Date Received 6/14/77

APT No. 12684

T. C. No. PO 215-131 01

Map Date ——

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Ralph Squires Construction Company, Inc.
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER P. O. Box 25178, Charlotte, N. C. ZIP 28212

3) PHONE NO. Home _____ Office 537-9553

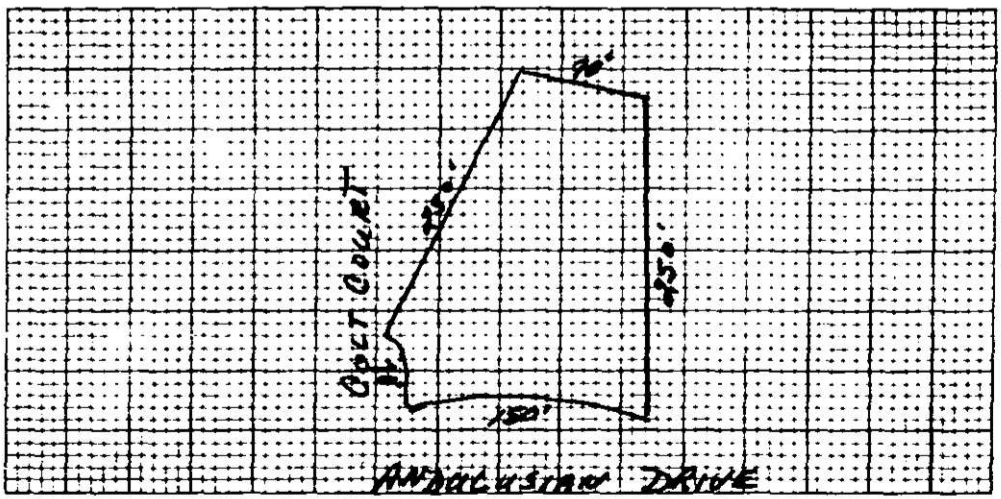
4) LOCATION OF PROPERTY 13618 Andulusian Drive
(STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. 1 BLOCK NO. F

MAP BOOK NO. _____ PAGE NO. _____

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

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge



7) ACCURATELY DIAGRAM & DIMENSION LOT

Jim Bogan
OWNER

END-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation June 24, 1977 APT NO. 12684

Owner Ralph Squires Construction Co., Inc.

Location of Property 13618 Andalusian Drive lot No. 1 Block E

Soil Suitability Ratings Tax Code No. P.O. 215-131-62

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cecil		Chewacla	
2. Soil Slope	suitable 3-8%		—	
3. Soil Depth	suitable >48"		—	
4. Soil Texture	provisionally suitable clay		—	
5. Soil Structure	provisionally suitable blocky		—	
6. Restrictive Horizons	—		—	
7. Soil Drainage	suitable water table >6'		unsuitable poorly drained	
8. Soil Permeability (Percolation Rate)	provisionally suitable moderate		unsuitable seasonal table <18" from surface	high water table
9. Other	60 min/in.		unsuitable floods	
10. Overall Rating	provisionally suitable		unsuitable	

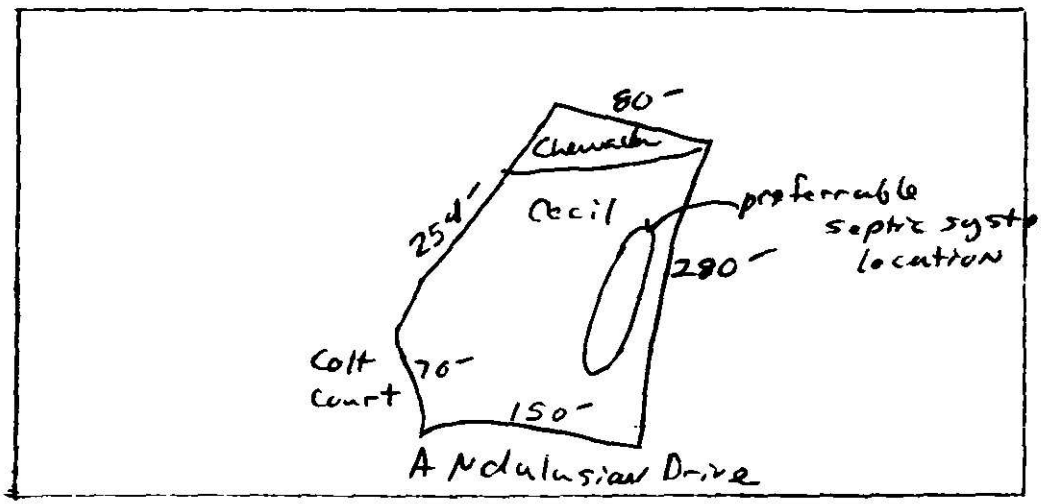
Recommendations Based on this investigation, the lot was found to have an adequate area of provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 60 min/in. and should be placed in the area of Cecil soils.

See diagram on back

W. Edward Casavant
Soil Scientist

3/18/75
EHD 539

DIAGRAM OF PROPERTY



3/18/75
EHD 539

Serial No. 1010

PTR No. 12684

T. C. No. P.O.215-131-01

Date Issued June 27, 1977

Map Date

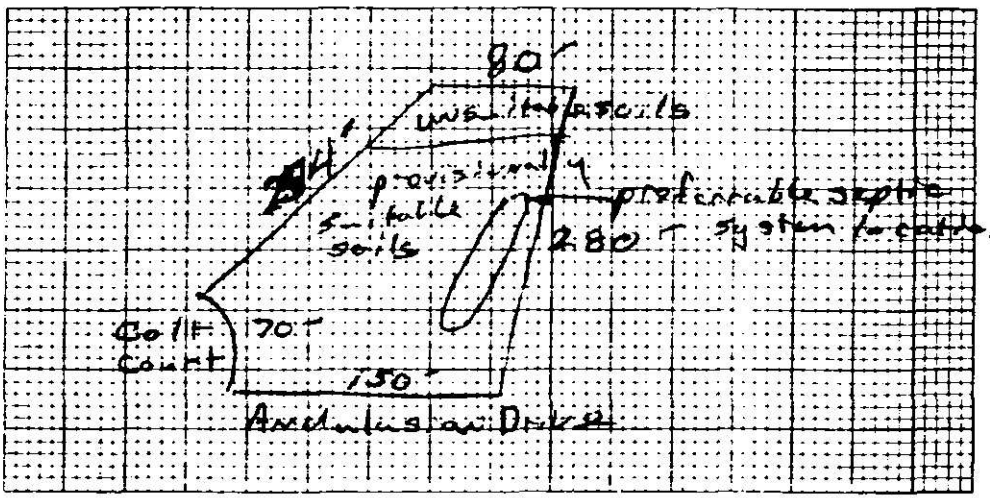
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Ralph Squires Construction Company, Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P.O. Box 25178, Charlotte, NC ZIP 28212

LOCATION OF PROPERTY 13618 Andulusian Drive
(STREET OR COUNTY ROAD)

SUBDIVISION WIndrow Estates LOT NO 1 BLOCK NO. F



PLOT PLAN

This is to certify that a soil investigation and on site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot **Provisionally Suitable**

The permeability rate determined by the investigation was **60 min/in.** The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions

1. A permit to install, construct, alter, or repair the specific system shall be obtained from the Mecklenburg County Department of Environmental Health prior to the beginning of any construction of buildings, or of the wastewater treatment system on the said lot.
2. The size of the septic tank, soil absorption treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to installation and is based on the permeability rate obtained above, and on the size and type of building constructed thereon.
3. This approval is valid only if the system is installed in the immediate area indicated as acceptable for system installation on the above plot.
4. This approval is void if any grading, filling, or construction, including the drilling of a well, is performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health renders the area indicated as acceptable for system installation unsuitable for installation, construction, alteration, and/or repair of such a system.

This approval is granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources, Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future, prior to completion of the system, these laws, rules and regulations are changed such that this approval would not have been granted had the new or revised laws, rules, and regulations been in effect on the issue date.

W. Edward Cranmer
Soil Scientist

Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Received 6-29-77

SEE INSTRUCTIONS ON BACK

ICAR (S) Application No. 12684

T. C. No. PO 215-131-01

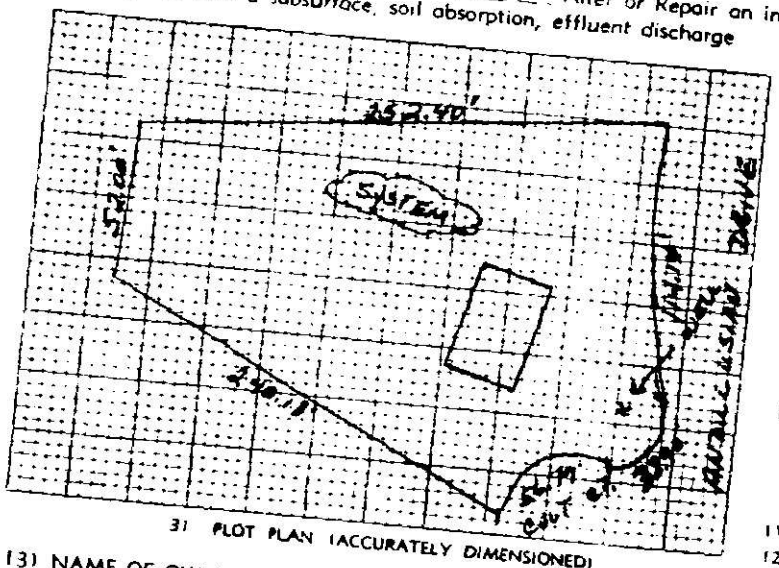
Map Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Health Department for a permit to

1) X Install or Construct 2) _____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge



3) PLOT PLAN (ACCURATELY DIMENSIONED)

4) No of Bedrooms 4

5) Business Use — Max No Employees N/A

6) Washing Machine X Yes ___ No

7) Garbage Disposal ___ Yes X No

8) Dishwasher ___ Yes X No

9) Water Supply:
- A) Individual Well yes
- B) Governmental System ___
- C) Community System:
  - 1. Well source ___
  - 2. Governmental source ___

10) Sewage System.
House located within 200 feet of public sewer ___ Yes X No
House located within 200 feet of community sewer ___ Yes X No

11) FHA Case No. N/A

12) VA Case No. N/A

13) NAME OF OWNER RALPH SQUIRES CONSTRUCTION Co.
(LAST, FIRST, MIDDLE)

14) ADDRESS OF OWNER P.O. Box 25178, CHARLOTTE, N.C. 28212

15) PHONE NO. Home _____ Office 537-9553

16) LOCATION OF SYSTEM 13618 ANDALUSIAN DRIVE
(STREET OR COUNTY ROAD)

17) SUBDIVISION WINDROW ESTATES Lot No. 1 Block No. F

Map Book No. _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A PERCOLATION TEST BEEN RUN? ✓ YES ___ NO DATE RUN 6-27-77

20) PTR NUMBER (See Instructions) 12684

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

6-28-77
DATE OF APPLICATION

OWNER Mary Jane Ellis

FORM NO. E-4-4-2M-6-75S

HEALTH DEPARTMENT'S COPY

Date Issued 6-29-78

Serial No. 1992

LA No. 12684

T. C. No. P.O. 215-131-01

Map Date -------

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Ralph Squires Construction Co.
LAST FIRST MIDDLE

ADDRESS OF OWNER P. O. Box 25178, Charlotte, N. C. ZIP 28212

LOCATION OF LOT 13618 Andulusian Drive
STREET OR COUNTY ROAD

SUBDIVISION Windrow Estates LOT NO. 1 BLOCK NO. F

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 12684. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit

Stephen J. Wood
Environmentalist

J. M. Reynolds
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

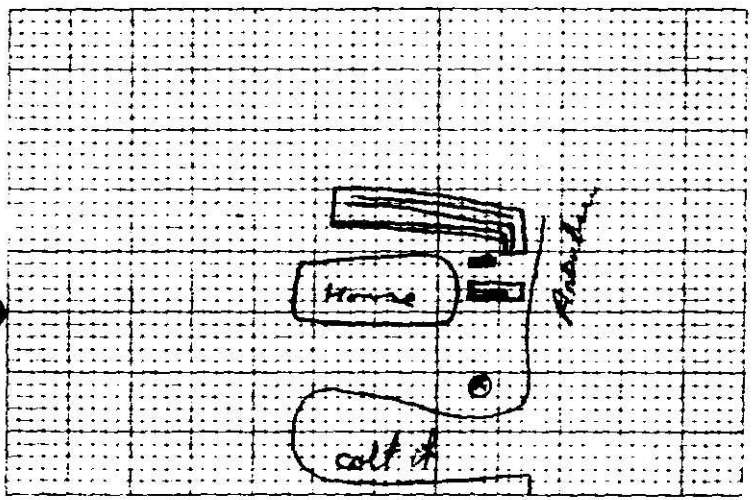
Date Issued 19 Oct 76 Serial No. 2089 ICAR(S) Permit No. 12684

T C No 215-131-01

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 12684, dated 6/29/76 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 19 Nov., after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank 1500 gal

Tank Construction RC

Absorption and/or Nitrification Lines

Total Line Length 440' & 167'

Number of Lines 4 & 4

Distance from House 10'

Distance from Property Line 10'

Distance from Well 50'+

NAME OF OWNER Ralph Squires Const.

LOCATION OF PROPERTY 1348 Andalusian DR.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. **The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.**

Comments: (12' x 42' x 17" stone)

Comments: (12' x 110' x 17" stone)

Division or Section Head

Environmentalist Steve Ward

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-S-76

Environmental Health Department's Copy

Date Issued 20 Oct. 78 Serial No. 2033

C of A (s) No. 12684

T C. No. 215-131-01

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Ralph (LAST) Squires (FIRST) Construction Co. (MIDDLE)

Location of Property 13618 Andalusian Dr.

Application Number 12684 Permit Number 12684

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material P.C Conc

Total Length of Drain Tile 440' & 167' Number of Lines 4 & 4

Depth of Filter Material 17" Cover Depth 15"

Water Supply Source Well Distance from Water Source 75'

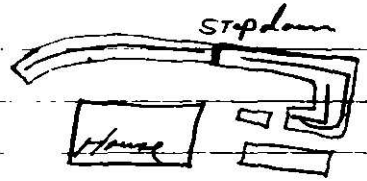
Excavation Inspected — (DATE) Tank Inspected 20 Oct (DATE)

Nitrification Field Inspected 20 Oct (DATE)

Washing Machine Line Inspected, If Applicable 20 Oct (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, _____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments



Environmentalist

EHD-S-76

Environmental Health Department's Copy