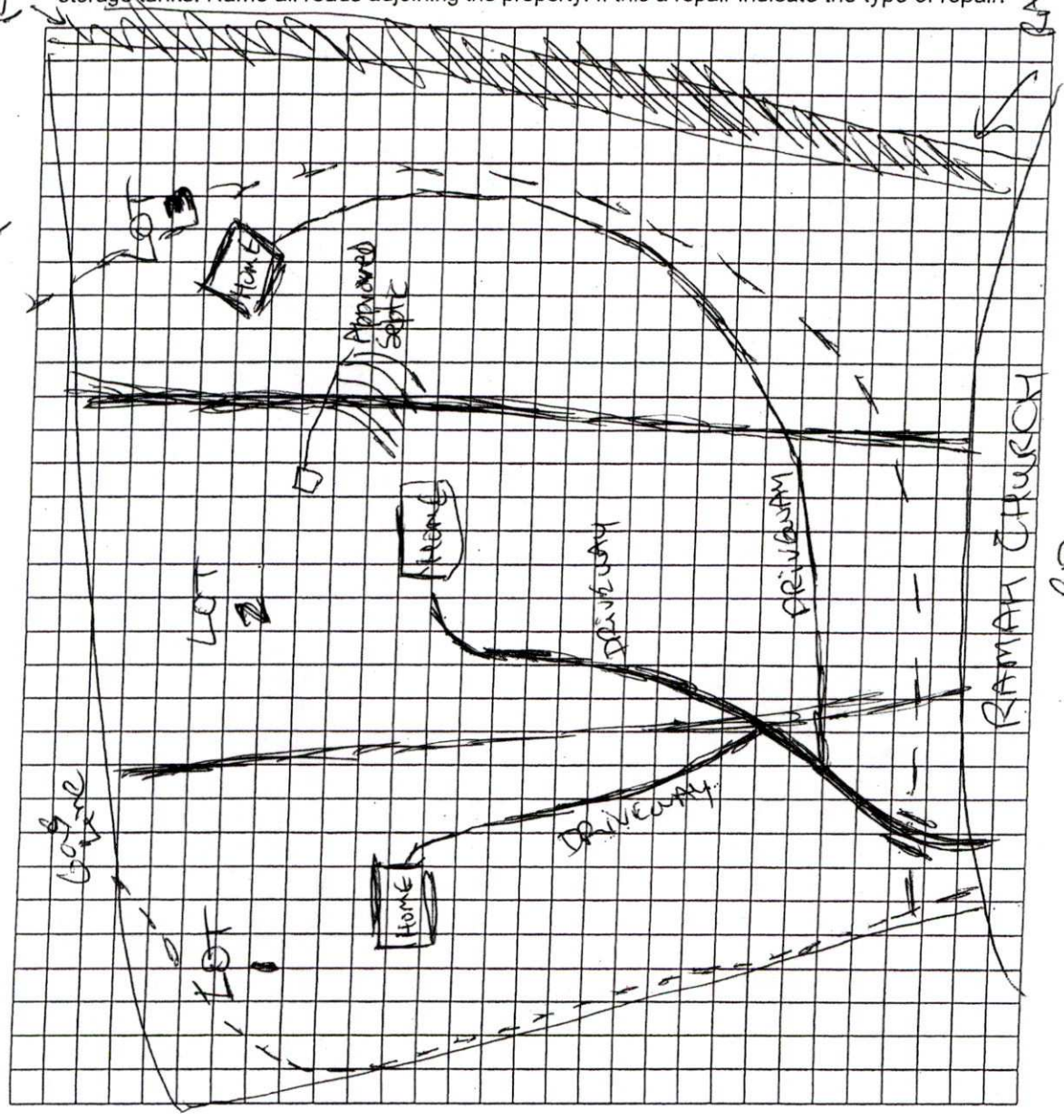
☐ SURVEY PLAT TO SCALE SUBMITTED ☒ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

Mecklenburg County
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_____

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	Parcel 01126112
Date	4/30/07 8.17 acres total

LBC 12/15/04

7/31B

12/11/07 chk 3844 Rec'd $10 add'l pmt

FILE NUMBER: Ramah Church Rd

Revised On: August 31, 2007

APPLICATION NUMBER: _____

SEPTIC FEE: _____
DATE: _____

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

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DATE: _____

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

7/31B

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER:
STREET ADDRESS: Ramah Church Rd
CITY: Huntersville NC 28078
STATE: NC ZIP:
SUBDIVISION NAME:
LOT #: 3 LOT SIZE (acres): 2.4
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: 4000 +
NUMBER OF BEDROOMS: 4+
NUMBER OF OCCUPANTS: 4+
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: _____

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_____ _____ _____ _____ _____

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

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HOME PHONE: WORK PHONE:
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13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____

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

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

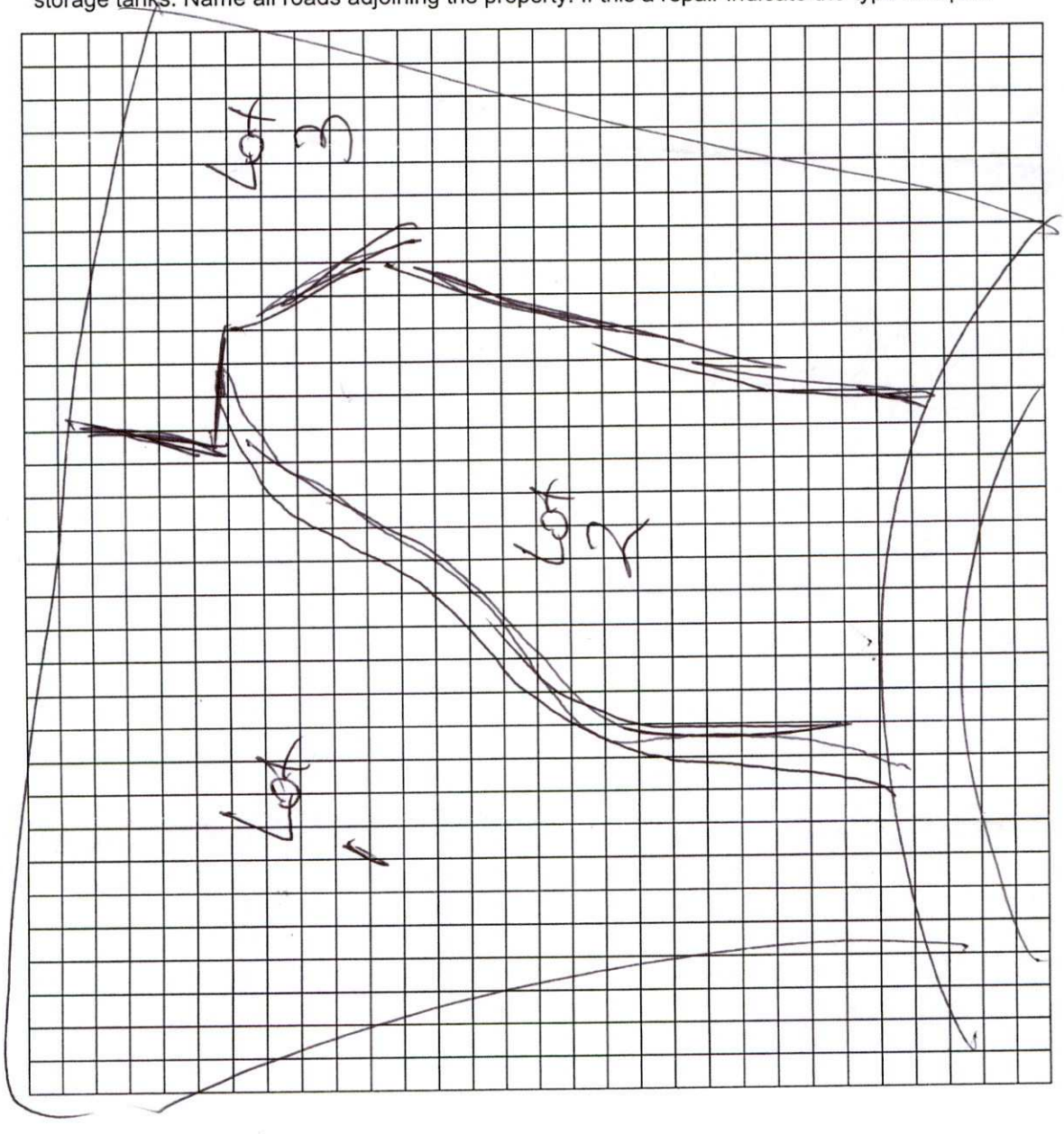
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Mecklenburg County
Land Use & Environmental Service Agency
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700 N. Tryon St., Suite 211
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Phone: (704) 336-5103
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File #_____
Date_____

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
Date

LBC 12/15/04

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	05/15/07	**Amount:**	200.00
Receipt #:	50700	**Tendered:**	200.00
Check / Auth #:	CHECK 3677	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

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

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen LOT 3 RAMAH CHURCH RD		1	200.00	200.00

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

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

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

Sheet: 1 of 2
Property ID: PO 011-261-12
Lot #: 3
File #: 7132B
AppID: 2302

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Stan Phillips — Applicant:
Address: 14830 June Washam Road, Davidson, N. C. 28078 — Date Evaluated: 6/4/07
Proposed Facility: Residence — Design Flow (.1949): 480gpd — Property Size: .5a inv.
Location of Site: Ramah Church Road — Property Recorded:
Water Supply: [ ] Public [x] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-4	GR/SL	FR/SEXP/NS/NP	>64" TO SOIL WETNESS	4	PS	NONE	PS, SAP II
		4-64	M/SL	"					.4GPD/FT^2
2	"	0-4	GR/SCL	FR/SEXP/SS/SP	>63" TO SOIL WETNESS	32	"	"	PS, SAP II
		4-32	SBK/C	FI/SEXP/S/P					.35GPD/FT^2
		32-63	M/SL	FR/SEXP/NS/NP					
3	"	0-4	GR/SCL	FR/SEXP/SS/SP	>64" TO SOIL WETNESS	36	"	"	"
		4-29	SBK/SC	VFI/EXP/VS/VP					
		29-36	M/SCL	FR/SEXP/SS/SP					
		36-64	M/SL	FR/SEXP/NS/NP					
4	"	0-4	GR/SCL	FR/SEXP/SS/SP	>55" TO SOIL WETNESS	18	US	"	US
		4-18	SBK/C	VFI/EXP/VS/VP					
		18-55	M/SCL	FR/SEXP/SS/SP					
5	"	0-3	GR/SCL	"	>60" TO SOIL WETNESS	17	PS	NONE	PS, SAP II
		3-17	SBK/C	VFI/EXP/VS/VP					.35GPD/FT^2
		17-30	M/SCL	FR/SEXP/SS/SP					
		30-60	M/SL	FR/SEXP/NS/NP					
					SITE LTAR .35GPD/FT^2				
A	"	0-3	GR/SCL	FR/SEXP/SS/SP	>36" TO SOIL WETNESS	32	N/A	NONE	US, IV
		3-32	SBK/SC	FI/SEXP/S/P					.3GPD/FT^2
		32-36	M/SCL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	P.S.	P.S.
System Type(s)	III 9	III 9
Site LTAR	0.3	0.3

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

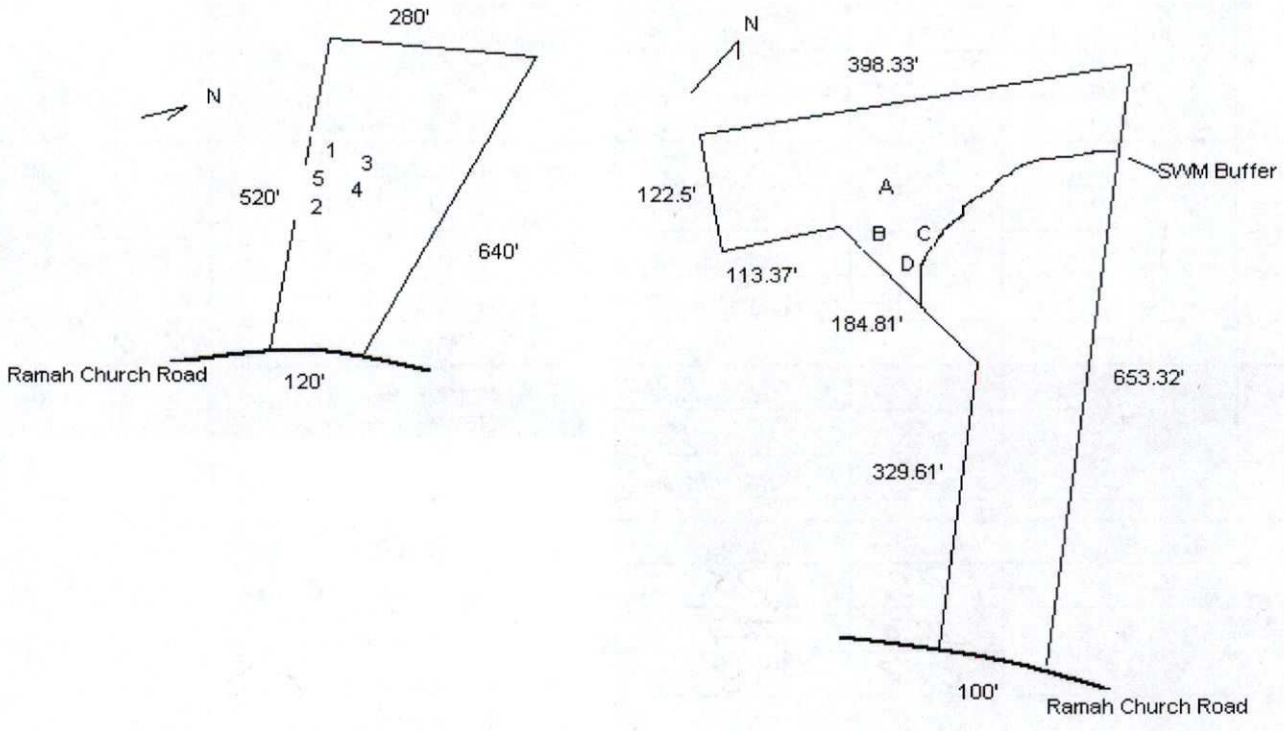
COMMENTS: FILE #: 7131B

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: 3 OF 3
File #: 7131B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
B	LS, 8	0-6	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	23	PS	N/A	PS, SAP II
		6-23	SBK/SC	FI/SEXP/S/P					.3GPD/FT^2
		23-48	M/SL	FR/SEXP/SS/SP					
C	"	0-21	GR/SL	FR/SEXP/NS/NP	>37" TO SOIL WETNESS	37	N/A	"	PS, IV
		21-37	SBK/SC	FI/SEXP/S/P					.3GPD/FT^2
D	"	0-8	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	23	PS	"	PS, SAP II
		8-13	SBK/SCL	"					.3GPD/FT^2
		13-23	M/SCL	"					
		23-48	M/SL	"					
	PITS DUG [illegible]		12/20/07	JPM, WRM PRESENT	LTAR .3GPD/FT^2				

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St. Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-8894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: 30002303 GWS File #: 7132B Tax Parcel #: 011-281-12

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire In Five (5) Years **Expiration Date (If Applicable):** 12/26/2012

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

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

Building Foundation: Basement With Plumbing Water Supply: Private Well

II. Initial System Type: Approved **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):	18	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: Approved **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):	18	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 Michalone Owner/Legal Agent: Stan Phillips
Print Name

Signature: Signature

Date Issued: 12/26/2007

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 #: **30002303** GWS File #: **7132B**

IV. Permit Conditions/Comments:

- This Improvement Permit is being issued based on a supplemental soil investigation performed by staff from our office.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. from all private wells (saprolite system).

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: [signature]

Date Issued: 12/26/2007

Owner/Legal Agent: Stan Phillips
Print Name

Signature: [signature]

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 #: **30002303** GWS File #: **7132B** Tax Parcel #: **011-261-12**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 12/26/2012

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

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

Building Foundation: Basement With Plumbing Water Supply: Private Well

II. Initial System Type: Approved **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): 18 Depth of Media (in): 12 Distribution Device: Distribution Box

III. Repair System Type: Approved **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): 18 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:

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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 Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 12/26/2007

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

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- 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

Signature: Jeremy Michelone, R.S.

Date Issued: 12/26/2007

Owner/Legal Agent: _____
Print Name

Signature: _____

4.59B

9710 SAM FURR ROAD
SUITE D
HUNTERSVILLE, NC 28078
704-896-1909
FAX 704 896 1926

South Lake Ears, Nose and Throat

Fax

To: Bill Marlin **From:** Stan Phillips

Fax: 336-6894 **Date:**

Phone: **Pages:**

Re: **CC:**

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

As per our conversation, here are the lot Dimentions

Lot #1 - 120 x 774 x 230 x 250 ft

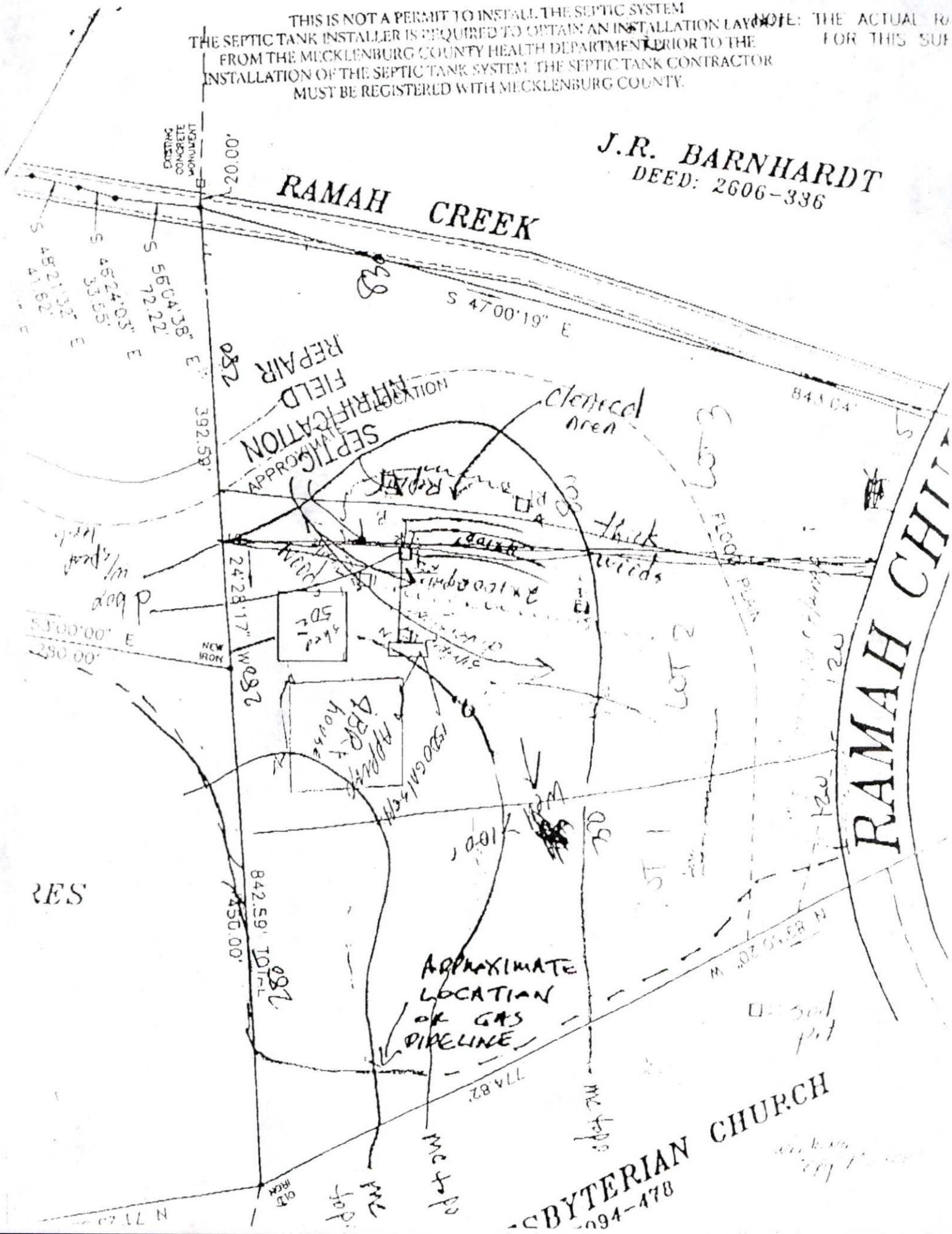
Lot #2 - 120 x 750 x 280 x 800 ft

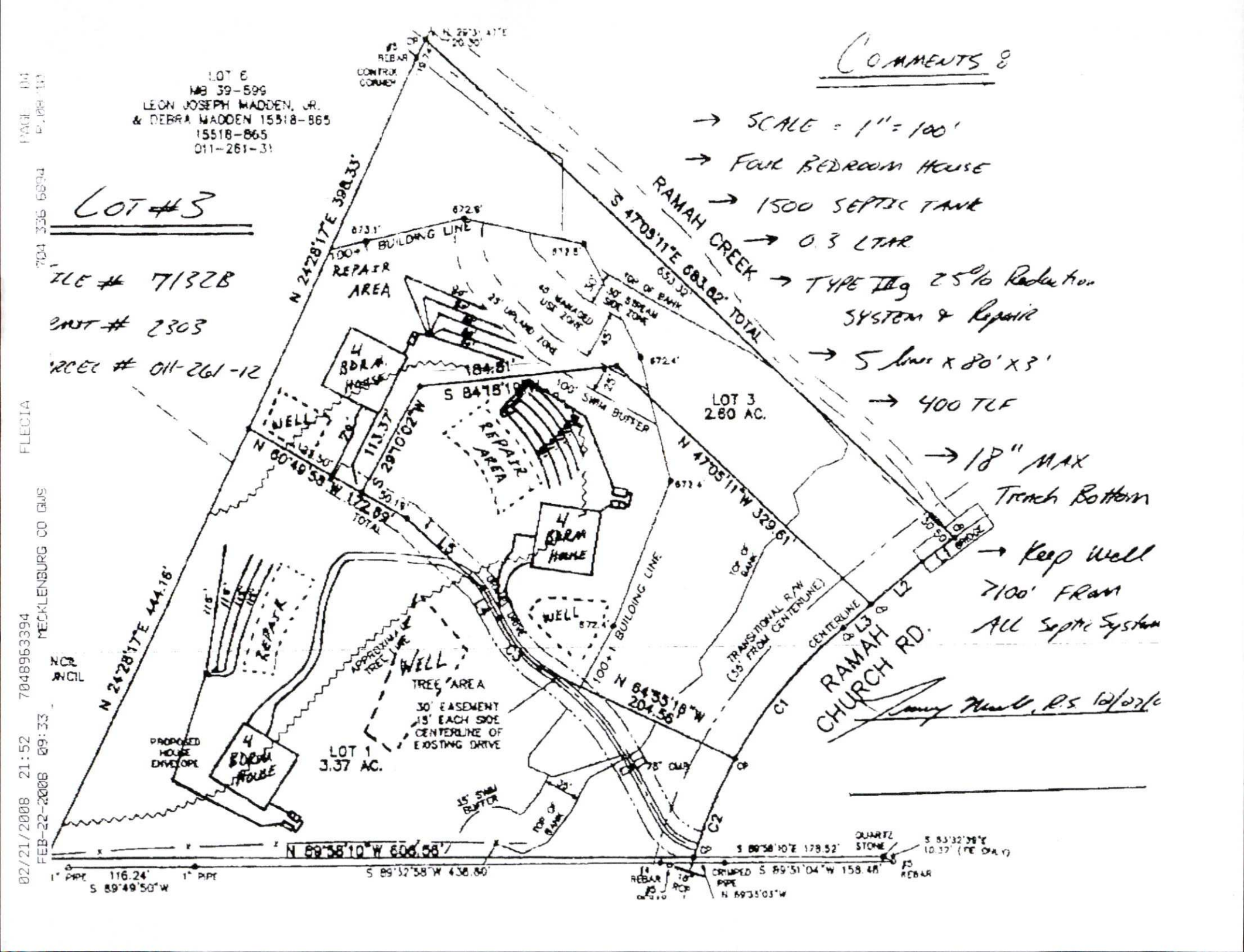
Lot #3 [redacted]

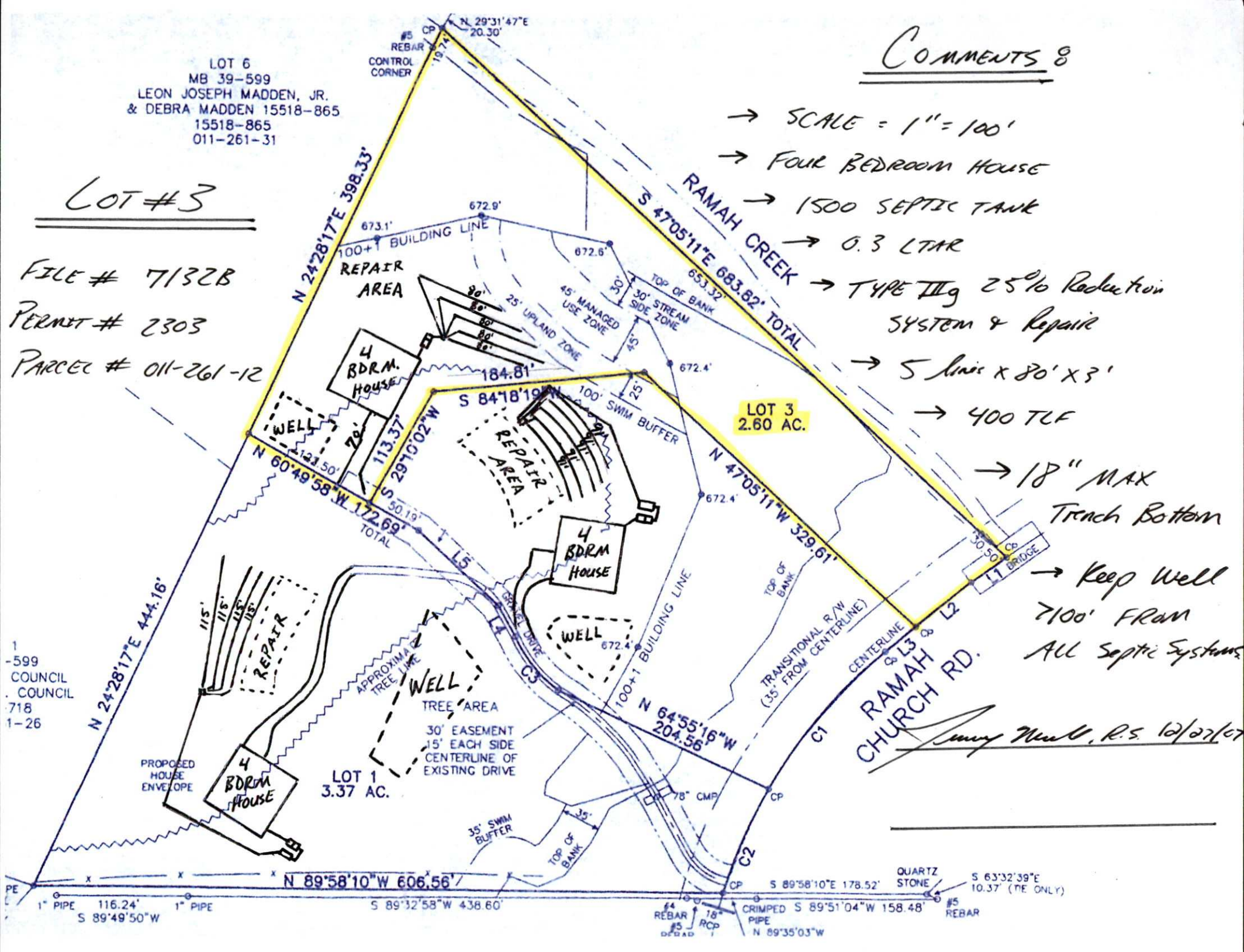
115 x 800 x 780 x 820 ft

Call if any questions STP

Comments: This Personal Health Information contained in this facsimile is highly confidential. It is intended for the exclusive use of the addressee. It is to be used only to aid in providing specific healthcare services to the patient. Any other use is a violation of Federal Law (HIPAA) and will be reported as such. If you receive this facsimile in error, please destroy and contact our office.


THIS IS NOT A PERMIT TO INSTALL THE SEPTIC SYSTEM
THE SEPTIC TANK INSTALLER IS REQUIRED TO OBTAIN AN INSTALLATION LAYOUT
FROM THE MECKLENBURG COUNTY HEALTH DEPARTMENT PRIOR TO THE
INSTALLATION OF THE SEPTIC TANK SYSTEM. THE SEPTIC TANK CONTRACTOR
MUST BE REGISTERED WITH MECKLENBURG COUNTY.
NOTE: THE ACTUAL RO
FOR THIS SUB
J.R. BARNHARDT
DEED: 2606-336
RAMAH CREEK
EXISTING CONCRETE MONUMENT
20.00'
S 47°00'19" E
S 56°04'38" E 72.22'
S 45°24'03" E 33.55'
S 48°21'32" E 41.62'
392.58'
SEPTIC FIELD REPAIR AREA
APPROXIMATE LOCATION
Cleared area
Thick woods
24'28'17" W 282
S 37°00'00" E 280.00'
NEW IRON
1500 GAL SEPTIC TANK
APPROX. 4BR HOUSE
LOT 2
LOT 3
842.59' TO IRON
450.00'
282
APPROXIMATE LOCATION OF GAS PIPELINE
RAMAH CHURCH
PRESBYTERIAN CHURCH
094-478


LOT 6
MB 39-599
LEON JOSEPH MADDEN, JR.
& DEBRA MADDEN 15518-865
15518-865
011-261-31
LOT #3
ILE # 7132B
SHT # 2303
ARCEL # 011-261-12
COMMENTS &
→ SCALE = 1" = 100'
→ FOUR BEDROOM HOUSE
→ 1500 SEPTIC TANK
→ 0.3 LTAR
→ TYPE IIIg 25% Reduction System & Repair
→ 5 lines x 80' x 3'
→ 400 TLF
→ 18" MAX Trench Bottom
→ Keep well 100' from All Septic System
RAMAH CREEK
S 47°09'11"E 683.82' TOTAL
N 24°28'11"E 398.33'
N 24°28'11"E 444.18'
N 60°49'59"W 172.89' TOTAL
S 29°10'02"W 113.37'
S 84°58'10"E 184.81'
N 47°05'11"W 329.61'
N 64°35'18"W 204.56'
N 89°58'10"W 606.58'
S 89°32'58"W 438.80'
S 89°49'50"W 116.24'
S 89°58'10"E 178.52'
N 89°35'05"W
LOT 1
3.37 AC.
LOT 3
2.80 AC.
4 BDRM HOUSE
PROPOSED HOUSE DRIVE/PDE
WELL
REPAIR AREA
TREE AREA
30' EASEMENT 15' EACH SIDE CENTERLINE OF EXISTING DRIVE
100'+ BUILDING LINE
TRANSITIONAL R/W (55' FROM CENTERLINE)
RAMAH CHURCH RD.
CENTERLINE
CREEK
TOP OF BANK
100' SWPA BUFFER
15' SWPA BUFFER
30' SWPA SIDE TOP
45' MANAGED USE ZONE
25' UPLAND ZONE
REBAR
CONTROL CORNER
QUARTZ STONE
CRIMPED PIPE
NCR
JNCTL
FLECIA
MECKLENBURG CO GIS
7048963394
02/21/2008 21:52
FEB-22-2008 09:33
704 336 6894
PAGE 01


LOT 6
MB 39-599
LEON JOSEPH MADDEN, JR.
& DEBRA MADDEN 15518-865
15518-865
011-261-31
LOT #3
FILE # 7132B
PERMIT # 2303
PARCEL # 011-261-12
COMMENTS &
→ SCALE = 1" = 100'
→ FOUR BEDROOM HOUSE
→ 1500 SEPTIC TANK
→ 0.3 LTAR
→ TYPE IIIg 25% Reduction System & Repair
→ 5 lines x 80' x 3'
→ 400 TLF
→ 18" MAX Trench Bottom
→ Keep Well 100' From All Septic Systems
Jerry Nutt, R.S. 12/27/07
#5 REBAR CONTROL CORNER
CP
N 29°31'47"E 20.30'
19.74'
N 24°28'17"E 398.33'
RAMAH CREEK
S 47°05'11"E 683.32' TOTAL
653.32'
672.9'
673.1'
672.6'
100+1 BUILDING LINE
REPAIR AREA
80'
80'
80'
80'
80'
25' UPLAND ZONE
45' MANAGED USE ZONE
30'
30' STREAM SIDE ZONE
TOP OF BANK
45'
672.4'
4 BDRM. HOUSE
WELL
100'
184.81'
S 84°18'19"W
100' SWIM BUFFER
25'
LOT 3
2.60 AC.
N 60°49'58"W 172.69' TOTAL
121.50'
70'
113.37'
S 29°10'02"W
50.19'
REPAIR AREA
4 BDRM HOUSE
672.4'
N 47°05'11"W 329.61'
30.50'
CP
L1 BRIDGE
L5
L4
L3
L2
C1
C2
C3
GRAVEL DRIVE
WELL
672.4'
100+1 BUILDING LINE
TOP OF BANK
TRANSITIONAL R/W (35' FROM CENTERLINE)
CENTERLINE
RAMAH CHURCH RD.
N 64°55'16"W 204.56'
CP
78" CMP
CP
115'
115'
115'
115'
REPAIR
APPROXIMATE TREE LINE
WELL
TREE AREA
30' EASEMENT 15' EACH SIDE CENTERLINE OF EXISTING DRIVE
LOT 1
3.37 AC.
PROPOSED HOUSE ENVELOPE
4 BDRM HOUSE
35' SWIM BUFFER
35'
TOP OF BANK
N 89°58'10"W 606.56'
S 89°58'10"E 178.52'
QUARTZ STONE
S 63°32'39"E 10.37' (TIE ONLY)
1" PIPE
116.24'
1" PIPE
S 89°49'50"W
S 89°32'58"W 438.60'
#4 REBAR
#5 REBAR
18" RCP
CRIMPED PIPE
S 89°51'04"W 158.48'
N 89°35'03"W
#5 REBAR
N 24°28'17"E 444.16'
1
-599
COUNCIL
. COUNCIL
718
1-26