Date Received 1/17/80

APT No 16442

T C No 215-121-15

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

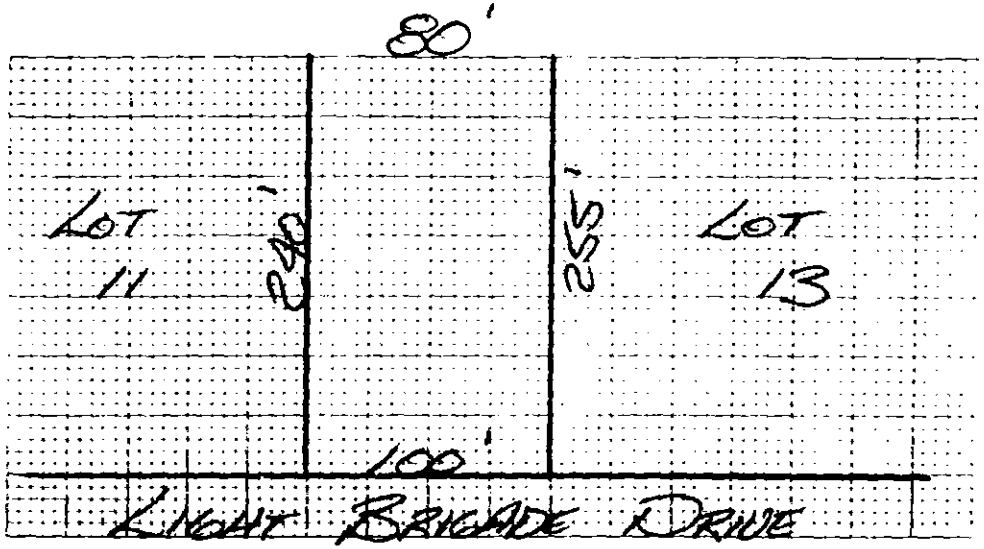
4) LOCATION OF PROPERTY LIGHT BRIGADE DRIVE
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDSOR LOT NO 12 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 on site inspection of the lot hereinafter described for the purpose of determining if the lot is suitable for the installation of an individual subsurface wastewater treatment system with subsurface soil absorption, effluent discharge.



7) ACCURATELY DIAGRAM & DIMENSION LOT

OWNER

EHC-5-74

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. 16442
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: 22,130
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT 12 Block S

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			

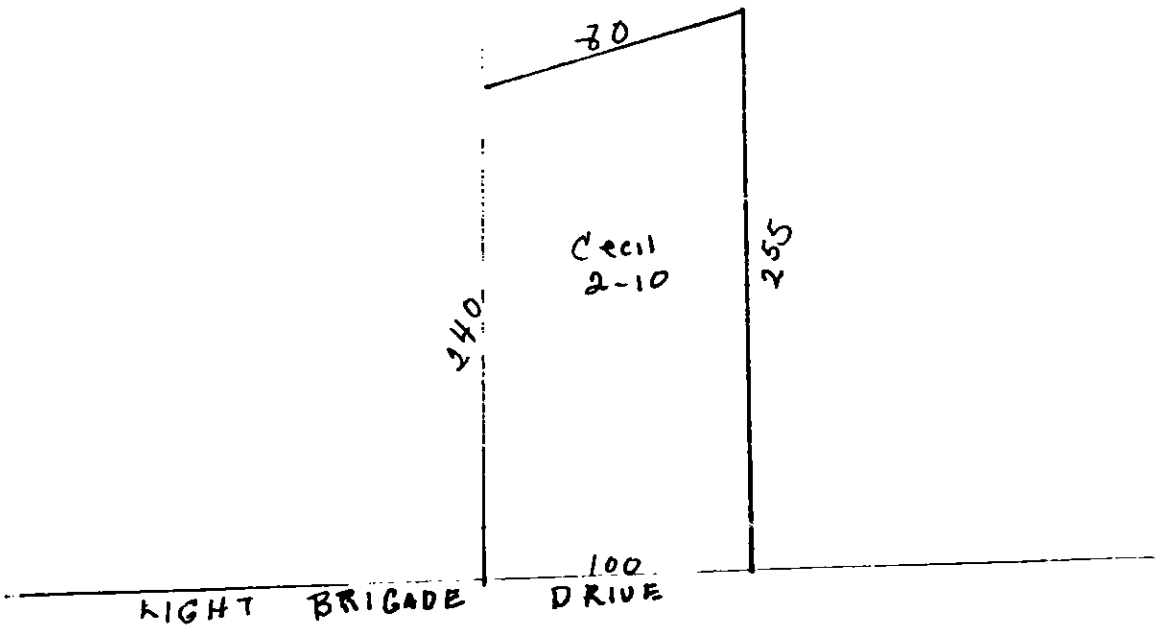
S - Suitable PS - Provisionally Suitable U - Unsuitable

** 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)


80
Cecil
2-10
240
255
100
LIGHT BRIGADE
DRIVE

Serial No. 3423

PTR No. 16442

Date Issued March 25, 1980

T C No po 215-131-15,16

Map Date

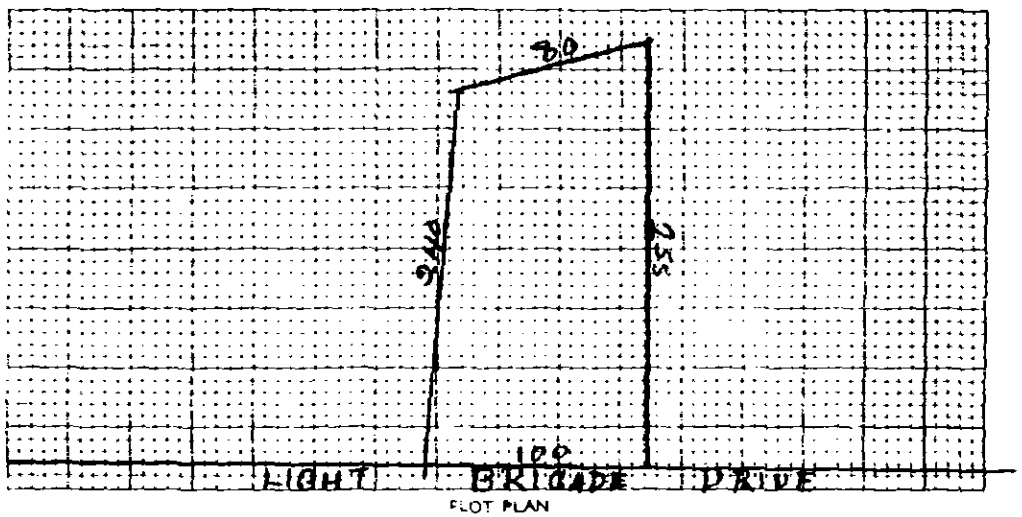
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) Ralph Squires Const. Co., Inc. (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 #12 BLOCK NO "S"



PLOT PLAN

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

Provisionally Suitable

The permeability rate determined by the percolation test was ... The said lot is approved for ... bedroom dwelling with sewage treatment system with subsurface soil absorption ... effluent discharge subject to the following conditions and restrictions:

1. ... the Mecklenburg County Department of Environmental Health sewage treatment ...
2. ... as determined by the Mecklenburg County Department of Environmental Health ... shaded areas on the plot plan.
3. ... suitable for system installation ...
4. This approval ... performed on the date ... the Mecklenburg County Department of Environmental Health for the area indicated as acceptable ... system installation unsuitable ... 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 D. Atkinson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 1-11-83

ICAR (S) Application No. 16442 V

T C No. 215-134-12

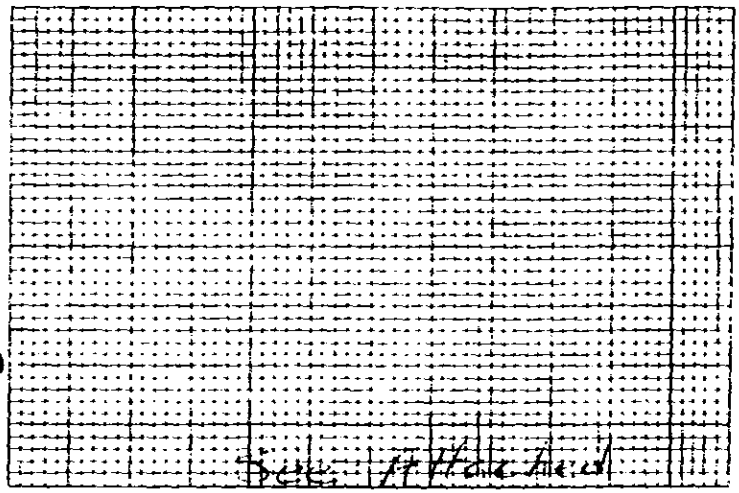
Map Date _____

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



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____ Yes ____ No
Residence X Yes ____ No

4) No. of Bedrooms 3
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. N/A

13) NAME OF OWNER Ralph Sykes 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 Dixie Shot Brigade
(STREET OR COUNTY ROAD)

17) SUBDIVISION Lindale II Lot No. 12 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 1-25-83

20) PTR NUMBER (See Instructions) 16442

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.

1-12-83
DATE OF APPLICATION

Larry Sykes
OWNER

EHD-5-76

Serial No. 6148

Date Issued 1-19-83

SIR No. 16442

T C. No. 215-134-12

Map Date

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.
(LAST / FIRST / MIDDLE)

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

LOCATION OF LOT 2100 Light Brigade Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow II LOT NO. 12 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 16442. 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.

Ralph Miller
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Serial No. 6047

ICAR(S) Permit No 16442

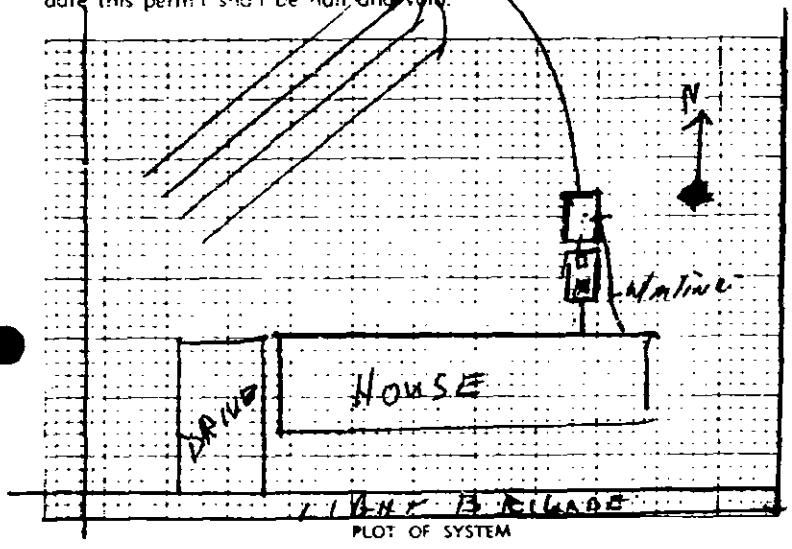
Date Issued 3-4-83

T C No 215-134-12

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 supplied in application 16442 dated 1-12-83 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 MARCH 30 83 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS 1WA

Liquid Capacity of Tank 1500 gal

Type Construction Pre Cast Concrete

Absorption area in square feet

Trench length 300 Lin FT

Number of lines FOUR

Trench width 10 FT

Minimum distance from Property Lines 15 FT

Distance from Well 120 FT

Well

NAME OF OWNER RALPH SQUIRES Co.

LOCATION OF PROPERTY 2100 LIGHT BRIGADE DRIVE

The system shall meet all 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. 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, installing or using such system from any liability resulting from the failure of the system to operate properly.

Four Trenches to be 75FT X 3FT x 12 inches Stone - Grade Ells - Hay on Trench
LIFT Station as prior status PLUMB W/A line inspect for

Comments:

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 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

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

1

Rec 3-11-83

C of A (s) No 16442

Date Issued 3-11-1983 **Serial** 5656

T C No 215-734-12

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 SQUIRES Co. (LAST / FIRST / MIDDLE)

Location of Property 2100 LIGHT BRIGADE DRIVE

Application Number 16442 Permit Number 16442

Inspection Data:

Liquid Capacity of Tank 1500 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 ONE foot

Water Supply Source well. Distance from Water Source will not in yet

Excavation Inspected 3-11-83 (DATE) Tank Inspected 3-11-83 (DATE)

Nitrification Field Inspected 3-11-83 (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 — 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 Mullen
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY