**SOIL INVESTIGATION REPORT**

**Date of Investigation** March 31, 1977 **APT NO.** 12152

**Owner** Howard Nance Company

**Location of Property** Rea Road Tax Code No. Portion of P.O. 211-251-03

**Soil Suitability Ratings**

| Soil Properties | Soil 1 | Soil 2 | Soil 3 | Soil 4 |
|---|---|---|---|---|
| 1. Soil Series | Cecil-Mecklenburg | Helena | Mecklenburg | Chewacla |
| 2. Soil Slope | Intergrading suitable 3-8% | unsuitable drainage complex | Suitable 3-10% | — |
| 3. Soil Depth | suitable 74> | | unsuitable <40" | — |
| 4. Soil Texture | provisionally suitable some 2:1 clay | unsuitable 2:1 expanding clay | unsuitable 2:1 expanding clay | — |
| 5. Soil Structure | provisionally blocky | unsuitable massive | unsuitable massive | — |
| 6. Restrictive Horizons | — | — | — | — |
| 7. Soil Drainage | Suitable water table 26" | unsuitable perched high water table | suitable water table 67" | unsuitable poorly drained |
| 8. Soil Permeability (Percolation Rate) | provisionally suitable moderate | unsuitable table impervious >30 min/in | unsuitable slow >120 min/in | unsuitable seasonal high water table 6"-18" from surface |
| 9. Other | suitable gravelly | — | — | unsuitable floods |
| 10. Overall Rating | provisionally suitable | unsuitable | unsuitable | unsuitable |

Remarks Recommendations Based on this investigation, there was an adequate area of provisionally suitable soils for installation of a septic tank system. System design should be based on a percolation rate of 90 min/in and should be placed in the area of Intergrading soils.

See diagram on back

Wm Edmund Cousart
Soil Scientist

3/13/75
EHD 539

SOIL INVESTIGATION REPORT

Date of Investigation _____ DIAGRAM OF PROPERTY _____




3/10/75

539

Serial No. 0621

PTR No. 12152

Date Issued 3/31/77

T. C. No. P.O. 211-251-03

Map Date -

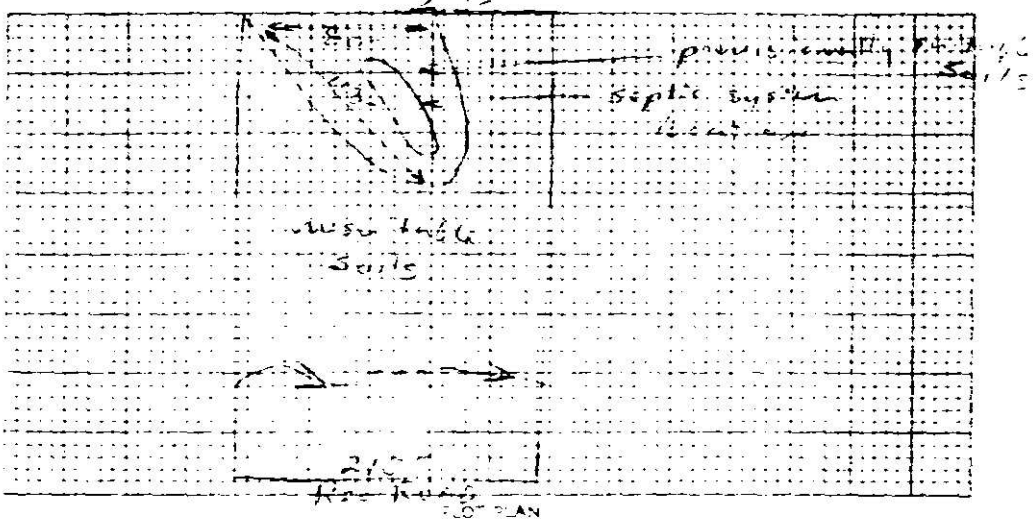
# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH
## SOIL INVESTIGATION REPORT

NAME OF OWNER (LAST) Howard Nance Company (FIRST) (MIDDLE)

ADDRESS OF OWNER 420 Hawthorne Lane, Charlotte, N. C. ZIP 28204

LOCATION OF PROPERTY Fea Road
STREET OR COUNTY ROAD

SUBDIVISION LOT NO BLOCK NO




PLOT PLAN

This property was investigated by the Mecklenburg County Department of Environmental Health and was classified as Provisionally Suitable

This classification is for conventional subsurface sewage disposal with a maximum application rate of 60 Gal/Bedroom/Day. The said lot is approved for the installation of an individual subsurface sewage treatment system with subsurface soil absorption with the following limitations and conditions:

1. Approval is granted only for the use of the Mecklenburg County Department of Environmental Health approved wastewater treatment system as described.
2. The system must be installed in accordance with the rules and regulations governing the Mecklenburg County Department of Environmental Health and in accordance with permit which will be obtained before any construction is begun.
3. This certificate is valid for the system installed at the time of the initial site evaluation and is not acceptable for system installed at any other time.
4. The soil evaluation was performed on the date indicated. Any changes in the site conditions after the date of evaluation may void the approval. The system must be installed and in operation before the Department of Environmental Health will accept the site indicated as acceptable for system installation.

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.

Soil Scientist

Environmental Health Director or Authorized Section Head

EHD-S 76

Environmental Health Department's Copy