

# APPLICATION

PERCOLATION TESTING

A 515042  
P \_\_\_\_\_

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

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

ROAD AND DESCRIPTION Benedict Farm

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

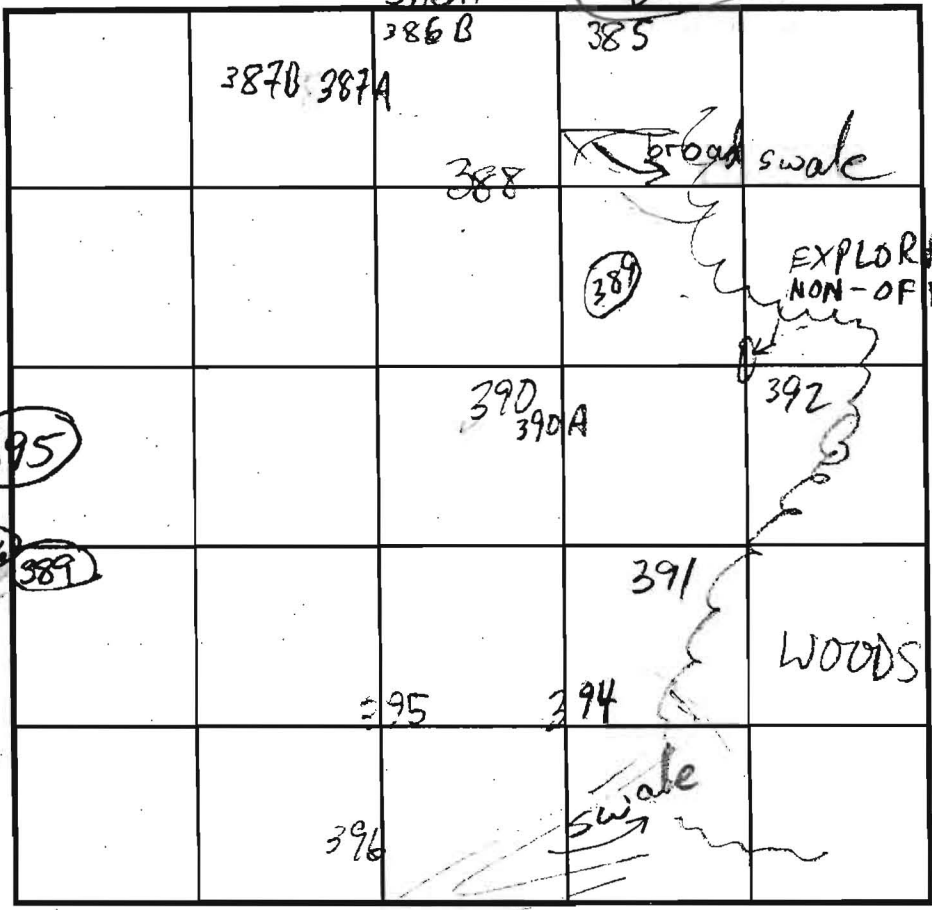
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

Lot 37

COLINEY#  
394  
SOIL PROFILE  
395 (396)

brn sac 1m  
3'  
tan brn gray yel sand  
10-25% frags  
20-30%  
13' 4"



SOIL PROFILE

EXPLORATORY  
NON-OFFICIAL

WOODS

10-20% Rx  
in 394  
388  
20-25% Rx  
in  
392  
390A

(385)  
brn sac 1m  
15% frags  
2  
tan sa  
30-35% frags  
6  
25% frags  
8-9  
10% frags  
13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/12/01	395	4' / 13 1/2"	1:13:40	1:14:15	1:14:15	1:15:20	1	
	396	3 1/2' / 12 1/2"	1:15:40	1:17:00	1:17:00	1:19:00	2	
	394	4' / 14"	1:18:40	1:19:30	1:19:20	1:20:20	1	
	391	4' 4" / 13 1/2"	1:20:35	1:22:30	1:22:30	1:24:30	2	
	391	4' 4" / 13 1/2"	1:27:00	1:28:00	1:28:00	1:29:30	1 1/2	
	392	4' / 13 1/2"	1:29:45	1:31:00	1:31:00	1:33:00	2	
	392	4' / 13 1/2"	1:32:00	1:34	1:34	1:36	2	
	392	4' / 13 1/2"	1:38:00	1:39:15	1:31:15	1:40:15	1:15 FAIL	
	392	4' / 13 1/2"	1:40:45	1:42:15	1:42:15	1:43:30	1:15	
	392	4' / 13 1/2"	1:47:15	1:49:30	1:49:30	1:51:40	2	
	390A	3' 9" / 13"	1:42:45	1:48	1:48	1:56	8	
	389	3' / 13 1/2"	1:57:45	1:59:00	1:59:00	2:00:30	1 1/2	
	390	8'	2:00:45	2:03:00	2:03	2:06	3	
	390	8'	FAIL - REFUSAL - 30-50% Rx					
	385	3' / 13"	2:10:20	2:10:50	2:10:50	2:12:00	1:10	
	388	14'	2:12:10	2:14:00	2:14:00	2:16:00	2	

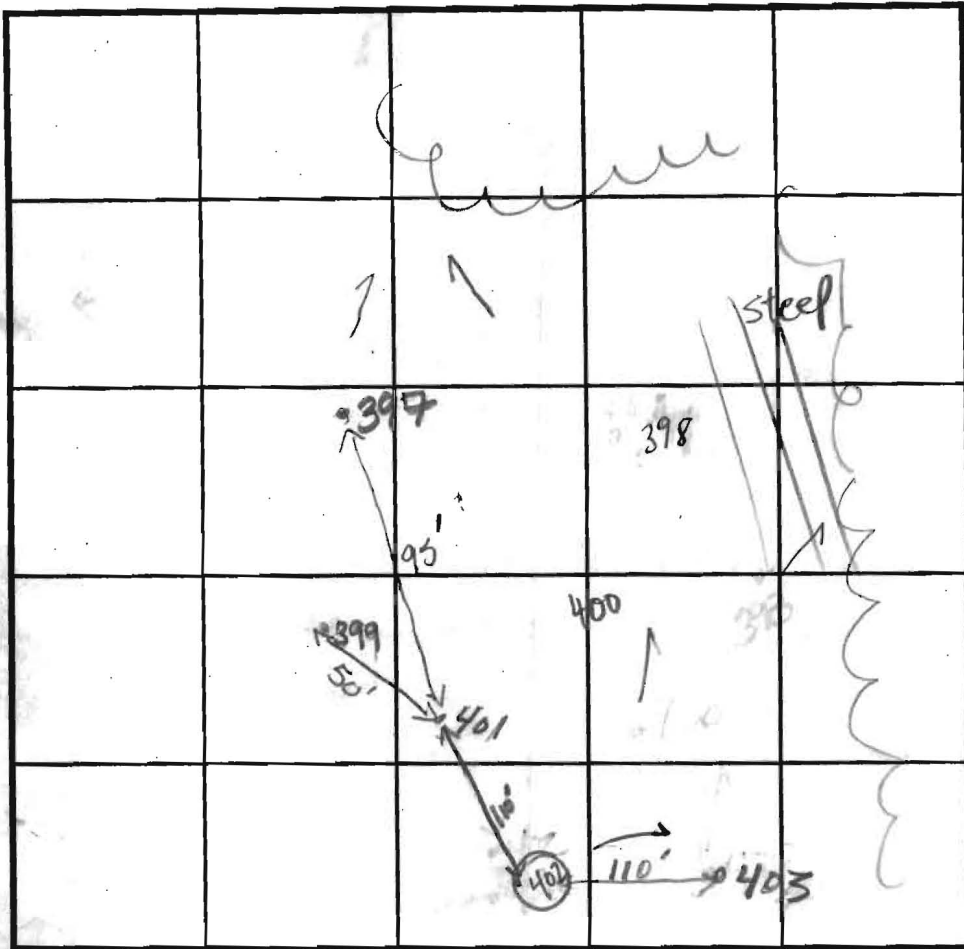
REMARKS: 388 14 VISUAL - OK  
 TYPE OF SOIL: 390A NOT PER PLAN, OTHERS PER PLAN  
 TESTED BY: H. RIFKIN / K. GoedeKing ALSO PRESENT: Chuck Crowe, Mike & Crew  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

13

COUNTY #

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0' (400)  
brn CL Lm  
15-20% rock frag  
2-3'  
brn Sa Lm  
Rock Frag  
25-35%  
Bottom

0' (398)  
Topsoil  
rd tan  
CL Lm  
3-5%  
Rock Frag  
2-3'  
org brn, tan, beige,  
grey w/ mica  
Rock Frag  
5-10%  
Bottom

13'10" (402)  
6" Topsoil  
tan brn  
CL Lm  
DK Rd CLAY  
org brn tan brn  
2' East  
5. CL Lm  
10-15% rock frag  
Bottom

14" (399)  
Topsoil  
lt brn CL Lm  
brn Sa Lm  
Rock Frag 10-15%  
Bottom 12'

4' (399)  
6" Topsoil  
DK Brn Rd.  
5-10% rock  
CL Lm  
4-4 1/2'  
tan brn dk brn  
SACL Lm  
15% Rock frag  
Saprolite  
Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/12/01	400	4'3" S	1:11 <sup>15</sup>	1:13 <sup>10</sup>	1:13 <sup>10</sup>	1:16 <sup>15</sup>	3 min
		13'10" D					PASS
	402	4'2" S	1:20	1:22 <sup>15</sup>	1:22 <sup>15</sup>	1:25 <sup>00</sup>	3 min
		14" D					PASS
	399	5' S	1:34	1:42	1:42	1:53 <sup>00</sup>	11 min
		11" D					PASS
	398	5'7" S	1:44 <sup>20</sup>	1:45 <sup>30</sup>	1:45 <sup>30</sup>	1:47 <sup>50</sup>	2 min
		14" D					PASS
	397	4'8" S	1:51 <sup>10</sup>	1:53 <sup>00</sup>	1:53 <sup>00</sup>	1:56	3 min
		12" D					PASS

REMARKS: HOLES PER PLAN

TYPE OF SOIL \_\_\_\_\_

TESTED BY Goedeking ALSO PRESENT Chuck C. Miller & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

13

COUNTY #

SOIL PROFILE

404

0' Topsoil

6" dk brn org. rd SA CULM

4 1/2' org brn dk brn yellow Grey

SA LM Rock 5-10% Saprolite Bottom

11' 379 mixed weeds off hole

Topsoil

4' H beige tan br LM

8' Rock Outcrop H tan H brn SA LM

SA LM Rock Frag 15-25% Bottom

11' NORTH SOUTH

Rock Outcrop

Topsoil

Topsoil

Topsoil

Topsoil

Topsoil

Topsoil

Topsoil

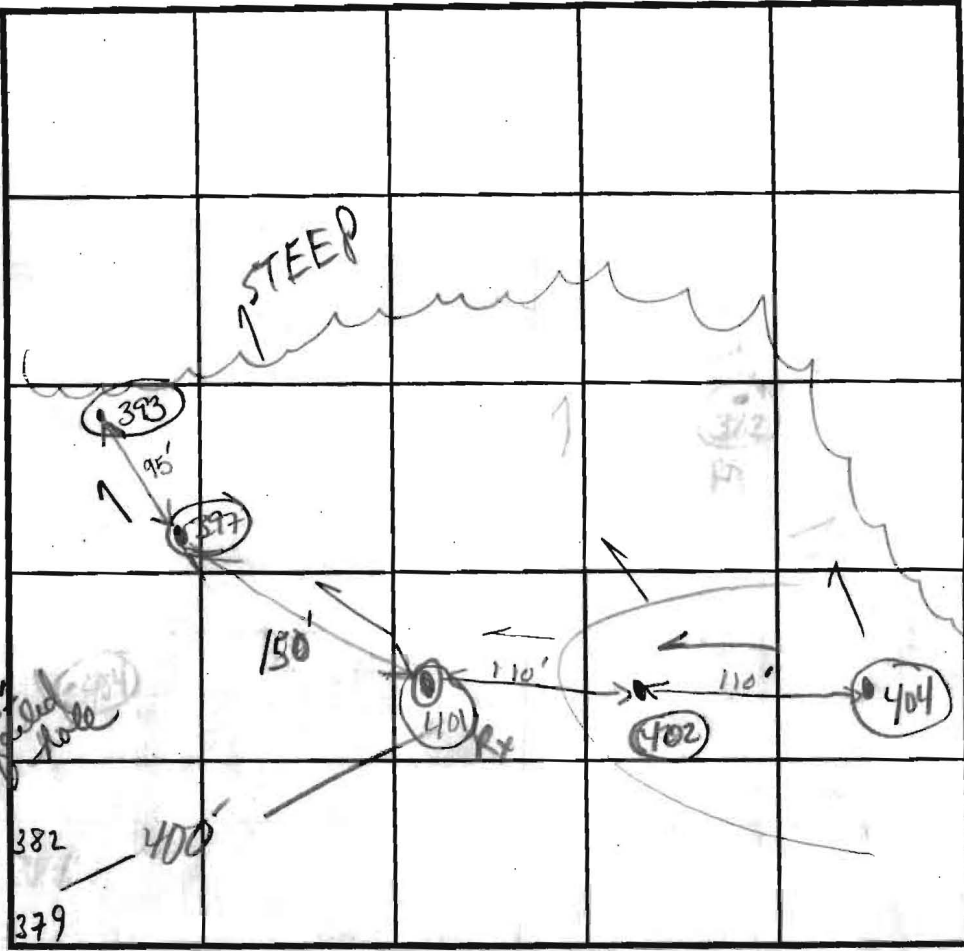
Topsoil

Topsoil

Topsoil

Topsoil

Topsoil



SOIL PROFILE

393

6" Topsoil

SW SIDE dk rd clay brn SA LM

2 1/2' H tan org S. lm

Rock Frag < 5%

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-12-01	401	Fail	Rock @ 3'	Refusal			Fail
	404	4' 5"	2:45	2:50	2:50	2:59	9 min
		11' D					PASS
	379	4' 5" / 14'	3:21	3:24	3:24	3:25	1 1/2 min
	382		EXCESSIVE	AX			Fail
	382	Refusal @ 3'					FAIL
	393	5' 5"	1:58	2:11	2:11	2:31	< 20 min
		14' D					PASS

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_ HOLES PER PLAN \_\_\_\_\_

TESTED BY Goedeking, K ALSO PRESENT Chuck

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH Mike & crew

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



