

14424 E ROCKY RIVER RD

00725131

6/1/2007

duponbj

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

5511A

Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
Health Director

April 5, 1989

Charles E. Ross
c/o Julie Jones
P.O. box 626
Davidson, NC 28036

Dear Mr. Ross:

A pre-preliminary investigation of soils and topography was made on the tract (parcel #007-251-14) located on East rocky River road. A soils map was prepared and a copy is enclosed.

There is an existing house and septic tank system on the tract. I was not aware of the fact that the septic tank system drainfield appears to be approximately 400 feet from the house at the time of the investigation. I am enclosing copies of a soil report made in March 1981. I did not detect the soils area that the drainfield is located due to the type investigation I was conducting. I was making borings 200 feet or more apart on the tract. Small inclusions of different soils can easily be passed over during this type of investigation.

The areas shaded yellow on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included are soils with expanding clay , a drainageway area, and complex slopes.

The expanding clay soils have clay minerals that swell when wet. This reduces soil pore space and inhibits internal soil water movement. These soils are generally shallow to saprolite, ranging in depth from eighteen to approximately thirty-six inches. Some indication of perched water was noted at depths of less than thirty-six inches. slopes range to approximately fifteen percent.

The drainageway-depression area collects and channels surface water runoff from the surrounding land areas. Some surface flooding of precipitation. The soils in the area are also subject to seasonal water tables that occur less than thirty-six inches from the soil surface.

Complex slopes occur on the tract as well. The area delineated on the map appears to be an old road that has eroded. Some complex slopes occur adjacent to the drainageway area and are included in that delineation. Complex slopes are too irregular to be used for septic tank system installation.

The unshaded area appears to be dominantly acceptable for the installation of septic tank systems. Soils have clay subsoil horizons that are blocky with respect to structure. Depth to saprolite and ground water is greater than thirty-six inches. Slopes range to approximately ten percent.

Based on this investigation, there are some soils appearing to be dominantly acceptable for septic tank system installation located on the tract. Please note that this report does not express or imply individual site approval for septic tank system installation. Individual site approval is based in part on the satisfactory completion of an investigation of each site. Note also that soil delineations may be subject to change pending additional investigation. Small inclusions of soils could occur within a given delineation.

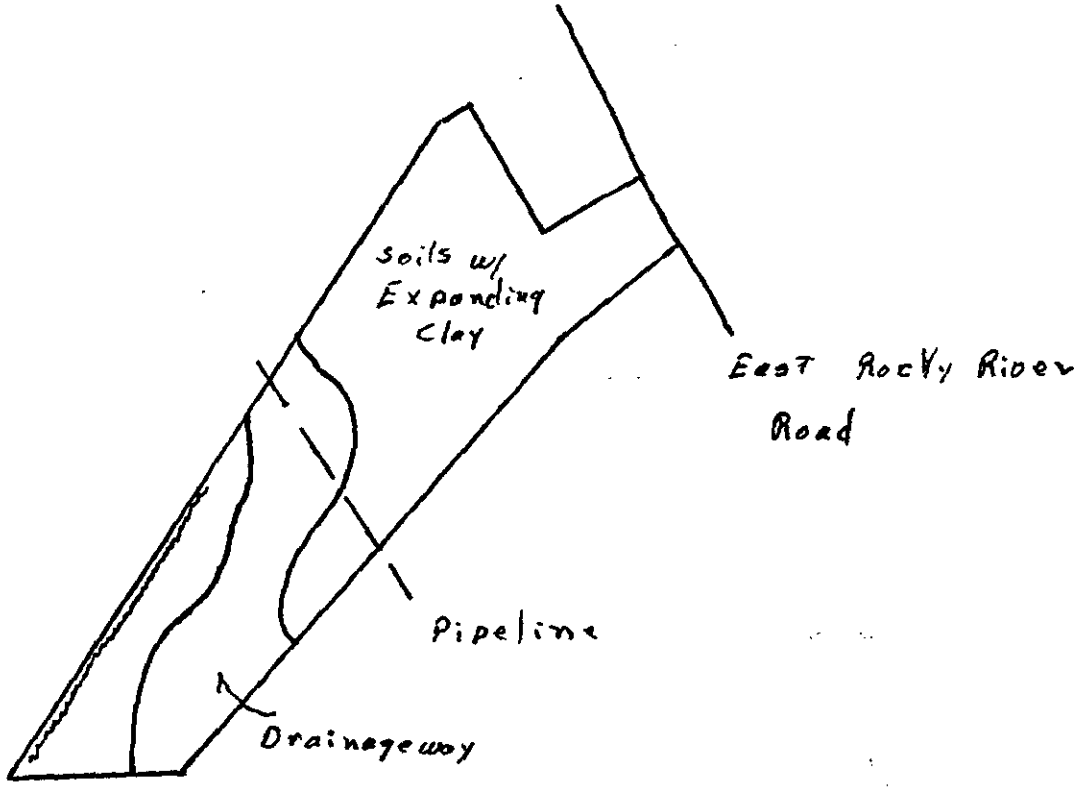
I would suggest two procedures to be followed in the event the property is to be divided. First, the existing drainfield and pipe connecting it with the septic tank at the house must be precisely located. Second, it would be necessary for the locations of any future septic tank systems proposed for the tract to be marked. Individual site investigation requests would need to be made in order to determine the soil suitability of these selected sites. Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

Pre-Preliminary 007-251-14



☐ Soils Appearing To Be Dominantly Acceptable
For Septic Tank System Installation

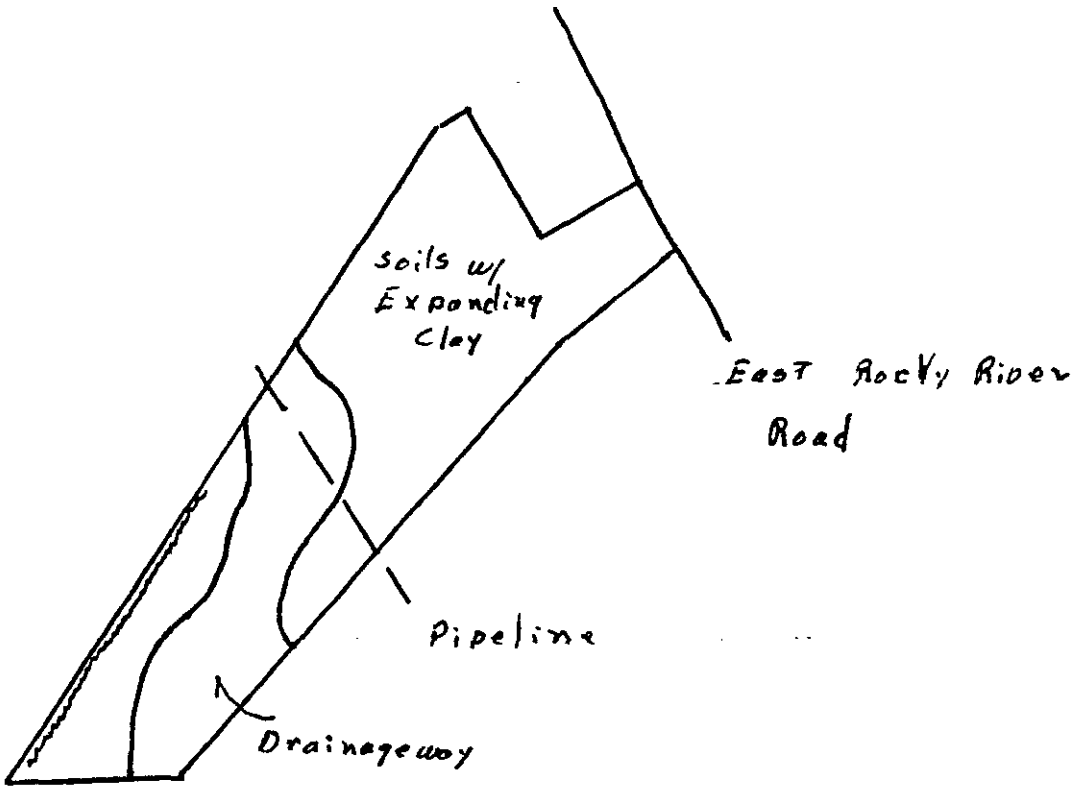
☐ Soils Appearing To Be Dominantly Unacceptable
For Septic Tank System Installation

w/ complex slopes

W.R. Merlin - Soil Scientist

4-5-89

Pre-Preliminary 007-251-14



☐ Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

☐ Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

w complex slopes

W.A. Merlin - Soil Scientist

4-5-89

APPLICATION FOR SOIL INVESTIGATION

3/13

Property owner chose to do a pre-preliminary on this tract in lieu of 4 individual sites

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 5511A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: 14424 E. Rocky River Rd, Davidson

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 007 PAGE NO.: 251 PARCEL NO.: 14

⑥ DEED REFERENCE: BOOK NO.: 5132 PAGE NO.: 917

OWNER

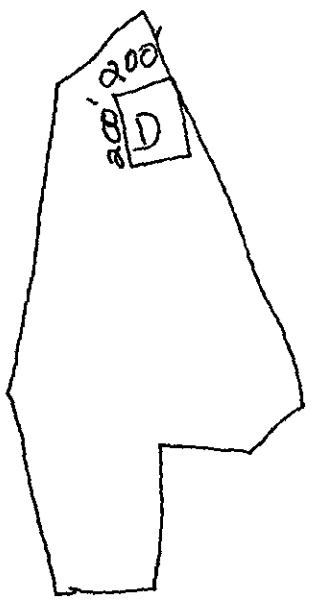
⑦ NAME: ~~Ross~~ Charles (FIRST) ~~Charles~~ E. (MIDDLE) ~~&~~ Ross (LAST)

⑧ MAILING ADDRESS: agent: Julie Jones, P.O. Box 626

⑨ CITY: Davidson ⑩ STATE: NC ⑪ ZIP: 28036

⑫ PHONE: (WORK) 892-9999 (HOME) 892-7315

⑬ Accurately diagram and dimension lot. See attached survey.



⑭ The undersigned, 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Charles E Ross

Date: 3-2-89

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 3/7/89

Name/Company Jeannine Jones

Sanitation ____
Vector Control ____
C.P.W.D. ✓

Service: Soil test
5511H + 5515A - Ind. Lot
@ 13.38 ac pre-prelim

MECK. HEALTH ENVIRONMENTAL HEALTH DIVISION
PAID
MAR 7 1989

Fee: $ 150 —

Completed by

Collected by

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 5512A

TC: _____

☐ PC ☐ REPT

See file 5511A for check slip

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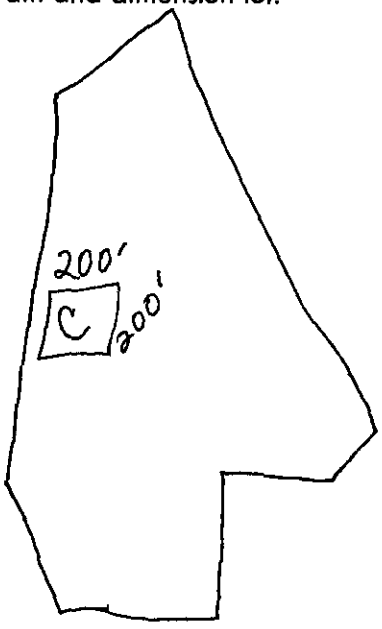
⑦ NAME: ~~Ross~~ Charles ~~Charles~~ E, & Ross
(FIRST) (MIDDLE) (LAST)

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⑬ Accurately diagram and dimension lot.



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APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 5513A

TC: _____

☐ PC ☐ REPT

See file 5511A for charge slip

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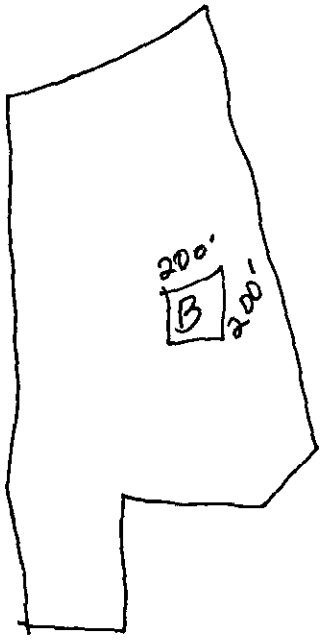
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APPLICATION FOR SOIL INVESTIGATION

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 5514A

TC:

☐ PC ☐ REPT

Septic 5511A for chart slip

JOB LOCATION

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OWNER

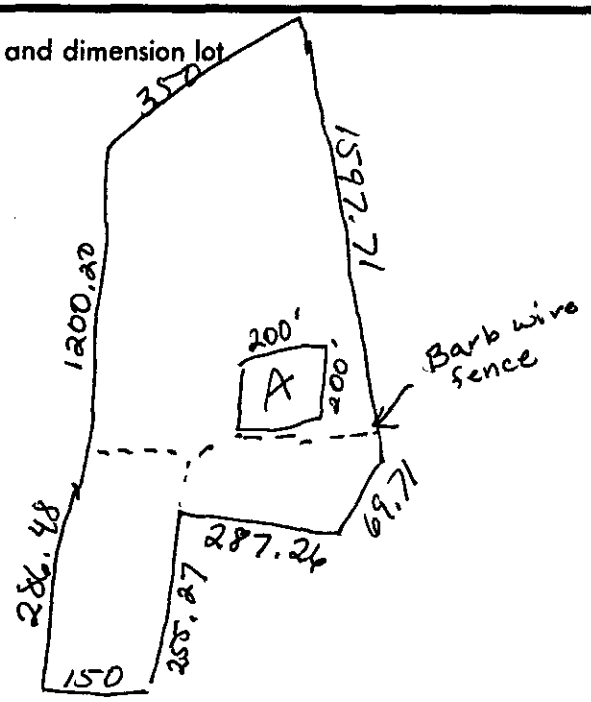
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