C of A (s) No. 21754

Date Issued 3-7-85 **Serial** 7304 T. C. No. 035-029-06 L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

OPERATION PERMIT

CERTIFICATE OF APPROVAL

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

Name of Owner Gardner (LAST) Graham (FIRST) (MIDDLE)

Location of Property 1144 Watts Dr

Application Number 21754 Permit Number 21754

Inspection Date:

Liquid Capacity of Tank 1500gal Tank Material PVC

Total Length of Drain Tile 600sqft Number of Lines Eight

Depth of Filter Material 12" St no 4" Sand Cover Depth 12"

Water Supply Source Well Distance from Water Source 2100'

Excavation Inspected 3-7-85 (DATE) Tank Inspected 3-7-85 (DATE)

Nitrification Field Inspected 3-7-85 (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 L 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

Environmentalist

EHD-S-76

Date Issued 3-4-85

Serial No. 07924

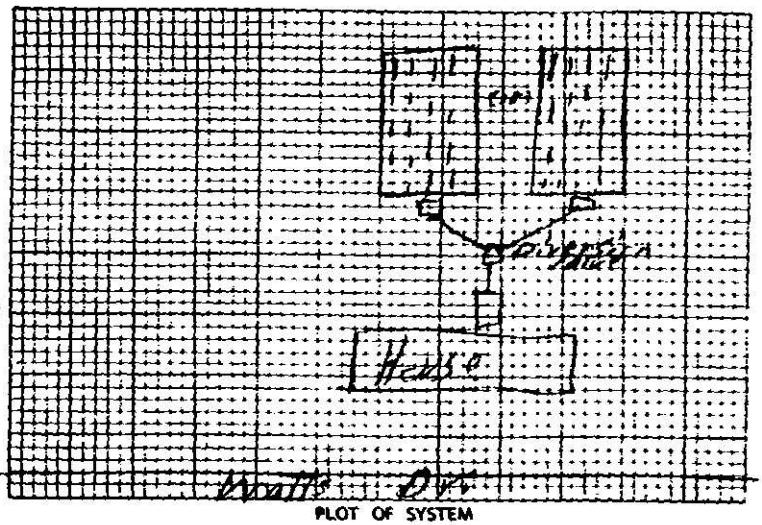
ICAR(S) Permit No. 21754

T. C. No 035-022-06

Map Date 2

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 21754, dated 1-4-85 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 4-4-85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IIIb

Liquid Capacity of Tank 1500

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 180 Lin Ft

Number of Lines 6

Distance from House 5'

Distance from Property Line 10'

Distance from Well 7100'

NAME OF OWNER Gardner, Graham

LOCATION OF PROPERTY 1140 Watts 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, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Two Beds 75' x 12" x 12" Stone 4" Sand, diversion Valve required

Comments: Permit ... 21754 ... System Proposed dated 1-30-85

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 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 Departme... Copy

Date Issued 2-1-85

Serial No. 8156

SIR No. 21754

T. C. No. PO 035-029-06

Map Date L CBJ

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 Gardner, (LAST) Graham (FIRST) Reid (MIDDLE)

ADDRESS OF OWNER 1148 Ravendale Dr., Charlotte, NC ZIP 28216

LOCATION OF LOT 1144 Watts Drive (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. _____ 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 21754. 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.

*** AGREEMENT FORM ON FILE ***

Environmentalist

John R Adkisson

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

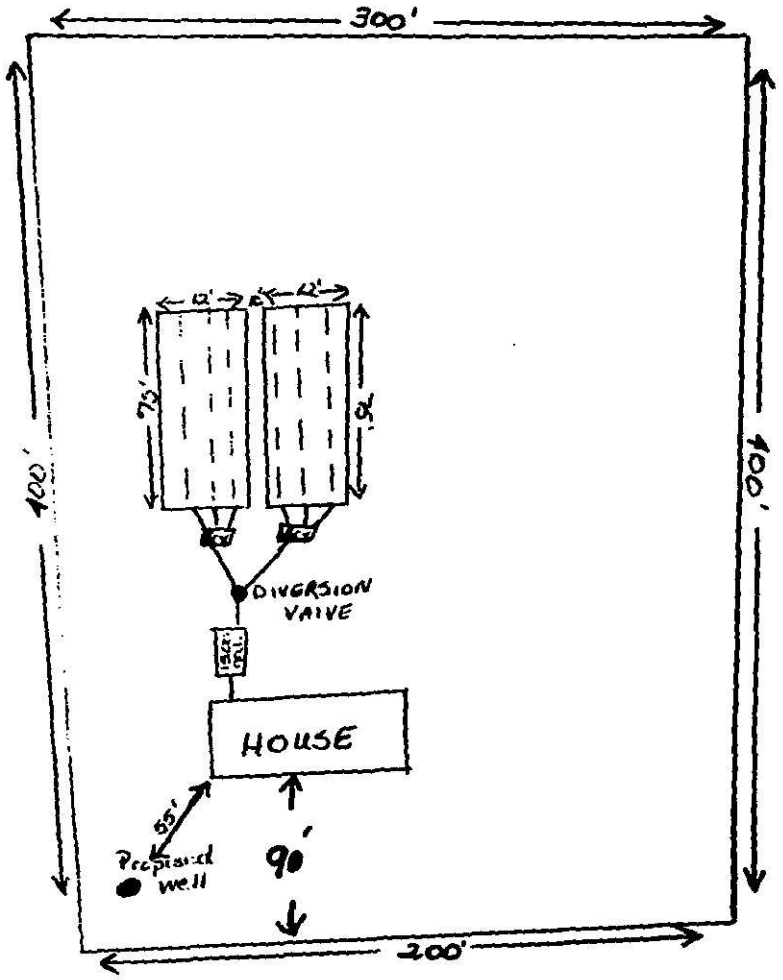
Alternate Septic Tank System

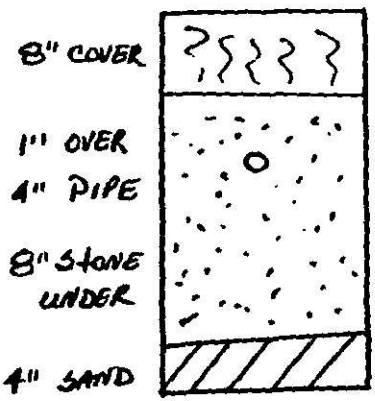
OWNER - Graham R. Gardner
ADDRESS - 1148 Ravendale Dr.
LOCATION - 1144 WATTS Dr.

SIR # 21754
TC # PO 037-029-06
DATE 1-30-85

System - 1500 gal. tank w/ diversion valve, 600 ft. of drain line
2 beds each 75' x 12' ; 4" of sand

Total Bottom Area - 1800 sq. ft
Total Bottom Length - 600 ln. ft.





System designed by:
Bud Lee

Date Received 1-4-84

RECEIVED
ENVIRONMENTAL HEALTH

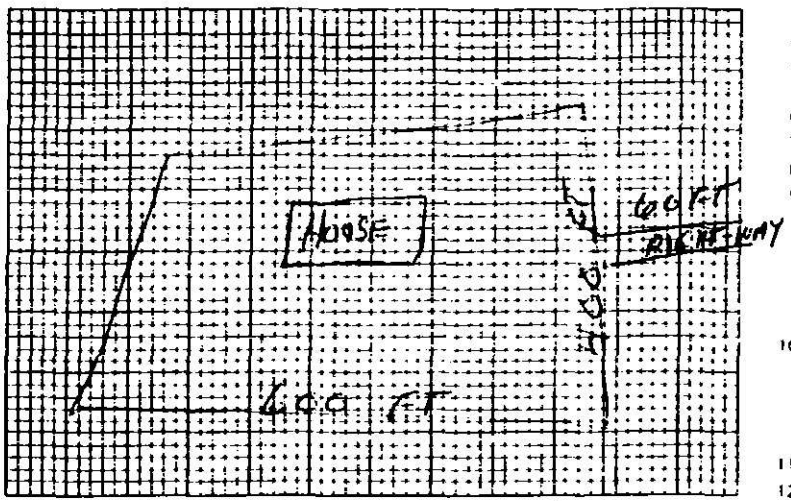
CAR(S) Application No. 21754
PIN No. 035-029-06
Map Date L

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 ✓
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 GARDNER (LAST), GRAHAM (FIRST) REID (MIDDLE)

14) ADDRESS OF OWNER 1145 RAVENDALE DR., CHARLOTTE, N.C.

15) PHONE NO Home 399-5661 Office 554-5510

16) LOCATION OF SYSTEM 1145 RAVENDALE DR. Watts Dr. (STREET OR COUNTY ROAD)

17) SUBDIVISION ____ Lot No. ____ Block No. ____

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.

4 JAN 1985
DATE OF APPLICATION

Graham R. Gardner
OWNER

EHD-5-76

Environmental Health Department's Copy

REAL ESTATE BOOK 4967 PAGE 0858

PRESENTED FOR REGISTRATION
FEB 1 11 12 AM '85
CHARLES E. CROWDER
REGISTER OF DEEDS
MECKLENBURG CO. N.C.

58

FILE NO. 21754

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, GRAHAM REID GARDNER,

owner of property located at 1144 WATTS DRIVE,

("the site") and described in an instrument recorded in Book 2374 at Page 384, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services at 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the names or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 1st day of February, 1985.

Graham Reid Gardner (SEAL)

_____ (SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Marlene Wise, a Notary Public for said County and State, do hereby certify that Graham Reid Gardner personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 1st day of February, 1985.

Marlene Wise
Notary Public

My Commission Expires: 3-15-88

FEE 5.00
<> 5.00
CASH 5.00

15:21 #2944 000
02/01/85

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal and attested by _____.

WITNESS my hand and notarial seal, this _____ day of _____, 1984.

_____
Notary Public

My Commission Expires: _____

REAL ESTATE
BOOK PAGE
4967 0859

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Marlene Wise

a Notary(ies) Public of said County and State
is ~~are~~ certified to be correct. This 1 day of February 19 85
Charles E. Crowder, Register of Deeds, By Mary A. Posey
DEPUTY

FEB 12 1985

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 21754

DATE 1-16-75

Graham R. Gardner
1148 Ravendale Drive
Charlotte, NC 28216

Re: Property located at 1148 Ravendale Drive, TC # PO 037-029-06

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation, showed the site to be classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as UNSUITABLE may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as PROVISIONALLY SUITABLE upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
>
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
>
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

If I may be of any assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

Enclosure

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21754

T.C. NO. PO 037 024 06

(Ground Absorption Sewage Disposal)

OWNER: [illegible]
ADDRESS: 1146 [illegible] Ave
Charlotte, N.C. 28216
LOCATION OF SITE: 1146 [illegible]

PLAT NO:
LOT SIZE: [illegible]

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S 2-10% / PS / U	S / PS / U	S / PS / U	S / PS / U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S / PS 2-1 Clay / U (Clayey)	S / PS / U	S / PS / U	S / PS / U
3. SOIL STRUCTURE (12-36 inches)	S / PS weak [illegible] / U	S / PS / U	S / PS / U	S / PS / U
4. SOIL DEPTH (inches)	S / PS [illegible] / U	S / PS / U	S / PS / U	S / PS / U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S / PS saprolite generally [illegible] / U	S / PS / U	S / PS / U	S / PS / U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S / PS [illegible] / U	S / PS / U	S / PS / U	S / PS / U
7. OTHER (Specify)	S / PS / U	S / PS / U	S / PS / U	S / PS / U

8. SOIL GROUP [illegible]

9. SITE CLASSIFICATION unsuitable

10. SOIL SERIES [illegible]

S - Suitable PS - Provisionally Suitable U - Unsuitable

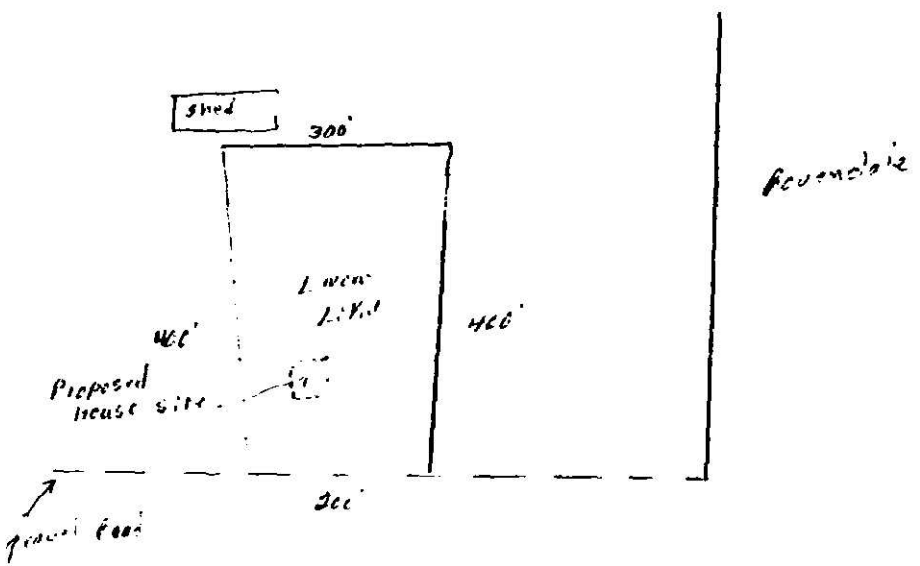
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: [illegible]
Title: Soil Scientist

Date: 1-10-85

24


shed
300'
Lower Level
400'
400'
Proposed house site
200'
Ravendale

Date Received 1-4-84

MECK COUNTY DEPARTMENT OF
RECEIVED
JAN 1985
ENVIRONMENTAL HEALTH

SIR No. 21754

TAX No. 035-029-06

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER GARDNER, GRAHAM REID
(LAST, FIRST, MIDDLE)

2) ADDRESS OF OWNER 1148 RAVENDALE DR. CHARLOTTE ZIP 28216

3) PHONE NO. Home 399-8661 Office 554-8510

4) LOCATION OF PROPERTY 1148 RAVENDALE DRIVE
(STREET OR COUNTY ROAD)

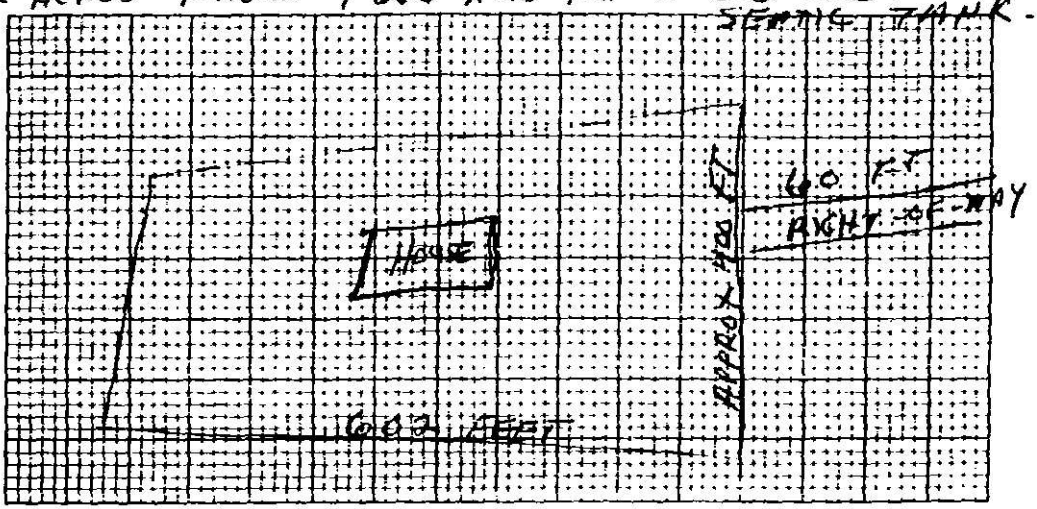
5) SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

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.

NOTE: JIM WALTER WILL BUILD THE HOUSE - THEY WILL SURVEY 2 ACRES FROM 7.66 ACRE TRACK. BUD LEE WILL INSTALL SEPTIC TANK.



7) ACCURATELY DIAGRAM & DIMENSION LOT

Graham R. Gardner
OWNER

EHD-5-76

Environmental Health Department's Copy