

Approved 2/10/84  
Stayer

2/7/84  
as late as possible  
use - machine  
broke down

# PERMIT

P 33446

A 30829

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY

DISTRICT 5th

INDEX

05-375266

DATE 1/6/84

Jack Fyock

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Fox Haven ROAD 14055 Route 108 LOT 9

PROPERTY OWNER Karl Peters

ADDRESS 10403 Iris Place, Silver Spring, Md. 20903 Phone: 434-5944

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 193 sq. ft. per bedroom. Trench to be 2 ft. wide. Inlet 4 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 4 feet below original grade. 6 feet of stone below distribution pipe. Start the trench ~~at~~ 270 feet from the front lot line and 20 feet from the left lot line, as seen when facing the lot from the right-of-way. Continue to dig the trench on level ground the necessary distance.

## BUILDING PERMIT SIGNED

### AND RETURNED

3/31/04 80D147121- I6 POOL

PLANS APPROVED BY Raymond Hodges and Frank Skinner DATE 1/6/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

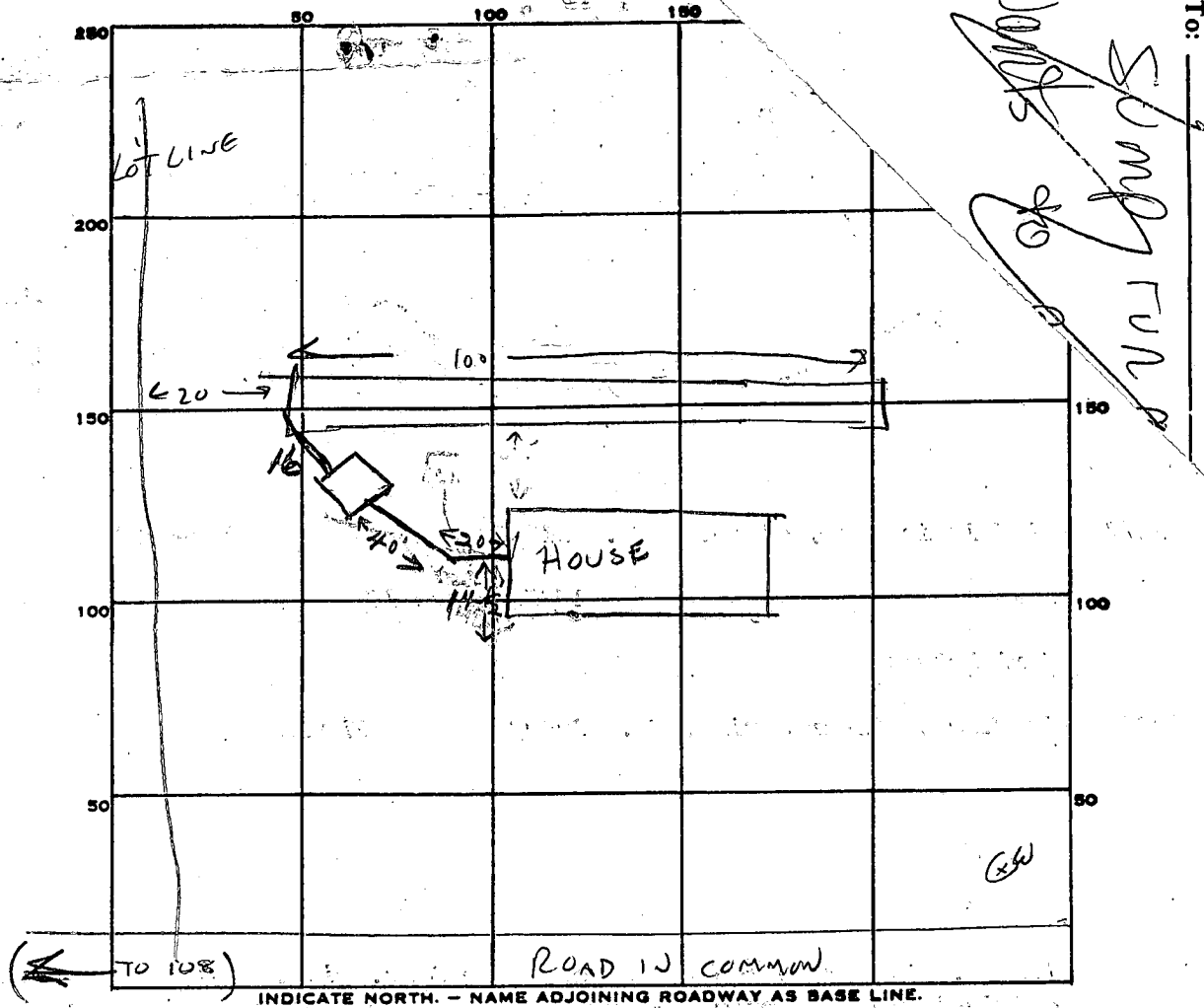
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 30829



PERMIT CARD

SEPTIC TANK, LEVEL 1500 gal

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 600

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 600 SQ. FT.

REMARKS \_\_\_\_\_

1. TRENCH IN - 100FT X 6FT STONE 2-6-84 CW  
2/10/84 OK to cover all work JS

DATE SYSTEM APPROVED 2/10/84

INSPECTOR Stanger

# APPLICATION

SEWAGE DISPOSAL TESTING  
STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30829

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5th.

DATE 8/6/80

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 Karl Peters

ADDRESS 10403 Iris Place, Adolphia, Md. 20783 PHONE 434-5944

Silver Spring, Md. 20903

PROPERTY LOCATION:

SUBDIVISION Fox Haven LOT NO. 9

ROAD AND DESCRIPTION On East side of Route 108 off first private road approx. 400 feet  
of Patuxent River. 14055 Route 108

SIZE OF LOT Parcel 9, 5.267 acres TYPE BLDG. 3 or 4 bedrooms

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.

BLDG. PERMIT, SIGNED

AND RETURNED 9/21/83

Serial No. 55166

with 3 bedrooms & with garage.

SIGNATURE OF APPLICANT Karl Peters

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

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

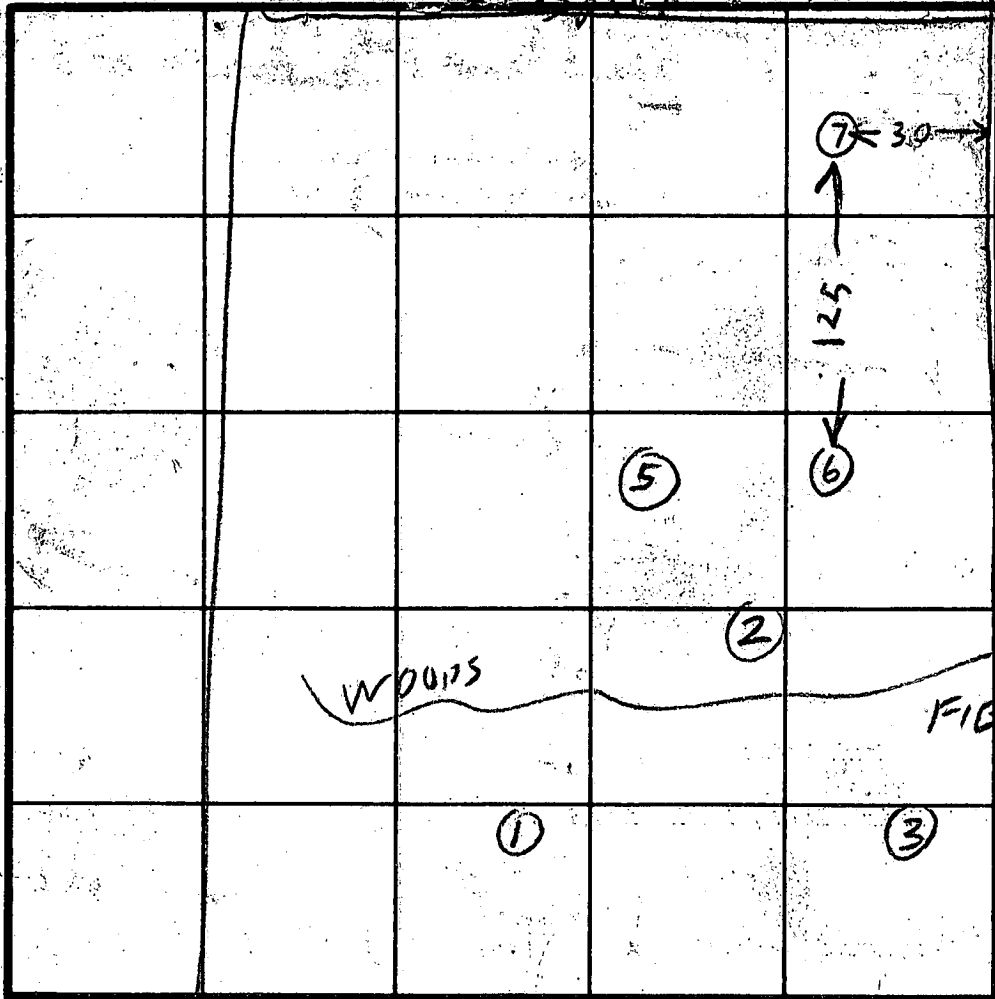
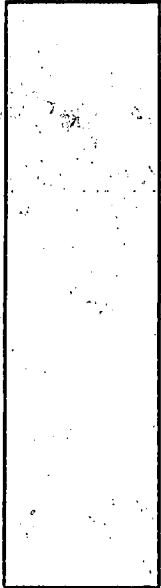
HOLD PENDING FURTHER TESTS RIK DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 8/11/80 Retest Failed Use Original

Spec

# THIS IS NOT A PERMIT

SOIL PROFILE



SEE ORIGINAL PERC SHEET FOR LOCATION OF HOLES

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/11/80	T	14	WATER				

REMARKS FLOCK SAID WATER FOUND 14 FT  
 SUGGESTED OWNER USE ORIGINAL SPECS  
 TYPE OF SOIL WATER HOLE ABOUT 8 FT LOWER THAN LOWEST PERC  
 TESTED BY B HODGES  
 ALSO PRESENT CARL PETER F704K  
 POSSIBLE BUYER

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30829

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 176 ELLICOTT, MARYLAND, 21043  
TELEPHONE: 992-2330

DISTRICT 5th.

DATE 8/6/80

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 Karl Peters

ADDRESS 10403 Iris Place, Adelphia, Md. 20783 PHONE 434-5944

PROPERTY LOCATION:

SUBDIVISION Fox Haven LOT NO. 9

ROAD AND DESCRIPTION On East side of Route 108 off first private road approx. 400 feet of Patuxent River.

SIZE OF LOT Parcel 9, 5.267 acres TYPE BLDG. 3 or 4 bedrooms

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I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT [Signature]

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

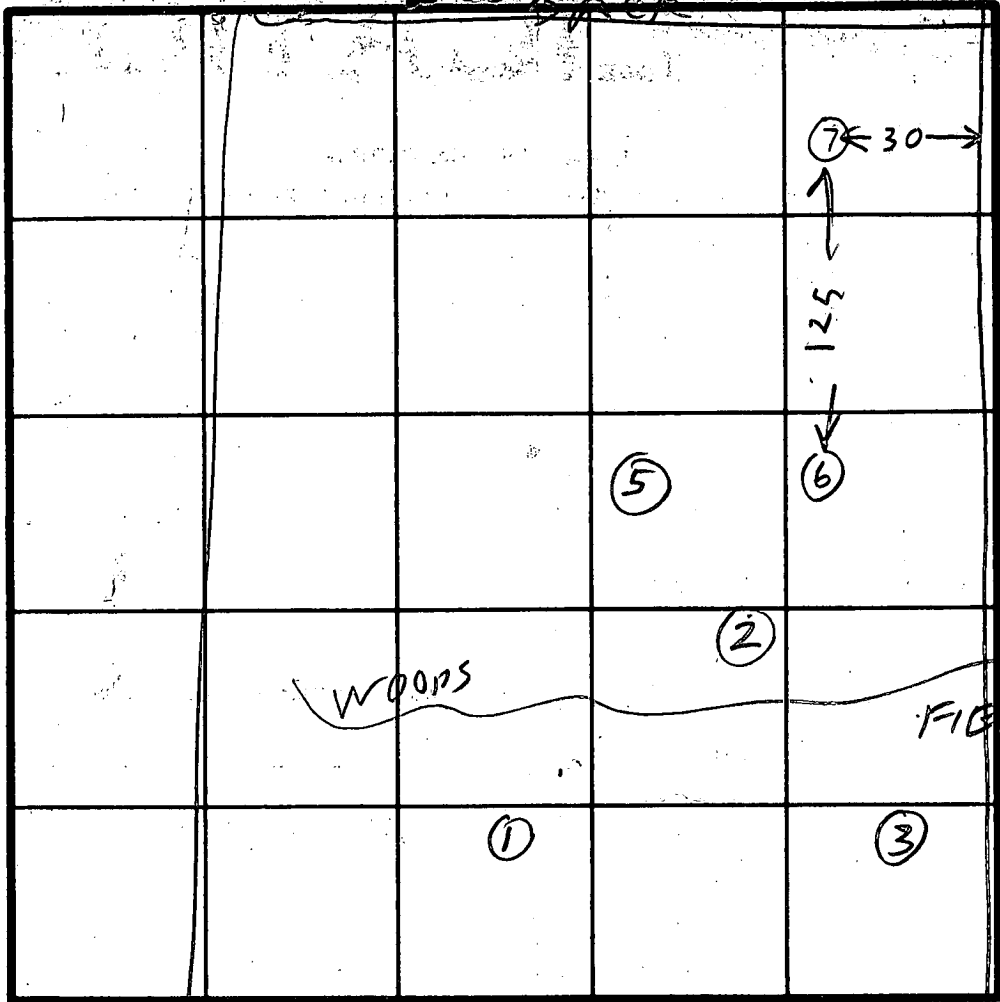
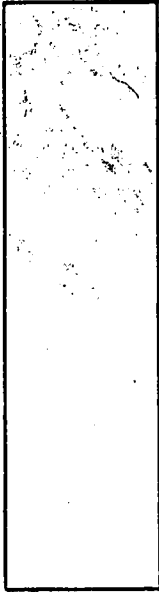
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

# THIS IS NOT A PERMIT

SOIL PROFILE



SEE ORIGINAL PERC SHEET FOR LOCATION OF HOLES

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
8/11/80	T	14	WATER				

REMARKS FLOCK SAID WATER FOUND 14 FT  
 & SUGGESTED OWNER USE ORIGINAL SPECS  
 TYPE OF SOIL WATER HOLE ABOUT 8 FT LOWER THAN LOWEST PERC  
 TESTED BY B HODGES J F FLOCK  
 ALSO PRESENT CARL PETER POSSIBLE BUYER

Recorded

Liber 714, Folio 101

# APPLICATION

50

A 21587

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 6/2/75

3 B.R. 1000 gal. septic tank | 4 B.R. 1250 gal. septic tank  
 Drywell to have 125 sq. ft. effective sidewall absorption area per bedroom, to begin below the first 4 ft. of non-porous soil. Maximum depth permitted for drywell is 12 ft. below original grade. Locate drywell 270 ft from the front lot line and 20 ft from the left side line or sewer when facing the property from the right-of-way.

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 Richard Hallowell

ADDRESS Highland, Md. 20777 PHONE 286-2988

PROPERTY LOCATION: Highland, Md.

SUBDIVISION (Fox Haven) LOT NO. 9

ROAD AND DESCRIPTION On E. side of Rt 108 off first private road approx 400' N. of Patuxent River.

SIZE OF LOT Parcel 9, 5.267 ac - 714/101 TYPE BLDG. Res. (4) bedrms.  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Richard Hallowell  
Richard Hallowell

APPROVED BY Frank Sheiner FOR Drywell DATE 1/21/76  
(KIND OF SYSTEM)

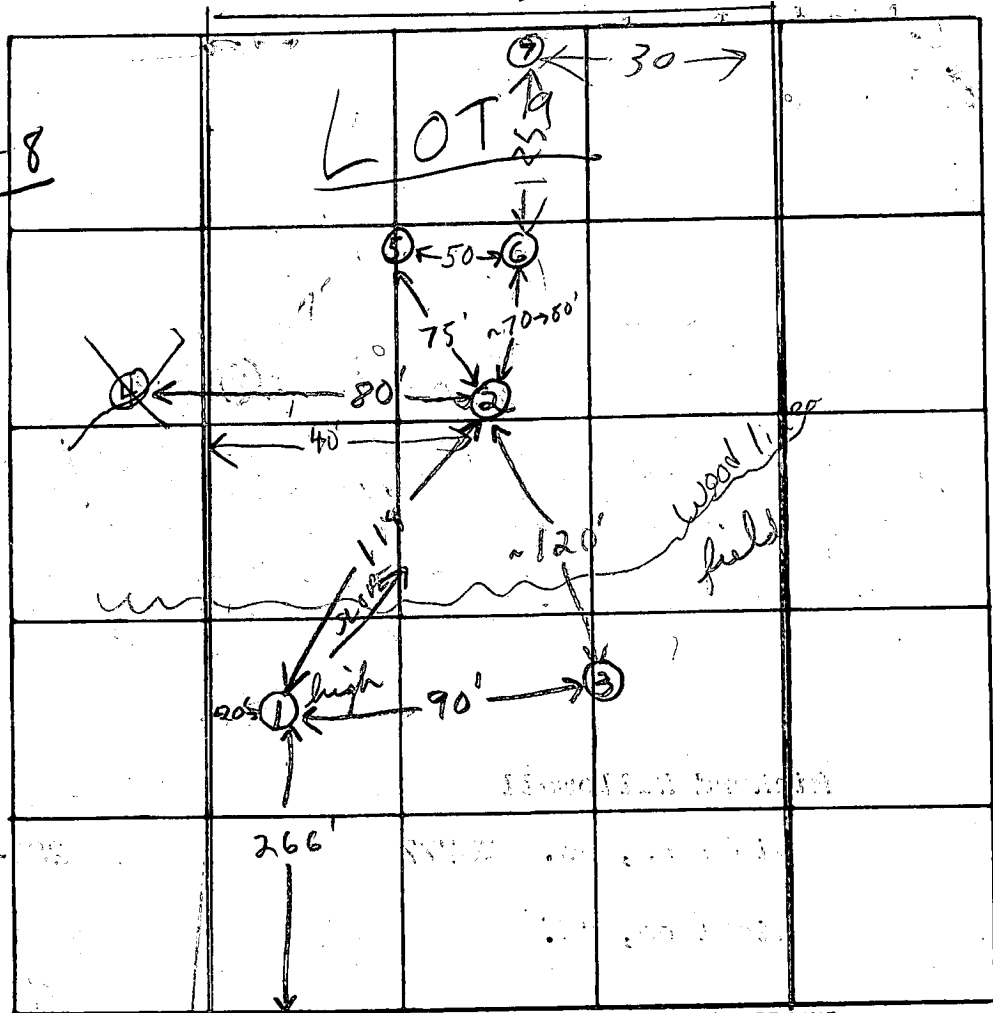
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 6/6/75 Hold for certificate holder's S.

# THIS IS NOT A PERMIT

Lot 8



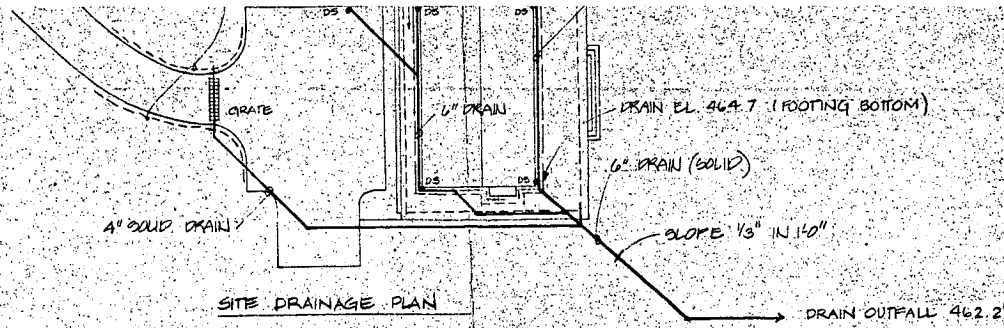
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

R/W

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/4/75	1 high	5'	1:02			1:08	~4 min	
	1A	12'	1:02			1:08	~4 min	
	2 (low)	5'	1:04	1:06	1:06	1:11	5 min	
	2A	13'	1:06	1:11	1:11	1:20	9 min	
	3	1 1/2'	Visual;	Silty mica loam below				~3' clayey soil
	4	5'	1:21	1:24	1:24	1:36	12 min	
	4A	12	1:18	1:22	1:22	1:35	13 min	
	5 low	4 1/2'	1:40	1:42	1:42	1:44	2 min	
	6	12'	Visual;	same soil profile as in holes 2 & 4				
	5A	11'	Visual;	mica loam 4-11'				

1250 ft. / B.R.  
inverted 4 ft.

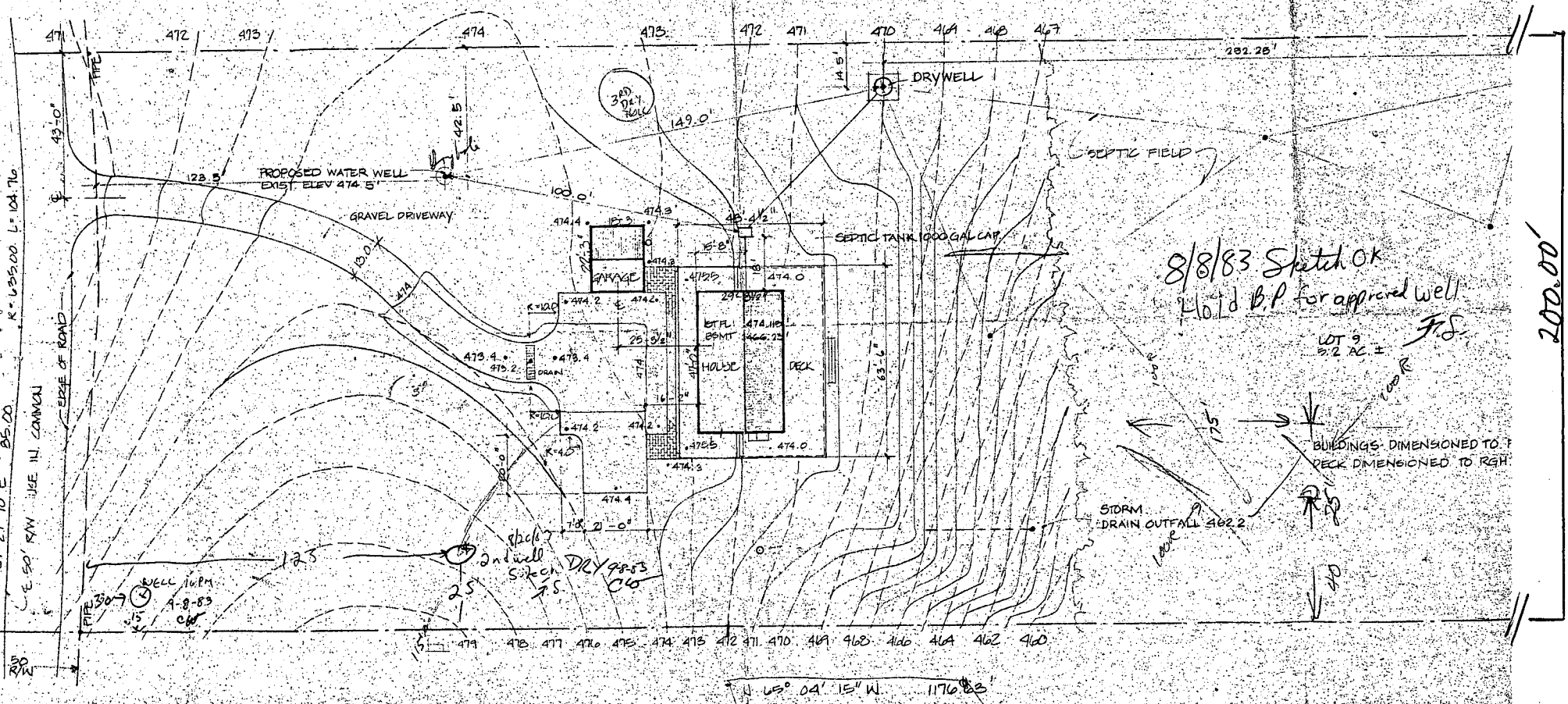
REMARKS: ② & ④ is silty clay loam (red orange) ④ is on Lot 8  
 TYPE OF SOIL: ① & ③ - Silty mica loam (tan) Certify all holes  
 TESTED BY: F.S. ALSO PRESENT: Fyock & Co.



EXIST. ELEV. OF DRYWELL	469.9
DRYWELL INLET ELEV.	465.9
INVERT ELEV. OUT OF SEPTIC TANK	467.5
EXIST. ELEV. AT SEPTIC TANK	472.8
INVERT ELEV. INTO SEPTIC TANK	467.75
INVERT ELEV. OUT OF HOUSE (18' OF RUN @ 1/4" = .375')	468.12

SEPTIC SYSTEM DATA

1:50



8/8/83 Sketch OK  
Hold B.P. for approved well

LOT 9  
5/2 AC. ±  
F.S.

BUILDINGS DIMENSIONED TO P  
DECK DIMENSIONED TO RGH

STORM  
DRAIN OUTFALL 462.2

2nd well  
Site on  
DRY 9853  
C/O

R=135.00 L=104.76  
 E 50' R/W LIKE IN CANNON  
 85.00  
 21' 10" E  
 20'

200.00

4 45° 04' 15" W 1176.82'



**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 81-0185  
 Location of property (road) MD. Rt 108  
 Subdivision FOX HAVEN Lot 9 Block      Plat      Sec.       
 Well Driller Robert L. Cline Owner Karl Peters

Depth of well 425  
 Distance of measuring point (M.P.) above ground 0  
 Static water level (S.W.L.) below M.P. 45

I. High rate pumping -- reservoir drawdown

Time pump started 8:35 Pumping rate 10 GPM  
 Total time 25 MIN to reach pumping water level 161 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:35	45	6 SECONDS	✓	10
8:50	128	6 "	✓	10
9:05	160	6 "	✓	10
9:20	161	53"	✓	1+
9:35	161	53"	✓	1+
9:50	161	53"	✓	1+
10:05	161	53"	✓	1+
10:20	161	53"	✓	1+
10:35	161	53"	✓	1+
10:50	161	53"	✓	1+
11:05	162	53"	✓	1+
11:20	162	53"	✓	1+
11:35	162	53"	✓	1+
11:50	162	53"	✓	1+
12:05	163	53"	✓	1+
12:20	163	53"	✓	1+
12:35	164	53"	✓	1+
12:50	164	53"	✓	1+
1:00	164	53"	✓	1+
1:15	165	53"	✓	1+
1:30	165	53"	✓	1+
1:45	165	53"	✓	1+
2:00	165	53"	✓	1+





B 1 **3901** SEQUENCE NO. (OEP USE ONLY)  
2 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 36 ON ALL CARDS) 4/8/83

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

OEP PERMIT NUMBER  
**HO-81-0185**  
70 fill in this form completely 79

Date Received **9:30 A.M. (brunt)**  
OWNER INFORMATION  
**PETERS** **KARL**  
15 Last Name Owner First Name  
**10403 IRIS PLACE**  
36 Street or RFD 55  
**ADELPHI** **MD 20837**  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
1 **HOWARD** 21  
8 COUNTY  
**FOXHAVEN** 42  
23 SUBDIVISION  
SECTION **9** 50  
44 46 LOT 48  
**HIGHLAND** 71  
52 NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **2** 73 76 77 78 MI

DRILLER INFORMATION  
**Robert L. Cline** **139**  
Driller's Name 77 License No. 80  
**Cline and Duvall, Inc**  
Firm Name  
**8093 Hillmark Court, Frederick**  
Address  
**Robert L. Cline** **6-8-83**  
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
N N E  
W W E  
S S E  
TOWN  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH N  
WEST W EAST E  
SOUTH S  
NEAR WHAT ROAD **MD. Route 108** 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD **5** 37  
ENTER FT or MI **MI** 38 39

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **300** 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 T TEST/OBSERVATION; MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** **A 30829**  
COUNTY NAME COUNTY NO.  
OEP SIGNATURE STATE HEALTH (INSERT S) 41  
DATE ISSUED **07/1/83** **Frank Shuman** **11/1/84**  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **482000** EAST GRID **0808000**  
50 55 57 63

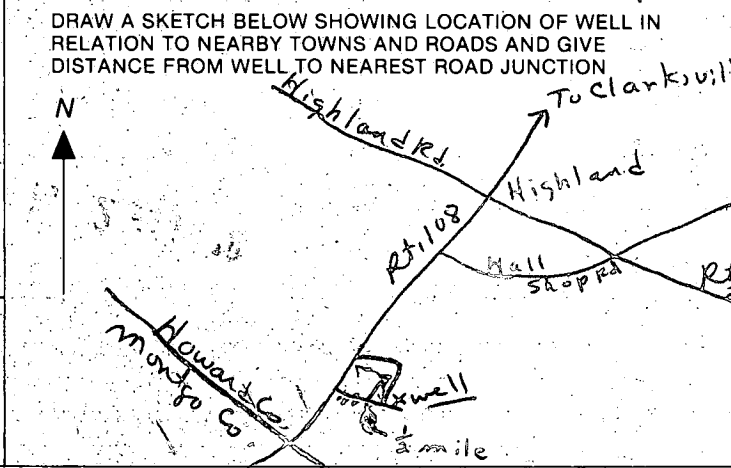
APPROXIMATE DEPTH OF WELL **300** FEET  
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH.  
NEAREST INCH.

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. Well  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E **8008**  
N **4802**  
000  
000  
LOCATION OK  
48' CASING  
1 1/2' ABOVE GR.  
20' OPEN  
PIPED TO 30'  
Howard Co. BAGS CEMENT  
Munfg. Co. Clarksville  
9-8-83  
Brown Rd. well

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39  S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 D THIS WELL WILL DEEPEMED AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52



Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER **GAP** 54 63  
FORCE **FS** WRITE INITIALS IN BOX PERMIT NO. **HO-81-0185**  
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

Radius = 635.00'  
 Arc L = 104.76'  
 Chd = N 24° 43' 24" E  
 104.61'

R/W Use In Common  
 50'  
 N 29° 27' 10" E  
 58.00'

5.267 ACRES

9

PLAT OF SURVEY  
 OF  
 LOT 9, FOX HAVEN  
 FIFTH ELECTION DIST., HOWARD CO.  
 HIGHLAND, MARYLAND  
 SCALE 1 IN = 100 FT FEB 7, 1975



*Robert E. Ross*

C-4194

denotes field location of percolation test  
 The lot shown hereon complies with the  
 minimum ownership and lot area as required  
 by the Maryland State Health Department.

Provided: Private Water & Private Sewer

*Robert E. Ross* 6/18/75  
 Howard County Health Officer Date

panel  
to the  
property  
level of  
should be  
can

en located  
rmed.

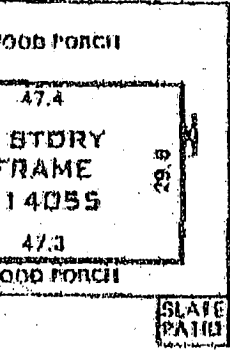
LIBER 1210  
FOLIO 728  
5.26 Ad.

1203.13'

S 65°26'51"E

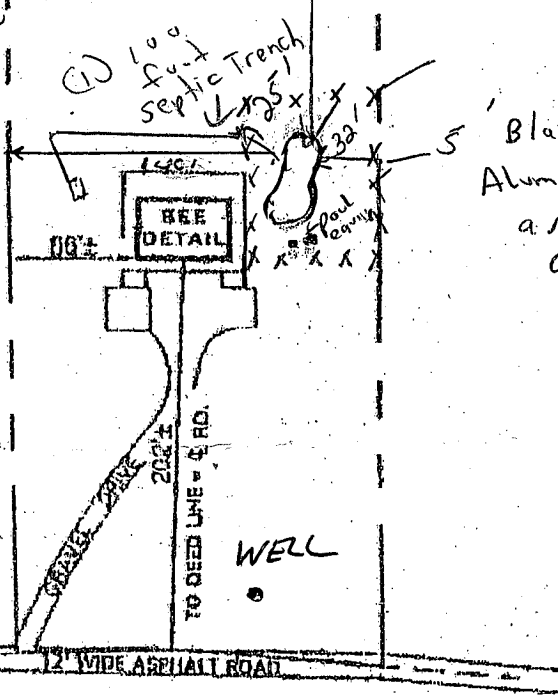
1176.69'

N 65°04'15"W



BP000147121  
OK  
Proposed  
Pool location  
3/31/04  
Approx  
of well location  
to well driller's  
well completion  
report

KN



TAIL  
1" = 50'

A = 114.72' 75.00'  
R = 635.00' N 29°27'10"E

ING  
S PROPERTY  
FOLIO 728  
ARYLAND

CLARKSVILLE PIKE  
(50' TWW)