Date Received 6/9/77

APT No. 12596

T. C. No. 039-041-09

Map Date 4/1977

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER H.J. Caldwell Electric Company, Inc.
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER 202 North Hoskins Road ZIP 28216

3) PHONE NO Home 392-8688 Office 392-8684

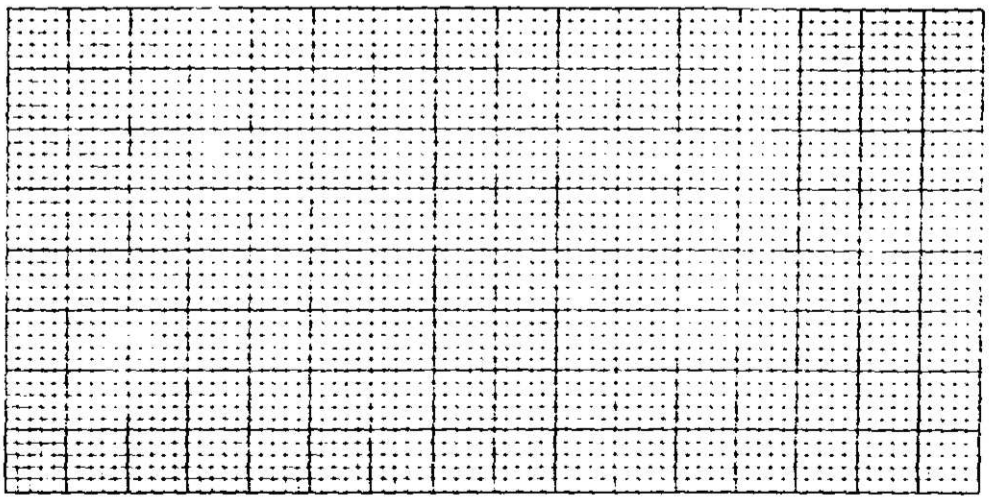
4) LOCATION OF PROPERTY Duke Street
(STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO 9 BLOCK NO. _____

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK 1565 PAGE NO 92

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

H.J. Caldwell
OWNER

EHD-5-76

Environmental Health Department's Copy

8435 sq. ft.

SOIL INVESTIGATION REPORT

Date of Investigation June 15, 1977 APT NO. 12596

Owner W. J. Caldwell Electric Co Lot #1 T.T. 031-041-09

Location of Property Duke St. - old highway 101 west

Soil Suitability Ratings

Soil Properties	Soil 1	Soil 2	Soil 3	Soil 4
1. Soil Series	Cor. I			
2. Soil Slope	suitable 2-5%			
3. Soil Depth	suitable >48"			
4. Soil Texture	Provisionally suitable Clay			
5. Soil Structure	Provisionally suitable Blocky			
6. Restrictive Horizons				
7. Soil Drainage	suitable water Table 7+'			
8. Soil Permeability (Percolation Rate)	Provisionally Moderate 60 min/in	suitable		
9. Other *	Lot size	limited - Approx	8435 sq. Ft.	
10. Overall Rating	Provisionally suitable			

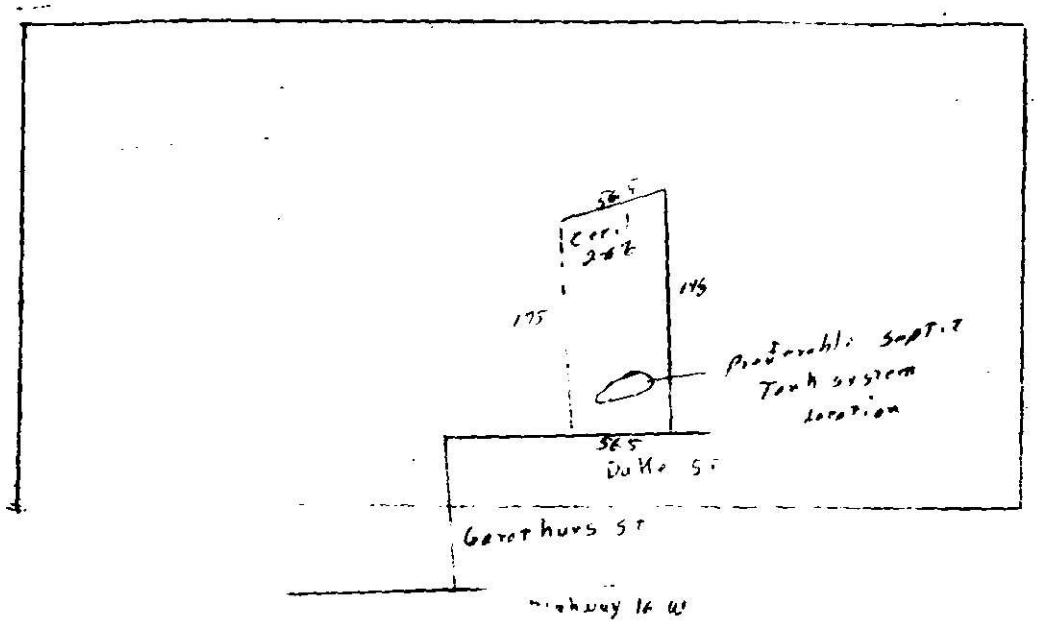
Remarks, Recommendations Based on this investigation, adequate area of provisionally suitable soil for the installation of a septic tank system was found on the lot. System design should be based on a percolation rate of 60 min/in

See diagram on back

William R. Mark
Soil Scientist

3/10/75
END 539

DIAGRAM OF PROPERTY



3/18/75
EHD 539

Serial No. 0949

PTR No. 12596

T C No. 039-041-09

Date Issued June 22, 1977

Map Date 4-19-77

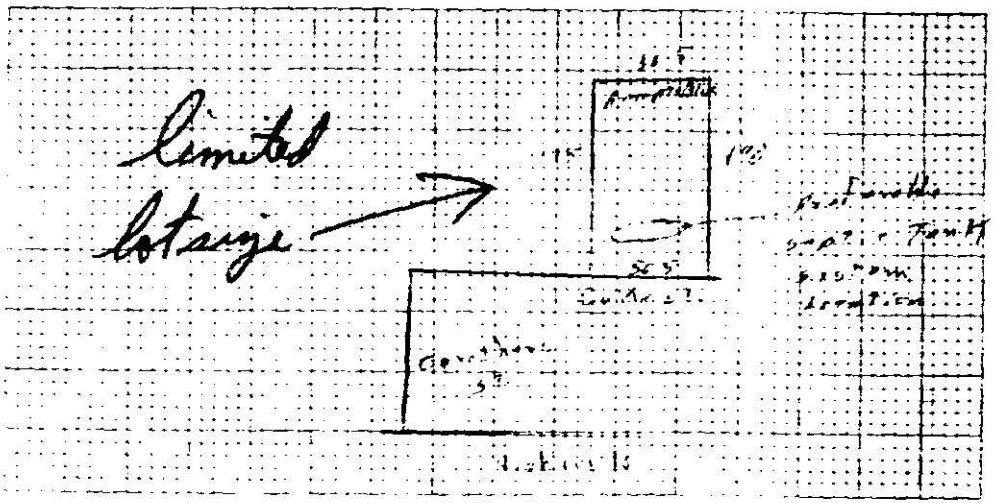
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER H. J. Caldwell Electric COmpany, Inc.
LAST FIRST MIDDLE

ADDRESS OF OWNER 202 North Hoskins Road, Charlotte, NC ZIP 28216

LOCATION OF PROPERTY Duke Street
STREET OR COUNTY ROAD

SUBDIVISION LOT NO 9 BLOCK NO



PLOT PLAN

The [illegible] Mecklenburg County [illegible] was conducted [illegible] the above lot is classified as **Provisionally Suitable**

This [illegible] by the investigation as **60 min/in.** The said lot is appr[illegible] for [illegible] on individual septic tank with [illegible] treatment [illegible] with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. [illegible] the Mecklenburg County Depart[illegible] the wastewater treatment [illegible]
2. [illegible] determined by the Mecklenburg [illegible] obtained above and [illegible]
3. [illegible] this system installed [illegible] plot plan for system installation [illegible]
4. [illegible] confirmed on the [illegible] Mecklenburg County Department [illegible] indicated as acceptable for [illegible] 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 H. Poole
EHO Title **Soil Scientist**

John M. Robinson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy