

# APPLICATION

PERCOLATION TESTING

A 515042

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

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 \_\_\_\_\_

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

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

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

PROPERTY LOCATION:

SUBDIVISION Benedict Farm 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 \_\_\_\_\_

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 \_\_\_\_\_

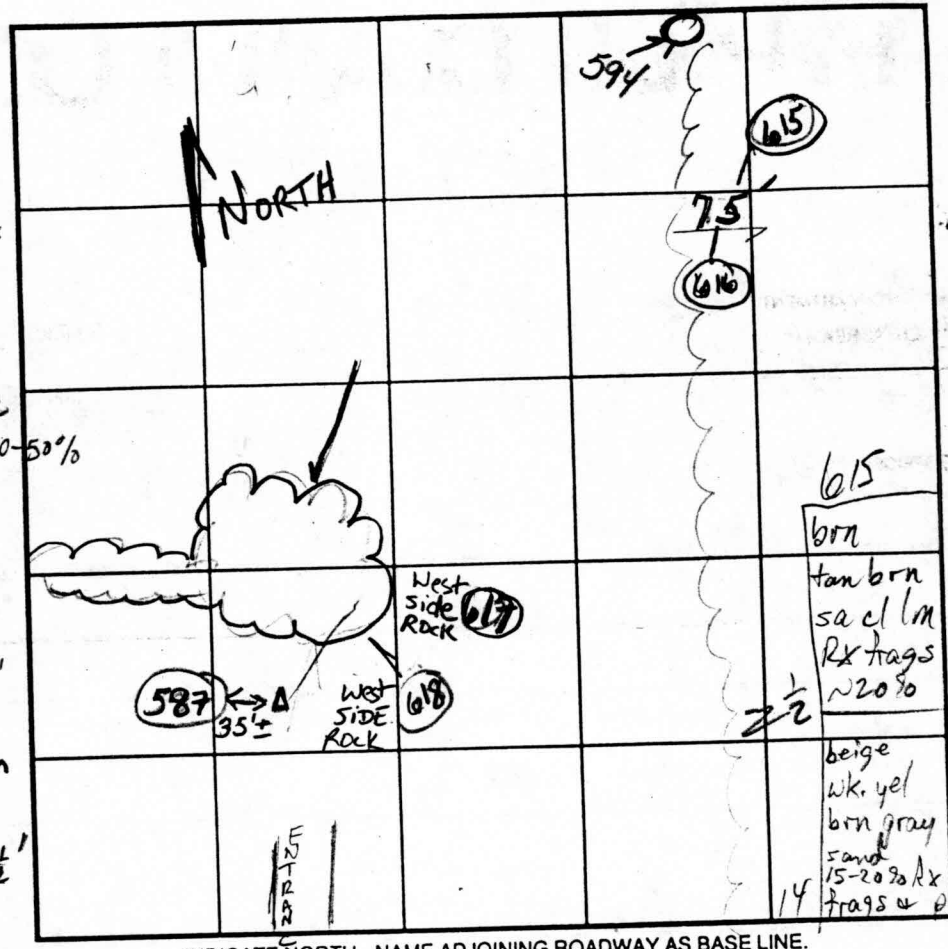
# THIS IS NOT A PERMIT

515042  
COUNTY #

SOIL PROFILE  
0' (616)  
Strong  
brn  
hvy lm 25% Rx  
2'  
Sandy  
Lm  
↓ Excessive  
hard  
to sample  
SAND & Rx - 30-50%  
brn/yel  
dk brn  
white  
beige  
↓  
HARD  
Bottom 11'

(617)  
DENSE org brn  
RD hvy  
SCLM  
5 1/2'  
dk brn  
beige  
lt brn  
strong brn  
white  
org brn  
SAND  
(med grains)  
pebbles  
& Rock  
20-30%  
Bottom 15 1/2'

(618)  
wk rd  
org brn  
sclm  
Rx 510%  
5 1/2' =  
6'  
East  
org brn  
sclm  
25% Rx  
West  
side  
excessive  
rock  
45-50%  
HARD  
Bottom 11 1/2'



SOIL PROFILE  
0' (587)  
Rd, brn  
hvy  
sclm  
3'  
DK brn  
sclm  
4'  
org brn  
wk ag brn  
Lm  
35-40%  
Rx  
8 1/2'  
org brn  
brn s.lm  
20% Rx  
Bottom 13 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
1/16/02	(616)	FAIL	Excessive Rx	SEE SOIL	Profile		F
	(617)	5' 5 1/2'	12:01:50	12:03:05	12:03:05	12:06:03	3 min
	(618)	13 9"	DEEP SHELF REQ'D FOR FURTHER REVIEW				F
	(587)	6 1/2'	12:24	12:31	12:31	12:41	10 min
	(615)	4 1/2' / 14'	11:36:30	11:37:46	11:37:46	11:39:55	2+
THE TWO LOTS W/HOLES			→ 617-618				
MAY HAVE BETTER SUCCESS IF WELLS + SPAS			ARE REVERSED				

West worse than East WALL

West side excessive rock 45-50%

REMARKS Holes per plan  
TYPE OF SOIL  
TESTED BY RIFKIN / GoedeKung ALSO PRESENT Mike Johnson  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4-13-01

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 Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

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

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

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 310 acres +/- 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.

Natalie Ziegler  
(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 \_\_\_\_\_

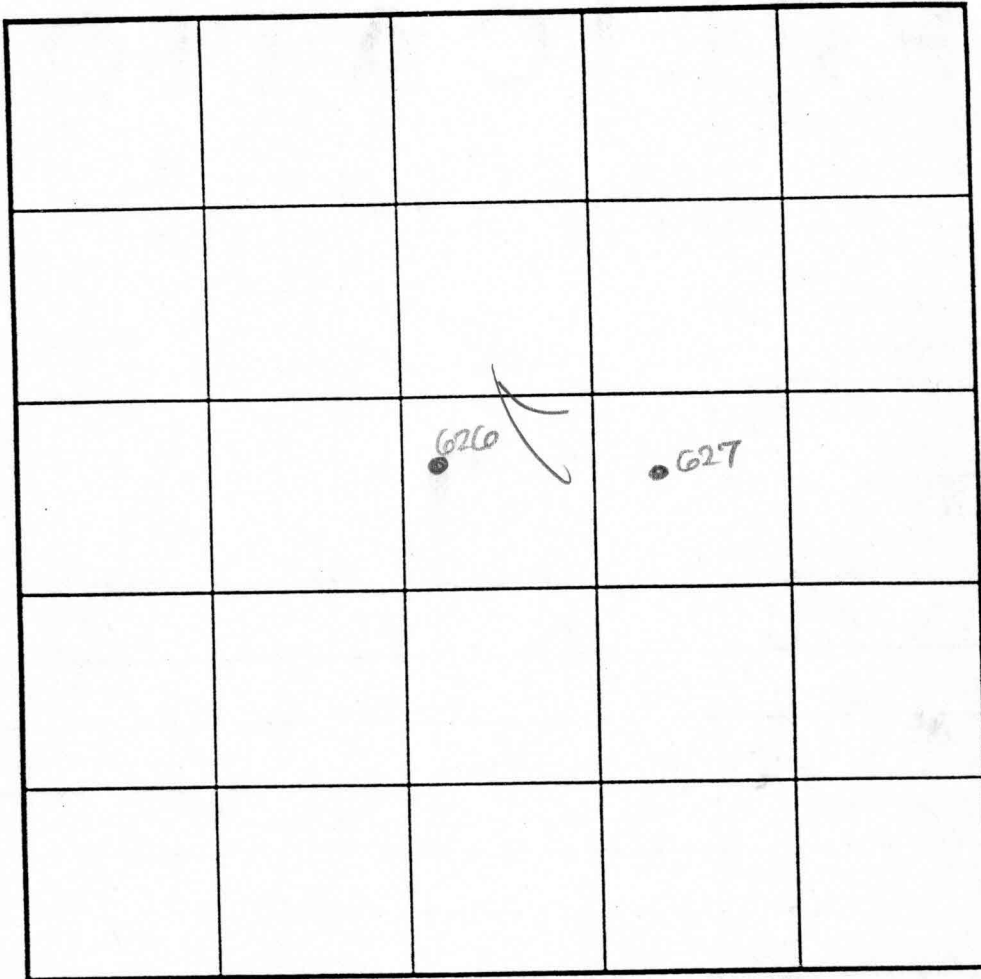
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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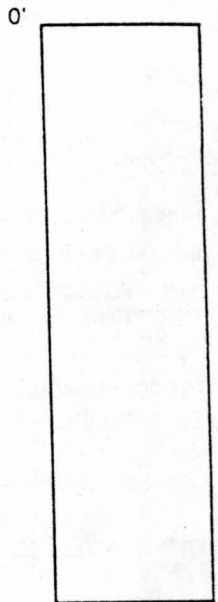
COUNTY #

SOIL PROFILE

0' 626  
 1' topsoil  
 red brn cl lm  
 5' org brn sa mica lm  
 14' 25% rock



SOIL PROFILE



0' 627  
 1' topsoil  
 red org brn cl lm  
 3.5' med org brn sa mica lm  
 30% rock  
 12' Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-31-01	626	6.0'S	10:18 <sub>3</sub>	10:20 <sub>3</sub>	10:20 <sub>3</sub>	10:23	3
		14.0'D	Visual	- See	profile		OK
	627	5.5'S	10:22	10:23 <sub>2</sub>	10:23 <sub>3</sub>	10:25	2
		12.0'D	Refusal	- see	profile		OK

REMARKS \_\_\_\_\_ DUE TO DROUGHT CONDITIONS, APPROVABLE HOLES MUST HAVE 8

TYPE OF SOIL \_\_\_\_\_ FEET FROM OBSERVED

TESTED BY DCC GROUNDWATER TO BOTTOM OF

TRENCH DESIGN DA \_\_\_\_\_ PROPOSED SEPTIC SYSTEM

ALSO PRESENT M. Johnson & crew

TRENCH WIDTH \_\_\_\_\_

INI FT DEPTH \_\_\_\_\_

MAXIMUM BOTTOM DEPTH \_\_\_\_\_

SO FT/BEDROOM \_\_\_\_\_

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PROPERTY OWNER \_\_\_\_\_

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

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

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

PROPERTY LOCATION:

SUBDIVISION Benedict Farms LOT NO. \_\_\_\_\_

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

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

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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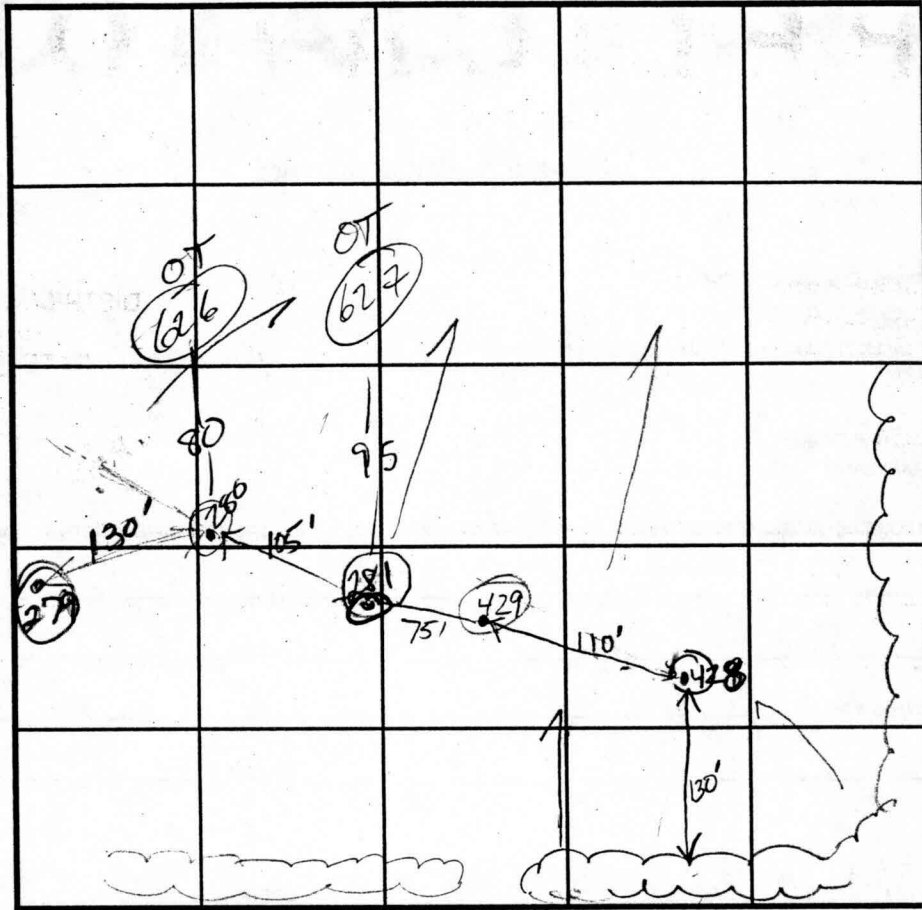
SOIL PROFILE  
428

0' Topsoil  
 4-6" Micaceous SA CL LM  
 Rd brn 25%  
 Dk brn Frag  
 2' org brn tan beige micaceous SAND LM  
 5 1/2" 25-35% Frag 13 1/2" Bottom

6 1/2" Topsoil  
 Rd brn brn CL LM  
 3-5% rock Frag

5 1/2" tan beige lt brn  
 SALM  
 5-10% Frag  
 14 1/2" Bottom

4" Topsoil  
 rd brn dk brn CL LM  
 6' Ig rock vein  
 7' Rock Frag 25-33%  
 LDAM rd brn lt tan Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

← Route 108 →

SOIL PROFILE  
280

0' Topsoil  
 4 1/4" Red, Heavy  
 4' clay rock frag 5-10%  
 4 1/4" brn dk beige org dk brn Micaceous Si LM  
 rock Frag 5-10%  
 12-14" 279  
 4" Topsoil  
 rd brn tan CL LM micaceous  
 5-6' white lt brn Si LM  
 13 1/2" Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	OK	
			START	STOP	START	STOP			
8-29-01	P 428	5'2" S	10:52 <sup>30</sup>	10:53 <sup>15</sup>	10:53 <sup>15</sup>	10:54 <sup>30</sup>	1 1/2 min	OK	
		13'5" D	—————→					PASS	
	P 429	5'4" S	11:04	11:07	11:07	11:10	3 min		
		14 1/2" D	—————→					PASS	
	* 281	7' S	11:11	less than	11:11	11:11	in 30 min	Fail	
		13 1/2" D	—————→						
	<del>280</del>	6' 1/2" D	11:17 <sup>30</sup>	11:18 <sup>00</sup>	11:18 <sup>00</sup>	11:18 <sup>50</sup>	repair		
			11:19 <sup>00</sup>	11:19 <sup>30</sup>	11:19 <sup>30</sup>	11:20 <sup>05</sup>	FAST	OK	
			11:25	11:27	11:27	11:28 <sup>30</sup>	1 1/2 min		
	P 279	10' S	11:44	11:48	11:48	11:50	2 min		
		13 1/2" D	—————→					PASS	

REMARKS

TYPE OF SOIL

TESTED BY Goedeking, Kacie

ALSO PRESENT Chuck Crovo  
Mike & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

HOLES PER PLAN

