

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

04-323203

INDEXED

P 41857

A REPAIR

DISTRICT \_\_\_\_\_

DATE 6/2/88

DATE SYSTEM APPROVED \_\_\_\_\_

INSPECTOR \_\_\_\_\_

Arnold Backhoe & Septic Services, Inc.

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION \_\_\_\_\_ ROAD 16625 Frederick Road LOT \_\_\_\_\_

PROPERTY OWNER Earl Heckman

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.

PUMP SYST. Single Pump 1/2 HP 50-75 GAL/cycle  
TRENCHES 3" WIDE; INLET 2.5' BOTTOM 5.0' 225 #/RK HOUSE TO HAUC  
3-100' TRENCHES; ST 1500 GAL TOP SEAM 2 COMPARTMENT. PUMP PIT TO  
DIS. BOX 2" PVC 40 PIPE; VENT DIS. BOX. MANHOLE TO GRADE OVER  
PUMP PIT. 6" C/O ON ST. EXISTING WELL TO BE ABANDONED NEW well  
Drilled,

PLANS APPROVED BY C. Williams DATE 5/26/88

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.

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

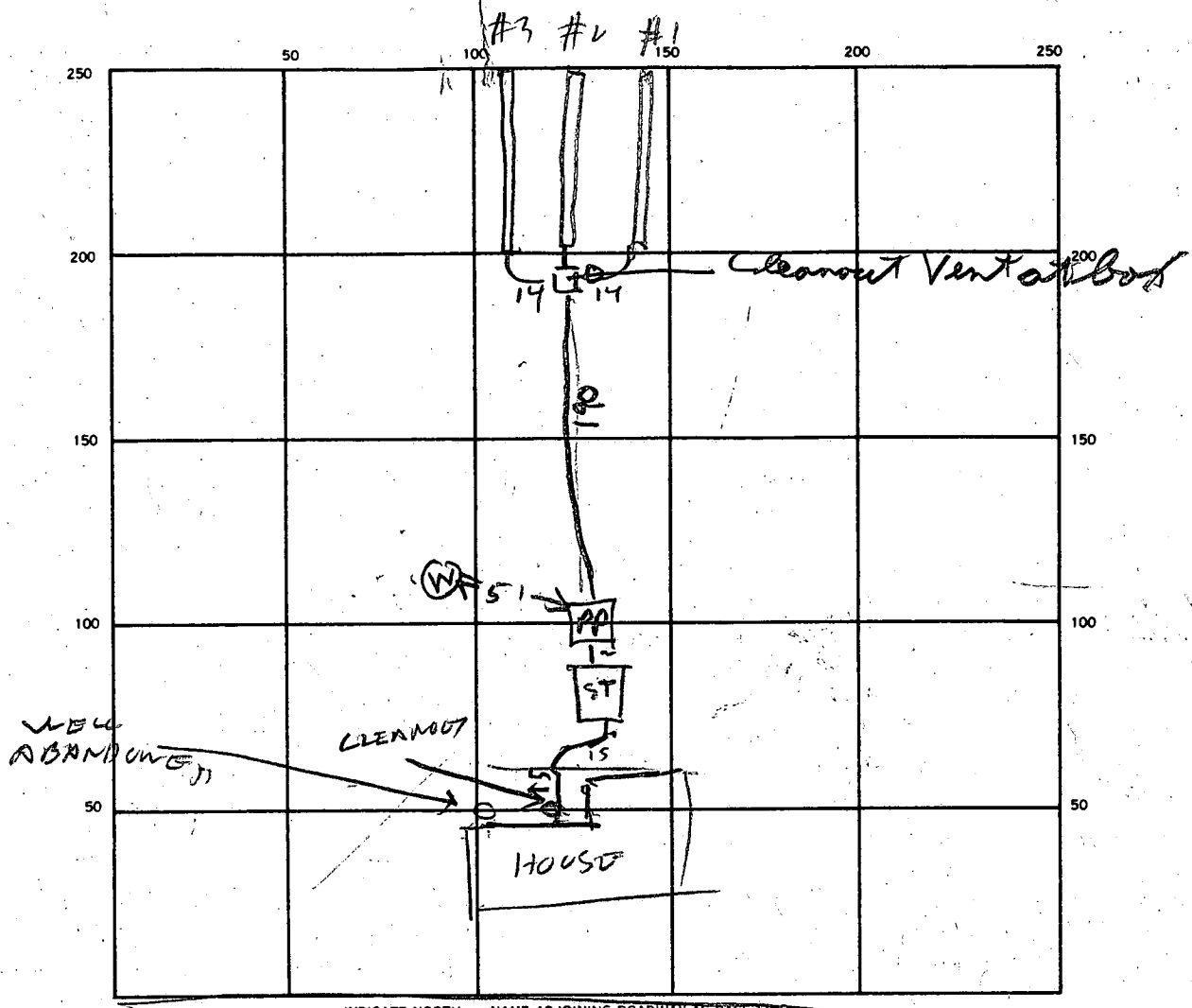
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

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

EH - 2-1186

A 41857



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 144

TWO COMPARTMENT  
 SEPTIC TANK. LEVEL 1500 GALL TOP SEAM CLEANOUTS OK OK MANHOLE DISTRIBUTION BOX VENT  
1000 GAL PUMP PIT

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH 1 2 3 FT. TRENCH WIDTH 1 2 3 FT. INLET DEPTH 1 2 3 FT.  
5 5 5 3 3 3 2.5 2.5 2.5

EFFECTIVE GRAVEL DEPTH 1 2 3 FT. TOTAL LENGTH 100 100 100 FT. 300  
2.5 2.5 2.5

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 10/5/88 LOCATION OK - NEW PUMP PIT ONLY  
50 FT FROM PUMP PIT BUT WANE SAID SIB SPLIT  
IT WAS OK PUMP INSTALLED AND WORKING RE  
BEVE ON WELL WATER LINE NEAR TANK

D \_\_\_\_\_ M APPROVED 10/5/88 INSPECTOR Raymond Hodge

REVIEWED - REFERRED TO  
SID ABEL FOR IFA EVALUATION  
SITE HIGHLY RESTRICTIVE,  
5/31/88  
CW

TO: CRAIG WILLIAMS  
WATER AND SEWERAGE PROGRAM

Re: Perc Testing for  
Septic Repair  
16625 Frederick Road

Owner: Mr. Earl Heckman  
3233 Sharp Road  
Glenwood, MD 21738

The Existing septic system was not located on May 27, 1988. Six perc holes were investigated. All had thick red silty clay loam overlying red silty clay loam with 25 percent to about 60 percent of broken slate / phyllite rock fragments. The rock became more competent and exhibited massive bedding with depth. Refusal was at about 10.0 feet at the deepest area. Of all areas tested only perc holes #3 and #4 had potentially acceptable percolation times. Shelves were perced about 3.5 feet and 4.0 feet above the beginning of structured rock in holes 3 and 4 respectively.

If a system were to be designed using these two locations, then the bottom of the trench must be no deeper than 2.5 feet with the inlet at 1.0 foot. An area about 100 feet wide was tested. As one moves to either side of this "strip" the soils become worse with shallower depths to rock and / or more clay with depth. A repair area is very limited and it is doubtful if enough area exists in this 100 foot by 50± foot location for two septic systems.

Another problem with this system would be obtaining gravity flow from the house. A pump may be needed to maintain the inlet at 1 foot.

The existing well is adjacent to the rear side of the house and appears to be less than 50 feet from the area of the existing septic system. A new well could only be located on the opposite side of the house (to the right of house when facing it from Frederick Rd). A County right-of-way limits the front yard to 20 feet between it and the house. No well could be placed in front of the house.

My recommendation is to disapprove a septic system for this property. I feel that the slight grade and closeness to rock from the ground surface would only create major repair problems in the future where possibly no repair area exists. If the existing system was located and evaluated, it might be possible to use the existing system if it is in good condition and could take the proposed sewage load. This could save the other area tested today as a repair area.

My initial feeling is that the existing system is not adequate or in good condition and therefore no repair area exists. I also feel that a more experienced colleague should review this information before a final decision is reached.

Jane Madear  
May 27, 1988

6/17/88

ORIGINAL hole # 5 ME AIRLY - RED BR. CLAY LOAM 25-40% FLA9S TO 3-4"  
RED BR. TO YELL. BR. SILT CLAY LOAM MASS. FRAGS

<u>DEPTH</u>	<u>START</u>	<u>STOP</u>	<u>START</u>	<u>STOP</u>	<u>MIN</u>
7'	12:25	12:27	12:27	12:30	3 min
3.5'	12:28	12:34	12:34	12:43	9 min

ORIGINAL Hole # 3

<u>DEPTH</u>	<u>START</u>	<u>STOP</u>	<u>START</u>	<u>STOP</u>	<u>MIN</u>
7'	12:54	12:57	12:57	1:02	5 min

**C1** 9591 SEQUENCE NO. (DENV 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 PRINT OR TYPE COUNTY NUMBER P 41857

DATE Received: [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED: 10/19/12 Depth of Well: 500 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL": HC-88-0623

OWNER: HECKMAN last name first name TOWN: LOVE  
 STREET OR RFD: 16001 WYOMING ST SUBDIVISION: TAX MAP 7 SECTION: 74 LOT: 10

**WELL LOG**  
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Topsoil	0	1	
Clay	1	13	
Below clay	13	17	
Clay shale	17	25	
Below shale	25	30	
Clay shale	30	36	
Below shale	36	39	
Clay shale	39	46	
Below shale	46	50	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL: CEMENT  CM BENTONITE CLAY  BC  
 CEMENT NO. OF BAGS 60 NO. OF POUNDS 6000  
 GALLONS OF WATER 30  
 DEPTH OF GROUT SEAL (to nearest foot): from 0 ft. to 18 ft. (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST  CO STEEL CONCRETE  
 PL  OT PLASTIC OTHER  
 MAIN CASING TYPE:  ST  PL  OT  
 Nominal diameter (nearest inch): 5 7 1 1 1 1  
 Total depth of main casing (nearest foot): 1 1 1 1 1 1

**OTHER CASING (if used)**  
 diameter inch depth (feet) from to

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 ST  BR  HO STEEL BRASS OPEN HOLE  
 PL  OT PLASTIC OTHER

**C2**

EACH SCREEN	DEPTH (nearest ft.)					
	1-8	9-11	12-15	16-19	20-24	25-30
1	<u>10</u>	<u>19</u>	<u>500</u>			
2						
3						

SLOT SIZE 1: 2 2: 3 3: 3  
 DIAMETER OF SCREEN (NEAREST INCH): 5 6 6 6 6 6

CIRCLE APPROPRIATE LETTER  
**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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40  
 DRILLERS SIGNATURE: [Signature]  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

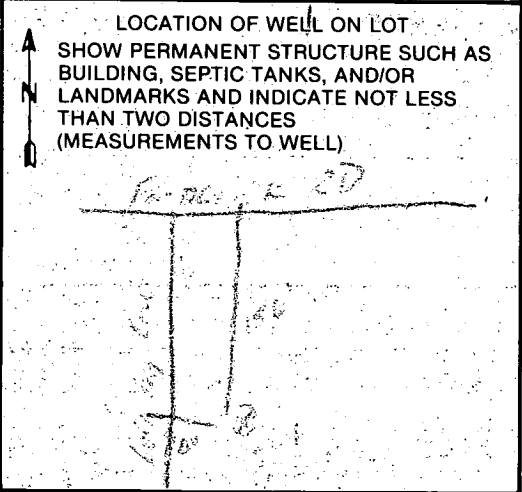
GRAVEL PACK from          to           
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

**OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)**  
 T. (E.R.O.S.)  W.Q.   
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 1 1 1 1 1  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING: 50  
 WHEN PUMPING: 500  
 TYPE OF PUMP USED (for test):  A air  P piston  T turbine  C centrifugal  R rotary  O other (describe below)  J jet  S submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES  NO   
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:   
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)                                      
 PUMP HORSE POWER                                      
 PUMP COLUMN LENGTH (nearest ft.)                                      
 CASING HEIGHT (circle appropriate box and enter casing height):  + above  - below LAND SURFACE (nearest foot)                                    



B 1- 8529

SEQUENCE NO. (DP-USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0023

fill in this form completely

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

please print or type

Date received (APA)

062788

OWNER INFORMATION

HECKMAN EARL

3233 SHARP RD

GLENWOOD MD 21738

B 3-

LOCATION OF WELL

HOWARD

TAKHAPT PARCEL 74

SECTION LOT

LISBON

MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION

George F. Easterday 40

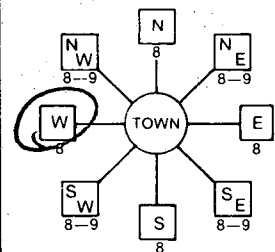
L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

Signature: George F. Easterday Date: 5/17/88

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



16625 FRED RD

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

Distance from road: 200

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only) - circled
Farming (livestock watering & agricultural irrigation)
Industrial, commercial, state and federal gov. other (requires appropriation permit)
Public or private water company (requires appropriation permit and state health department approval)
Test, observation, monitoring (may require appropriation permit)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 41857 COUNTY NO.

STATE SIGNATURE DATE ISSUED

062788 Sec. Bur 12/27/88

NORTH GRID 549000 EAST GRID 0773000

APPROXIMATE DEPTH OF WELL 200 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

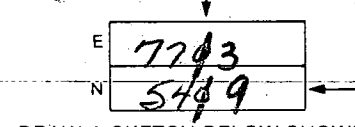
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL - circled
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED - circled
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - circled
THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

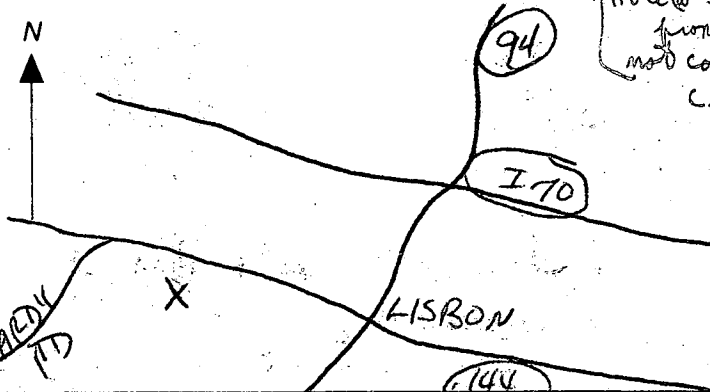
- SOURCES OF DRILLING WATER
1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



8-19-88 9:30am per Well Driller
6 bags of cement
21" casing
1/2 casing above location ground
Well shown 8/19 C.B.

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



APPROP. PERMIT NUMBER GAP

FORCE 53 PERMIT NO. 40-88-0023

SPECIAL CONDITIONS OLD WELL TO BE ABANDONED AT TIME OF NEW WELL HOOR UP

DRILLER

# APPLICATION

PERCOLATION TESTING 1/2

A \_\_\_\_\_  
P Repair

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

DISTRICT \_\_\_\_\_  
DATE \_\_\_\_\_

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 Mr. Earl Heckman Mrs. Real Estate

ADDRESS 3233 Sharp Rd PHONE 442-5555

Glenwood, MD 21738

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

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

PROPERTY LOCATION:

SUBDIVISION 16625 Frederick Road LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

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 \_\_\_\_\_

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

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

REASONS FOR REJECTION OR HOLDING 5-27-88 Repair percs were marginal at best. Acceptable holes: 3 & 4 only. Inlet no deeper than 1 ft. Bottom maximum at 2.5 ft. May have to pump system from house. Repair area may not exist. JEN

HD-216

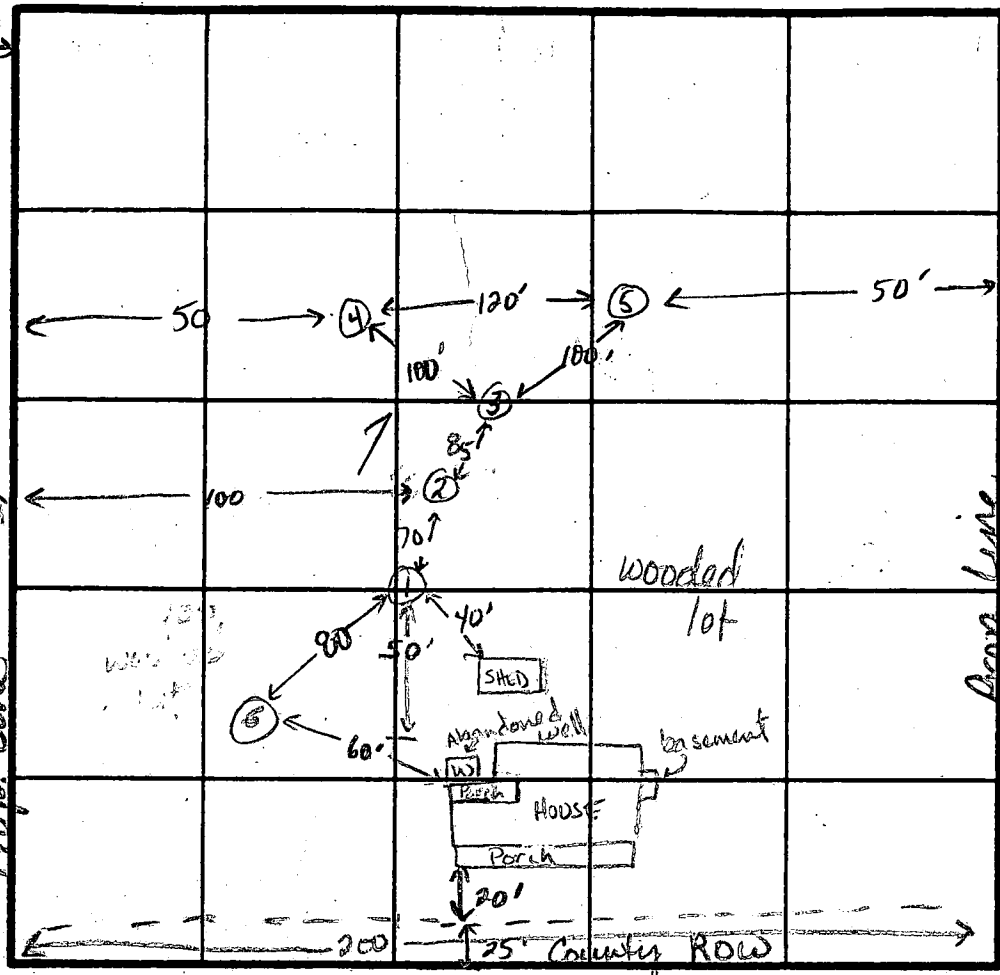
## THIS IS NOT A PERMIT

High  
Low?  
neighbor's well  
④ ← 100' →

SOIL PROFILE

① ②

0-3.0 Rd sil cl lm  
3.0-7.5 Rd sa sil cl lm, some broken rock frags < 60% Refusal  
7.5 Refusal



⑤

0-3.5 Rd sil cl lm  
3.5-10.0 Rd sa sil cl lm, some broken rock, < 35% structure at 6.5 ft  
10.0 Refusal

HO-73-1533

⑥ neighbors well 100ft+ to property line

③

0-3.0 Rd sil cl lm  
3.0-10 Rd sa sil cl lm, some broken rock frags < 35% structure at 8.0  
10.0 Refusal

④

0-2.5 Rd sil cl lm  
2.5-9.5 Rd sa sil cl lm, some broken rock frags < 45% structure apparent at 6.5 ft  
9.5 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-27-88	1	7.5 V	Refusal at		7.5 ft		Failed
	2	6.5 V	Refusal at		6.5 ft		
	3	4.5 M	10:20	10:30	10:30	10:53	23min
		10.0 D	Refusal at 10.0 ft (structured bed at 8')				ok
	4	2.5 S	10:45	10:47	10:47	10:50	3min
		4.5 M	10:37	10:39	10:39	10:45	5min
		9.5 D	Bottom				ok
	5	2.5 S	10:59	11:14	1/4 inch		
		10.0 D	Refusal at 10.0 ft (structured bed at 6.5')				ok
	6	9.0 V	Refusal at 9.0 ft (structure at 4.5')				Failed

27  
28  
29

Inlet at 3' Bottom at 4.5' max

27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40

REMARKS All holes appear to be about the same El and not much lower than House El.

TYPE OF SOIL 0-2 Rd sil cl lm 2-10 Rd sa sil cl lm, < 40% rock

TESTED BY JE Dadeau ALSO PRESENT Mr. Heckman Wayne

# APPLICATION

PERCOLATION TESTING

2/2

A \_\_\_\_\_  
P Repair

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 Earl Heckman

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

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

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 16625 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.

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

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

HD-216

# THIS IS NOT A PERMIT

⑥

SOIL PROFILE

0-3.0 Rd silt  
lm

3.0-9.0 Rd silt  
cl lm,  
some  
broken  
rock frags  
~ 35%  
structure  
apparent  
at 4.5

9.0 Refusal


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SYST

SUPPORT 2"  
BUFFER.

Inlet 2.5'-3.5'  
Bottom 4.5'-  
5.0'

Repair at  
225 P/BR

Pump Syst

100 GAL / Pump  
MAX

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/17/88	5	3.5'	12:28	12:34	12:34	12:43	9min
		7.0'	12:25	12:27	12:27	12:30	3min
	3	7'	12:54	12:57	12:57	1:02	5min

80-75 Ideal REMARKS \_\_\_\_\_

Single Pump TYPE OF SOIL Mt Airy

1500 GAL TDP TESTED BY S. Allen

ALSO PRESENT SPAN B. / ARNOLD  
Backhoe

SEAM TANK 2 COMPARTMENT

PIPE FOUND

P.O.B.

747/351  
STEVE MORJATH

N 27° 58' 06" E

N 68° 42' 59" W 208.02

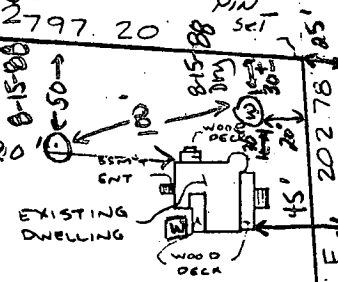
57/151  
3.7368 AC.

Replacement Well →

New well site ok  
JEN

5-27-88

well site pending  
lot line definition  
and perc approval  
JEN



Existing  
DRAIN FIELD

PINSCT S 27° 34' 22" W PIPE FOUND

STONE FOUND

799.15 PINSCT

355/319  
KATHERINE PICKETT

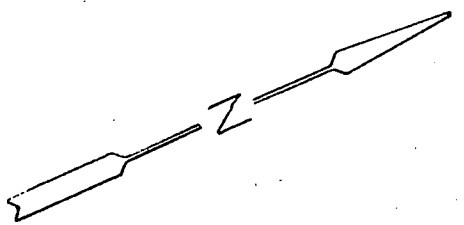
576/82  
KATHRINE PICKETT

569.26 23° E 202.78 85' 4/24/88

FREDERICK ROAD

RT 144

well  
site  
OK  
JK



PLAT OF SURVEY  
 OLD FREDERICK ROAD  
 4<sup>TH</sup> ELECTION DISTRICT  
 TAX MAP 7 PARCEL 74  
 HOWARD COUNTY, MD.  
 SCALE 1"=100' DATE 2 MAY 88

WELL ABANDONMENT REPORT

Date: 8/25/88

PERMIT NUMBER OF ABANDONED WELL (if any)

		-			-				
--	--	---	--	--	---	--	--	--	--

DRILLER'S NAME Easterday, George  
LAST FIRST

OWNER'S NAME Hechman EARL  
LAST FIRST

WELL LOCATION:

COUNTY: Howard

SUBDIVISION: \_\_\_\_\_

SECTION: \_\_\_\_\_ LOT: \_\_\_\_\_

NEAREST TOWN: Lisbon

ADDRESS: 16625 Old Fred. Rd.

MARYLAND GRID LOCATION:

E	<u>773</u>
N	<u>549</u>

X	
0/5	5/5
0/0	5/0

SHOW WELL LOCATION BY (X) WITHIN BOX

TYPE OF WELL

- DRILLED
- JETTED
- BORED OR AUGERED
- OTHER, SPECIFY

DEPTH OF WELL 85 FT.

TYPE OF CASING

- STEEL
- PLASTIC
- CONCRETE
- OTHER, SPECIFY

SIZE OF CASING 6 IN.

WAS ANY CASING REMOVED  YES  NO

IF YES, AMOUNT REMOVED \_\_\_\_\_ FT.

WAS CASING RIPPED OR PERFORATED  YES  NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Gravel	85	22
Bentonite	22	11
Cement	11	4
Fill	4	0

DRILLER George F. Easterday  
 SIGNATURE

LICENSE# MDW 40

cc 8/29/88