Date Received 1/12/80

APT No 16463

T C No 215-131 15/16

Map Date JAN, 79

# MECKLENBURG COUNTY
# DEPARTMENT OF ENVIRONMENTAL HEALTH

## APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER RALPH SQUIRES CONST CO INC.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER PO BOX 25178 ZIP 28212

3) PHONE NO Home _____ Office 537 9553

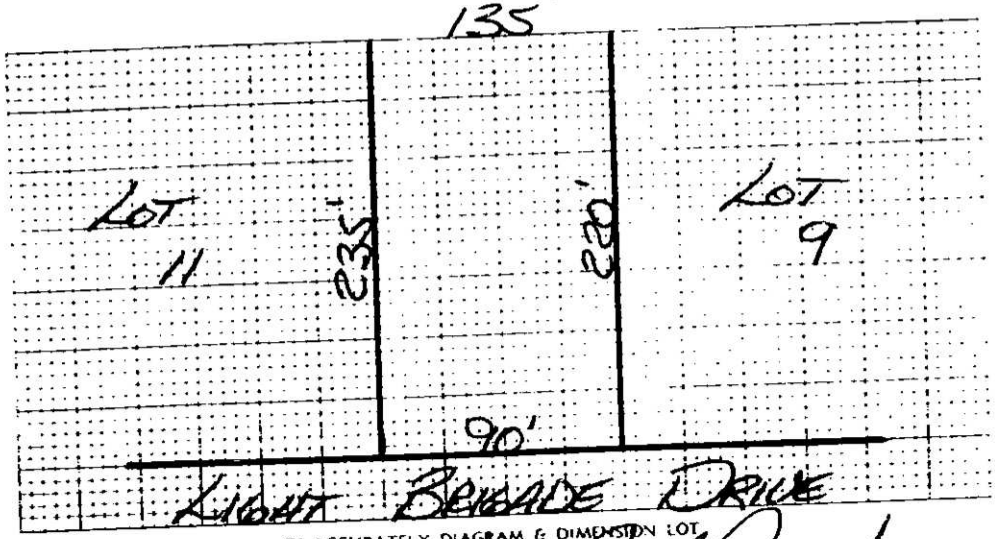
4) LOCATION OF PROPERTY LIGHT BRIGADE DRIVE
(STREET OR COUNTY ROAD)

5) SUBDIVISION WINDSOR LOT NO 10 BLOCK NO T

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 purpose of a soil investigation and an on site inspection of the property described for the purpose of determining if the lot is suitable for the installation of a septic tank wastewater treatment system with subsurface soil absorption effluent disposal.




7) ACCURATELY DIAGRAM & DIMENSION LOT

Ralph Squires

OWNER

EHD-5-76

Environmental Health Department's Copy

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

APPENDIX H
SITE EVALUATION

S.I.R. No. 16463
T.C. No. PO 215-131-15,16

(Ground Absorption Sewage Disposal)

OWNER: RALPH SQUIRES CONST. CO. DATE REQUESTED: 1-17-80
ADDRESS: PO BOX 25170 PLAT NO:
COUNTY: MECK. 28212 LOT SIZE: 23,625
LOCATION OF SITE: LIGHT BRIGADE [illegible] DRIVE LOT 10 BLOCK 7

| FACTORS | AREA 1 | AREA 2 | AREA 3 | AREA 4 |
|---|---|---|---|---|
| 1. SLOPE (%) | S PS (U) Complex slopes | (PS) 0-10 | S PS U | S PS U |
| 2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay) | S PS (U) Mixed soil & Saprolite | S PS (U) Mixed clay | S PS U | S PS U |
| 3. SOIL STRUCTURE (12-36 inches) | S PS (U) Blocky to massive | S PS (U) Blocky to massive | S PS U | S PS U |
| 4. SOIL DEPTH (inches) | S PS (U) 48 | S PS (U) 48 | S PS U | S PS U |
| 5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock) | S PS Saprolite (U) | S PS Clays (U) | S PS U | S PS U |
| 6. SOIL DRAINAGE/GROUNDWATER (external and internal) | S PS Slow (U) | S PS Slow (U) | S PS U | S PS U |
| 7. SOIL PERMEABILITY (percolation rate) | S PS (U) Slow | S PS (U) Slow | S PS U | S PS U |
| 8. OTHER (specify) | S PS U | S PS U | S PS U | S PS U |
| 9. SITE CLASSIFICATION | Unsuitable | Unsuitable | | |
| 10. SOIL SERIES | Complex slopes | Helena | | |

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, slope)

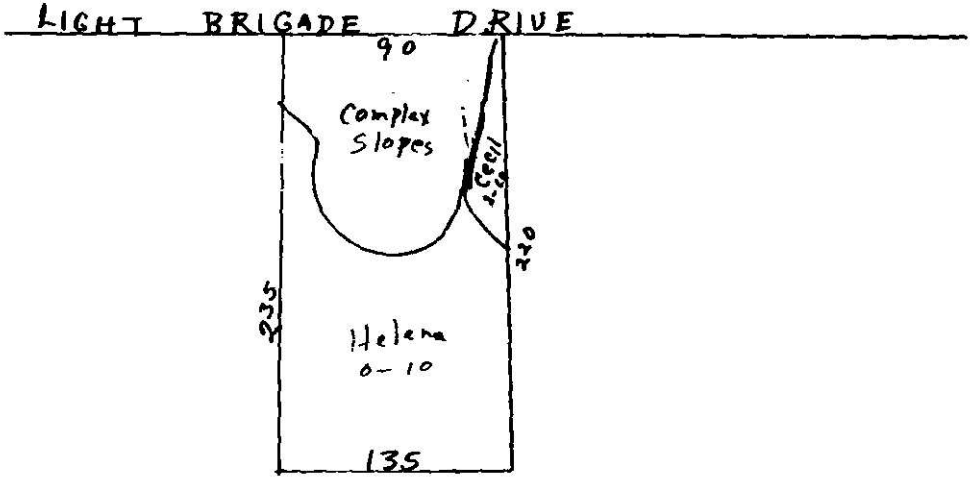
Recommendations/Comments: 10' strip of Cecil insignificant

Described By: W. B. Ramsey
Title: Soil Scientist
Date: 3-12-80

DHS Form 2601
Sanitation
EHD 539 (2/80)

2

Lot 10 Block 7



**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. No. 16463

T.C. No. po 215-131-15,16

DATE ISSUED March 26, 1980

NAME OF OWNER Ralph Squires Const. Co.

ADDRESS OF OWNER PO Box 25178, Charlotte, NC 28212

LOCATION OF PROPERTY Light Brigade Drive, Lot 10, Block T, Windrow

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

EHD 8
(revised 3/25/80)