Date Received 1/19/80

APT No 16452

T C No 215-131 1-/(

Map Date JAN, 79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

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

2) ADDRESS OF OWNER PO Box 25178 ZIP 28212

3) PHONE NO Home _____ Office 5379553

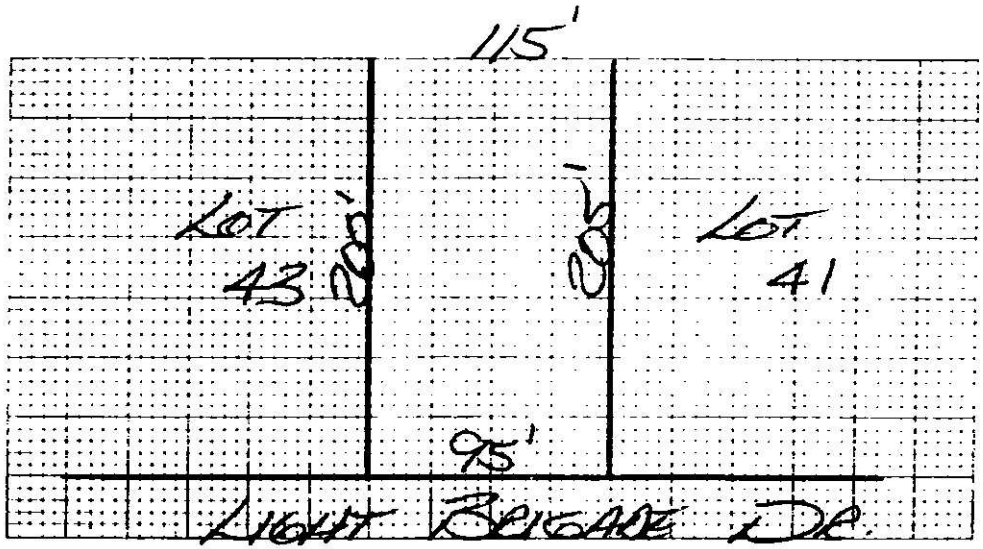
4) LOCATION OF PROPERTY LIGHT BRIGADE DR.
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 42 BLOCK NO L

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 this property as described for the purpose of determining if the lot is suitable for the installation of an individual sewage treatment and disposal 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
(Ground Absorption Sewage Disposal)

S.I.R. no. 16452
T.C. no. PO 215-131-15,16

OWNER: RALPH SQUIRES CONST. CO. DATE REQUESTED: 1-17-80
ADDRESS: PO Box 25178 PLAT NO:
COUNTY: MECK. 28212 LOT SIZE: 21216
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT 42 Block L

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			

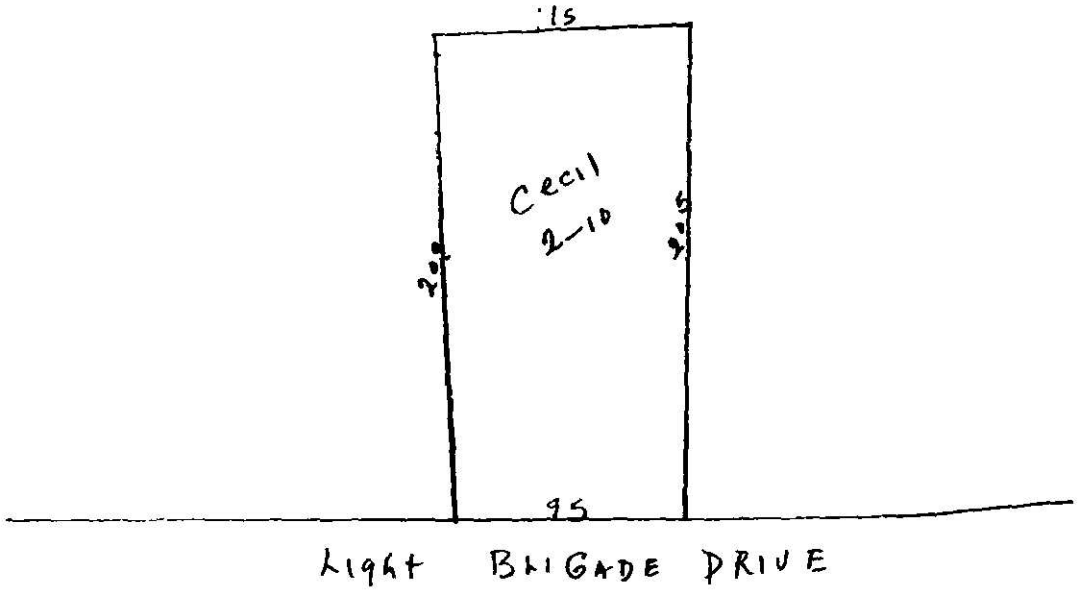
S - Suitable PS - Provisionally Suitable U - Unsuitable

** 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
Date: 3-18-80

DHS Form 2601
Sanitation
EHD 539 (2/80)


115
Cecil
2-10
208
205
95
Light Brigade Drive

Serial No. 3449

PTR No. 16452

Date Issued March 26, 1980

T C No po 215-131-15,16

Map Date

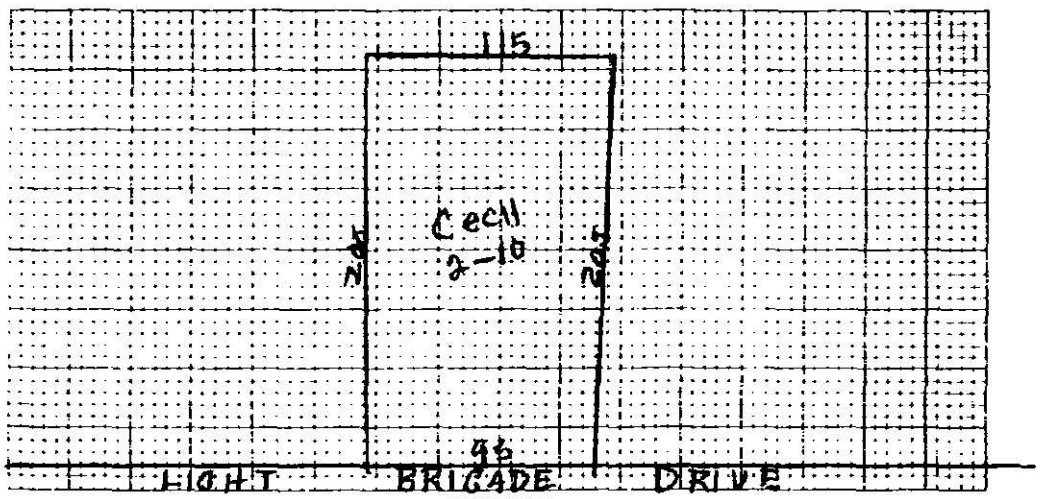
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNLR (LAST) (FIRST) (MIDDLE) Ralph Squires Const. Co.

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

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

SUBDIVISION Windrow LOT NO #42 BLOCK NO "L"



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 in accordance with the Rules and Regulations governing the Sanitation of Individual Water Supplies and Sewage Disposal Systems.

The permissible rate determined by the investigation was **Provisionally Suitable** The said lot is approved for the installation of an individual sewage treatment system with subsurface soil absorption and subject to the following requirements and conditions:

1. [illegible] the Mecklenburg County Department of Environmental Health for a sewage treatment [illegible]
2. [illegible] the Mecklenburg County Department of Environmental Health [illegible] above [illegible]
3. [illegible] system installed [illegible]
4. [illegible] mentioned on the attached [illegible] Mecklenburg County Department of Environmental Health [illegible] indicated as acceptable [illegible] system made at the time of the [illegible] [illegible] with 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. B. Ramsey
Soil Scientist

John B. Atkinson
Environmental Health Director or Authorized Section Head

EHD 5-76

Environmental Health Department's Copy

Date Received 1-24-85

RECEIVED
JAN 24 1985
ENVIRONMENTAL HEALTH

SEE INSTRUCTIONS ON BACK

ICAR(S) Application No 1652

T C No 215-131-15

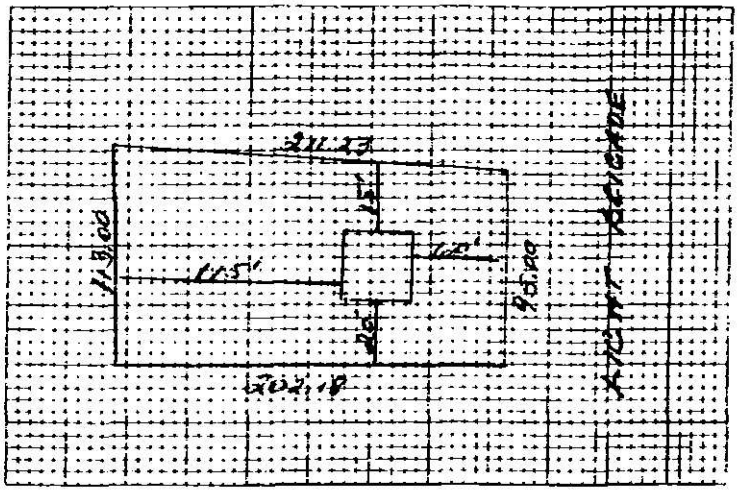
Map Date 131-26

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



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____ Yes ✓ No
Residence ✓ Yes ____ No

4) No of Bedrooms 3
5) Business Use — Max No Employees N/A
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
House located within 200 feet of public sewer ____ Yes ✓ No
House located within 200 feet of community sewer ____ Yes ✓ No
11) FHA Case No N/A
12) VA Case No N/A

13) NAME OF OWNER RALPH SQUIRES CONST. CO. INC.
(LAST / FIRST / MIDDLE)

14) ADDRESS OF OWNER P.O. BOX 25178

15) PHONE NO Home _____ Office 537-9553

16) LOCATION OF SYSTEM 3311 KNIGHT BRIGADE DR.
(STREET OR COUNTY ROAD)

17) SUBDIVISION WILDROSE II Lot No. 42 Block No. L

Map Book No _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 9-26-80

20) PTR NUMBER (See Instructions) 1652

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.

1-22-85
DATE OF APPLICATION

Mary Jane Ellick
OWNER

EHD-5-76

Environmental Health Department's Copy

Date Issued 1-24-85

Serial No. 8132

SIR No. 16452

T C No 215-131-26

Map Date L C6

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

IMPROVEMENT PERMIT
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., Inc.
(LAST / FIRST / MIDDLE)

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

LOCATION OF LOT 2311 Light Brigade Drive
(STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

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 16452. 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.

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Serial No. 08081

Date Issued 4/23/85

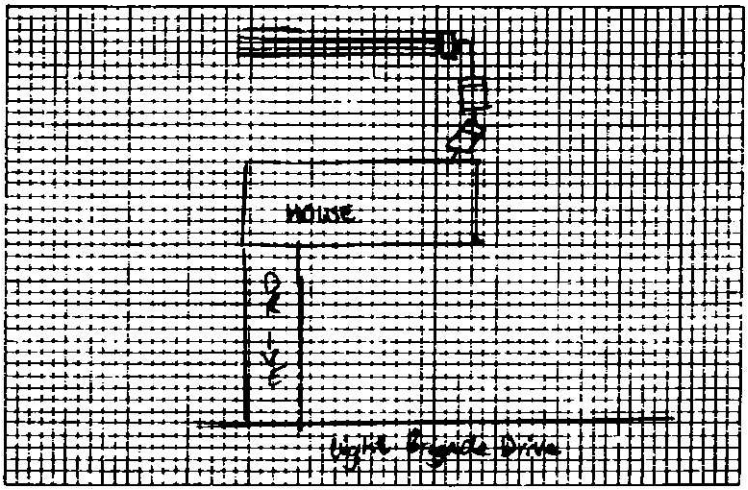
ICAR(S) Permit No. 16452

T C No 215 131-26

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 16452, dated 1/24/85, 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 5/23/85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500 + 1000

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 400'

Number of Lines 4 X 100'

Distance from House 5'

Distance from Property Line 10'

Distance from Well >100'

NAME OF OWNER Ralph Squires Construction Co.

LOCATION OF PROPERTY 2311 Light Brigade Drive

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.

4 Trenches x 3' X 100' X 12" stone with gradeboards and straw as cover

Comments: High water alarm to be installed on seperate circuit spd 4/24/85

B. Hardister
Division or Section Head

Cynthia G. Bass
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

C of A (s) No. 16452

Date Issued 5-10-85 **Serial** 7479 T C No 215-131-26

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

OPERATION PERMIT ~~CERTIFICATE OF COMPLETION~~ OPERATION PERMIT

CERTIFICATE OF APPROVAL

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

Name of Owner RALPH SQUIRES CO.

Location of Property 2311 (LAST) LIGHT (FIRST) BRIGADE DR (MIDDLE)

Application Number 16452 Permit Number 16452

Inspection Data: ST PT

Liquid Capacity of Tank 1500 1000 Tank Material PCC

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 50' +

Excavation Inspected 5-10-85 (DATE) Tank Inspected 5-10-85 (DATE)

Nitrification Field Inspected 5-10-85 (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 1500 ST - 1000 DT - PI - CON - 1200 SFT - T - 12 G - CECIL

1500 ST, 1000 DT, PI, CON, 1200 SFT, 12G, Cecil

Kelly Randall
Environmentalist

EHD-5-76

Environmental Health Department Copy