Date Received 1/17/80

APT No. 16438

T C No. 215-13[illegible]

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

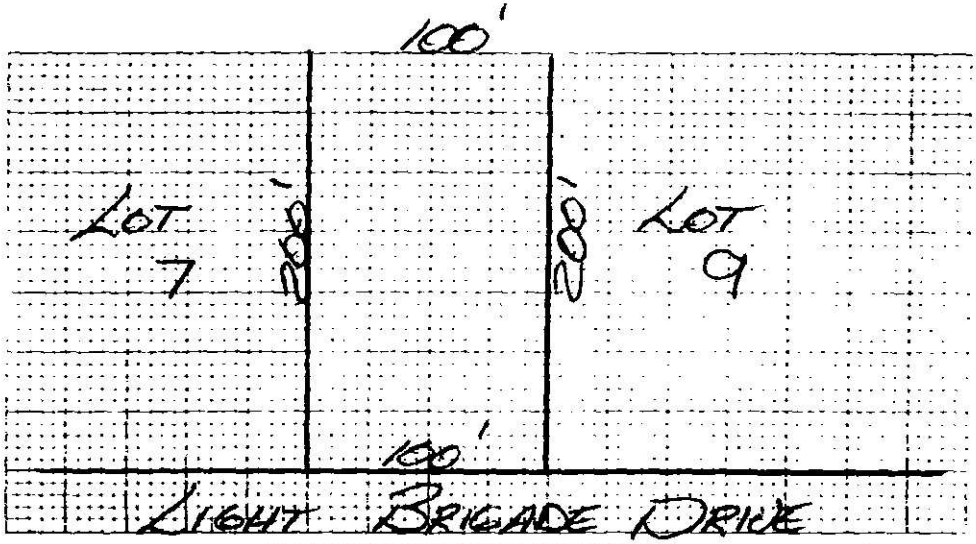
4) LOCATION OF PROPERTY LIGHT BRIGADE DR
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 8 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 type wastewater treatment system with subsurface, soil absorption effluent disposal.




7) ACCURATELY DIAGRAM & DIMENSION LOT

OWNER

EHD-S 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. 16438
T.C. No. PO 215-131-15,16

(Ground Absorption Sewage Disposal)

OWNER: RALPH SQUIRES CONST. CO. DATE REQUESTED: 1-17-80
ADDRESS: PO Box 25178 PLAT NO:
COUNTY: MECK. 28212 LOT SIZE: 20,000
LOCATION OF SITE: LIGHT BRIGADE DRIVE Lot 8 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) 48> 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 | | | |

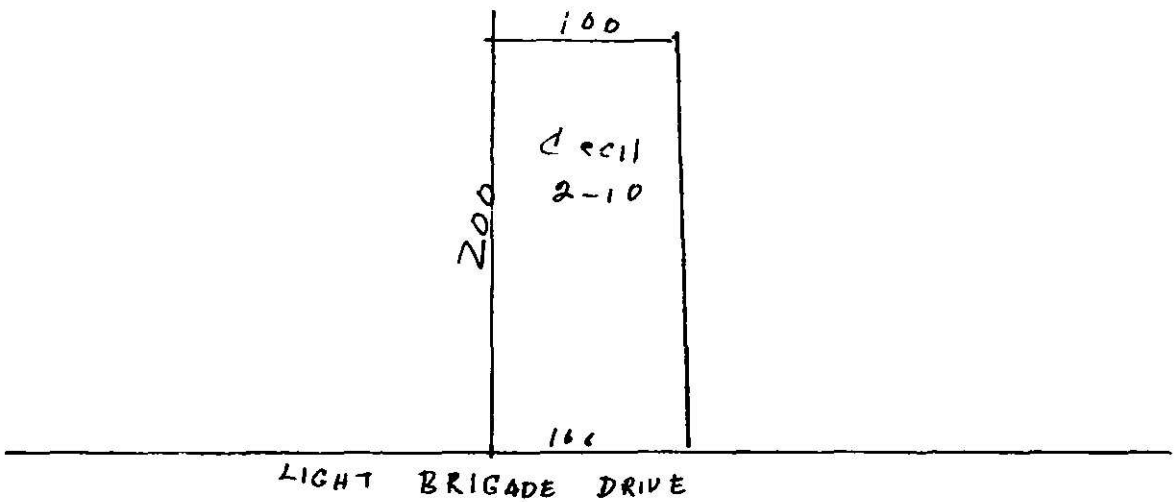
S - Suitable PS - Provisionally Suitable U - Unsuitable

** 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
1 cell
2-10
200
166
LIGHT BRIGADE DRIVE

Serial No. 3423

PTR No. 16438

Date Issued March 25, 1980

T C No po 215-131-15,16

Map Date

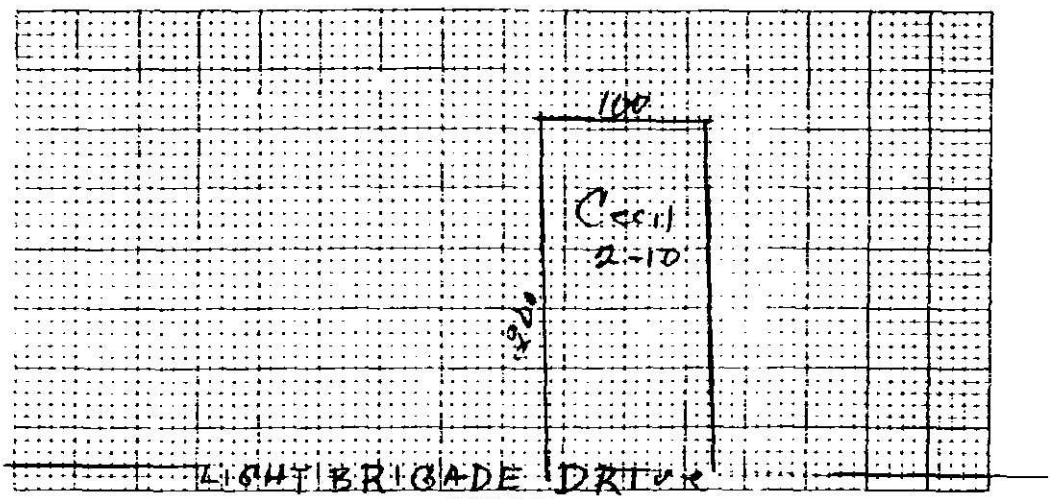
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

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

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

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

SUBDIVISION Windrow LOT NO #8 BLOCK NO "S"




PLOT PLAN

This is to certify that a soil investigation and waste 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 percolation rate determined by the method used was The said lot is approved for the installation of an individual subsurface sewage treatment system with subsurface, soil absorption trenches and discharge subject to the following terms and conditions:

1. [illegible] the Mecklenburg County Department of Environmental Health Regulations governing the design, construction and location of individual sewage treatment systems.
2. The [illegible] determined by the Mecklenburg County Department of Environmental Health and as indicated above and [illegible]
3. [illegible] system installer [illegible]
4. [illegible] was performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health personnel was indicated as acceptable for [illegible] and that [illegible] 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.

EHD-5-76 Willard B. Ramsey
Soil Scientist

John R Adkisson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

Date Received 11-4-82

SEE INSTRUCTIONS ON BACK

NOV - 4

(CARES) Application No 16438

T PID 215-131-15,16

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

Mobile Home ___ Yes ___ No
Residence ✓ Yes ___ No
4 No of Bedrooms 3
5 Business Use - Max No Employees
6 Washing Machine ✓ Yes ___ No
7 Garbage Disposal ✓ Yes ___ No
8 Dishwasher ✓ Yes ___ No
9 Water Supply
A Individual Well ✓
B Governmental System
C Community System
1 Well source
2 Governmental source
10 Sewage System
Public sewer within 200 feet of property sewer? Yes ___ No ✓
Public sewer within 200 feet of community sewer? Yes ___ No ✓
11 EHA Case No
12 VA Case No N/A

See Attached Plan

13) PLOT PLAN (ACCURATELY DIMENSIONED)

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

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

15) PHONE NO Home ___ Office 537-9553

16) LOCATION OF SYSTEM 2200 Light Brigade Dr (STREET OR COUNTY ROAD)

17) SUBDIVISION [illegible] II Lot No 8 Block No 5

Map Book No ___ Page No. ___

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

19) HAS A SOIL INVESTIGATION BEEN RUN? X YES NO DATE RUN 3/25/82

20) PTR NUMBER (See Instructions) 16438

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.

11-3-82
DATE OF APPLICATION

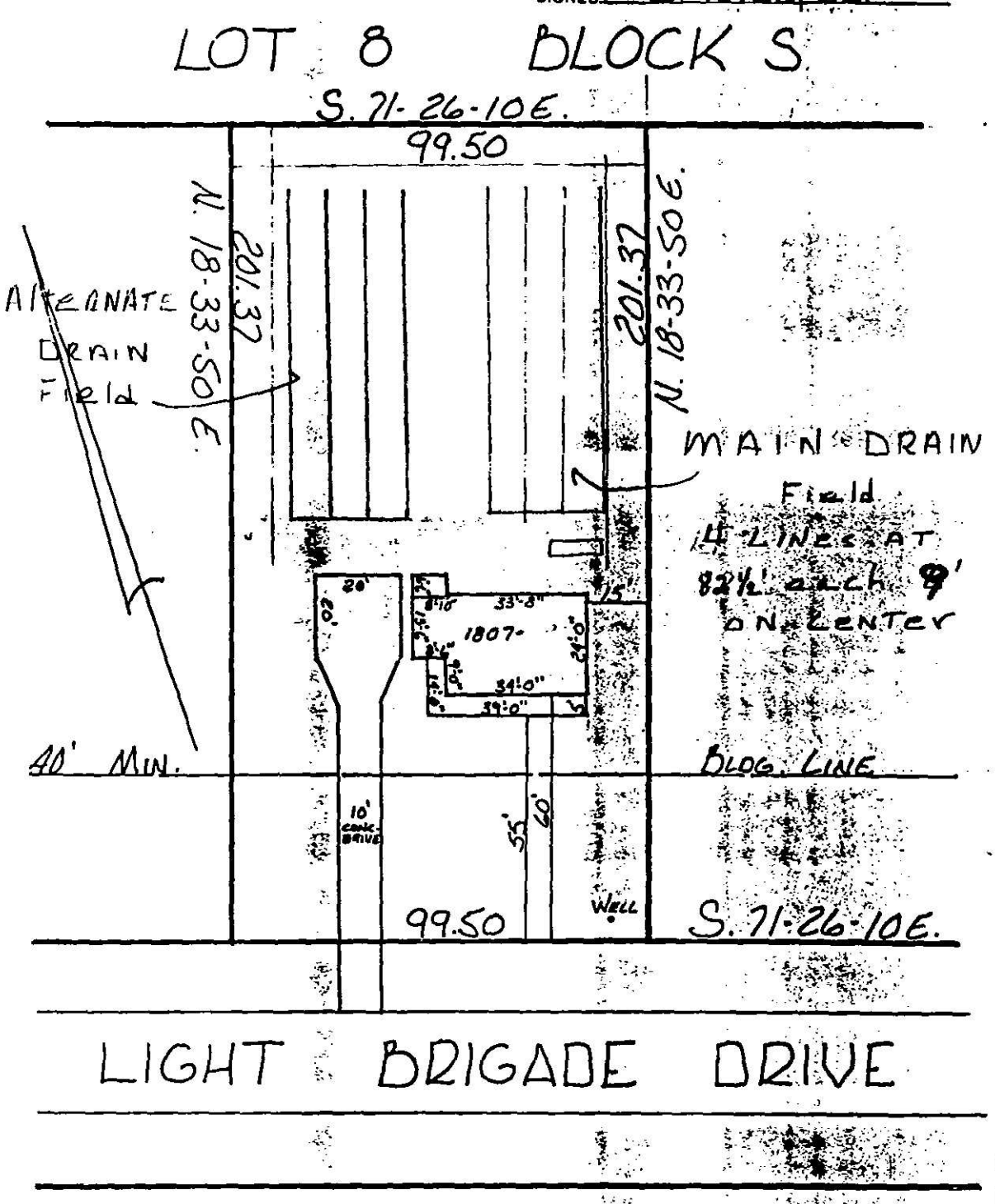
Larry Schuster
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

THIS IS TO CERTIFY THAT ON THE 2ND DAY OF Nov. 1982 I PLOTTED THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON

SIGNED D. Rice, Jr.



PLOT PLAN

OF

2200 LIGHT BRIGADE DRIVE

SCALE 1" = 30'

THE PROPERTY OF RALPH SQUIRES HOMES

MAP RECORDED IN BOOK AT PAGE DEED RECORDED IN BOOK PAGE

Serial No. 5015

SIR No. 16438

Date Issued 11-4-82

T 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 Const. Co.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER P. O. Box 25178, Charlotte, NC ZIP 28225

LOCATION OF LOT 2200 Light Brigade Dr.
(STREET OR COUNTY ROAD)

SUBDIVISION Woodrow II LOT NO 8 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 16438. 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, altered, 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.

R Phelps
Environmentalist

Mike Jerkins
Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

4

Serial No. 5980

Date Issued 1-10-83

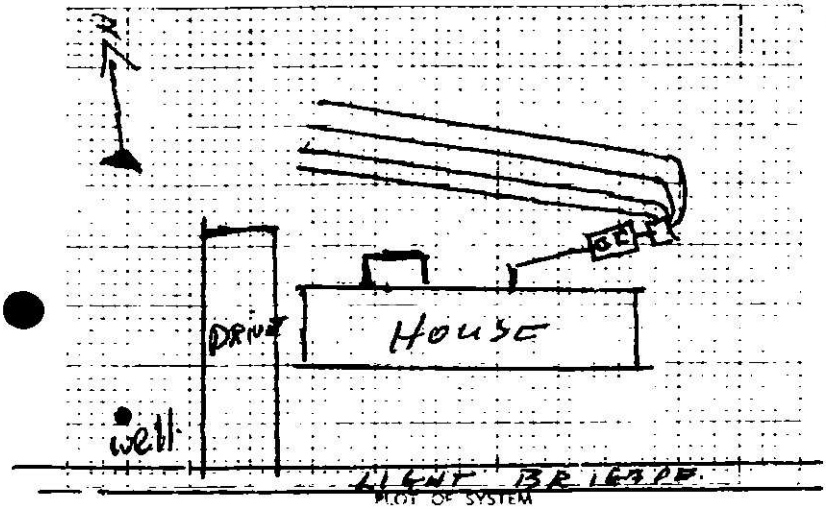
ICAR(S) Permit No 16438

T C No 215-131-13-16

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 X 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 suppied in application 16438, dated 11-3-82 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 FEB 10 83, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IIA-PS

Septic Tank Capacity 1500 gal

Type of Construction Pre Cast Concrete

Total Length of Subsurface Absorption Line 300 lin FT

Number of Trenches FOUR

Width of Trenches 5FT

Depth of Trenches 10FT

Distance from Well 100 FT

NAME OF OWNER RALPH SQUIRES

LOCATION OF PROPERTY 2200 LIGHT BRIGADE DR

This system shall meet all the construction requirements set forth in the Regulations of the Mecklenburg County Health Commission which are in effect at 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. It 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 for any claims resulting from the failure of the system to operate properly.

Comments: FOUR TRENCHES @ 60 75FT X 3FT X 2FT - 12" stone - gravel Pvc hay or straw - plumb - w/in line in DISTRIBOX -

Division or Section Head

Ralph Mills
Environmentalist

* 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-5-76

HEALTH DEPARTMENT'S COPY

BE-1-18-83

C of A (s) No. 16438

Date Issued 1-18-83 **Serial** 5572 T C No 215-134 OS

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## CERTIFICATE OF COMPLETION
## CERTIFICATE OF APPROVAL
**(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)**

Name of Owner RALPH (LAST) SQUIRES (FIRST) (MIDDLE)

Location of Property 2200 LIGHT BRIGADE DR

Application Number 16138 Permit Number 16438

**Inspection Data:**

Liquid Capacity of Tank 1500 gal Tank Material Pre Cast Concrete

Total Length of Drain Tile 300 Lin. FT Number of Lines FOUR

Depth of Filter Material 12 inches Cover Depth 24 inches

Water Supply Source Well Distance from Water Source 125 FT

Excavation Inspected 1-13-83 (DATE) Tank Inspected 1-13-83 (DATE)

Nitrification Field Inspected 1-13-83 (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 K 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

Ralph Mills
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH [illegible] COPY