

IRWIN ROAD
108-021-22

5/30/2007

duponbj

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

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5117A

Mecklenburg County
Health Department

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

February 21, 1989

Robert Economos
4822 Albemarle Road
Charlotte, NC 28212

Dear Mr. Economos:

A preliminary investigation of the proposed Ellenwood subdivision located on Irwin Road has been completed. A soils map of the area was made and a copy is enclosed.

The areas marked with yellow lines on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included are complex slope areas and drainageway-depression areas.

The complex slope areas have been eroded to the point that the areas are not adaptable for the installation of septic tank systems. The slopes are irregular.

The drainageway-depression areas collect and channel surface runoff from the surrounding land areas. These areas show evidence of seasonal water at depths of less than thirty-six inches. Some surface flooding could be expected during periods of precipitation.

The soils in the unlined 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 seasonal perched water, saprolite, and restrictive horizons is greater than thirty-six inches. Slopes range to approximately twelve percent.

Based on this investigation; lots 1, 2, 3, 6, 8, 9, and 10 appear to have adequate areas of dominantly acceptable soils for the installation of septic tank systems. Lot 7 has a limited area of dominantly acceptable soils. Lots 4, 5, and 6 do not appear to have adequate areas of dominantly acceptable soils for septic tank system installation.

Please note that any lots created on the tract would require that a one hundred percent area in acceptable soils be available for repair. Note also 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 individual lot investigation. No lots were marked on the tract at the time of this investigation. Note also that soil delineations may be subject to change pending additional investigation with established reference points. Inclusions of soils other than those delineated may occur on the tract.

Please contact me if there are any questions with regard to septic tank system installation.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

WRM/ir

File 5117A

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 5117A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: IRWIN ROAD

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

⑤ PARCEL REFERENCE: BOOK NO.: 108 PAGE NO.: 021 PARCEL NO.: 22

⑥ DEED REFERENCE: BOOK NO.: 2068 PAGE NO.: 246

OWNER

⑦ NAME: ROBERT (FIRST) ECONOMOS (LAST)

⑧ MAILING ADDRESS: 4822 Albemarle Rd.

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28212

⑫ PHONE: (WORK) 536-6937 (HOME) 362-3409

⑬ Accurately diagram and dimension lot.

SEE ATTACHED SUBDIVISION PLAN

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: _____

Date: _____

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

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 1/31/89

Name/Company Tommy Economos

Sanitation _____

Vector Control _____

C.P.W.D. ✓

Service: Preliminary
8 ac -
#5117A / 5118A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

JAN 30 1989

Fee: $180 - C# 2794
#180.00

Completed by

Collected by

Mecklenburg County
Health Department

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

October 27, 1988

Mrs. Beulah M. Collier
2127 Winter Street
Charlotte, NC 28205

Dear Mrs. Collier:

A pre-preliminary investigation of soils and topography was made on the tract (parcel 108-021-22) located on Irwin Road. A soils map was prepared and a copy is enclosed.

The soils in the areas marked with yellow lines appear to be dominantly unacceptable for the installation of septic tank systems. These are primarily depression areas that collect and channel surface runoff. In addition, borings in these areas indicate the presence of seasonal perched water at depths of less than thirty-six inches. Some expanding clay minerals that swell upon becoming wet are also present. Surface flooding will quite probably occur during periods of precipitation.

The unshaded areas appear to be dominantly acceptable for the installation of septic tank systems. These soils have clay subsoil horizons with blocky 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 areas on 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 the installation of septic tank systems. Individual lot approval is dependent in part of the satisfactory completion of an investigation of each lot, with lot lines and corners established. Currently, no lot lines or corners are established on the tract. Note also that soil delineations may be subject to change pending additional investigation. Inclusions of soils other than those delineated may occur.

It is recommended that proposed lots requiring wells and septic tank systems be approximately one acre in size. Lots being provided with a community or municipal water source are recommended to have lot sizes of approximately three-quarters of an acre. Due to site considerations, the space requirements might be increased in both situations.

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

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

WRM/ir

Enclosure

cc: File 5117A

45

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
SEP 2[illegible]

FILE: 5117A

TC: _____

☐ PC ☐ REPT

ENVIRONMENTAL HEALTH DIVISION

JOB LOCATION

① ADDRESS: NO. # ST. — IRWIN ROAD, MECK. COUNTY

② SUBDIVISION: NOT APP. ③ LOT: NOT APPLIC. ④ BLOCK: NOT APP.

⑤ PARCEL REFERENCE: BOOK NO.: 108 PAGE NO.: 021 PARCEL NO.: 22

⑥ DEED REFERENCE: BOOK NO.: 2078 PAGE NO.: 39

OWNER

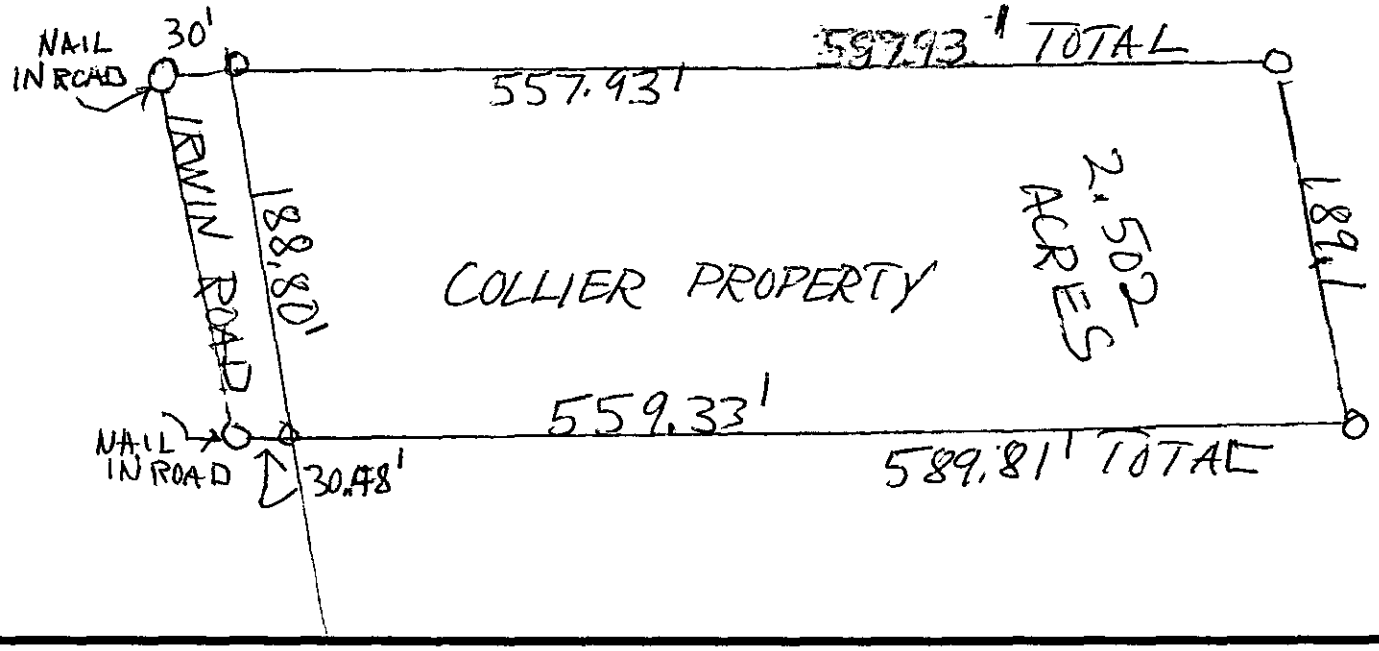
⑦ NAME: MRS. BEULAH M. COLLIER
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: 2127 WINTER ST.

⑨ CITY: CHARLOTTE ⑩ STATE: N.C. ⑪ ZIP: 28205

⑫ PHONE: (WORK) NONE (HOME) 375-5105

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: Mrs. Beulah M Collier

Date: 9-21-88

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 10/19/88

Name/Company Gray Miller

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Soil Test - Pol-preliminary

#5118A 5.29ac

#5117A 2.5 ac

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

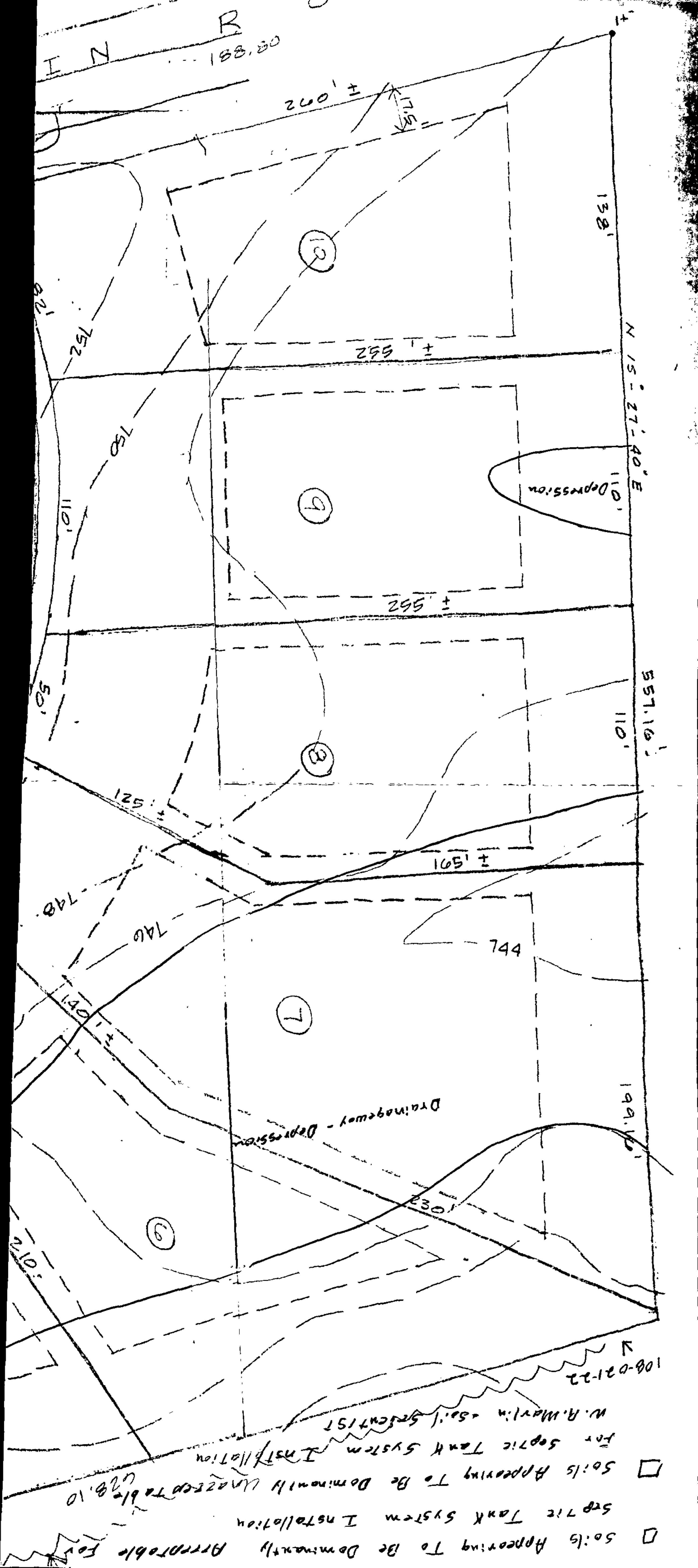
OCT 19 1988

Fee: $ 125 —

Cash
125.00

Completed by

Collected by



I N R
188.80
260' ±
17.5'
138'
N 15° 27' 40" E
557.16'
255' ±
255' ±
165' ±
125' ±
140' ±
230'
199.6'
110'
110'
82'
50'
210'
752
750
748
746
744
10' Depression
Drainageway - Depression
10
9
8
7
6
108-0-21-22
☐ Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation
☐ Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation
W.A. Marlin - Soil Scientist
628.10