Date Received 3/8/79

APT No. 15219

T. C. No. 215-134-15

Map Date 16+10

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 537-9553

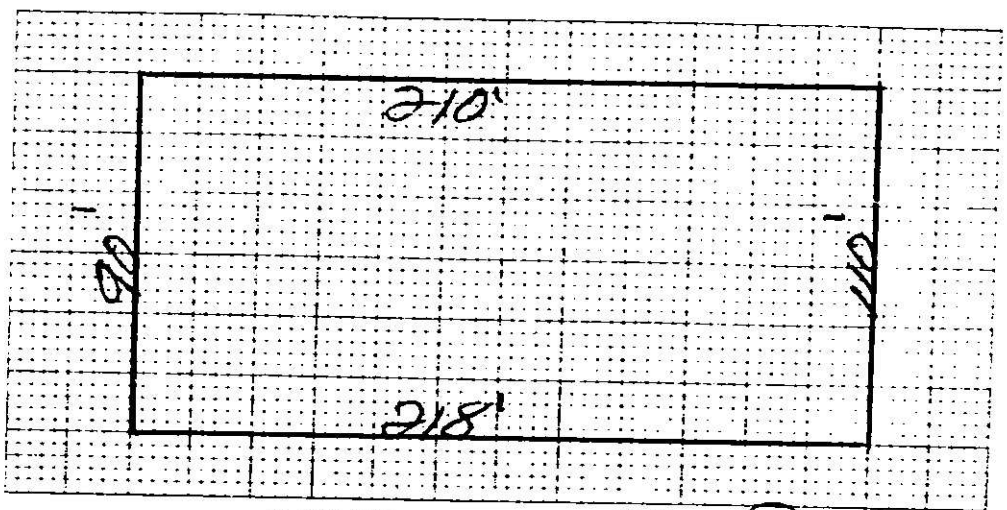
4) LOCATION OF PROPERTY 7318 Light Brigade Ln. CAVALRY Dr.
STREET OR COUNTY ROAD

5) SUBDIVISION WINDROW LOT NO 2 BLOCK NO. 5

MAP BOOK NO PAGE NO

6) DEED REFERENCE DEED BOOK PAGE NO

Application is hereb, made to the Mecklenburg Count, 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

OWNER

EHD-5-76

Environmental Health Department's Copy

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

APPENDIX H
SITE EVALUATION

S.I.R. No. 15219

(Ground Absorption Sewage Disposal)

OWNER: Robert Squires Const. Co.
ADDRESS: PO Box 215178
COUNTY: Charlotte, N.C. 28212
LOCATION OF SITE: Faraday Dr.

DATE REQUESTED:
PLAT NO.: PO 215-131-15,16,18
LOT SIZE: 21,400 42.05
2318 Light Brigade Dr.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-6%	S complex PS (U)	S complex PS slopes (U)	S PS U
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S (PS) clay U	S (PS) clay U	S (PS) clay U	S PS U
3. SOIL STRUCTURE (12-36 in.) (Clayey Soils)	S (PS) Blocky U	S PS massive (U)	S (PS) Blocky U	S PS U
4. SOIL DEPTH (In.)	(S) PS 48" U	S PS Fill (U)	S Depth PS Variable (U)	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock)	(S) None PS U	(S) None PS U	(S) None PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 70+ to ground PS ground U water	(S) 70+ to ground PS ground U water	S Eroded PS Areas channel (U) water	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) moderate U	S PS slow to v. slow (U)	S (PS) moderate U	S PS U
8. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	✓ Provisionally suitable	unsuitable	unsuitable	
SOIL SERIES	Cec. I	Fill	Eroded Area	

S - Suitable PS - Provisionally Suitable U - Unsuitable

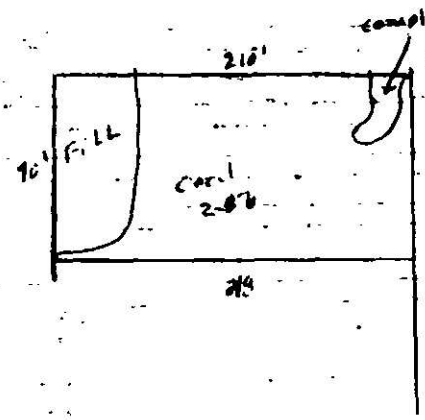
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns)

Recommendations/Comments: Fill material placed on portion of lot. Recommended that ~~area~~ ground level of Area under mound not be changed ~~when~~ when fill is Removed. Fill ~~shall~~ not to be spread in areas that are potential septic Tank installation or repair Areas

Described By: William A Marlin

Title: Soil Scientist Date: 4-6-79

dhs form 2601 (1/79)
Sanitation


complete Slopes
Excavate
210'
Fill
Cut
2-0"
110'
210'

Serial No. 2702

PTR No. 15219

Date Issued April 9, 1979

T. C. No. po 215-131-15,16,18

Map Date

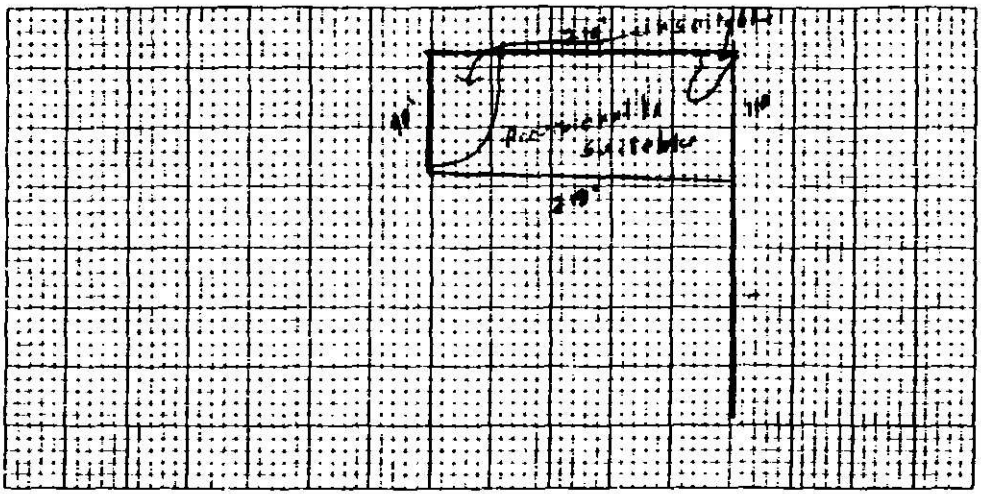
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

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

ADDRESS OF OWNER PO Box 25178, Charlotte ZIP

LOCATION OF PROPERTY Cavalry Drive Light Brigade Dr 2318
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow LOT NO. 2 BLOCK NO. S



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.

The permeability rate determined by the investigation was **Provisionally Suitable** 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 wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to installation 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.

William A. Mullin
Soil Scientist

John P. Atkinson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 6-19-84

ICAR(S) Application No. 15219

T. C. No. PO. 215-131-15,16 & 18

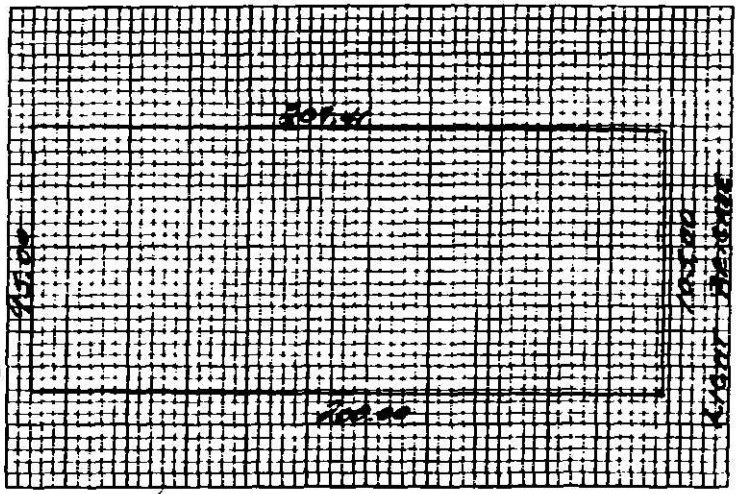
Map Date L

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 ____
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 ____
12) VA Case No. ____

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 2318 LIGHT BRIGADE DR.
(STREET OR COUNTY ROAD)

17) SUBDIVISION WINDCREST II Lot No. 2 Block No. 5

Map Book No. 19 Page No. 168

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 4/9/79

20) PTR NUMBER (See Instructions) 15219

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.

6-18-84
DATE OF APPLICATION

Mary Jane Ellick
OWNER

EHD-S-76

Environmental Health: Department's Copy

Date Issued 6-19-84

Serial No. 7595

SIR No. 15219

T. C. No. PO 215-131-15,16,1

Map Date L CRT

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., Inc.
(LAST / FIRST / MIDDLE)

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

LOCATION OF LOT 2318 Light Brigade Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow II LOT NO. 2 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 15219. 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

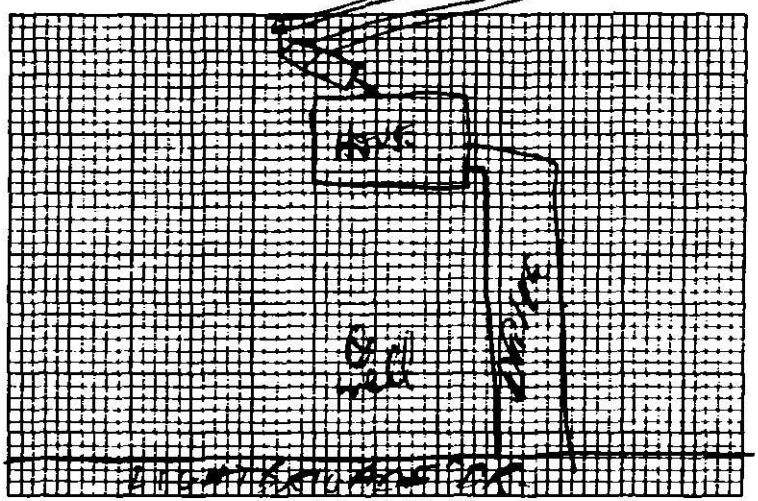
Date Issued 7-30-84 **Serial No.** 07440 ICAR(S) Permit No. 15219

T. C No. 215 131 15

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 15219, dated 6-19-84 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 8-30-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500 gal

Tank Construction P.C.C.

Absorption and/or Nitrification Lines:

Total Line Length 300'

Number of Lines 4 x 75'

Distance from House 5'

Distance from Property Line 10'

Distance from Well 56'

NAME OF OWNER RALPH SQUIRES HOMES

LOCATION OF PROPERTY 2318 LIGHT BRIGADE 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.

4 lines x 75' long x 3' wide x 12" stone w/ grd board

Comments: _____

B. Handley
Division or Section Head

Kelly Randall
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.

EHB-5-76

Environmental Health Department's Copy

C of A (s) No. 5219

Date Issued 8-7-84 Serial 6871 T. C. No 215-131-15 L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

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

Name of Owner RALPH SQUIRES CO INC.
(LAST FIRST MIDDLE)

Location of Property 2318 LIGHT BRIGADE DR

Application Number 15219 Permit Number 15219

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material PRE CAST

Total Length of Drain Tile 300' Number of Lines 4 x 75'

Depth of Filter Material 12" Cover Depth 2'

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected 8-7-84 (DATE) Tank Inspected 8-7-84 (DATE)

Nitrification Field Inspected 8-7-84 (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: _____

Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY