Date Received 6-5-85

SIR No. 19757

T. C. No. 137-04-08

Map Date _____

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 P.O. BOX 25178 ZIP 28212

3) PHONE NO. Home _____ Office 568-5263

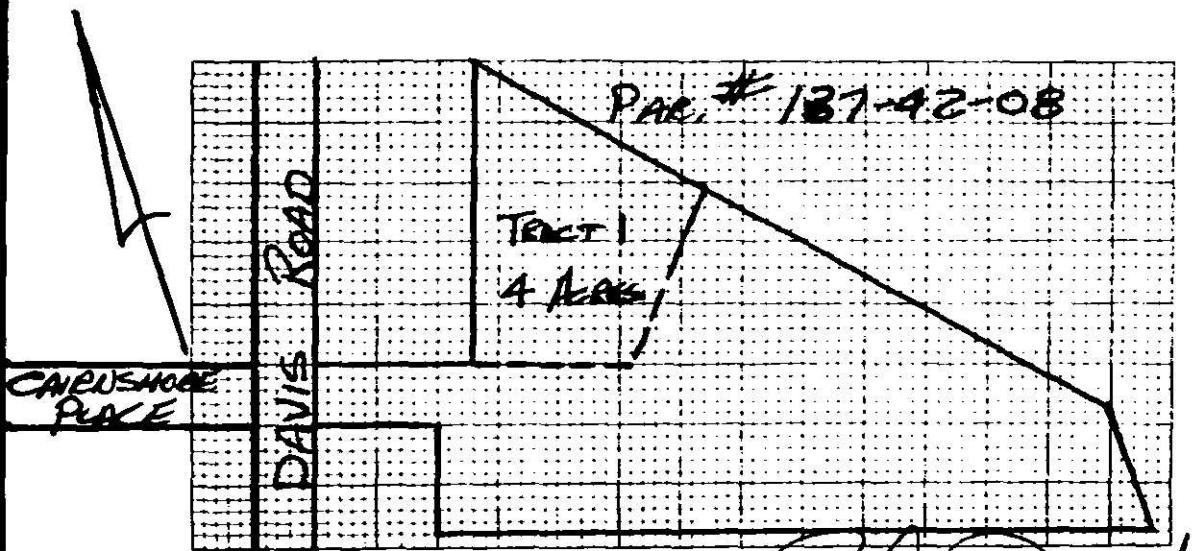
4) LOCATION OF PROPERTY TRACT #1 DAVIS ROAD
(STREET OR COUNTY ROAD)

5) SUBDIVISION N/A LOT NO _____ BLOCK NO. _____

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK 3970 PAGE NO 081

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

OWNER

EHD-5-76

Environmental Health Department's Copy

Serial No. 5073

SIR No. 19757

T. C. No PO 137-042-08

Date Issued 6-20-83

Map Date

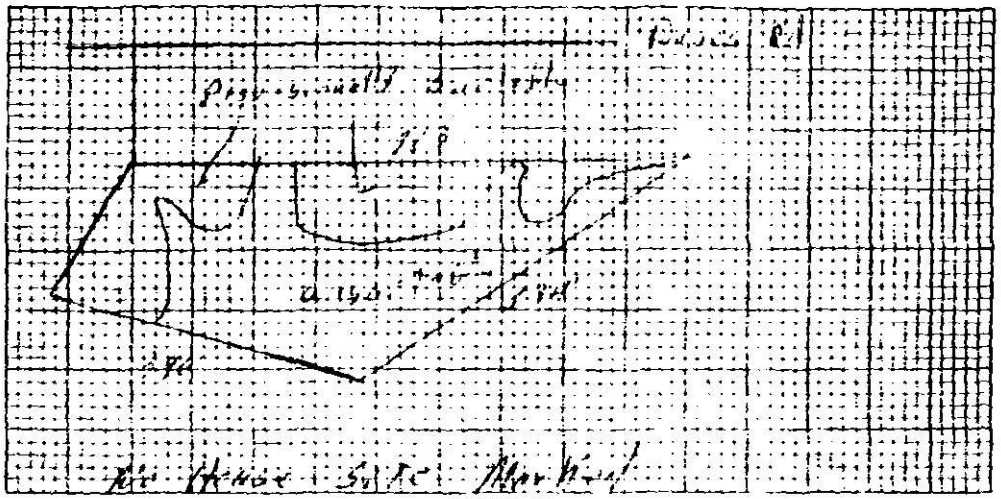
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Ralph Squires Construction Co Inc
(LAST FIRST MIDDLE)

ADDRESS OF OWNER PO Box 25178 Charlotte, NC ZIP 28212

LOCATION OF PROPERTY Tract #1 Davis Road
(STREET OR COUNTY ROAD)

SUBDIVISION N/A LOT NO BLOCK NO



PLOT PLAN

This is to certify that a soil investigation has been made by the Mecklenburg County Department of Environmental Health on the property described above. The soil investigation was conducted on that portion of the lot designated on the above plot **Provisionally Suitable**

The permeability rate determined by the investigation was The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following requirements:

1. A permit must be obtained from the Mecklenburg County Department of Environmental Health prior to the construction or installation of the wastewater treatment system on the said lot.
2. The size of the septic tank and the total length of the soil absorption field will be determined by the Mecklenburg County Department of Environmental Health in accordance with the permeability rate obtained above and on the size and type of building construction thereon.
3. This approval is valid only for the location as marked on the above plot and is acceptable for system installation on the above plot.
4. This approval is void of any grading that may change the soil characteristics of the area in which a well is performed on the lot which in the opinion of the Mecklenburg County Department of Environmental Health renders the area not suited as acceptable for system installation until such time as the soil characteristics of the area are suitable for the repair of such a 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. Martin
Soil Scientist
EHD-5-76

Environmental Health Director or
Authorized Section Head

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19257

T.C. NO. PO 132-042-06

(Ground Absorption Sewage Disposal)

OWNER: Ralph Lewis Const Co. Inc PLAT NO: Tract #1
ADDRESS: P.O. Box 75126 LOT SIZE: Appx 174 Acres
Charlotte, N.C. 28211
LOCATION OF SITE: off Davis Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 0-15%	S (PS) U complex slopes	(S) PS U 2-5%	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U clay	S (PS) U clay	S PS U 2-1 clay	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S (PS) U Blocky	S PS U
4. SOIL DEPTH (inches)	S PS U 36-48"	S PS U Depth variable	S (PS) U 30-48"	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U >36" to saprolite	S PS U <36" to saprolite	S (PS) U >36" to saprolite	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) PS U >48" to groundwater	S PS U Eroded Moderate Drainage	S perched water table PS U 18-30"	S PS U
7. OTHER (Specify)	S PS U Some rock	S PS U	S PS U	S PS U
8. SOIL GROUP	IVB	IVA	IIB	
9. SITE CLASSIFICATION	Provisionally Suitable	unsuitable	generally suitable	
10. SOIL SERIES	Cecil Lilla	Complex slopes	Helena & Ha	

S - Suitable PS - Provisionally Suitable U - Unsuitable

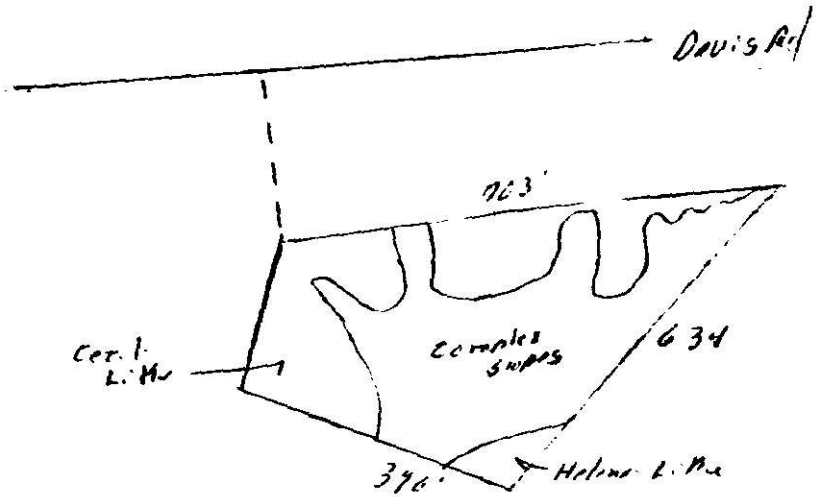
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: No house site marked

Described by: William B. Martin
Title: Soil Scientist

Date: 6-20-83

EHD 539 (Revised: 6/82)


Davis Rd
763'
Cen. l.
L. Ma
complex
slopes
634
376'
Holmes L. Ma

Date Received 6-11-85

RECEIVED

CAR(S) Application No 19757

T. C. No. PO 137-042-08

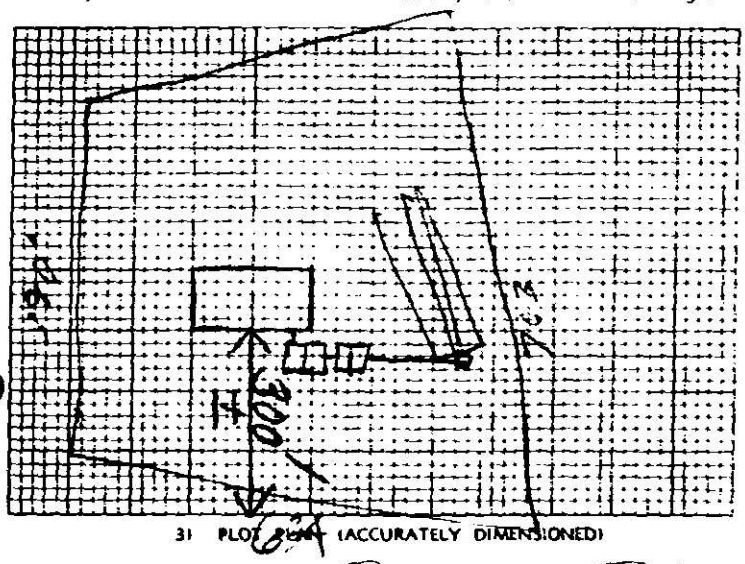
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to

1) ✓ (Install or Construct 2) _____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____ Yes ____ No
Residence ✓ Yes ____ No
4) No of Bedrooms 3
5) Business Use — Max No Employees ____
6) Washing Machine ✓ Yes ____ No
7) Garbage Disposal ____ Yes ✓ No
8) Dishwasher ✓ Yes ____ No
9) Water Supply
A) Individual Well ✓
B) Governmental System ____
C) Community System
1 Well source ____
2 Governmental source ____
10) Sewage System
House located within 200 feet of public sewer ____ Yes ✓ No
House located within 200 feet of community sewer ____ Yes ✓ No
11) FHA Case No ____
12) VA Case No ____

13) NAME OF OWNER Byrum (LAST) Robert (FIRST) R. (MIDDLE)

14) ADDRESS OF OWNER 6913 Wynbend Lane, Charlotte 28212

15) PHONE NO. Home 545-5906 Office 594-2047

16) LOCATION OF SYSTEM 10417 Cairnsmore Place (STREET OR COUNTY ROAD)

17) SUBDIVISION _____ Lot No. Tract # 1 Block No. _____

Map Book No. 20 Page No. 871

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 6-20-83

20) PTR NUMBER (See Instructions) _____

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

June 10, 1985
DATE OF APPLICATION

Robert R. Byrum
OWNER

EHS-5-76

Serial No. 8613

SIR No. 19757

Date Issued 6-12-85

T. C. No. PO 137-042-08

Map Date L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Byrum, (LAST) Robert (FIRST) R. (MIDDLE)

ADDRESS OF OWNER 6913 Wyndbend Lane, Charlotte, NC ZIP 28212

LOCATION OF LOT 10417 Cairnsmore Place (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO._____ BLOCK NO._____

MAP BOOK NO._____ PAGE NO._____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number ~~19757~~. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altered, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

*** LIFT STATION WILL BE REQUIRED ***

Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

Serial No. 08427

Date Issued 8/23/85

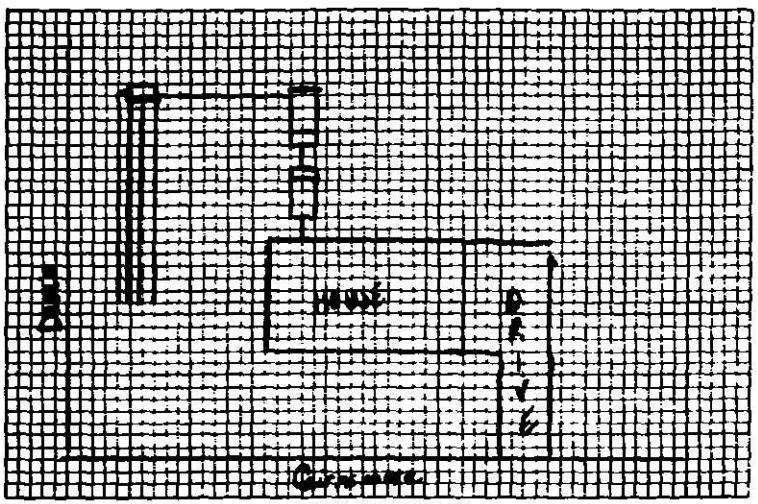
ICAR(S) Permit No. 19757

T. C. No. 80 137-042-06

Map Date /

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 19757, dated 6/11/85 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 9/23/85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500+1000

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 400'

Number of Lines 4

Distance from House 15'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Byrum Robert R.

LOCATION OF PROPERTY 10417 Cairnsmore Place

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

4 Trenches 3'x100'x12" stone with gradeboards, straw as cover

Comments:

B. Hawley Lee
Division or Section Head

Cynthia G. Boss
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

BHB-5-76

Environmental Health Department's Copy

C of A (s) No. 19757

Date Issued 8/29/85 **Serial** 7811 T C No 137-042-08 PO L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Byrum (LAST) Robert (FIRST) R (MIDDLE)

Location of Property 10417 Cairnsmore Place

Application Number 19757 Permit Number 19757

Inspection Data:

Liquid Capacity of Tank 1500+1000 Tank Material PCC

Total Length of Drain Tile 400' Number of Lines 4

Depth of Filter Material 12" Cover Depth 6"-12"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 8/29/85 (DATE) Tank Inspected 8/29/85 (DATE)

Nitrification Field Inspected 8/29/85 (DATE)

Washing Machine Line Inspected, If Applicable ____ (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, ____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments 1500ST, 1000DT, CON 1200SFT, 12" CECIL

Cynthia G. Bass
Environmentalist

EHD-5-76

Environmental Health Department's Copy