APR 11 1983
ENVIRONMENTAL HEALTH

Date Received 4-11-83

SIR No. 19542

T. C. No. 135-191-14

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Thomas (LAST) Walter (FIRST) Crawford (MIDDLE)

2) ADDRESS OF OWNER 5532 Margaret Wallace Rd ZIP 28205

3) PHONE NO. Home 545-5329 Office NCNE

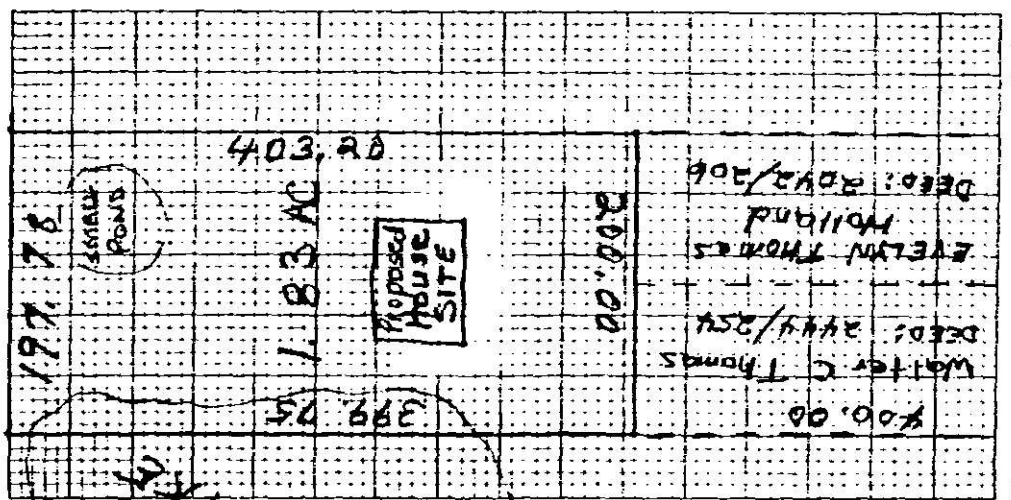
4) LOCATION OF PROPERTY Directly in back of (5532 Margaret Wallace Rd) (STREET OR COUNTY ROAD)

5) SUBDIVISION Mint Hill LOT NO. BLOCK NO.

MAP BOOK NO. PAGE NO.

6) DEED REFERENCE DEED BOOK 3614 PAGE NO. 0657

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

Walter C Thomas
OWNER

EHD-S-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19542

T.C. NO. 135-M1-14

(Ground Absorption Sewage Disposal)

OWNER: Walter Thomas
ADDRESS: 5532 Margaret Wallace Rd 28205
PLAT NO:
LOT SIZE: 2ac

LOCATION OF SITE: In Back of 5532 Margaret Wallace Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 0-2 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 (U) Mixed Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S Weak PS (U) Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 20-35"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S Clay PS Hard Soil (U) 0-18" of Top	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S Slow- PS Swampy (U) Area	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	IV L			
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Helena			

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)

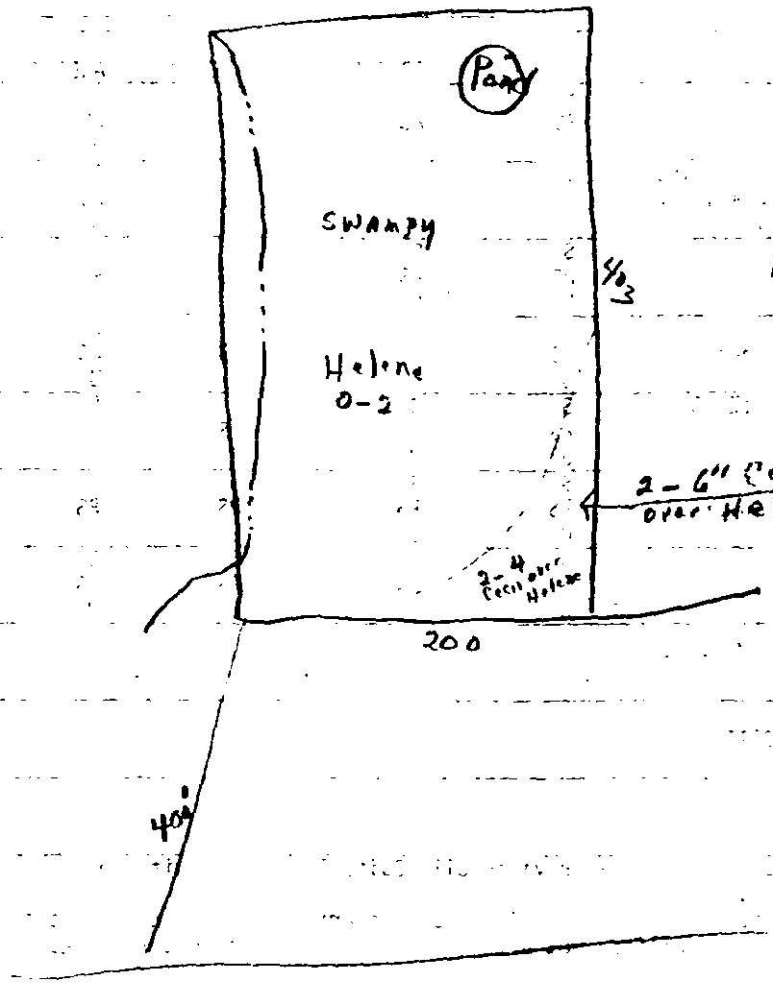
Recommendations/Comments:

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

Date: 4-12-83

EHD 539 (Revised: 6/82)

2/


Park
SWAMPY
Helene
0-2
S/B
2-6" Cecil
over Helene
2-4
Cecil over
Helene
200
40'
Margaret Wallace Rd

MECKLENBURG COUNTY
Department of Environmental Health

February 10, 1986

Walter Thomas
5532 Margaret Wallace Road
Charlotte, N.C. 28205

RE: Property located at 5532 Margaret Wallace Road
FILE: 19542
PARCEL: 135-191-14

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The property was found to contain a limited area of soils which were classified as provisionally suitable for such an installation. A copy of the site evaluation report (Serial No. 10376) is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit an accurately dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. The plan will be reviewed and if it is found that the area of provisionally suitable soils is adequate for the proposed construction, an Improvement Permit will be issued by this Department.

If I may be of assistance, please do not hesitate to contact me.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 19376

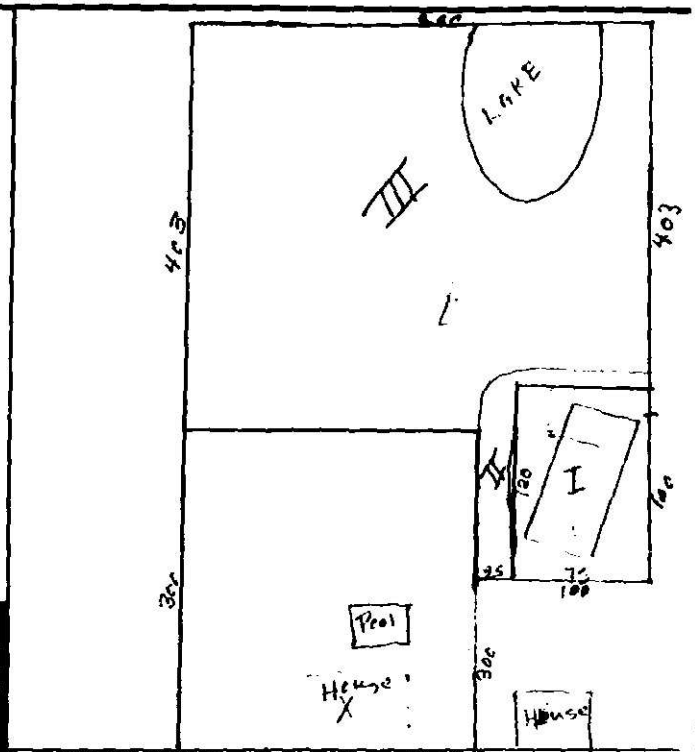
File: 19542 Action 1st
Parcel: 135-191-14 ☐ PC

Location: 5532 Margaret Wallace Road
Subdivision:
Lot: Block: Acres: 2.

Owner: Walter Thomas
Address: 5532 Margaret Wllace Road
Charlotte, N. C. 282 05

Comments: _____

Described by: W. B. Ramsey
Date: 2-7-86



***** EVALUATION KEY *****
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S (PS) U 2-4	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Texture	S (PS) U	S (PS) U	S PS (U)	S PS U	S PS U	S PS U
Structure	S (PS) U	S (PS) U	S PS (U)	S PS U	S PS U	S PS U
Drainage	S (PS) U	S (PS) U	S PS (U)	S PS U	S PS U	S PS U
Depth	S (PS) U 36-45	S PS (U) 20-35"	S PS (U) 25-36	S PS U	S PS U	S PS U
Restrictive Horizons	S PS U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS (U)	S (PS) U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IIa Cecil	IIe Eroded Cecil	IIb Helena			
Area Classification	S (PS) U	S PS (U)	S PS (U)	S PS U	S PS U	S PS U

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

RECEIVED
MECK COUNTY DEPARTMENT OF
FEB 5 1987
ENVIRONMENTAL HEALTH

(OFFICE USE ONLY)
FILE: 19542
TC: 135-191-14
SERIAL: № 12345

X L ☐ CRT

JOB LOCATION

① ADDRESS: 5528 (STREET NO) Margaret Wallace Rd. (STREET) ② FILE: 19542

③ JURISDICTION: Mint Hill ④ TAX PARCEL NO.: 135-191-14

⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: Bernard Jeffery (FIRST) + Sylvia Thomas (MIDDLE) Hinson (LAST)

⑨ MAILING ADDRESS: 5522-A Four Winds Dr.

⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28212

⑬ PHONE: (Alternate) ~~(WORK)~~ 545-5329 ⑭ (HOME) 537-4877 (during day)

REQUEST

This request is for a(n):

⑮ X New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ X Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 3 ㉕ Type?

㉓ Maximum occupancy? 4 ㉖ Maximum number of employees?

㉔ Basement? ☐ yes X no ㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A X Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Sylvia T. Hinson

Date: 2/4/87

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions . . . No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and or Repair permit is issued by this Department.

. . . This permit is not transferable, and shall become null and void 36 months from the date of issuance.

LIFT STATION WILL BE REQUIRED

Kelly Randall (Environmentalist) 2-6-87 Date

Director or Authorized Section Head 2-6-87 Date

*This permit must be signed by the Director of Environmental Health or an authorized section head in order to be valid.

PROPOSED PLOT PLAN

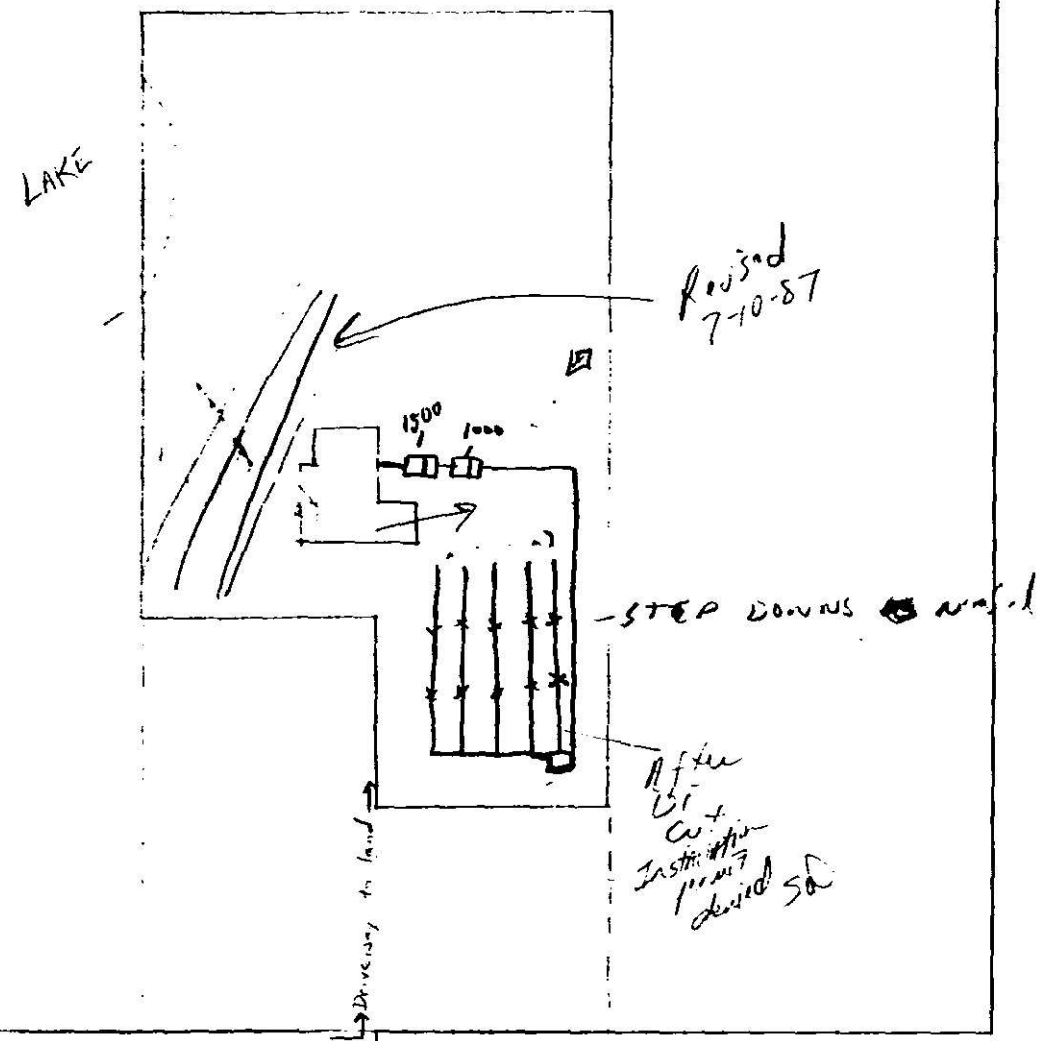
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 14542

TC: 135-191-14

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

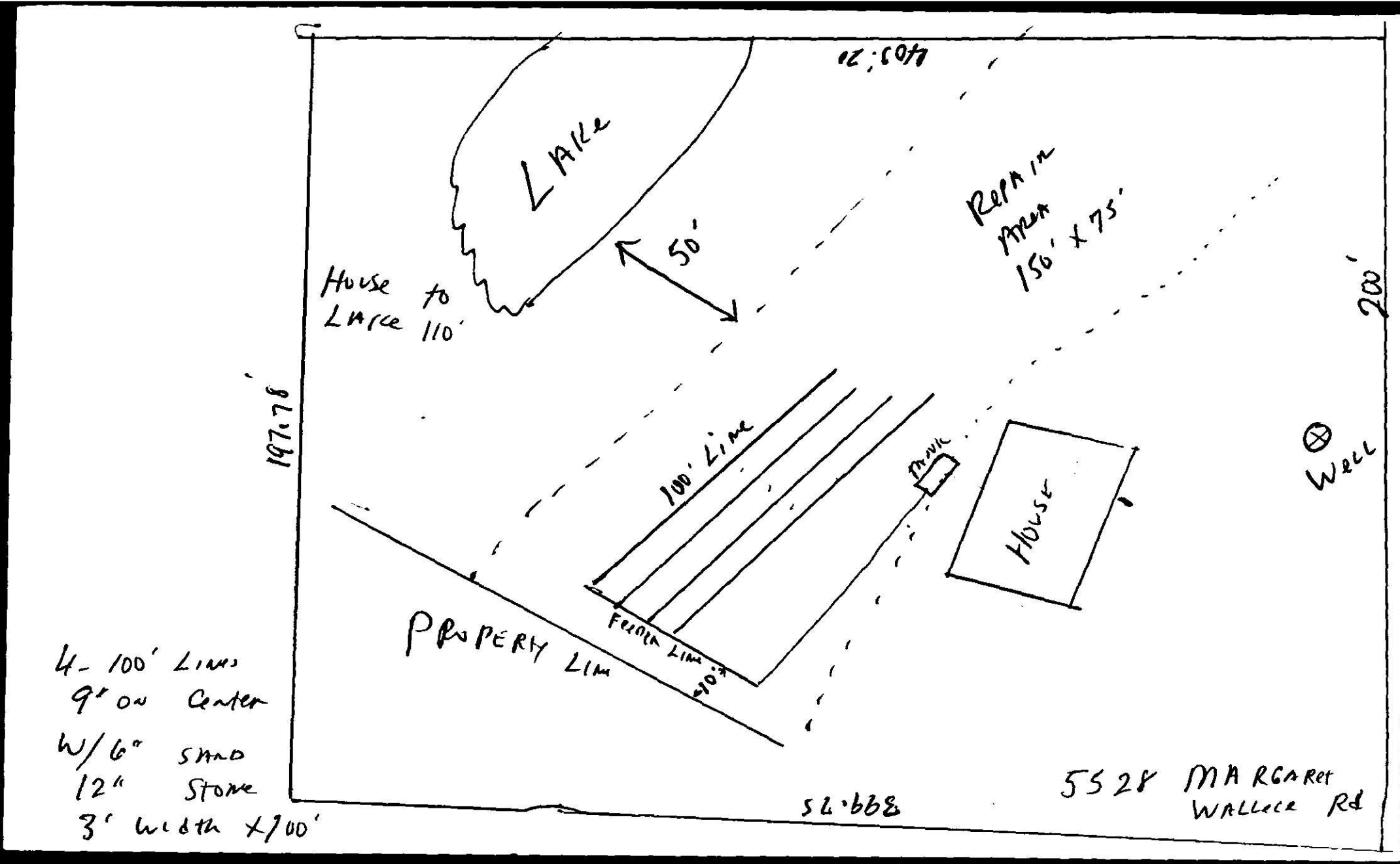
Site: 5528 Margaret Wallace Rd. (BEHIND #5532)



(Margaret Wallace Rd.)

Signed: Sylvia Hanson

Date: 2/4/87


Lake
50'
Repair Area 150' x 75'
House to Lake 110'
100' Line
Fence Line
10'
Property Line
197.78'
399.75'
200'
Well
House
5528 Margaret Wallace Rd
4- 100' Lines 9" on Center
W/ 6" Sand
12" Stone
3' Width x 100'

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

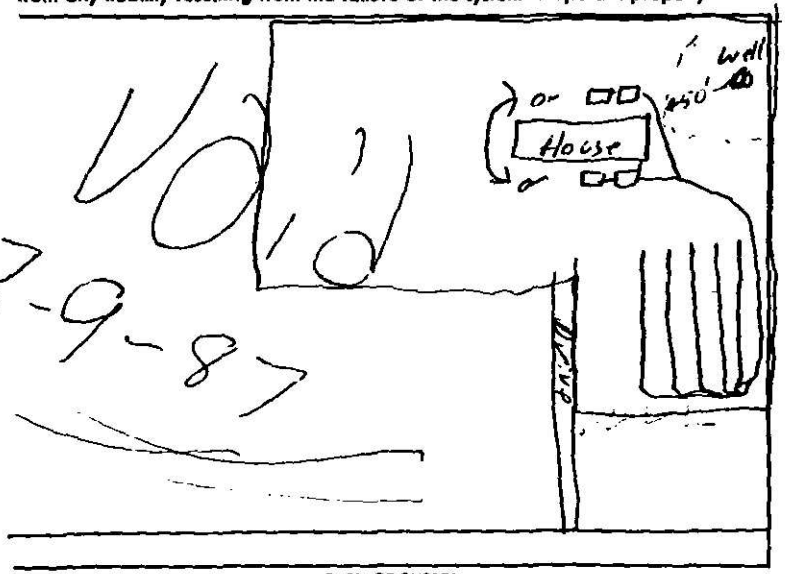
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 19542 DATE: 7-7-87

TC: 135-191-14 ☑ L

SERIAL № 11103

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 the application dated 2-4-87. All work shall be completed on or before 6-7-87, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 400' feet

Number of Lines Five

Depth of Stone 12 inches

Distance from House 15 feet

Distance from Property Line 10 feet

Distance from Well 750' feet

NAME OF OWNER Bernard Sylvia Hinson

LOCATION OF PROPERTY 5528 Margaret Wallace Rd

Comments: Five Trenches 80' X 3' X 12" Stone
Tanks to be placed front or back yard

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 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.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

MECKLENBURG COUNTY
Department of Environmental Health

July 10, 1987

Bernard Jeffery Hinson
5522-A Four Winds Drive
Charlotte, NC 28212

Dear Ms. Hinson:

During a recent visit to 5528 Margaret Wallace Road it was determined that insufficient area of IVa soils now exists to accommodate the required sewage disposal system. This is due to the removal of naturally occurring soil from a portion of the area designated for the drainfield installation. The remaining soil in area I is limited due to the set back requirements from cuts of two feet or more .1950(a)(11) and from property lines .1950(a)(10). This invalidates the Improvement Permit for your property.

The proposed plot plan submitted to this office on July 10, 1987 is disapproved. The system is proposed in an area of unsuitable soils. State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an accurately dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

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

Sincerely,

Jim Ericson, RS

Jim Ericson, R.S.
On Premises Waste Disposal Section

Enclosure (2)

PROPOSED PLOT PLAN

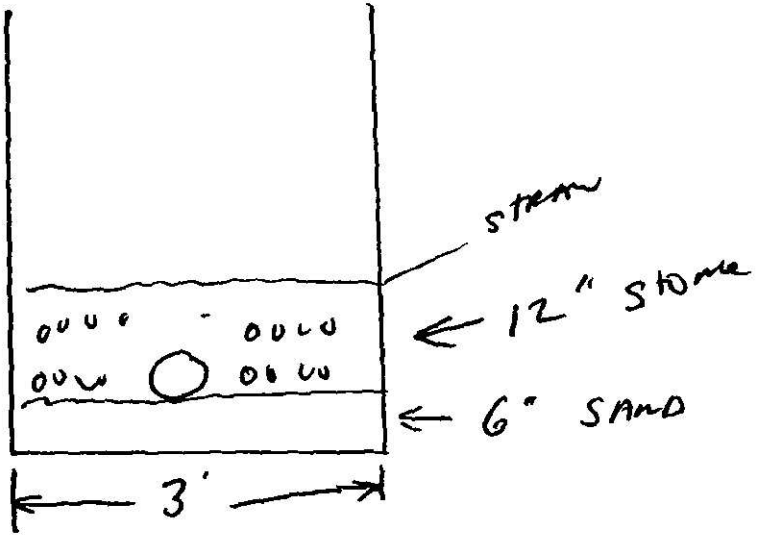


9/7/57

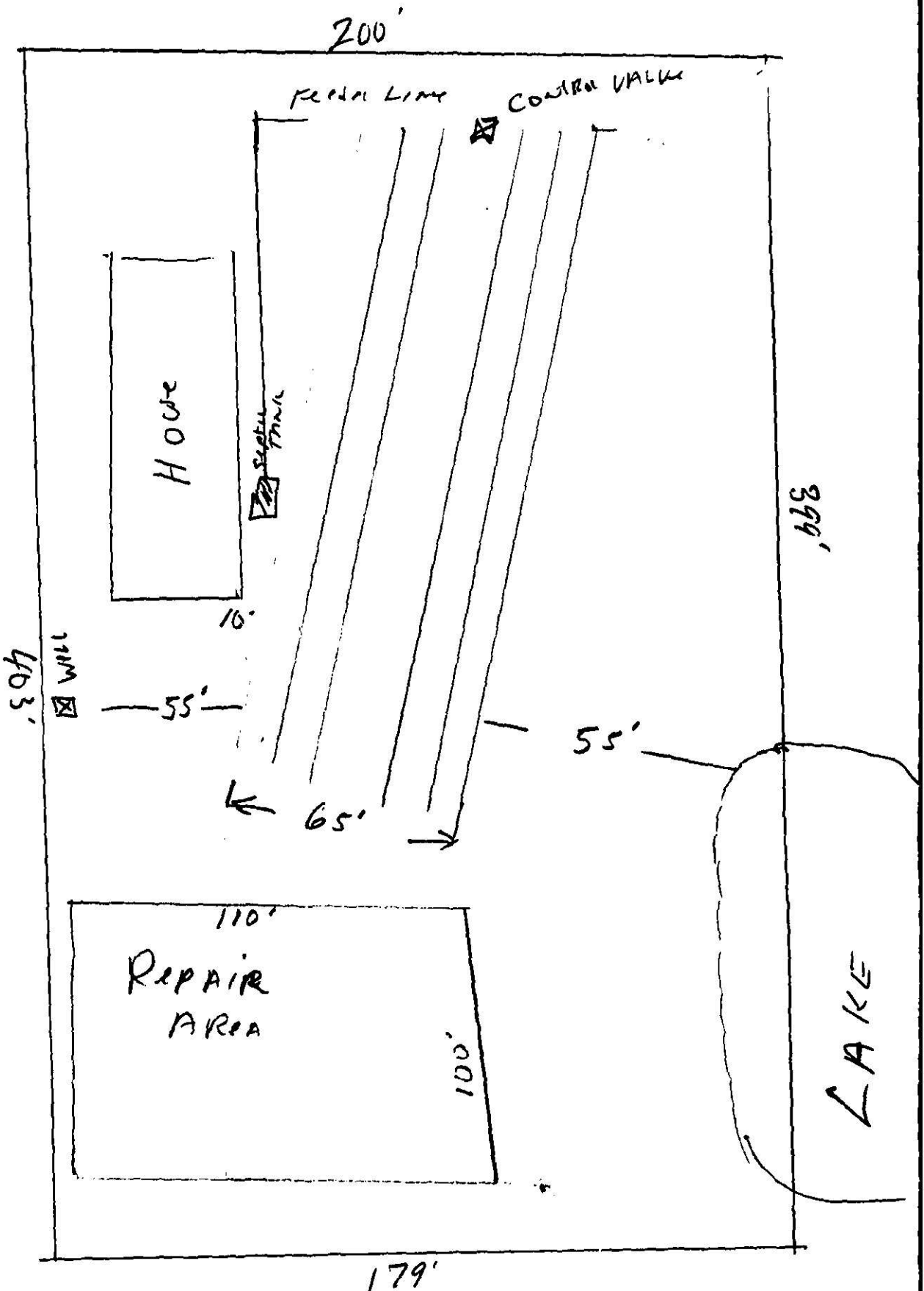
#19542

SPECIFICATION FOR ALTERNATE SYSTEM
5528 MARGARET WALLACE ROAD

6" SAND
12" ROCK OR STONE
600 FEET OF DRAIN LINE 4"
WITH CONTROL VALVE FOR EACH
300'
TRENCH 3' wide
9' APART ON Center


STREAM
12" STONE
6" SAND
3'

55 28 MARCHANT WALLACE ROAD
LAYOUT FOR ALTERNATE SYSTEM



INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

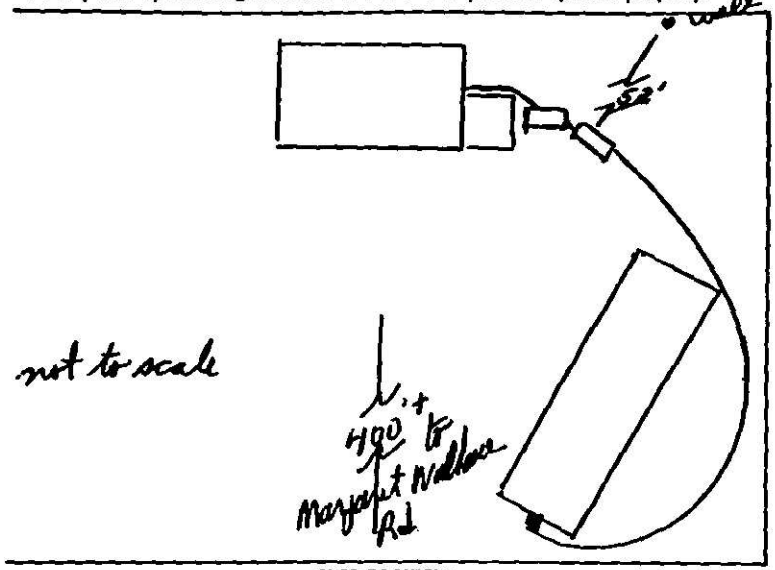
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 19542 DATE: 7/20/82

TC: 135 191 14 01

SERIAL № 11149

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 the application dated 2/4/82. All work shall be completed on or before 1 Aug 1982, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction pre cast

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 400 feet

Number of Lines 5

Depth of Stone 12" inches

Distance from House 10' feet

Distance from Property Line 6' feet

Distance from Well 50' feet

NAME OF OWNER Benard A. Hinson

LOCATION OF PROPERTY 5528 Margaret Wallace Rd

Comments: in trenches 3'x80', 9' on center - remain 15' from driveway cut area - trenches to follow contour of land - set pump cycle for 150 gals.

John R Adkisson
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 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.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

CERTIFICATE OF COMPLETION/OPERATION PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 19542 DATE: 7-24-87
TC: 135-191-14 ☐ L ☑ CRT
SERIAL № 10393

Name of Owner Benard Hinson Juris.:
Address of Property 5528 Margaret Wallace Rd.

Inspection Data:

Tank Material PCL
Total Length of Drainfield 40C
Number of Lines 5 @ 80
Cover Depth 12"
Water Supply Source well
Distance to Water Source 50'
Excavation Inspected 7-24-87
Tank(s) Inspected 7-24-87
Wash Line Inspected —
High Water Alarm Inspected 7-24-87

PLOT

Design: 1987, 1500ST, 1000DT, PI, conv, 12 @ 55FT, 126, Con. 1 CTR#

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☑ installed or constructed ☐ altered or repaired
☑ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☐ Certificate of Completion ☑ Operation Permit

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 document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document 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: System designed for Three bedroom House
System Installed as permitted

Jim Ericsen
Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.