Date Received 4-11-84

[illegible] DEPARTMENT OF
[illegible] RECEIVED
APR 11 1984
[illegible]

SIR No. 3117

T. C. No. 005-222-01

Map Date _____

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Presbyterian Foundation Southern Real Estate of Charlotte Inc. Agent
(LAST, FIRST, MIDDLE)

2) ADDRESS OF OWNER 35th NCNB Plaza ZIP 28280

3) PHONE NO. Home _____ Office 704-375-1000

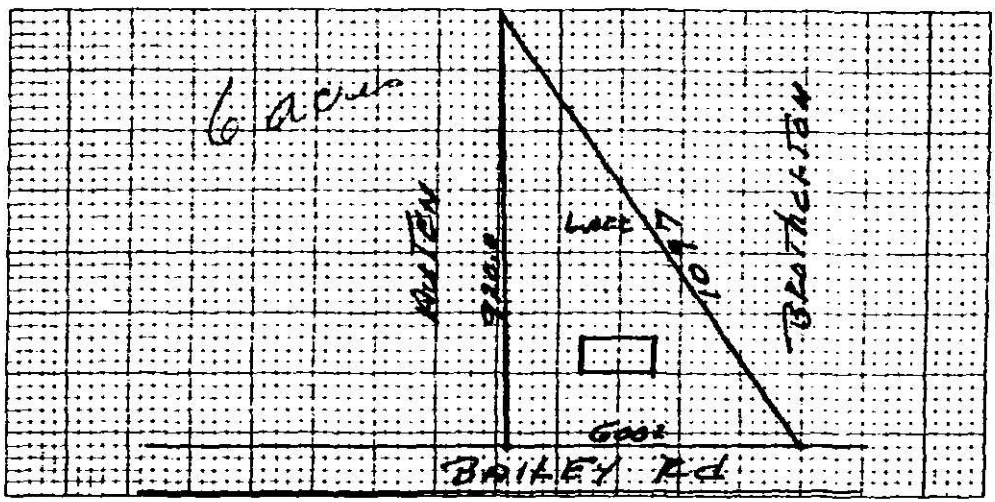
4) LOCATION OF PROPERTY Fairleigh Rd.
(STREET OR COUNTY ROAD)

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

MAP BOOK NO 05-222 PAGE NO 01

6) DEED REFERENCE DEED BOOK _____ 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.




7) ACCURATELY DIAGRAM & DIMENSION LOT

Southern Real Estate as Agent
OWNER

J. K. Stuart

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21117

T.C. NO. PO 005-222-01

(Ground Absorption Sewage Disposal)

OWNER: Presbyterian Foundation
ADDRESS: 1204 Commerce Center
Charlotte, N.C. 28202
LOCATION OF SITE: Pasley Road

PLAT NO:
LOT SIZE: Approx 30,000 [illegible]

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S<br>PS 2-10% <br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay) | S<br>PS Clay<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 3. SOIL STRUCTURE (12-36 inches) | S<br>PS Blocky<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 4. SOIL DEPTH (inches) | S<br>PS 30-40"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S<br>PS >30"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S >30" to<br>PS ground<br>U water | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 7. OTHER (Specify) | S<br>PS see note<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 8. SOIL GROUP | IVA | | | |
| 9. SITE CLASSIFICATION | Provisionally suitable | | | |
| 10. SOIL SERIES | Cecil Lake | | | |

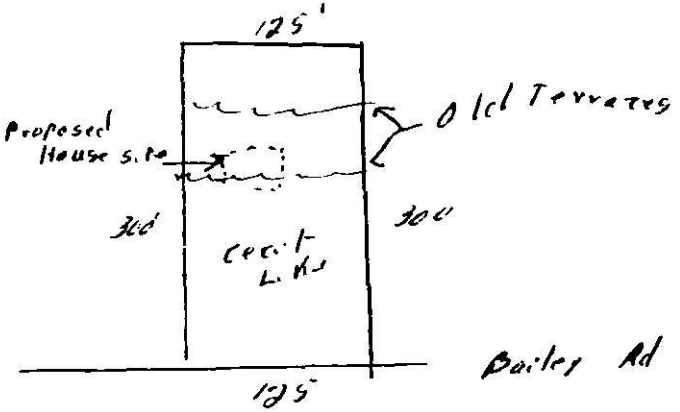
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: Old Terraces present - will collect surface water

Described by: William A. Martin
Title: Soil Scientist

Date: 6-5-84


125'
Old Terraces
Proposed House site
300
300
Bailey Rd
125'

Serial No. 5679

SIR No. 21117

Date Issued 6-6-84

T. C. No. 005-222-01

Map Date L

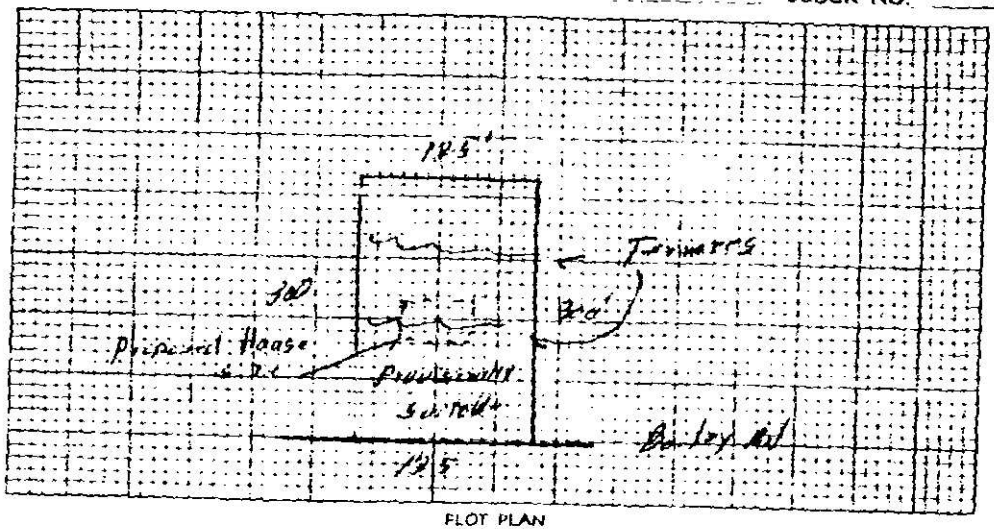
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) Presbyterian Foundation % Southern Real Estate of Charlotte, Inc. (MIDDLE)

ADDRESS OF OWNER 3520 NCNB Plaza, Charlotte, NC ZIP 28280

LOCATION OF PROPERTY Bailey Road (STREET OR COUNTY ROAD)

SUBDIVISION LOT NO BLOCK NO.




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 soil 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, but subject to the following terms and conditions:

1. A permit must be obtained from the Mecklenburg County Department of Environmental Health prior to the construction of the wastewater treatment system on the said lot.
2. The size of the septic tank and other system components shall be determined by the Mecklenburg County Department of Environmental Health at the time of application for the permit, the rate as stated above, and on the size and type of building proposed.
3. This approval is valid for the lot as it existed at the time of the investigation and acceptable for system installation on the above lot.
4. This approval is based on only the soil conditions found at the location(s) where the investigation was performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health are the areas indicated as acceptable for system installation. Any change in the location of the proposed system or the addition of any other system may require additional investigation.

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 E. Martin
Soil Scientist

EHC-5-76

William B. Ramsey
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 6-25-84

ICAR (S) Application No 21117

T. C. No. 005-222-01

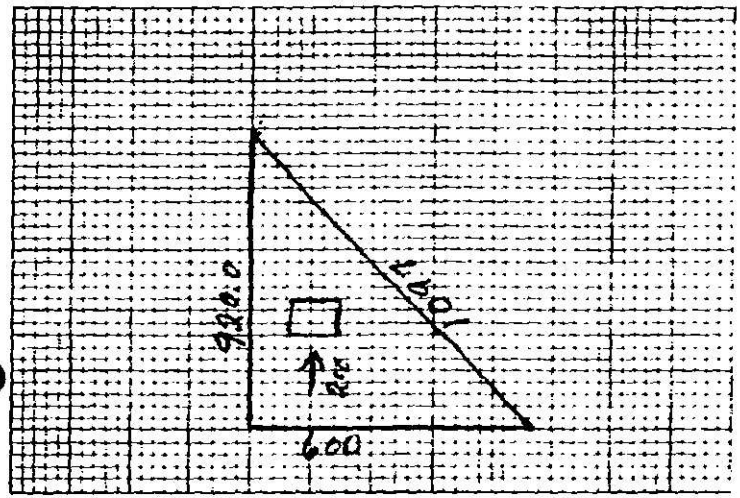
Map Date L

# 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) ✓ 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 ____
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 Brotherton (LAST) Jr. Thomas (FIRST) Lewis (MIDDLE)

14) ADDRESS OF OWNER Box 375 Cornelius, N.C. 28031

15) PHONE NO Home 892-7181 Office 399-2933

16) LOCATION OF SYSTEM Bailey Road - 10416 (STREET OR COUNTY ROAD)

17) SUBDIVISION _____ Lot No. _____ Block No. _____

Map Book No. 05-222 Page No. 01

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES _____ NO DATE RUN _____

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.

6-25-84
DATE OF APPLICATION

Thomas L. Brotherton Jr.
OWNER

EHD-5-76

Environmental Health Department's Copy

Date Issued 6-25-84

Serial No. 7617

SIR No. 21117

T. C. No. 005-222-01

Map Date L C/CT

# 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 Brotherton, Jr. (LAST) Thomas (FIRST) Lewis (MIDDLE)

ADDRESS OF OWNER P. O. Box 37a, Cornelius, NC ZIP 28031

LOCATION OF LOT 10416 Bailey Road (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 21117 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 Willis
Environmentalist

Bill D. Hardister Jr.
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

C of A (s) No 21117

Date Issued OCT 8TH 1984 **Serial** 7023 T C No 095-222-01

L CRT

# 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 BROTHERTON, THOMAS JR (LAST, FIRST, MIDDLE)

Location of Property 10416 BAILEY ROAD

Application Number 21117 Permit Number 21117

**Inspection Data:**

Liquid Capacity of Tank 1500 GAL Tank Material Pre Cast Concrete

Total Length of Drain Tile 300 LIN. FT Number of Lines FOUR

Depth of Filter Material 12 inches stone Cover Depth 12 inches

Water Supply Source Well Distance from Water Source 100 FT

Excavation Inspected 10-5-84 (DATE) Tank Inspected 10-8-84 (DATE)

Nitrification Field Inspected 10-5-84 (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 X 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 TANK LOCATION CHANGED TO RIGHT SIDE OF HOUSE INSTEAD OF ON LOT AT OWNERS REQUEST.

Ralph Mills
Environmentalist

EHD-5-76

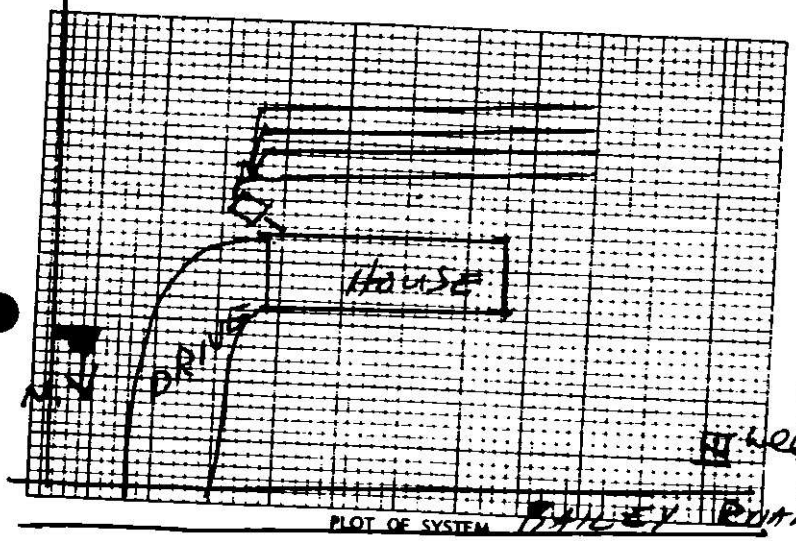
Date Issued Sept 10th 1984 **Serial No.** 07546 ICAR(S) Permit No. 21117

T C No 005-222-01

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 X Install or Construct, ___ Alter or Repair the individual septic tank waste-water 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 21117, dated 6-25-84 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 Oct 20th 1984, after which date this permit shall be null and void.




PLOT OF SYSTEM BAILEY ROAD

Permeability Rate PS IVA

Liquid Capacity of Tank 1500 gal

Tank Construction Pre Cast Concrete

Absorption and/or Nitrification Lines

Total Line Length 300 lin FT

Number of Lines FOUR

Distance from House 5 FT

Distance from Property Line > 10 FT

Distance from Well 90 FT

NAME OF OWNER BROTHERTON, THOMAS JR

LOCATION OF PROPERTY 10416 BAILEY 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.

Four Trenches to be 75 FT x 3 FT x 12 inches stone-hay or Straw Cover Grade Bds

Comments:

B. Hardester
Division or Section Head

Ralph Miller
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

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21118

T.C. NO. PD 025-011-02

(Ground Absorption Sewage Disposal)

OWNER: William McCowles
ADDRESS: 327 South Carson St
Charlotte, N.C. 28202
LOCATION OF SITE: Highway 21 & Alexanderwood Rd

PLAT NO:
LOT SIZE: Approx 15,000 inch 34

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S<br>PS 2-10%<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay) | S<br>PS Clay<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 3. SOIL STRUCTURE (12-36 inches) | S<br>PS Blocky<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 4. SOIL DEPTH (inches) | S<br>PS 36-48"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock) | S<br>PS 7-36"<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S 7-48"<br>PS to ground water<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 7. OTHER (Specify) | S see Note<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U | S<br>PS<br>U |
| 8. SOIL GROUP | 10A | | | |
| 9. SITE CLASSIFICATION | provisionally suitable | | | |
| 10. SOIL SERIES | Cecil Lillie | | | |

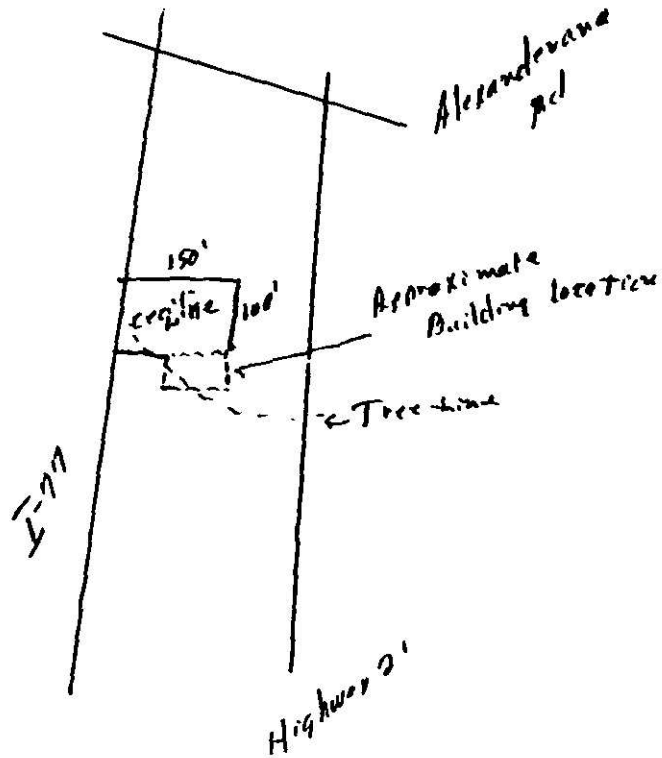
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments: System May Need lift Pump

Described by: William R. Martin
Title: Soil Scientist

Date: 7-6-84


Alexanderana Rd
150'
100'
Approximate Building location
Tree line
I-77
Highway 2'