Date Received 8/20/79

APT No 16089

T. C. No. 047-065-14

Map Date 3/22/78

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Cooper, Roy (LAST, FIRST, MIDDLE)

2) ADDRESS OF OWNER 4210 North Graham Street, Charlotte ZIP 28206

3) PHONE NO. Home _____ Office _____

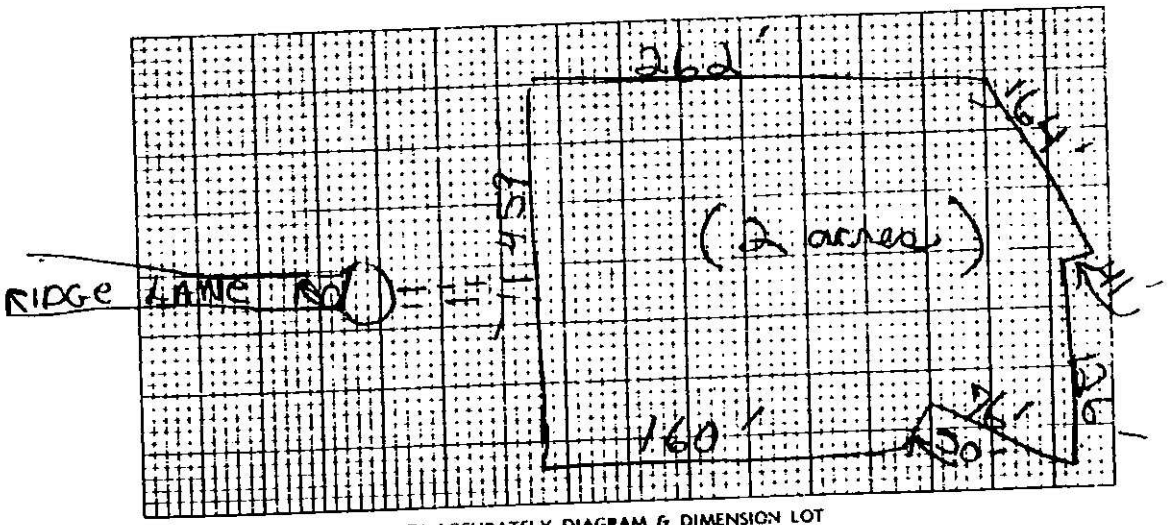
4) LOCATION OF PROPERTY Ridgeland Road (STREET OR COUNTY ROAD) Ridge Lane Rd

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

MAP BOOK NO _____ PAGE NO _____

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

OWNER

EHD-5-76

Environmental Health Department's Copy

S. I. R. NO. 16089

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

APPENDIX II
SITE EVALUATION

T. C. # 047-065-14

(Ground Absorption Sewage Disposal)

OWNER: Ray Tipper
ADDRESS: 4210 North Graham
COUNTY: Cumberland, 28306
LOCATION OF SITE: Ridge Lane Rural

DATE REQUESTED:
PLAT NO.:
LOT SIZE: Approx. 87,000

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) PS U 2-10% 10-20% | S (PS) U Slopes > 30% | (S) PS U 2-4% | S PS U + |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, note 2:1 Clay) | S (PS) U Clay | S (PS) U Clay | S PS U Marl | S PS U |
| 3. SOIL STRUCTURE (12.36 in.) (Clayey Soils) | S (PS) U Blocky | S (PS) U Blocky | S PS U Massive | S PS U |
| 4. SOIL DEPTH (In.) | (S) PS U 48" | S PS (U) < 48" | S PS U 48" | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata Rock) | (S) PS U None | (S) PS U None | (S) PS U None | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & internal) | (S) PS U 36" to ground water | (S) PS U 36" to ground water | S PS (U) seasonal high water table | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S (PS) U Moderate | S (PS) U Moderate | S PS (U) V Slow | S PS U |
| 8. OTHER (Specify) | S (PS) U Limited Area see note | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | ✓ Provisionally suitable | unsuitable | unsuitable | |
| SOIL SERIES | Cecil | Pantot (shallow) | Monacan | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

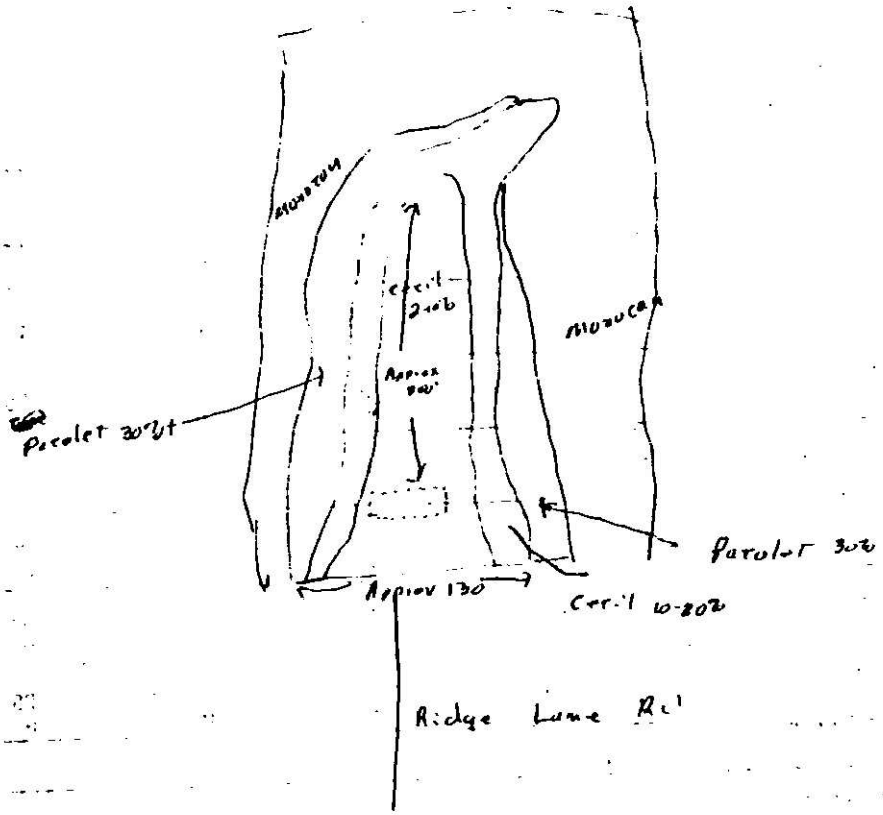
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies wet areas, fill areas, wells, water bodies, slope patterns, etc.

Recommendations/Comments: Plans for [redacted] system to be presented & approved before building permit is issued. System may need to be installed before house is constructed

Described By: William A. Marlin

Title: Soil Scientist Date: 8-4-79

DHS Form 2601
Sanitation
EHD 539 (3/79)


Percolet 30°Ut
Approx 130
Percolet 30°
Ridge Lune Rel

Serial No. 3106

PTR No. 16089

Date Issued September 6, 1979

T C No 047-065-14

Map Date 3/22/78

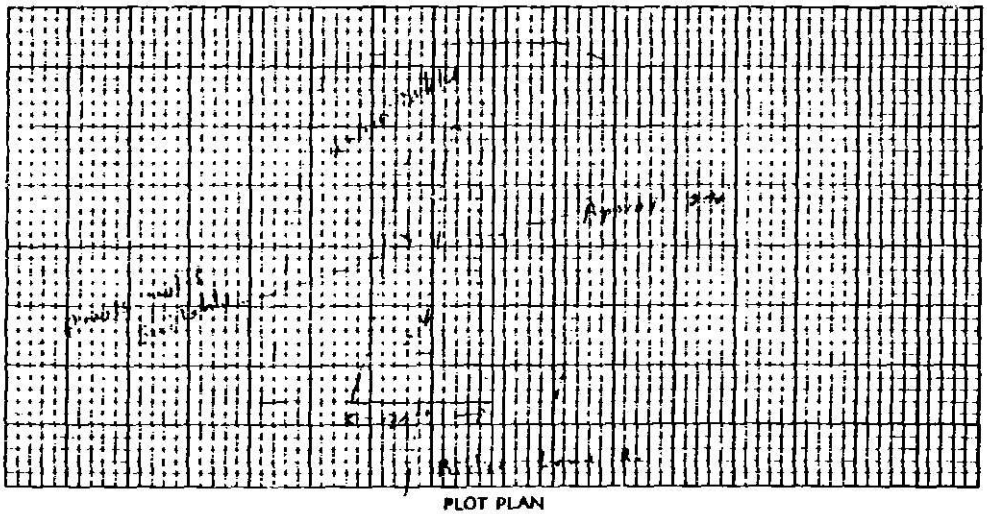
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER Cooper, Roy
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER 4210 North Graham St., Charlotte 28206
(ZIP)

LOCATION OF PROPERTY Ridgeland Ridge Lane 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 said investigation was conducted on that portion of the lot as indicated on the above plot. The permeability rate determined by the investigation was **Provisionally 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 K Marion
Soil Scientist

John A Isaacson
Environmental Health Director or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

SEE INSTRUCTIONS ON BACK

Date Received 9/10/79

ICAR(S) Application No 16089

T C No. 047-065-14

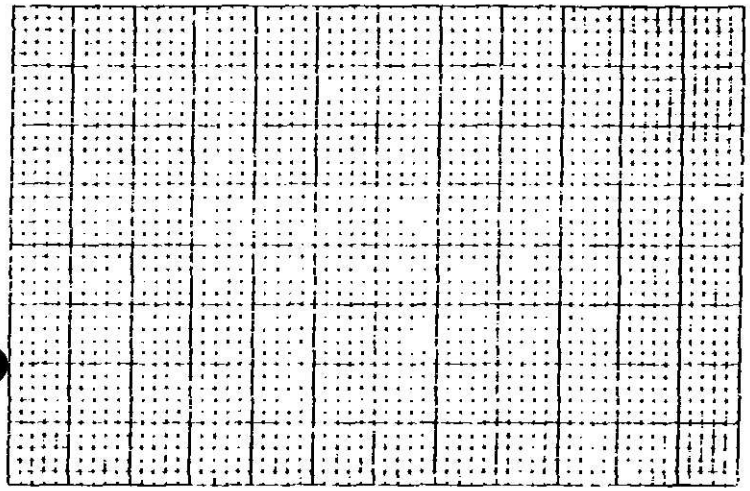
Map Date 3/22/78

# 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 Cooper (LAST) Roy (FIRST) ____ (MIDDLE)

14) ADDRESS OF OWNER 4210 North Graham St

15) PHONE NO. Home 596-0166 Office ____

16) LOCATION OF SYSTEM Ridge Lane Rd (STREET OR COUNTY ROAD)

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

Map Book No. ____ Page No ____

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

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓YES ____NO DATE RUN 9/6/79

20) PTR NUMBER (See Instructions) 16089

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.

DATE OF APPLICATION 9/10/79

OWNER Roy Cooper

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Serial No. 3494

LA No. 16089

Date Issued September 10, 1979

T. C. No. 047-065-14

Map Date 3/22/78

# 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 Cooper, Roy
(LAST, FIRST, MIDDLE)

ADDRESS OF OWNER 4210 North Graham Street, Charlotte, NC

LOCATION OF LOT Ridge Lane 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. 16089 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, 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.

Marshall Edwards
Environmentalist

John R. Johnson
Environmental Health Director, or Authorized Section Head

EHD-5-74

**Environmental Health Department's Copy**

Date Issued 9-17-79

Serial 3185

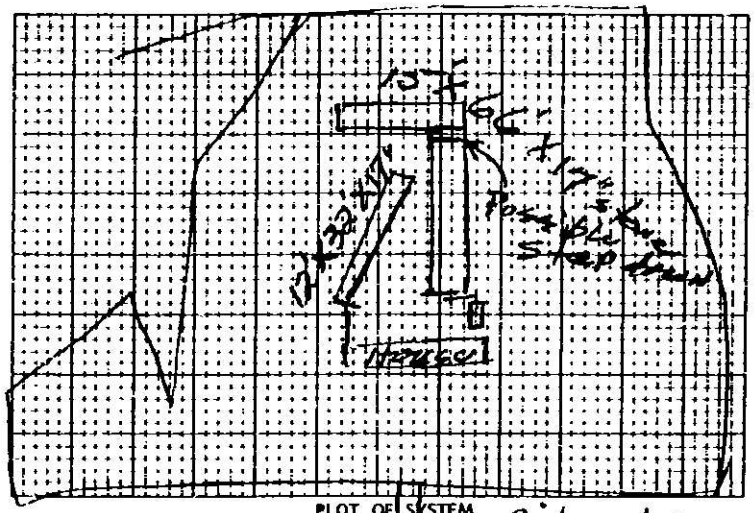
ICAR (S) Permit No. 16089

T. C. M. 247-06-5-14

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 16089, dated 9-10-79 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 10-17-79, after which date this permit shall be null and void.




PLOT OF SYSTEM

← Ridge Lane

Permeability Rate P/S

Liquid Capacity of Tank P/C

Tank Construction 1000

Absorption and/or Nitrification Lines.

Total Line Length 330-125

Number of Lines 5 - 4

Distance from House 15'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER Roy Cooper

LOCATION OF PROPERTY Ridge Lane

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.

Division or Section Head

Marshall Edwards
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 10-11-79 Serial 3097 C of A (s) No. 16089

T C-N 47-065-14

# 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 Cooper (LAST) Roy (FIRST) (MIDDLE)

Location of Property Ridge Lane

Application Number 16089 Permit Number 16089

**Inspection Data:**

Liquid Capacity of Tank 1000 Tank Material P/C

Total Length of Drain Tile 330-125 Number of Lines 5-4

Depth of Filter Material 17" Cover Depth 18"-24"

Water Supply Source Well Distance from Water Source 50'+

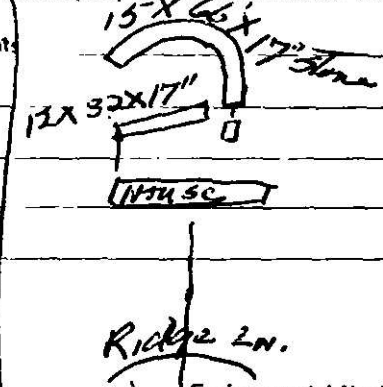
Excavation Inspected 10-11-79 (DATE) Tank Inspected 10-11-79 (DATE)

Nitrification Field Inspected 10-11 79 (DATE)

Washing Machine Line Inspected, If Applicable 10-11-79 (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




Marshall Edwards
Environmentalist

EHD-5-76

Environmental Health Department's Copy

S. I. R. NO. 16042
PO
T. C. # 717-05-02

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

APPENDIX II
SITE EVALUATION

(Ground Absorption Sewage Disposal)

OWNER: Elmore N. Conklin
ADDRESS: Rt. 4 Box 11
COUNTY: Pinnville, N.C. 28134
LOCATION OF SITE: Youngblood Rd.

DATE REQUESTED:
PLAT NO.:
LOT SIZE: 39600 sq

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | (S) PS U 2-8% | S PS U | S PS U | S PS U + |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 Clay) | S (PS) Clay U | S PS U | S PS U | S PS U |
| 3. SOIL STRUCTURE (12.36 in.) (Clayey Soils) | S (PS) Blocky U | 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.) (Impervious Strata Rock) | (S) PS None U | S PS U | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & internal) | (S) PS 36 to ground water U | S PS U | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S (PS) Moderate U | S PS U | S PS U | S PS U |
| 8. OTHER (Specify) | S PS U | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | provisionally suitable | | | |
| SOIL SERIES | Cecil | | | |

S - Suitable PS - Provisionally Suitable U - Unsuitable

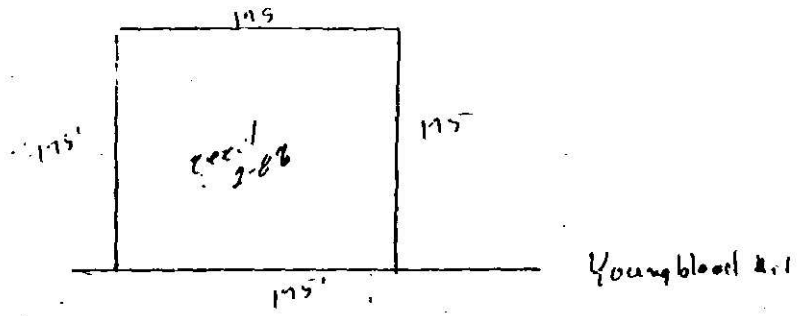
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies wet areas, fill areas, wells, water bodies, slope patterns, etc.

Recommendations/Comments: Lot is part of Approx. 2 Acre Tract.

Described By: William R. Mosley

Title: Soil Scientist Date: 8-29-79

DHS Form 2601
Sanitation
EHD 539 (3/79)


175
175'
Lot 1
2-86
175
175'
Youngblood Rd