Date Received 9-11-84

RECEIVED
SEP 10 1984
ENVIRONMENTAL HEALTH

SIR No. 21434
PROP No. 137-132-05
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Kemper (LAST) John (FIRST) William (MIDDLE)

2) ADDRESS OF OWNER 3309 DAN Hood Rd, Matthews ZIP 28105

3) PHONE NO. Home 847-9556 Office Same

4) LOCATION OF PROPERTY Blair Rd. (NC Highway #51) (STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO. 5 BLOCK NO. _____

MAP BOOK NO 84E & 1099 PAGE NO. 173 & 281

6) DEED REFERENCE: DEED BOOK 3237 PAGE NO. 146

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

John W. Kemper
OWNER

EHD-5-74

Environmental Health Department's Copy

PROPOSED PLOT PLAN

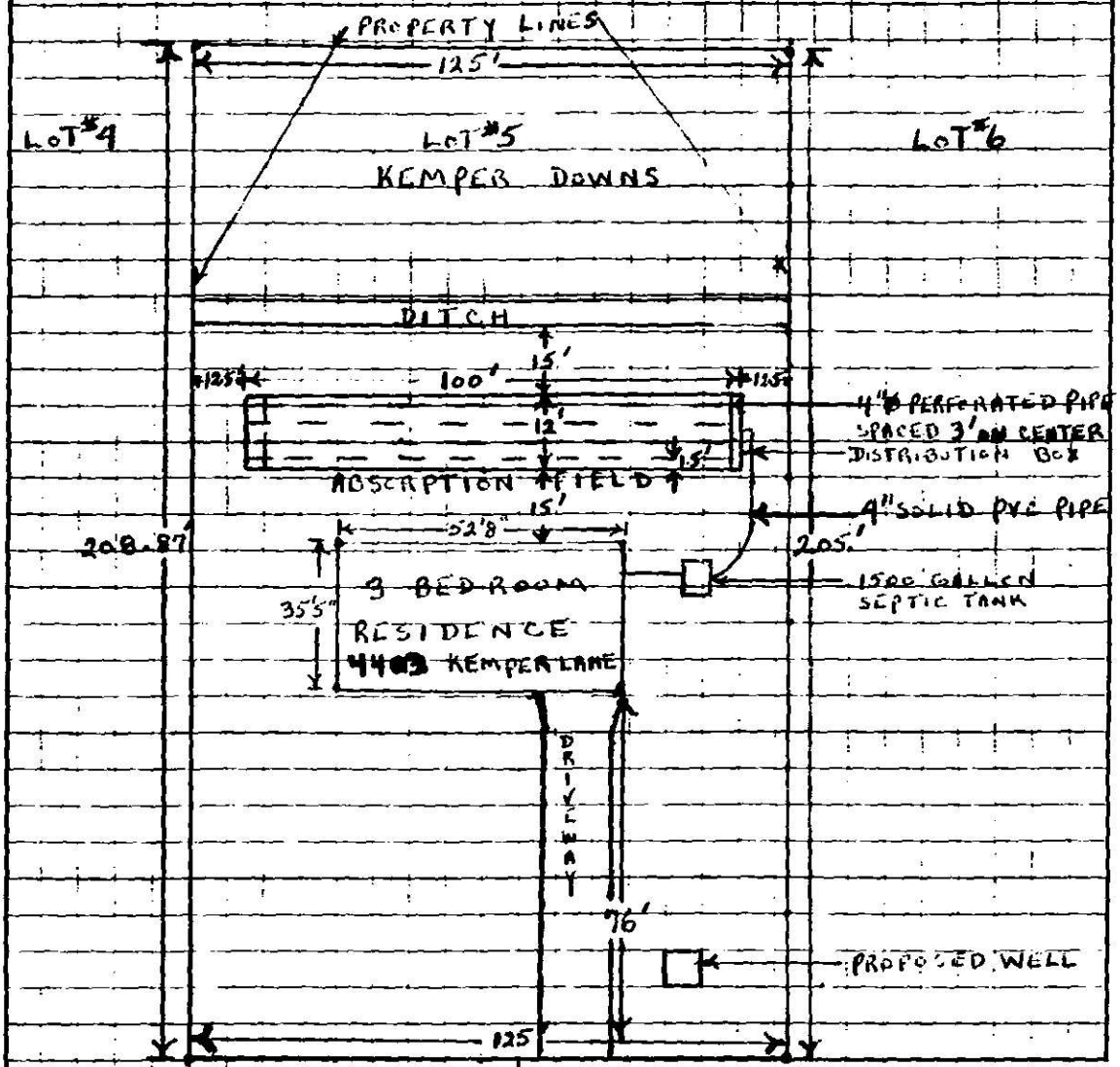
MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

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

FILE: 21134

TC: PO 137-132-05

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



4403 KEMPER LANE

PLOT PLAN

SCALE: 1" = 30'

Signed: John K. Epley

Date: 6/3/87

MECKLENBURG COUNTY
Department of Environmental Health

June 9, 1987

John K. Epley
4301 Kemper Lane
Charlotte, NC 28212

Dear Mr. Epley:

Subject: Property located at 4403 Kemper Lane
File: 21434

Receipt of the plans and specifications for a modified system of sewage disposal proposed for installation at the above referenced property is hereby acknowledged. Upon receipt of the plan, a review was made of the material on file and the plan was then reviewed in conjunction with provisions of 10 NCAC 10A .1900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal". Our comments are listed below:

1. The site evaluation report classifies the property as unsuitable as to soil depth in test Area I. However, State Sewage Regulations allow for "modified" systems provided certain design stipulations are met. In the "Pacolet" area soil depths range from 30-36 inches with the deeper soil located towards the rear of the property. Your proposal appears to be situated in the deeper soil as indicated on the plot plan; however, the bed system must be replaced with a trench system to be considered for approval. The trenches must remain shallow, not to exceed twenty-four (24) inches. The trenches should not exceed thirty-six (36) inches in width and lines must be nine (9) feet on center. The total system width should be approximately thirty (30) feet. The lot must be able to also accommodate a 100% repair area (1200 square feet of area). The repair area is not indicated on the plan.

2. The well may not be closer than fifty (50) feet from any part of the sewage disposal system or repair area.

For these reasons, the plans as submitted are disapproved. If desired, we will reopen the review upon submission of revised plans.

If you have any questions regarding these matters, please do not hesitate to contact me.

Very truly yours,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor

SDD/ir

Enclosures

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 21434

T.C. NO. P0137-132-0

(Ground Absorption Sewage Disposal)

OWNER: JOHN KEMPER
ADDRESS: 3309 DAN HOOD RD MATTHEWS 28215
LOCATION OF SITE: (Blair Rd) Kemper Lane Lots

PLAT NO:
LOT SIZE: 26,250 - .60

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) U — 10-16	S PS U — Complex Slope	S PS U — Fill	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U — Clayey	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U — Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U — 30-36 *	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U — None	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U — Adequate	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	Unsuitable	Unsuitable	
10. SOIL SERIES	Pacolet			

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: On 6-24-87 #30-87. Determine by more intense Soil Test That The Soil Depth Was A Rock Intrusion And Covered Only A Few Feet. The Report Is Amended To Read P.S. As To Depth.
William B. Ramsey, Soil Scientist

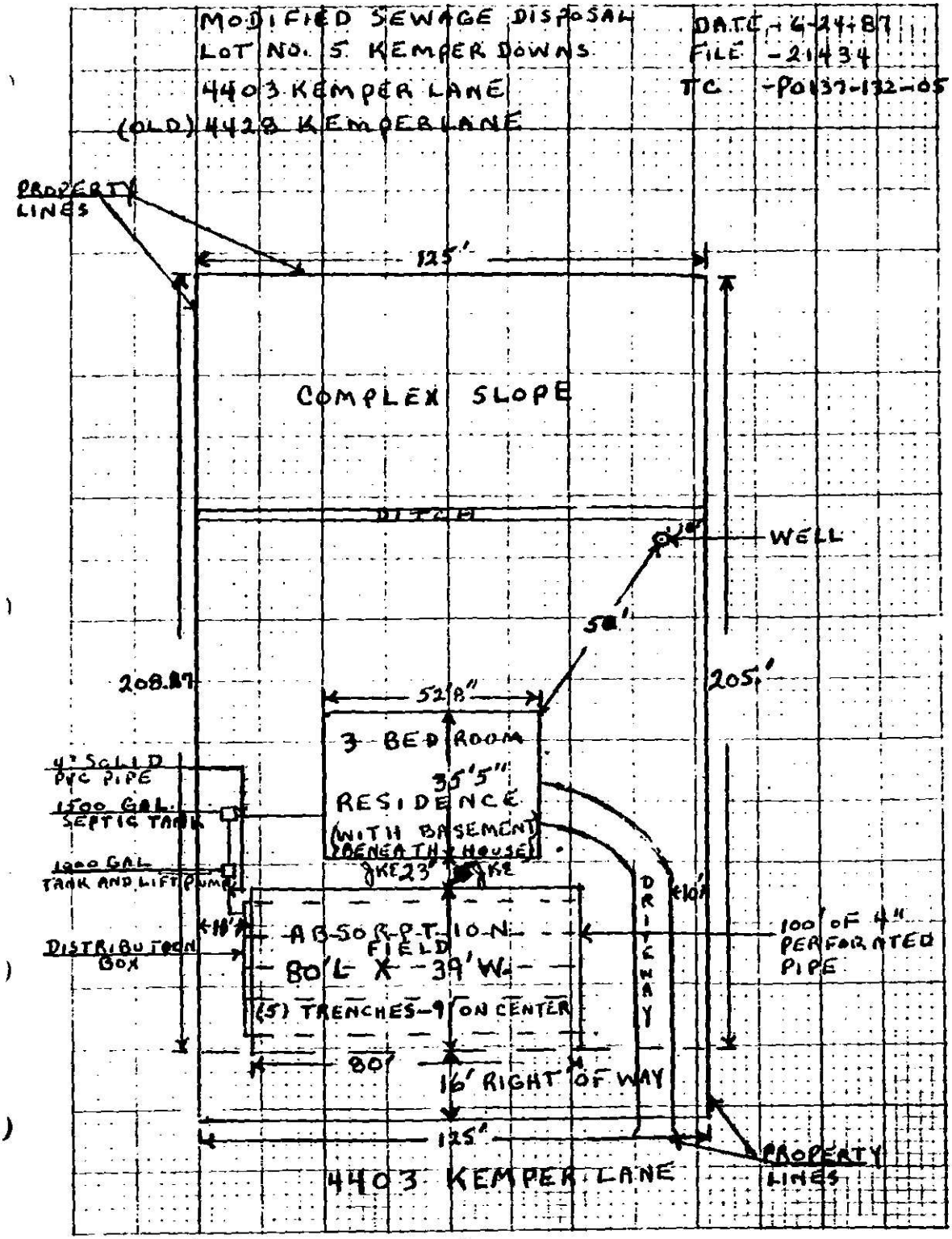
Described by: W. B. Ramsey
Title: SOIL SCIENTIST

Date: 11 — 26 — 84

716

MODIFIED SEWAGE DISPOSAL
LOT NO. 5 KEMPER DOWNS
4403 KEMPER LANE
(OLD) 4428 KEMPER LANE

DATE - 4-24-87
FILE - 21434
TC - P0137-132-05



SCALE 1"=30'

J.K. Epley

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

APPLICATION FOR AN IMPROVEMENT PERMIT

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

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)

FILE: 21434

TC: PO 137-132-05

SERIAL: № 13249

☒ L ☐ CRT

MECK COUNTY DEPARTMENT OF
RECEIVED
JUN 3 1987
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 4403 (STREET NO) KEMPER LANE (STREET) ② FILE:

③ JURISDICTION: — ④ TAX PARCEL NO.: —

⑤ SUBDIVISION: KEMPER DOWNS ⑥ LOT: #5 ⑦ BLOCK: —

OWNER

⑧ NAME: JOHN (FIRST) KENNETH (MIDDLE) EPLEY (LAST)

⑨ MAILING ADDRESS: 4301 KEMPER LANE

⑩ CITY: CHARLOTTE ⑪ STATE: NC ⑫ ZIP: 28212

⑬ PHONE: (WORK) RETIRED ⑭ (HOME) (704) 545 1801

REQUEST

This request is for a(n):

⑮ ☒ New 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? 3 ㉖ Maximum number of employees?

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

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ 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: John K. Epley

Date: 6/3/87

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

. . . No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair permit is issued by this Department.

. . . This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Lift Station

[signature] 7-1-87
Environmentalist Date

[signature] 7-2-87
Director or Authorized Section Head Date

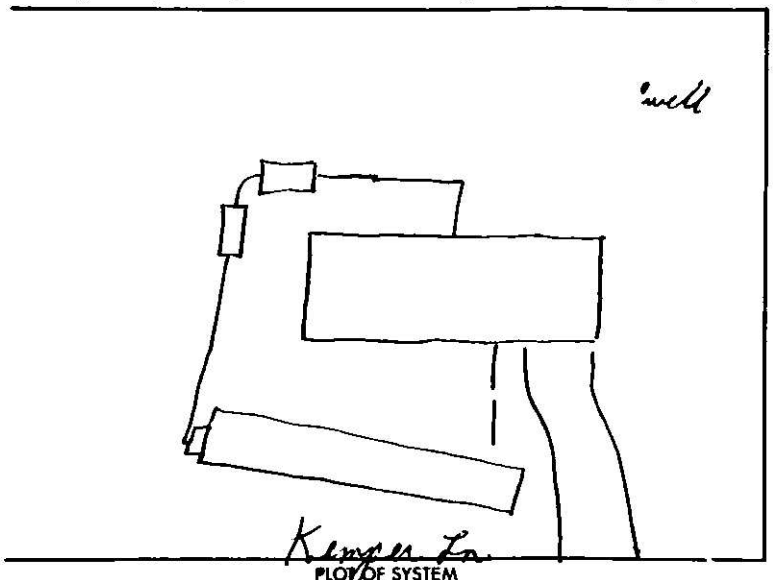
*This permit must be signed by the Director of Environmental Health or an authorized section head in order to be valid.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 21434 DATE: 12-23-87
PO TC: 137-132-05 ☐ L
SERIAL № 11530

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 the application dated ____. All work shall be completed on or before 12-23-88, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons
Liquid Capacity of Desing Tank 1000 gallons
Tank Construction FCC

Absorption and/or Nitrification Lines:
Trench Width 15 feet
Total Line Length 450 feet
Number of Lines 5
Depth of Stone 12 inches
Distance from House 15 feet
Distance from Property Line 10 feet
Distance from Well >50 feet

NAME OF OWNER John Epley
LOCATION OF PROPERTY 4403 Kemper Ln.
Comments: Bed 15'X90'X12" stone. Bed system installed due to limited area. Brick walkway added to the front steps and was not shown on the original plot plan Application rate .4

Division or Section Head

B.R. Ferguson
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.

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

CERTIFICATE OF COMPLETION/OPERATION PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 21434 DATE: 1-26-88
PO TC: 137-132-05 ☐ L ☑ CRT
SERIAL № 10783

Name of Owner John Epley Juris.:
Address of Property 4403 Kemper Ln.

Inspection Data:

Tank Material PVC
Total Length of Drainfield 450'
Number of Lines 5 @ 90'
Cover Depth 24"
Water Supply Source well
Distance to Water Source > 50'
Excavation Inspected 1-26-88
Tank(s) Inspected 1-26-88
Wash Line Inspected
High Water Alarm Inspected

PLOT

Design: 1988, 1500ST, 1000DT, PI, CON, 1350SFB, 12G, pacaleT CTR# 117

The undersigned has inspected the Septic Tank System described above, and certifies it has been
☑ installed or constructed ☐ altered or repaired
☑ in accordance with the permit issued ☐ as detailed in the plot above
and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this
☐ Certificate of Completion ☑ Operation Permit
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 document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document 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:

B.A. Ferguson
Environmentalist

JAC

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.