Serial No. 5199

SIR No. 20013

Date Issued 9-14-83

T. C. No. 001-294-11

Map Date

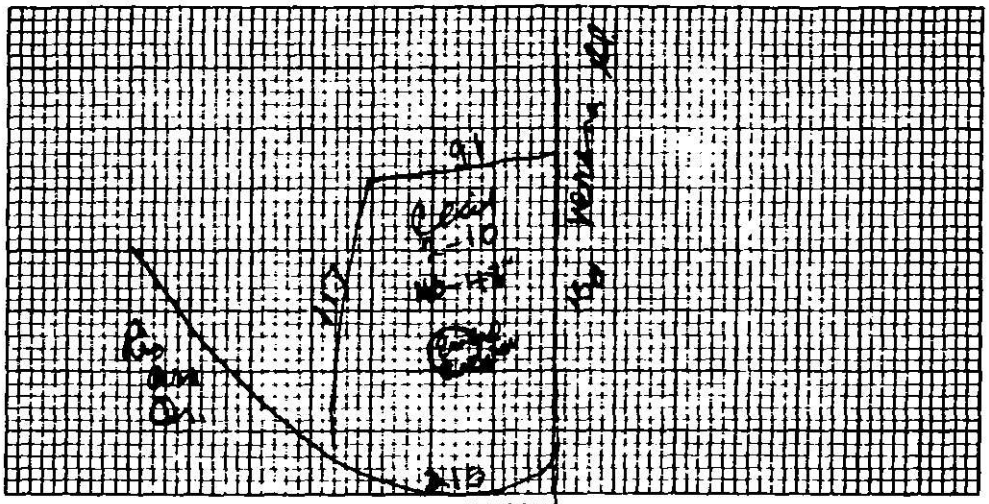
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Lane, (LAST) Kenneth (FIRST) G. (MIDDLE)

ADDRESS OF OWNER 1958 Garibaldi Ave., Charlotte, NC ZIP 28208

LOCATION OF PROPERTY Rio Oro Drive (STREET OR COUNTY ROAD)

SUBDIVISION Bahia Bay LOT NO. 76 & 77 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 _____. 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.

Diana Ramsey
Soil Scientist

Eric D. Hardister Jr.
Environmental Health Director or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20013

T.C. NO. 001-294-11

(Ground Absorption Sewage Disposal)

OWNER: Kenneth Lane
ADDRESS: 1958 Giribaldi Ave 28208

PLAT NO:
LOT SIZE: 22950

LOCATION OF SITE: Rio one Drive & Verano pl.

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 Clayey	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 40-45	S PS U 20"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS U None	S PS U None	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS U Adequate	S PS U Adequate	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IVa	IVa		
9. SITE CLASSIFICATION	P. suitable	Unsuitable		
10. SOIL SERIES	Cecil	Eroded Cecil		

S - Suitable PS - Provisionally Suitable U - Unsuitable

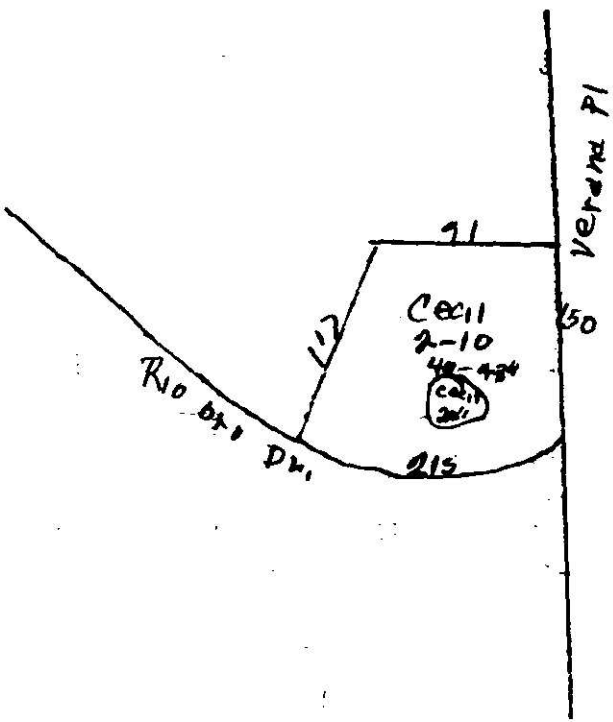
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W.B. Ramsey
Title: Soil Scientist

Date: 9-13-83

GND 530 (Revised: 6/82)


Verona Pl
71
112
Cecil
2-10
150
215

Date Received 1-6-84

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH RECEIVED JAN 6 1984

RECEIVED JAN 6 1984 ENVIRONMENTAL HEALTH

CAR(S) Application No. 20013

T. C. No. PO 001-29411

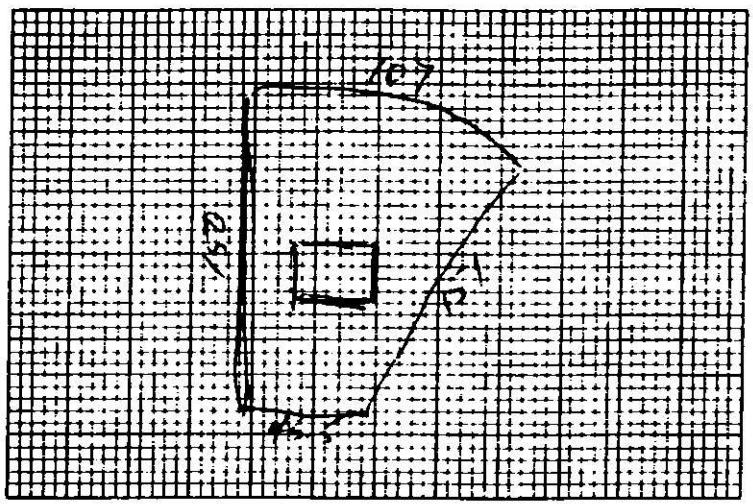
Map Date _____

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)

Mobile Home ___ Yes ___ No
Residence X Yes ___ No

4) No of Bedrooms 3

5) Business Use — Max No Employees _____

6) Washing Machine X Yes ___ No

7) Garbage Disposal ___ Yes X No

8) Dishwasher X Yes ___ No

9) Water Supply:
A) Individual Well _____
B) Governmental System _____
C) Community System:
1 Well source X
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 BELLIN (LAST) ROBERT (FIRST) JAY (MIDDLE)

14) ADDRESS OF OWNER Rt 2 Box 437G

15) PHONE NO. Home 704 892 3727 Office SAME

16) LOCATION OF SYSTEM 2109 VISCANO RD (STREET OR COUNTY ROAD)

17) SUBDIVISION BAHIA BAY Lot No. 76 Block No. _____

Map Book No. _____ Page No. _____

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

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

20) PTR NUMBER (See Instructions) 20013

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.

JAN 6 1984
DATE OF APPLICATION

Robert Bellin
OWNER

BHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

BEI-13-84

Serial No. 6811

SIR No. 20013

Date Issued 10-4-83

T. C. No. PO 001-294-11

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 Brolin, (LAST) Robert (FIRST) J. (MIDDLE)

ADDRESS OF OWNER Rt. 2, Box 437-G, Huntersville, NC ZIP 28078

LOCATION OF LOT 21409 Verano Road (STREET OR COUNTY ROAD)

SUBDIVISION Bahia Bay LOT NO 76 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 20013. 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 ***

Ralph Mills
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

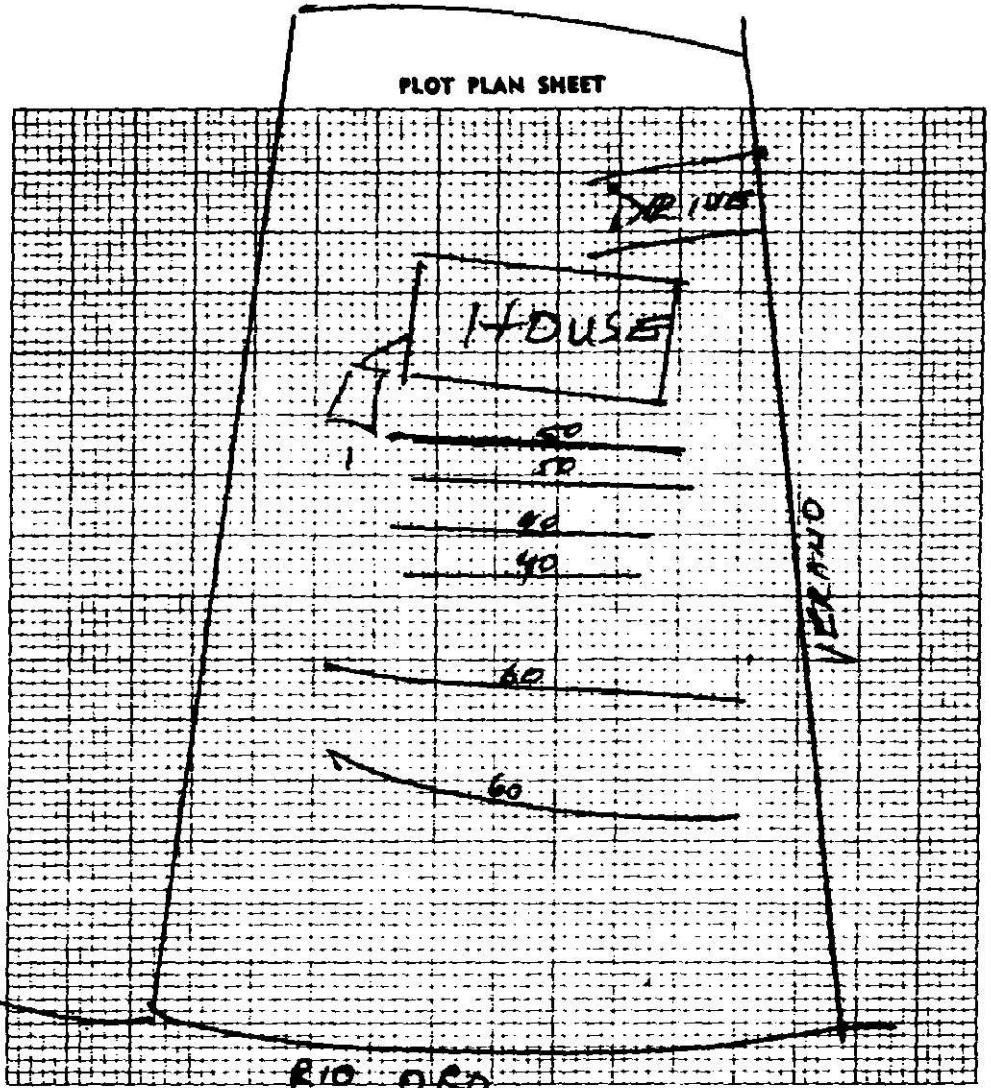
Environmental Health Department's Copy

Date Issued 1-13-84 C of A (s) No. 2001

T. C. No.

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

PLOT PLAN SHEET



OR USE BED SYSTEM w/ 1 1/2 TIMES STONE

EQUALIZE DISTRIBATION WITH 50 FT LINES & 10 FT. RS around & 40 FT LINES w/ 20 FT RS -

PLOT PLAN

ACCURATE DIAGRAM OF SYSTEM AS INSTALLED

21409 ROAD

Robert Miller
Environmentalist

EHD-5-76

Environmental Health Department's Copy

Date Issued 3-13 1984

Serial No. 07019

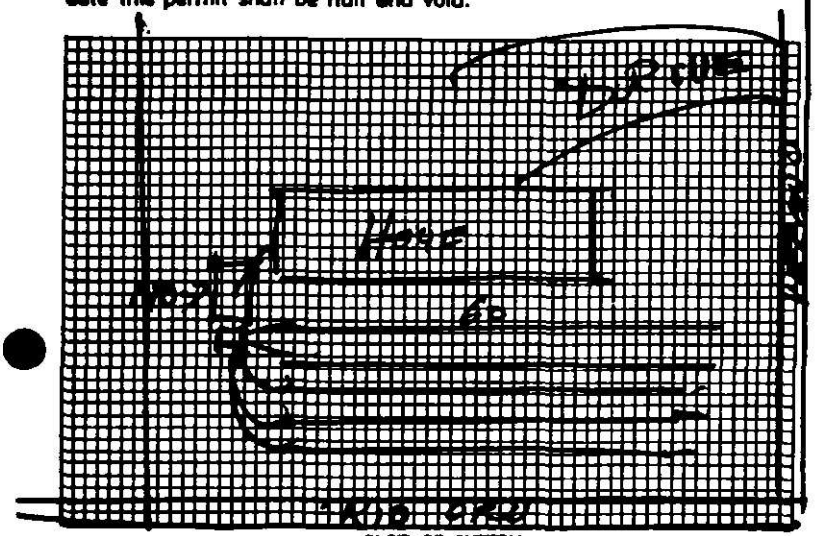
ICAR(S) Permit No. 20013

T. C. No. 001-294-11

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 20013, dated 1-6-84 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 April 15th 1984 after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500 gal

Tank Construction Pre Cast Concrete

Absorption and/or Nitrification Lines:

Total Line Length 300 lin FT

Number of Lines FIVE

Distance from House 5 FT

Distance from Property Line 10 FT

Distance from Well 2250 FT

NAME OF OWNER BROLIN, ROBERT

LOCATION OF PROPERTY 21409 VERANO RD

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.

FIVE Trenches to be 60 FT x 3 FT x 12 inches - hay or straw Cover grade Bds

Comments: _____

B. Hardister
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.

BHD-5-76

Environmental Health Department's Copy

C of A (s) No. 20013-X

Date Issued 3-20-84 Serial 6474

T. C. No. 001-294-11

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 BROLIN, ROBERT
LAST FIRST MIDDLE

Location of Property 21409 VERANO ROAD

Application Number 20013 Permit Number 20013

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material Pre Cast Concrete

Total Length of Drain Tile 300 lin FT Number of Lines FIVE

Depth of Filter Material 12 inches Cover Depth 1 FT & 2FT

Water Supply Source well Distance from Water Source 2250 FT

Excavation Inspected 3-20-84 DATE Tank Inspected 3-20-84 DATE

Nitrification Field Inspected 3-20-84 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 ~~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

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Date Received 9-7-83

RECEIVED
SEP 7 1983
ENVIRONMENTAL HEALTH

SIR No. 20013
T. C. No. 001-294-11
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER LANE (LAST) KENNETH (FIRST) G. (MIDDLE)

2) ADDRESS OF OWNER 1958 Hawkesbury Ave, Charlotte, N.C. ZIP 28208

3) PHONE NO. Home 3996463 Office N.H. Realty 5522393

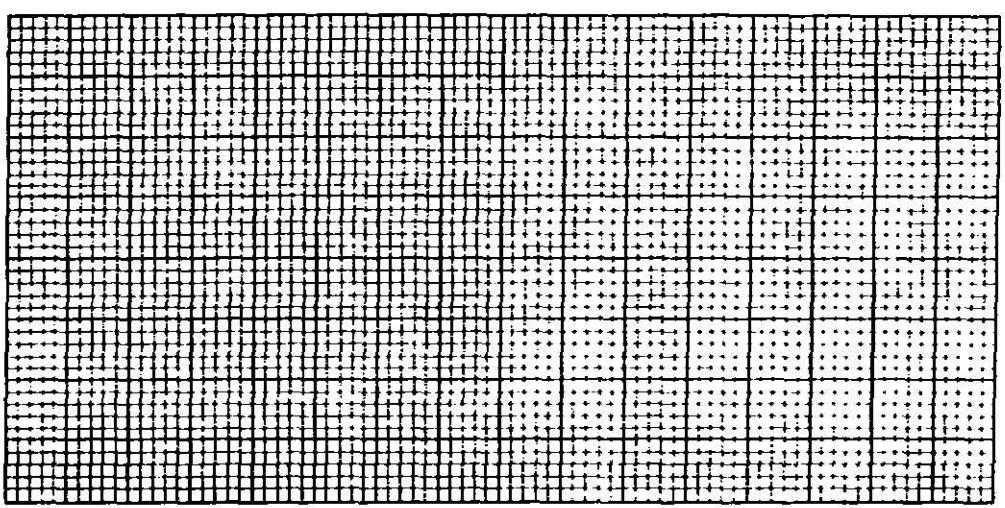
4) LOCATION OF PROPERTY Rea Acres Drive Lake Norman (STREET OR COUNTY ROAD)

5) SUBDIVISION Bahia Bay LOT NO. 76+77 BLOCK NO.

MAP BOOK NO. 001 PAGE NO. 294

6) DEED REFERENCE: DEED BOOK 3437 PAGE NO. 567

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

K G Lane
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY