C of A (s) No 16243

Date Issued 5-30-05 **Serial** 7569 T C No 049-261-1C

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF APPROVAL

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

Name of Owner HUDSON (LAST) JAMES (FIRST) (MIDDLE)

Location of Property 8119 KNOLLWOOD

Application Number 16243 Permit Number 16243

Inspection Data:

Liquid Capacity of Tank 500 + 1000 Tank Material PVC

Total Length of Drain Tile 500' Number of Lines 5

Depth of Filter Material 3' Cover Depth 9"

Water Supply Source well Distance from Water Source 52'

Excavation Inspected 5-20-05 (DATE) Tank Inspected 5-30-05 (DATE)

Nitrification Field Inspected (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

Environmentalist

EHD-5-76

Environmental Health Department

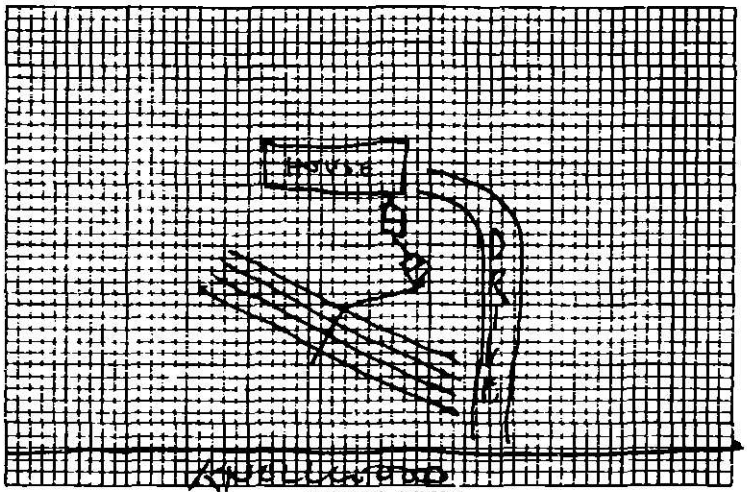
Date Issued 4 23 95 Serial No. 08033 ICAR(S) Permit No. 16243

T C No. P0049-261-10

Map Date L

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 16243, dated 3 14 95 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 5 23 95, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate IV A

Liquid Capacity of Tank ST 1500 PT 1000

Tank Construction PCC

Absorption and/or Nitrification Lines

Total Line Length 560'

Number of Lines 8

Distance from House 15'+

Distance from Property Line 10'+

Distance from Well 50'+

NAME OF OWNER HUDSON, JAMES

LOCATION OF PROPERTY 8114 KNOLLWOOD CIR

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.

See plans Install according to plans on file

Comments:

B. Hudson
Division or Section Head

Kelly Randell
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.

EHD-5-76

Environmental Health Department's Copy

Date Issued 12-12-84

Serial No. 8055

SIR No. 16243

T C No PO 049-261-10

Map Date L, CBT

IMPROVEMENT PERMIT

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 Hudson, (LAST) Jim (FIRST) (MIDDLE)

ADDRESS OF OWNER P. O. Box 31744, Charlotte, NC ZIP 28231

LOCATION OF LOT 8114 Knollwood Circle (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 16243. 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.

*** AGREEMENT FORM ON FILE ***

Kelly Randall
Environmentalist

Eric D. Hardister
Environmental Health Director, or Authorized Section Head

EHD-5-76

Site reclassified Provisionally Suitable pursuant to 10 NCAC 10A .1938(c) and Departmental policy regarding alternate septic tank system installation.

Environmental Health Department's Copy

81

PRESENTED FOR REGISTRATION
DEC 11 1 12 PM '84

REAL ESTATE BOOK PAGE
4943 0035 FILE NO. 16243

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

CHARLOTTE MECKLENBURG REGISTER OF DEEDS

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, James H. Hudson and Robin I. Hudson

owner of property located at 8114 Knollwood Circle Charlotte, NC 28213

("the site") and described in an instrument recorded in Book 4906 at Page 93, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed thereon under the Grantor Index in the names or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 7th day of December, 1984.

James H. Hudson (SEAL)

Robin I. Hudson (SEAL)

FEE 5.00
CASH 5.00
16:39 #4208 000
12/11/84

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Rebecca B. Barron, a Notary Public for said County and State, do hereby certify that James H. Hudson & Robin I. Hudson personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 7th day of December, 1984.

Rebecca B. Barron
Notary Public

My Commission Expires: My Commission Expires 11/1/87

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal and attested by _____.

WITNESS my hand and notarial seal, this _____ day of _____, 1984.

_____
Notary Public

My Commission Expires: _____

Prepared by James H. Hudson, Mail to Dept. of Enviormental Health

REAL ESTATE
BOOK PAGE

4943 0036

State of North Carolina, County of Mecklenburg
The foregoing certificate(s) of Rebecca B. Barron

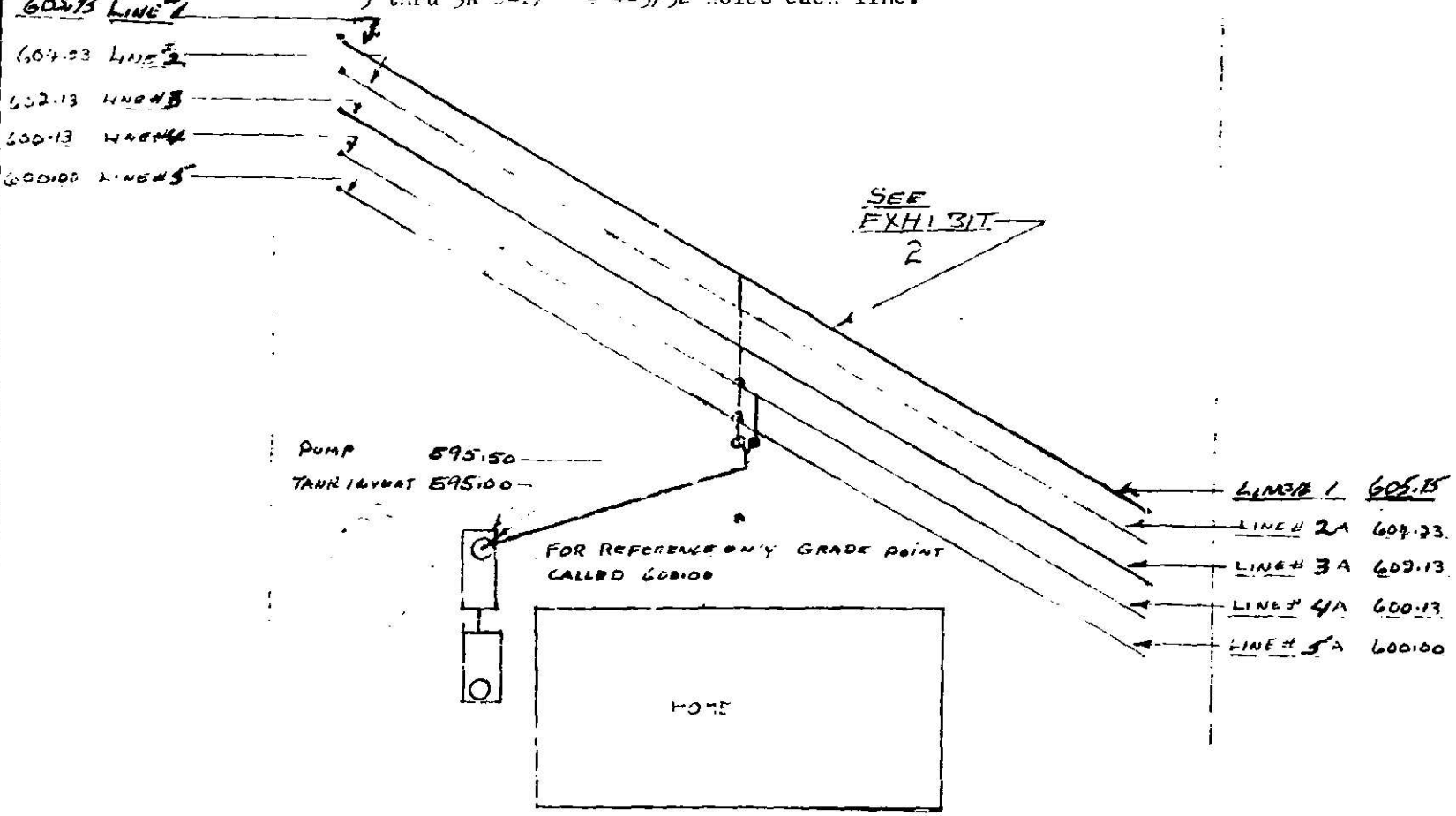
a Notary(ies) Public of said County and State
is/are certified to be correct. This 11 day of December 1984
Charles E. Crowder, Register of Deeds, By: DEPUTY

1.00
1.00
5.00

MECK COUNTY DEPARTMENT OF
RECEIVED
DEC 20 1984
ENVIRONMENTAL HEALTH

KNOLLWOOD

5 lateral lines 112 Ft. each over supply line
1 91A 24 5/32 holes 5 Ft. apart.
2 92A SAME
3 thru 5A 8-1/2" = 4-5/32"holes each line.



450gal.	Daily waste flow
1500 gal.	Septic tank size
1000 gal.	Pumping tank size
0.16	Effluent loading rate
2800 Ft.	Absorption area
560 Ft.	Total length of laterals
1¼"	Lateral diameter
2"	Lateral configuration
app.40'	Supply line length
2"	Supply line diameter
center	Manifold placement
1/8 & 5/32	Hole size*
5 Ft.	Hole spacing
120	Number of holes
4 Ft.	Pressure head
5?32 .41gpm	Flow per hole 1/8-.37gpm
40 gpm	Total flow
9.5 Ft.	Elevation head
2.5 Ft.	Friction head
4 Ft.	Pressure head
16.0 Ft.	Total head
40gpm @ 15 Ft	Pump requirements
31.5	Storage volume in laterals
10.4	Storage volume in supply line
41.9	Total storage volume
192gals.	Dosing volume
7.5 "	Dosing depth
yes	Check valve needed?

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Line No.	Hole Size	# Holes	Head Pressure	Flow/Hole	Hole Spacing*	Flow/Line
1	5/32	12	2	.41	5Ft.	5.7[illegible]
1A	5/32	12	2	.41	"	5.7[illegible]
2	5/32	12	2	.41	"	5.7[illegible]
2A	5/32	12	2	.41	"	5.7[illegible]
3	1/8 & 5/32	3-1/8 4-5/32	3	.37	"	5.1[illegible]
3A	1/8 & 5/32	3-1/8 4-5/32	3	.37	"	5.1[illegible]
4	1/8 & 5/32	8-1/8 4-5/32	4	.32	"	4.4[illegible]
4A	1/8 & 5/32	8-1/8 4-5/32	4	.32	"	4.4[illegible]
5	1/8 & 5/32	8-1/8 4-5/32	4	.32	"	4.4[illegible]
5A	1/8 & 5/32	8-1/8 4-5/32	4	.32	"	4.4[illegible]

APPLICATION FOR AN IMPROVEMENT PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

OFFICE USE ONLY:

FILE: 16243

TC: 049-261-10 L

JOB LOCATION

① ADDRESS: 9114 (STREET NO) Knollwood (STREET) Circle ② FILE:

③ CITY: Charlotte ④ TAX PARCEL NO.:

⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: Hudson (FIRST) James (MIDDLE) H. (LAST)

⑨ MAILING ADDRESS: 9114 Knollwood Circle

⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28213

⑬ PHONE: (WORK) 525-2380 ⑭ (HOME) 548-7573

REQUEST

This request is for a(n):

⑮ ☐ New installation permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☑ Repair or alteration permit ⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 3 ㉕ Type?

㉓ Maximum occupancy? ㉖ Maximum number of employees?

㉔ Basement? ☑ yes ☐ no ㉗ Maximum number of seats?

WATER SUPPLY

㉙ Water supply from (present or proposed):

A ☑ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉚ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: James H Hudson

Date:

㉘ Accurately dimensioned plot

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

Date Received 5-14-84

RECEIVED
MAY 14 1984
ENVIRONMENTAL HEALTH

ICAR(S) Application No. 16243

T C M P 0049-264-16

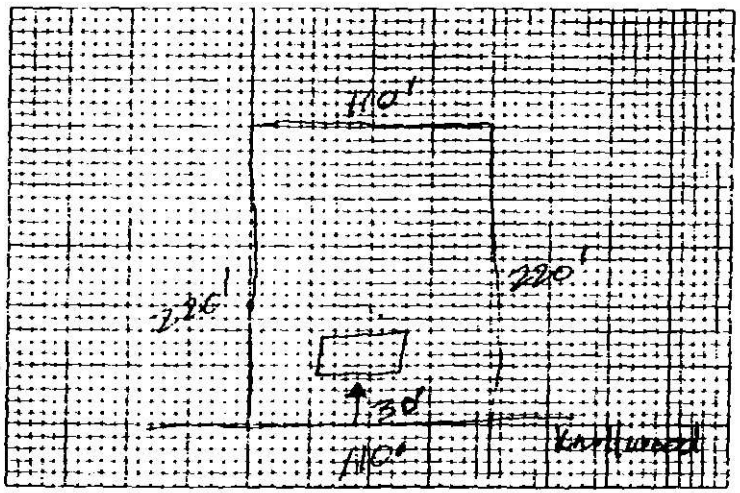
Map Date L

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 the 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 Hudson (LAST) Jim (FIRST) (MIDDLE)

14) ADDRESS OF OWNER PO B 31744 (LAST) Charlotte (FIRST) 28231 (MIDDLE)

15) PHONE NO Home ~~AT&T contractor~~ 525-2380 Office ~~567-0486~~

16) LOCATION OF SYSTEM 8114 Woodwood CIRCLE (STREET OR COUNTY ROAD)

17) SUBDIVISION Knollwood Lot No. 11 Block No. 21H

Map Book No 49 Page No. 26

18) DEED REFERENCE — DEED BOOK _____ AT PAGE _____

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ____ NO DATE RUN 1976 Nov

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.

MAY 14 1984
DATE OF APPLICATION

Jim Hudson
OWNER

EHO-S-76

Environmental Health Department's Copy

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

SIR. NO. 16243
T.C. NO. PO 049-261-10
DATE: 5-25-84

James Hudson
P. O. Box 220673
Charlotte, NC

RE: Property located at Knollwood Circle, Lot 11

Dear Mr. Hudson:

At your request, a field investigation was conducted on the property designated above and was classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Sites classified as unsuitable may be utilized for soil absorption disposal systems provided engineering, hydrogeologic, soil and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be reasonably expected to function satisfactorily.

Should you desire to file for permission to install an alternate system, plans and specifications prepared by a person with a demonstrated knowledge of ground absorption sewage treatment disposal systems, soil and rock characteristics, groundwater hydrology and drainage systems should be submitted to this office. They will be reviewed and if it is found that the system may be reasonably expected to function satisfactorily, approval will be given upon the execution by you of "Septic Tank Agreemnt Form" provided by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 16243

T.C. NO. 70049-241-10

(Ground Absorption Sewage Disposal)

OWNER: James Hudson
ADDRESS: P.O. Box 240673
Charlotte, N.C.
LOCATION OF SITE: Knollwood Lot 11

PLAT NO:
LOT SIZE: 24,000 - 56

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-10 U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) Clayey U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS 24-36" (U)	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) None U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) Adequate U	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIa			
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Eroded Too Much To Identify			

S - Suitable PS - Provisionally Suitable U - Unsuitable

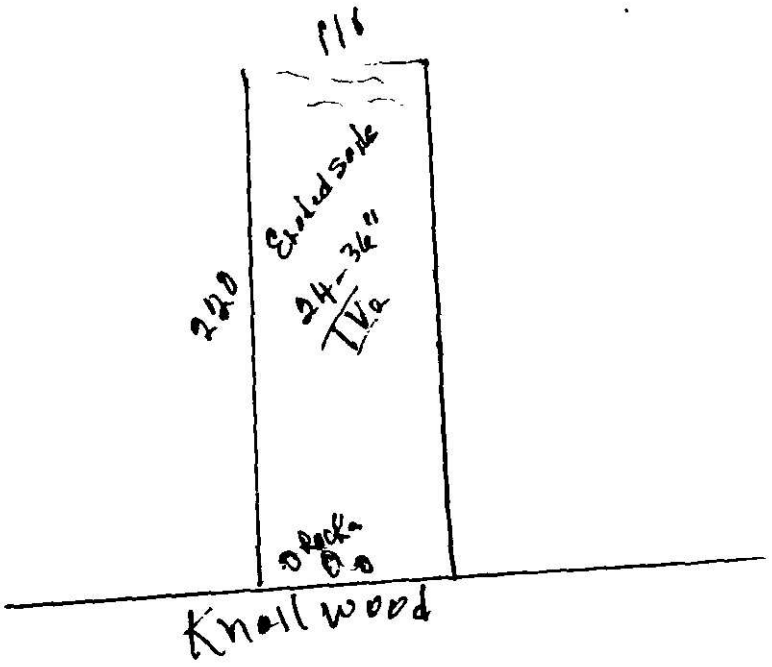
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: W. B. Kennedy
Title: Soil Scientist

Date: 5-23-84

2H


fill
Enclosed
24-36"
IVa
220
Knollwood

Date Received 5-14-84

MECK COUNTY DEPARTMENT OF
RECEIVED
MAY 14 1984
ENVIRONMENTAL HEALTH

SIR No. 16243
T. C. No. 049-261-10
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Hudson (LAST) James (FIRST) c/o A&A Construction (MIDDLE)

2) ADDRESS OF OWNER P.O. Box 220613 Charlotte ZIP 28

3) PHONE NO Home same Office 5670486

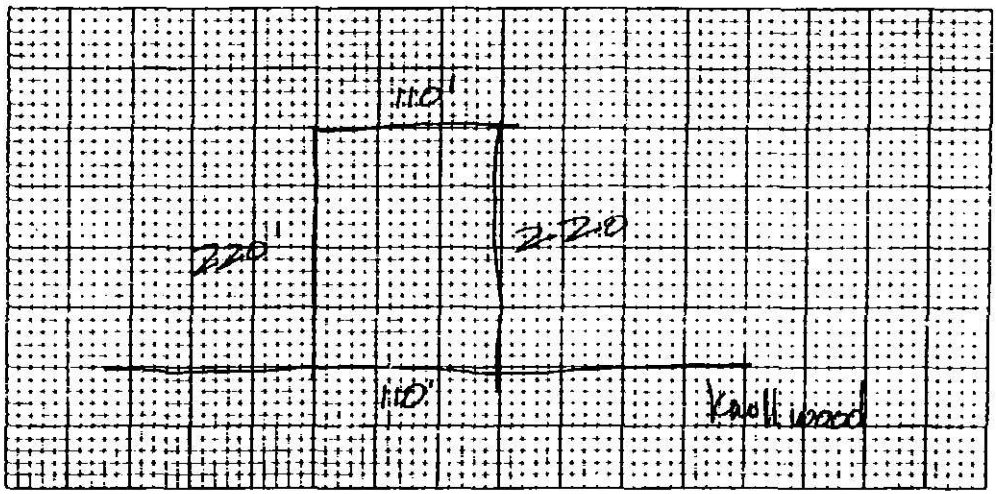
4) LOCATION OF PROPERTY 8144 Knollwood Circle (STREET OR COUNTY ROAD)

5) SUBDIVISION Knollwood LOT NO 11 BLOCK NO. 2HH

MAP BOOK NO 49 PAGE NO. 26

6) DEED REFERENCE DEED BOOK _____ PAGE NO _____

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

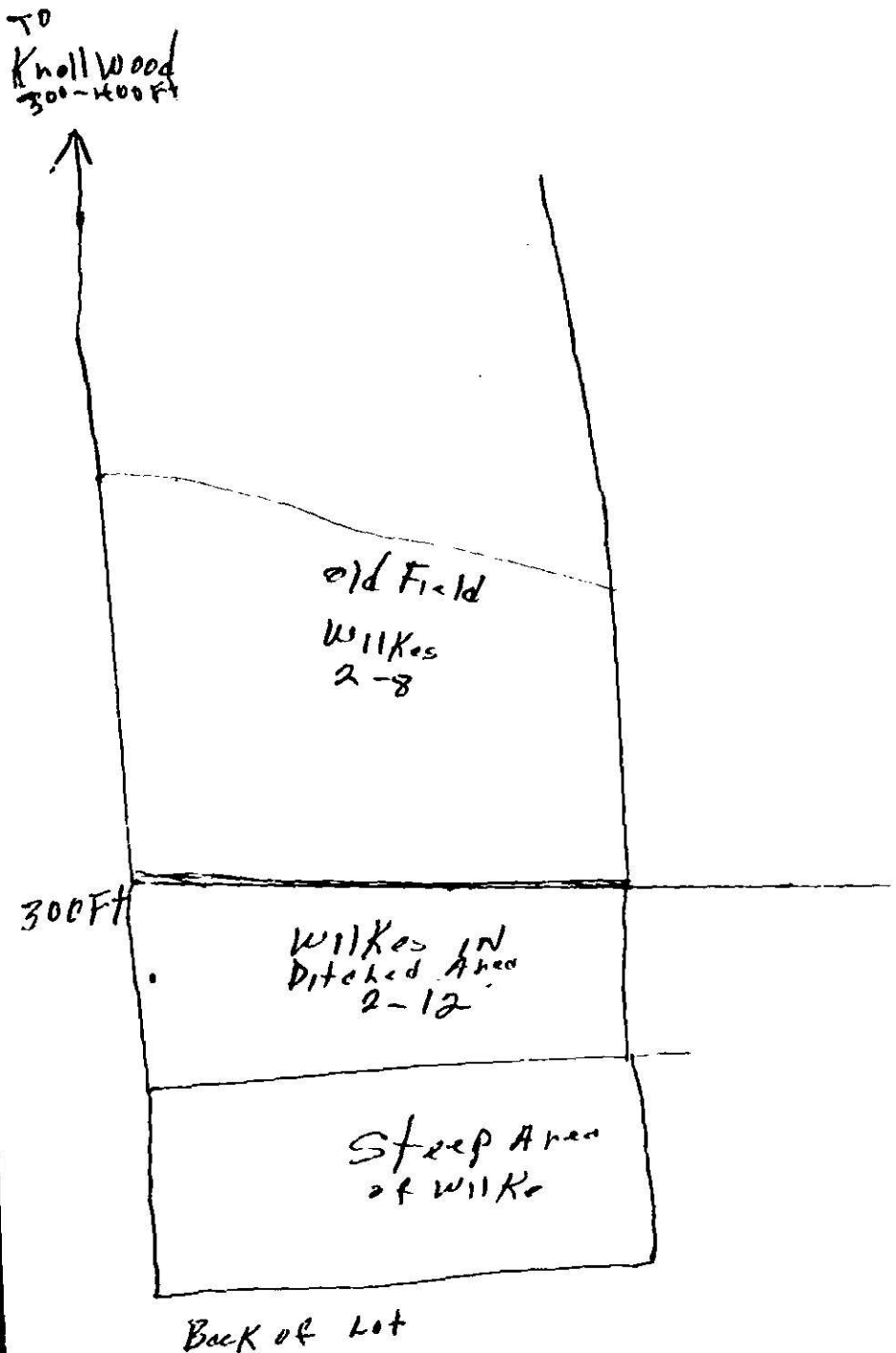


7) ACCURATELY DIAGRAM & DIMENSION LOT

Jim Hudson
OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY


TO
Knollwood
300-400 Ft
old Field
Wilkes
2-8
300Ft
Wilkes IN
Ditched Area
2-12
Steep Area
of Wilkes
Back of Lot

Survey with Slager. All Trees Have Been Removed & Soil Very Disturbed.

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 16243

T.C. NO. 10 019-261 M

(Ground Absorption Sewage Disposal)

OWNER: James Hudson
ADDRESS: P.O. Box 220673 Charlotte, N.C.
LOCATION OF SITE: Rockwood Rd II

PLAT NO:
LOT SIZE:

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U 8-10	S (PS) U 8-6	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) Mixed Clay	S PS (U) Mixed Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS (U) Blocky & Weak Blocky	S PS (U) Blocky & Weak Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) 15-20"	S PS (U) 15-20"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U None	S (PS) U None	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U Adequate To Slow	S PS (U) Slow	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIB & IIA	IIB		
9. SITE CLASSIFICATION	Workable	Unworkable		
10. SOIL SERIES	Graded Disturbed Soils	Mecklenburg		

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: All Trees Have been pushed up by roots And lots dressed up with A Dozer.

Described by: W. B. Ramsey
Title: Soil Scientist

Date: 10-23-84

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 Blythe Boulevard
Charlotte, North Carolina 28203

August 30, 1984

James Hudson
3500 Taurus Drive B-3
Charlotte, NC 28205

Re: Property located at Knollwood Cr., Lots 10 & 11 (SIR #16243) T.C. #P0 049-261-10

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation, showed the site to be classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as **UNSUITABLE** may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as **PROVISIONALLY SUITABLE** upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

If I may be of any assistance, please feel free to call.

Sincerely,

Buie D. Hardison, Jr.

Enclosure

DEPARTMENT OF ENVIRONMENTAL HEALTH MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 16243

T.C. NO. PO 049-261-16

(Ground Absorption Sewage Disposal)

OWNER: JAMES HUDSON PLAT NO:

ADDRESS: 3500 TAUROT DRIVE 28205 LOT SIZE: 2A.+

LOCATION OF SITE: Lot 10 & 11 Knollwood Circle

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U — 2-10	S PS (U) — Complex 2 Slopes	S PS U	S PS (U) — 15-30
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) — Mixed Clay	S PS (U) — Mixed Clay	S PS U	S PS (U) — Mixed Clay
3. SOIL STRUCTURE (12-36 inches)	S PS (U) — Weak Blocky	S PS (U) — Weak Blocky	S PS U	S PS (U) — Weak Blocky
4. SOIL DEPTH (inches)	S PS (U) — 0-15"	S PS (U) — 10-15"	S PS U	S PS (U) — 12-15
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U — None	S (PS) U — None	S PS U	S PS (U) — None
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS (U) — Slow	S PS (U) — slow	S PS U	S (PS) U — Adequate
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IV e	IIe		IVe
9. SITE CLASSIFICATION	Unsuitable	Unsuitable		Unsuitable
10. SOIL SERIES	Wilkes A-C	Wilkes IN Complex Slopes		Steep Slope IN Wilkes

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: Provisional Suitable Soil was only one To Five Inches Deep. House Site Not Marked

Described by: W. B. Ramsey

Title: Soil Scientist

Date: 8-27-84

X

2H

Date Received 5-23-84

RECEIVED

SIR No. 16243

T. C. No. PO 049-261-10

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER HUDSON (LAST) JAMES (FIRST) H (MIDDLE OR)

2) ADDRESS OF OWNER 3500 TAUSS DR. APT B-3 ZIP 28210

3) PHONE NO. Home 536 7458 Office 523 2380

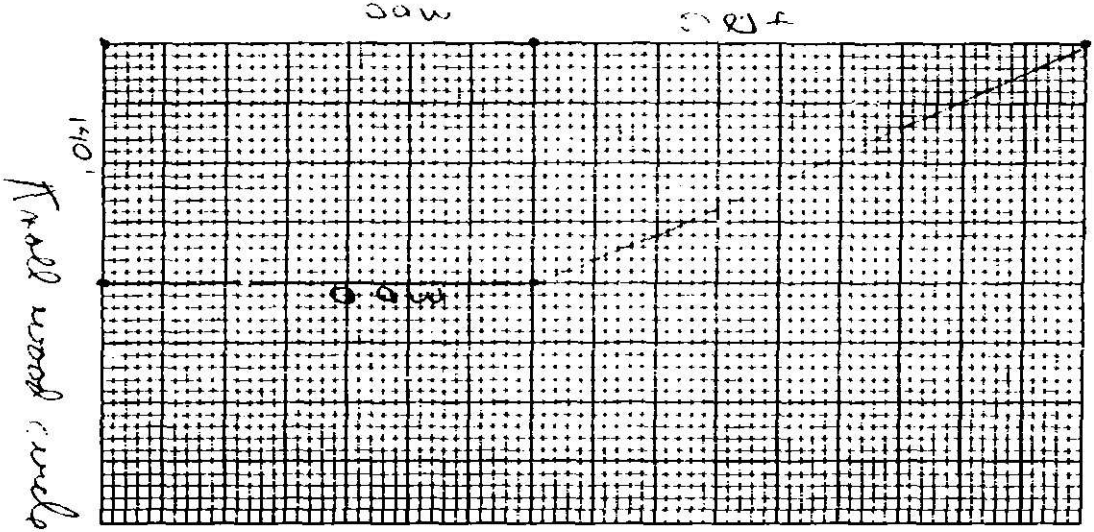
4) LOCATION OF PROPERTY 1st lot Knollwood Circle (STREET OR COUNTY RD)

5) SUBDIVISION Knollwood LOT NO 10 & 11 BLOCK NO.

MAP BOOK NO 49 PAGE NO 26

6) DEED REFERENCE DEED BOOK PAGE NO

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



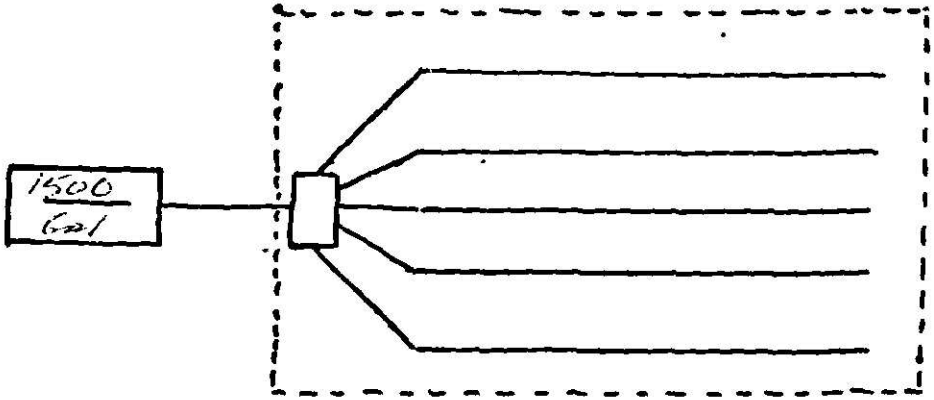
7) ACCURATELY DIAGRAM & DIMENSION LOT

James H Hudson
OWNER

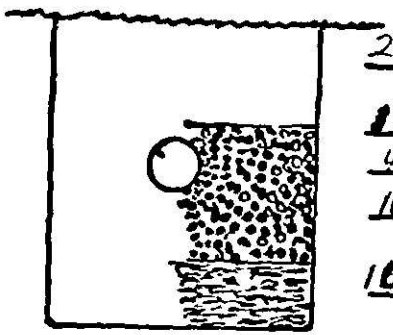
EHD-5-74

Environmental Health Department's Copy

16243



5 drain pipe 99' long 3' on center
1485 sq foot bottom area.
INSIDE DIAMETER LINE
4 LINES
BED. 11 x 31 x 17



24" minimum cover
8" stone over pipe
4" drain pipe
16" under pipe
10" sand

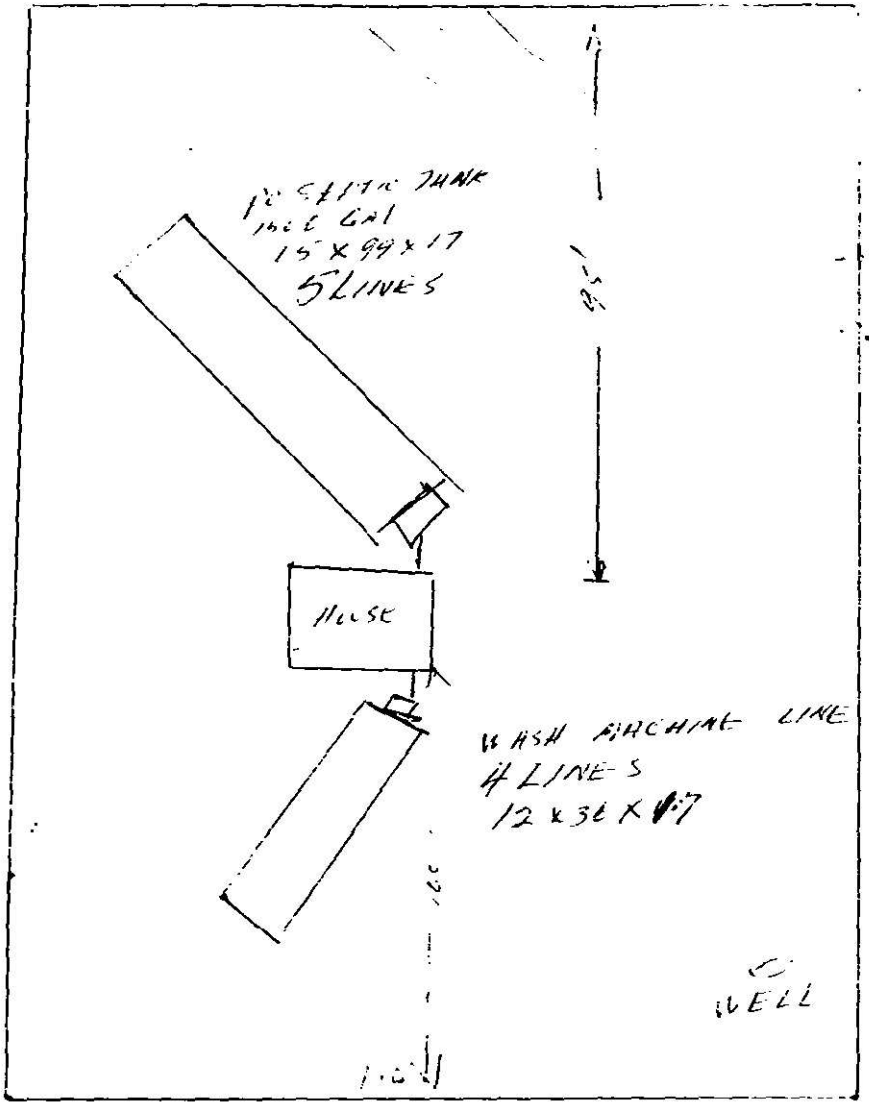
Submitted for consideration and approval:

Lot 11 Knollwood Circle
Owner: John K Card
Site 16243

Bed System

110

16243



LOT 11 Knollwood Circle

SITE 16243

Proposed Alternate Septic Tank System

SEE INSTRUCTIONS ON BACK

Date Received 2/21/80

ICAR (S) Application No 16245

T C No 02-044-261-10

Map Date

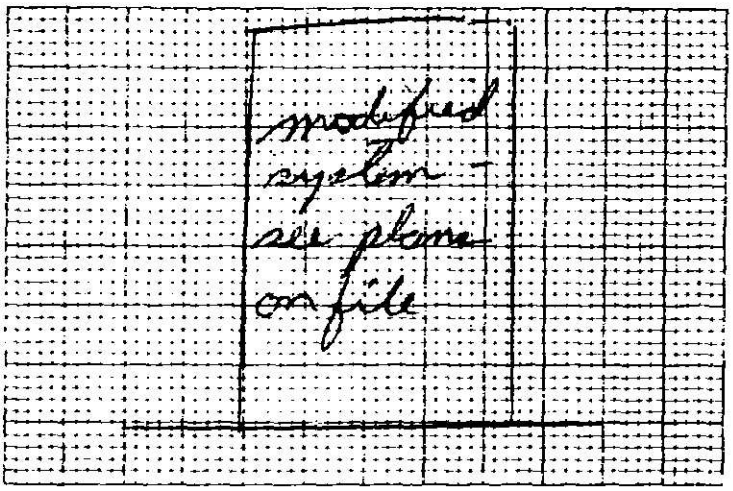
MECKLENBURG COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

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

The owner of the property described hereinafter hereby applies to the Mecklenburg County Health Department 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)

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 Ervin Realty, Inc
LAST FIRST MIDDLE

14) ADDRESS OF OWNER 12 13th St Charlotte NC 28213

15) PHONE NO Home 333-6509 Office ____

16) LOCATION OF SYSTEM Southwest Circle
STREET OR COUNTY ROAD

17) SUBDIVISION Sunset Hills Lot No. 11 Block No. 1

Map Book No 6 Page No. 77

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____ unavailable

19) HAS A PERCOLATION TEST BEEN RUN? ✓ YES ____ NO DATE RUN 10-29-79

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.

2/20/80
DATE OF APPLICATION

Jeffrey L Ervin
OWNER

FORM NO E-4-4-(-)

HEALTH DEPARTMENT'S COPY

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

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

SIR.NO. 16243
T.C.NO 20 049-261-10
MAP DATE
DATE Oct. 19, 1979

NAME OF OWNER John Civil, Civil Realty Company
ADDRESS OF OWNER PO Box 18054, Charlotte
LOCATION OF LOT Knollwood Circle, Lot 11

At your request and pursuant to Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

Soil Structure Massive
Soil Permeability Unsuitable
Site Classification Unsuitable

Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable. (Section 10 of the North Carolina Administrative Code 10 A,.1910)

If you desire to file for permission to install an "alternate or modified" system, you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily, approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R Adkisson

John R. Adkisson, Environmentalist

S.I.R. NO. 1243

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

APPENDIX H
SITE EVALUATION

T.C. # [illegible]

(Ground Absorption Sewage Disposal)

OWNER: [illegible] DATE REQUESTED:
ADDRESS: [illegible] PLAT NO.: Pt Lot 1
COUNTY: Charlotte, NC, 28216 LOT SIZE: 22.22
LOCATION OF SITE: Northwest Corner

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 2-10% U	(S) 2-8% PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S PS 2:1 (U) Clay	S PS 2:1 (U) Clay	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S PS massive (U)	S PS massive (U)	S PS U	S PS U
4. SOIL DEPTH (In.)	S PS 48" (U)	(S) Hy PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	(S) None PS U	(S) None PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) Water PS ground U water	S Drainageway PS Seasonal (U) H. Water Table	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S Slow PS U (U) V. Slow	S U PS Slow (U)	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		
SOIL SERIES	Mine Klenburg	Drainageway		

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: Lot recheck 6-12-84 Soil Repair 2-30 in W.R. Martin Soil Scientist

Described By: William R. Martin

Title: Soil Scientist Date: 10-18-79

DHS Form 2604 (2/77)
Sanitation

Date Received 10/16/29

MECK COUNTY DEPARTMENT OF
RECEIVED
OCT 1 0 19
ENVIRONMENTAL HEALTH

APT No. 16243

T C No PC 049-261-10

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Civil Realty, Inc.
(LAST) (FIRST) (MIDDLE)

2) ADDRESS OF OWNER PO 18054 Charlotte, NC ZIP 28218

3) PHONE NO Home 535-0509 Office

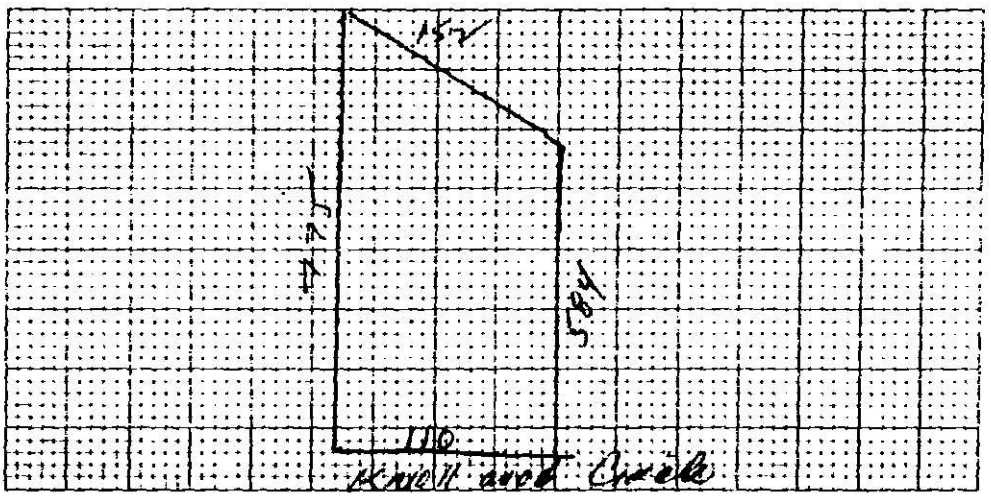
4) LOCATION OF PROPERTY Knollwood Circle
(STREET OR COUNTY ROAD)

5) SUBDIVISION Knollwood Acres LOT NO 11 BLOCK NO

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 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

Rocky River Rd

Environmental Health Department's Copy