

12/5/90  
15:00 AM

# APPLICATION

PERCOLATION TESTING

A 46592

P \_\_\_\_\_

DISTRICT 4<sup>th</sup>

DATE 11-13-90

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 Mary Kesting + Bruce Kesting

ADDRESS 3425 Santee Rd., Baltimore, MD 21236 PHONE 301-882-7311

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

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

PROPERTY LOCATION:

SUBDIVISION Gerken Knoll LOT NO. 4 and 5

ROAD AND DESCRIPTION 1200 Underwood Road

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

SIZE OF LOT 7.72 acres TYPE BLDG. Single Fam. 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.

Mary Kesting  
(SIGNATURE OF APPLICANT)

220 29th St. B.K.

APPROVED BY Charles Bryan Street FOR Shallow Trenches DATE 12/5/90

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

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

REASONS FOR REJECTION OR HOLDING for certified holes; house sites; and water wells. Letters sent

C.B.A.

HAND DRAWN

HD-216

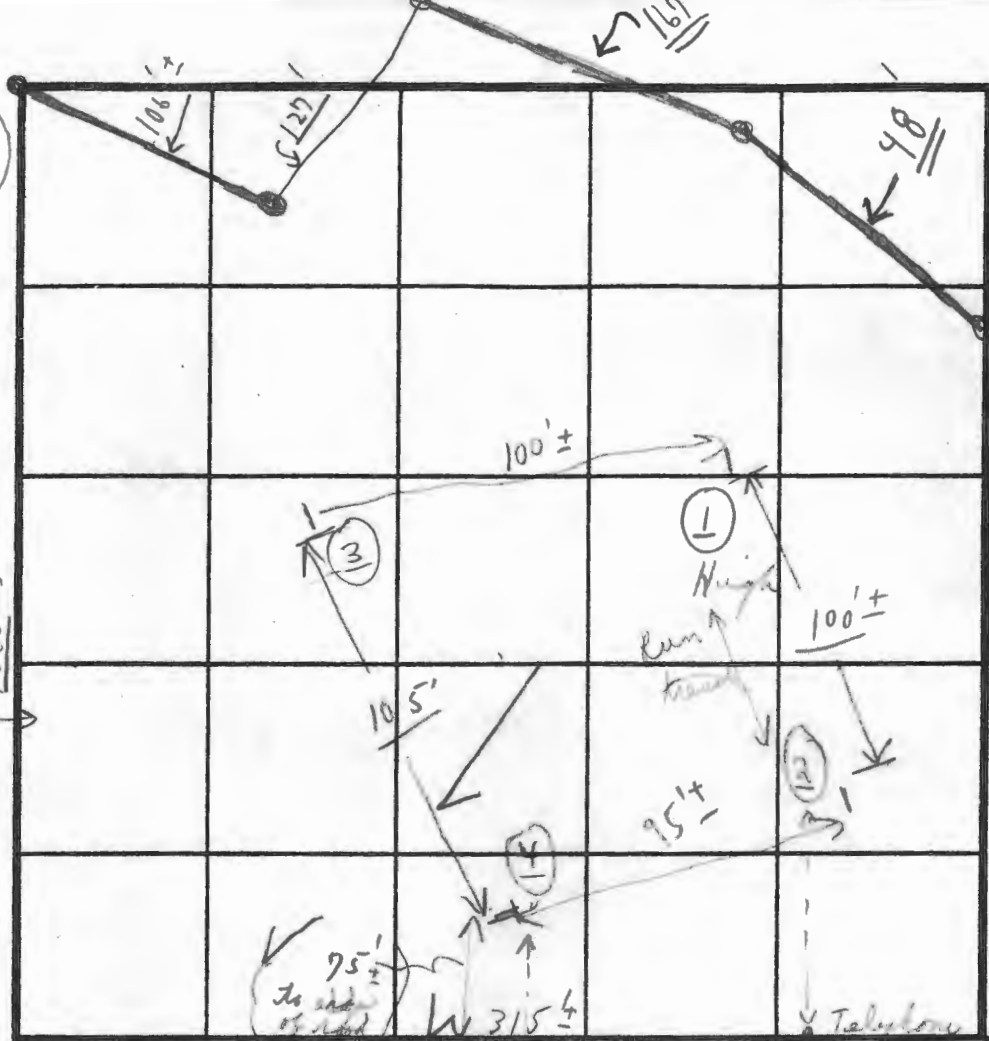
# THIS IS NOT A PERMIT

A #46592

(Lot 4 & 5  
or 1 LOT)

[#0 HOLE]  
SOIL PROFILE

6 1/2' CLAY  
4 1/2' to ↓  
Sandy  
LOAM  
↓ 13'  
Bottom



[#4 HOLE]  
SOIL PROFILE  
0' - 5' CLAY  
5' - ↓  
Sandy  
Loam  
BOTTOM  
12' 8"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

UNDERWOOD ROAD [unclear] Edge of home

[#2 HOLE]

SOIL  
PROFILE

0' - 4 1/2' CLAY  
4 1/2' to ↓  
Sandy  
Loam  
↓ 13'-3"  
Bottom

DATE	TEST NO.	DEPTH	WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/5/20	①	4 1/2'	12:00	12:02	12:02	12:04	2 min
	①	13'	0' - 4"	4" - 13'	Clay	Sandy loam (Dry)	
	②	4 1/2'	12:05	12:07	12:07	12:10	3 min
	②	13' 3"	0' - 4"	4" - 13'-3"	Clay	Sandy loam (Dry)	
	③	4 1/2'	11:55	11:57	11:57	11:59	2 min
	③	12 1/2'	0' - 4"	4" - 12 1/2'	Clay	Sandy loam (Dry)	
	④	5'	12:08	12:10	12:10	12:13	3 min
	④	12' 8"	0' - 5'	5' - 12' 8"	Clay	Sandy loam (Dry)	

[#3 HOLE]

SOIL PROFILE  
0' - 4 1/2' CLAY  
4 1/2' to ↓  
Sandy  
Loam  
↓ 12 1/2"  
Bottom

REMARKS (P.M. 4 HOLES OK) { No holes @ 10:00 - 12/5 COLD }  
12/5 Tests in open, [unclear]

TYPE OF SOIL Hold for cuttings [unclear] & well site & house [unclear]  
TESTED BY C. B. [unclear] ALSO PRESENT FOGLE'S SEPTIC 2 MEN GARY POORE JIM KOLLER  
[P.M. 12/5 → NO ROCK OR WATER] 1 Backhoe



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**HOWARD COUNTY HEALTH DEPARTMENT**

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

December 13, 1990

*Reply to:*

Mr. and Mrs. Bruce Kesting  
3425 Santee Road  
Baltimore, Maryland 21236

RE: Percolation Test Results  
Application Number: A46592  
Single Family Dwelling  
Gerber Knoll - Lot 4 & 5

Dear Mr. and Mrs. Kesting:

Percolation testing conducted December 5, 1990 on the above referenced property indicated satisfactory soil conditions. Copies of the results are enclosed.

Further review is contingent upon submission by a registered engineer of a plat showing certified locations and elevations of all excavated test holes and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

Craig Williams, Director  
Water and Sewerage Program

CW:jr

Enclosure (1)

cc: Tax Assessment Office  
File

INFORMAL PLAT ACCEPTED  
1/2/90 C. Williams

Five Oaks  
~~GEROLD KNOLL~~

A 46592

SUBDIVISION:

UNDERWOOD RD.

LOT NUMBER: 42

~~DRY WELL OR DRY WELL AND TRENCH~~

220 sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
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

180  
220 sq. ft./bedroom

Trench to be 3' wide.  
 Inlet 4' feet below original grade.  
 Bottom maximum depth 6' feet below original grade.  
 Effective area begins at 4' feet below original grade.  
2' feet of stone below distribution pipe.

4 BR = 240 ~~2000~~  
 5 BR = 300

- 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 <sup>220</sup>200 FROM THE FRONT LOT LINE AND <sup>160</sup>180 FROM THE RIGHT LOT LINE.  
 RUN TRENCHES ALONG CONTOUR TOWARD RIGHT SIDE OF LOT.

1/2/91 CWL

LOTS 4 AND 5 REVISED

" GERBER KNOLL

Subdivision of a part of the land of Charles T. Gerber and Joy May Gerber, situate in the 4th Election District, Howard County, Maryland.  
August 17, 1961. Scale: 1" = 200'

J. Harry Koller, L.S. No. 250

We, Charles T. Gerber and Joy May Gerber, the owners of Lot 5 and Henry W. Kesting and Mary G. Kesting, owners of Lot 4, shown hereon, adopt this plan of Subdivision and reserve the fee simple title to the beds of the streets and or roads shown hereon, and in consideration of the approval of this plat by the Planning Commission of Howard County, we, ourselves, our heirs and assigns do hereby give and grant unto the Board of County Commissioners of Howard County the right and option to acquire for the consideration of one Dollar, the fee Simple title to the beds of the streets and/or roads shown hereon within the period of five years from the date of the recording of this plat among the Land Records of Howard County.

Witness our hands and Seals this \_\_\_\_\_ day of December, 1961.

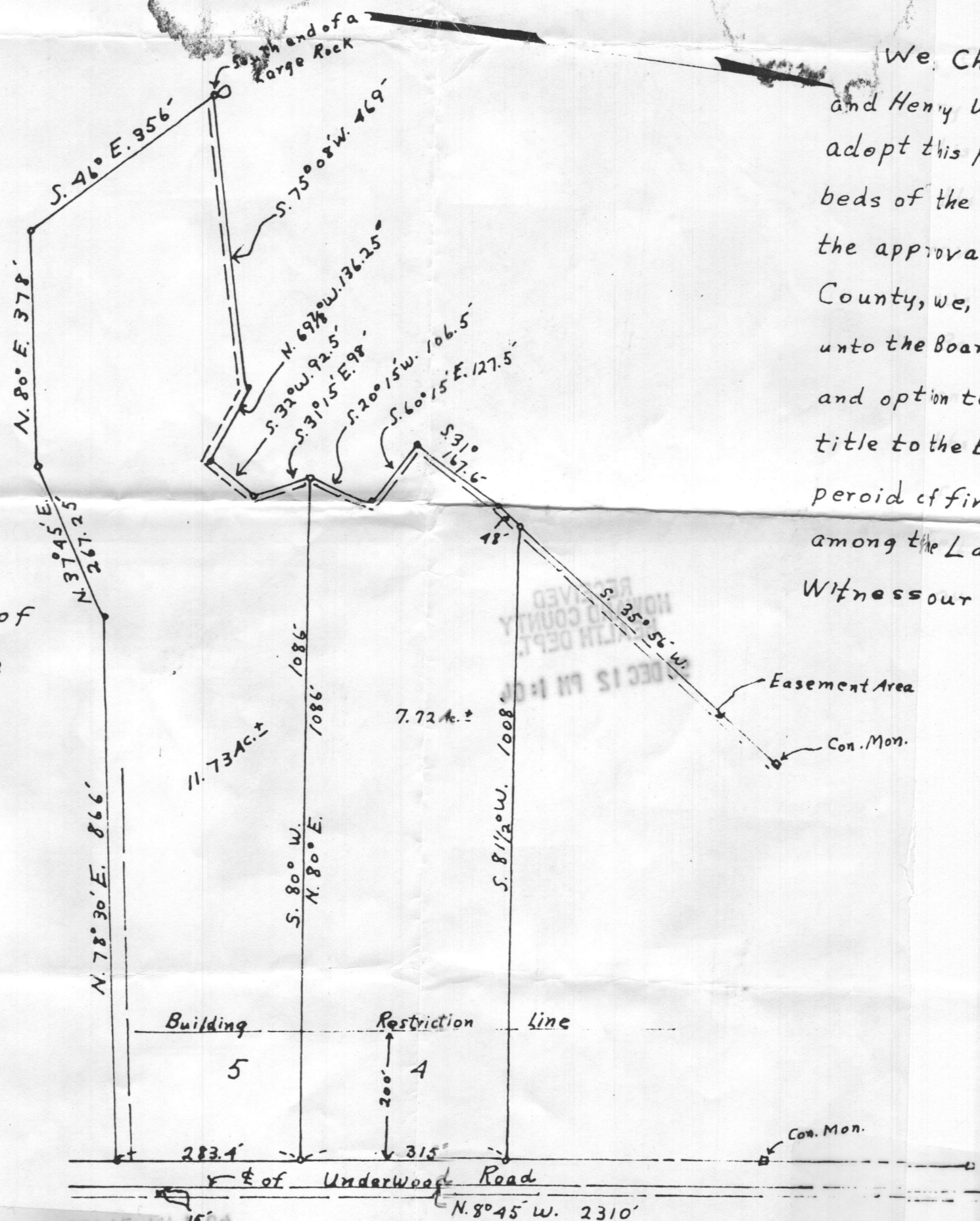
Charles T. Gerber (SEAL)  
Charles T. Gerber  
Joy May Gerber (SEAL)  
Joy May Gerber  
Henry W. Kesting (SEAL)  
Henry W. Kesting  
Mary G. Kesting (SEAL)  
Mary G. Kesting

ENGINEER'S CERTIFICATE

I hereby certify that I have surveyed a part of the property of Charles T. Gerber and Joy May Gerber, his wife, described in a deed from Paul B. Hockman and Alice Hockman, his wife, dated April 20, 1953, and recorded among the Land Records of Howard County, in Liber M.W.B. No. 243, folio 22 &c. Situate in the 4th Election District, Howard County, Maryland. Scale: 1" = 200'  
December 15, 1961.

J. Harry Koller  
J. Harry Koller  
Reg. Surveyor No. 250

- one inch iron pipes shown thus are in place.
- Concrete Monuments - 4" x 4" x 3' set forced, in place.



30 DEC 15 1961  
HOWARD COUNTY  
RECEIVED