Date Received 7-12-73

APT No. 6621

T. C. No. 139-015-18

Map Date 14 Dec 73

MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

APPLICATION FOR PERCOLATION TEST

1) NAME OF OWNER Ralph Squires Const. Co., Inc.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER P O Box 25178 ZIP 28215

3) PHONE NO Home _____ Office 537-9553

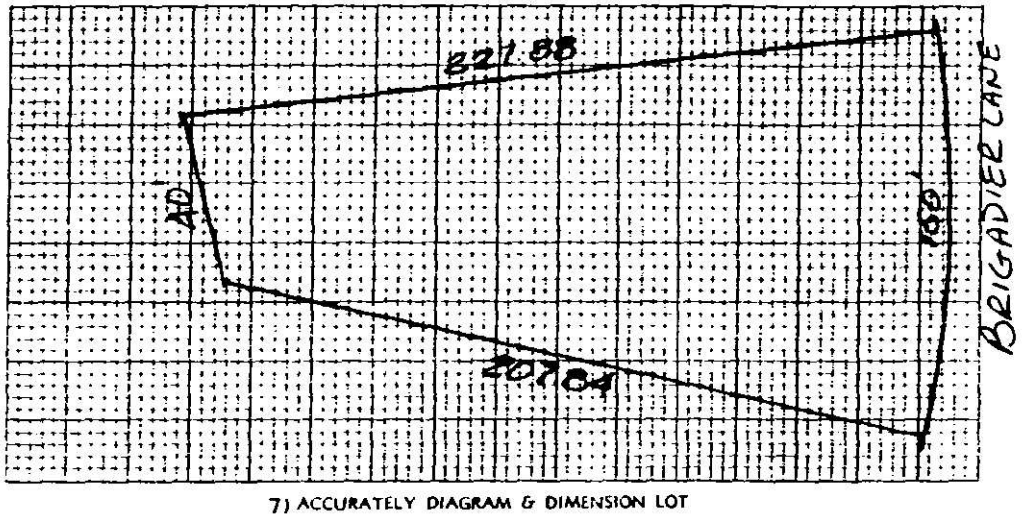
4) LOCATION OF PROPERTY 8823 Brigadier Road
(STREET OR COUNTY ROAD)

5) SUBDIVISION Jefferson Colony LOT NO 18 BLOCK NO. D

MAP BOOK NO 17 PAGE NO 133

6) DEED REFERENCE. DEED BOOK 3483 PAGE NO. 458

Application is hereby made to the Mecklenburg County Health Department for the conduct of a percolation test 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

Bill Hortis
OWNER

FORM NO E-1-9-1-72

HEALTH DEPARTMENT'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
INTER-OFFICE COMMUNICATION

DATE: February 18, 1974

TO: Randy Reynolds
Environmentalist

FROM: W. Everette Lynn, Jr. WEL
Soil Scientist

SUBJECT: APT #6621 (Ralph Squires Construction Co.)
Lot No. 18-D, Brigadier Lane
Jefferson Colony Subdivision
9-5-73

The lot was found to consist of alluvial soils and soils of the Enon series.

The alluvial soils occur along a natrual drainageway and have a seasonal high water table. The Enon soils have plastic and sticky clay subsoils which contain swelling clay minerals. These soil characteristics result in inadequately slow percolation rate and permeability.

Based on this investigation, it appears that the lot is unsuitable for installation of a septic tank system.

WEL:jdg

MECKLENBURG COUNTY
Department of Public Health

1200 Blythe Boulevard
Charlotte, North Carolina 28203

Telephone 374-2113

Date Issued
1. 2-18-74
2. _____
3. _____

SDR No. 6821
T.C. No. 139-015-18
12-14-73

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

NAME OF OWNER Ralph Squires Construction Company, Inc.

ADDRESS OF OWNER P.O. Box 25178 ZIP 28215

LOCATION OF LOT 8823 Brigadier Lane, Lot 18-D

The lot described above has been disapproved for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge due to the following:

FAILURE TO PASS PERCOLATION TEST (60 minutes per inch or less)

	Test No.	Date of Test	Percolation Rate
____	1.	_____	_____ min/in
____	2.	_____	_____ min/in
____	3.	_____	_____ min/in

X ON SITE INSPECTION REVEALED LOT TO BE UNSUITABLE FOR THE FOLLOWING REASON(S) 9-5-73 - The lot was found to consist of alluvial soils and soils of the Enon series. The alluvial soils occur along a natural drainageway and have a seasonal high water table. The Enon soils have plastic and sticky clay subsoils which contain swelling clay minerals. These soil characteristics result in inadequately slow percolation rate and permeability.

W. Everette Lyon, Jr.
Soil Scientist

Environmentalist

(Stencil No.)
EHD 398
8/70

FORM NO.
E-19-8-14-70

MECK COUNTY HEALTH DEPT.
RECEIVED
NOV 4 1974
ENVIRONMENTAL HEALTH DIVISION

T. C. No. 139-015 19

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

WELL RECORD

Drilling Contractor Crawford Well Drilling Reg. No. 379 Well Permit No. 6622

1. Town Mint Hill County Mecklenburg
2. Location 5811 Brigadier Lane Lot 19 Quadrangle No.
   Show a sketch of location on back of form Block D
3. Owner Ralph Squires Const. Co. Inc.
   Address 3600 Milton Road - Char. - 28212
4. Topography: draw, slope, hilltop, valley, flat
5. Use of Well Domestic Date Completed 10/30/74
6. Rig type or method Air Rotary Total Depth 340
7. Casing:

	Depth From	Depth to	Diam.	Type
	0	38 ft.	6¼ in.	185

8. Grout:

	Depth From	Depth to	Material	Method
	0	22 ft.	in.	Sakrete

9. Screen:

	Depth From	Depth to	Diam.	Type and Opening
		ft.	in.	

10. Water Zones (depth) 100 + 300
11. Static Water Level: 10 ft. above/below top of casing
    which is 1 ft. above land surface. Elev.
    Date 11-1-74
12. Yield (gpm) 5 Method of testing Air
13. Pumping Water Level: 200 ft. after 8 hrs.
    at 5 gpm.
14. Water Quality Temperature (°F)
15. Well sterilization method H T H
16. Permanent Pump: Y Type Sub Make Myers
    Installed — Date 11-1-74 By Crawford
    Capacity 5 (gpm) Hp. 1/3
    Intake depth Airline depth
17. Remarks:

I do hereby certify that this well record is true and correct.

Charles K. Crawford
SIGNATURE OF CONTRACTOR OR AGENT

DRILLING LOG

From	To	Formation
0	30	Red Clay
30	38	Brown Shell
38	340	Blue Granite

FORM NO. E-22-9-1-72