Date Received 1/17/80

APT No 1647D

T C No 215-131-1,10

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 537-9553

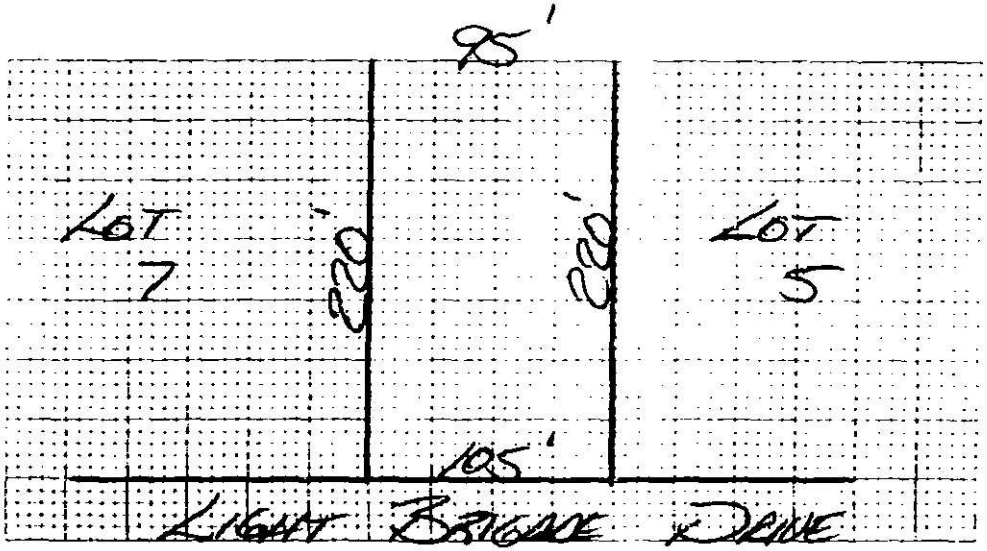
4) LOCATION OF PROPERTY LIGHT BRIGADE DRIVE
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 64 BLOCK NO U

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK _____ PAGE NO _____

Applicant is hereby made to the Mecklenburg County Department of Environmental Health for the purpose of investigation and an on site inspection of the property described for the purpose of determining if the lot is suitable for the installation of a septic tank wastewater treatment system with subsurface, soil absorption effluent discharge.



7) ACCURATELY DIAGRAM & DIMENSION LOT

Bill Squires
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

S.I.R. No. 16470
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: 22,000
LOCATION OF SITE: LIGHT BRIGADE COURT DRIVE LOT 6 BLOCK U 4

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U — 2-10	S (PS) U — 0-10	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) — Blocky 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) — Clays	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

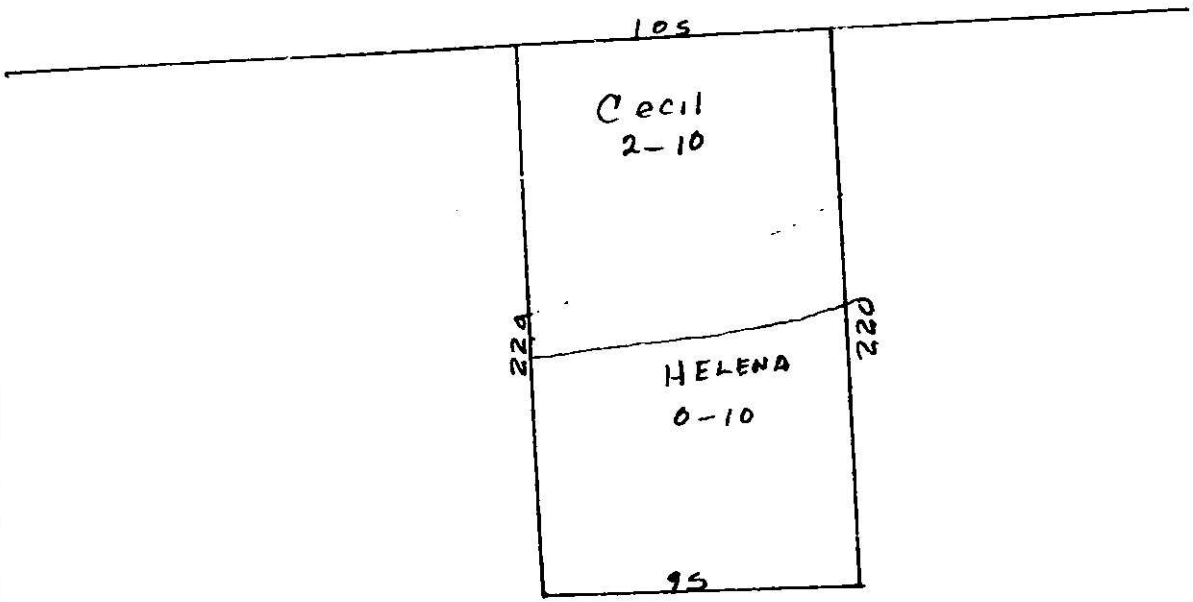
** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments:

Described By: W. B. Ramsey
Title: Soil Scientist
Date: 3-12-80

DHS Form 2601
Sanitation
EHD 539 (2/80)

LOT 6 BLOCK 4



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

APPENDIX II
SITE EVALUATION

S.I.R. No. 16470
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: 20,900
LOCATION OF SITE: LIGHT BRIGADE CIR. DRIVE LOT 5 BLOCK U

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10 U	S (PS) 0-10 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 Mixed clays (U)	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS Blocky Massive (U)	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) 48> U	S PS <48 (U)	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	S (PS) NONE U	S PS Clays (U)	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) Adequate U	S PS Slow (U)	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S (PS) Moderate U	S PS Slow (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	Unsuitable		
10. SOIL SERIES	Cecil	Helena		

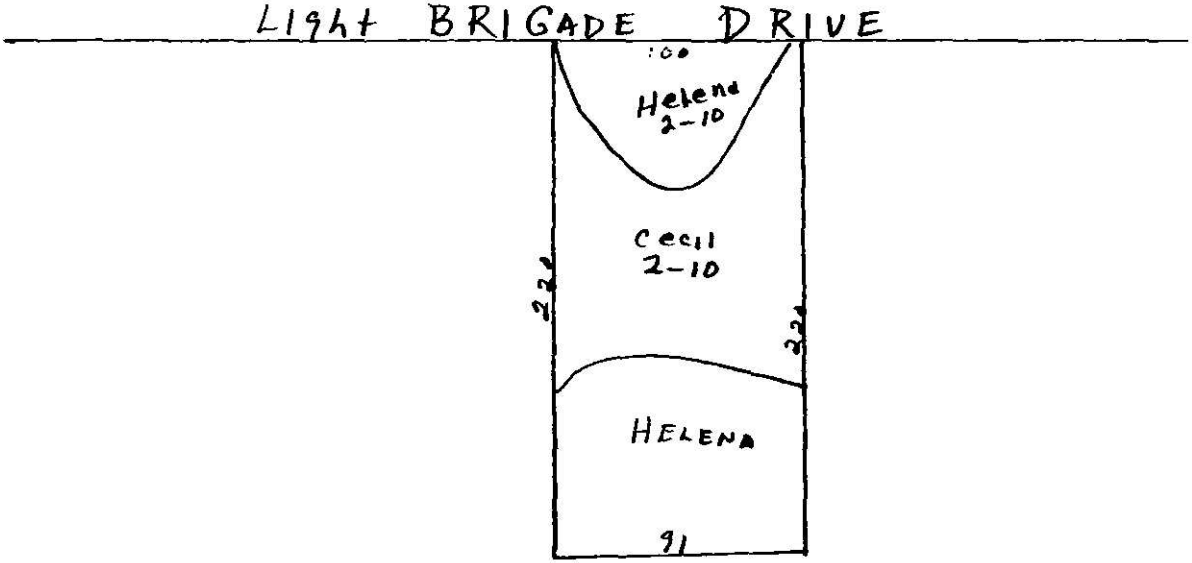
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments:

Described By: W. B. Ramsey
Title: Soil Scientist
Date: 3-12-80

DHS Form 2601
Sanitation
EHD 539 (2/80)


LIGHT BRIGADE DRIVE
100
Helena
2-10
Cecil
2-10
224
224
HELENA
91

Serial No. 3444

PTR No 16474

Date Issued March 25, 1980

T (No po 215-131-15,16

Map Date

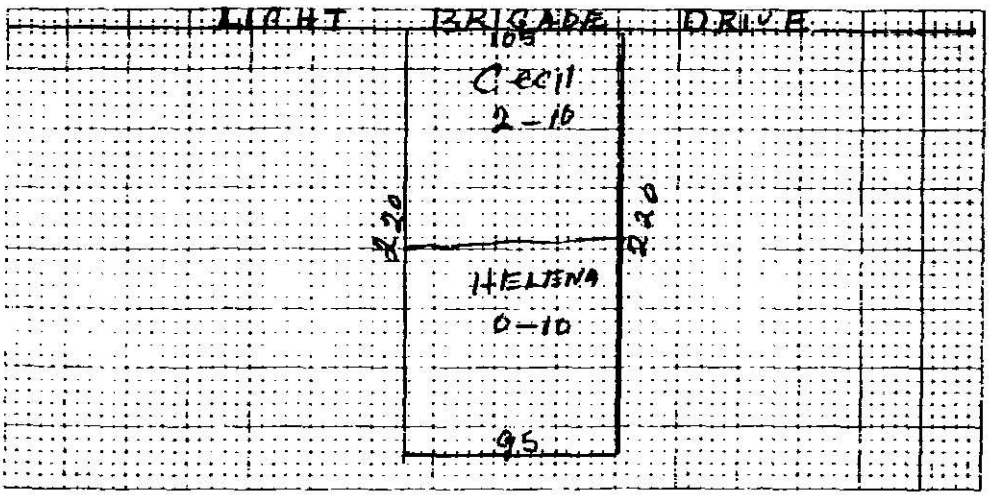
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) Ralph Squires Const. Co. (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 164 BLOCK NO "U"



PLOT PLAN

[illegible] made by the Mecklenburg County Department of Environmental Health [illegible] The soil investigation was conducted [illegible]

Provisionally Suitable

[illegible] The said lot is approved [illegible] with subsurface soil ab- [illegible] the Mecklenburg County Depart- [illegible] ing of sewage treatment [illegible] the Mecklenburg [illegible] absorption area [illegible] system installation [illegible] determined on the lot which [illegible] indicated as acceptable for [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 at 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 revised laws, rules, and regulations been in effect on the issue date.

W. B. Ramsey
Soil Scientist

John R. Johnson
Environmental Health Director or Authorized Section Head

EHD 5 76

Environmental Health Department's Copy

Date Received 1/12/80

APT No 16470

T C Map 215-131 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.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER PO BOX 25178 ZIP 28212

3) PHONE NO Home _____ Office 537-9553

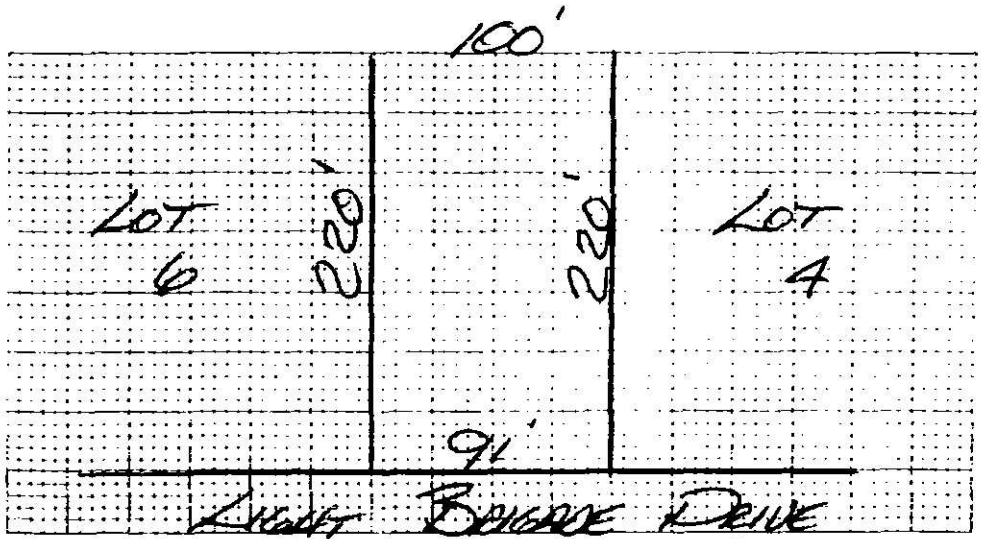
4) LOCATION OF PROPERTY LIGHT BRIGADE DRIVE
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDROW LOT NO 3 4 BLOCK NO U

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 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

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 10,470

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

(Ground Absorption Sewage Disposal)

OWNER: RALPH SQUIRES CONST. CO
ADDRESS: PO BOX 25178 Charlotte
PLAT NO:
LOT SIZE: 31,110
LOCATION OF SITE: LIGHT BRIGADE DRIVE LOT 4 BLOCK V

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(PS) 2-10	(PS) 2-10	(PS) 2-10	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	(PS) Clayey	(PS) Clayey	PS (U) 2-1 Clay	S PS U
3. SOIL STRUCTURE (12-36 inches)	(PS) Blocky	(PS) Blocky	PS (U) Blocky to Massive	S PS U
4. SOIL DEPTH (inches)	(PS) 42	(PS) 36-48"	PS (U) 42 10-20"	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	(PS) NONE	(PS) NONE	PS (U) Clays	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(PS) Adequate	(PS) Adequate	PS (U) Slow Water table 10-20"	S PS U
7. OTHER (Specify) Limited Area	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IV a	III a	III b	
9. SITE CLASSIFICATION	P. Suitable	P. Suitable	Unsuitable	
10. SOIL SERIES	Cecil	Mixed Cecil & Partly weathered material	Helena	

S - Suitable PS - Provisionally Suitable U - Unsuitable

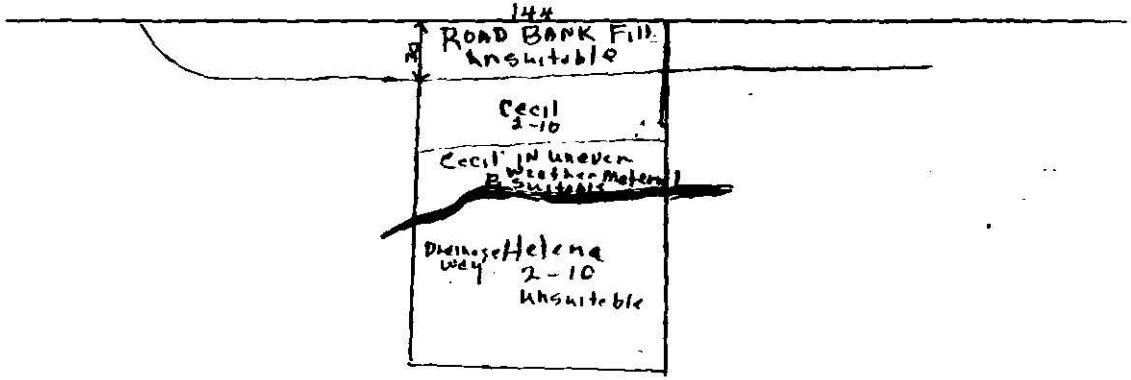
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: The 30' ROAD BANK FILL HAS REDUCED AMOUNT OF P. SUITABLE SOIL.

Described by: W. B. Ramsey
Title: Soil Scientist
Date: 10-6-82

EHD 539 (Revised: 6/82)

LIGHT. BRIGADE DRIVE



Serial No. 3437

PTR No 16470

T C No po 215-131-15,16

Date Issued March 25, 1980

Map Date

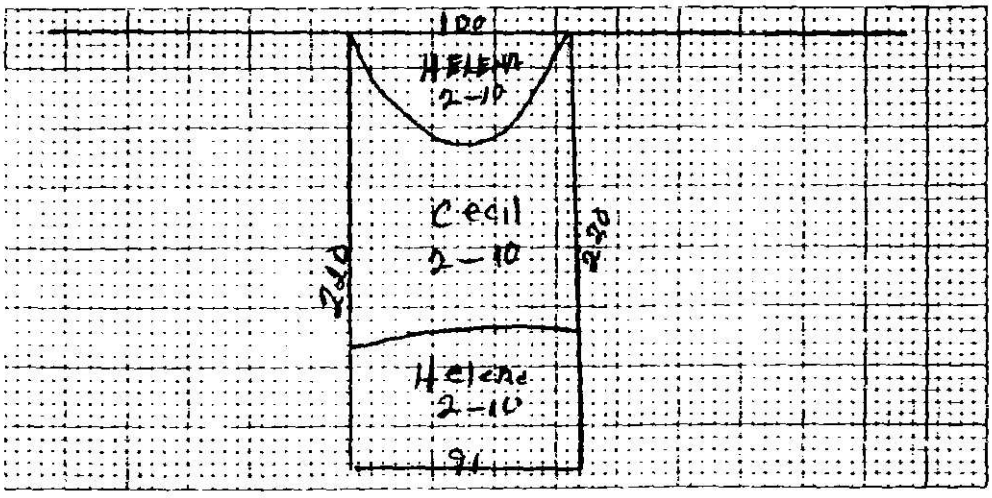
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER (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 54 BLOCK NO. "U"



PLOT PLAN

The [illegible] investigation was made by the Mecklenburg County Department of Environmental Health [illegible] The soil investigation was conducted [illegible]

This [illegible] was **Provisionally Suitable** The said lot is approved [illegible] with subsurface soil ab[illegible]

[illegible] the Mecklenburg County Depar[illegible] the wastewater treatment [illegible]

[illegible] by the Mecklenbur[illegible] stalled above and [illegible]

[illegible] system installation [illegible]

4. [illegible] performed on the [illegible] indicated as acceptable [illegible] 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. Adkisson
Environmental Health Director or Authorized Section Head

END-5-76

Environmental Health Department's Copy

Date Received 10-11-82

SEE INSTRUCTIONS ON BACK

RECEIVED

OCT 11 19[illegible]

CAR(S) Application No 16470

T & P No 215-131-15,16

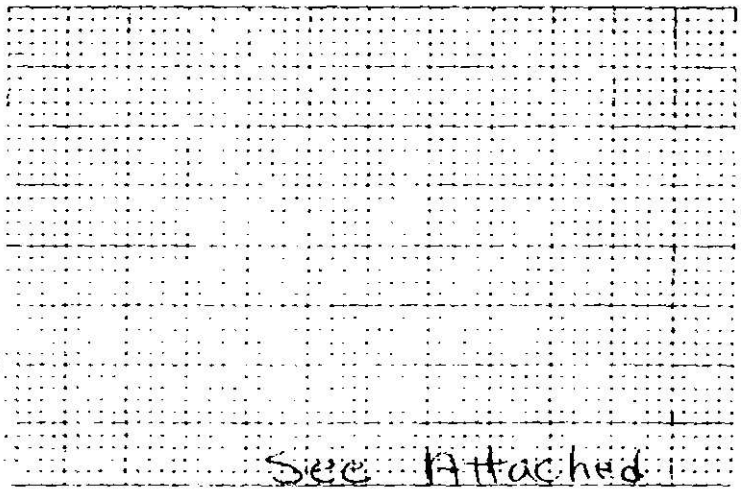
Map Date

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) X 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)

4 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
Home located within 200 feet of public water Yes X No
Home 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 PO Box 25178

15) PHONE NO Home ___ Office 537-9553

16) LOCATION OF SYSTEM 1927 Light Brigade Dr (STREET OR COUNTY ROAD)

17) SUBDIVISION Lindsey Lot No 4 Block No. U

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) Map revised

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.

DATE OF APPLICATION 9-20-82

OWNER Larry Schuster

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

SJ-10-13-82

Serial No. 5968

LA No. 16470

Date Issued 10-11-82

T C No PO 215-131-15,16

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 1927 Light Brigade Dr. (STREET OR COUNTY ROAD)

SUBDIVISION Windrow II LOT NO 4 BLOCK NO U

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 16470. 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

Serial No. 6504

Date Issued 8-10-83

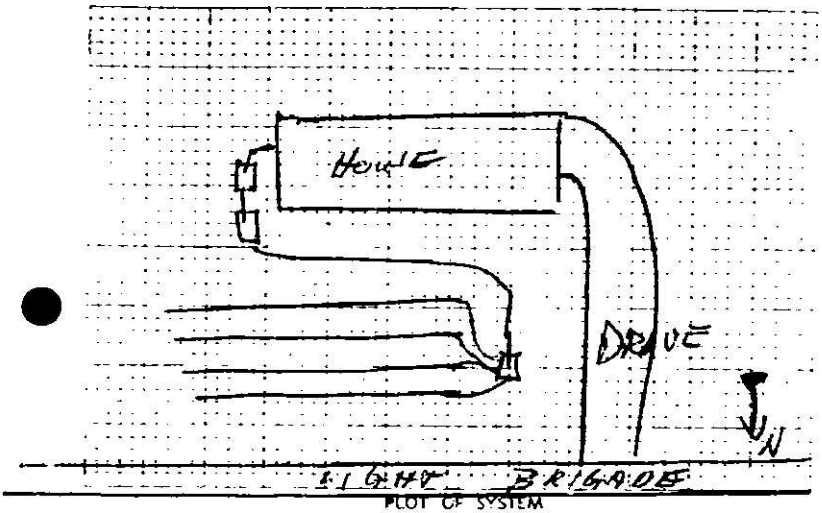
ICARUS Permit No 16470

T C No 215-13 15 c.

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 16470 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 SEPT 20 1983, after which date this permit shall be null and void



PLOT OF SYSTEM

Permeability Rate PS LV4 1000 gal L-S

Tank Capacity 1500 gal S-T

Type of Construction Pvc Cast Concrete

Total Trench Length 400 Lin FT

Number of Trenches FOUR

Trench Width 10 FT

Trench Depth 20 FT Keep 10 FT

Distance from Well NOT IN YET

NAME OF OWNER RALPH SQUIRE CONST. CO

LOCATION OF PROPERTY 1927 LIGHT BRIGADE DR.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission in the 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 covered unless directed 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.

Comments: FOUR Trenches @ be 100 FT X 3 FT X 12 inches Stone Hay or Straw Cover - guide bds - Plumb Wte line into DIST Box

Division or Section Head

Ralph Miller
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

J

RE 9-19 83
C of A (s) No 16470

Date Issued SEPT 16th 1983 Serial 6157

T C No 215-131-15/16
135-

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 CONSTRUCTION CO
LAST FIRST MIDDLE

Location of Property 1927 LIGHT BRIGADE DR

Application Number 16470 Permit Number 16470

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

Depth of Filter Material 12 INCHES Cover Depth 12 inches
Reap 100 FT

Water Supply Source well Distance from Water Source NOT IN YET

Excavation Inspected 9-16-'83 Tank Inspected 9-16-83
DATE DATE

Nitrification Field Inspected 9-16-83
DATE

Washing Machine Line Inspected If Applicable —
DATE

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption effluent dischorge 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

EHD-S-76