

APPLICATION

PERCOLATION TESTING

A 516084

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 SECURITY DEVELOPMENT, L.L.C.

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

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HOMEWOOD LOT NO. 25

ROAD AND DESCRIPTION HOMEWOOD 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] MEMBER
(SIGNATURE OF APPLICANT) STEVEN K. BIRBAUM

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

5/6084

COUNTY #

SOIL PROFILE

25C

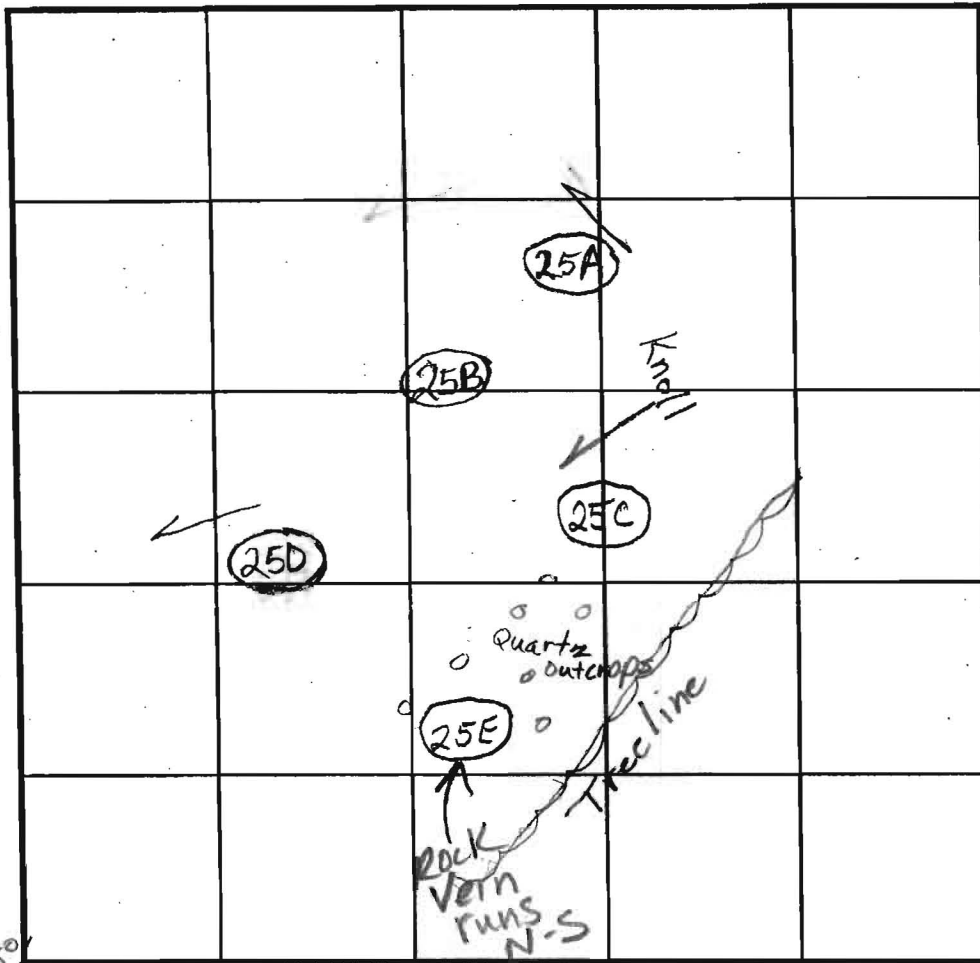
0' Red Br
Cl Loam
2.5'
Or Br
Sa Cl Loam
~5% Rock
6.5'
Or Br
Loamy
sand
~5%
Rock
15'

25E

Red Br
Sa Cl
Loam
Large
Pieces of
Quartz
20-25%
4 1/2'
Or Br
Sa Loam
~20%
Rock
6'
Light Br
Sa Loam
15-20%
Frags
75-80%
Quartz
13.5'

25B

Or Red Br
Gravelly
Sa Cl Loam
3'
Or Br Sa
Loam
5-10% Rock
7.5'
Tan Loamy
Sand
15'
5-10%
Rock



SOIL PROFILE

25D

0' W/C rd/bm
SCL Lm
4' Strong
org brn
Si Lm
Micaceous
Rx < 5%
12' White
lateral
min on
saprolite
faces
Strong rd/bm
Rx = 100%
14 1/2' Bottom

25A

Strong brn
org brn
hvy loam
Rx < 5%
3 1/2' Trace beige lt br
powdery
sand
15' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/7/02	25C	3' 10" / 15' V	10:34	10:53	10:53	11:23	30 min OK
	Repair	6' 10"	10:36	10:37	10:37	10:38:40	~2 1/2
	25E	4' / 13.5' V	10:49	pulled @	11:10	Moved 4"	Slow F
	9'	5' 4"	10:46:31	10:48:40	10:48:40	10:52	3+ min F
	25D	3.5' / 15' V	11:03:30	11:05:54	11:05:54	11:13	~8 min OK
		5' 10"	11:03:55	11:04:25	11:05:15	11:05:15	50 sec OK
	Repair	5' 10"	11:07:46	11:08:46	11:08:46	11:09:56	1 min
	25D	3 1/2" / 14 1/2' V	11:20	11:26	11:26	11:39	13 min OK
		6'	11:20:10	11:23:00	11:25:30	11:25:30	2 1/2
	25A	6' / 4'	11:34:19	11:36:24	11:35:24	11:36:33	1 1/3
			11:34:39	11:37:00	11:37:00	11:41:44	5 min OK
			11:39:25	11:41:06	11:41:06	11:42:52	1 3/4

REMARKS

repair 6"

TYPE OF SOIL

Holes per plan

TESTED BY

K6/BB

ALSO PRESENT

Hatfield's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Homewood LOT NO. 15/16

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.

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5110D84
COUNTY #

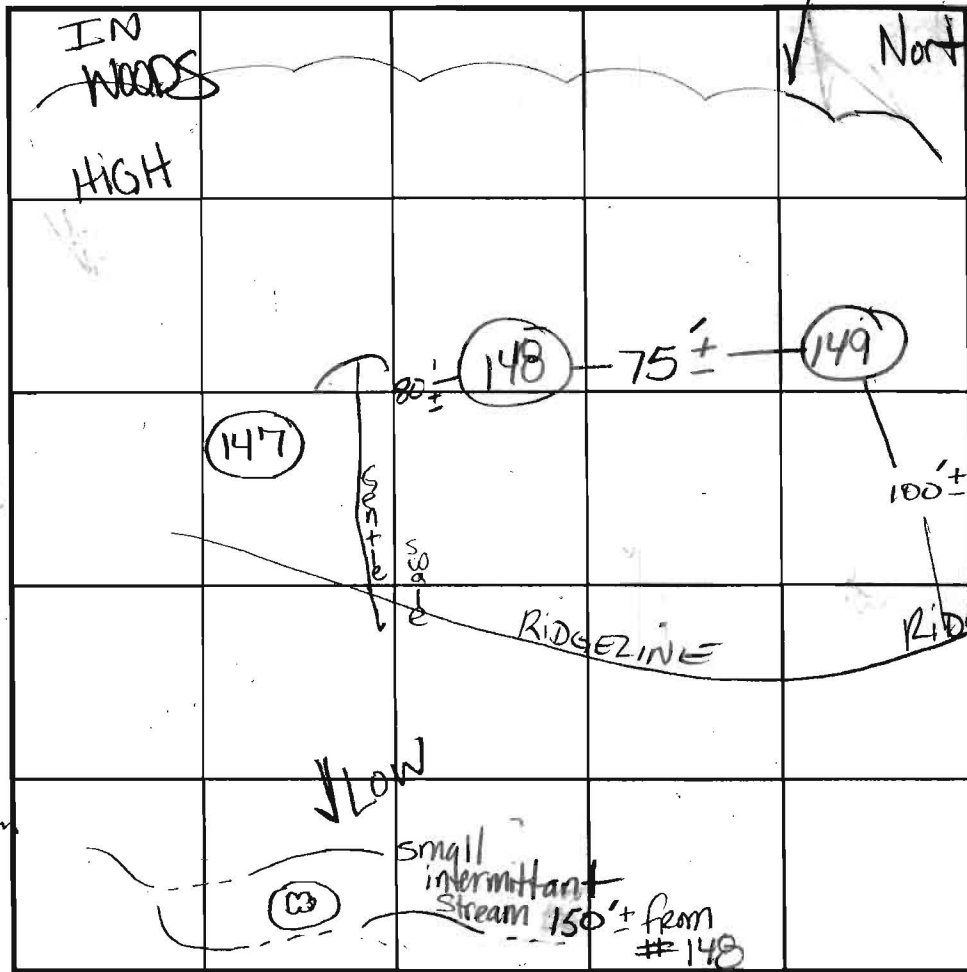
SOIL PROFILE

Strong org
very lean
(Not dense)
packet 14'
fine sand
lt brn
lt brn
Trace Rx
moist soil here?
Bottom 14'

Strong y brn
w/lt org brn
ribbons 1"
ribbons
1/2" loam
5'

lt brn
sand
fine grained
v, v. fr. saprotte
sandstone
rock ledge
@ 10' or
west wall
Bottom 14'

Strong brn
very
sandy
loam
fine
sand
lt y brn
brn
Trace Rx
Bottom 13 1/2'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-6-02	149	5 1/2' M / 14' V	9:25	9:27:30	9:27:30	9:33	5+ min
		3 1/2' S	9:33	9:36	9:36	9:41	4+ min
		Soil @ bottom - very faint mottles 1/2 of brn, 1/2 lt brn. Balls up & keeps shape - bounces multiple times					
	148	4 1/2' S / 10' V	9:46	9:52	9:52	10:12	10 min
		tx zone					
		5 1/2' M	10:02 ³⁰	10:03 ³⁰	10:03 ³⁰	10:05 ²⁰	~2 min
	147	3' 10" / 13 1/2' V	10:14	10:16	10:16	10:19	3 min
		Check Slopes - Field-Run					

REMARKS: Rained last night Holes dug on stake staked per plan
 TYPE OF SOIL: Holes reassessed after Field-run top
 TESTED BY: KN ALSO PRESENT: Natfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

Very Very little Rx in excavated soil Refused 10' West
 East
 Ewell 10' Rx Bottom

