Date Received 6/14/79

MECK COUNTY DEPARTMENT OF
RECEIVED
JUN 12 1979
ENVIRONMENTAL HEALTH

APT No 15733
T. C. No. 157-101-02
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER GREATER CHARLOTTE FOUNDATION
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER 301 S. BREVARD ST. ZIP

3) PHONE NO. Home 376-0101 Office 364-4515

4) LOCATION OF PROPERTY FRONTS ON 2 - ASHWORTH & ELLSWORTH
STREET OR COUNTY ROAD

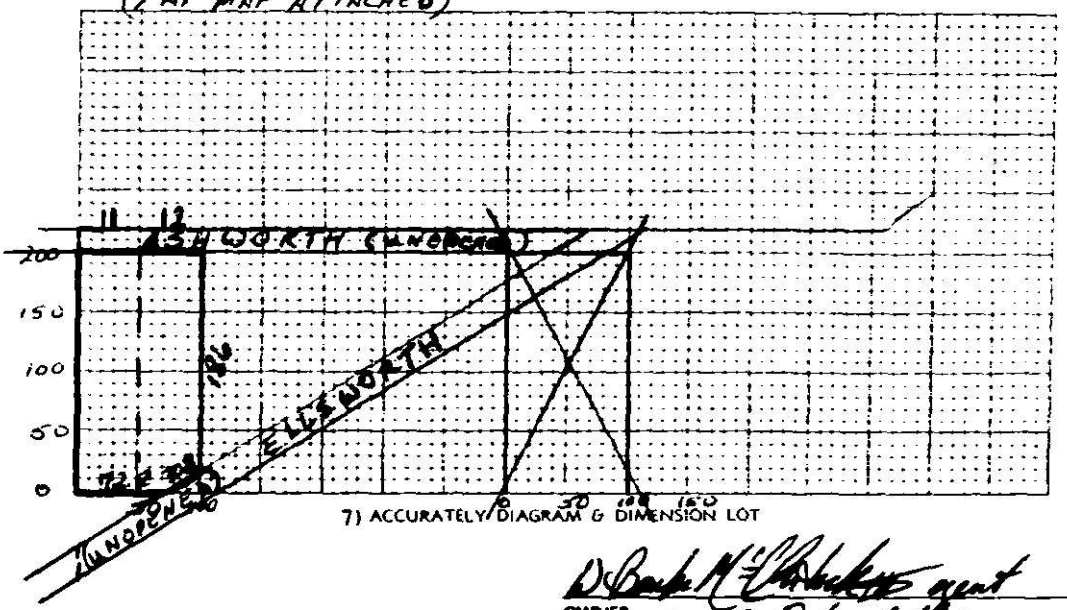
5) SUBDIVISION LOT NO 11+12 BLOCK NO 2

MAP BOOK NO 3 PAGE NO. 88

6) DEED REFERENCE DEED BOOK 3813 PAGE NO 147

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

(TAX MAP ATTACHED)



7) ACCURATELY DIAGRAM & DIMENSION LOT

D Bruce McClenahan agent
OWNER
for Greater Charlotte

EHD-5-76

Environmental Health Department's Copy

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

APPENDIX H
SITE EVALUATION

APT 15733

(Ground Absorption Sewage Disposal)

OWNER: Greater Charlotte Foundation
ADDRESS: 301 S. Bayard St.
COUNTY: Charlotte, N.C.
LOCATION OF SITE: Ashworth & Ellsworth

DATE REQUESTED:
PLAT NO.: 157-101-02
LOT SIZE: Approx 12,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) 2-15% PS U	(S) 8-15% PS U	S PS 2-6% U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S (PS) Clay U	S PS 2-1 Clay (U)	S PS 2-1 Clay (U)	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S (PS) Blocky U	S PS Massive (U)	S PS Massive (U)	S PS U
4. SOIL DEPTH (In.)	(S) 48" PS U	(S) 48" PS U	(S) 48" PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	(S) None PS U	(S) None PS U	(S) None PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 76" to PS ground U water	(S) 76" to PS ground U water	S seasonal PS water (U) table	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) Moderate U	S PS U. Slow (U)	S PS U. Slow (U)	S PS U
8. OTHER (Specify)	S (PS) Limited Area U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	Provisionally suitable	unsuitable	unsuitable	
SOIL SERIES	Cecil	Vance	Monoton	

S - Suitable PS - Provisionally Suitable U - Unsuitable

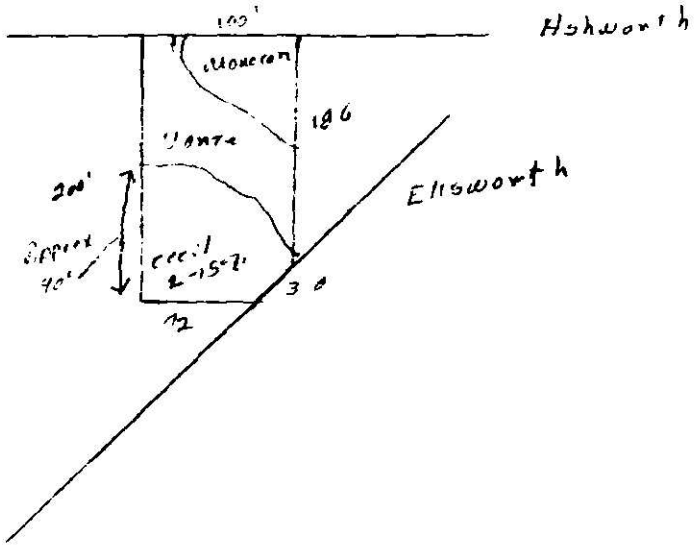
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments: Plans for structure & septic Tank system to be reviewed & approved before permit for building is issued

Described By: William R. Marlin

Title: Soil Scientist Date: 7-13-79

DHS Form 2601 (2/77)
Sanitation



Ashworth
Moncton
186
Yonte
200'
Ellsworth
Approx
40'
Cecil
2-15%
30
12

Serial No. 2956

PTR No. 15733

Date Issued 7/18/79

T. C. No. 157-101-02

Map Date

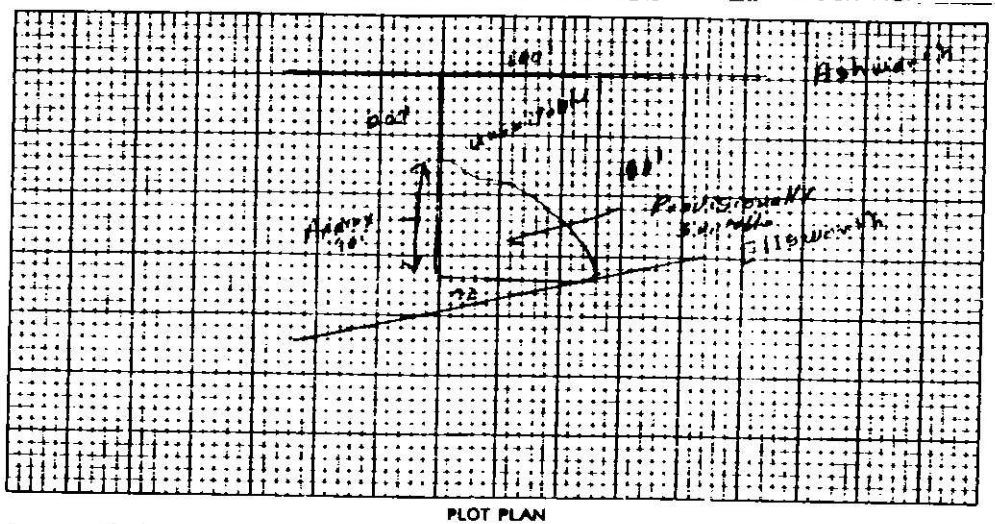
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER /Greater Charlotte, Foundation
(LAST) (FIRST) (MIDDLE)

ADDRESS OF OWNER 301 South Brevard Street Charlotte, NC ZIP 28202

LOCATION OF PROPERTY Ashworth and Ellsworth
(STREET OR COUNTY ROAD)

SUBDIVISION LOT NO. 11&12 BLOCK NO. 2



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**

The permeability rate determined by the investigation was **suitable** . 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. Merlin
Sanitarian Scientist

Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

Date Received 7/8/80

SEE INSTRUCTIONS ON BACK
MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 8 1980
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 15733

T. C. No. 157-101-02

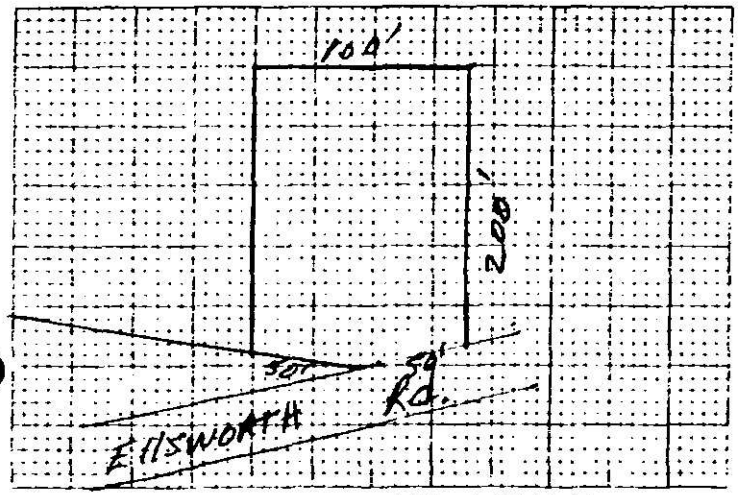
Map Date _____

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 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 city
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) FmA Case No ____
12) VA Case No ____

13) NAME OF OWNER [redacted] (LAST) BARTON (FIRST) BARBARA (MIDDLE) N.

14) ADDRESS OF OWNER 5931-E QUAIL HOLLOW Rd, CHARLOTTE, N.C 28210

15) PHONE NO. Home 552-6620 Office ____

16) LOCATION OF SYSTEM ELLSWORTH Rd. (STREET OR COUNTY ROAD)

17) SUBDIVISION ____ Lot No. 2 Block No. ____

Map Book No. ____ Page No. ____ Tax code - 157-101-02

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____ P.S.

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓YES ____NO DATE RUN 7/18/79

20) PTR NUMBER (See Instructions) 15733

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 2, 1980
DATE OF APPLICATION

Barbara N. Barton
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Date Issued July 8, 1980 **Serial No. 4244**

LA No. 15733

T. C. No. 157-101-02

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 Barton, (LAST) Barbara (FIRST) N. (MIDDLE)

ADDRESS OF OWNER 5931-E Quail Hollow Road, Charlotte, NC (ZIP) 28210

LOCATION OF LOT Ellsworth Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. #2 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. 15733 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. and found to be provisionally suitable.
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

System to be based on 0.6 gallons per square foot bottom area....

Bob Wilson
Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHC-5-76

Environmental Health Department's Copy

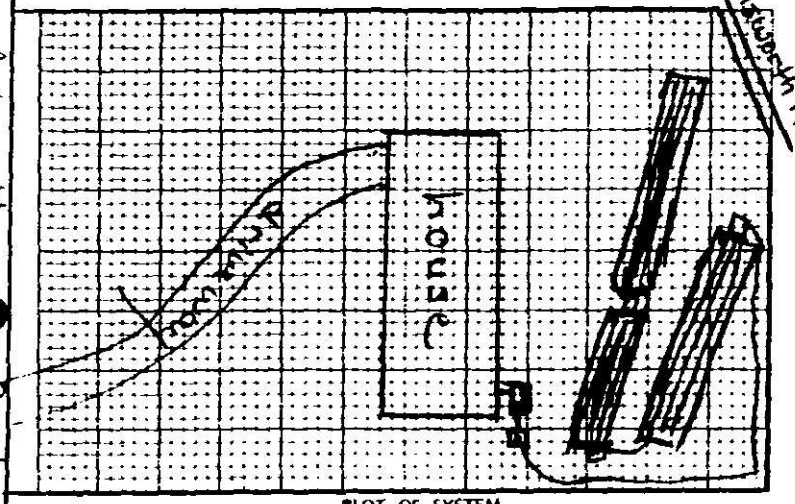
Date Issued 5-12-81 **Serial No. 4737** ICAR(S) Permit No. 15733

T C No 157-101-02

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 15733, dated 7-2-80 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 6-12-81, after which date this permit shall be null and void.



Permeability Rate P.S.

1000 gallon lift station

Liquid Capacity of Tank 1500 gallons

Tank Construction precast concrete

Absorption and/or Nitrification Lines

Total Line Length 620'

Number of Lines 5

Distance from House >8'

Distance from Property Line 5'

Distance from Well ——

NAME OF OWNER Barton, Barbara N.

LOCATION OF PROPERTY Ellsworth Road

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.

Comments: set pump to cycle 84 gallons of effluent — pump up to a 15'wide x 40'long x 17"stone bed — overflow to a 15'wide x 44'long x 17"stone bed — then overflow to a 15'wide x 40'long x 17"stone bed

Division or Section Head

Mike 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-5-76 Keep 6' of undisturbed soil between beds

Environmental Health Department's Copy

C of A (s) No. 15733

Date Issued 6-2-81 Serial 4535

T C No 157-101-02

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 Barton (LAST), Barbara (FIRST) N. (MIDDLE)

Location of Property Ellsworth Road + Ashworth Road

Application Number 15733 Permit Number 15733

Inspection Date: 1000 gallon liftstation

Liquid Capacity of Tank 1500 gallons Tank Material precast concrete

Total Length of Drain Tile 620' Number of Lines 5-5-5

Depth of Filter Material 17" of stone Cover Depth 6' to 18"

Water Supply Source city Distance from Water Source —

Excavation Inspected — (DATE) Tank Inspected 5-29-81 (DATE)

Nitrification Field Inspected 5-29-81 (DATE) + 6-2-81

Washing Machine Line Inspected, If Applicable 5-29-81 (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 Septic tank should be checked every three years and pumped as needed.

Mike Sexton
Environmentalist

EHD-5-76

Environmental Health Department's Copy