Date Received 5-20-83 MAY 20 1983

ENVIRONMENTAL HEALTH

APT No. 19699 K

T. C. No. 001-041-15

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Belk B. V.

2) ADDRESS OF OWNER 428 Wellworth Realty Co. Ste. 1 Box 390, Davidson, N.C. ZIP 28036

3) PHONE NO. Home _____ Office 892-6606

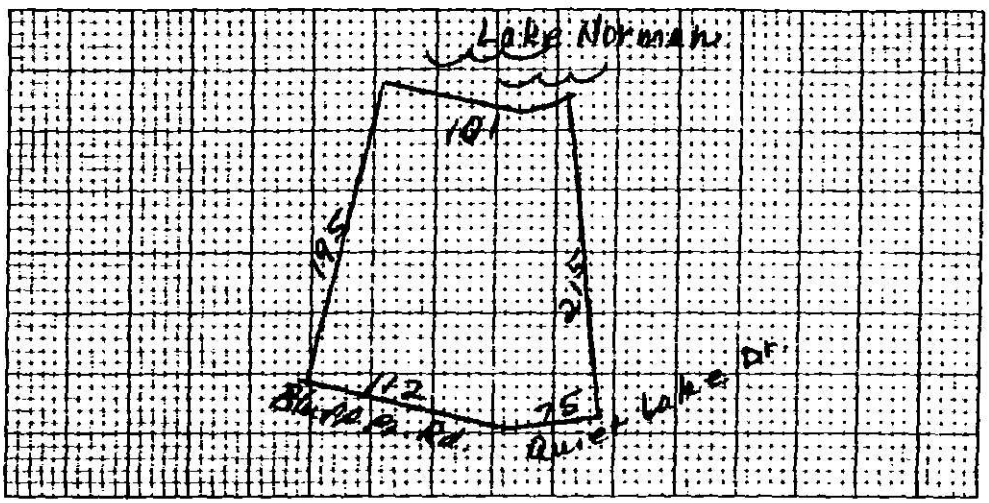
4) LOCATION OF PROPERTY 17601 Quiet Lake Dr. (OFF Bluff Rd.)
STREET OR COUNTY ROAD

5) SUBDIVISION _____ LOT NO. 14 BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

6) DEED REFERENCE: DEED BOOK 3873-[redacted] PAGE NO. 656

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

B V Belk Jr.
OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 5035

SIR No. 19699

T. C. No. 001-041-15

Date Issued 5-27-83

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

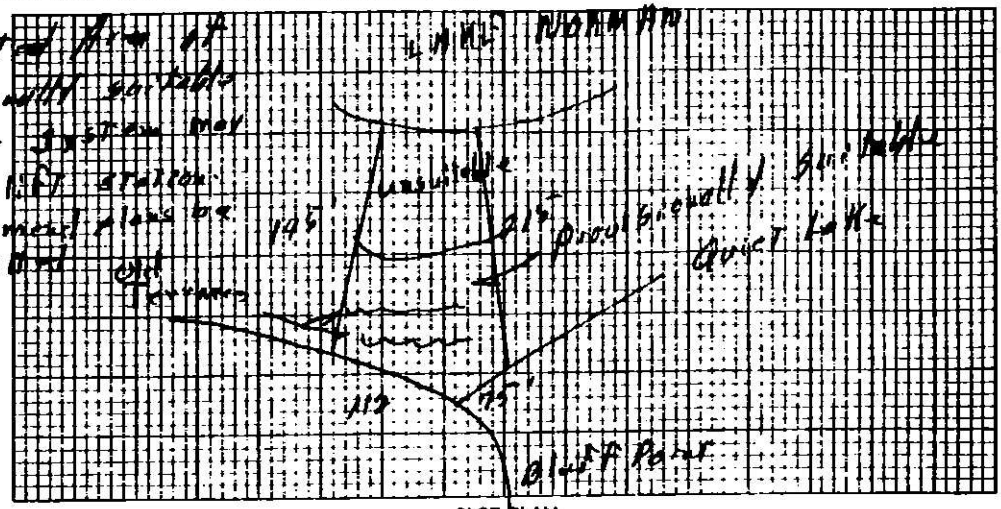
NAME OF OWNER Belk (LAST) % Hellworth Realty B. (FIRST) V. (MIDDLE)

ADDRESS OF OWNER Route 1, Box 390, Davidson, NC ZIP 28036

LOCATION OF PROPERTY Quiet Lake Drive (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. 14 BLOCK NO.

Limited Area of Provisionally Suitable Soils - System must Need Specifications Recommend plans be submitted



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.

William A. Marlin
EHD-5-76 Soil Scientist

John R. Atkisson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19699

T.C. NO. 011-041-15

(Ground Absorption Sewage Disposal)

OWNER: B.H. Reid
ADDRESS: c/o Wellington Realty
P.O. Box 309, Davidson, N.C.
LOCATION OF SITE: [redacted] Lake
Circle Lake

PLAT NO: MT 14
LOT SIZE: Approx 24,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 6-15%	S (PS) U 2-10%	S PS (U) Rounded slopes	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Clay	S PS U —	S (PS) U Clay	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S PS U —	S (PS) U Blocky	S PS U
4. SOIL DEPTH (inches)	S (PS) U 36-40"	S PS U —	S (PS) U 36-39"	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U >36" To saprolite	S PS U —	S (PS) U 36"+ To saprolite	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U >36" To ground water	S PS (U) Depression	S Traverses PS Catch (U) water	S PS U
7. OTHER (Specify)	S PS U See Note	S PS U	S PS U	S PS U
8. SOIL GROUP	IVA	IVA	IVA	
9. SITE CLASSIFICATION	Provisionally suitable	Unsuitable	unsuitable	
10. SOIL SERIES	Cecil Lille	Depression		

S - Suitable PS - Provisionally Suitable U - Unsuitable

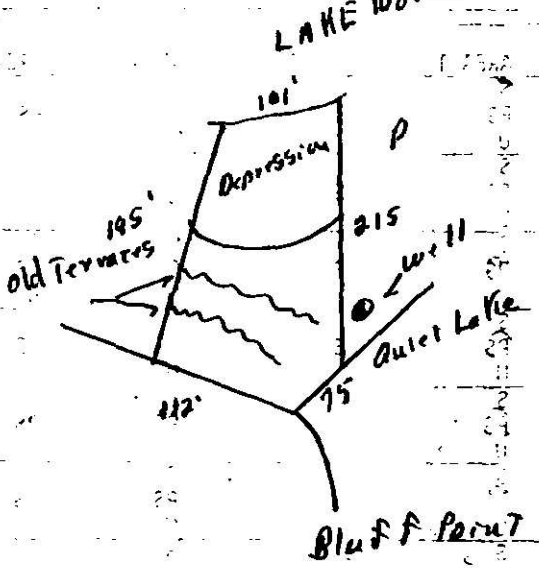
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Somewhat limited area of provisionally suitable soils. System will probably need lift station. Plans to be sealed mitted

Described by: William A. Mullin
Title: Soil Scientist

Date: 5-25-83

EHD 539 (Revised: 6/82)


LAKE Wo
101'
Depression
P
195'
old Terraces
215
well
Quiet Lake
75
Bluff Point

Date Received 7-12-84

RECEIVED
JUL 12 1984
ENVIRONMENTAL HEALTH

CAR(S) Application No. 19699

T. C. No. 001-041-15

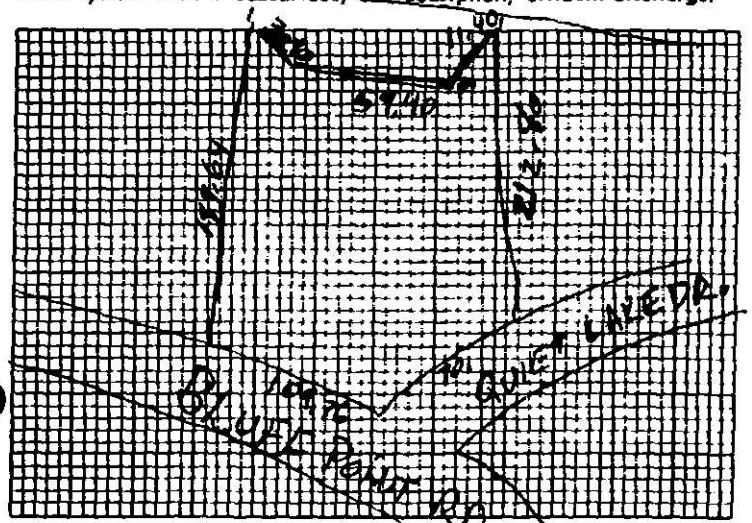
Map Date L

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) 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 X 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 X
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 Mady Construction Company, Inc.
(LAST FIRST MIDDLE)

14) ADDRESS OF OWNER 20347 Walter Henderson Road, Davidson, NC 28036

15) PHONE NO. Home ____ Office 568-7740

16) LOCATION OF SYSTEM 17601 Quiet Lake Drive
(STREET OR COUNTY ROAD)

17) SUBDIVISION Bluff Point Lot No. 14 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 5-27-83

20) PTR NUMBER (See Instructions) 19699

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.

July 11, 1984
DATE OF APPLICATION

OWNER

EHD-S-74

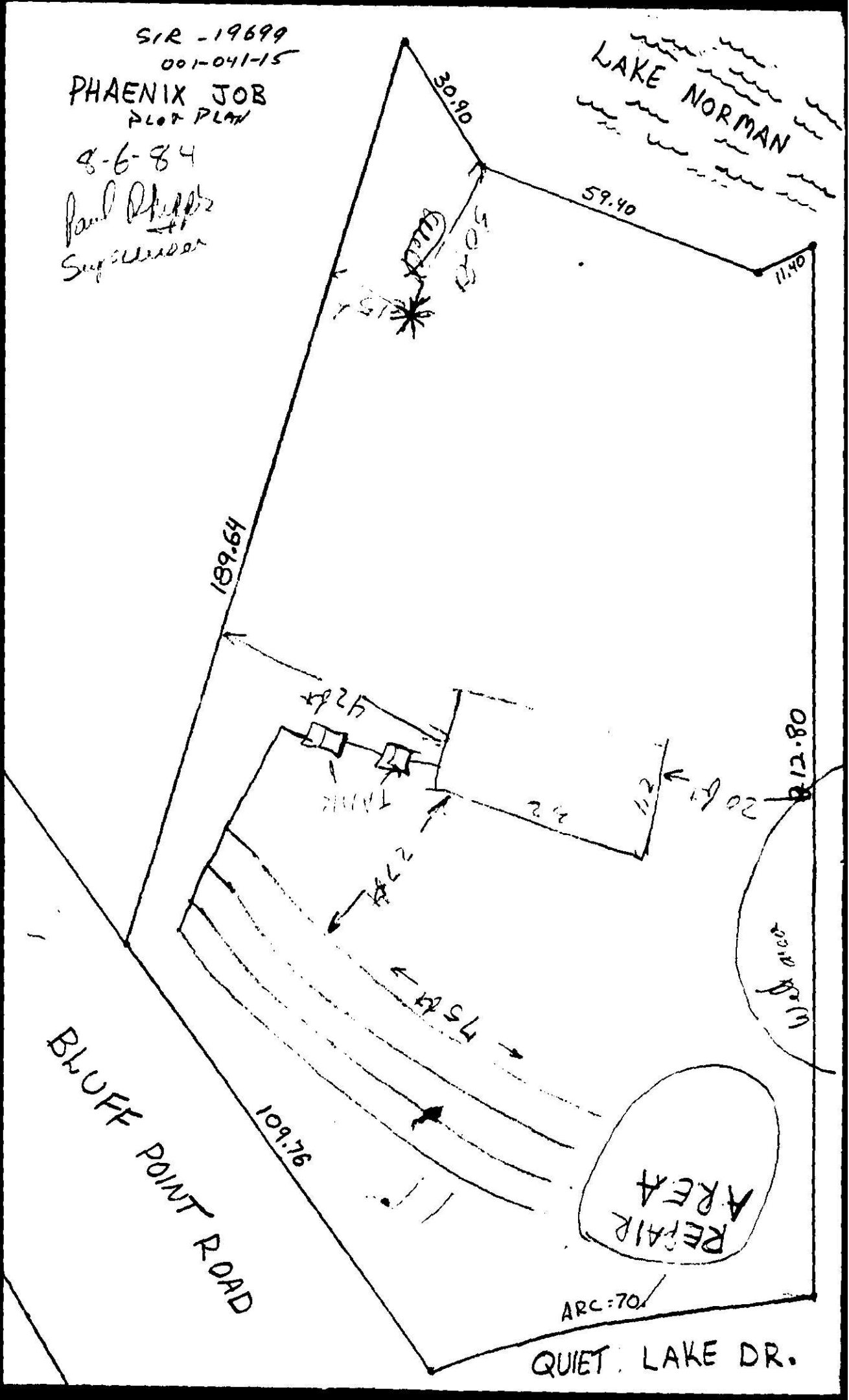
Environmental Health Department's Copy

SIR - 19699
001-041-15

PHAENIX JOB
PLOT PLAN

8-6-84

Paul Phillips
Surveyor



Date Issued 7-13-84

Serial No. 7674

SIR No. 19699

T. C. No. 001-041-15

Map Date L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
IMPROVEMENT PERMIT
TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Mady Construction Co., Inc.
(LAST / FIRST / MIDDLE)

ADDRESS OF OWNER 20347 Walter Henderson Rd., Davidson, NC ZIP 28036

LOCATION OF LOT 17601 Quiet Lake Drive
(STREET OR COUNTY ROAD)

SUBDIVISION Bluff Point LOT NO 14 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 19699. 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.

Ralph Mills
Environmentalist

John R Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 11-14-84

Serial No. 07720

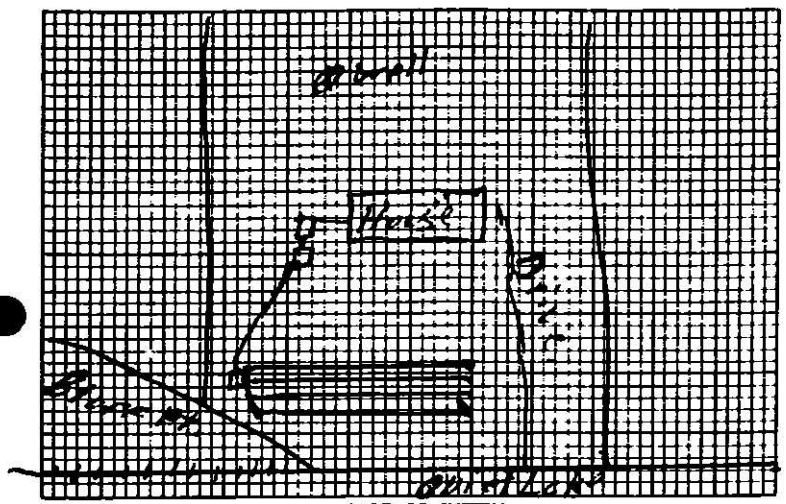
ICAR(S) Permit No. 19699

T. C. No. 001-041-15

Map Date L

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 19699, dated 7-11-84 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 12-14-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate III G

Liquid Capacity of Tank 1500 gal ST / 1000 gal L.S.

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 300'

Number of Lines Four

Distance from House 5'

Distance from Property Line 10'

Distance from Well >50'

NAME OF OWNER Mady Construction Co

LOCATION OF PROPERTY 17601 Quiet Lake 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.

Four Trenches 75' X 3' X 12" Stone; lift station required

Comments: ____

B. Hardister
Division or Section Head

Jim Trivett
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. 19699

Date Issued 11-27-84 Serial 7144 T. C. No. 001-041-15 L CCT

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 Medly Construction Co.
(LAST, FIRST, MIDDLE)

Location of Property 17601 Quiet Lake Dr.

Application Number 19699 Permit Number 19699

Inspection Data:

Liquid Capacity of Tank 1500 Gal. 1000 Gal. Tank Material PCC

Total Length of Drain Tile 300' Number of Lines Four

Depth of Filter Material 12" Cover Depth 12"

Water Supply Source Well Distance from Water Source 750'

Excavation Inspected 11-27-84 (DATE) Tank Inspected 11-27-84 (DATE)

Nitrification Field Inspected 11-27-84 (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 ✓ 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: _____

Jim Ennean
Environmentalist

EHD-S-76

Environmental Health Department's Copy