

NOON  
11/2/90

Toy ID - 04 - 339045

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P 46491

A 45124

DISTRICT 4th

DATE 10/16/90

DATE SYSTEM APPROVED 11-2-90

INSPECTOR JBL

## INDEXED

William H. Smith, Jr.

IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Lavinia Hood Property ROAD 16634 Frederick Pike LOT 2

PROPERTY OWNER Gibson

ADDRESS \_\_\_\_\_

~~IF GARAGE GROUND IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

~~IF GARAGE GROUND IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

**TRENCHES** - 210 sq. ft. per bedroom. Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 200 feet of stone below distribution pipe.

**LOCATION** - Place the distribution box 180 ft off the right (778.28') lot line and 210 ft off the front (338.4') lot line as seen when facing the lot from Rt. 144. Run trenches on contour toward the right (778.28') and left (572.39') lot lines. Maintain a minimum of 100 ft to all adjacent wells.

**NOTE** - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 6-7-90 JEN

PLANS APPROVED BY Jane Nadeau cm DATE 12/08/89

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

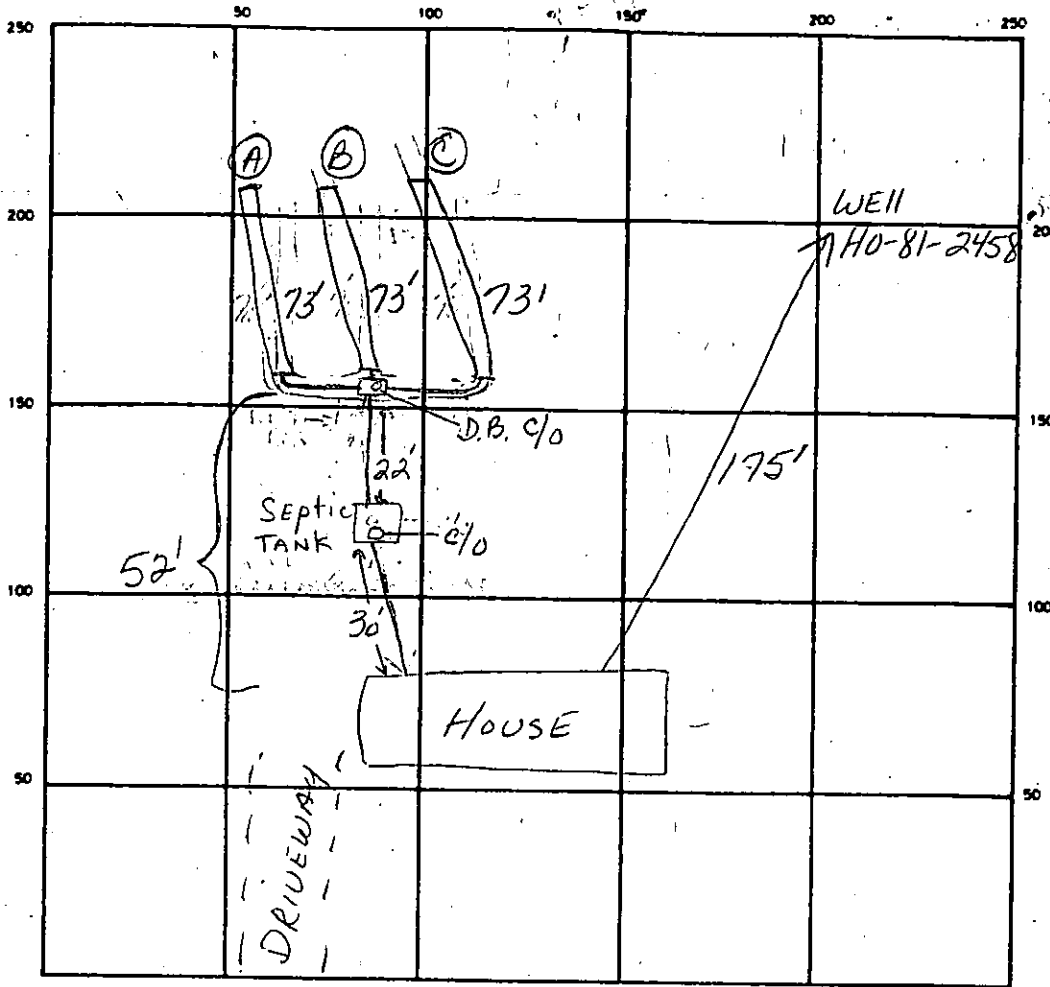
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

A  
45124



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Route 144

SEPTIC TANK LEVEL YES CLEANOUTS ON SEPTIC TANK & DISTRIBUTION BOX

DISTRIBUTION BOX LEVEL YES

DRAIN FIELD/TILE FIELD DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT. BELOW ORIGINAL GRADE

EFFECTIVE GRAVEL DEPTH 12.5 FT. TOTAL LENGTH 73 73 73

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 21.9 21.9 21.9 SQ. FT.

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

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

REMARKS SEPTIC AREA OK TO COVER -

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE SYSTEM APPROVED 11-2-90 INSPECTOR JBG

11/14/89 10:00

# APPLICATION

PERCOLATION TESTING

A 45724

P \_\_\_\_\_

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

PREVIEW OK  
BE ALERT TO PREVIOUS  
FAILED TEST #7  
FRONT LEFT CORNER OF LOT  
10/31/89

DISTRICT 4TH  
DATE October 22 1989

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

OWNER NOTIFIED  
OF DATE.

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

PROPERTY OWNER Tobias Miller Gibbon

ADDRESS 925 E Watersville Rd PHONE 489-7336

PROSPECTIVE BUYER Mt Airy Md 21771

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

PROPERTY LOCATION:

SUBDIVISION Lavinia L Hood LOT NO. 2

ROAD AND DESCRIPTION 4th Election District - East Watersville Road  
Plot # 3946

TAX MAP 2 PARCEL # 486

SIZE OF LOT 6th acres TYPE BLDG. Single Family Home  
(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.

Tobias Miller Gibbon  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 11-14-89 Pending perc hole locations and plat approval, SHALLOW SYSTEM ONLY. JEN

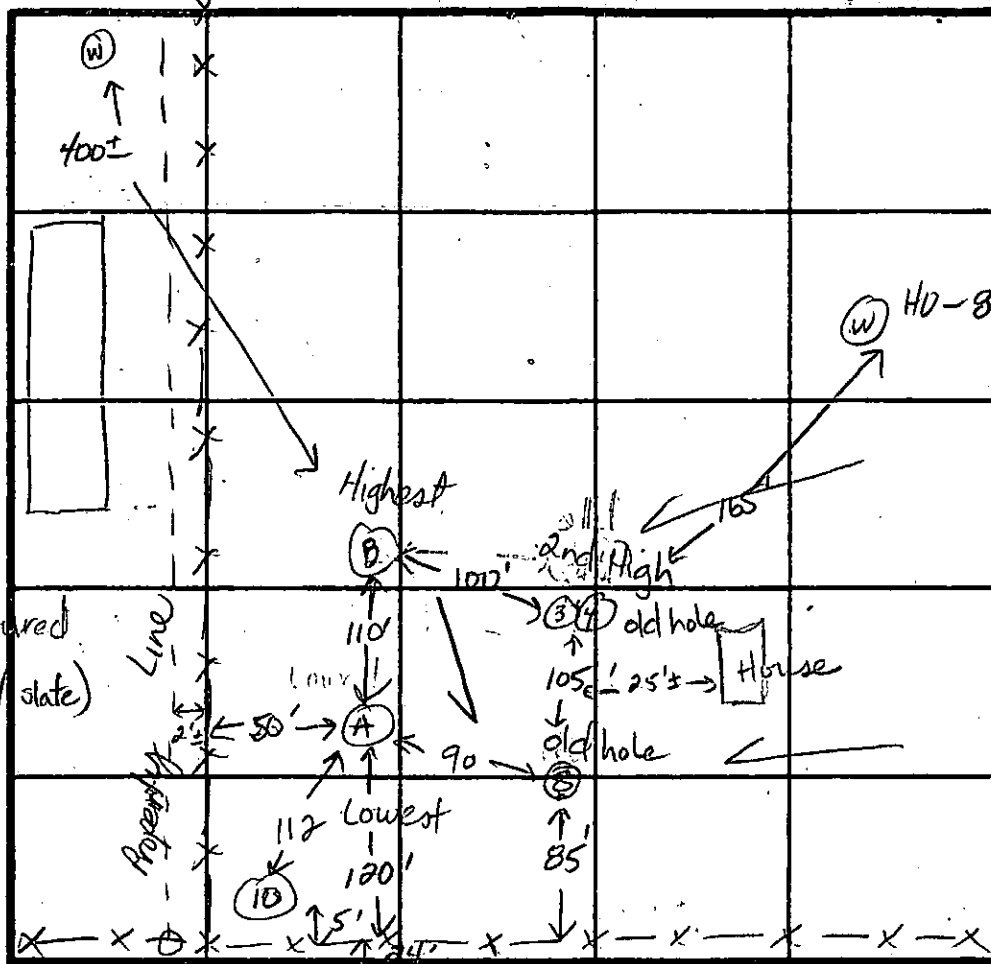
# THIS IS NOT A PERMIT

HD-216

BUDG. PERMIT SIGNED  
RETURNED 05/31/90  
Serial # 32815

A 45124

(A) SOIL PROFILE



HW-81-2458  
 $\bar{x}$  = 7.1 min  
 Inlet = 2.5 ft  
 Bottom = 4.5 ft  
 210 sq ft | bdrim  
 SHALLOW ONLY

0'-5.0' Rd-br sa si cl lm some broken rock <15%

5'-9.0' Rd-br cl sa si lm, some unstructured broken rock (Kijonite/slate) frags <20%

9.0' Refusal

(B)

0-5.0 Rd-br sa si cl lm, trc of broken rock frags <5%

5-10.5 Rd-yellow sa si lm, some broken rock (Kijonite/slate) <15%

10.5 Refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-14-89	A	3.0' S M	10:31	10:38	10:38	10:48	10min
		9.0 D	No rock structure		Refusal at 9.0 ft.		ok
	B	3.5 S M	10:40	10:41	10:41	10:46	5min
		10.5 D	No rock structure		Refusal at 10.5 ft.		ok
use holes 34, B, A, B, Run trenches from B to 3-4							

REMARKS: Holes as shown on plat.

TYPE OF SOIL: 0-5 Rd-br sa si cl lm, 5-9.0 Rd-br cl sa si lm, <20% rock

TESTED BY: Jane Nadeau

ALSO PRESENT: Glen K Jr. Owner

# APPLICATION

PERCOLATION TESTING

A 25674  
P \_\_\_\_\_

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

*6-1-87*  
*Perks ok pending*  
*plat approval JEN*

DISTRICT \_\_\_\_\_  
DATE 5/7/87

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 A and Blanche L. Stensbury

ADDRESS 116708 Frederick Rd. Mt. Airy, MD 21771 PHONE 489-4309

PROSPECTIVE BUYER Toby Gibben

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

PROPERTY LOCATION:

SUBDIVISION Lavinia Hood Property LOT NO. two (2)

ROAD AND DESCRIPTION Some frontage on Route 144, right away from  
E. Watersville Road.

TAX MAP 7 PARCEL # 482

SIZE OF LOT 6.64 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

*Richard A. Stensbury*  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING for perc locations and plat approval.  
Well site staked,

SHALLOW SYSTEM ONLY

# THIS IS NOT A PERMIT

6-1-87 Well site staked & stickered on site at time of perks, JEN/BN

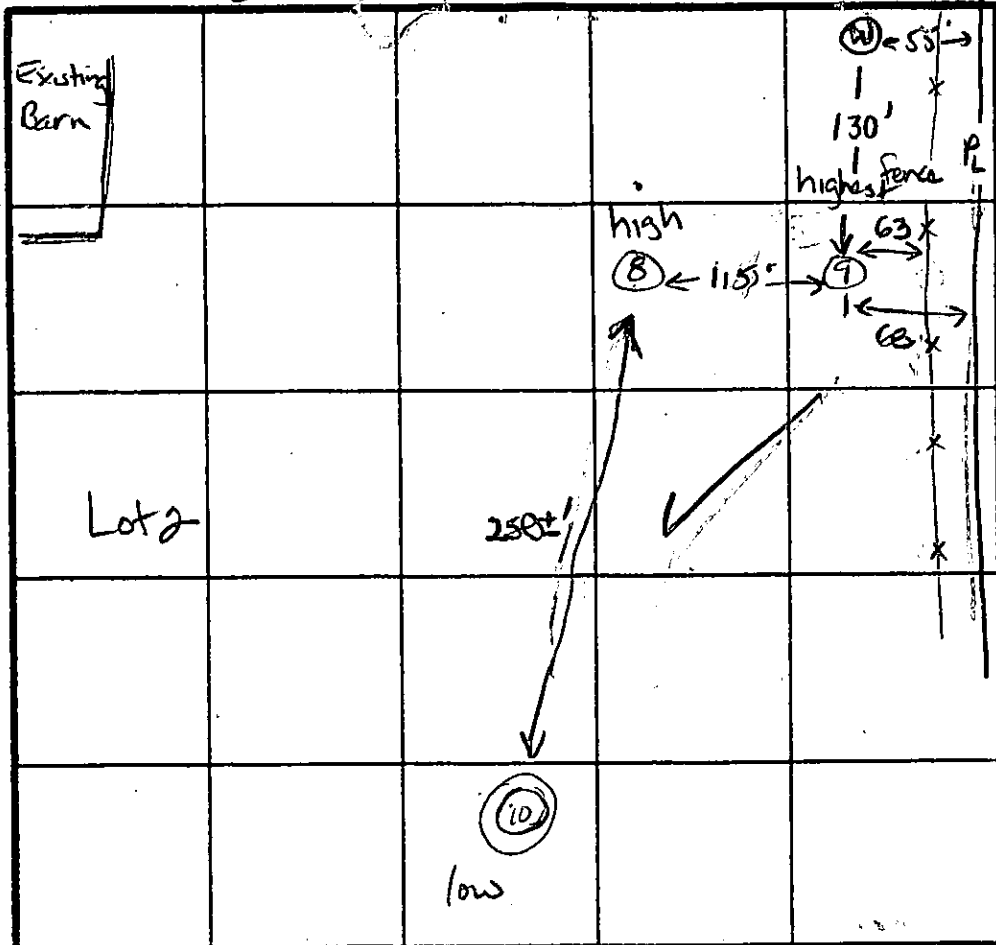
Lot 1 Existing Barn

SOIL PROFILE

0-5.0 Rd br si cl 1m

5.0-9.5 Rd br si loamy, broken shale frags, <20% frags Bottom

9.5 Bottom



$\bar{y} = 2 \text{ min}$

6-5.0 Rd br si cl 1m

5.0-10.5 yellow br si 1m, trace shale frags, <10% frags Bottom

10.5 Bottom

0-? Rd br si cl 1m

?-10± Rd br si cl 1m, <20% shale frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6-1-87	8	2.5 S	11:35	11:53	11:53	reperked shell	ok	
		4.5 S	11:56	11:57	11:57	12:01		4 min
		9.5 D	bottom (see profile)					
	9	4.0 S	11:44	reperked shell			2 min ok	
		5.0 S	11:50	11:51	11:51	11:52		
		6.5 M	11:47	11:47	11:47	11:48	1 min ok	
		10.5 D	bottom (see profile)					
	10	10.0 V					unsatis	
SHALLOW SYSTEM ONLY (HOLE & ROCK)								
			IN BOTTOM					

REMARKS start system @ (9) on contour → (8)

TYPE OF SOIL Rd br si cl loamy; rd br silty loam, <20% broken shale

TESTED BY J. Nadeau / B. Nixon ALSO PRESENT Jeff. Fyock

EH-12-1079

# APPLICATION

A 25673

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE <sup>1000 gallon</sup>

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

*Septic tank { 1-3 Bedrooms  
4 Bedrooms } 1200 gallons  
DATE 9/21/77  
Dry well to have 140 sq. ft. effective*

*absorbent sidewall area per bedroom below  
inlet. Inlet to be 3' below original grade and  
maximum depth of location per plat: 150' from  
left property and 175' from new front lot line  
when facing lot from R.R. 144. (Per hole 142)*

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 Lavinia Hood

ADDRESS Frederick Rd Mt. Airy PHONE any questions  
Hilda L. Hood  
531-5115

PROPERTY LOCATION: \_\_\_\_\_

SUBDIVISION \_\_\_\_\_ LOT NO. 2

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

SIZE OF LOT 4 acres TYPE BLDG. \_\_\_\_\_ 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 Lavinia L. Hood

APPROVED BY C. B. Street FOR Dry well & trench DATE 9/22/77

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

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

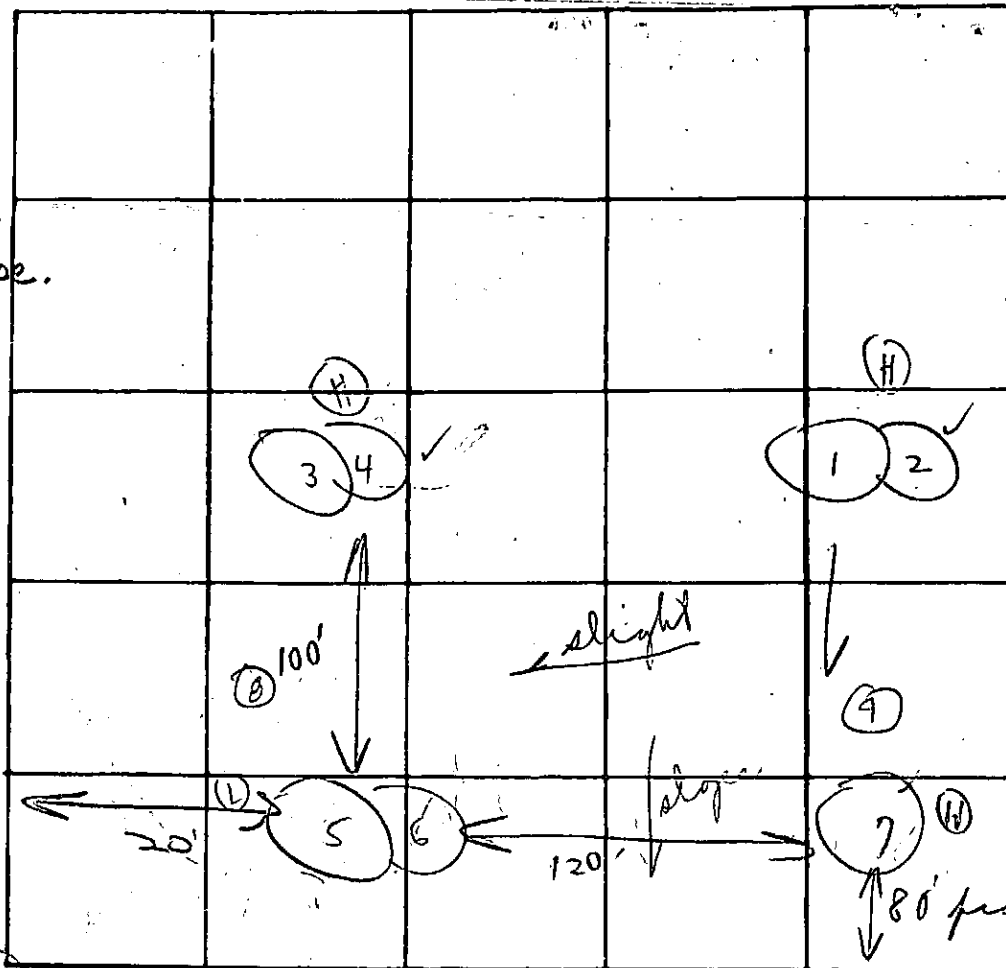
REASONS FOR REJECTION OR HOLDING Hold for certified holes  
& new lot lines.

# THIS IS NOT A PERMIT

Final plat different from this perc test period. Better ground upslope.

JEN 8-587

(8) & (9) perched on 6-1-87.



X = 0 min

80' from edge of road hot #2

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Popham

RX 144

ribbon

Sail Profile

DATE	TEST NO.	DEPTH	WATER		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/10/97	1	3'	3:27	3:31	3:31	3:37	6m
	2	11'	3:26	3:30	3:30	3:49	19m
	(3 A)	3'	2:54	2:54	3:05	3:11	
	4	(10')	2:54	2:56	2:56	3:01	5m
	(5 A)	4'	3:14	3:X	3:X	3:X	
	6	11 1/2'	3:13	3:15	3:15	3:20	5m
	7	(4' 11 1/2')					
	3 B	4'	3:19	3:21	3:21	3:24	3m
	(5 B)	5'	3:35	3:41	3:41	4:10	3/4"
	Clay 5 C	5 1/2' 6' 1/2'	4:15	4:29	4:29	4:46	19m

Weathered shale below clay

← room

10m  
140 sq ft

REMARKS

Open field

TYPE OF SOIL

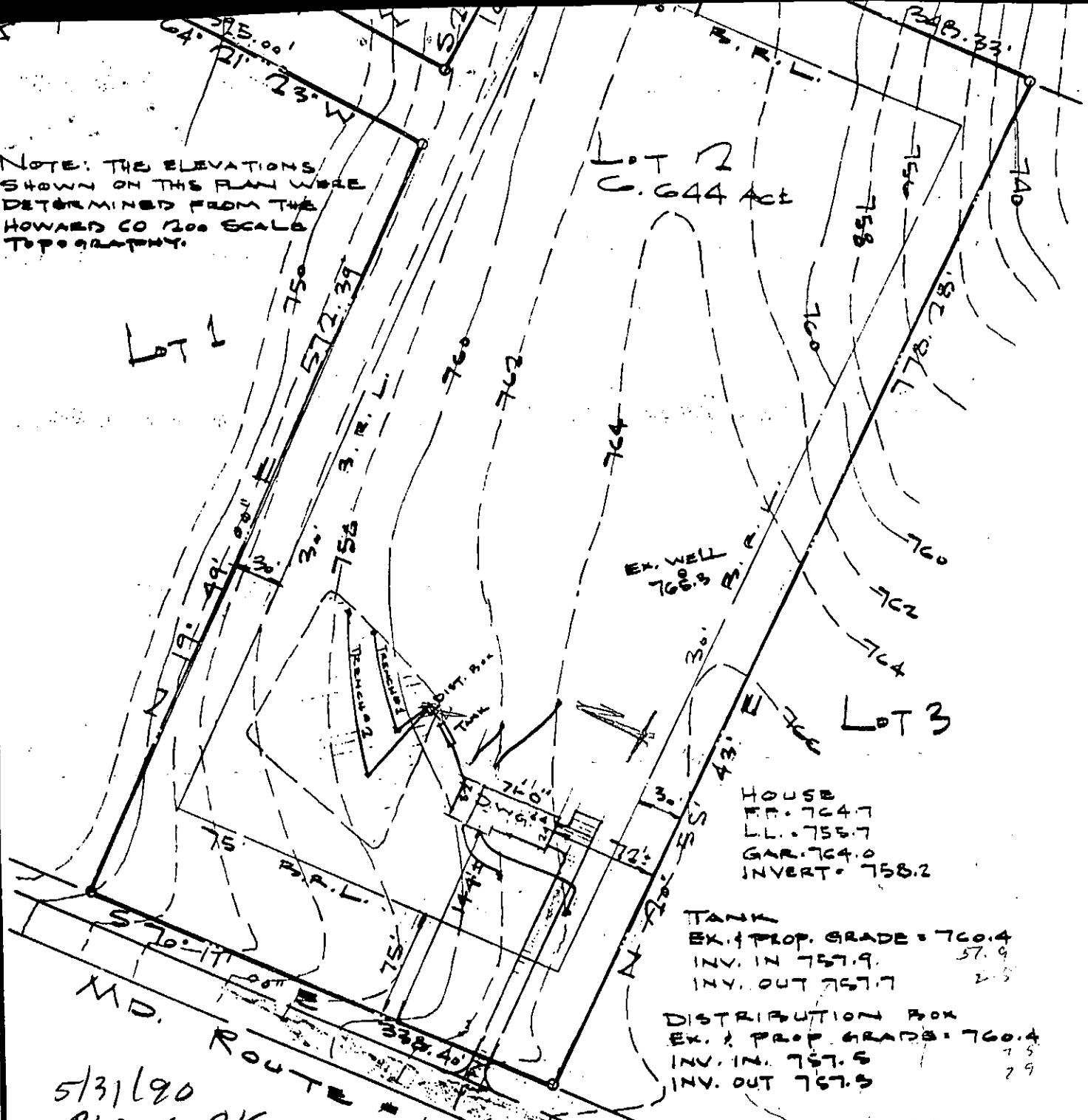
TESTED BY

C. B. [Signature]

ALSO PRESENT:

Max [Signature]  
Basket [Signature]  
[Signature]

NOTE: THE ELEVATIONS SHOWN ON THIS PLAN WERE DETERMINED FROM THE HOWARD CO 1200 SCALE TOPOGRAPHY.



HOUSE  
 FF. 764.7  
 FL. 755.7  
 GAR. 764.0  
 INVERT. 758.2

TANK  
 EX. + PROP. GRADE = 760.4  
 IN. IN. 757.9 57.9  
 IN. OUT 757.7 2.5

DISTRIBUTION BOX  
 EX. + PROP. GRADE = 760.4  
 IN. IN. 757.5 7.5  
 IN. OUT 757.5 7.9

TRENCH # 1  
 EX. + PROP. GRADE = 759.0  
 INVERT = 757.1  
 BOTTOM = 755.1  
 STONE = 2.0'  
 WIDTH = 3.0'

TRENCH # 2  
 EX. + PROP. GRADE = 758.3  
 INVERT = 756.3  
 BOTTOM = 754.3  
 STONE = 2.0'  
 WIDTH = 3.0'

5/31/90  
 PLANS OK  
 RH  
**PLOT PLAN**  
 LOT # 2  
 LAVINIA L. HOOD PROPERTY  
 PLAT # 3946  
 4th ELECTION DIST.  
 HOWARD CO., MARYLAND

I, CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS TO BE ACTUAL AND TRUE FOR THE PROPERTY.

*C. Brooke Mill*  
 C. BROOKE MILL, N.E.S. # 135

NOTE: TRENCH LENGTH IS TO BE DETERMINED AT THE TIME OF SEPTIC PERMIT ISSUANCE.

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., D.P.H.  
COUNTY HEALTH OFFICER



Bureau of Environmental Health  
3525 Ellicott Mills Drive  
Ellicott City, Maryland 21043

Director - 461-9956  
Water & Sewerage, Permits - 461-9933  
Community Environmental Health - 461-9944  
Technical Services - 461-9955

January 11, 1988

Mr. Toby Gibbs  
5285 Talbot Landing Road  
Ellicott City, Maryland 21043

RE: L. Hood Property - Lot 2  
925 Watersville Road  
Well Number: HO-81-2458

Dear Mr. Gibbs:

The water sample recently submitted for testing from the above referenced water supply revealed that nitrate-nitrogen was present at a concentration of 14.0 parts per million. COMAR 10.17.13.09 prohibits approval of any water supply with a nitrate-nitrogen contaminant level in excess of 10 parts per million.

This department will grant a Permanent Deviation from that regulation if a nitrate removal device is installed that effectively maintains the nitrate-nitrogen contaminant level below the 10 parts per million requirements. Once this device is installed, it will be necessary for you to comply with the following conditions before a Final Certificate of Potability can be issued:

1. Within six months, you must have your water re-tested to insure that the installed nitrate removal system is operating properly. Thereafter a yearly nitrate analysis is recommended.
2. There must be continuing service contract with a plumbing contractor or water treatment service company to maintain the efficiency of the nitrate removal device. You must supply this Department with a copy of that contract.
3. If in the future, you decide to sell or rent your home, you must make any potential buyer/tenant aware of the above condition.

If you have any questions relative to this matter, or if the device has been installed and you are ready for resampling, please call me at 461-9933.

Very truly yours,

*Jane E. Nadeau*

Jane Nadeau, Sanitarian  
Water and Sewerage Program

