

18944 MARY ARDREY CR

00151126

5/31/2007

duponbj

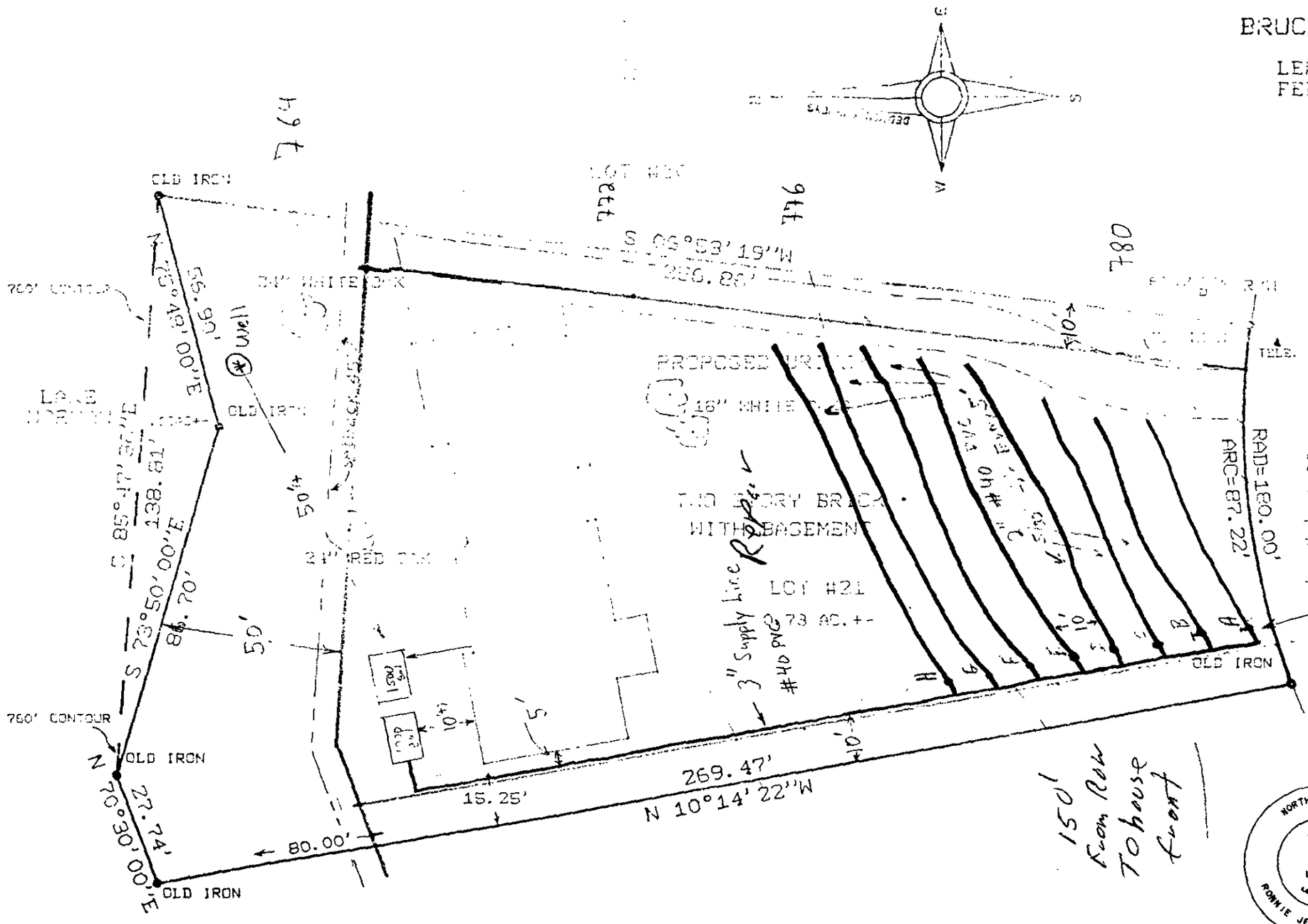
Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

FOR

BRUCE E. & MARLENE B. MITT...

LENLEY TWSP. MECKLENBURG CO.
FEBRUARY 2, 1989 SCALE: 1"=
RONNIE DEDMON, REG. SURV.
L-1222

BEING ALL OF LOT #21 OF
PATRICK'S PURCHASE, PH. II
PB. 21 PP. 85[illegible]

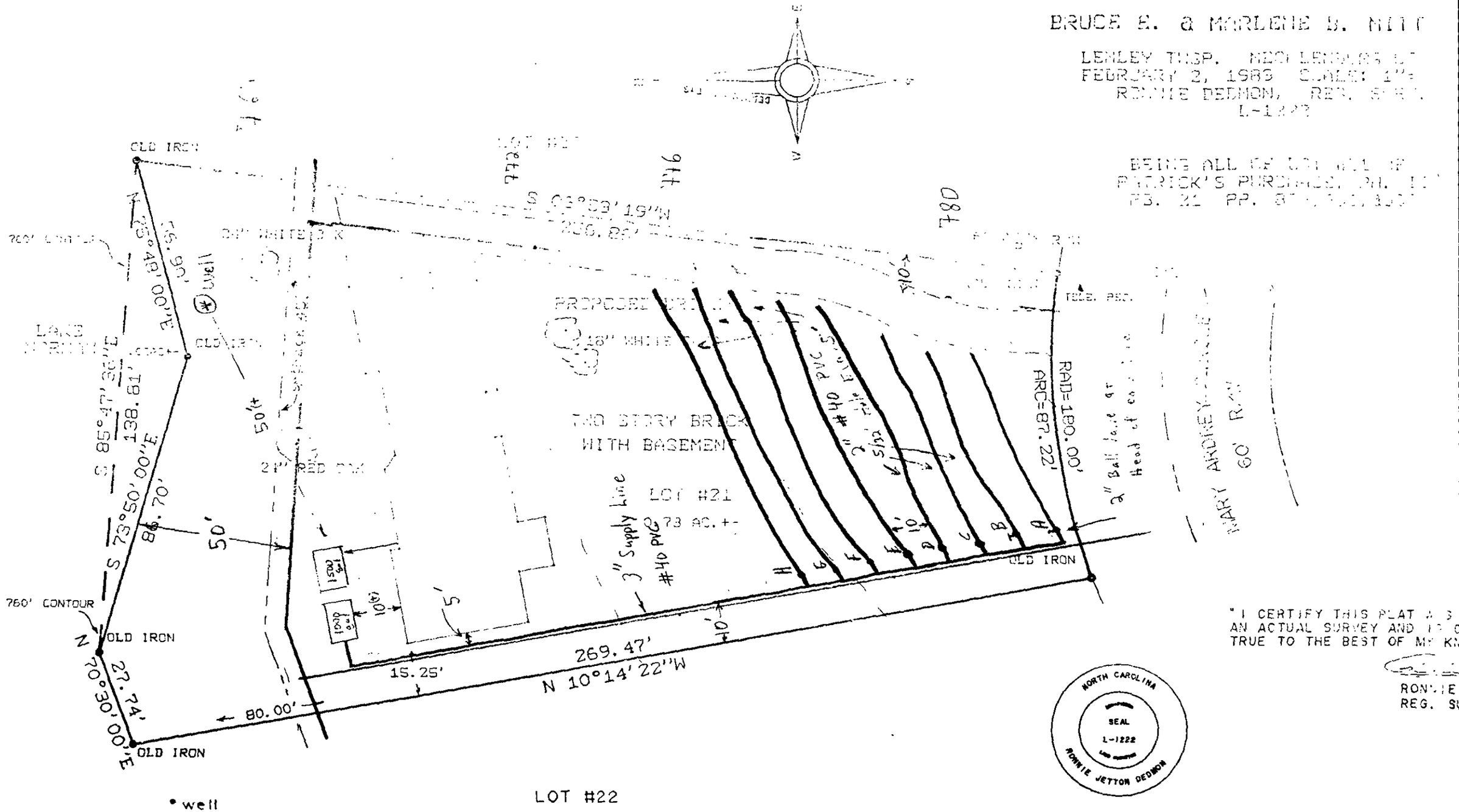


150' from Row To house front

"I CERTIFY THIS PLAT [illegible]
AN ACTUAL SURVEY AND IT [illegible]
TRUE TO THE BEST OF MY KN[illegible]

RONNIE
REG. SU[illegible]

NORTH CAROLINA
SEAL
L-1222
RONNIE JETTON DEDMON


BRUCE E. & MARLENE B. NITT
LENLEY TWSP. MECKLENBURG CO.
FEBRUARY 2, 1983 SCALE: 1"=
RONNIE DEDMON, REG. SURV.
L-1222
BEING ALL OF LOT #21 OF
PATRICK'S PURCHASE, INC. ET
PB. 21 PP. 87
OLD IRON
760' CONTOUR
N 25°48'00"E 76.96'
S 03°53'19"W
250.82'
24" WHITE OAK
Well
LAKE
S 85°47'36"E
138.81'
S 73°50'00"E
86.70'
50'
50'±
2" RED OAK
TWO STORY BRICK
WITH BASEMENT
LOT #21
.73 AC.+-
3" Supply Line
#40 PVC
18" WHITE OAK
TELE. PED.
2" Ball Iron at
Head of Cul-de-sac
MARY ARDREY
60' R/W
RAD=180.00'
ARC=87.22'
1 story brick
1 story brick
10.4'
5'
10'±
269.47'
N 10°14'22"W
15.25'
80.00'
N 70°30'00"E
27.74'
OLD IRON
760' CONTOUR
OLD IRON
OLD IRON
"I CERTIFY THIS PLAT
AN ACTUAL SURVEY AND
TRUE TO THE BEST OF MY
RONNIE
REG. S
NORTH CAROLINA
SEAL
L-1222
RONNIE JETTON DEDMON
• well
LOT #22

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 5299A DATE: 11/28/89

TC: 001-511-21 ☐ L ☑ CRT

SERIAL № 12251

Name of Owner Bruce E. Mittendore Juris.:

Address of Property 18944 Mary Ardery Circle

Inspection Data:

Tank Material PCC

Total Length of Drainfield 572

Number of Lines 8 @ varing lengths

Cover Depth 10"

Water Supply Source well

Distance to Water Source 750

Excavation Inspected 11/28/89

Tank(s) Inspected 11/28/89

Wash Line Inspected NA

High Water Alarm Inspected 11/28/89

System installed according to approved plan

PLOT

Design: 1989, 1500ST, 1000DT, MOD, 1716SFT, 2"PVC lines, 12"stone, ceil (Pump to) CTR# 84

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: System designed for 4 bedroom house

System installed without installation permit

Liberty 71A pump
1 hp

Philo S. Walker
Environmentalist

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 11/12/89

Name/Company Bruce E. Mittendorf

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Imp Dist
#5299A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

JAN 12 1989

Ck#14

Fee: $ 150

Completed by

Collected by

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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: 5299A
TC: _____
SERIAL: № 17421 ☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 18944 (STREET NO.) MARY AUDREY CIRCLE (STREET) HUNTERSVILLE, NC 28078 ② FILE: 5299A
③ JURISDICTION: MECKLENBURG ④ TAX PARCEL NO.: 001 511 26
⑤ SUBDIVISION: PATRICK'S PURCHASE II ⑥ LOT: 21 ⑦ BLOCK: _____

OWNER

⑧ NAME: BRUCE (FIRST) EDWARD (MIDDLE) MITTENDORF (LAST)
⑨ MAILING ADDRESS: 10807 DAYFLOWER CT
⑩ CITY: RESTON ⑪ STATE: VA ⑫ ZIP: 22091
⑬ PHONE: (WORK) _____ ⑭ (HOME) 703/476-1121

REQUEST

This request is for a(n):

⑮ ☒ New permit
⑯ ☐ *Repair or alteration permit*
⑰ ☐ Authorization for mobile home exchange
⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home
㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 4
㉕ Type? _____
㉓ Maximum occupancy? 5
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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: B M Mittendorf
Date: 1-11-89

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, 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.

Environmentalist _____ 3-14-89 Date

Director or Authorized Section Head _____ 3-14-89 Date

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

Calculations

Flow Rates

Line	Line Length	No Holes	Flow Per Hole	Flow Per line
A	42'	8	0.41	3.28 gpm
B	53'	10	0.41	4.10 gpm
C	65'	13	0.41	5.33 gpm
D	75'	15	0.41	6.15 gpm
E	80'	16	0.41	6.56 gpm
F	82'	16	0.41	6.56 gpm
G	85'	17	0.41	6.97 gpm
H	90'	18	0.41	7.38 gpm
	Total line length 572'			Total Flow 46.33 gpm

Pump Evaluation

Supply Line Length 212'

Pipe Friction 3" #40 PVC @ 46.33 gpm → 0.49 ft/100 ft

Friction Loss $212 \times \frac{0.49}{100} = 1.04$ ft Head

Elevation Head 22 ft

22.00
+ 1.04
23.04 × 20% for fitting & connections
4.61
Total Head 27.65 ft

Pump Suggestion → Goulds Model 3885 Series WE0511H

(see manual)

Dosing

Dose Vol. = 5 × Vol. of laterals

Vol laterals = 92.66 gal

Dose Vol = 5 × 92.66 gal = 463.3 gals

1000 gal tank → 1 in Height = 22 gal

463.3 gal × $\frac{1 \text{ in}}{22 \text{ gal}}$ = 21" (Pump Switch setting)

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE
NATIONAL

Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
Health Director

January 5th, 1989

William Ardrey Kimbrough
19529 Weavers Circle
Huntersville, NC 28078

RE: Property located at 16944 Mary Ardrey Circle 21
FILE: 5299A
PARCEL: 001-511-21

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. Results of the investigation revealed that the lot contains soils which have been classified as PROVISIONALLY SUITABLE in accordance with the provisions of 10 NCAC 10A .1900. A copy of the Site Evaluation Report (Serial Number 15853) deliniating the soil types and their respective classifications is enclosed.

While this classification indicates the site is acceptable for the installation of a septic tank system, no specific system or plans have been approved. The area available for such an installation may impose limitations on the size and/or type construction permitted on the lot. Specific plan approval will be provided upon submission of an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems and determination that the area is adequate to accomodate the proposed construction.

Please note that this classification may be revoked if any filling, grading or construction (including the drilling of a well) is performed on the lot which in the opinion of this Department renders any area previously designated suitable for system installation, unsuitable. Futhermore, this approval may be revoked should any changes occur in the regulations under which it was granted, if such changes would have prevented its approval had they been in effect on the date of issuance.

If there are any questions concerning this matter, do not hesitate to contact me.

Very truly yours,

Sylvia D. Daniel, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 15853

File: 5299A Action 4

Parcel: 001-511-21 ☐ PC

Location: 18944 Mary Ardrey Circle

Subdivision:

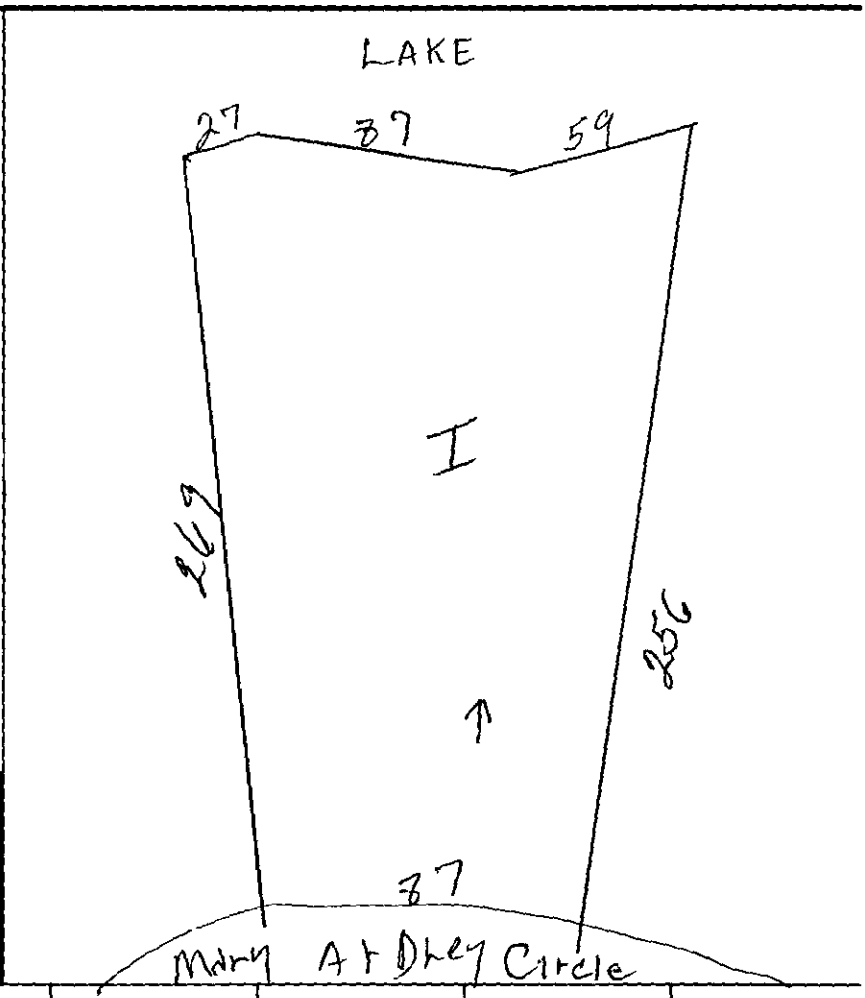
Lot: 21 Block: Acres: .71

Owner: William Ardrey Kimbrough
Address: 19529 Weavers Circle
Huntersville, NC 28078

Comments: _____

Described by: W. B. Ramsey

Date: 1-4-89



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S (PS) U 2-6	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 44-48	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IVa Cecil					
Area Classification	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

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

(OFFICE USE ONLY)

FILE: 5299A

TC: _____

☐ P.C ☐ REPT

JOB LOCATION

① ADDRESS: 18944 MARY ARDREY CIRCLE HUNTERSVILLE N.C. 28078

② SUBDIVISION: PATRICKS PURCHASE PHASE II ③ LOT: 21 ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: 00151121

⑥ DEED REFERENCE: BOOK NO.: 5123 PAGE NO.: 663

OWNER

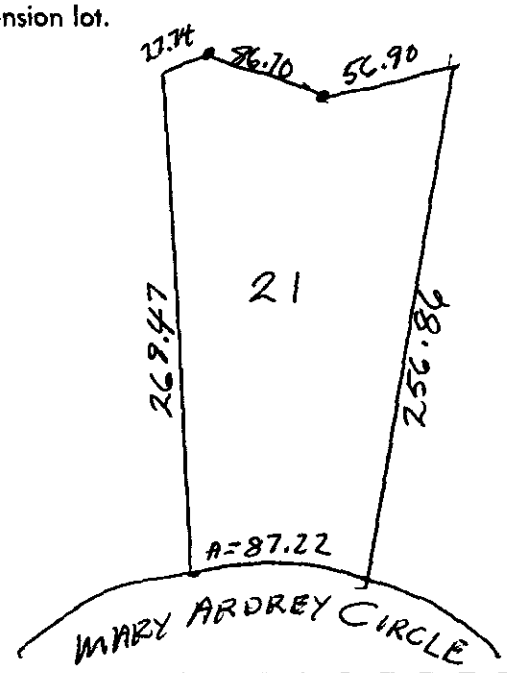
⑦ NAME: STOUGH FARM DEVELOPMENT CO
WILLIAM (FIRST) ARDREY (MIDDLE) KIMBROUGH (LAST)

⑧ MAILING ADDRESS: 19529 WEAVERS CIRCLE

⑨ CITY: HUNTERSVILLE ⑩ STATE: N.C ⑪ ZIP: 28078

⑫ PHONE: (WORK) 892 3683 (HOME) 892 3683

⑬ Accurately diagram and dimension lot.



⑭ 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: William A. Kimbrough

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

Date: 12-28-88

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 12/21/88

Name/Company Robert P. Zwerko

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Soil investigation (.7Acre)
#5099A

MECKLENBURG COUNTY
~~HEALTH DEPARTMENT~~
ENVIRONMENTAL HEALTH DIVISION
PAID

DEC 21 1988

Fee: $ 30.00

Check 1117

Cheryl A Mabe
Completed by

Collected by

DATE: 12/15/88

TO: HEALTH DEPARTMENT - ENVIRONMENTAL HEALTH

FROM: COUNTY ENGINEERING

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 001-511-26

ASSIGNED ADDRESS 18944 Mary Audrey Cr

EXISTING ADDRESS Lot 21

PROJECT NAME Patricks Purchase Ph2

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	NOT APPROVED
1. SUBDIVISION REGULATIONS	✓	*
2. FLOODWAY REGULATIONS		✓ *
3. EROSION CONTROL REGULATIONS	✓	*
4. COMMERCIAL DRAINAGE PLAN	✓	*

	PRESENT	NOT PRESENT
5. PUBLIC UTILITY EASEMENT	* YES	NO
6. PROPERTY FRONTS ON THOROUGHFARE	* YES	NO
7. DRIVEWAY PERMIT REQUIRED	*	

*** If checked, further investigation will be required to determine whether a building permit may be issued by Building Standards for the site.**

REMARKS: Septic Tank - SF House

NOTE: **THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.**
A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

SIGNED: _____

OPWEAR 02/86