Date Received 11-8-83

RECEIVED
NOV 7 1983
ENVIRONMENTAL HEALTH

SIR No. 20277
T. C. No. 001-121-03
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Knox Russell B
LAST FIRST MIDDLE

2) ADDRESS OF OWNER P.O. Box 4 Davidson N.C. ZIP 28036

3) PHONE NO. Home 892-0248 Office 892-0196

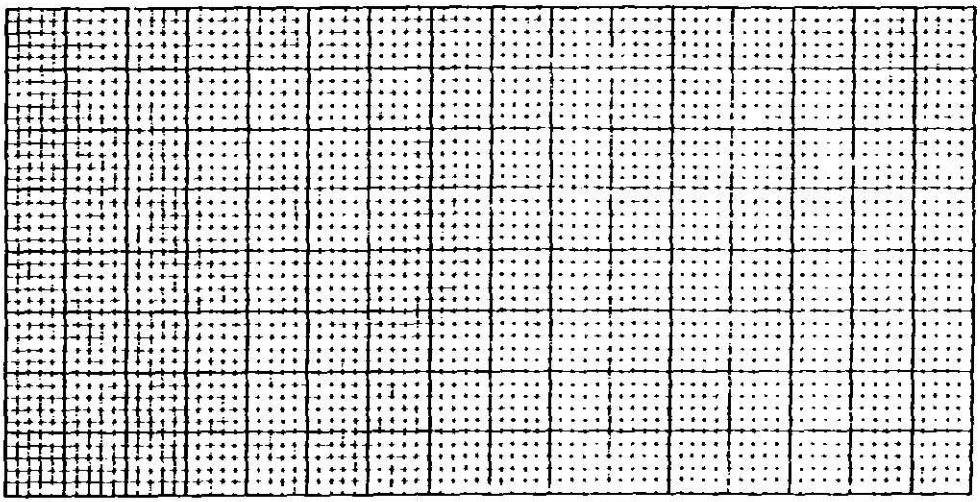
4) LOCATION OF PROPERTY Bethel Church Rd.
STREET OR COUNTY ROAD

5) SUBDIVISION _____ LOT NO. 6 BLOCK NO. _____

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 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

Bobby B. Knox
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 5355

SIR No. 20277

T C No. PO 001-121-03

Date Issued 12-15-83

Map Date

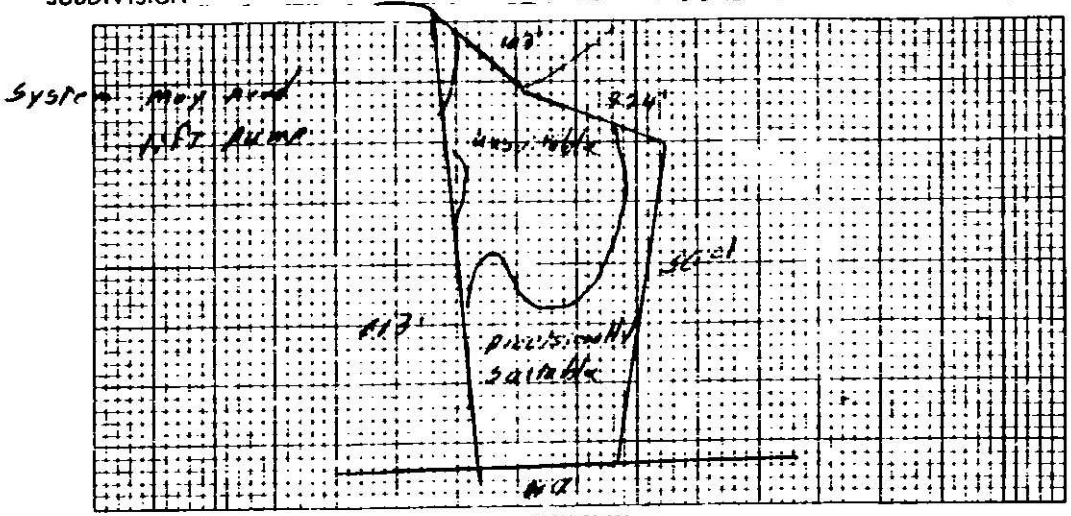
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Knox, (LAST) Russell (FIRST) B. (MIDDLE)

ADDRESS OF OWNER P.O. Box 4, Davidson, NC ZIP 28036

LOCATION OF PROPERTY Bethel Church Road (STREET OR COUNTY ROAD)

SUBDIVISION LAKE NORMAN LOT NO. 6 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. 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 septic 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 there.
3. This approval is valid only for the system location and immediate area indicated as acceptable for system installation on the above plot.
4. This approval is based on the findings of soil investigations including the auger borings performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health indicate the area indicated as acceptable for system installation. Unsuitable soil conditions may be encountered during construction of the system and may require a change in such 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 R. Mullin
Soil Scientist

Bill D. Hendricks Jr.
Environmental Health Director or Authorized Section Head

EHD-5-76

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20277

T.C. NO. PO 001-121-03

(Ground Absorption Sewage Disposal)

OWNER: Russell & Bobby Hood
ADDRESS: PO Box 4
Davidson, N.C. 28036
LOCATION OF SITE: off Bethel Church Road

PLAT NO: Lot #6
LOT SIZE: Approx 10,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-10%	S PS (U) Complex Slopes	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U clay	S (PS) U clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U 36-48"	S PS (U) Depth variable	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U >36"	S PS (U) <36" in places	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) PS U >48" to ground water	S PS (U) Eroded Areas channel runoff	S PS U	S PS U
7. OTHER (Specify)	S PS U see Note	S PS U	S PS U	S PS U
8. SOIL GROUP	IVA	IVA		
9. SITE CLASSIFICATION	Provisionally Suitable	unsuitable		
10. SOIL SERIES	Cecil Like	Complex slopes-Eroded		

S - Suitable PS - Provisionally Suitable U - Unsuitable

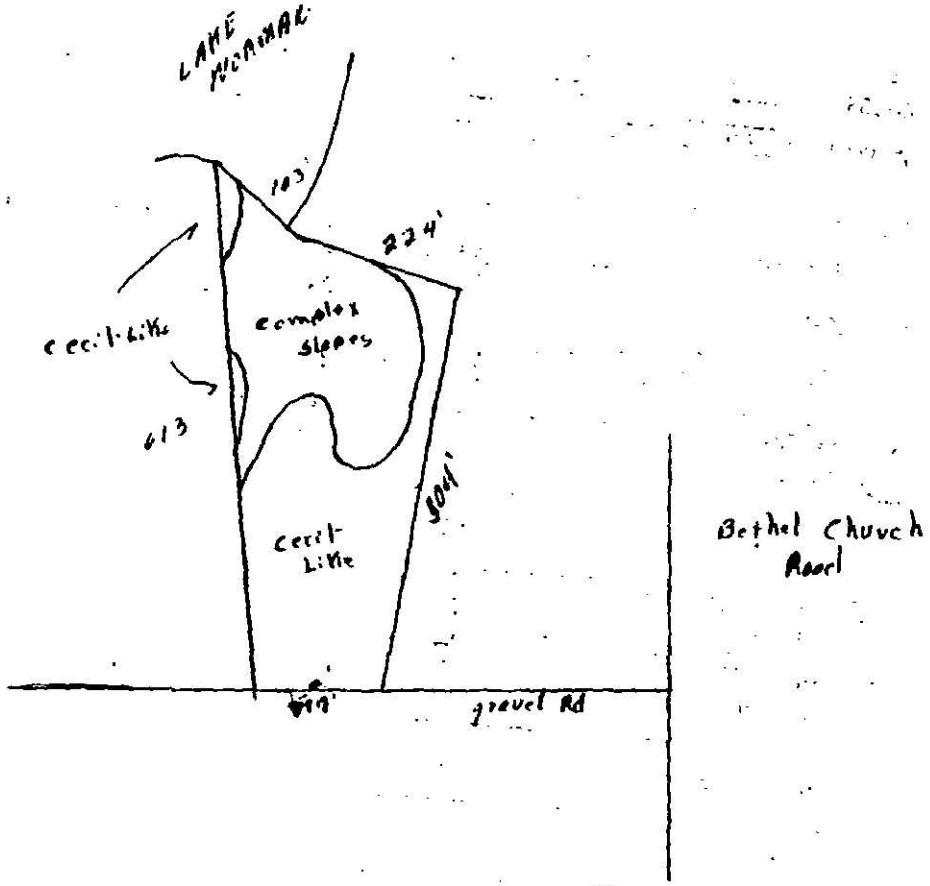
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes

Recommendations/Comments: system may require lift station
Recommend plans for house & system locations be submitted

Described by: William R. Marlin
Title: Soil Scientist

Date: 12-14-83

EHD 539 (Revised: 6/82)


LAKE NORMAN
103'
224'
cecil-like
complex slopes
613
304'
cecil-like
Bethel Church Road
gravel Rd

Date Received 3-9-84

SEE INSTRUCTIONS ON BACK
MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
MAR 9 1984
ENVIRONMENTAL HEALTH

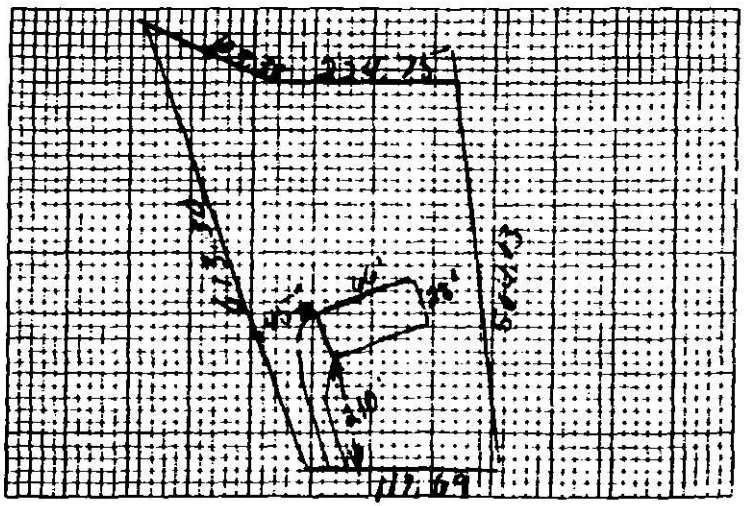
CAR (S) Application No. 20277
T. C. R0001-121-2
Map Date

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 ✓ Yes ____ No
4) No of Bedrooms 4
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 McLemore (LAST) Homes (FIRST) Bob (MIDDLE)

14) ADDRESS OF OWNER P.O. Box 25746, Charlotte, N.C. 28212

15) PHONE NO. Home Same Office 545-6111

16) LOCATION OF SYSTEM 20318 Bethel Wood DR (SR 2337)
(STREET OR COUNTY ROAD)

17) SUBDIVISION Bethel Woods Lot No. 6 Block No. ____

Map Book No. ____ Page No. ____

18) DEED REFERENCE — DEED BOOK 2641-169 AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 12-15-83

20) PTR NUMBER (See Instructions) 20277

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.

3-8-84
DATE OF APPLICATION

Bob McLemore
OWNER

EHD-S-74

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Date Issued 3-9-84

Serial No. 7291

SIR No. 20277

T. C. No. PO 001-121-03

Map Date

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 McLemore Homes, Bob
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER P.O. Box 25746, Charlotte, NC ZIP 28212

LOCATION OF LOT 20318 Bethel Wood Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Bethel Woods LOT NO 6 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 20277. 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.

*** LIFT STATION MAY BE NEEDED ***

Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

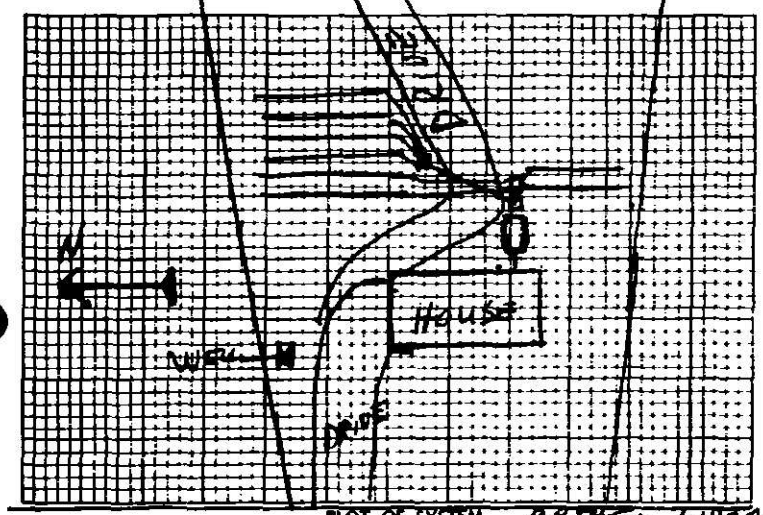
Date Issued July 5th 1984 Serial No. 07394 ICAR(S) Permit No. 20277 P.O.

T. C. No. 001-121-03

Map Date L

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 20277, dated 3-8-84 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 AUG 8th 1984, after which date this permit shall be null and void.



PLOT OF SYSTEM BETHEL WOODS RD

Permeability Rate PS IV+

Liquid Capacity of Tank 1500 gal

Tank Construction Pre Cast Concrete

Absorption and/or Nitrification Lines:

Total Line Length 400 lin. FT.

Number of Lines EIGHT

Distance from House 5 FT

Distance from Property Line > 10 FT

Distance from Well > 55 FT.

NAME OF OWNER BOB McLEMORE HOMES

LOCATION OF PROPERTY 20318 BETHEL WOODS DRIVE Lot #6

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.

EIGHT TRENCHES TO BE 50 FT x 3 FT x 12 inches STONE

Way on stone cover- grad bounds- Three Dist Boxes

Comments: USE Sch. 40 pipe beneath driveway

B. Hamlett
Division or Section Head

Ralph Wilkes
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or c 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

C of A (s) No. 20277

Date Issued 8-23-84 **Serial** 6889 T. C. No. 2001-121-03 L, CRT

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 Bob (LAST) M'Lemore (FIRST) Homes (MIDDLE)

Location of Property 20318 Bethel Woods ~~Ct~~ Ln.

Application Number 20277 Permit Number 20277

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material PCC

Total Length of Drain Tile 470' Number of Lines Four

Depth of Filter Material 12" Cover Depth 12" to 24"

Water Supply Source Well Distance from Water Source 750'

Excavation Inspected 8-23-84 (DATE) Tank Inspected 8-23-84 (DATE)

Nitrification Field Inspected 8-23-84 (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

CRT entry as 20318 ZZ Bethel Church Rd Mieck

Tim Ervin
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH FILE COPY

Date Issued 8-21-81

Serial No. 07386

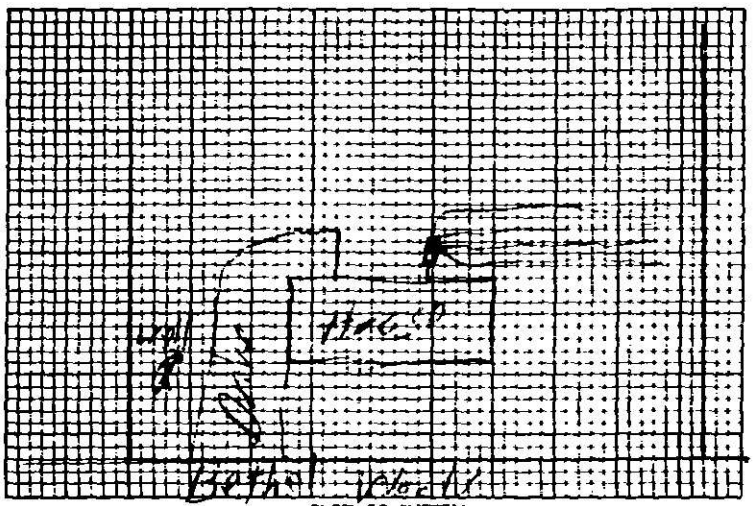
ICAR(S) Permit No. 20277

T. C. No. 001-121-03

Map Date L

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 20277, dated 8-8-81 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 9-20-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IV-G

Liquid Capacity of Tank 1500

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 400'

Number of Lines Four

Distance from House 5'

Distance from Property Line 10'

Distance from Well 250'

NAME OF OWNER Bob McLemore Homes

LOCATION OF PROPERTY 20318 Retreat Woods Drive

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.

Four Trenches 100'x3'x12" stone

Comments: _____

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 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