

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511149

A 41443

03-283798

DISTRICT \_\_\_\_\_

DATE 12-11-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

INDEXED

DATE SYSTEM APPROVED 1/13/00

INSPECTOR M. Ripkin

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION King's Gift LOT 35 ROAD 11524 EAST WINCHESTER LANE  
11730 Frederick Road

PROPERTY OWNER Bernhard Mann

ADDRESS \_\_\_\_\_  
TOP SEAMED TANK  
SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

### PUMPED SEPTIC SYSTEM REQUIRED

INSTALL: 1-1500 Gallon Top Seamed Pump Chamber  
NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.  
- Pump performance test is necessary prior Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 10 feet off the 460.16' lot line and 95 feet off the 20.00' lot line. Run trenches along contour towards the 200.00' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

\*\*\*Revised septic permit based on percolation testing performed 03/25/99\*\*\*

PLANS APPROVED BY Donna K. Soe

DATE 06/21/99

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

B00114550  
10/21/98 SFD

A 41443

6/23/99  
2-3 PM  
6/23/99  
2-2-30  
11/3/00  
10am C.O.  
pump Test



Log & Trash



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HOWARD COUNTY HEALTH DEPARTMENT

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Diane L. Matuszak, M.D., M.P.H., County Health Officer

January 13, 2000

Bernhard Mann  
13805 King Gregory Way  
Upper Marlboro, MD 20772

RE: King's Gift, Lot 35  
11730 Frederick Road  
Public Water

Dear Mr. Mann:

This is to advise you that the septic system for the referenced property was installed, inspected and approved on January 13, 2000.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority

*Mark E. Ripkin*

Registered Sanitarian  
Water and Sewerage Program

MR

cc: Building Inspector's Office  
File

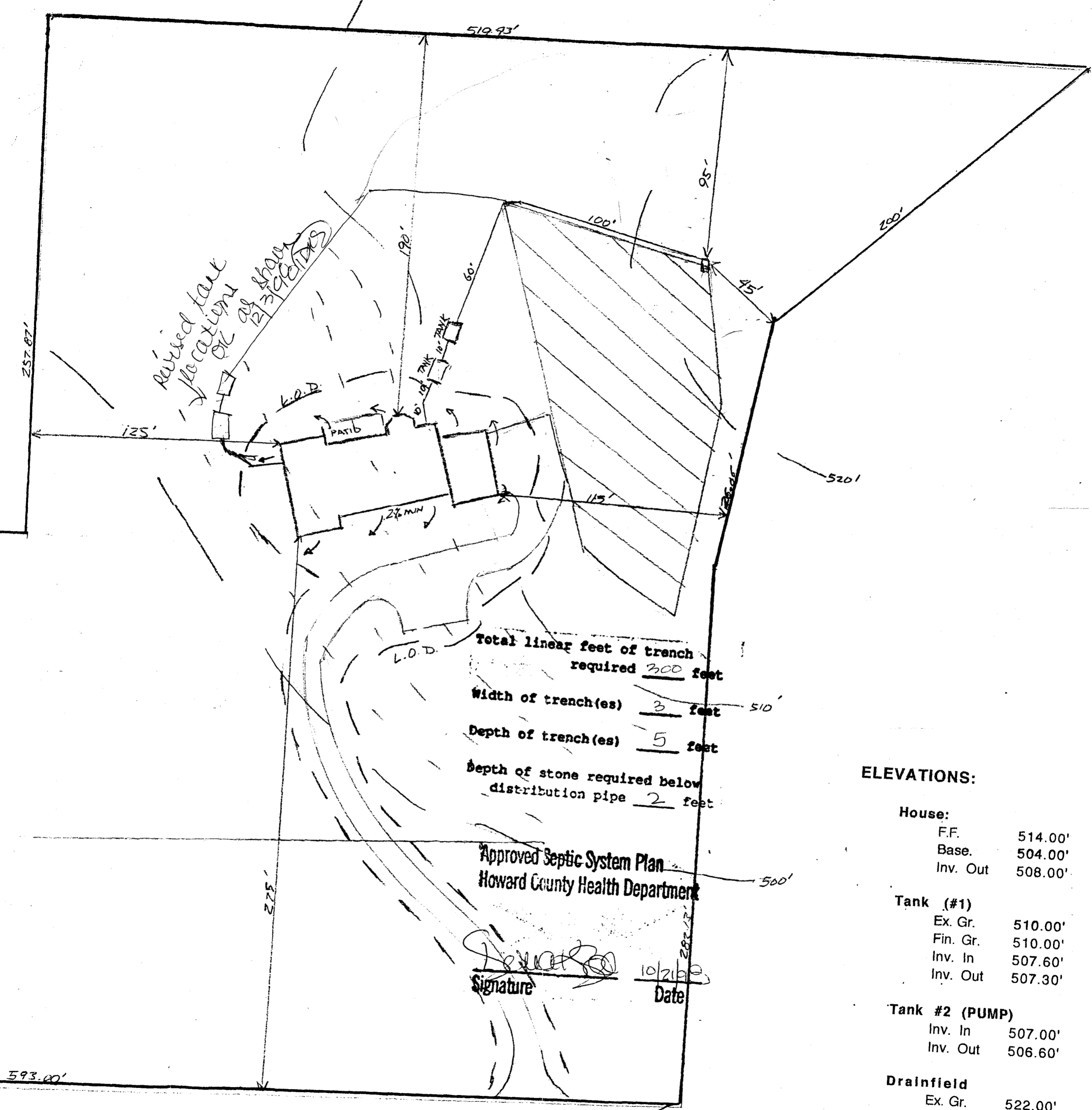
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Bureau of Environmental Health

3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544

Water and Sewerage Program Community Environmental Health Program Food Protection Program

Phone: 410-313-2640 FAX: 410-313-2648 TTD: 410-313-2323 TOLL FREE: 1-877-4MD-DHMH



Total linear feet of trench required 300 feet  
 Width of trench(es) 3 feet  
 Depth of trench(es) 5 feet  
 Depth of stone required below distribution pipe 2 feet

Approved Septic System Plan  
 Howard County Health Department

Signature [Signature] Date 10/21/19

**ELEVATIONS:**

<b>House:</b>	
F.F.	514.00'
Base.	504.00'
Inv. Out	508.00'
<b>Tank (#1)</b>	
Ex. Gr.	510.00'
Fin. Gr.	510.00'
Inv. In	507.60'
Inv. Out	507.30'
<b>Tank #2 (PUMP)</b>	
Inv. In	507.00'
Inv. Out	506.60'
<b>Drainfield</b>	
Ex. Gr.	522.00'
Fin. Gr.	522.00'
Inv. In	519.00'



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**HOWARD COUNTY HEALTH DEPARTMENT**

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*Joyce M. Boyd, M.D., County Health Officer*

April 1, 1999

Mr. and Mrs. Bernhard Mann  
13805 King Gregory Way  
Upper Marlboro, Maryland 20772

RE: Percolation Test Results - Relocation  
King's Gift, Lot #35  
11730 Frederick Road

Dear Mr. and Mrs. Mann:

Supplementary percolation testing conducted March 25, 1999, on the above referenced property indicated limited satisfactory soil conditions. The testing was conducted in order to replace the portion of the septic area that was rendered unusable by grading performed for the driveway. A copy of the test results is enclosed.

At this time, it shall be necessary for you to submit a revised percolation certification plan showing actual locations of the new test holes, as well as the location of the house and driveway. This site plan is needed so that a revised septic area may be established and approved based on the most recent percolation testing.

Thank you in advance for your cooperation in this important matter. If you have any questions or concerns, please contact me at the address below or by calling (410) 313-2640.

Sincerely,

Donna K. Soe, R.S.

Water and Sewerage Program

DKS  
Enclosure  
cc: Fred Dickson  
file

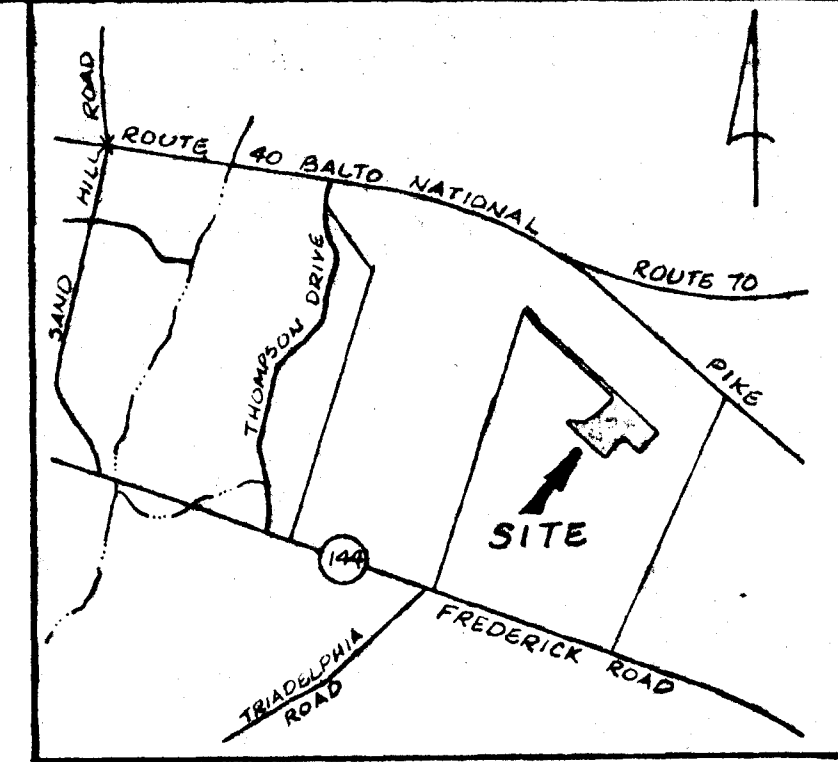
**LEGEND**

- Passed Perc Test
- Failed Perc Test
- ⊙ Passed Perc Test (A 41443)
- ⊕ Failed Perc Test (A 41443)
- ▭ Ex Sewage Disposal Area to be Abandoned

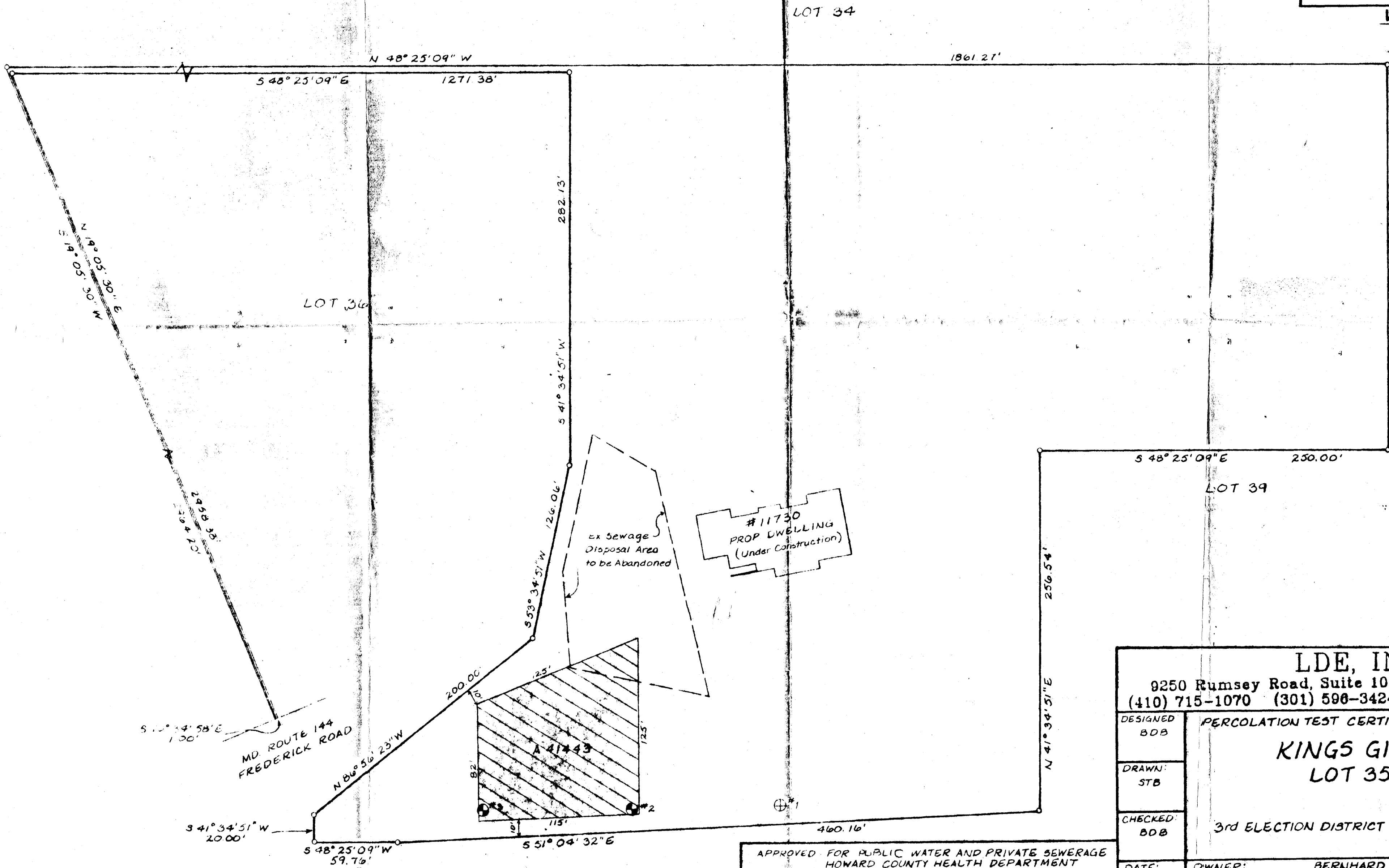
This area designates a Private Sewage Easement of 10,000 square feet as required by the MD. State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

**NOTES**

1. Existing Zoning: RC (Rural Cluster)
2. Deed Reference: Liber 4140 Folio 598
3. Total Area of Parcel: 6.4022 Ac ±
4. The lot shown complies with the minimum lot area and ownership width as required by the Maryland State Department of the Environment.
5. Percolation Tests performed on 3/25/99 have been field located.
6. Existing wells have been shown within 100 feet of the lot which may affect this proposal.



**VICINITY MAP**  
Scale: 1" = 2000'



<b>LDE, INC.</b> 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 598-3424 (410) 715-9540 (Fax)		
DESIGNED BOB	<b>PERCOLATION TEST CERTIFICATION PLAT</b>  <b>KINGS GIFT LOT 35</b>	SCALE: 1" = 50'
DRAWN: STB		DRAWING 10F1
CHECKED: BOB	3rd ELECTION DISTRICT HOWARD CO. MD.	JOB NO. 99-200.12
DATE: 4/5/99		OWNER: BERNHARD MANN 13805 King Gregory Way Upper Marlboro, MD. 20772

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE  
HOWARD COUNTY HEALTH DEPARTMENT  
*Donald L. ...*  
Howard County Health Officer

5/21/99  
Date

# APPLICATION

PERCOLATION TESTING

A 41443

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Bernhard Mann

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 35

ROAD AND DESCRIPTION 11730 Frederick Road

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

41443

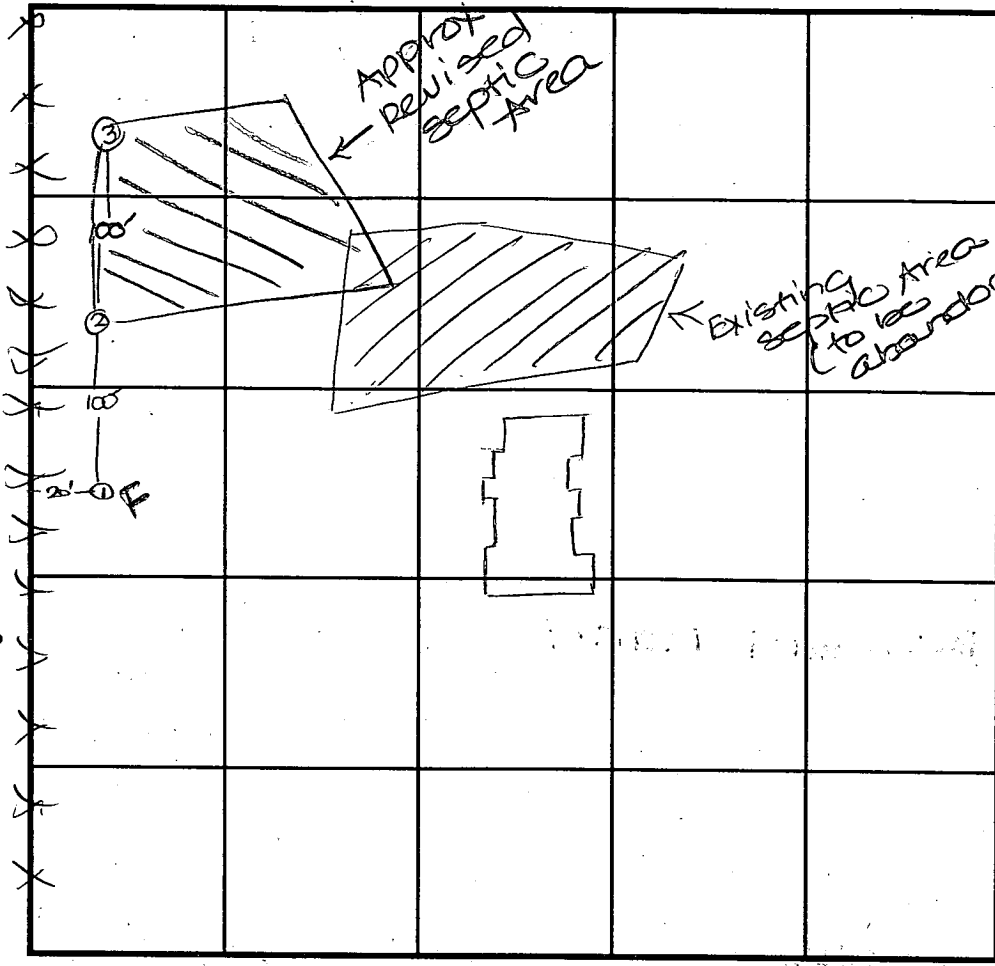
COUNTY #

SOIL PROFILE

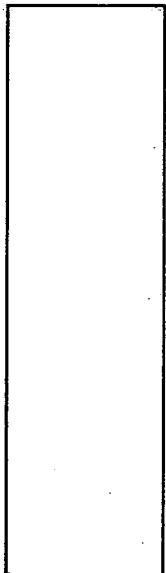
0' (1)  
 1' topsoil  
 org red brn cl Lm  
 4' 4.5' med org brn sa cl Lm  
 8' seepage dk brn sa cl Lm w/mottles  
 14' Water

0' (2)  
 1' topsoil  
 red brn cl Lm  
 3.5' 4' pale org red tan sa Lm  
 9' partial cave-in  
 14' 5-10% rock water

0' (3)  
 1' topsoil  
 red brn cl Lm  
 3.5' pale org tan sa Lm to beige sa Lm  
 13' dk brn sa Lm w/spr sh  
 14'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-25-09	1	14.0'D	Water	- See profile			FAIL
	2	14.0'D	Water	- See profile			OK
	3	14.0'D	Visual	- See profile			OIL

REMARKS test holes not staked

TYPE OF SOIL

TESTED BY J. Soe ALSO PRESENT Ms. Mann, Mr. Dickson, K. Schissler

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH 3

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180

# APPLICATION

PERCOLATION TESTING

A 41443

P \_\_\_\_\_

DISTRICT 3

4/7/88

DATE 10 March, 1988

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT OR RECONSTRUCT A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Vivos Trust

ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 442-2226

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 39

ROAD AND DESCRIPTION North on Route 144, East of Thompson Drive (11730 Frederick Road)

TAX MAP 16 PARCEL # 353, 356

SIZE OF LOT 4.400 Ac. ± TYPE BLDG. Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**APPLICANT SIGNED**  
**AND RETURNED** 10-21-98  
Serial # 20014530  
5Bm

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Richard R. Love (Agent)  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

## THIS IS NOT A PERMIT

*W.S. Hight*  
*OK 1/17*  
*low visual now*

KINGS GIFT

LOT 37

SOIL PROFILE

Empty rectangular box for soil profile.

Large empty grid for soil test data.

Lot lines to be changed for original test plot

X Perc

Smin

180 #/BA

Filer 3" Bottom 48"

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

Table with columns: DATE, TEST NO., DEPTH, PRE-WET (START, STOP), TEST - 1" DROP (START, STOP), TIME.

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

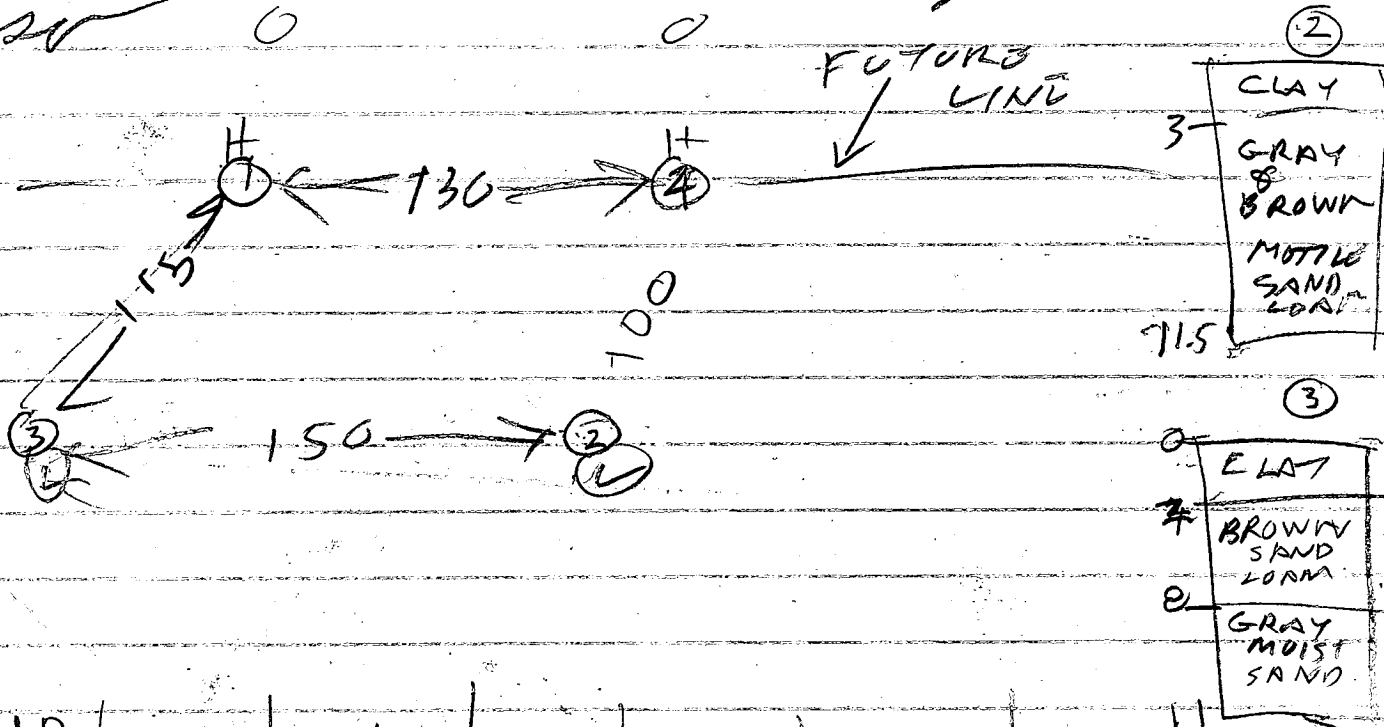
TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

611-12-1079

# KINGS GIFT

Lot NEW 37 39

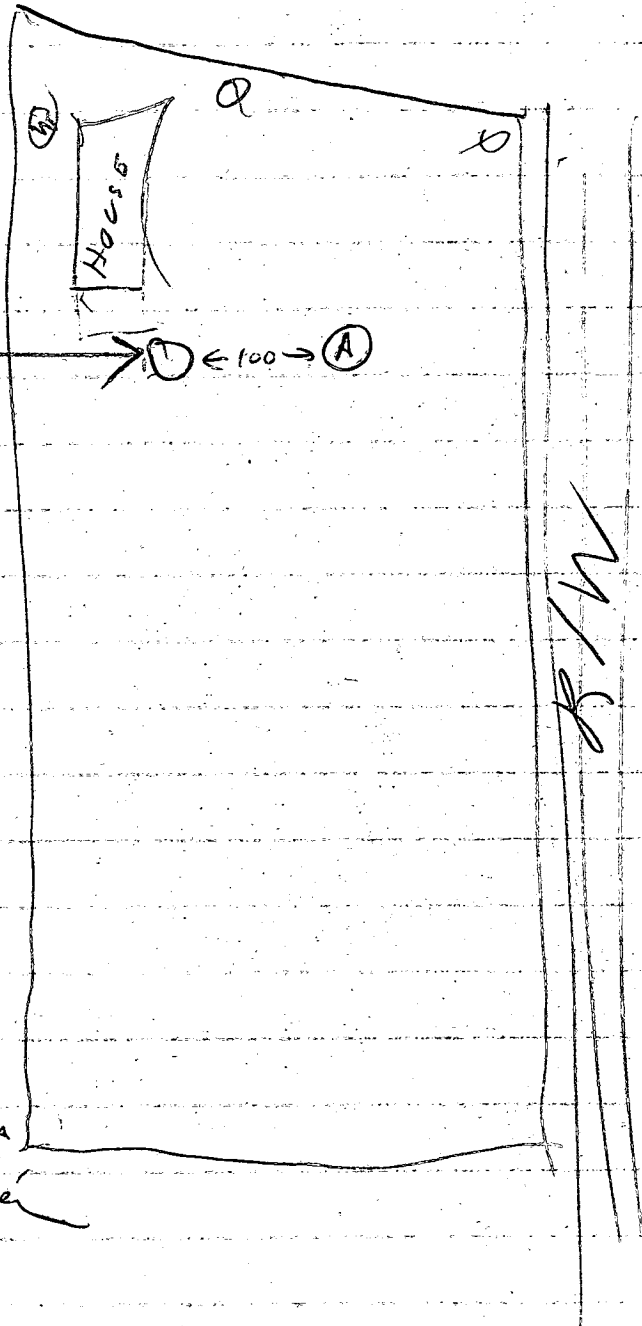
Lotline to be changed from original test plat because of poor soil on old Lot 37 Lot 36 lot lines must be changed also



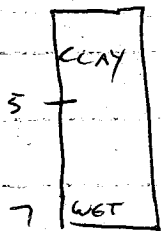
7/6/88	ID	7	201	203	203	205	2	
		(Note the hole #)			tested on old Lot 36 to be on			
	2S	4	204	208	208	210		
	2V	17.5	OK					
	3S	4	213	215	215	210	3	
	3V	11	OK					
	4V		online job from old 36					

# KINGS GIFT LOT NEW 39

10/5/88  
 DUG HOLE  
 14 FT  
 SANDY & Dry  
 B.H.



7/27/89 (A)



HOLE A FAILED -  
 CLAY/WATER  
 NO POSSIBILITY  
 TO MOVE SEPTIC AREA  
 DOWNHILL *wellie*

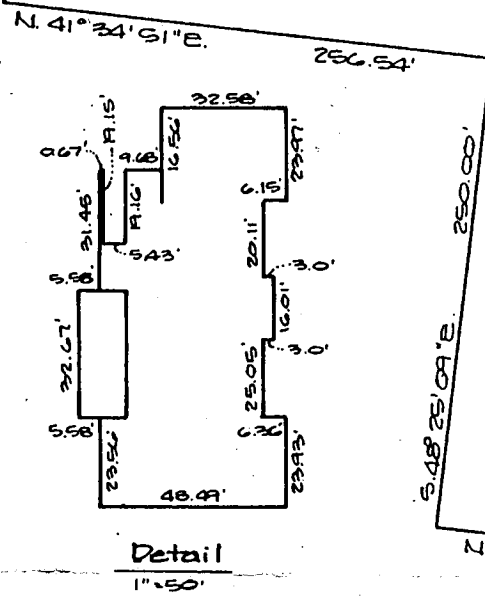
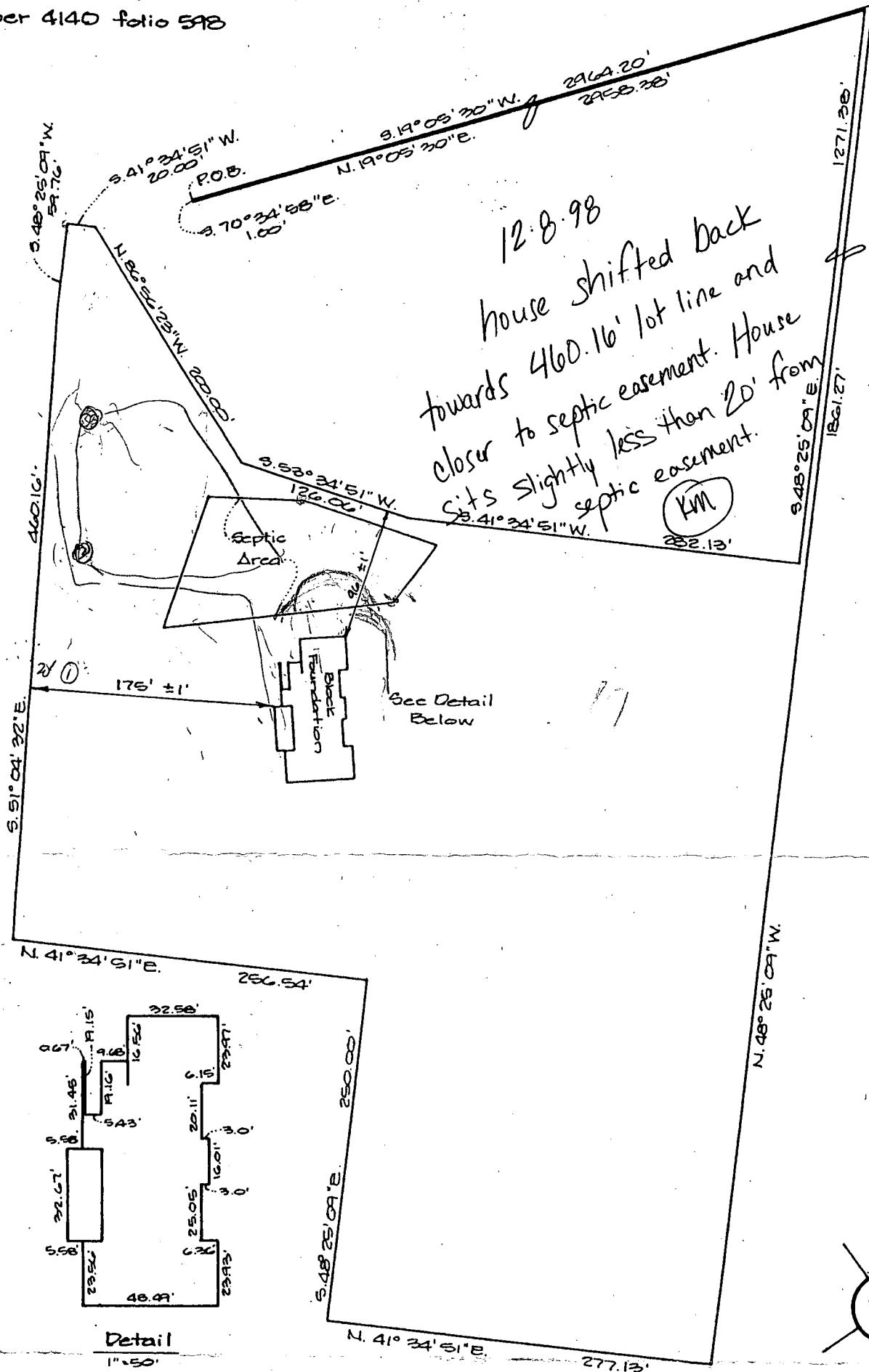
Tested By R. Bodge

also present  
 O. Ketterman  
 Jennifer Johnson  
 Jean Dickey



PROPERTY KNOWN AS: Lot 35  
 Kings Gift  
 Howard County, MD.  
 Liber 4140 folio 598

THIS PLAT CAN NOT BE USED TO ESTABLISH  
 PROPERTY LINES OR CORNERS.



LOCATION DRAWING

Wall Check: 11.13.98

CERTIFICATION	SEAL	SCALE 1"=100'	DATE 11.19.98
<p>This is to certify that I have surveyed the property known as: <u>#11730 Frederick Rd.</u></p> <p>The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.</p>		<p>LDE Inc.            9250 Rumsey Road Suite 106            Columbia, Maryland 21045</p> <p>(410) 715-1070 (Balt.)            (301) 596-3424 (Wash)            (410) 715-9540 (Fax)</p>	

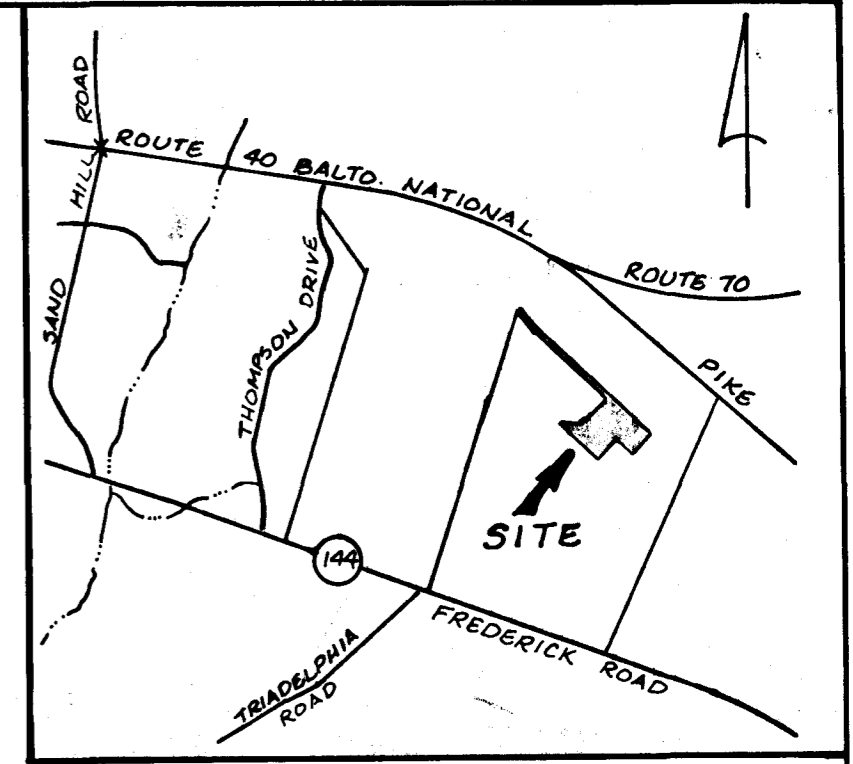
**LEGEND**

- Passed Perc Test
- Failed Perc Test
- ⊕ Passed Perc Test (A 41443)
- ⊕ Failed Perc Test (A 41443)
- ▭ Ex. Sewage Disposal Area to be Abandoned

This area designates a Private Sewage Easement of 10,000 square feet as required by the MD. State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

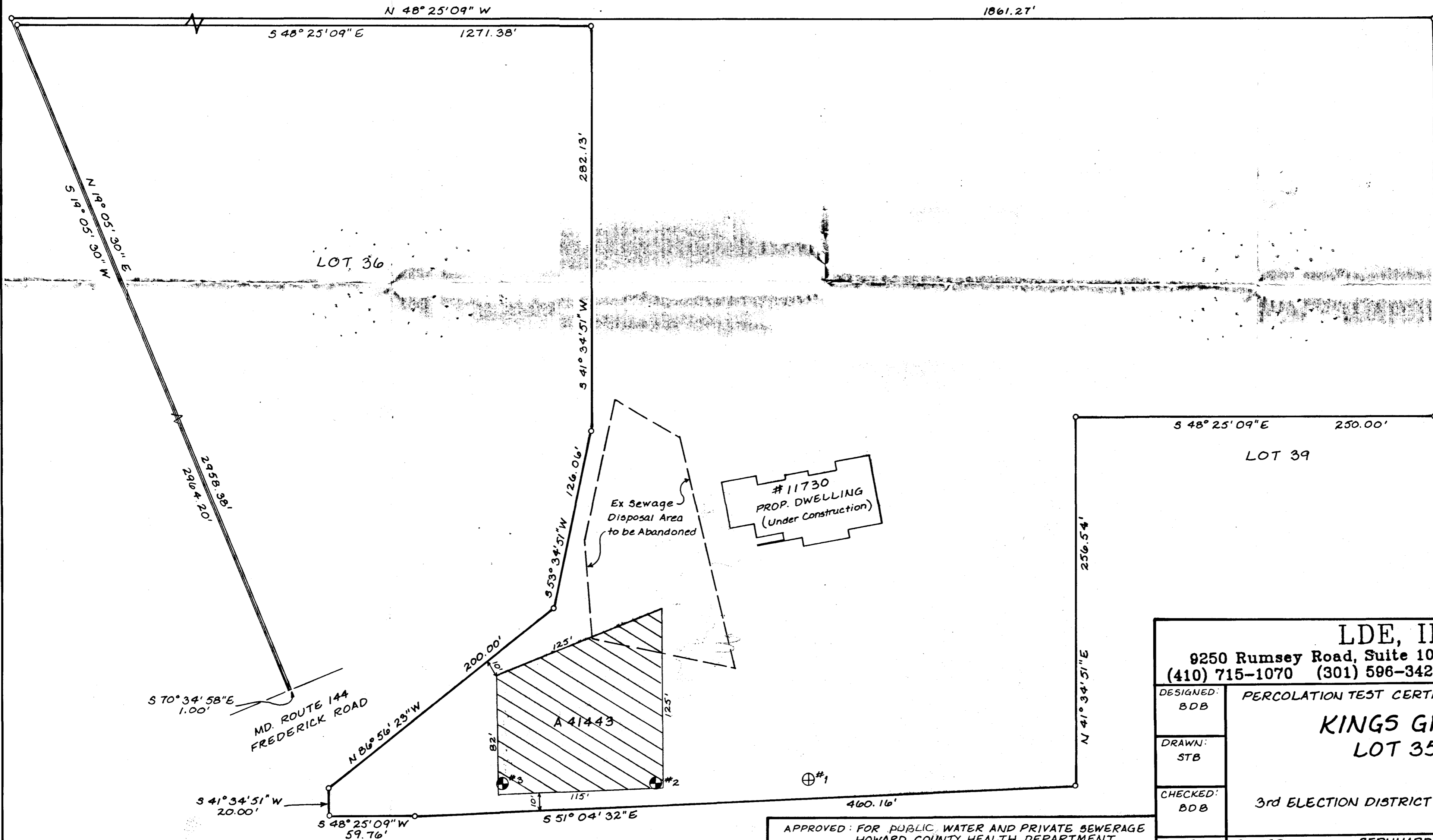
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6. Existing wells have been shown within 100 feet of the lot which may affect this proposal.



**VICINITY MAP**  
Scale: 1" = 2000'

LOT 34



APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE  
HOWARD COUNTY HEALTH DEPARTMENT  
*Dir. [Signature]*  
Howard County Health Officer

5/21/99  
Date

<b>LDE, INC.</b>		
9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)		
DESIGNED: BDB	<b>PERCOLATION TEST CERTIFICATION PLAT</b>  <b>KINGS GIFT LOT 35</b>	SCALE: 1" = 50'
DRAWN: STB		DRAWING: 10F1
CHECKED: BDB		JOB NO. 99-200.12
DATE: 4/5/99		OWNER: BERNHARD MANN 13805 King Gregory Way Upper Marlboro, MD. 20772
3rd ELECTION DISTRICT HOWARD CO. MD.		FILE NO.

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Eagles Well Drilling Telephone #: 410/795-5670  
Address: 580 Obrecht Rd  
Sykesville

(Must circle one) Licensed Plumber  Licensed Well Driller  Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD009

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Beadie Mann Telephone #: 443-535-0845

Subdivision: Kings Gift Lot #: 35 Well Tag #: HO-94-3106

Site Address: 1130 Frederick Rd  
West Friendship Md 21794

Submersible Pump Data  
Make: JACOZZI  
Model #: 1Hp T154521B52  
Pump Capacity 5 GPM  
Well Yield: 40 GPM

Pitless Adapter  
Make: Campbell  
Model #: \_\_\_\_\_  
Depth: 2 (36" min)  
NSF approved: Yes

Well Cap and Electric Conduit  
Two piece watertight cap: Yes  
Screened, vented well cap: Yes  
Cap secured to casing: Yes  
Conduit min 1 1/2" E.G.: \_\_\_\_\_  
Conduit secured to well cap: Yes

Depth of well encountered at time of pump installation: 300 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt NO

Piping to house

Type: \_\_\_\_\_  
PSI: \_\_\_\_\_ (160 psi min)  
Depth of supply line: \_\_\_\_\_ (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: \_\_\_\_\_  
Approximate length of sleeve: \_\_\_\_\_  
Sleeve caulked and sealed properly: \_\_\_\_\_

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Allen Compton  
Signature of company representative responsible for installation

8-21-01  
date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: \_\_\_\_\_  
Inspection Data: Pitless adapter and water supply line at least 36" below grade \_\_\_\_\_  
Two piece cap installed and attached to casing securely \_\_\_\_\_  
Elec. conduit extends at least 18" below grade/attached to cap properly \_\_\_\_\_  
Safety rope installed inside of well casing \_\_\_\_\_  
Correct well tag attached properly and casing 8" above finished grade \_\_\_\_\_  
Water supply line sleeved adequately at house connection NA  
Adequate grout observed below pitless adapter \_\_\_\_\_

[ WELL NOT CONNECTED  
TO HOUSE ?  
FOR EXTERNAL USE ONLY ]

C1 0756

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A41443

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 300

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3106

OWNER Mann Bernhard STREET OR RFD Frederick Road TOWN West Friendship SUBDIVISION Kings Gift SECTION LOT 35

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, check if water bearing. Rows include Brown mica, Gray mica, Brown, Gray mica, Brown, Gray mica.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 20, NO. OF POUNDS 1800. GALLONS OF WATER 120. DEPTH OF GROUT SEAL 0 to 36 ft.

CASING RECORD. MAIN CASING TYPE: ST (STEEL). Nominal diameter top (main) casing 60 inches. Total depth of main casing 40 feet.

OTHER CASING (if used). A C H C A S T I N G

SCREEN RECORD. screen type or open hole: ST (STEEL), BR (BRASS), PL (PLASTIC), HO (OPEN HOLE).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y), NO (N)

- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. M.S.D. 009. DRILLERS SIGNATURE Allen Compton

LIC. NO. M D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

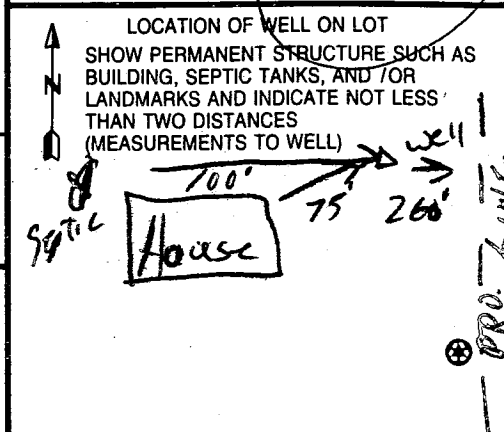
DEPTH (nearest ft.) 300. A C H C A S T I N G. SLOT SIZE 1 2 3. DIAMETER OF SCREEN 56 to 60 inches.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER). TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST. HOURS PUMPED 01. PUMPING RATE 15. METHOD USED TO MEASURE PUMPING RATE 194L. WATER LEVEL 40 ft. BEFORE PUMPING, 25 ft. WHEN PUMPING. TYPE OF PUMP USED: A (air), C (centrifugal), J (jet), P (piston), R (rotary), S (submersible), T (turbine), O (other).

PUMP INSTALLED. DRILLER INSTALLED PUMP (YES). IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED: S (submersible). CAPACITY: 10 GALLONS PER MINUTE. PUMP HORSE POWER 1. PUMP COLUMN LENGTH 290. CASING HEIGHT 01 (nearest foot).



B 1	3284	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER HO-94-3106
W515038			fill in this form completely	

Date Received (APA) 04 11 01  
8 MM DD YY 13

OWNER INFORMATION  
mann Bernhard  
15 Last-Name Owner First Name 34  
13805 King Gregory Way  
36 Street or BFD 55  
Upper Marlboro Md 20772  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
Howard  
8 COUNTY 21  
Kings Gift  
23 SUBDIVISION 42  
SECTION 44 46 LOT 35 48 50  
West Friendship  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 4 M 73 76 77 78

DRILLER INFORMATION  
Allen Compton M.S.D.009  
Driller's Name 76 License No. 81  
Fogles Well Drilling  
Firm Name  
580 Obrecht Rd  
Address  
Allen Compton 4-9-01  
Signature Date

B 4  
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
N W N E W S S E  
8-9 8 8-9 8-9 8-9 8  
TOWN E  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST EAST  
SOUTH  
34 500 37  
DISTANCE FROM ROAD ENTER FT OR MI 38 39  
TAX MAP: BLK: PARCEL

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
8 500 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard Co. 41443  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 5/24/01 5/24/02  
43 MM DD YY 48 CO SIGNATURE EXP. DATE  
NORTH GRID 530 000 EAST GRID 820 000  
50 55 57 63

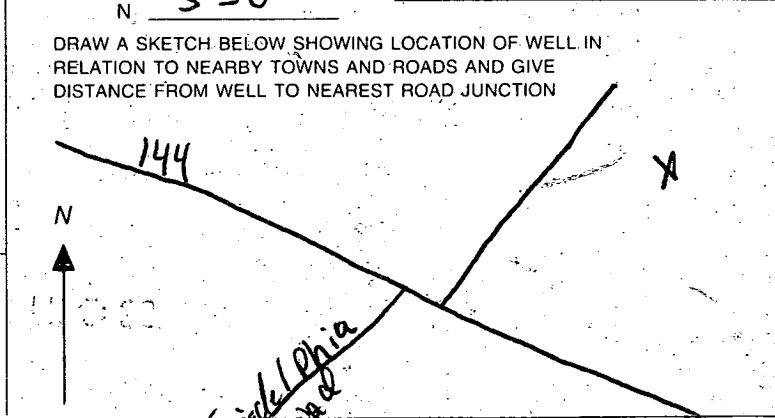
APPROXIMATE DEPTH OF WELL 300 FEET  
24 28  
APPROXIMATE DIAMETER OF WELL 6 INCH  
NEAREST

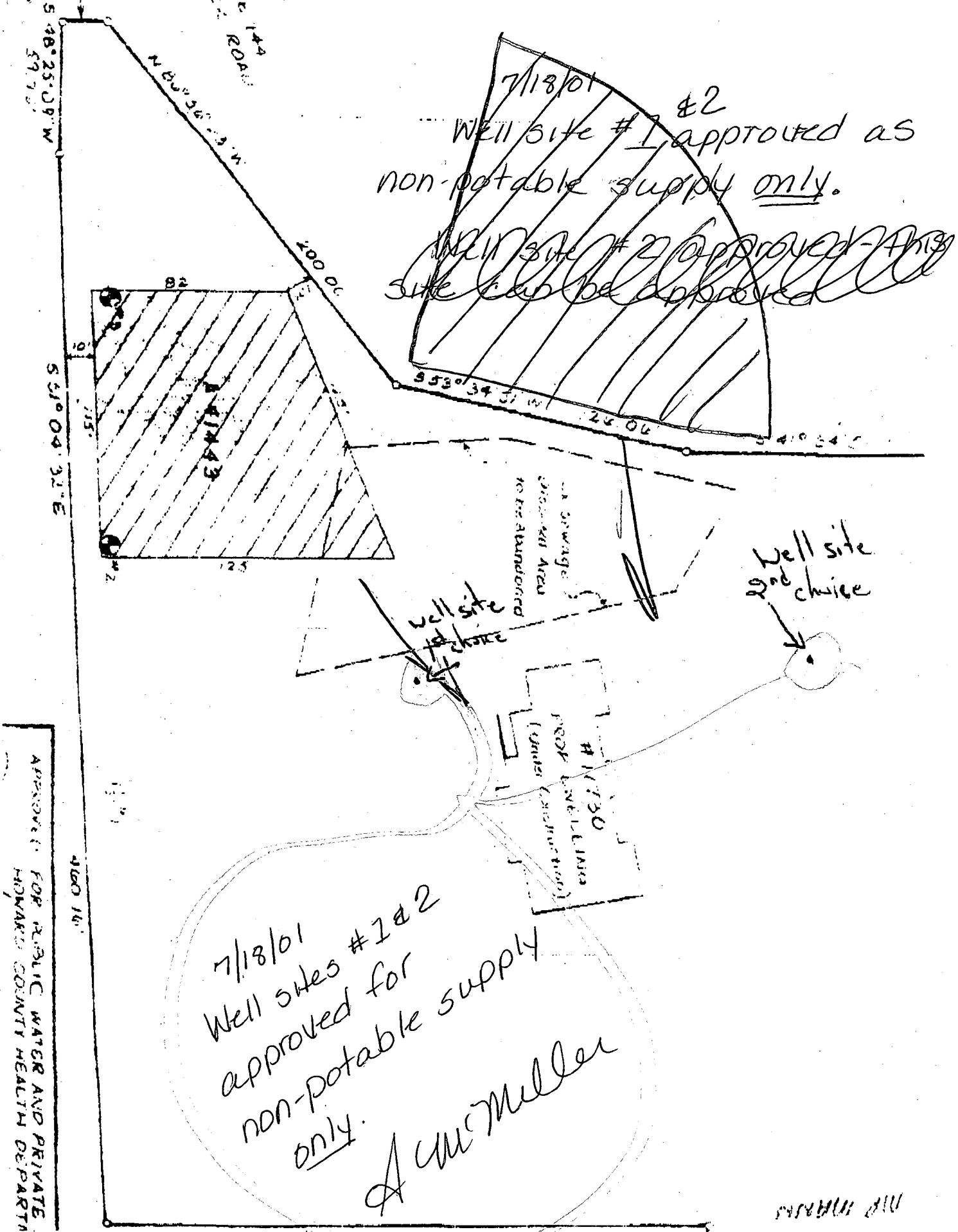
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
8/3/07 11:30  
NO/NSP X  
staffing demands do not allow  
SOURCES OF DRILLING WATER  
1.  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 820  
N 530  
000  
000

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 CABLE REVERSE-ROTary DRIVE-POINT  
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROX. PERMIT NUMBER G  
PERMIT No. HO-94-3106  
70 71 72 73 74 75 76 77 78 79





APPROVED FOR PUBLIC WATER AND PRIVATE  
HOWARD COUNTY HEALTH DEPART

October 16, 1998

Bernhard A. Mann  
13805 King Gregory Way  
Upper Marlboro, MD 20772

Ms. Kimberly Maiste  
Howard County Health Department  
Bureau of Environmental Health  
Water and Sewage Programs  
3525-H Ellicott Mill Drive  
Ellicott City, MD 21043

Dear Ms. Maiste,

I am in receipt of your letter dated September 28, 1998 in reference to my application for a well permit for my property located in the King's Gift Subdivision, Lot #35, at 11730 Frederick Road. Your letter indicted that my application could not be processed due to the fact that I was required to connect to the public water supply. I understand this requirement and will connect to the public water supply for all connections into the residence. The application for the well permit is solely for an external water supply. I have spoken with Mr. Craig Williams in your department and was informed that I would be able to obtain a permit for a well on my property for external usage only, in addition to the public water. Per his instructions, I am enclosing this letter of justification for the well permit along with my application and associated fees.

The well will be utilized for the sole purpose on external use. Water from the well will be used for lawn/landscaping and pond maintenance on approximately 6.4 acres of land. It is my intention to maintain a manicured lawns and grounds. In addition, I grow and maintain a collection of Japanese Koi fish which require a natural/fresh water pond. This collection is valued at over \$50,000.00. A fresh water pond will be constructed on the property for the housing to this fish collection. The pond will hold 22,000 gallons of water, which will be pumped in from the well. I am electing to invest in the cost of the well construction, as it is necessary for the preservation of my fish collection and I also believe that it would be more environmental conscientious to use water from the well instead of public water to maintain the grounds of the property.

Should you require any additional information, please phone me at (301) 725-2274.  
Thank you for your assistance in this matter.

Sincerely

  
Bernhard A. Mann

11/10/98 called owner to set up time to meet in field to clear up  
confusion at site fm



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**HOWARD COUNTY HEALTH DEPARTMENT**

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*Joyce M. Boyd, M.D., County Health Officer*

September 28, 1998

Mr. Bernard Mann  
13805 King Goegory Way  
Upper Marlboro, Maryland 20772

RE: Well Permit Application  
King's Gift, Lot #35  
11730 Old Frederick Road

Dear Mr. Mann:

This office has recently received the above referenced well permit application; however, we are unable to approve the application at this time.

The well permit application is for a property that has public water available. Due to this fact we are unable to process the well permit, and it is required that you connect to the public water supply.

The check, that was also submitted with the well permit, is being returned to you.

If you have any questions regarding this matter, please call me at (410) 313-2640.

Very truly yours,

*Kimberly Maiste*  
Kimberly Maiste, Sanitarian  
Water and Sewerage Program

:km

B 1 6716

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1962

Date Received (APA)

10/28/98

OWNER INFORMATION

Mann Bernard 13805 King Gregory Way Upper Marlboro Md 20772

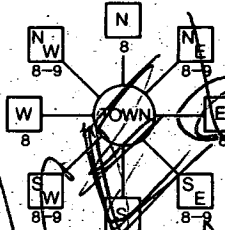
LOCATION OF WELL

Howard King Gift West Friendship 3.72 M I

DRILLER INFORMATION

Joseph L. Mayne MS D 24 5512 Ridge Rd Mt. Airy Md. 21771 10/27/98

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MD. RTE 144 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



310 37 DISTANCE FROM ROAD ENTER FT OR MI 11

TAX MAP: 16 BLK: 15 PARCEL 352

WELL INFORMATION

APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 600

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

TAG RETURNED DESTROYED

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A41443 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 11/12/98 Kim Paisto 11/12/99 CO SIGNATURE EXP. DATE NORTH GRID 533 000 EAST GRID 824 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

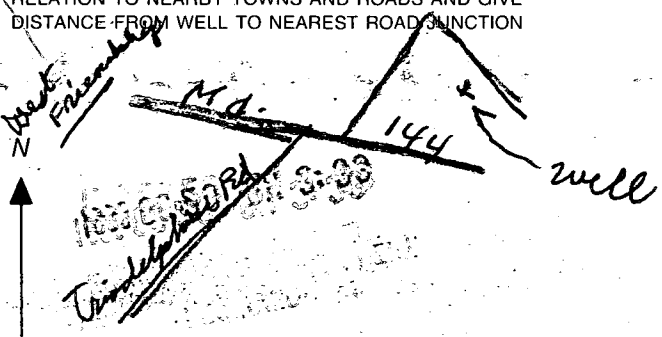
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8204 N 5303

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 G A P 63

PERMIT No. HO-94-1962

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SUBDIVISION:

KINGS GLETT

A 41439

LOT NUMBER: 35

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

210 sq. ft./bedroom

Trench to be 3 wide.  
 Inlet 3 feet below original grade.  
 Bottom maximum depth 5 feet below original grade.  
 Effective area begins at 3 feet below original grade.  
2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 225'  
FROM THE CENTERLINE OF THE ROAD-IN-COMMON  
ON THE NORTH SIDE OF THE LOT AND 100'  
FROM THE EAST LOT LINE WHICH BORDERS LOT 40.  
RUN TRENCHES ON CONTOUR TOWARD NORTH  
SIDE OF LOT. 11/14/89 CW

# APPLICATION

PERCOLATION TESTING

A 41439  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 3  
DATE 4/7/88  
~~10 March, 1988~~

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Vivos  
TRUST

ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 442-2226

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 35

ROAD AND DESCRIPTION North on Route 144, East of Thompson Drive

TAX MAP 16 PARCEL # 352

SIZE OF LOT 5.078 Ac± TYPE BLDG. Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Richard F. Linn (Signat)  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

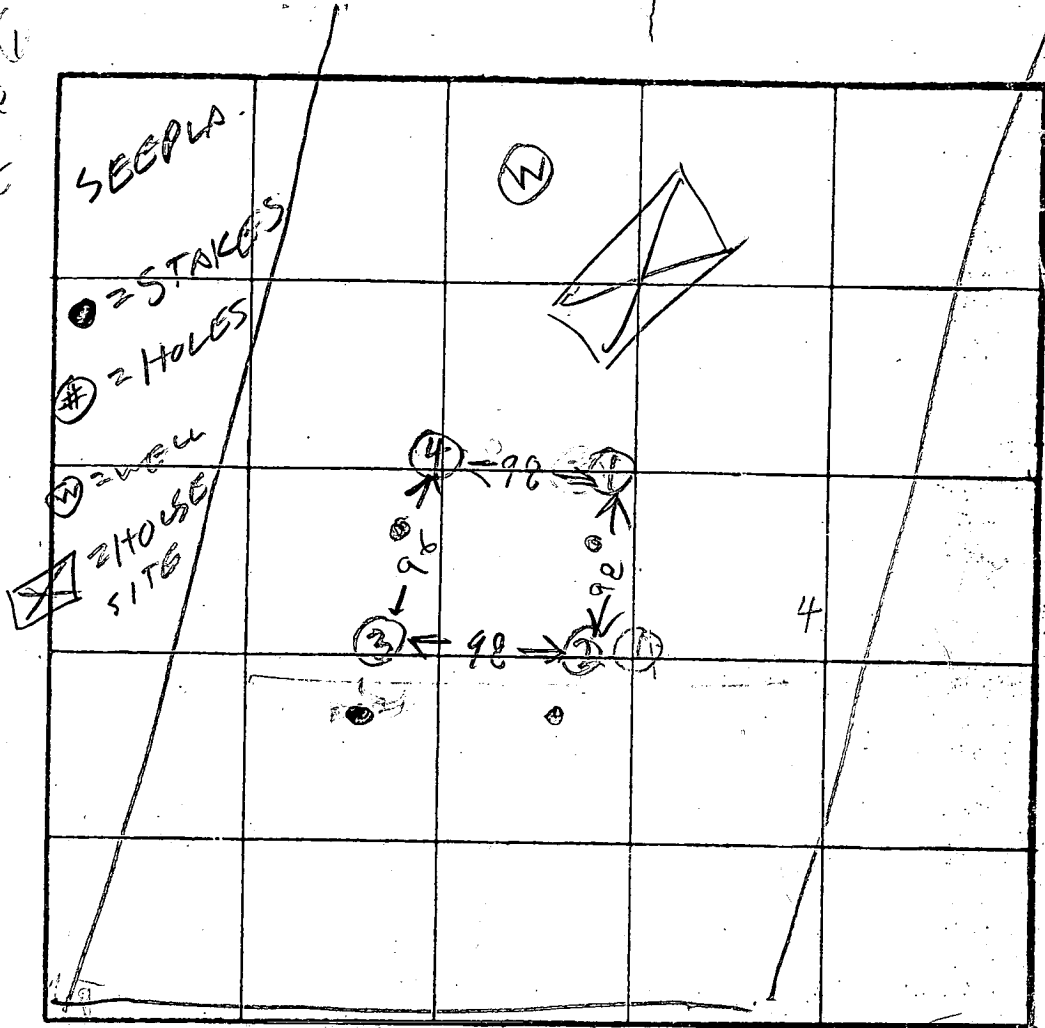
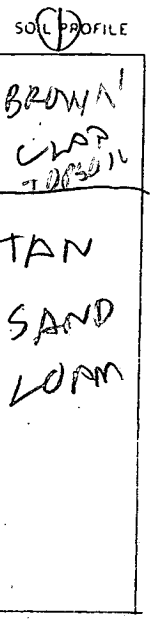
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6/22/88 - PERC OK HOLD FOR PLAT & H

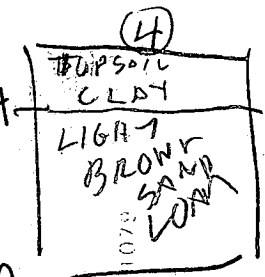
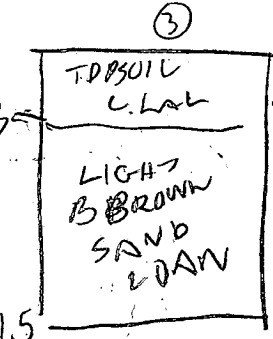
## THIS IS NOT A PERMIT

4 90  
 26 22  
 3 96 2



X Perc  
 12 min  
 210 φ / 10A  
 Inlet 3.5'  
 Bottom 5.0'

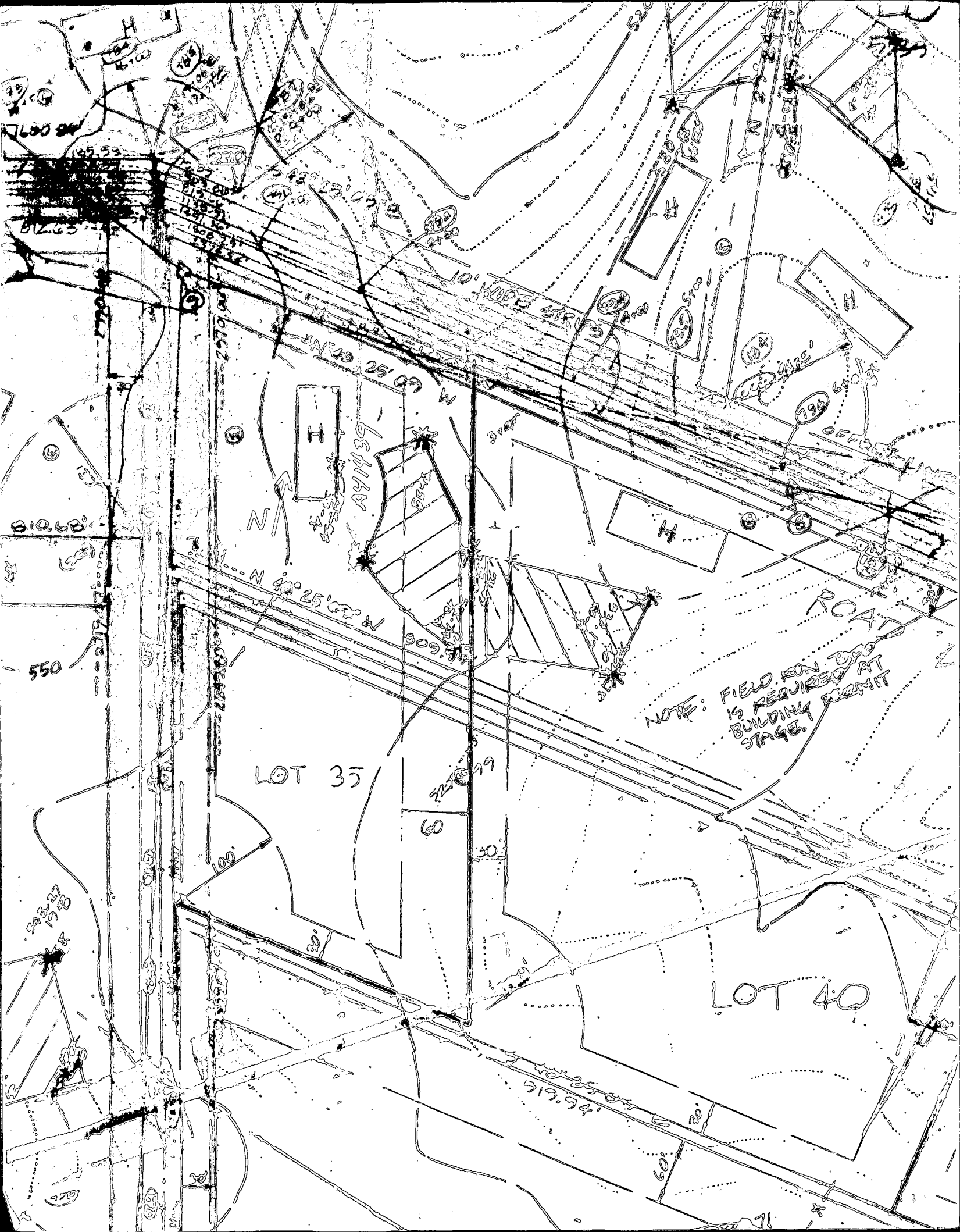
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/27/88	15	5	1015	1035	1035	1100	25
	17	8	1015	1022	1022	1034	12
	14	14	OK				
	25	4.5	1021	1023	1023	1030	7
	2V	11.5	OK				
	35	4.5	1038	1040	1040	1042	2
	3V	12.5	OK				
	4V	12	OK				

REMARKS: ALL HOLES SHIFTED OFF STAKES ABOUT 20 FT TO SLIGHTLY HIGHER GROUND.

TYPE OF SOIL: \_\_\_\_\_  
 TESTED BY: R. Hodges  
 ALSO PRESENT: O. KETTERMAN JR



LOT 35

LOT 40

NOTE: FIELD FOR BRG IS REQUIRED AT BUILDING STAGE. PERMIT

ROAD

10' WIDE STRIP

A41439

N

N 40° 25' 09\"/>

N 40° 25' 09\"/>

519.94

550

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114.67A.  
P.220

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R228

R6 P.249  
2 OF 2

HOWARD Co., MD  
891/314  
74.19 A.  
P.302

HOWARD Co., MD.  
891/314  
77.16 A.  
P.253

UTILITY

(P.423)



P. 339

P. 340

P. 233

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CHAPELGATE PRESEBYTERIAN  
CHURCH, INC.  
1389/339

P. 110

Δ10006

MARRIOTTSVILLE

P. 421

P.48

P.50

ROAD