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

APPENDIX II
SITE EVALUATION

S.I.R. No. 16450
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: 30935
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT #7 Block Q 16

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-10	(S) PS U 2-10	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	(S) PS U Clayey	S PS (U) Mixed clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	(S) PS U Blocky	S PS (U) Massive	S PS U	S PS U
4. SOIL DEPTH (inches)	(S) PS U 48>	S PS (U) <48	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	(S) PS U NONE	S PS (U) clay	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) PS U adequate	S PS (U) slow	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S (PS) U moderate	S (PS) U slow	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	Unsuitable		
10. SOIL SERIES	Cecil	HELENA		

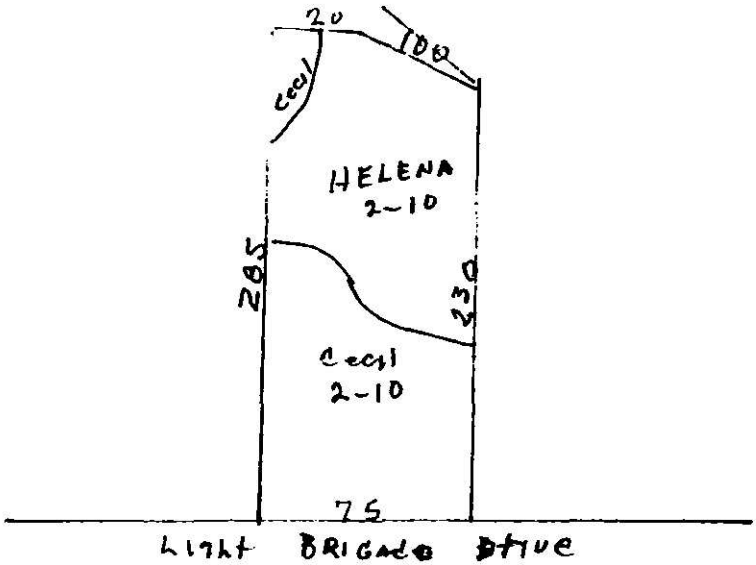
S - Suitable PS - Provisionally Suitable U - Unsuitable

** 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)


20
100
Cecil
HELENA
2-10
205
230
Cecil
2-10
75
Light Brigade Drive

Serial No. 3450

PTR No. 16451-0

T C No po 215-13115,16

Date Issued March 26, 1980

Map Date

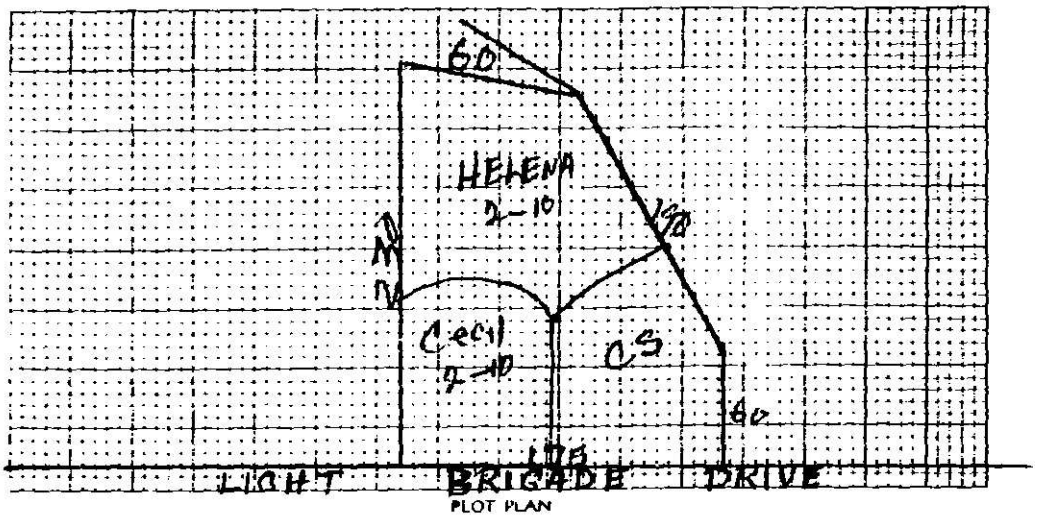
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER _ LAST Ralph Squires Const. Co. 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 ~~116~~ 1/2 BLOCK NO "Q"



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 established by the above agencies.

Provisionally Suitable

The permeability rate determined by the investigation was The said lot is approved for the installation of an approved subsurface sewage treatment system with subsurface, soil absorption sewage disposal area(s) as set forth in the following terms and conditions:

1. In the Mecklenburg County Department of Environmental Health Rules governing the design of sewage treatment systems.
2. The system is designed by the Mecklenburg County Department of Environmental Health based on the information stated above and on the attached plot plan.
3. The system is installed in accordance with the design criteria and specifications as approved by the Mecklenburg County Department of Environmental Health.
4. The soil evaluation and percolation tests were performed on the lot which the Mecklenburg County Department of Environmental Health considers the area indicated as acceptable for the installation of a subsurface sewage disposal 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 P. Abraham
Environmental Health Director or Authorized Section Head

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. 1645D
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: 27495
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT 18 Block G

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(PS) 2-10	(PS) Slopes	(PS) 2-10	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	(PS) Clayey	(PS) mixed Clay	(PS) mixed Clay	S PS U
3. SOIL STRUCTURE (12-36 inches)	(PS) Blocky	(PS) Massive	(PS) Massive	S PS U
4. SOIL DEPTH (inches)	(PS) 48	(PS) <48	(PS) <48	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	(PS) NONE	(PS) saprolite	(PS) Clays	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(PS) adequate	(PS) slow	(PS) slow	S PS U
7. SOIL PERMEABILITY (percolation rate)	(PS) moderate	(PS) slow	(PS) slow	S PS U
8. OTHER (specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	P. Suitable	Unsuitable	Unsuitable	
10. SOIL SERIES	Cecil	complex Slopes	HELENA	

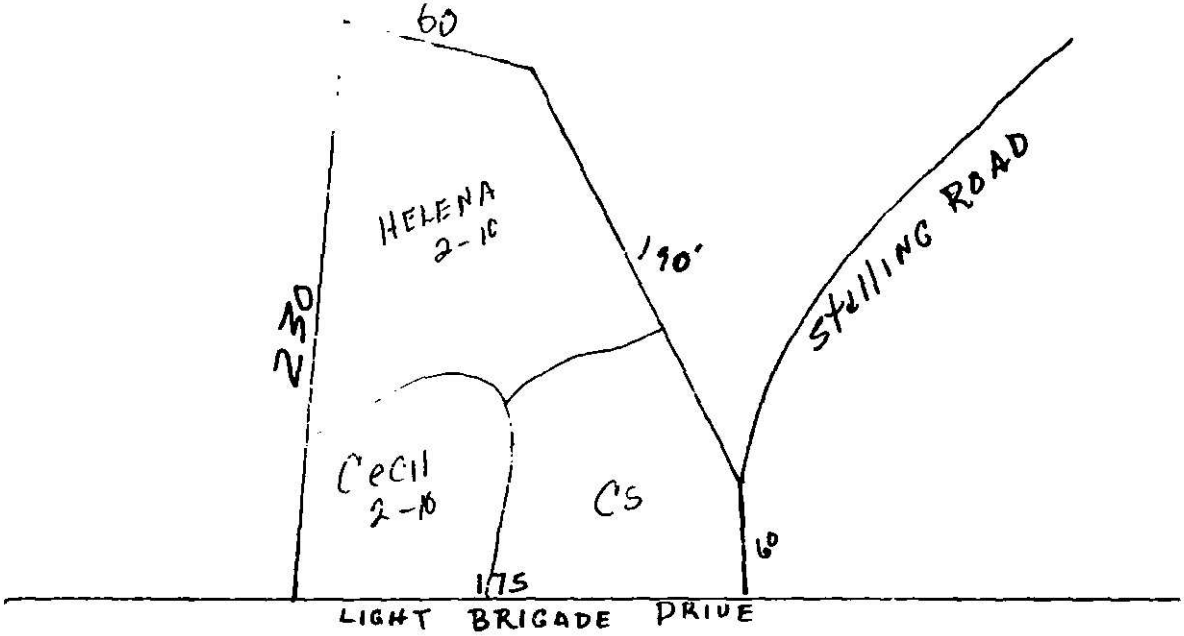
S - Suitable PS - Provisionally Suitable U - Unsuitable

** 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)



LOT 18, Block Q

Date Received 1/17/80

APT No. 16450

T C. No. 215.13 15/16

Map Date JAN, 79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

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

2) ADDRESS OF OWNER PO BOX 25178 (MIDDLE) ZIP 28212

3) PHONE NO Home _____ Office 5379553

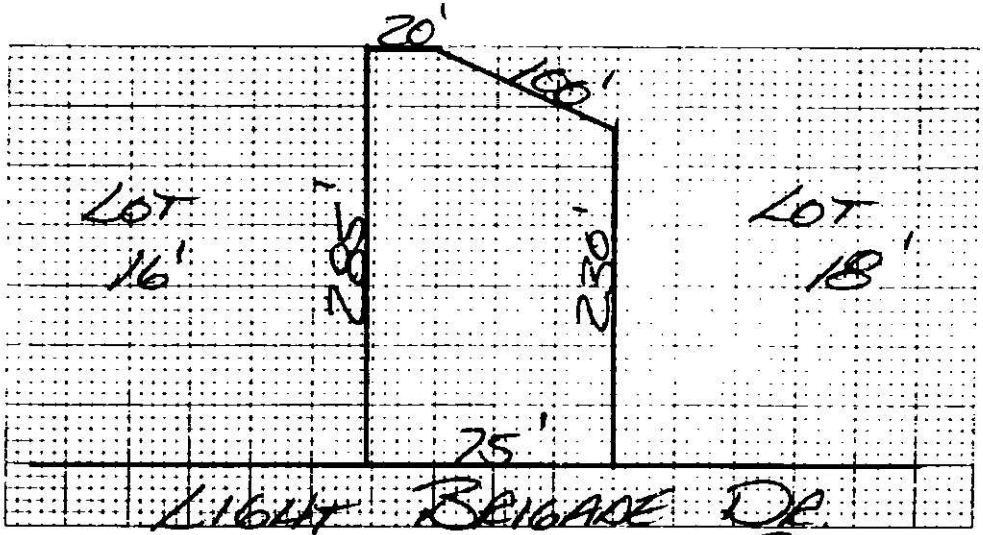
4) LOCATION OF PROPERTY LIGHT BRIGADE DR
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 15/16 BLOCK NO 4

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 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 disposal.



7) ACCURATELY DIAGRAM & DIMENSION LOT

OWNER

EHD-S-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 11,450

T.C. NO. PC 215-131-15/16

(Ground Absorption Sewage Disposal)

OWNER: Ralph Square Const. Co PLAT NO:
ADDRESS: P.O. Box 25178 Chg. 1-Tye LOT SIZE: 23,227
LOCATION OF SITE: Lot 16 Block Q

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 2-10	S PS (U) Complex Slopes	S (PS) U 2-10	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Clayey with Uneven Weathering	S PS (U) Gravelly Clay	S PS (U) 2-1	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S PS (U) Massive	S PS (U) Massive	S PS U
4. SOIL DEPTH (inches)	S (PS) U 36-48"	S PS (U) 48	S PS (U) <48	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U None	S PS (U) Clay & Saprolite	S PS (U) Clay	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U Adequate	S PS (U) Slow 30" Perched Water Table	S PS (U) 20" To Perched Water Table	S PS U
7. OTHER (Specify) Limited Area Unfavorable Elevation IN Land	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIIa	IVb	IVb	
9. SITE CLASSIFICATION	Suitable	Unsuitable	Unsuitable	
10. SOIL SERIES	Uneven Weathered Area IN Cecil	Complex Slopes IN Helena	Helena	

S - Suitable PS - Provisionally Suitable U - Unsuitable

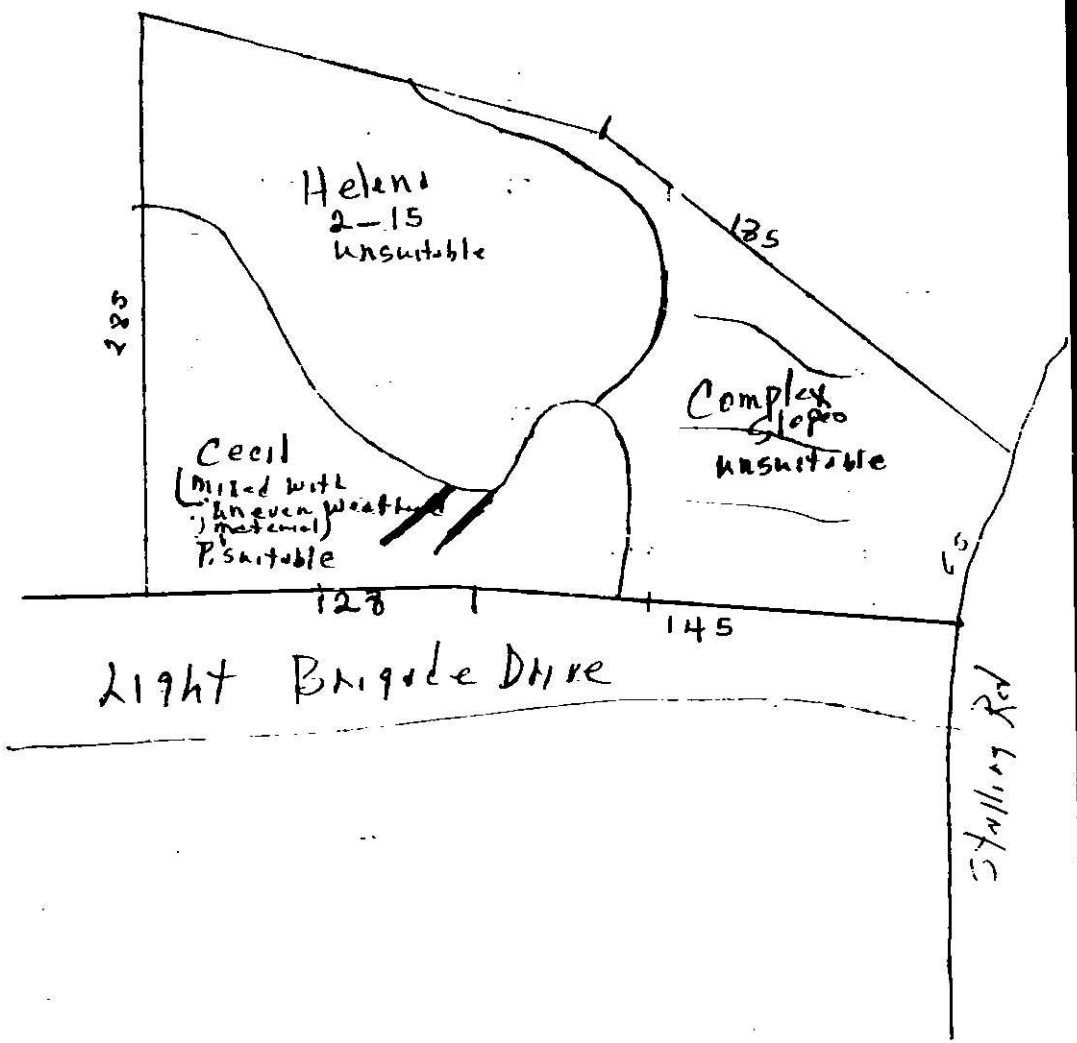
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Ramsey
Title: Sanitarian

Date: 10-6-82

EHD 539 (Revised: 6/82)


Helena
2–15
unsuitable
125
125
Complex Slopes
unsuitable
Cecil
Mixed with
uneven
material
P. suitable
128
145
65
Light Brigade Drive
Stallings Rd

Serial No. 3430

PTR No. 16450

Date Issued March 25, 1980

T C No po 215-131-15,16

Map Date _____

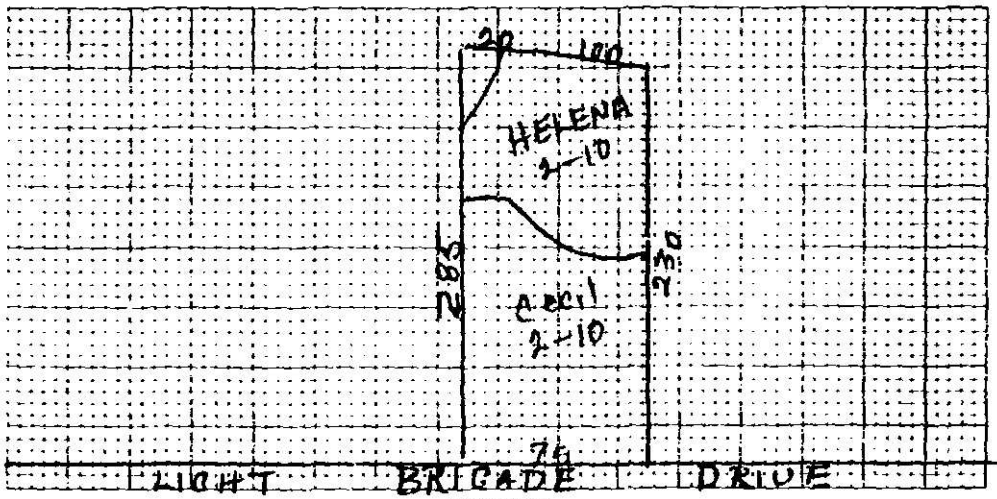
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER _____ (LAST) Ralph (FIRST) Squires Const. Col, Inc. _____ (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 ~~17~~ 16 BLOCK NO "Q"



PLOT PLAN

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

Provisionally Suitable

The said lot is approved for the installation of one (1) three bedroom wastewater treatment system with subsurface, soil absorption effluent disposal subject to the following conditions:

1. [illegible] the Mecklenburg County Department of Environmental Health [illegible] wastewater treatment system.
2. [illegible] determined by the Mecklenburg County Department of Environmental Health [illegible] as indicated above and [illegible].
3. [illegible] acceptable for system installation [illegible].
4. [illegible] performed on the lot at the time the Mecklenburg County Department of Environmental Health verified the area indicated as acceptable for system installation [illegible] 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.

W. B. Ramsey
Soil Scientist

John R. Atkisson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 10-11-82

OCT 11 1982

ICAR(S) Application No. 16450

T. C. Rec. 215-131-15,16

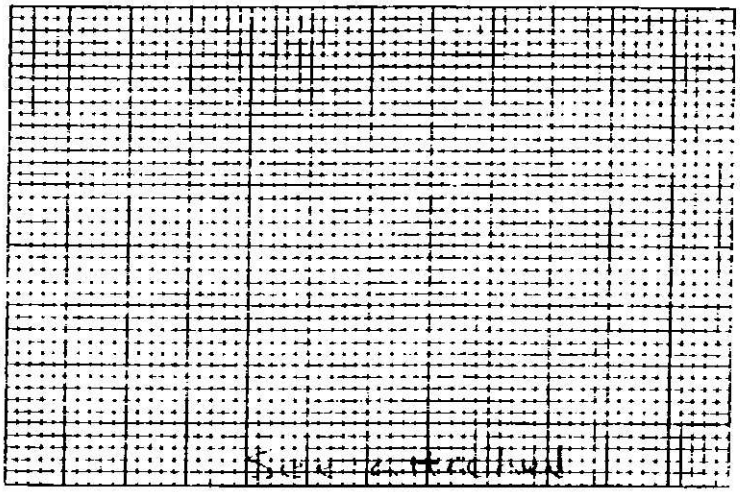
Map Date _____

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.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

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 [illegible] 28078

15) PHONE NO. Home _____ Office 537-9553

16) LOCATION OF SYSTEM 913 Light Brigade
STREET OR COUNTY ROAD

17) SUBDIVISION _____ Lot No. 16 Block No. Q

Map Book No _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ___ YES ___ NO DATE RUN _____

20) PTR NUMBER (See Instructions) _____

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.

9-20-82
DATE OF APPLICATION

Larry Squires
OWNER

EHD-S-76

BI-10-12-82

LA No. 16450

Serial No. 5967

Date Issued 10-11-82

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

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

PERMIT 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 1900 Light Brigade Dr.
(STREET OR COUNTY ROAD)

SUBDIVISION Windrow II LOT NO 16 BLOCK NO Q

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 16450 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 MAY BE NEEDED ***

Ron Phelps
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-74

Environmental Health Department's Copy

Date Issued 7-5-83

Serial No. 6367

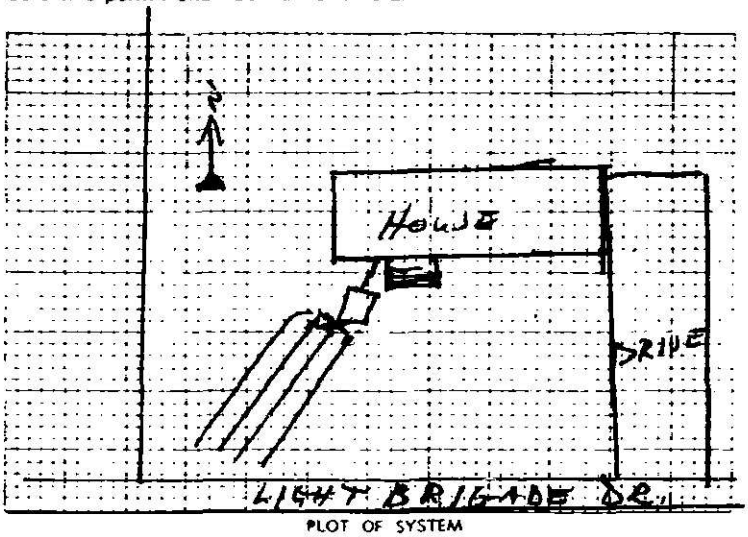
ICAR(S) Permit No 16450

T C 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 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 16450, dated 9-20-82, 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 JULY 30 83, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS - IV+

Liquid Capacity of Tank 1500 gal.

Tank Construction Pre Cast Concrete

Absorption and Subsurface Line

Total Line Length 400 lin FT

Number of Lines FOUR

Distance from House 10 FT

Distance from Property Line 15 FT
Keep 100 FT

Distance from Well NOT IN YET

NAME OF OWNER RALPH SQUIRES CONST. CO

LOCATION OF PROPERTY 1900 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, constructing or using such system from any liability resulting from the failure of the system to operate properly.

Comments: FOUR TRENCHES TO BE 100FT X 3FT X 12 inches - hay or straw cover grade BDS - Plumb w/m line into DIST Box

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-S-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

(3T 7-11 83

C of A (s) No. 16450

Date Issued 7-8-83 **Serial** 5956 T C No 215-134- 15/16

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) Co (MIDDLE)

Location of Property 1900 LIGHT BRIGADE Dr.

Application Number 16450 Permit Number 16450

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material Pre Cast Concrete

Total Length of Drain Tile 400 lin FT Number of Lines FOUR ~~Four~~

Depth of Filter Material 12 inches Cover Depth 18 inches

Water Supply Source well Distance from Water Source Not in yet

Excavation Inspected 7-8-83 (DATE) Tank Inspected 7-8-83 (DATE)

Nitrification Field Inspected 7-7-83 (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 X 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 Miller
Environmentalist

EHO-S-76

ENVIRONMENTAL HEALTH DEPARTMENT COPY

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