Date Received 10-22-73

APT No. 7135

T. C. No. P.O. 139-112-02

Map Date 9-5-73

# MECKLENBURG COUNTY HEALTH DEPARTMENT

## ENVIRONMENTAL HEALTH DIVISION

### APPLICATION FOR PERCOLATION TEST

1) NAME OF OWNER Investment Land Sales (LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER 1740 E. Independence Blvd. ZIP 28205

3) PHONE NO. Home _____ Office 333-5492

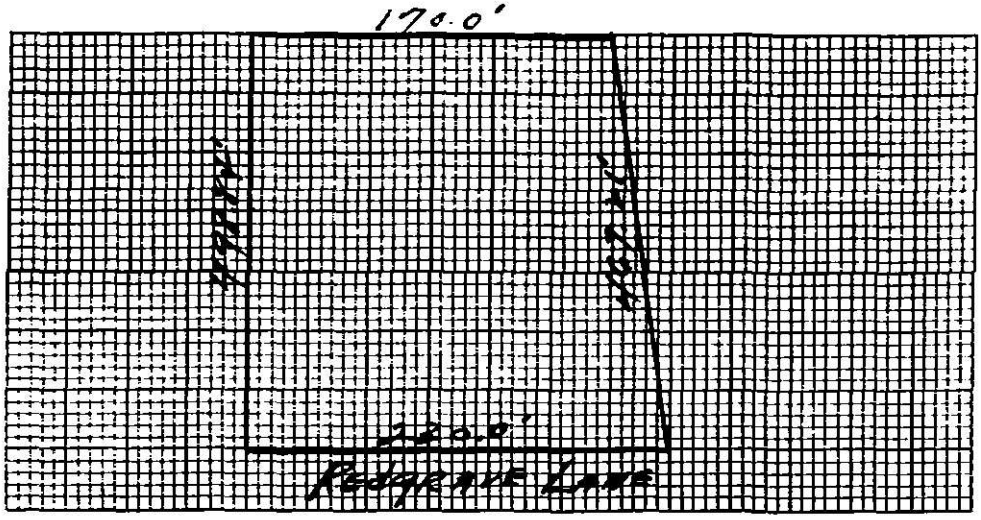
4) LOCATION OF PROPERTY Lot 53 - Redgrave Lane (STREET OR COUNTY ROAD)

5) SUBDIVISION Eastside Estates Addition LOT NO. 53 BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

6) DEED REFERENCE: DEED BOOK _____ PAGE NO. _____

Application is hereby made to the Mecklenburg County Health Department for the conduct of a percolation test 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

October 19, 1973

Investment Land Sales

OWNER

Vice President

FORM NO. E-1-9-1-72

HEALTH DEPARTMENT'S COPY

Serial No. 3731

PTR No. 7135

T. C. No. 139-112-02

Date Issued XXX October 25, 1973

Map Date 9-5-73

**Do Not Issue A Building Permit Based On This Form**

# MECKLENBURG COUNTY HEALTH DEPARTMENT

## ENVIRONMENTAL HEALTH DIVISION

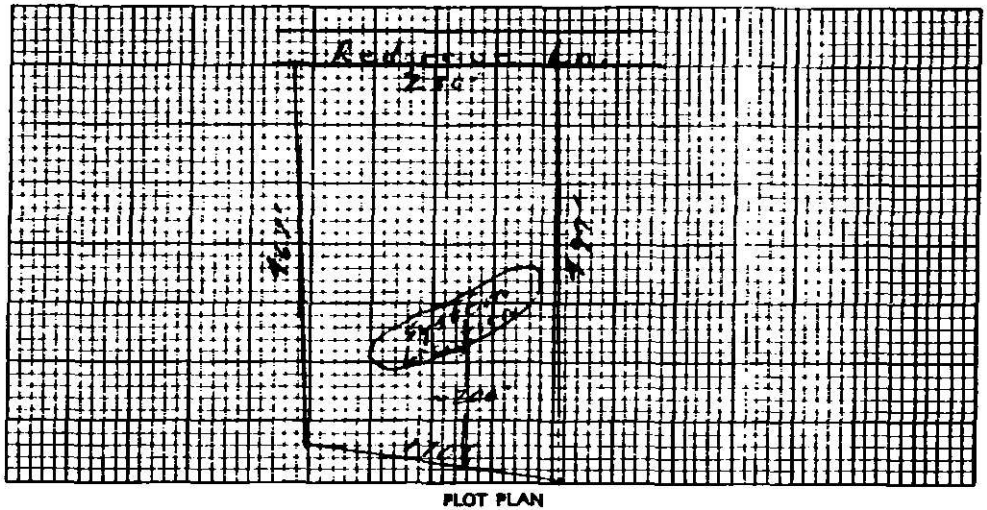
## PERCOLATION TEST REPORT

NAME OF OWNER Investment Land Sales
(LAST FIRST MIDDLE)

ADDRESS OF OWNER 1740 East Independence Blvd. ZIP 28205

LOCATION OF PROPERTY Redgrave Lane
(STREET OR COUNTY ROAD)

SUBDIVISION Eastside Estates LOT NO. 53 BLOCK NO.




PLOT PLAN

This is to certify that a percolation test has been run and an on-site inspection made by the Mecklenburg County Health Department on the lot described above. The said test was conducted on that portion of the lot as indicated on above plot.

The percolation rate determined by the test was 45 min/in* 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 Health Department 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 teratment system which must be installed will be determined by the Health Department prior to installation based on the percolation 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 where the percolation test was run.
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 Health Department, renders the area where the percolation test was run unsuitable for the 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 State Board of Health and the Mecklenburg County Board of Health which were in effect on the date of issuance and is void if at any time in the future, prior to the 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.

*Results determined by soil analysis.

John R Adkinson
Director Environmental Health Division or Authorized Section Head

W. Brent Lynn, Jr.
Soil Scientist

FORM NO. E-2-4-1-11

HEALTH DEPARTMENT'S COPY

Date Received 9-21-76

APT No. 713
P.O.
T. C. No. 139-112-17

Map Date 1-3076

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER CARRIKER (LAST) JOEL (FIRST) CONST CO INC. (MIDDLE)

2) ADDRESS OF OWNER PO BOX 23069 (CITY) HUNTSVILLE (STATE) NC ZIP 28212

3) PHONE NO. Home 545-5304 Office 545-4517

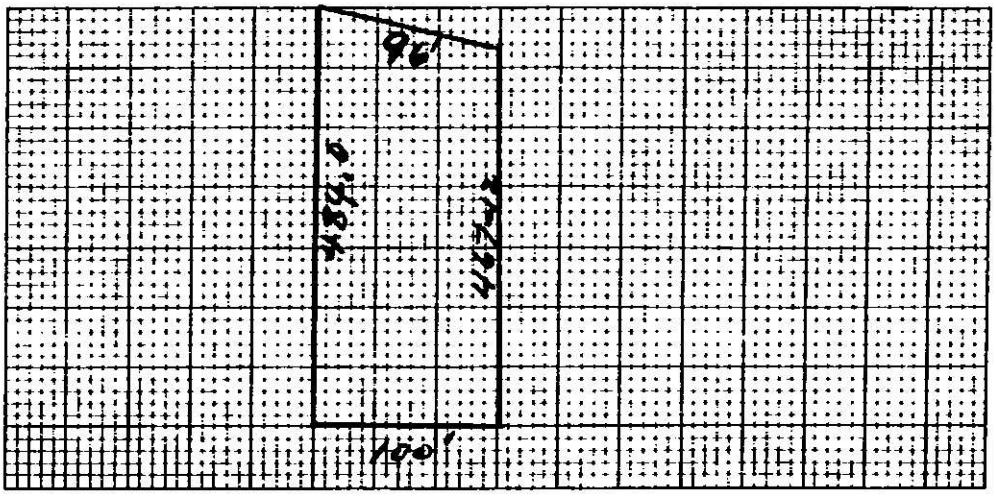
4) LOCATION OF PROPERTY REDGRAVE LN. (STREET OR COUNTY ROAD)

5) SUBDIVISION RIDGEWOOD ESTATES LOT NO. 3A BLOCK NO.

MAP BOOK NO 139 PAGE NO. 11

6) DEED REFERENCE: DEED BOOK 17 PAGE NO. 232

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 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

Joel W. Carriker Pres.
OWNER

EHD-5-76

Environmental Health Department's Copy

SOIL INVESTIGATION REPORT

Date of Investigation September 30, 1976 APT NO. 7135

Owner Joel Carriker Construction Co. Inc.

Location of Property Redgrave Lane Lot 3A TCN: P.O.139-112-17

| Soil Properties | Soil Suitability Ratings: Soil 1 | Soil 2 | Soil 3 | Soil 4 |
|---|---|---|---|---|
| 1. Soil Series | Cecil | | gullied area | |
| 2. Soil Slope | suitable 2-6% | | unsuitable complex slopes | |
| 3. Soil Depth | suitable >46" | | unsuitable ~40" | |
| 4. Soil Texture | provisionally suitable clay | | provisionally suitable clay | |
| 5. Soil Structure | provisionally suitable blocky | | provisionally suitable blocky | |
| 6. Restrictive Horizons | — | | — | |
| 7. Soil Drainage | suitable water table 76" | | unsuitable drained through this area | |
| 8. Soil Permeability (Percolation Rate) | provisionally suitable moderate | | unsuitable slow >120 min/in | |
| 9. Other | 60 min/in | | — | |
| 10. Overall Rating | provisionally suitable | | unsuitable | |

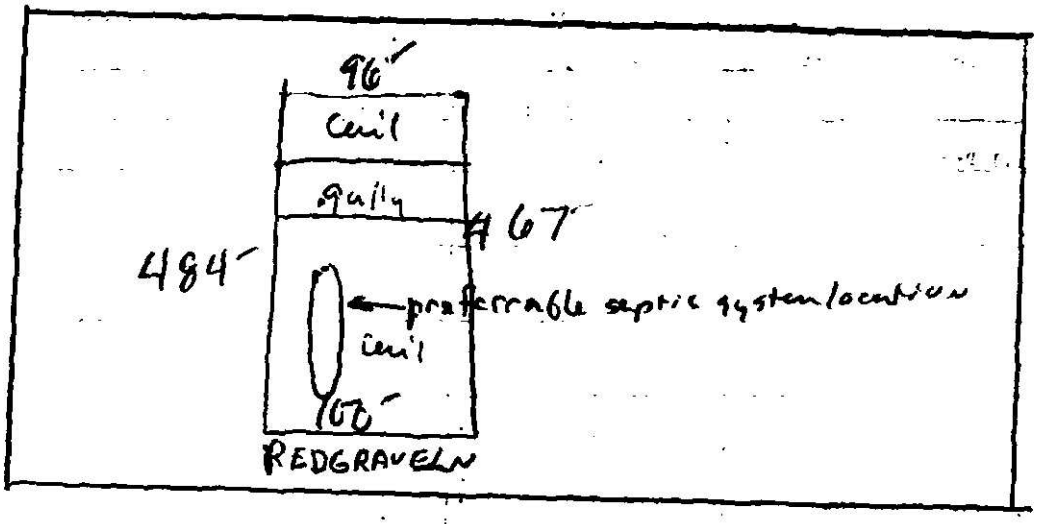
Recommendations Based on this investigation, the lot is recommended for approval for installation of a septic tank system. System design should be based on a percolation rate of 60 Min/in and should be placed in the area of Cecil soils.

See diagram on back

W. Edward Casemont
Soil Scientist

3/18/75
HHD 539

DIAGRAM OF PROPERTY




3/18/75

339

Serial No. 0200

PTR No. 7135

Date Issued 10/1/76

T. C. No. P.O. 139-112-17

Map Date 1-30-76

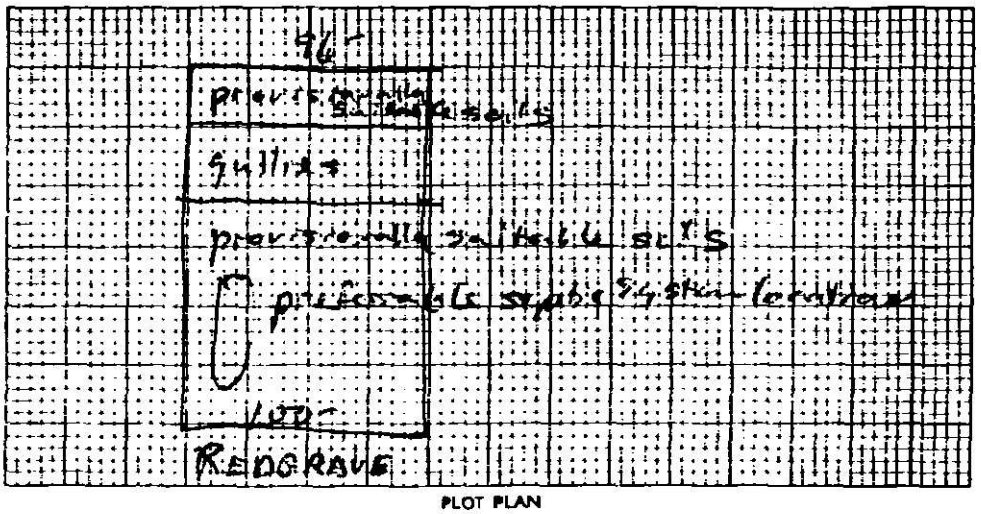
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Carriker (LAST) Joel (FIRST) Construction Co., Inc. (MIDDLE)

ADDRESS OF OWNER P. O. Box 23069, Mint Hill , N.C. ZIP 28212

LOCATION OF PROPERTY Redgrave Lane (STREET OR COUNTY ROAD)

SUBDIVISION Ridgewood Estates LOT NO. 3 A BLOCK NO.




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 Provisionally Suitable

The permeability rate determined by the investigation was 60Min./In. 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.

G. Edward Carawan — Soil Scientist

John W. Johnson — Environmental Health Director or Authorized Section Head

EHD-5-74

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 9/21/76

ICAR (S) Application No. 7183 (4922)

T. E. No. 139-112.17

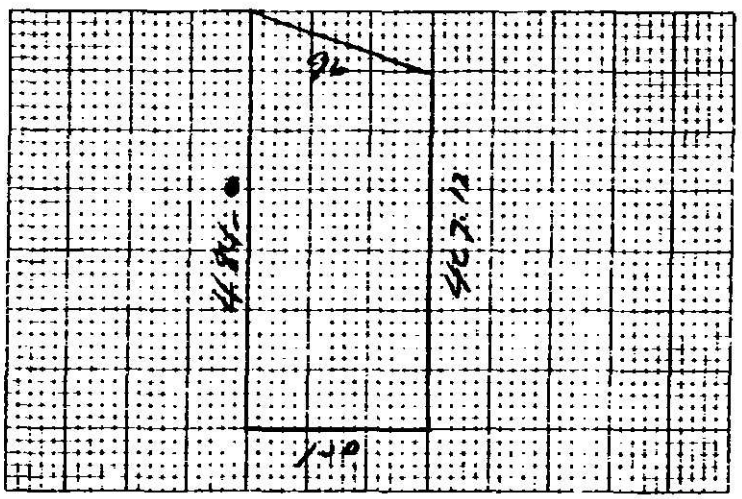
Map Date 1-30-76

# 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 yes
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 CARRIKER (LAST) Joel (FIRST) Const Co INC. (MIDDLE)

14) ADDRESS OF OWNER P.O. Box 23069 Mint Hill, NC 28212

15) PHONE NO. Home 545-5304 Office 545-4517

16) LOCATION OF SYSTEM Redgrave Ln. (STREET OR COUNTY ROAD)

17) SUBDIVISION Ridgewood Est Lot No. 3A Block No. ___

Map Book No. 139 Page No. 11

18) DEED REFERENCE — DEED BOOK 17 AT PAGE 32

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.

9-21-76
DATE OF APPLICATION

Joel W. Carriker
OWNER

EHD-5-76

Environmental Health Department's Copy

Date Issued Oct. 1, 1976

**Serial No. 0207**

IMPROVEMENTS PERMIT

LA No. 7135

T. C. No. P.O. 139-112-17

Map Date 1-30-76

# 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 Carriker (LAST) Joel (FIRST) Construction Co., Inc. (MIDDLE)

ADDRESS OF OWNER P. O. Box 23069, Mint Hill, N. C. ZIP 28212

LOCATION OF LOT Redgrave Lane (STREET OR COUNTY ROAD)

SUBDIVISION Ridgewood Estates LOT NO. 3 A 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 7135. 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.*

S P Dickerman
Environmentalist

John N Dickerson
Environmental Health Director, or Authorized Section Head

EHD-5-76

**Environmental Health Department's Copy**

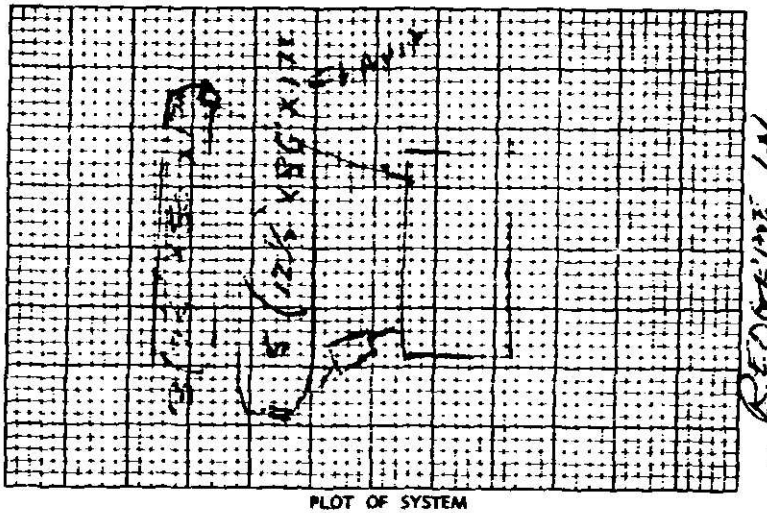
Date Issued 12/3/-

**Serial** No. 0366

ICAR (S) Permit No. 7135
F. C. No. 13C-172-17
Map Date 6-30-26

# 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 7135, dated _____ 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 12/12/24, after which date this permit shall be null and void.




PLOT OF SYSTEM

Permeability Rate 6/6

Liquid Capacity of Tank 1000 gal

Tank Construction CC

Absorption and/or Nitrification Lines:

Total Line Length ST 400 1 N 1 150

Number of Lines 5 3

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100

NAME OF OWNER Jeff Carriker Const. Co.

LOCATION OF PROPERTY Lot 37 Redgrave Ln.

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.

Comments: _____

F. Hussey

Division or Section Head

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

**Environmental Health Department's Copy**

Serial No. 0395

C of A (s) No. 7135

Date Issued 12/3/76

T. C. No. 1-30-76

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## ENVIRONMENTAL HEALTH DIVISION

CERTIFICATE OF COMPLETION **CERTIFICATE OF APPROVAL**

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

Name of Owner JOEL CARRIKER CONST. CO. (FOR SALE)
(LAST, FIRST, MIDDLE)

Location of Property RED GRAVE LN- LOT 3A

Application Number 7135 Permit Number 7135

**Inspection Date:**

Liquid Capacity of Tank 1000 gal Tank Material PC

Total Length of Drain Tile ST 400 WM 150 Number of Lines 5 3

Depth of Filter Material 17" Cover Depth 20"

Water Supply Source IND WELL Distance from Water Source 100'

Excavation Inspected 12/3/76 (DATE) Tank Inspected 12/3/76 (DATE)

Nitrification Field Inspected 12/2/76 (DATE)

Washing Machine Line Inspected, If Applicable 12/3/76 (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: SYSTEM NOT APPROVED FOR DISHWASHER & OR GARBAGE DISPOSAL

L. P. McJunkin
Environmentalist

EHD-5-76

**Environmental Health Department's Copy**