

14330 RAMAH CHURCH RD

1/8/2008

duponbj

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

FEE: $200.00 check
DATE: 7-14-04 X3088 41
VISA

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: X NEW SYSTEM ___ EXPANSION/ ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 5604B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 011-141-13po

STREET ADDRESS: Ramah Church Rd.

SUBDIVISION OR MOBILE HOME PARK NAME: Farm House Preliminary Subdivision Cluster

LOT NUMBER: 1 of 6

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
X HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

TOWNSHIP (CHECK ONE):

X 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS:

CLOSING DATE_____

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT ON SLAB
X CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES X NO TYPE: _____

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ MUNICIPAL (M)
X PRIVATE WELL (P)
___ SHARED WELL (S)
___ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES X NO
EXISTING WASTEWATER SYSTEMS ___ YES X NO
EASTMENTS OR RIGHT-OF-WAYS ___ YES X NO
WELL, SPRINGS OR WATERLINES ___ YES X NO
DESIGNATED WETLANDS ___ YES X NO

PROPERTY OWNER:

NAME: STUDDARD (LAST) KEN (FIRST) R (MI)

ADDRESS: 19525 Callaway Hills Lane

CITY: Davidson STATE: NC ZIP: 28036

DAYTIME PHONE: 704 201 - 5705

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: [signature] DATE: 7/14/04

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

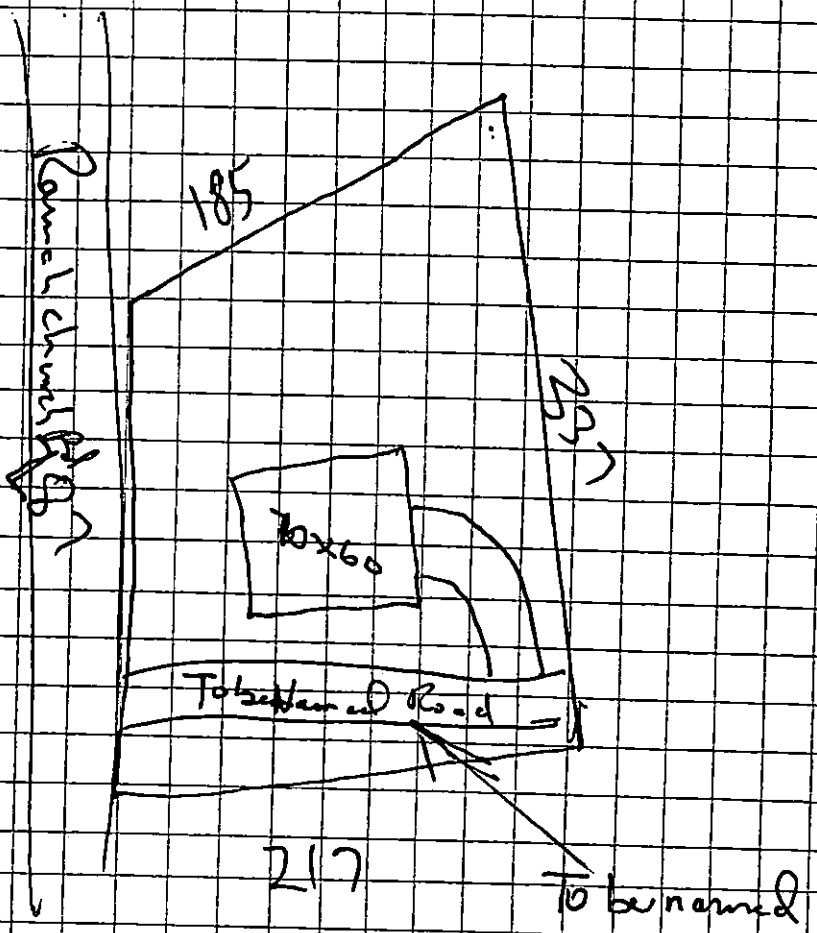
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5647B

TC: 011-141-13 po

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.



OWNER/AGENT SIGNATURE

DATE 7/14/04

APPROVAL DATE

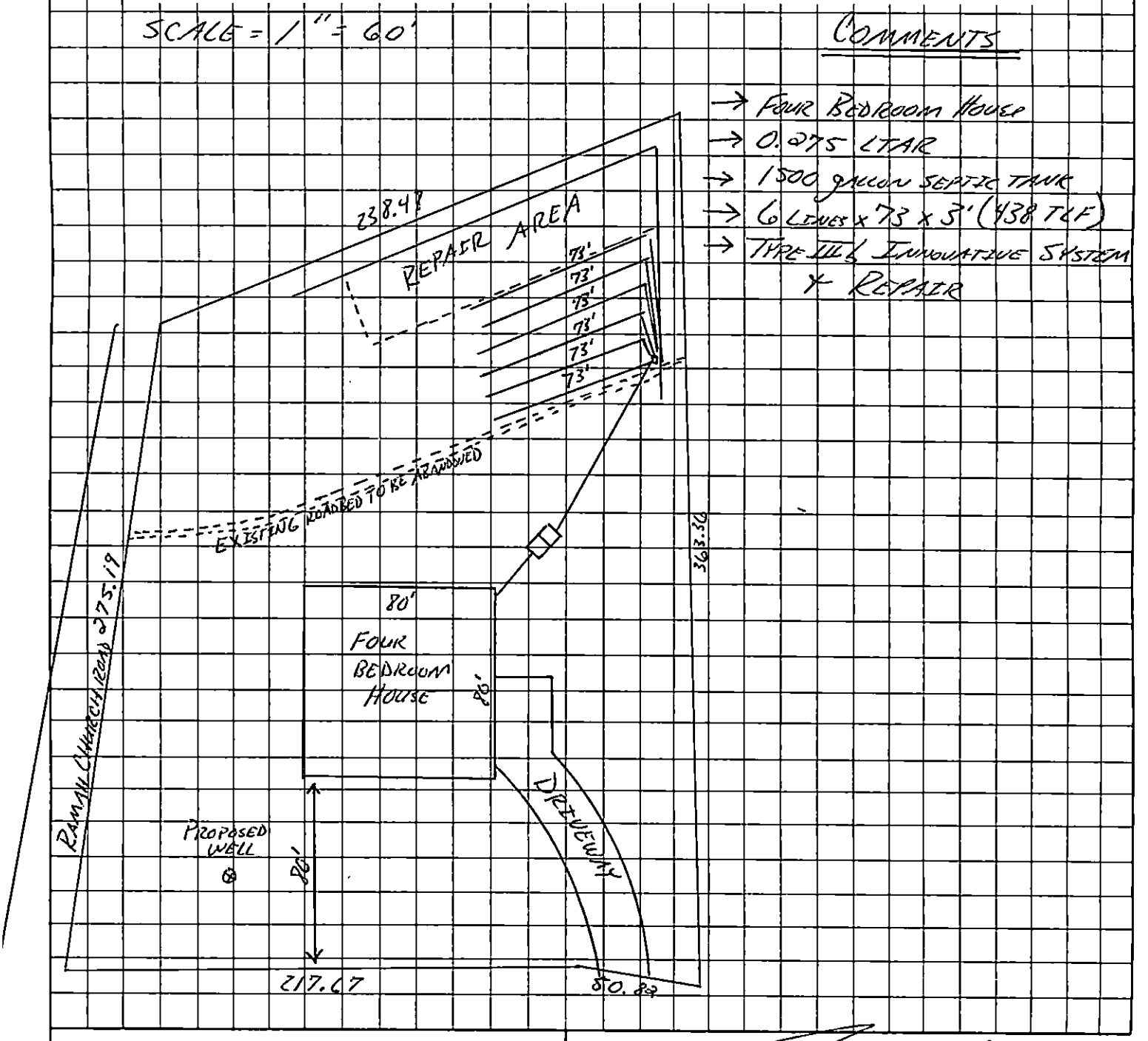
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 56475

TC: 011-141-13 PO

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.



OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE Jimmy Mickle, R.S. 10/28/04

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

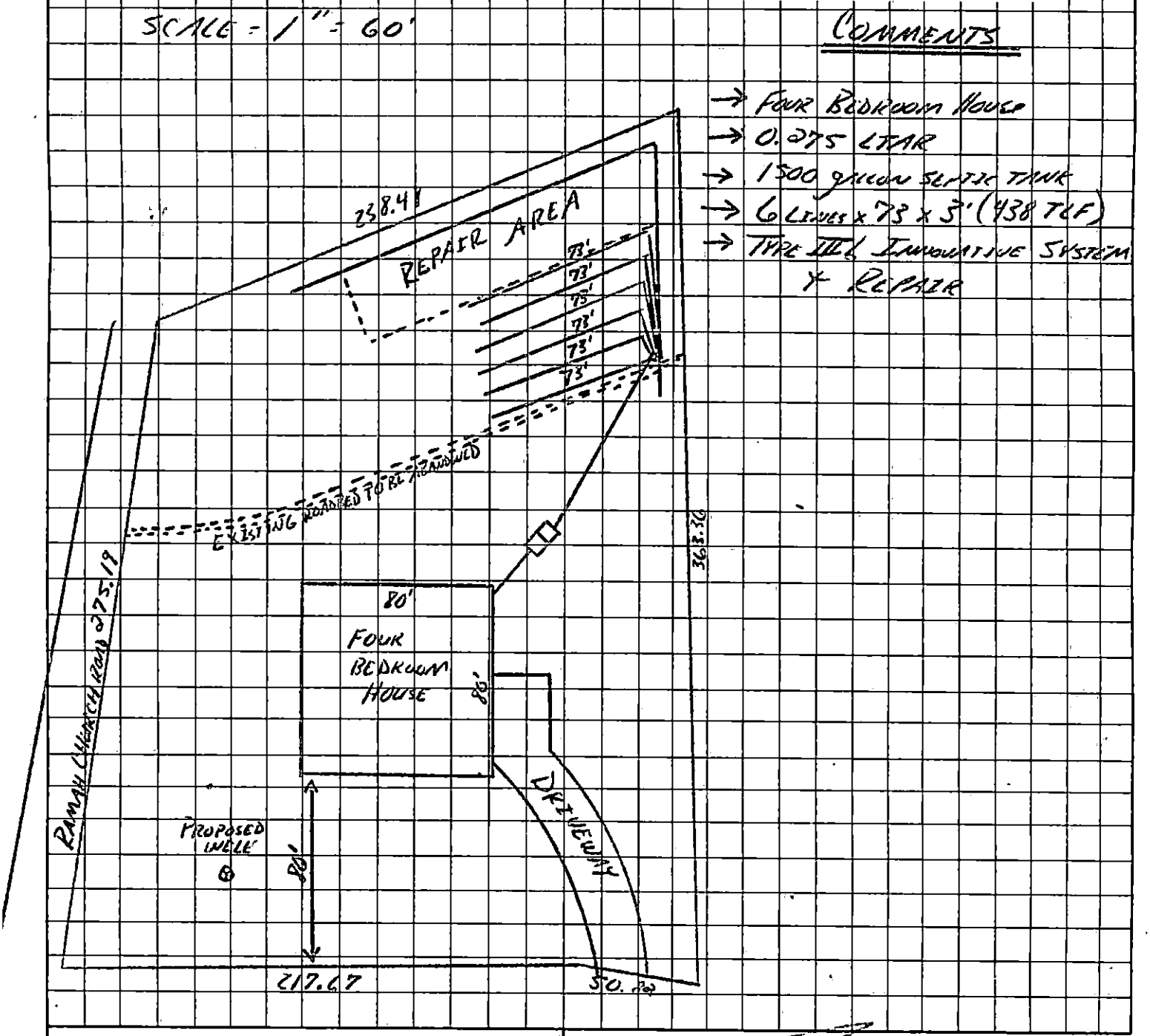
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ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 56475

TC: 011-141-13 120

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.



OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE Tommy Hucks, R.S. 10/28/04

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/14/04	**Amount:**	800.00
Receipt #:	26885	**Tendered:**	800.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	DAUGHVB		

Account Information

Account #: X36841
Contractor: ROYAL BUILDING COMPANY LLC
Attn:
Address: 19525 CALLAWAY HILLS LANE
Address:
City/State/Zip: DAVIDSON, NC 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen LOTS 1-4 RAMAH CHURCH RD		1	800.00	800.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
800.00					

MECKLENBURG COUNTY LAND USE AND ENVIRONMENTAL SERVICES

MISCELLANEOUS FEES

Requestor: Royal Bldg Co / Studdard, Ken	Phone #	Date 7.14.04
Account Name: VJ O		Account # X36841

I certify that I am authorized to charge this account for this service.

Signature: _____ Printed Name: Ken Studdard Date: 7.14.04

TC	Qty	Type	Unit Cost	Total Cost
		DEVELOPMENT ACTIVITIES ☐ 0002: Comm Drainage PR ☐ 0003: Driveway Pmt ☐ 0005: Erosion Control PR ☐ 0006: Final Plan Rev ☐ 0013: LD Stds Manual ☐ 0016: Subdivision PR ☐ 0025: LD Plans & Specs ☐ 0027: LD Plan Rev ☐ 0040: Erosion Control Cert		
		MAP SALES ☐ 0001: Aerial ☐ 0018: Topo ☐ 0019: Wetlands ☐ 0028: Zoning ☐ 0031: Digital Topo ☐ 0036: Digital Planimetric ☐ 0037: Plotting ☐ 0038: Hrly GIS ☐ 0039: Misc Map/Copy ☐ 0041: Deld CD ☐ 0043: Deld CD Dix ☐ 0044: Ortho Photo CD		
		STORM WATER ACTIVITIES ☐ 0007: Floodway Map ☐ 0008: Floodway Reg ☐ 0014: Storm Water Manual ☐ 0024: Storm Water Plans & Specs		
		LAND DEVELOPMENT CASH BONDS ☐ 0029: Commercial ☐ 0030: Residential Project _____		
		ZONING ACTIVITIES ☐ 0112: Residential Variance Request ☐ 0112: Commercial Variance Request ☐ 0140: Campaign Bond ☐ 0112: Residential Interpretation ☐ 0112: Commercial Interpretation		
0113		Zoning Citation(S) # _____		
		☐ 0117: Cert of Compliance ☐ 0118: Cert of Occupancy* (orig is free)		
0121		Letters of Certification/Verification		
0124		Research & Retrieval of Documents		
0125		Temp Utilities/Occupancy*		
		LOCAL LICENSE CARD/EXAM ☐ 0128: Mechanical ☐ 0129: Residential ☐ 0132: Electrical		
0141		3rd Party Inspection Services		
		PLAN REVIEW SERVICES ☐ 0134: Express PR ☐ 0135: Plan Submittal ☐ 0136: 3rd PR ☐ 0142: 4th PR ☐ 0143: 5th PR ☐ 0145: 25% Deposit ☐ 0151: Express Appl Fee ☐ 0152: Express Rev-Upfit ☐ 0153: Express Rev-New ☐ 0154: Day Care Rev		
		COUNTY FIRE ACTIVITIES ☐ 0203: Hydrant Flow Test ☐ 0204: Fire Code Violation ☐ 0206: Misc Charges		
0425		City of Charlotte Fire Plan Review FF#_____ Project #_____		
		CITY ENGINEERING DEVELOPMENT ACTIVITIES ☐ 0601: Comm Site Insp $ _____ ☐ 0602: Comm Driveway $ _____ ☐ 0605: Tree Landscape Rev $ _____ ☐ 0606: Tree Preserv Pln $ _____ ☐ 0608: Comm Drain PR $ _____ ☐ 0609: Erosion Ctl PR $ _____		
0001	4	Other: Septic / Water System - Res Lots 1-4 Ramah Church Rd	200.00	800.00
		Other:		
		Other:		

Cash?	Check?	Charge?	TOTAL COMPILED BY: LBU		
Yes No	#	Visa MC (Acct)	TOTAL RECEIVED		800.00

*Please list all permit numbers/addresses/project names, etc that relate to your request. A request for temporary utilities (gas and electric) would require two permit numbers.

DIVISION

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

Sheet: 1 of 2
Property ID: PO 011-141-13
Lot #: 1
File #: 5647B
Code: 2

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Ken R. Stoddard
Address: 19525 Callaway Hills Lane, Davidson, N. C. 28036
Proposed Facility: Residence Design Flow (.1949): 480gpd
Location of Site: Off Ramah Church Road
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:
Date Evaluated: 8/4/2004
Property Size: .75a inv.
Property Recorded:

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
1	LS. 6	0-4	GR/SL	FR/SEXP/NS/NP	>29" TO SOIL WETNESS	29	N/A	NONE	US
		4-22	SBK/SCL	FR/SEXP/SS/SP					
		22-29	SBK/SCL	VFI/EXP/VS/VP					
2	"	0-6	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	"	"	PS, IV .25GPD/FT^2
		6-16	SBK/SCL	FR/SEXP/SS/SP					
		16-48	SBK/SCL	FI/SEXP/S/P					
3	"	0-15	GR/SCL	FR/SEXP/NS/NP	>40" TO SOIL WETNESS	40	"	"	US, III .3GPD/FT^2
		15-30	SBK/SCL	FR/SEXP/SS/SP					
		30-40	M/SCL	"					
4	"	0-8	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	"	"	PS, III .3GPD/FT^2
		8-48	SBK/SCL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	US
System Type(s)		
Site LTAR	.275GPD/FT^2	.275GPD/FT^2

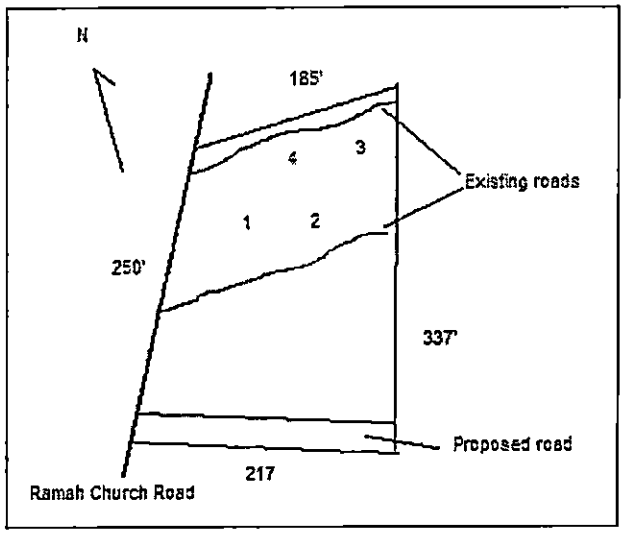
Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 8/16/2004. W. R. Marlin
Others Present:

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-Food 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		
FP-Flood Plain		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

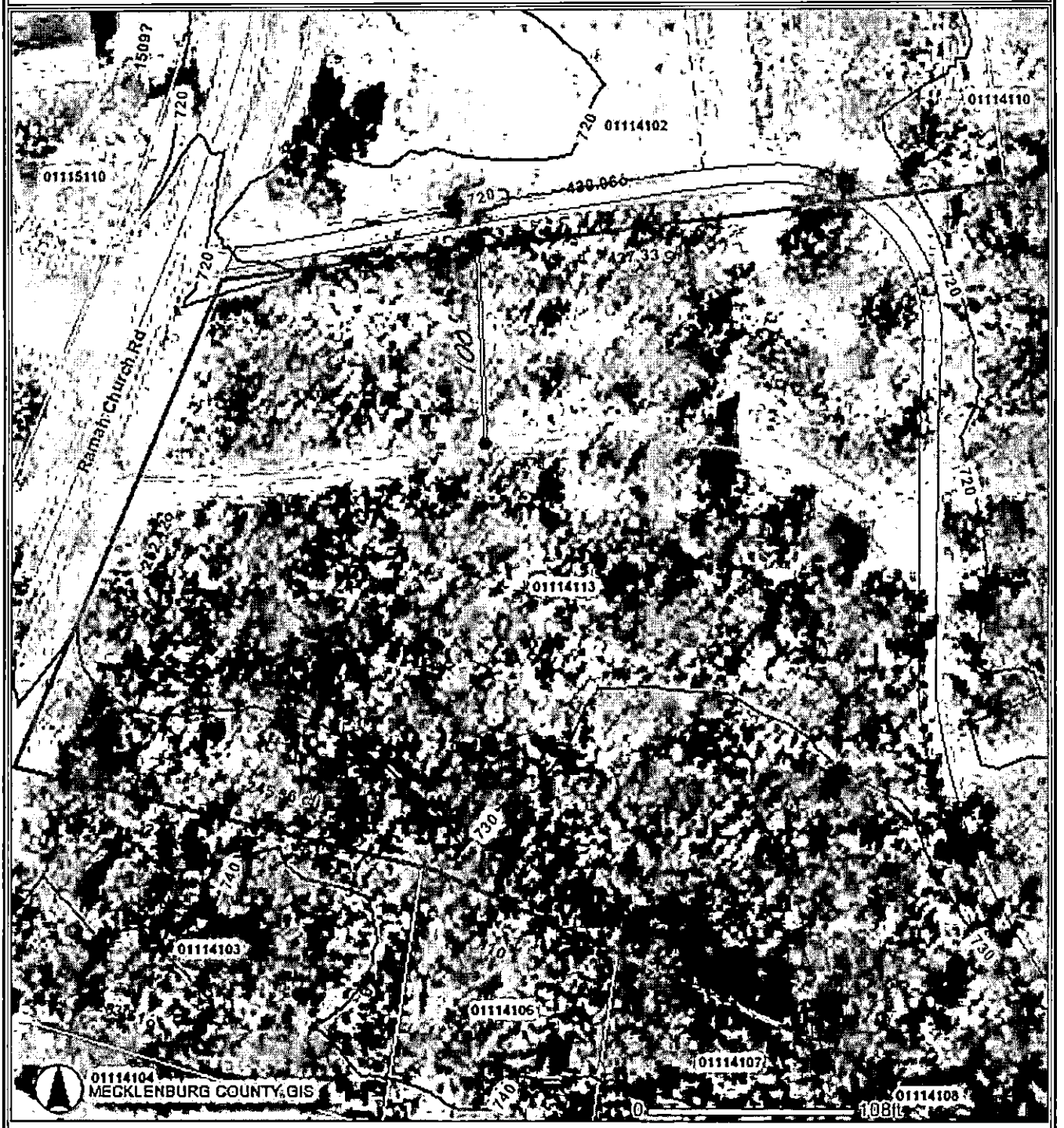


Mecklenburg County, North Carolina

POLARIS

Property Ownership Land Records Information System

Date Printed: Thu Oct 28 09:34:52 EDT 2004



Total Measure Line Length: 99.75 Feet

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.

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: 5647B

Tax Number: 01114113PO

- The 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.

Basement: ☐ Yes ☒ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.275 Long-term acceptance rate (GPD/ft^2)	480 Max gallons/day wastewater flow	1314 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☒ Yes ☐ No	1500 Gallon septic tank	438 Total trench length (ft)	24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
4 Bedrooms in residence	NA Gallon pump tank	NA Depth of stone (in)	

Any surface water present: NO Type: Minimum separation distance (ft):

Additional conditions:

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1314 Absorption Area (ft^2) 438 Total trench length (ft)	NA Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	24 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

Jeremy Medlock, L.S. 10/28/04

DENR Authorized Agent Date

Owner/Agent Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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

FEE: _____
DATE: _____

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

AOS

PERMIT NUMBER: 5647B
PARCEL NUMBER: 01114113PO

JOB LOCATION ADDRESS: Lot #1 Ramah Chase
PROPERTY OWNER: Ken Studdard
BUILDING CONTRACTOR: Roayal Building
SUBDIVISION NAME: Ramah Chase
AUTHORIZATION ISSUED BY: Jeremy Michelone, R.S. DATE: 10/28/04

Jeremy Michelone, R.S.
DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 5647B, 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. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

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.

5. OTHER CONDITIONS:
   Agreement forms on file before CA release.