Date Received 1/17/80

APT No 1644B

T C Nos 215-191

Map Date JAN, 79

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER RALPH SQUIRES CONST CO INC
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER PO BOX 25178 ZIP 28212

3) PHONE NO Home _____ Office 5379553

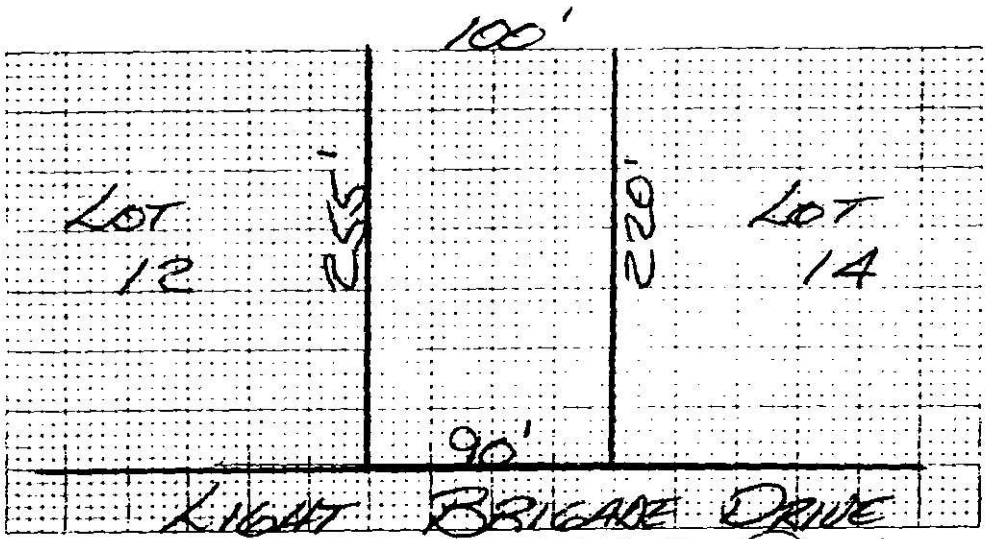
4) LOCATION OF PROPERTY LIGHT BRIGADE DRIVE
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 13 BLOCK NO 5

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 property described for the purpose of determining if the lot is suitable for the installation of an individual sewage wastewater treatment system with subsurface soil absorption effluent discharge.




7) ACCURATELY DIAGRAM & DIMENSION LOT

OWNER

EHD-5-76

Environmental Health Department's Copy

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX II
SITE EVALUATION

S.I.R. No. 16443
T.C. No. PO 215-131-15,16

(Ground Absorption Sewage Disposal)

OWNER: RALPH SQUIRES CONST. CO. DATE REQUESTED: 3-17-80
ADDRESS: PO Box 25178 PLAT NO:
COUNTY: MECK. 28212 LOT SIZE: 23615
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT 13 Block 5

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) 2-10 U | S PS U | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay) | S (PS) Clayey U | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S (PS) Blocky U | S PS U | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S (PS) 44 U | S PS U | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock) | S (PS) NONE U | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S (PS) Adequate U | S PS U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (percolation rate) | S (PS) Moderate U | S PS U | S PS U | S PS U |
| 8. OTHER (specify) | S PS U | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | — P. Suitable | | | |
| 10. SOIL SERIES | Cecil | | | |

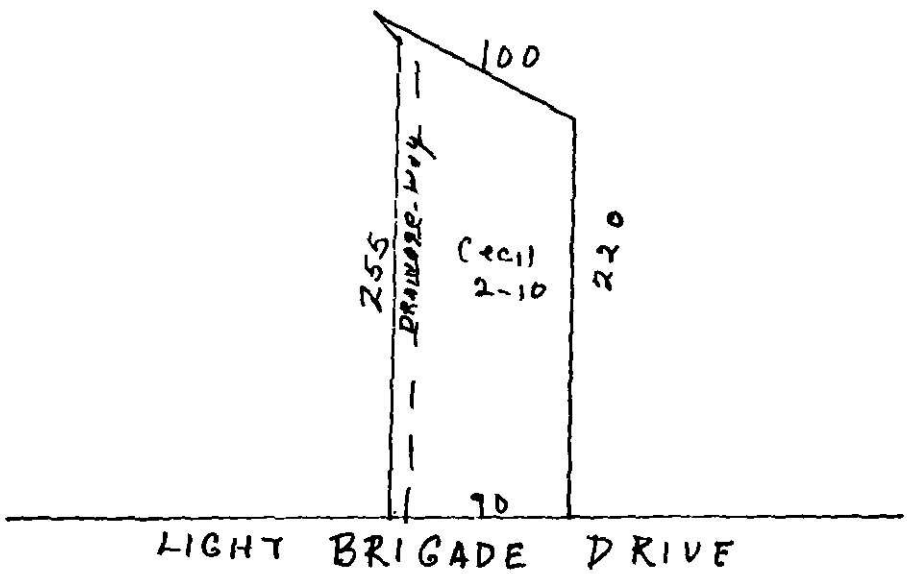
S - Suitable PS - Provisionally Suitable U - Unsuitable

** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments:

Described By: Willard B. Ramsey
Title: Soil Scientist I
Date: 3-18-80

DHS Form 2601
Sanitation
EHD 539 (2/80)


100
255
DRAINAGE WAY
Cecil
2-10
220
90
LIGHT BRIGADE DRIVE

Serial No. 3423

PTR No. 16443

Date Issued March 25, 1980

T C No po 215-131-15,16

Map Date

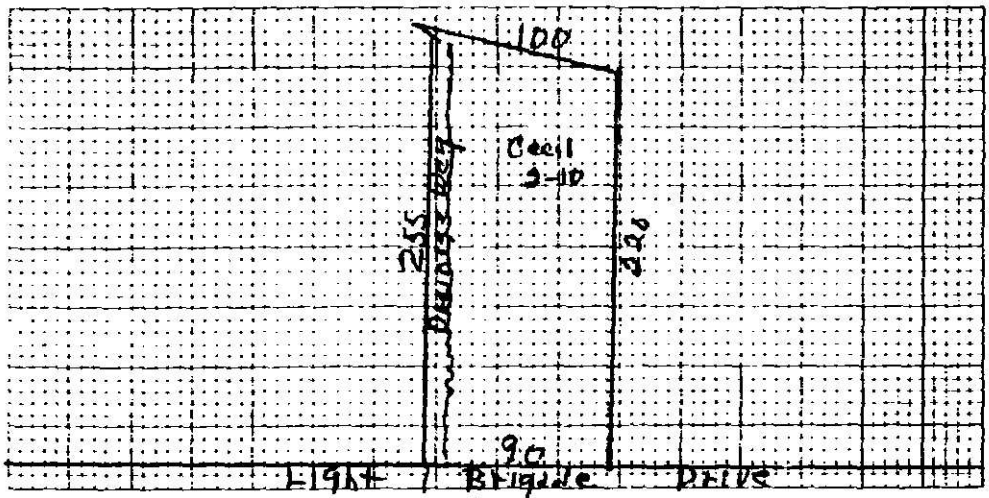
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) (FIRST) (MIDDLE) Ralph Squires Const. Co., Inc.

ADDRESS OF OWNER PO Box 25178, Charlotte, NC ZIP 28212

LOCATION OF PROPERTY Light Brigade Drive (STREET OR COUNTY ROAD)

SUBDIVISION Windrow LOT NO #13 BLOCK NO. "S"




PLOT PLAN

This is to certify that a soil investigation on said site investigation was made by the Mecklenburg County Department of Environmental Health in the manner described above. The said investigation was conducted on the lot as staked out and located on the above plot.

The permeability rate determined by the investigation was **Provisionally Suitable**. The said lot is approved for the installation of an individual subsurface wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. [illegible] in the Mecklenburg County Department of Environmental Health Rules governing the disposal of wastewater treatment [illegible] and the following site:
2. [illegible] to the requirements of the Mecklenburg County Department of Environmental Health Rules governing the disposal of wastewater treatment [illegible] and the following site: [illegible] as obtained above and [illegible]
3. [illegible] with the [illegible] and the [illegible] acceptable for system installation [illegible] and [illegible]
4. The [illegible] and [illegible] of the [illegible] performed on the lot which the [illegible] Mecklenburg County Department of Environmental Health Rules and indicated as acceptable for system type of [illegible] to be [illegible] and [illegible] with 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 B Ramsey
Soil Scientist

John R Adkisson
Environmental Health Director or Authorized Section Head

HD-5-76

Environmental Health Department's Copy

Date Received 6-28-82

SEE INSTRUCTIONS ON BACK

JUN 28 1982

ENVIRONMENTAL HEALTH

ICAR (S) Application No 16443

VC No 215-131-15, #76

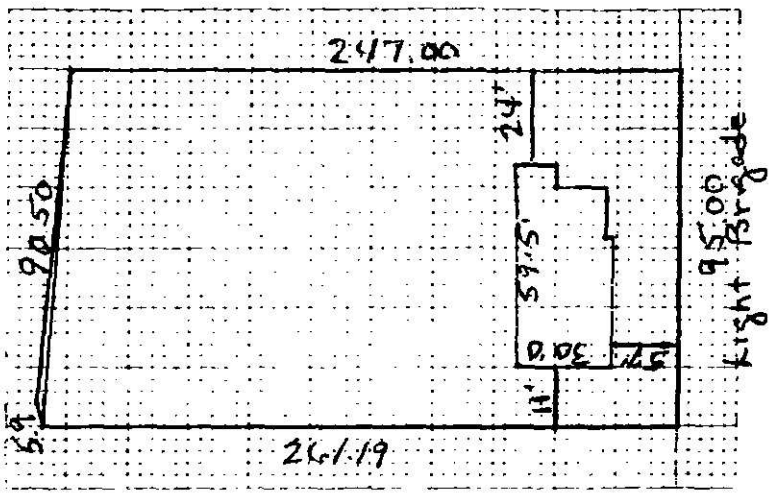
Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

**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 Department of Environmental Health 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) Mobile Home ____ Yes ____ No
Residence X Yes ____ No
4) No of Bedrooms 4
5) Business Use - Max No Employees ____
6) Washing Machine X Yes ____ No
7) Garbage Disposal X Yes ____ No
8) Dishwasher X Yes ____ No
9) Water Supply
A) Individual Well X
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 ____
12) VA Case No ____

13) NAME OF OWNER Ralph Squires Const Co
LAST FIRST MIDDLE

14) ADDRESS OF OWNER P. O. Box 25178 28212

15) PHONE NO Home ____ Office 537-9553

16) LOCATION OF SYSTEM 2232 Light Brigade Dr.
STREET OR COUNTY ROAD

17) SUBDIVISION Windrow II Lot No 13 Block No. S

Map Book No ____ Page No ____

18) DEED REFERENCE -- DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES NO DATE RUN 3-25-80

20) PTR NUMBER (See Instructions) 16443

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.

6-7-82
DATE OF APPLICATION

Larry Schuster
OWNER

EHD-5 76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

BT. 6-30-82

Serial No. 5762

LA No 16443

Date Issued 6-28-82

I C No PO 215-131-15,16

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, NC ZIP 28212

LOCATION OF LOT 2032 Light Brigade Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow II LOT NO 13 BLOCK NO S

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 16443 -- 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

Lift station will be needed

Bob Wilson
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

**Environmental Health Department's Copy**

Serial No. 5764

ICAR(S) Permit No 16443

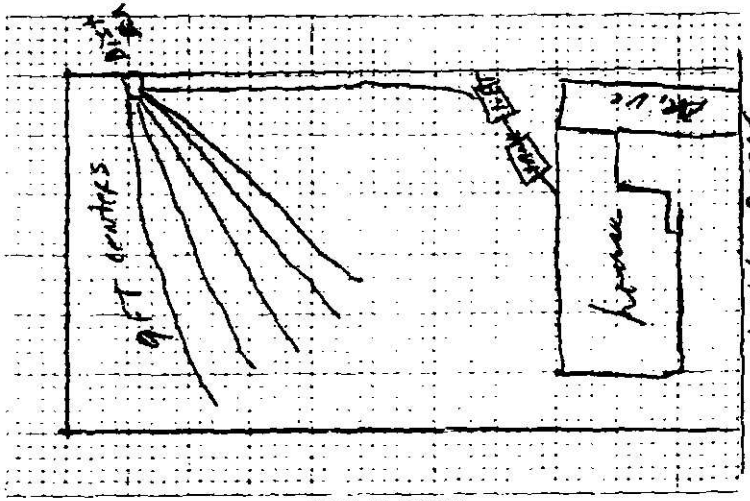
Date Issued 10-12-82

T.P.O. No 215-131-15, 16

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 16443 dated 6-28-82 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 11-12-82, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability Rate P.S

Liquid Capacity of Tank 1500gal + 1000gal lift

Type Construction P/C concrete

Absorption Area and Type Installation Line

Trench Bottom Depth 400'

Number of Lines 5

Length of Lines 710'

Distance from Property Line 710'

Distance from Well 750'

NAME OF OWNER Ralph Squires Const. Co.

LOCATION OF PROPERTY 2132 Light Brigade Dr.

This 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.

5-80' long x 3' wide x 12" stone with lift station

Comments

Division or Section Head

Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or 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-5-76

HEALTH DEPARTMENT'S COPY

C of A (s) No 16443

Date Issued 10-15-82 Serial 5444 T No 215-131-15,16

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## CERTIFICATE OF APPROVAL

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

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

Location of Property 2032 light BRIGADE

Application Number 16443 Permit Number 16443

**Inspection Data:**

Liquid Capacity of Tank 1500gal +1000gal lift Tank Material p/c Concrete

Total Length of Drain Tile 400' Number of Lines 5

Depth of Filter Material 12" Cover Depth 2'

Water Supply Source Well Distance from Water Source 7 50'

Excavation Inspected — (DATE) Tank Inspected 10-15-82 (DATE)

Nitrification Field Inspected 10-15-82 (DATE)

Washing Machine Line Inspected, If Applicable — (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 Plumb wash line into lift tank wire high water alarm into separate circuit from pump.

R P Lefler
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY