Date Received 1/30/80

MECK COUNTY DEPARTMENT OF
RECEIVED
JAN 29
ENVIRONMENTAL HEALTH

APT No. 16509

T. C. No. 209-251-15

Map Date

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Sims (LAST) Dorothy (FIRST) T. (MIDDLE)

2) ADDRESS OF OWNER ~~3708 Roxborough Parkway~~ Carmel Hills, N.C. 27574 ZIP ~~28211~~

3) PHONE NO. Home ~~366-5726~~ Office —

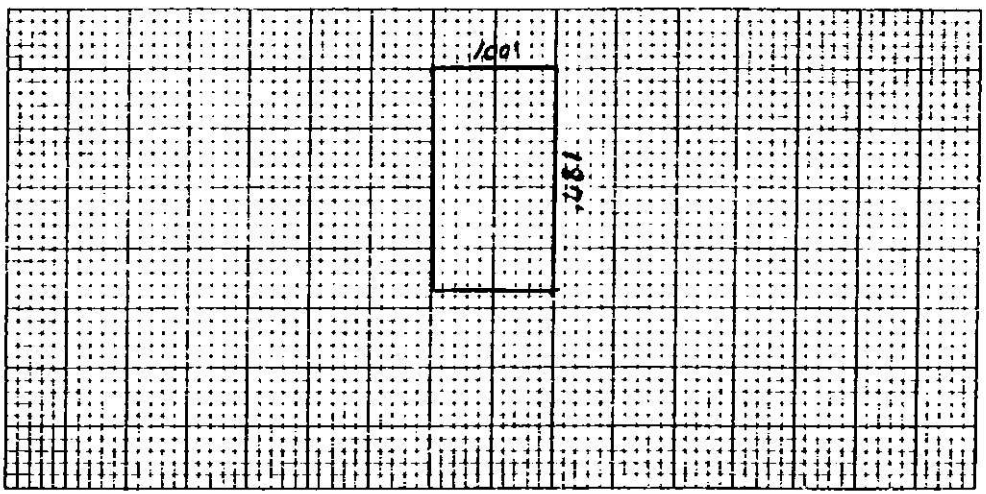
4) LOCATION OF PROPERTY ~~3708~~ Carmel Forest Dr. (STREET OR COUNTY ROAD)

5) SUBDIVISION Carmel Forest LOT NO. 15 (20) BLOCK NO. 8 251

MAP BOOK NO 209 PAGE NO 253

6) DEED REFERENCE DEED BOOK 3098 PAGE NO 067

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

Dorothy T. Sims
OWNER

EHJ-5-76

Environmental Health Department's Copy

S. I. R. NO. 16504

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

APPENDIX II
SITE EVALUATION

T. C. # 204-251-15

(Ground Absorption Sewage Disposal)

OWNER: Dorothy T. Sims
ADDRESS: 2201 Carol Woods
COUNTY: Chapel Hill, N.C. 27514
LOCATION OF SITE: Carol Woods

DATE REQUESTED:
PLAT NO.: Lot 20 Block B
LOT SIZE: 18,200

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S (PS) U 2-10% | S PS (U) complex slopes | S PS U | S PS U * |
| 2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 Clay) | S PS (U) 2:1 clay | S PS (U) 2:1 clay | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 in.) (Clayey Soils) | S PS (U) massive | S PS (U) massive | S PS U | S PS U |
| 4. SOIL DEPTH (In.) | S PS (U) < 48" | S PS (U) Depth Variable | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (In.) (Impervious Strata, Rock) | (S) PS U None | (S) PS U None | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (External & internal) | (S) PS U 20-60 ground water | S Eroded Area channels water (U) | S PS U | S PS U |
| 7. SOIL PERMEABILITY (Percolation Rate) | S PS (U) v. slow | S PS (U) v. slow | S PS U | S PS U |
| 8. OTHER (Specify) | S (PS) U < 20,000 Ft. 54" | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | unsuitable | unsuitable | | |
| SOIL SERIES | Mecklenburg w. Wet | Eroded Area | | |

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:

Described By: William A. Marlin

Title: Soil Scientist Date: 1-31-80

DHS Form 2601
Sanitation
EHD 539 (3/79)

2

**MECKLENBURG COUNTY**
**DEPARTMENT OF ENVIRONMENTAL HEALTH**
1200 BLYTHE BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

S.I.R. # 16509

T.C. # 209-251-15

DATE January 31, 1980

NAME OF OWNER Sims, Dorothy T.

ADDRESS OF OWNER 2201 Carol Woods, Chapel Hill, NC 27514

LOCATION OF LOT CARMEL FOREST DRIVE Lot 20, Block B

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank - soil absorption system, due to the following reason:

Soil Structure Massive

Soil Permeability Unsuitable

John R. Adkisson, Environmentalist