

Ridge Rd

02923103

&

02922103

6/5/2007

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

FILE: 56088A ✓

TC: _____

JOB LOCATION

① ADDRESS: Ridge Road

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

⑤ PARCEL REFERENCE: BOOK NO.: 29 & 29 PAGE NO.: 231 & 221 PARCEL NO.: 03 03

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

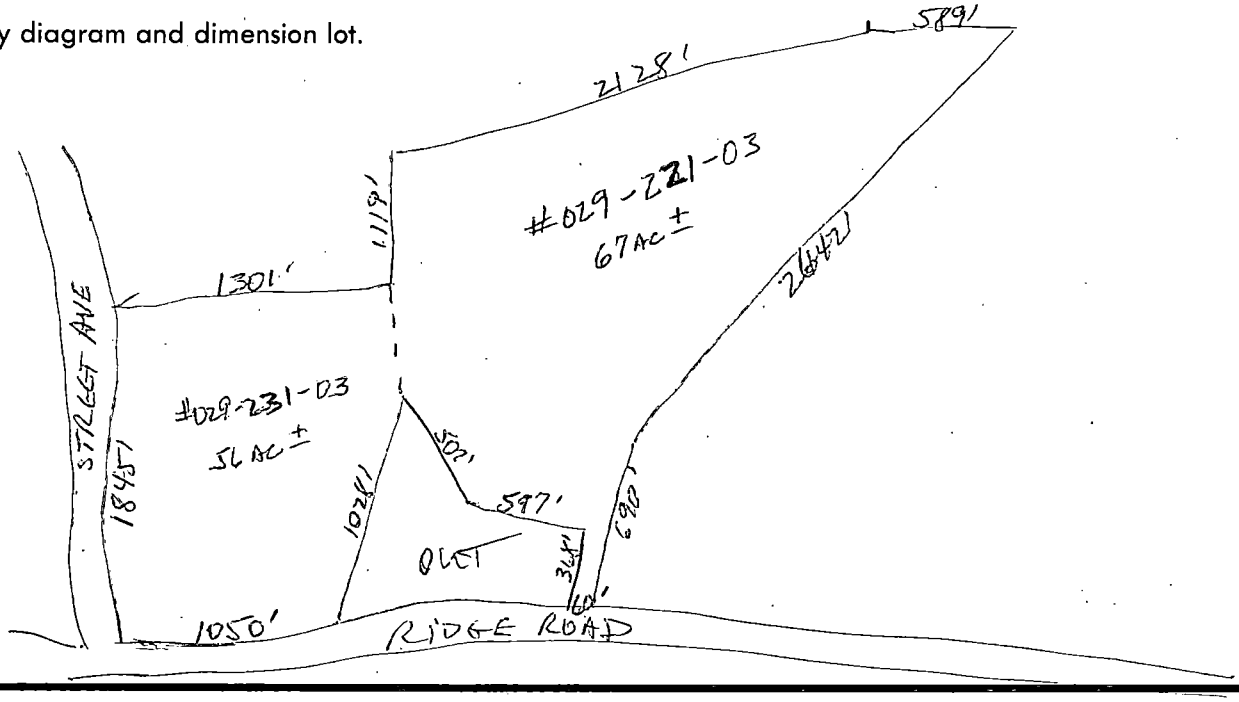
⑦ NAME: NCNB National Bank of N.C., Trustee u/w James A. White
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: c/o Clifford Austin 1100 S. Tryon St., Suite 100 Charlotte, NC 28203

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28203

⑫ PHONE: (WORK) 342-4064 (HOME) _____

⑬ Accurately diagram and dimension lot.



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: NCNB National Bk. of N.C. Trustee u/w-James A. White
By - O. Leonard Richardson Jr, V.I.P.

Date: 4-25-89

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 4/26/89

Name/Company Clifford Austin
60

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Air Drainage
#5688A
122 ac

COUNTY
RTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

APR 26 1989

CR H110 0
H660

Fee: $ 660 —

S688H

Mecklenburg County
Health Department

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

May 17, 1989

N.C.National Bank of North Carolina
Trustee u/w James A. White
c/o Clifford Austin
1100 S. Tryon St., Suite 100
Charlotte, N.C. 28203

Gentlemen:

A pre-preliminary investigation of soils and topography was made on the tracts (029-231-03 and 029-221-03) located on Ridge Road. A soils map was prepared and a copy is enclosed.

The unshaded areas on the enclosed map represent mixed soils that appear to be dominantly unacceptable for the installation of septic tank systems. Soil conditions noted are as follows: soils with expanding clay, shallow depth, and seasonal perched water; drainageway areas and complex slopes.

Most of the soils on the tracts have expanding clay present. This material swells when wet, reducing soil pore space and inhibiting natural water movement through the soil profile. Subsoil horizons are of a clay texture and are blocky with respect to structure. These soils can be very shallow with saprolite occurring as shallow as twelve inches. Perched water is quite common in these soils as well, occurring as shallow as eight inches. Slopes range to approximately fifteen percent.

The drainageway areas collect and channel surface water runoff from surrounding land areas. These areas would be subject to some surface flooding during periods of precipitation. The soils in the flat areas of the drainageway, are subject to seasonal water at depth of less than thirty-six inches.

A few complex slope areas have irregular, eroded slopes that are not adaptable for the installation of septic tank systems.

Some scattered borings of soils appearing to be dominantly acceptable were found on the tract. These soils have clay subsoils with blocky structure. Depth to ground water is greater than thirty-six inches. Saprolite depth ranges to approximately thirty-six inches but may be shallower. Slopes range to approximately twelve percent. These soil areas did not appear to be large enough to delineate at the time of this investigation. A more intensive investigation would be needed to determine more accurately the extent of these soils. The approximate locations of the borings are marked.

Based on this investigation, the majority of the soils on the two tracts appear to be dominantly unacceptable for the installation of septic tank systems. Please note that this report does not express or imply that sufficient areas of acceptable soils for septic tank system installation are present. Soil delineations may be subject to change pending additional investigation with established reference points. Inclusions of soils other than those delineated may be present. Individual lot approval is dependent in part on the satisfactory completion of an investigation of the specific lot or site. No lots are currently marked on the tract. Please contact me if there are any questions with regard to this report.

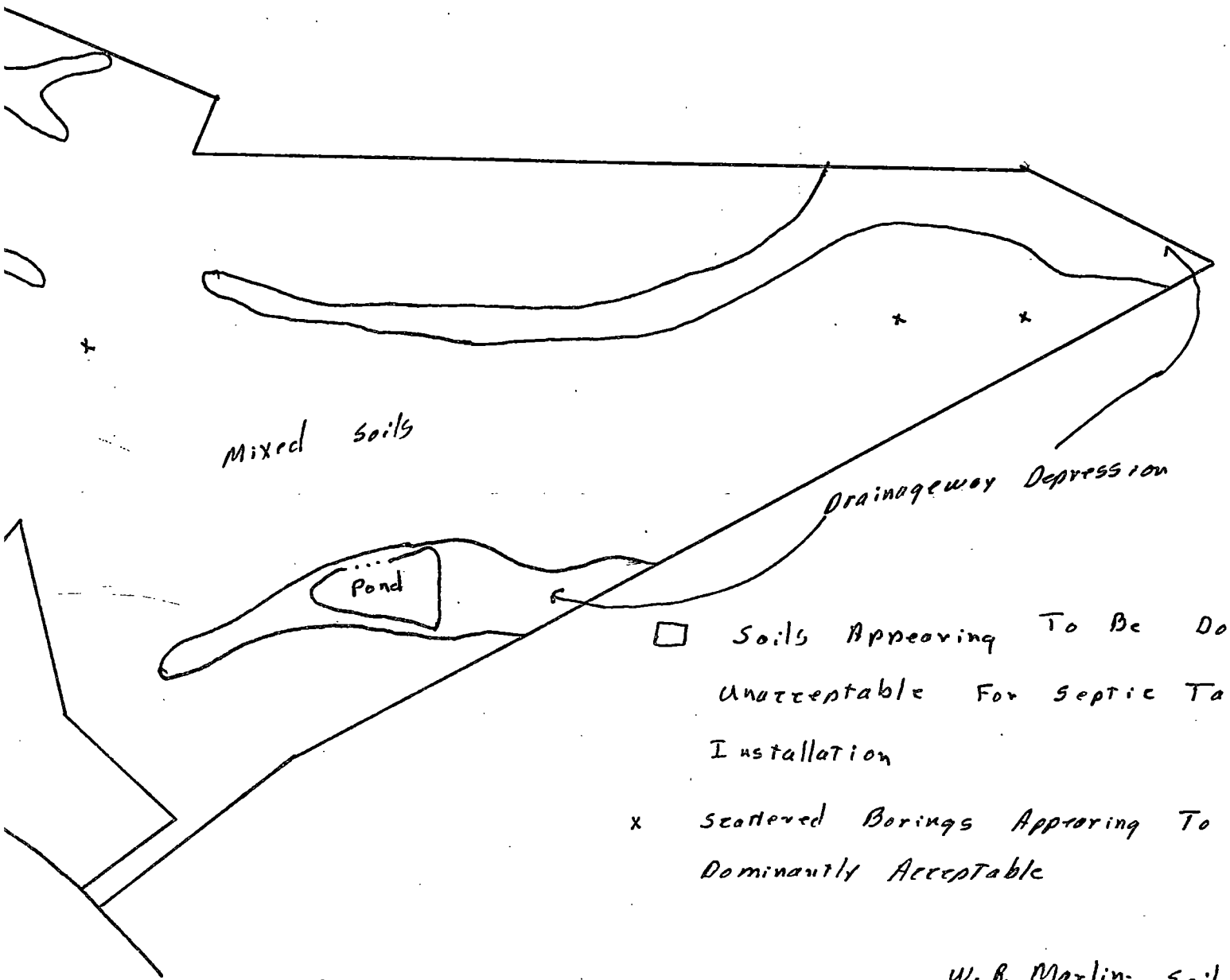
Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist
On Premises Waste Disposal & Water Supply

zinageway-
Depression

Pre-Preliminary 029-231-03, 029-221-03

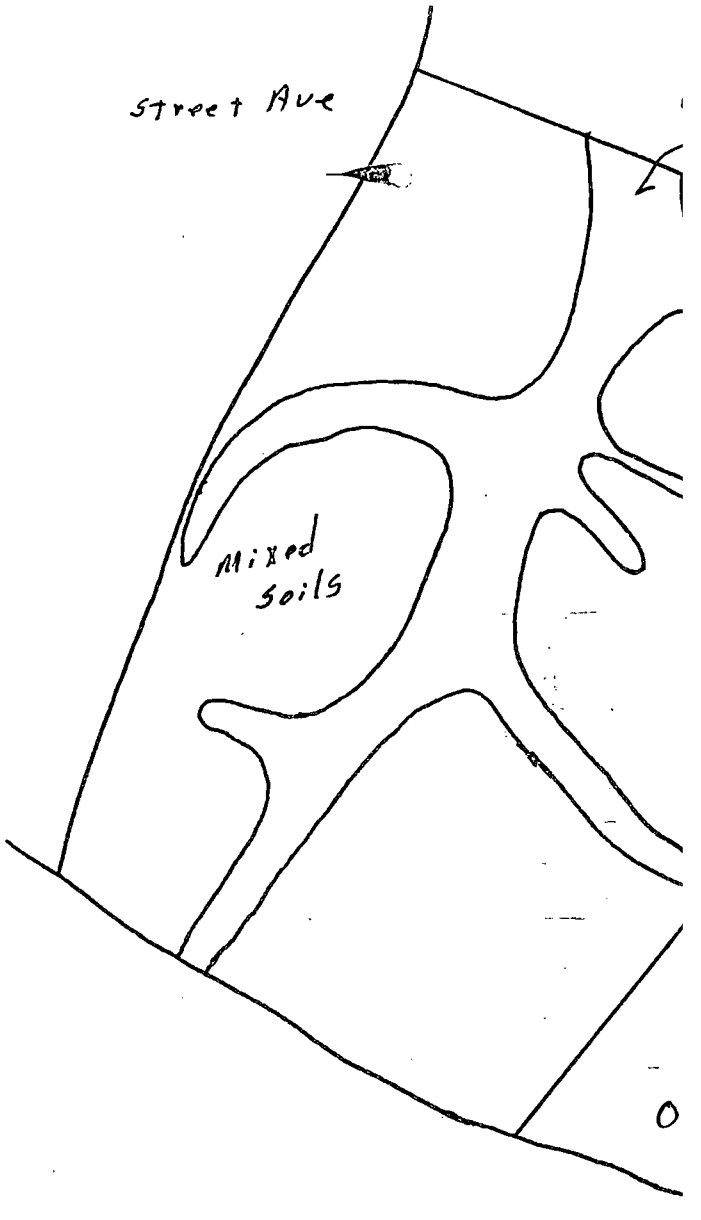


□ Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

x Scattered Borings Appearing To Be Dominantly Acceptable

W. R. Marlin Soil Scientist

5-17-89


Street Ave
Mixed
Soils