Date Received 6/26/78

APT No. 14236
T. C. No. 211-211-1
Map Date 4-5-78

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Rea (LAST) Ralph (FIRST) W. (MIDDLE)

2) ADDRESS OF OWNER 6913 Elm Lane Matthew, N.C. ZIP 28105

3) PHONE NO. Home 542-3284 Office 523-8054

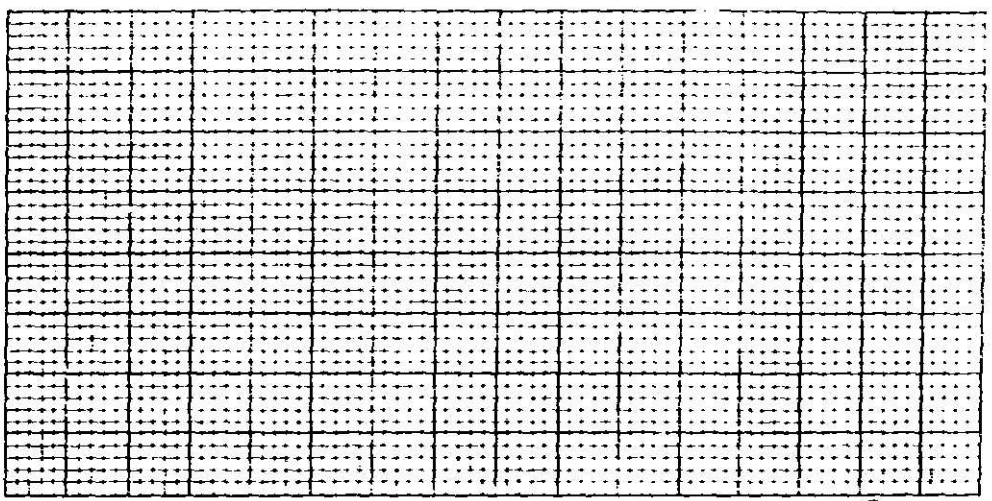
4) LOCATION OF PROPERTY Elm Lane off Highway 251, Meck. County (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO _____ BLOCK NO. _____

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK 3945 PAGE NO. 401

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and on 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

Ralph Rea
OWNER

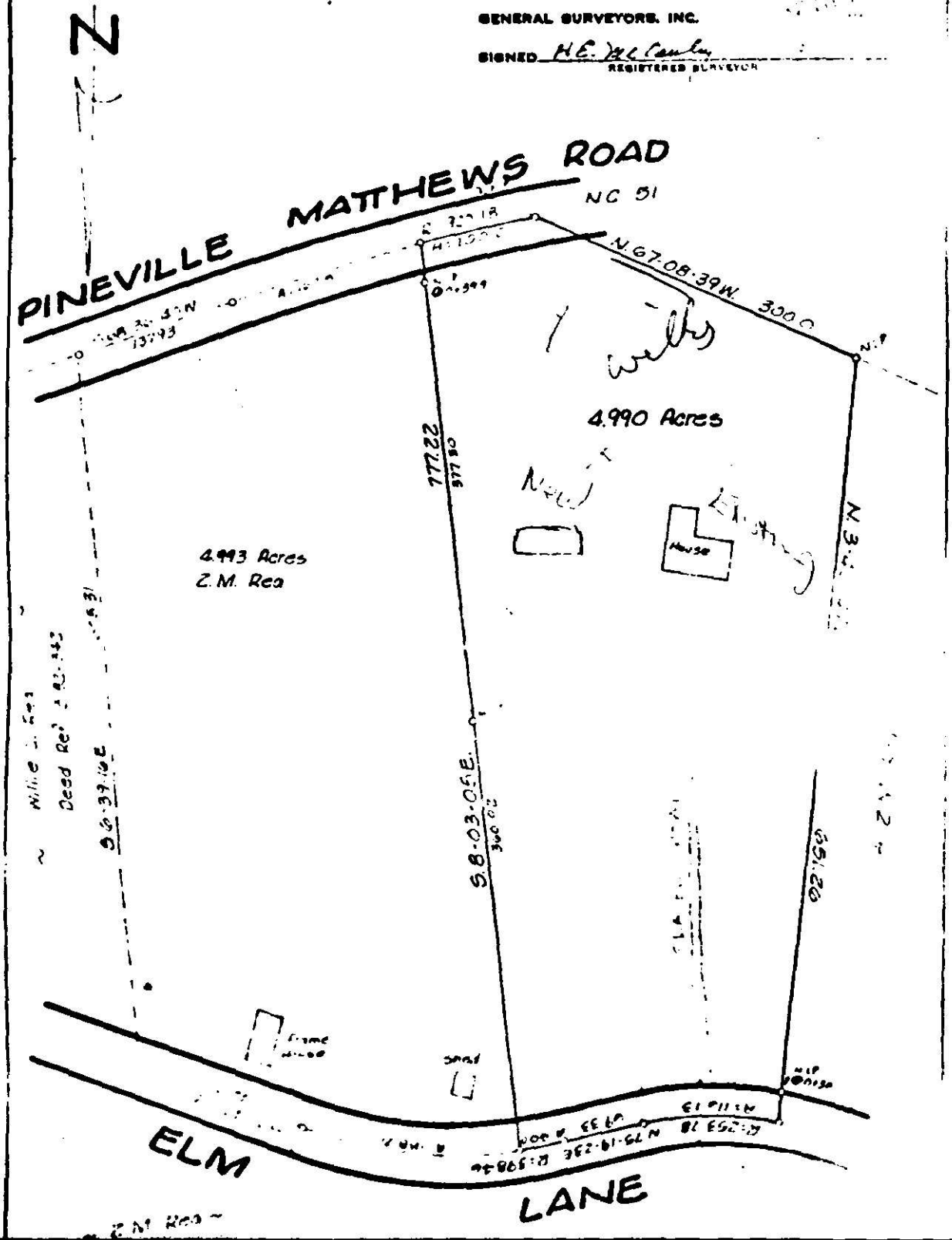
EHB-5-76

Environmental Health Department's Copy

[illegible] PROPERTY SHOWN ON THIS PLAT, AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY, ARE AS SHOWN HEREON.

GENERAL SURVEYORS, INC.

SIGNED H.E. McCauley
REGISTERED SURVEYOR



19236

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

APPENDIX H
SITE EVALUATION

(Ground Absorption Sewage Disposal)

OWNER: Ralph W. Rea
ADDRESS: 6913 Elm Ln. 28105
COUNTY: Mck
LOCATION OF SITE: P.O. 211-211-06

DATE REQUESTED: 6/26/78
PLAT NO.:
LOT SIZE: ≈ 215,000 sq ft. P.O.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S Some terracing PS U 15-20%	S PS U	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S Some PS 2:1 U clays	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S Blocky to PS U Massive	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	S PS ≤48" U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	S Saprolite PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	S ≥6' to PS water table U Fair surface	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S PS slow U	S PS U	S PS U	S PS U
8. OTHER (Specify)	S PS area U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Unsuitable			
SOIL SERIES	wilkes			

S - Suitable PS - Provisionally Suitable U - Unsuitable

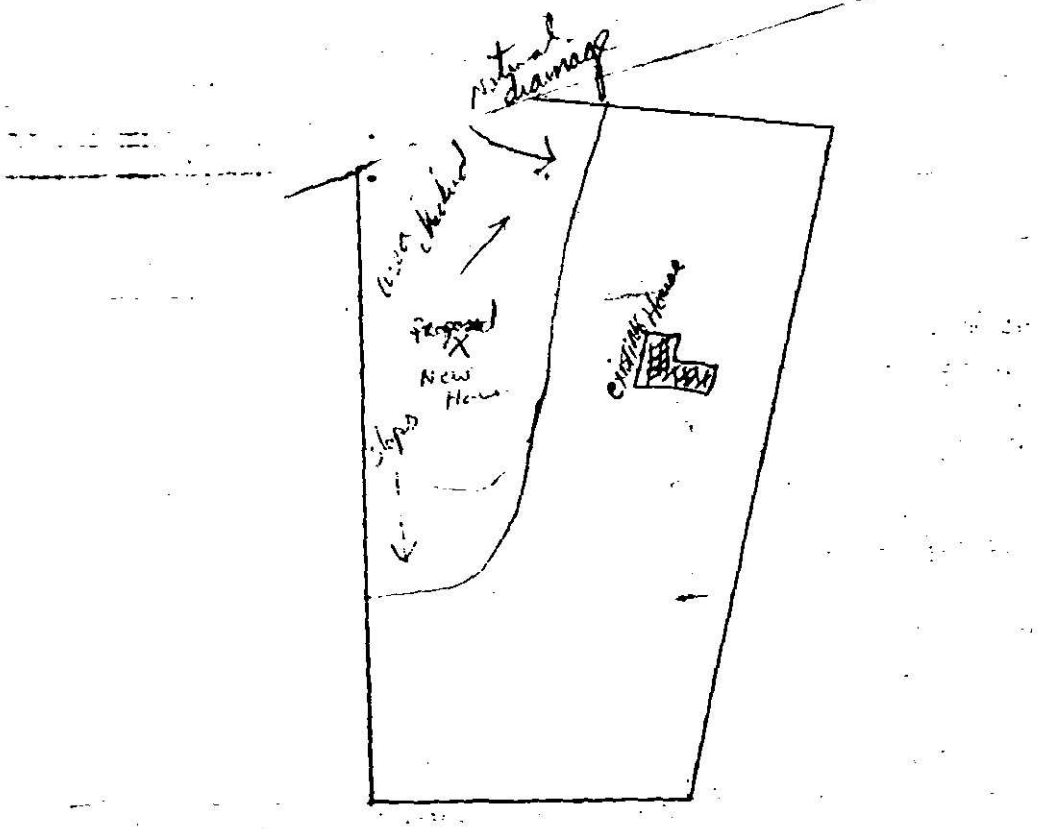
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments:

Described By: Steve Wood

Title: Environmentalist Date: 7/5/78

DHS Form 2601 (2/77)
Sanitation


Natural Drainage
Existing Wetland
Proposed New Home
Existing House

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

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

SIR.NO. 14236
T. C.NO. p.o.211-211-06
MAP DATE
DATE July 5, 1978

NAME OF OWNER Ralph W. Rea

ADDRESS OF OWNER 6913 Elm Lane Matthews, N.C. 28105

LOCATION OF LOT Elm Lane, off Highway 51

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

Soil Structure Massive
Soil Permeability Unsuitable

Section 10 of the North Carolina Administrative Code 10A, .1910 of these regulations states "Sites originally classified as unsuitable may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soils studies indicate to the local agency that a suitable alternate system can reasonably be expected to function satisfactorily.

Section 10, North Carolina Administrative 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 responsibility 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 Administrative 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.

These regulations became effective July 1, 1977. Since that time the second sentence of Section .1910(c) has been found to be nugatory. For this reason, if you desire to file for permission to install an "alternate" system you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

RMD #584

Randy M. Reynolds, Environmentalist
On Premises Waste Disposal Section

SEE INSTRUCTIONS ON BACK

Date Received 9/29/78

ICAR (S) Application No. 14236

T. C. No. 21-211-06

Map Date

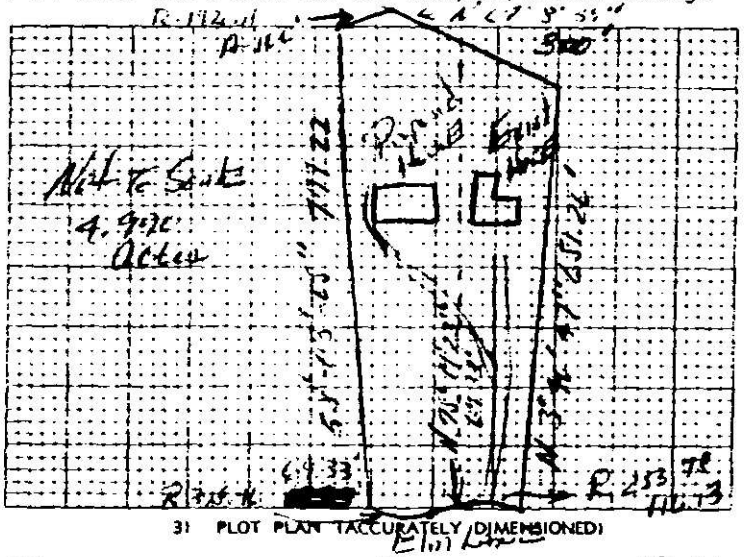
1500
660
10

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 X 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 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 Rea (LAST) Ralph (FIRST) W. (MIDDLE)

14) ADDRESS OF OWNER 6413 Elm Lane, Matthews, N.C. 28105

15) PHONE NO. Home 545-3264 Office 523-8659

16) LOCATION OF SYSTEM Elm Lane, Matthews N.C. (STREET OR COUNTY ROAD)

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

Map Book No. 211 Page No. 21

18) DEED REFERENCE — DEED BOOK 3945 AT PAGE 401

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 7/5/78

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.

9/29/78
DATE OF APPLICATION

Ralph Rea
OWNER

EHD-5-76

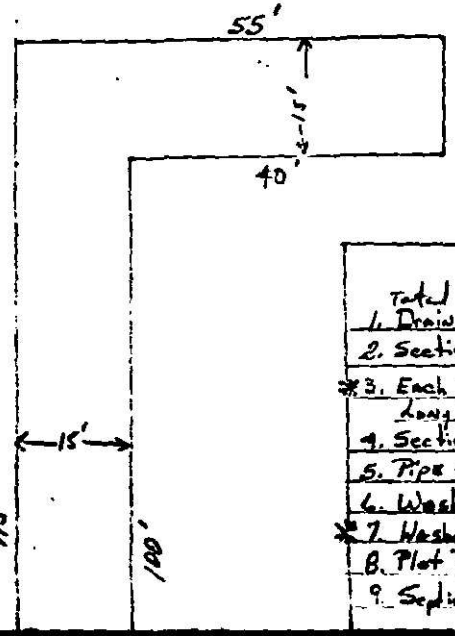
Environmental Health Department's Copy

Alternate System for ....

Ralph W. Rea Property

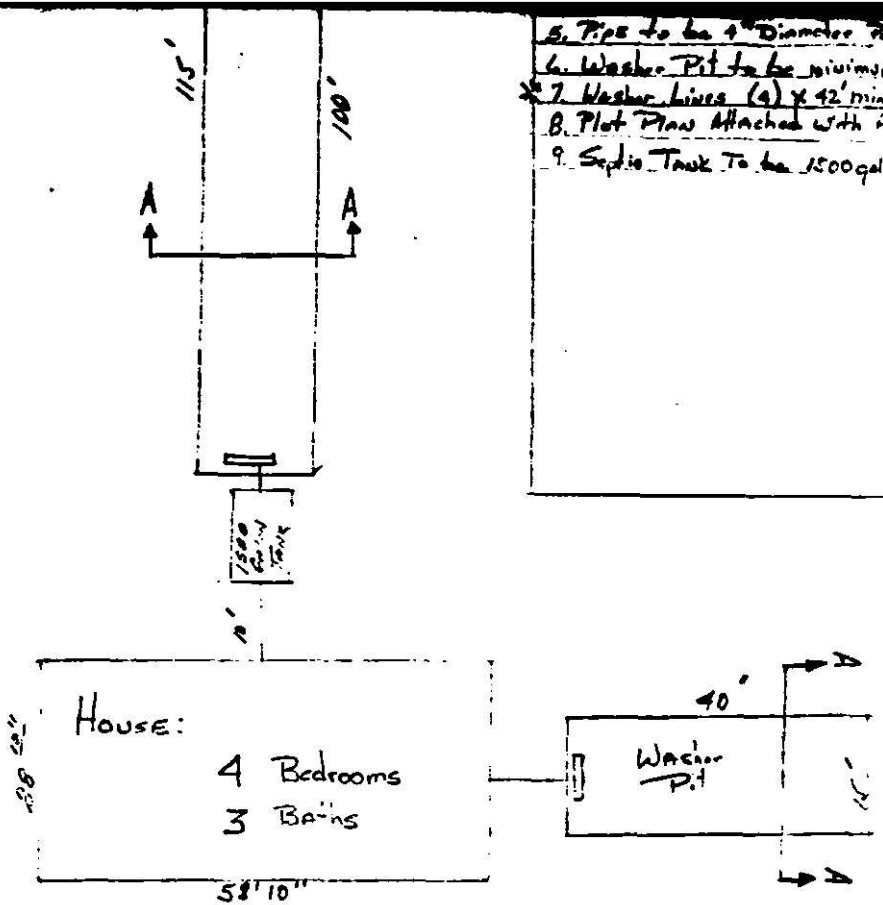
Scale 1" = 20'

6913 Elm Lane
Matthews, N.C. 28105



Specifications

1. Total Drain field to be minimum of 1000
2. Section AA (Attached) shows Dep
3. Each Drain Line will be 3 Long X 4 Lines = Minimum of 66
4. Section AA (attached) Shows Disp
5. Pipe to be 4" Diameter Perfora
6. Washer Pit to be minimum of 100
7. Washer Lines (4) X 42' minimum =
8. Plot Plans Attached with Applic
9. Septic Tank To be 1500 gal minimum

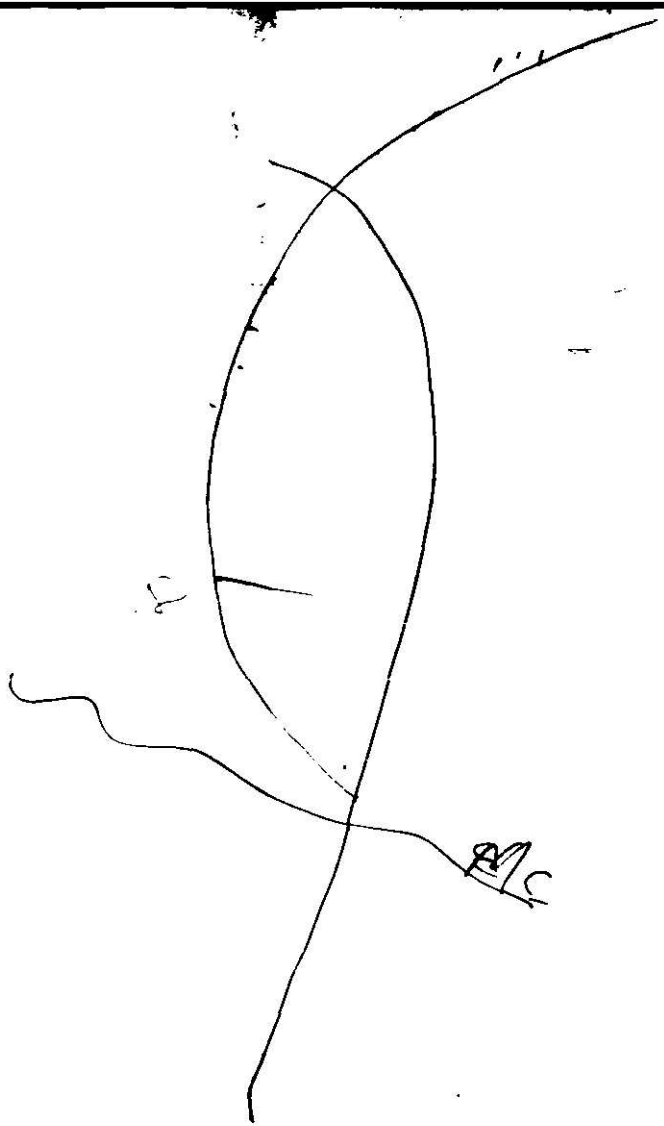


5. Pipe to be 4" Diameter Perforated
6. Washer Pit to be minimum of [illegible]
7. Washer Lines (4) x 42' minimum
8. Plot Plans Attached with Application
9. Septic Tank To be 1500 gal minimum

Submitted: October 3, 1978

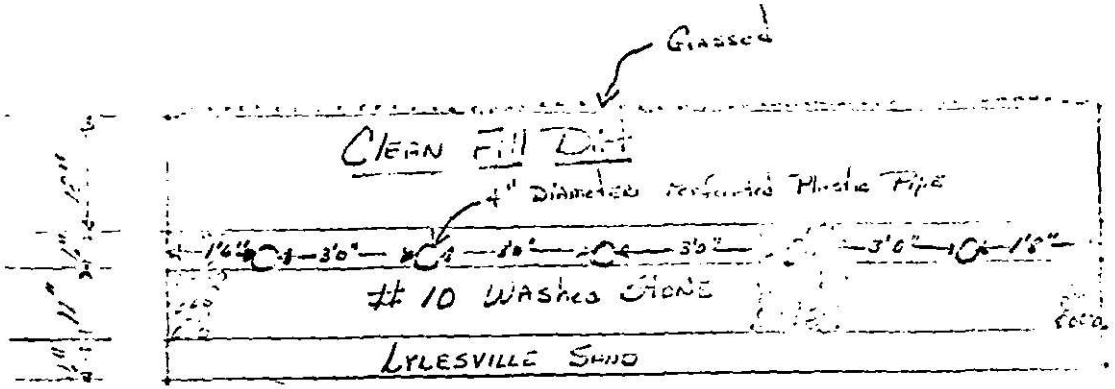
OWNER: Ralph W. Lee

Approved:


C

Apt 14236

SECTION A-A



DRAINFIELD REQUIREMENTS

* Holding & Treatment Tank Size : 1500 Gallons

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

REAL ESTATE
BOOK PAGE

4116 0738

STATE SEPTIC TANK AGREEMENT 14236
REGISTRATION

Oct 13 10 47 AM '78

34

The undersigned, Ralph W. Rea, owner of property located at Elm Lane (Parcel Number: P.O.211-211-06), (hereinafter "site") and described in instrument recorded in Book 3945 at Page 401, 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 name 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 idemnify 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 context may require.

This 9th day of Oct, 1978.

Ralph W. Rea (Seal)

(Seal)

STATE OF NORTH CAROLINA,
COUNTY OF MECKLENBURG

I, Betty Jo Foster, a Notary Public for said County and State, do hereby certify that Ralph W. Rea, personally appeared before me this date and acknowledged the due execution of the foregoing instrument.
WITNESS my hand and notarial seal, this 9th day of October 1978.

Betty Jo Foster
Notary Public
My Commission Expires: 4-6-80

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 _____ as its _____.

WITNESS my hand and notarial seal, this ____ day of _____, 19 ___.

Notary Public
My Commission Expires _____

Drawn By Mail: City County Health Dept. 1200 Blythe Blvd.

REAL ESTATE

BOOK PAGE

4116 0739

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Betty Jo Foster,

a Notary(~~xxx~~) Public of said County and State
is ~~xxx~~ certified to be correct. This 13 day of October, 19 78
Charles E. Crowder, Register of Deeds, By: Deputy

DEPUTY

PRESENTED FOR REGISTRATION
Oct 13 10 47 AM '78
CHARLES E. CROWDER
REGISTER OF DEEDS
MECKLENBURG CO N.C.

1.00
3.00
4.00

OCT 13 1978

Serial No. 2335

Date Issued October 13, 1978

LA No. 14236

T. C. No. P.0.211-211-06

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 Rea (LAST) Ralph (FIRST) W. (MIDDLE)

ADDRESS OF OWNER 6913 Elm Lane, Matthews, NC ZIP 28105

LOCATION OF LOT Elm Lane (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 14236. This approval is subject to the following terms and conditions:

Agreement Forms signed and presented for recording on October 13, 1978

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.

John R Atkinson
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 18 Jan 79

Serial No. 2342

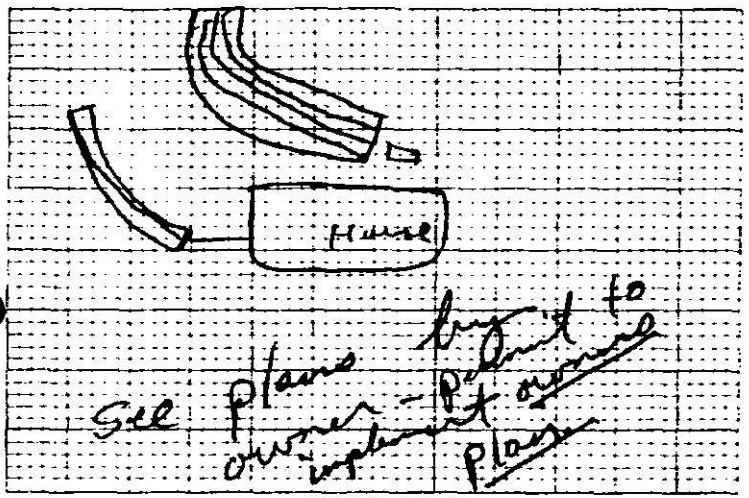
ICAR(S) Permit No. 14236

T C No. 211-211-06

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 14236, dated 9/29/78 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 18 Feb, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate Alternate System Agreement Form

Liquid Capacity of Tank 1500 gal

Tank Construction P.C. Conc.

Absorption and/or Nitrification Lines.

Total Line Length 660' & 168'

Number of Lines 5 & 3 (changed to 4)

Distance from House 10'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Ralph W. Rea

LOCATION OF PROPERTY 6907 Elm Ln West

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.** (9' x 56' x 17' stone x 6" sand)

Comments

(15' x 132' x 17" stone over 6" sand)

Division or Section Head

Steve Wood
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

Date Issued 13 March 1979 Serial No. 2358 C of A (s) No. 14236

T C. No 211-219-01

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 Rea (LAST) Ralph (FIRST) W. (MIDDLE)

Location of Property 6907 Clen Lee West

Application Number 14236 Permit Number 14234

Inspection Data:

Liquid Capacity of Tank 1500 gal Tank Material P.C. Conc.

Total Length of Drain Tile 660' ; 168' Number of Lines 5 ; 4

Depth of Filter Material 17" stone over 6" sand Cover Depth 18-36"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 9 Mar (DATE) Tank Inspected 9 Mar (DATE)

Nitrification Field Inspected 9, 13 Mar (DATE)

Washing Machine Line Inspected, If Applicable 13 Mar (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 Alternate system designed by owner — Agreement forms signed
Soil conditions extremely poor
(* 15'x32' addition added due to narrowing of bed in some places.)

Stephen J. Wood
Environmentalist

EHD-5-76

Environmental Health Department's Copy