

7720 ORRVIEW DR

6/11/2007

duponbj

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

Fk 6991-A

Mecklenburg County
Health Department

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

October 13, 1989

Ronald L. Payne
P.O. Box 3145
Charlotte, NC 28210

Dear Mr. Payne:

An investigation of soils and topography was made on the tract (parcel 137-041-48) located at the end of Orrview Road. A soils map was prepared and a copy is enclosed.

The areas marked with yellow lines appear to be dominantly unacceptable for the installation of septic tank systems. Included are drainageway-depression areas, and soils with expanding clay and seasonal perched water tables.

The drainageway-depression areas collect and channel surface water runoff from surrounding level areas. It is quite possible that portions of this area would be subject to surface flooding during periods of heavy and prolonged precipitation. Complex slope areas (irregular slopes not adaptable for septic tank system installation) are present in spots within the drainageway-depression areas.

Soils with both seasonal perched water and expanding clay minerals are present on the tract. Seasonal perched water was found at depths of less than thirty-six inches (eighteen to thirty) from the soil surface. The expanding clay minerals that are present swell when wet, reducing soil pore space and internal soil water movement. Slopes range to approximately fifteen percent. Some borings less than thirty-six inches to sopolite were noted.

The unshaded areas appear to be dominantly acceptable for the installation of septic tank systems. These soils have clay subsoil horizons that are blocky with respect to structure. Depth to ground water and sopolite is greater than thirty-six inches. Slopes range to approximately fifteen percent.

Based on this investigation, there are some areas of the tract that appear to be dominantly acceptable for the installation of septic tank systems. Please note that this report does not express or imply individual lot approval for septic tank system installation. Individual lot approval is dependent in part on the satisfactory completion of an investigation of each lot. No lot corners were established on the tract at the time of this investigation. Note also that soil delineation lines may be subject to changes of location pending additional investigation. Inclusions of soils other than those delineated may occur.

Several of the proposed lots have only 20,000 square feet of area. It may be difficult to locate a house, well, and septic tank system on lots of this size. These lots will require that a one hundred percent repair area be available. This means that there must be an additional area of acceptable soils equal in size to that required for the initial system. This may be difficult to do on lots of this size.

Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 8/29/89

Name/Company: Ronald Payne

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
AUG 29 1989

Sanitation _____

Vector Control _____

O.P.W.D. ✓

ck 1185

Service: Soil
7.5 acres
Pre-preliminary

Fee: $ 130.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by _____ Collected by _____

BILLING — WHITE [redacted]

130.00

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6091A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: ORRVIEW DRIVE

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

⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: 137-041-25 P.O.

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

OWNER

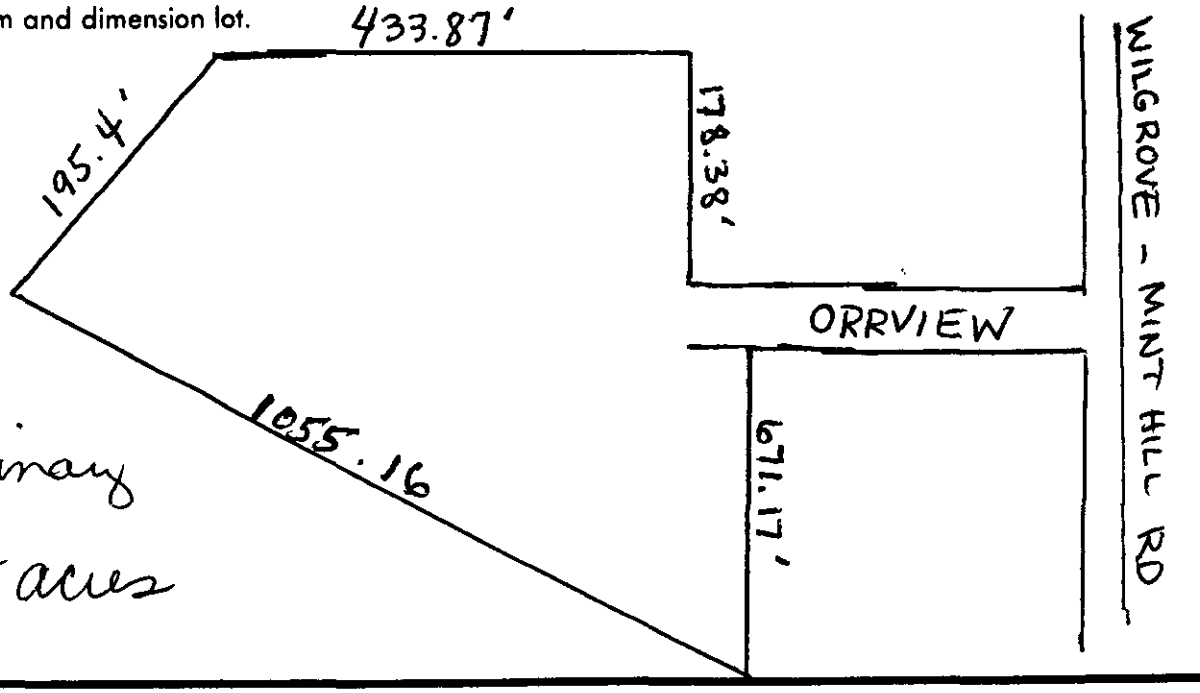
⑦ NAME: Ronald (FIRST) Lee (MIDDLE) PAYNE (LAST)

⑧ MAILING ADDRESS: PO Box 3145

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28210

⑫ PHONE: (WORK) 553-8451 (HOME) 553-8451

⑬ Accurately diagram and dimension lot.



Pre-preliminary

7.5 acres

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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Ronald L Payne

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

Date: August 29, 1989

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 8/29/89

Name/Company: Steven Sigmon

Sanitation _____

Vector Control _____

O.P.W.D. ✓

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
AUG 29 1989

CK 1007

Service: Soil
6093A
1 acre

Fee: $ 40.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

K Dalton
Completed by

Collected by

BILLING — WHITE [redacted]

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6093A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: Hooks Rd Matthews

② SUBDIVISION: N/A ③ LOT: ~~N/A~~ 25 ④ BLOCK: N/A

⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: _____

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: 195-112-25

OWNER

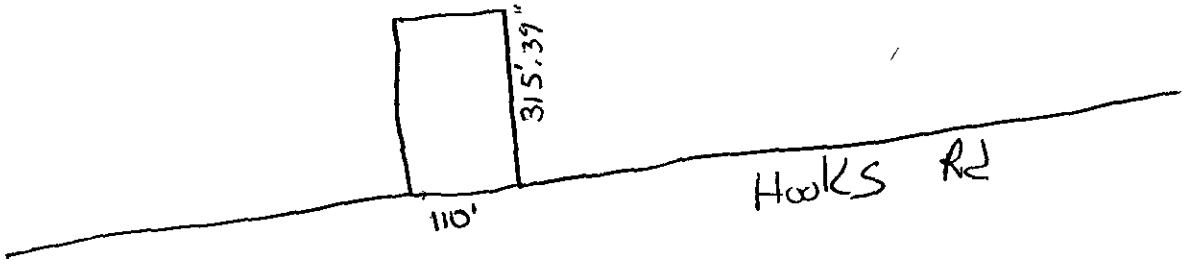
⑦ NAME: Steven (FIRST) Wayne (MIDDLE) Sigmon (LAST)

⑧ MAILING ADDRESS: 11308 Hall Mark Drive

⑨ CITY: Matthews ⑩ STATE: N.C. ⑪ ZIP: 28105

⑫ PHONE: (WORK) 377-4513 (HOME) 847-[redacted]3421

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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Steven Sigmon

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

Date: 8-28-89

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY