

mon  
4/16/01  
10:00

# APPLICATION

HOWARD COUNTY ENVIRONMENTAL HEALTH  
2001 FEB 16 AM 11:54

PERCOLATION TESTING

A no fee

P \_\_\_\_\_

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

*Confirmation of  
ex SDA*

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 MARGARET M. MCFARLAND

ADDRESS 8348 RESERVOIR RD FULTON, MD PHONE 301-725-4549 <sup>20759-9625</sup>

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

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

PROPERTY LOCATION:

SUBDIVISION BEAUFORT PARK, MCFARLAND ESTATES LOT NO. # 2

ROAD AND DESCRIPTION RESERVOIR RD

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

SIZE OF LOT 3 AC. 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. Margaret McFarland  
(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

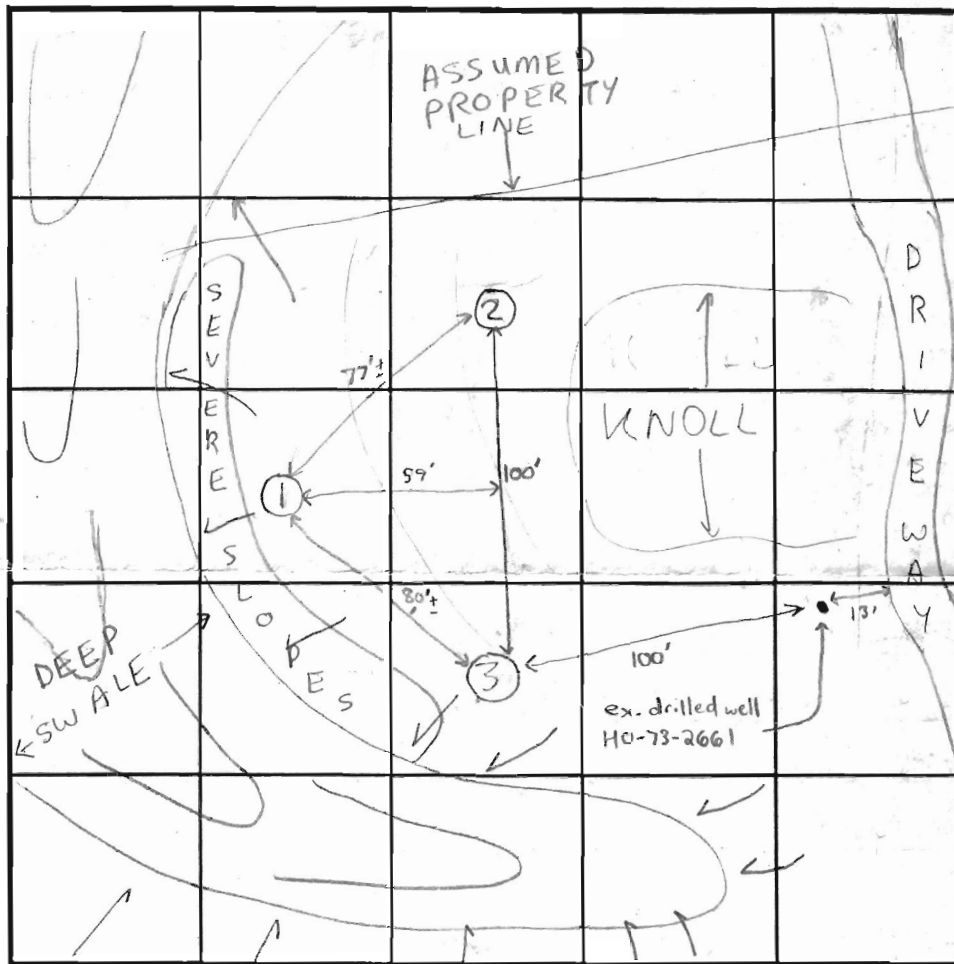
COUNTY #

SOIL PROFILE

0' brown topsoil  
 4" orange-brown sandy clay loam  
 2-2 1/2" tan-olive micaceous sandy loam  
 35-45% Saprolitic mica schist frags and rocks  
 HARD DIGGING  
 10'  
 2

4" Brown Topsoil  
 bright-orange clay-clay loam  
 3-5' tan-brown sandy loam  
 10-20% mica schist frags

3  
 4" brown topsoil  
 orange-brown clay  
 2' light tan-yellow sandy loam  
 10-20% mica schist frags  
 14'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 RESERVOIR RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/16/01	1	4'5" 10'V	12:36 pm	12:48 pm	12:48 pm	12:52		
		(HOLE 1 IS VERY CLOSE TO SLOPES > than 25% IT MARKS CLOSE TO THE BOTTOM EDGE OF USABLE SEPTIC AREA)						
	2	14'V	(SEE SOIL PROFILE)				OK	
	3	14'V	(SEE SOIL PROFILE)				OK	

REMARKS: Nothing staked, Nothing cleared, Lot has > 25% slopes!  
 TYPE OF SOIL: Lot already approved, re-evaluation to find "best potential" area, House site & size limited  
 TESTED BY: SRK Jim Knisley = Backhoe ALSO PRESENT Ms. McFarland  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2-8 min TRENCH WIDTH 3  
 INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180 ft<sup>2</sup>

1/22/01

Confirmation test hole requested - but not required. *AU*

L.C. GAYER, JR  
691/362

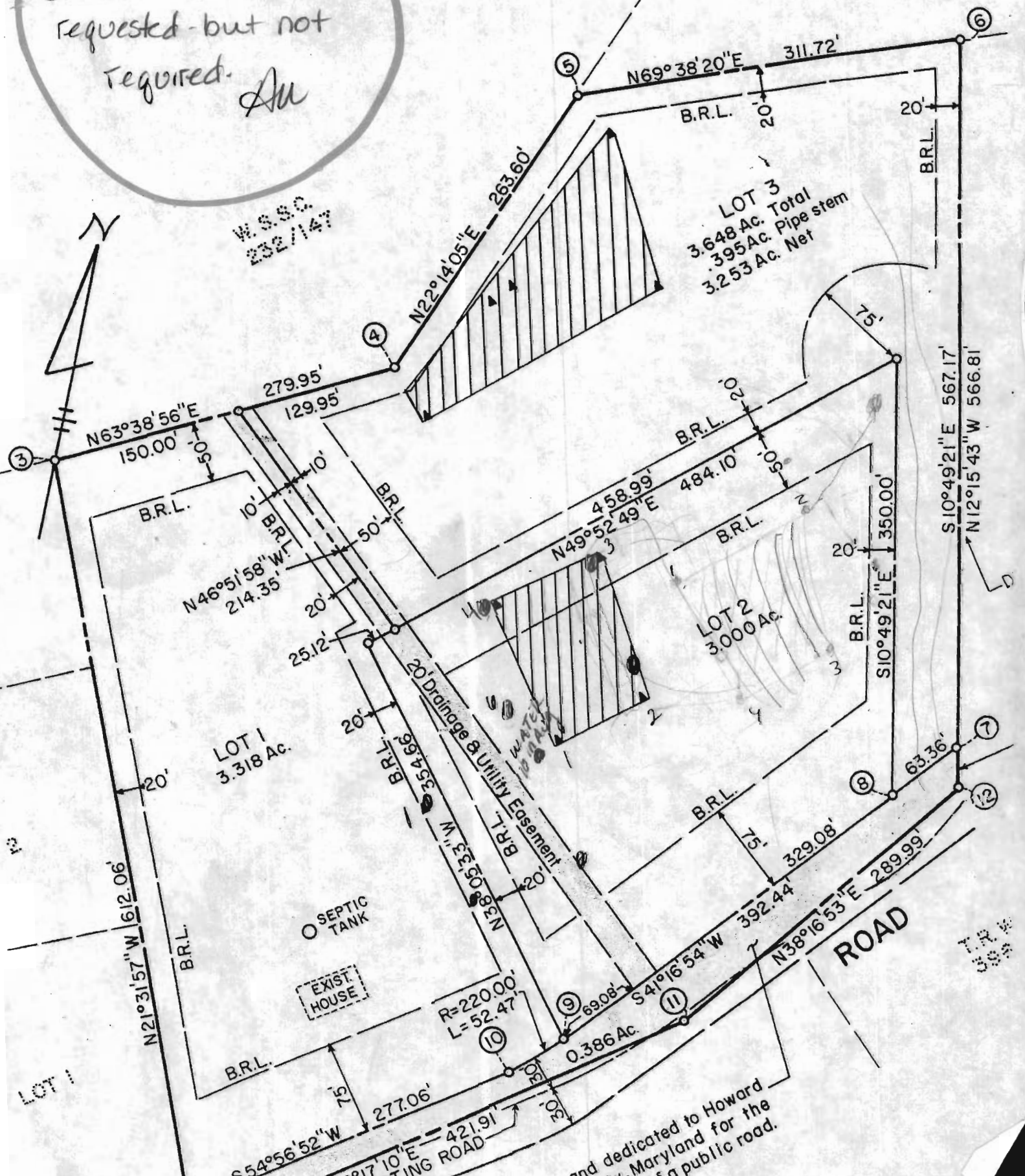
W.S.S.C.  
232/147

LOT 3  
3.648 Ac. Total  
.395 Ac. Pipe stem  
3.253 Ac. Net

LOT 1  
3.318 Ac.

LOT 2  
3.000 Ac.

0.386 Ac.



Land dedicated to Howard  
County, Maryland for the  
use of a public road.

112  
599



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HOWARD COUNTY HEALTH DEPARTMENT

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

February 26, 2001

Ms. Margaret McFarland  
8548 Reservoir Road  
Fulton, Maryland 20759

RE: **Percolation Test Application**  
Proposal: Confirmation of existing septic reserve area  
Property ID: McFarland Property, Lot #2  
Reservoir Road

Dear Ms. McFarland:

This office has recently received the above referenced percolation test application for confirmation of the existing septic reserve area, as recommended by this office.

Based upon previous testing conducted July, 1977, it shall be necessary to conduct this confirmation testing during the spring wet season, 2001, which is the time of highest yearly groundwater levels.

Once the start of the wet season is determined, then you shall receive notification of your assigned percolation test date by mail.

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

Sincerely,

Donna K. Clark, R.S.  
Water and sewerage program

DKC

Cc: file



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HOWARD COUNTY HEALTH DEPARTMENT

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

March 28, 2001

Ms. Margaret McFarland  
8548 reservoir Road  
Fulton, Maryland 20759-9625

RE: **Percolation Test Date**

Application: A26266  
Proposal: Confirmation of existing septic reserve area  
Property ID: McFarland Property, Lot #2  
Reservoir Road

Dear Ms. McFarland:

"Wet season" percolation testing has been tentatively scheduled for the above referenced property for **Monday, April 16, 2001 at 10:00 a.m.**

**Please be advised that while percolation test dates have been assigned for spring wet season, 2001, due to severely depressed groundwater levels, you may wish to postpone percolation testing until a bonafide spring wet season – see attached for further explanation. Upon receipt of this letter, please contact this office at (410) 313-2640 to accept or decline the assigned percolation test date(s).**

You shall be responsible for having a contractor on site to excavate the percolation test holes (**to a minimum depth of 14 feet**) as proposed and as required by the Health Department representative at the time of testing.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two to three weeks after the completion of the percolation testing. Thank you in advance for your cooperation in this matter.

Sincerely,

Donna K. Clark, R.S.  
Water and Sewerage Program  
DKC  
cc: file



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HOWARD COUNTY HEALTH DEPARTMENT

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

June 18, 2001

Raj Sharma  
8658 Reservoir Road  
Fulton, MD 20759

RE: Percolation test results: A 26266

Purpose: Existing Lot of Record (Confirmation of existing septic reserve area)  
Property ID: McFarland Property, Lot - 2  
Reservoir Road

Dear Mr. Sharma:

This is in response to your questions regarding the status of the above referenced lot.

Effective October 17, 1971, the above referenced property had an approved Percolation Certification Plan. The purpose of this plan is to indicate an area of 10,000 square feet on the lot which is suitable to dispose of sewage in a sanitary manner and that meets all applicable standards set forth in the Code of Maryland Regulations (COMAR sections 26.04.02 and 26.04.03).

From preliminary file review and actual field observations, it appears that most if not all of the approved sewage disposal area is in a very questionable location and does not meet COMAR standards. The approved area appears to be on or very near slopes exceeding 25% and in a deep drainage ravine in which soils are more than likely to be saturated most of the year. Therefore, please be advised that the originally approved sewage disposal area is not suitable for the installation of a conventional trench septic system. It is acknowledged that the Health Department can not rescind the buildable status of this lot; however, we can require the installation of an innovative or alternative septic system in the existing approved area. This will involve considerable evaluation and cost and may not be possible given the slope and certain limitations of backhoe machines.

The evaluation conducted on April 16, 2001 on the above referenced property indicated that there is an area on the lot of suitable soils which can be approved for a conventional trench septic system. It is necessary however to submit a revised percolation certification plan which must be approved before a building permit utilizing a conventional trench septic system can be obtained.

Respectfully,

*Steven R. Krieg*

Steven R. Krieg

Registered Environmental Sanitarian

cc: Margaret McFarland

*FileV*