Date Received 9/16/77

APT No. 13777 ~~13771~~

T. C. No. 031-013-04

Map Date 8-9-77

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER [illegible] (LAST) [illegible] (FIRST) E (MIDDLE)

2) ADDRESS OF OWNER [illegible] ZIP [illegible]

3) PHONE NO Home [illegible] Office —

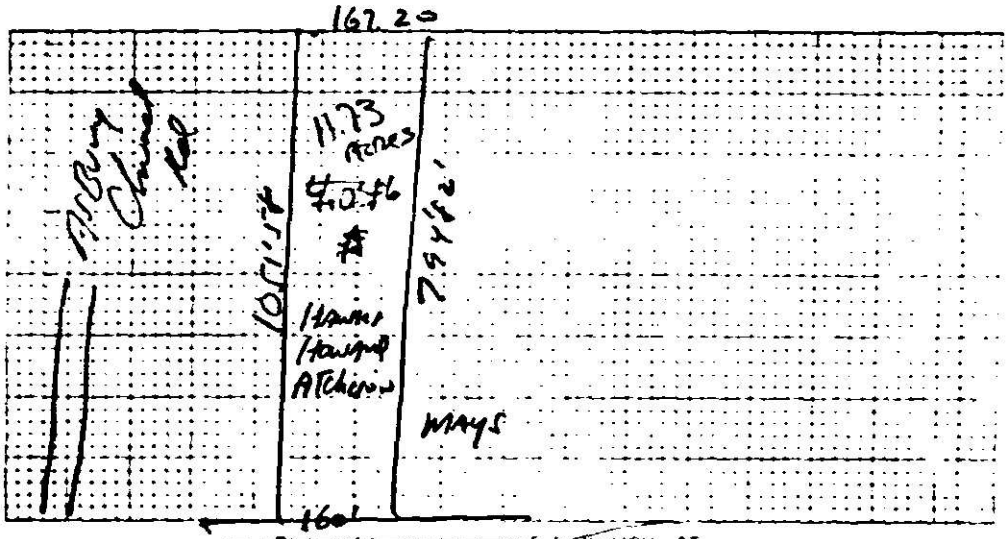
4) LOCATION OF PROPERTY [illegible] (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO _____ BLOCK NO. _____

MAP BOOK NO 395-8 PAGE NO 0316

6) DEED REFERENCE DEED BOOK [illegible] 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



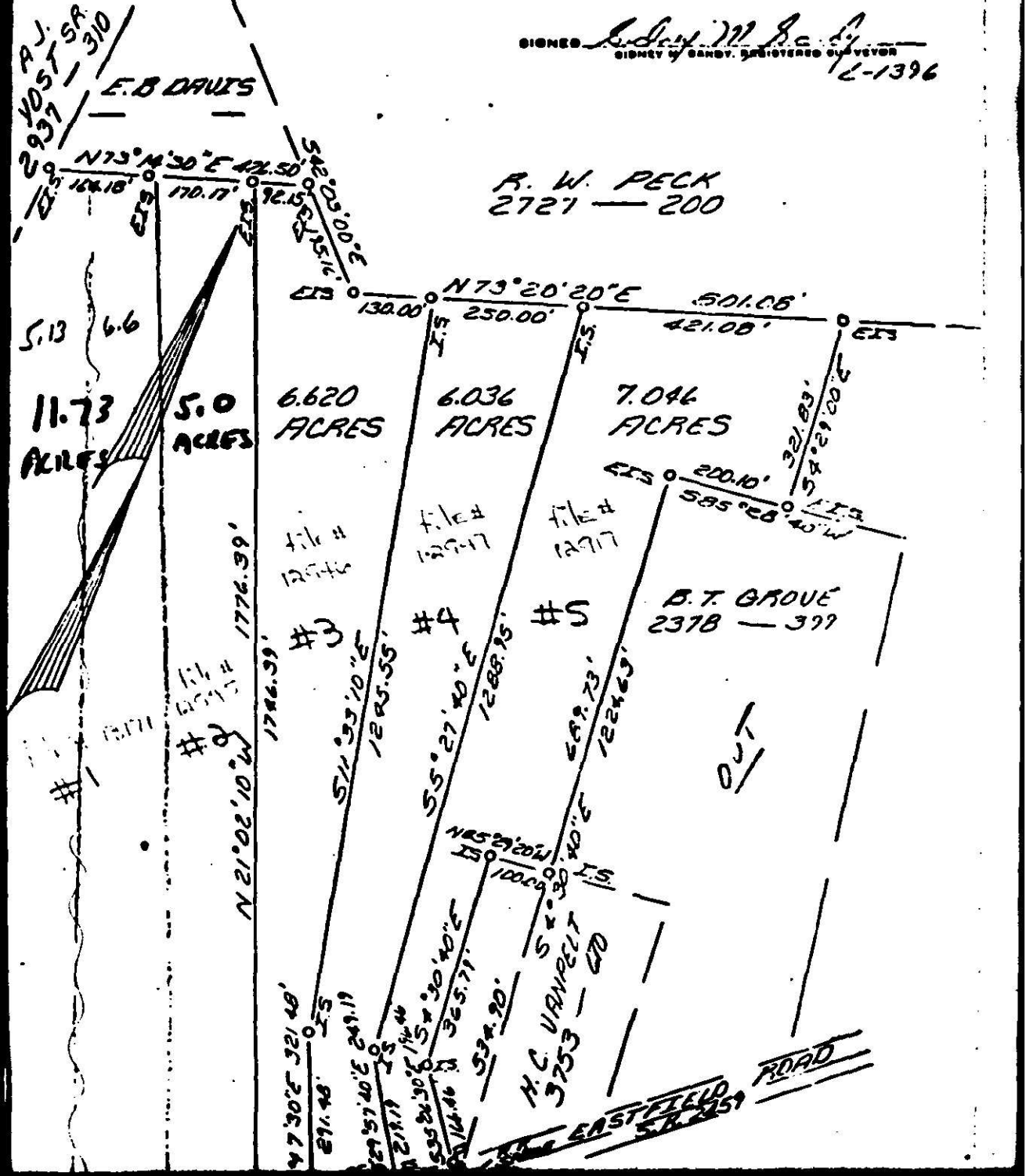
EAST FIELD ROAD

[signature]

Return to:
Environmental Health Department's Copy

THIS IS TO CERTIFY THAT ON THE 11TH DAY OF JUNE 1971 I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON

SIGNED [signature]
SIDNEY M. SANDY, REGISTERED SURVEYOR
L-1396



MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 E. 7TH BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

SIR.NO. ~~13171~~ 13777
T.C. NO. P.O.021-013-04
MAP DATE 8-9-77
DATE 11-10-77

NAME OF OWNER Atchinson, Frank E.

ADDRESS OF OWNER 7525 Briardale Drive, Charlotte, NC 28212

LOCATION OF LOT Eastfield Road

At your request and pursuant to Section .1900 of the North Carolina Administration Code, Title 10, Department of Human Resources 10, Health Services 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system and the following conditions were found:

Soil Structure Massive.

Soil Permeability Unsuitable.

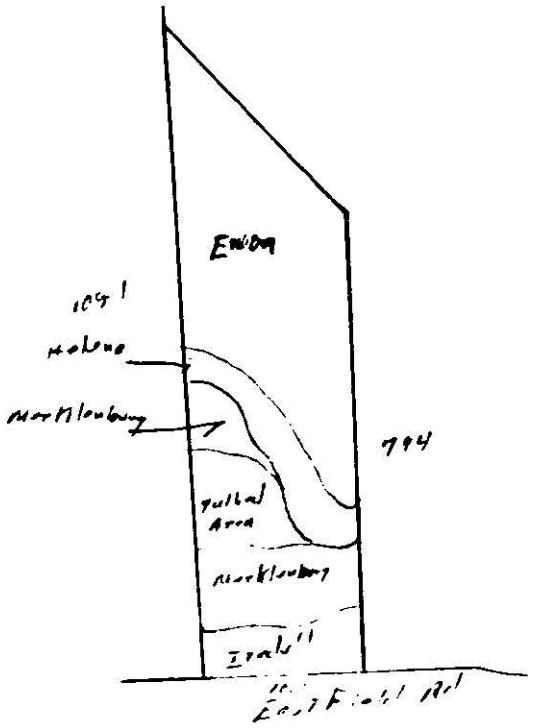
Section 10 of the North Carolina Administration Code 10A, .1908 of these regulations states "Sites originally classified as unsuitable may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local agency that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily".

Section 10. North Carolina Administration Code 10A, .1916, states that "The design, construction, and maintenance of ground absorption sewage systems, whether septic tank systems or alternate systems shall be the reasponsibility of the owner, developer, installer, and user of the system as applicable in the circumstances".

We would also advise you that according to Regulation 10, North Carolina Administration Code 10A, .1916 (b), "Actions of representatives of state or local agencies engaged in the evaluation and determination of measures required to effect compliance with the provisions of this section shall in no way be taken as a guarantee that sewage disposal systems approved and permitted will function in a satisfactory manner for any given period of time or that such employees assume any liability for damages, consequential or direct, which are caused or which may be caused, by a malfunction of such system".

R

Apt 13777



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

APPENDIX H
SITE EVALUATION

13777 See
APT 73171
PO 021-013-04

(Ground Absorption Sewage Disposal)

OWNER: Frank E. Atchison
ADDRESS: 7525 Brainsdale Dr.
COUNTY: Charlotte N.C.
LOCATION OF SITE: Eastfield Rd

DATE REQUESTED:
PLAT NO.:
LOT SIZE: 174,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) 2-6% PS U	(S) 6-15% PS U	(S) PS 2-10% U	(S) 2-6% PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S 2-1 PS Expanding (U) Clay	S 2-1 PS Expanding (U) Clay	S 2-1 PS Expanding (U) Clay	S 2-1 PS Expanding (U) Clay
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S Massive PS (U)	S Massive PS (U)	S Massive PS (U)	S Massive PS (U)
4. SOIL DEPTH (In.)	S <48" PS (U)	S <48" PS (U)	S <48" PS (U)	(S) 48" PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	S <48" PS To Parent (U) Material	S <48" PS To Parent (U) Material	S <48" PS To Parent (U) Material	(S) 48" To PS parent U Material
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	S Perched PS high water (U) Table	(S) 76' To PS ground U water	(S) 76 To PS ground U water	S Beyond PS perched water (U) Table
7. SOIL PERMEABILITY (Percolation Rate)	S PS (U) U Slow	S PS Slow (U) very slow	S slow to PS very (U) slow	S U. PS slow (U)
8. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable	unsuitable	unsuitable	unsuitable
SOIL SERIES	Iredell	Mecklenburg	Enon	Helena

S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments:

Described By: William A Marlin

Title: Soil Scientist Date: 11-4-77

Form 2601 (2/77)
Application

Date Received 3-26-78

ICAR (S) Application No. 1371

T C. No. PO 021-013-04

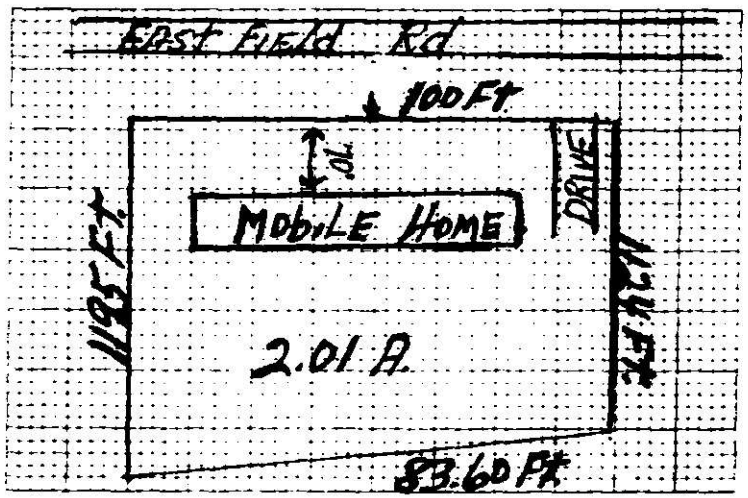
Map Date

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 2
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 Hughes (LAST) Austin (FIRST)
14) ADDRESS OF OWNER PO Box 26121 (STREET OR COUNTY ROAD) Charlotte, NC (MIDDLE) 28213
15) PHONE NO Home 597 9327 Office ___
16) LOCATION OF SYSTEM East Field Rd.
17) SUBDIVISION Graham-Smith Property Lot No. [illegible] Block No. 12
Map Book No 21 Page No. 01
18) DEED REFERENCE — DEED BOOK 3609 AT PAGE 242
19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES NO DATE RUN 11-10-77
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.

3-25-78
DATE OF APPLICATION

Austin Hughes
OWNER

EHD-5-76

Environmental Health Department's Copy

STATE OF NORTH CAROLINA — SEPTIC TANK AGREEMENT

COUNTY OF MECKLENBURG

The undersigned, Austin Hughes & Jacqueline E. Hughes, owner of property located at Eastfield Road (1.22 Acres) ("the site") and described in instrument recorded in Book 4679 at Page 498, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as Unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction 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 damages, consequential or direct, which are caused, or which may be caused, by a malfunction of such system.

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.

And the undersigned further agrees for himself, his heirs and assigns, that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, 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.

And 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 content may require.

This day of , 19 .

COPY

Austin Hughes (Seal)

Jacqueline E. Hughes (Seal)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Ann K. Murphy, a Notary Public for said County and State, do hereby certify that Austin Hughes & wife, Jacqueline E. Hughes, personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 17th day of April, 1978.

Ann K. Murphy
Notary Public

My Commission Expires: 9-1-81

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, , a Notary Public for said County and State, 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 as its .

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

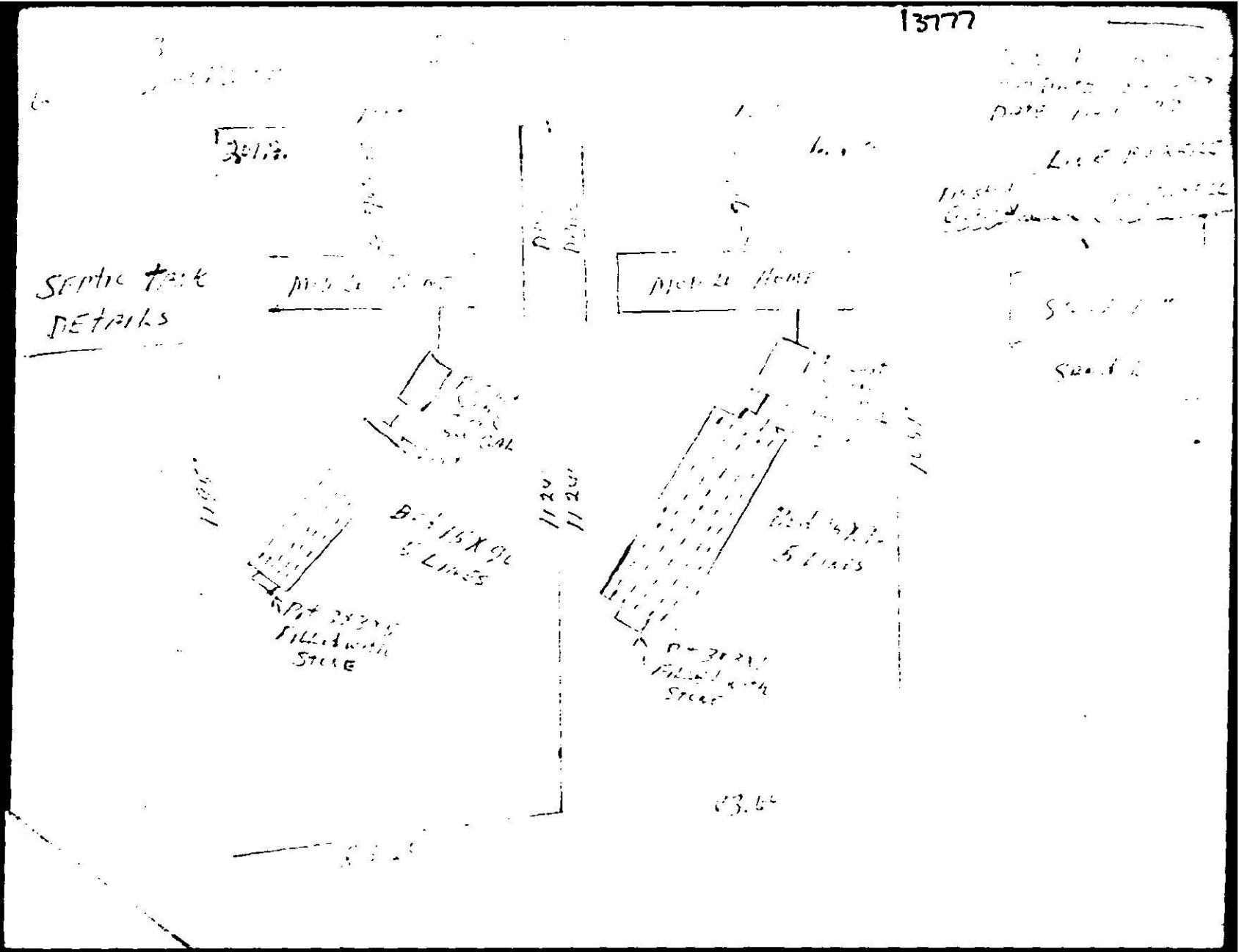
Notary Public

My Commission Expires:

APR 17 1 21 PM '78
CHARLIE R. JOWDER
REGISTER OF DEEDS
MECKLENBURG CO. N.C.

FOR REGISTRATION

13777



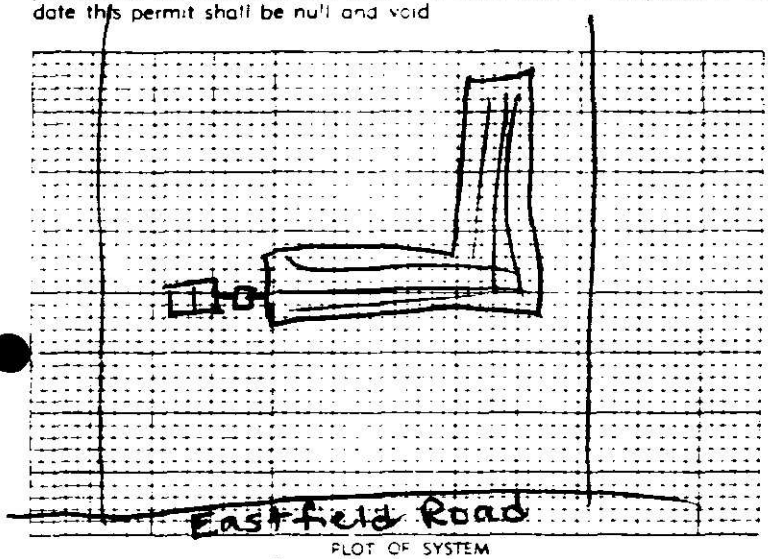
✓ Date Issued 7-10-79 Serial No. 2944 ICAR(S) Permit No. 13777

P.O. T C No 021-013-04

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 13777, dated 3-25-78 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 10-10-79, after which date this permit shall be null and void



PLOT OF SYSTEM

Permeability Rate U

Liquid Capacity of Tank 1500 gallons

Tank Construction p/c

Absorption Bed or Nitrification Line:

Trench Length 450'

Number of Lines 5

Distance from House 10'

Distance from Property Line 10'

Distance from Well >65

NAME OF OWNER Hughes, Austin

LOCATION OF PROPERTY Eastfield Road

The system shall meet all sanitary 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 AUTHORIZED WILL OPERATE PROPERLY OR SUBJECT ANY PERSON NOW OR HEREAFTER OWNING, CONTROLLING OR USING SUCH SYSTEM FROM ANY LIABILITY ARISING FROM THE FAILURE OF THE SYSTEM TO OPERATE PROPERLY.

Comments

15' × 90' × 6" sand + 17" stone

install in accordance with plans on file

Division or Section Head

Michael A. Sexton
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-5-74

Environmental Health Department's Copy

Date Issued 8-13-79 Serial No. 2960 C of A (s) No. 13777 ✓

P.O. T.C. No 021-013 04

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 Hughes (LAST), Austin (FIRST) ____ (MIDDLE)

Location of Property Eastfield Road

Application Number 13777 Permit Number 13777

Inspection Data:

Liquid Capacity of Tank 1500 gallons Tank Material p/c

Total Length of Drain Tile 450' Number of Lines 5

Depth of Filter Material 17" stone + 6" sand Cover Depth 24"

Water Supply Source well Distance from Water Source >65' from neighbors

Excavation Inspected ____ (DATE) Tank Inspected 8-13-79 (DATE)

Nitrification Field Inspected 7-12-79 (DATE)

Washing Machine Line Inspected, If Applicable 7-12-79 (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 Agreement form — extremely poor soils

Michael A. Sexton
Environmentalist

EHD-5-76

Environmental Health Department's Copy