

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

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 SECURITY DEVELOPMENT, L.L.C.  
P.O. BOX 417  
ADDRESS ELLICOTT CITY, MD 21041 PHONE 410-465-4244

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION HOMWOOD LOT NO. 12

ROAD AND DESCRIPTION HOMWOOD ROAD

TAX MAP 23 & 29 PARCEL # 20 & 86

SIZE OF LOT 1 ACRE ± TYPE BLDG. SINGLE FAMILY DETACHED  
(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.

SECURITY DEVELOPMENT LLC  
By: [Signature]  
(SIGNATURE OF APPLICANT) STF. OF U.K. BIRBROFW

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

516084

COUNTY #

SOIL PROFILE

12B

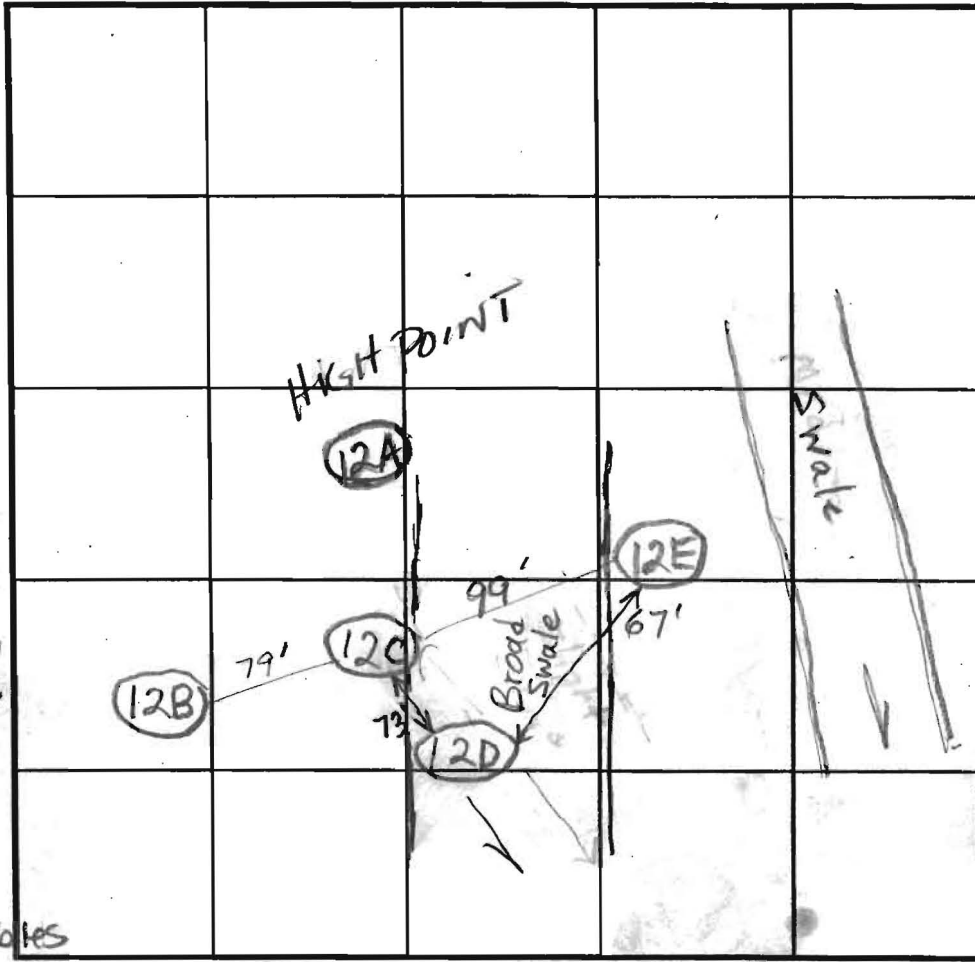
0' 12B  
 Dk brn, gray brn  
 micaceous  
 massive  
 heavy Lm  
 2'  
 org brn  
 y brn  
 micaceous  
 Lm SLm  
 trace Rr  
 5'  
 lt org brn  
 H. l. brn  
 fine  
 micaceous  
 sand  
 Rx < 5%  
 Bottom  
 1 1/2'

12C

Strong rd  
 brn  
 gravelly  
 very dense  
 SCL Lm  
 Rx 10-15% pebbles  
 7'  
 Fine  
 H tan  
 beige  
 SAND  
 Rx < 5%  
 Bottom  
 14'

12E

Red Br  
 Heavy Loam  
 With a small  
 Pocket of  
 ~40% Rock  
 5'+  
 Or Red Br  
 Loam with  
 a 2' wide  
 pocket of  
 40-50%  
 Rock to 10'  
 ~20% Rock  
 Average  
 7'  
 Beige Sa  
 Loam  
 20-25%  
 Rock  
 14.5'



SOIL PROFILE

12D

0' 12D  
 Red Br  
 Heavy Loam  
 ~5% Rock  
 8'  
 Light Br  
 Sa Loam  
 10-15%  
 Saprolite  
 12'  
 Possible  
 Mottling  
 13.5'  
 TOP SOIL  
 RD BEDROCK  
 HEAVY  
 LOAM  
 1 1/2'  
 ORPED  
 SANDY  
 LOAM  
 5% ROCK  
 5'  
 OR BEDROCK  
 SANDY LOAM  
 5% ROCK  
 15'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-18-02	12B	5'S	2:49	2:51:30	2:51:30	2:54	2+ OK
		6'M	2:49	2:51	2:51	2:53	2min
	12C	6 1/2'S	2:59	~7/8" in 30 minutes			Slow (F)
	12E	7.5'/14.5'	3:09	3:12	3:12	3:21	9 OK
		5.5'	3:16	3:21:30	3:21:30	3:30	8 1/2
A-19-02	12A	7'/13.5'	3:40	~3/8" in 20 minutes			Slow (F)
		4 1/2' 15V	12:34	12:43	12:43	1:00	17min
		5 1/2' 15V	12:34	12:36	12:36	12:38	2min OK

REMARKS: Holes tested per plan 12E-12D on plan is 80'  
 12B-12C on plan is 90'

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

TESTED BY: Brian & Kacie ALSO PRESENT: HATFIELDS

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

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

516084

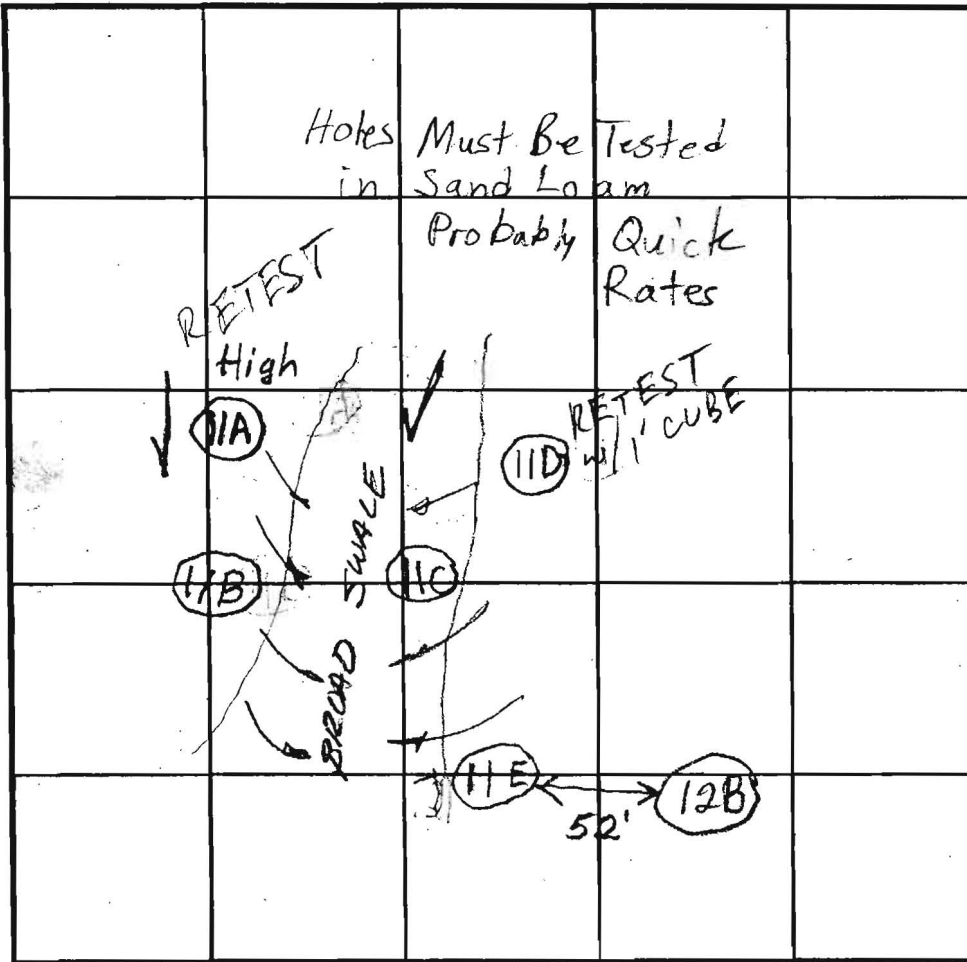
COUNTY #

SOIL PROFILE

0' (1E)  
 DK BROWN TOPSOIL  
 6" Heavy Red BROWN LOAM  
 6" VERY GRANULAR RED BROWN LOAM w/ SOME CLAY  
 6" ORANGE BROWN SANDY LOAM  
 5" 20% ROCK

(1C)  
 1' DK BROWN TOPSOIL  
 12" RED BROWN HEAVY LOAM  
 12" ORANGE BROWN LOAM TRANSITION  
 4" TAN COLORED SANDY LOAM  
 ~10% Rock

(1D)  
 1' DK BROWN TOPSOIL  
 3" RED BROWN HEAVY LOAM  
 1" ORG BROWN LOAM TRANSITION  
 1" TAN COLORED SANDY LOAM  
 5-10% ROCK



SOIL PROFILE

0' (1F)  
 1' DK BROWN TOPSOIL  
 6" RED BROWN HEAVY OR LOAM  
 5 1/2" 6 1/2" RED ORG BROWN TRANSITION  
 7" TAN COLORED SANDY LOAM  
 15" 90% 5-10% ROCK  
 (1B)  
 1' DK BROWN TOPSOIL  
 5' 20% ORG BROWN LOAM TRANSITION  
 6 1/2" LT BROWN SANDY LOAM  
 15" 5-10% 90% ROCK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/19/02	11E	5' / 15' V	10:14	10:17	10:17	10:20	3min OK
		6' / 15' V	10:13:30	10:16	10:16	10:18	2.0 min
4/19/02	11C	5' / 14' V	10:41	7/8" in	30min (11:11)		SLOW OK
		6' / 14' V	10:41	10:49	10:49	11:07	18min
4/19/02	11D	46" / 146" V	10:55	10:59	10:59	11:05	6.0 min OK
		6' / 146" V	10:54	10:54:15	10:54:15	10:55	2.10 min
	Repair	6' V	10:57:40	10:58:25	10:58:25	10:58:15	50.500
4/19/02	11A	5' / 15' V	11:24	SLOW CANCELLED AT 11:26			Retest at 7'
		6' / 15' V	11:40	11:40 CANCELLED			SLOW
4/19/02	11B	5' / 15' V	11:31	11:43	11:43	7/8" 30min	OK
		6 1/2' / 15' V	11:31	11:38	11:38	11:52	14min

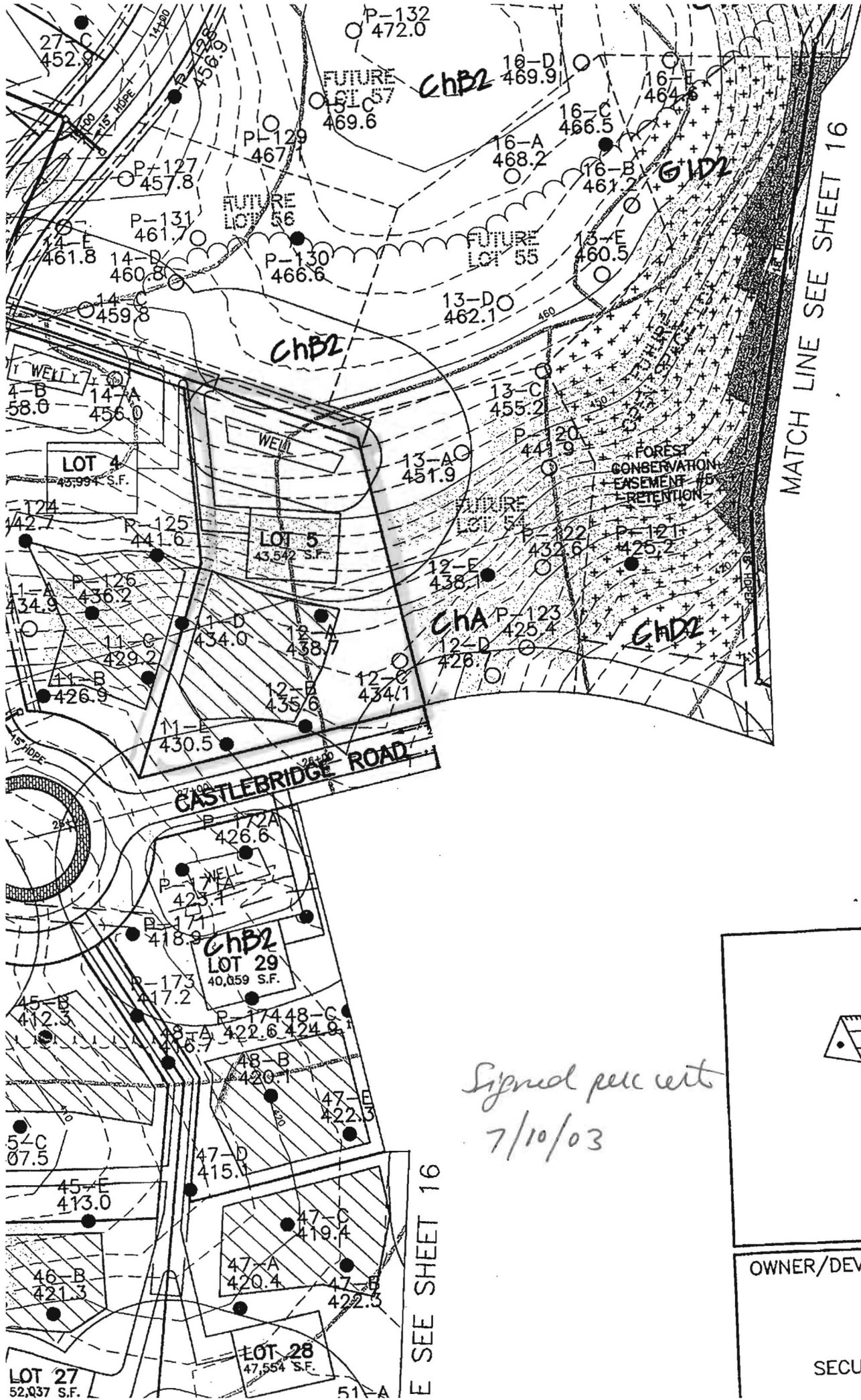
REMARKS

TYPE OF SOIL Holes tested per plan 11A Needs To Be Retested at

TESTED BY BB/FA ALSO PRESENT Hatfields 7'

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

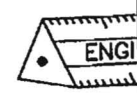
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



MATCH LINE SEE SHEET 16

*Signal per cert  
7/10/03*

SEE SHEET 16



ENGI  
EN

OWNER/DEVELOP

SECURITY

LOT 27  
52,037 S.F.

LOT 28  
47,554 S.F.

51-A



Remember  
is your

