

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

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. _____

ROAD AND DESCRIPTION Homewood Road

TAX MAP 23+29 PARCEL # 20+86

SIZE OF LOT 1 Acre ± TYPE BLDG. SFD
(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 _____

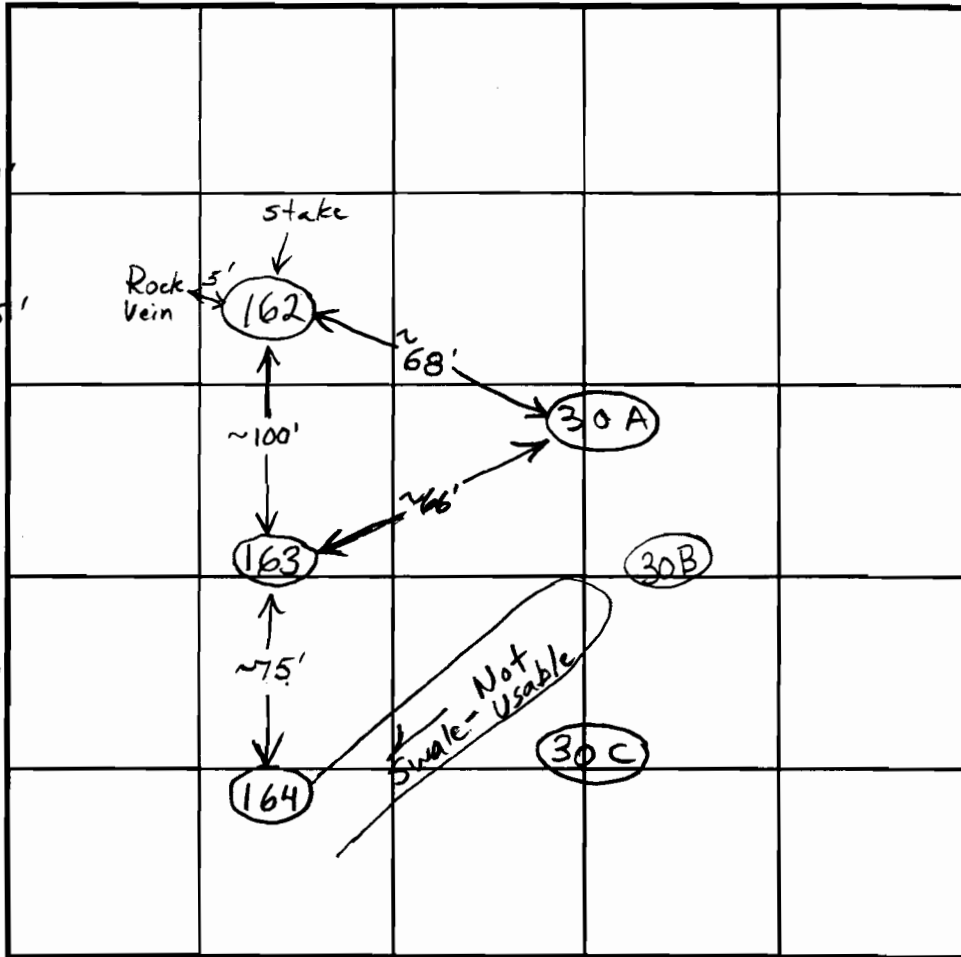
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' **(162)**
 Red Br Loam 3'-4'
 Or Br Loam and Sa Loams 4.5-5'
 Br Sa Loam Hard bottom at 6.5' as shown otherwise ~20% Rock 14.5'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

300
 200
 100
 50
 0
 50
 100
 150
 200
 250
 300
 350
 400
 450
 500
 550
 600
 650
 700
 750
 800
 850
 900
 950
 1000

(163)
 Heavy Brown Clay Loam 3'
 Brown Crumbly Clay Loam 10-20% Quartz 5'
 Lt Brown Loam 6'
 Lt Brown Loamy sand 5-10% Rock WATER @ 13 1/2" 14'

(164)
 Red Br Loam with Gray Mottling 3.5-5'
 Med Br Gray Mottled Sa Loam Less Than 10% Rock 9'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/25/03	162	6' / 14.5' V	3:30:30	3:31:30	3:31:30	3:37	5 1/2 (F)
	163	5' / 13.5' V	3:07:30	3:13	3:13	3:24	11min O.K.
		6.5'	3:07	3:08:30	3:08:30	3:12:30	4min
	164	9' V					(F)

REMARKS Move 20' From Rock Vein Near Stake **(162)**

TYPE OF SOIL _____
 TESTED BY B. Baker / E. Alfonso ALSO PRESENT _____
 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 Heritage Land Development

ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Riverwood LOT NO. 12

ROAD AND DESCRIPTION _____

TAX MAP NO. _____ PARCEL # _____

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

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

THIS IS NOT A PERMIT

COUNTY #

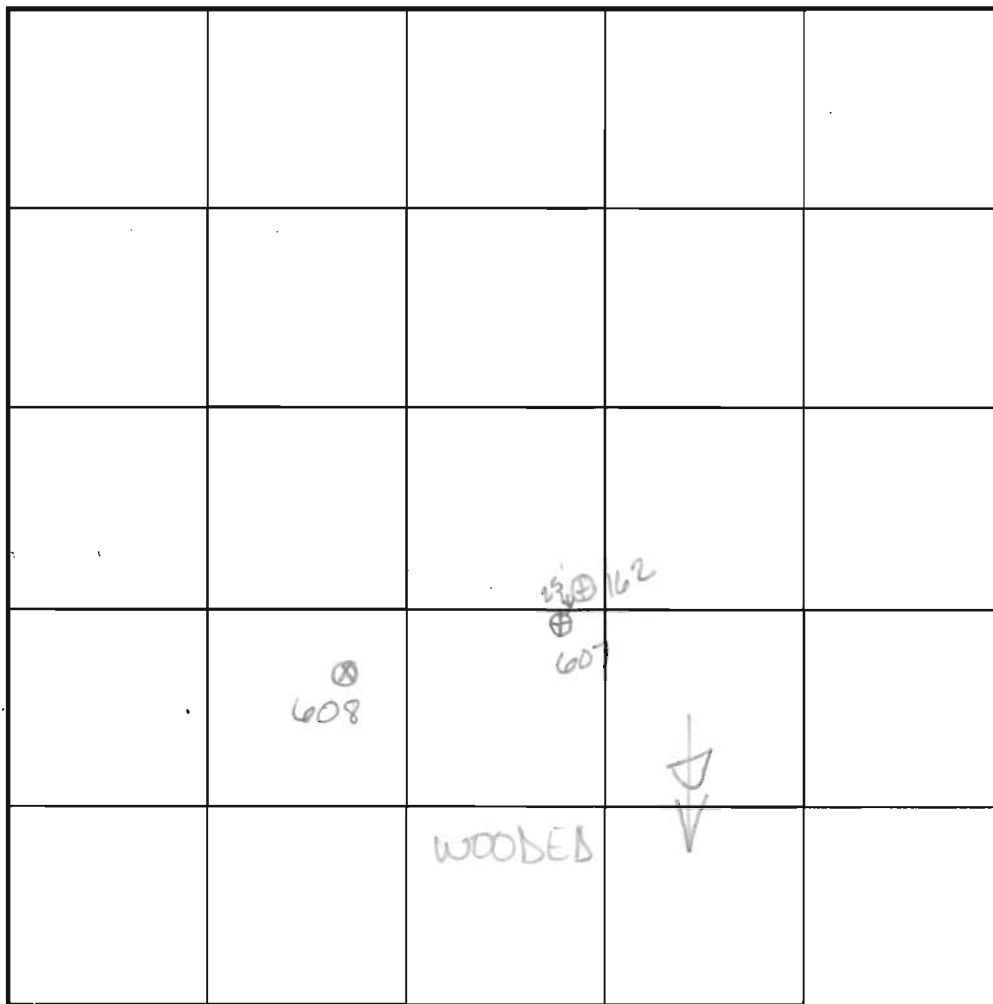
SOIL PROFILE

0' 608
 or bn
 C1M
 4'
 bn
 Salm
 no
 rock
 15'
 Dry
607

like
 608
 12 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	
5-28-03	608	4 1/2	6:46	6:49	6:49	6:54	4min
	607	4 1/2	6:48	6:50	6:50	6:53	3min

REMARKS Test hole opened @ approx 3:00pm
 TYPE OF SOIL _____
 TESTED BY Amy Hunt ALSO PRESENT John Caskey
 TRENCH DESIGN DATA: AVG. PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

516084
COUNTY #

SOIL PROFILE
30E & 30-C

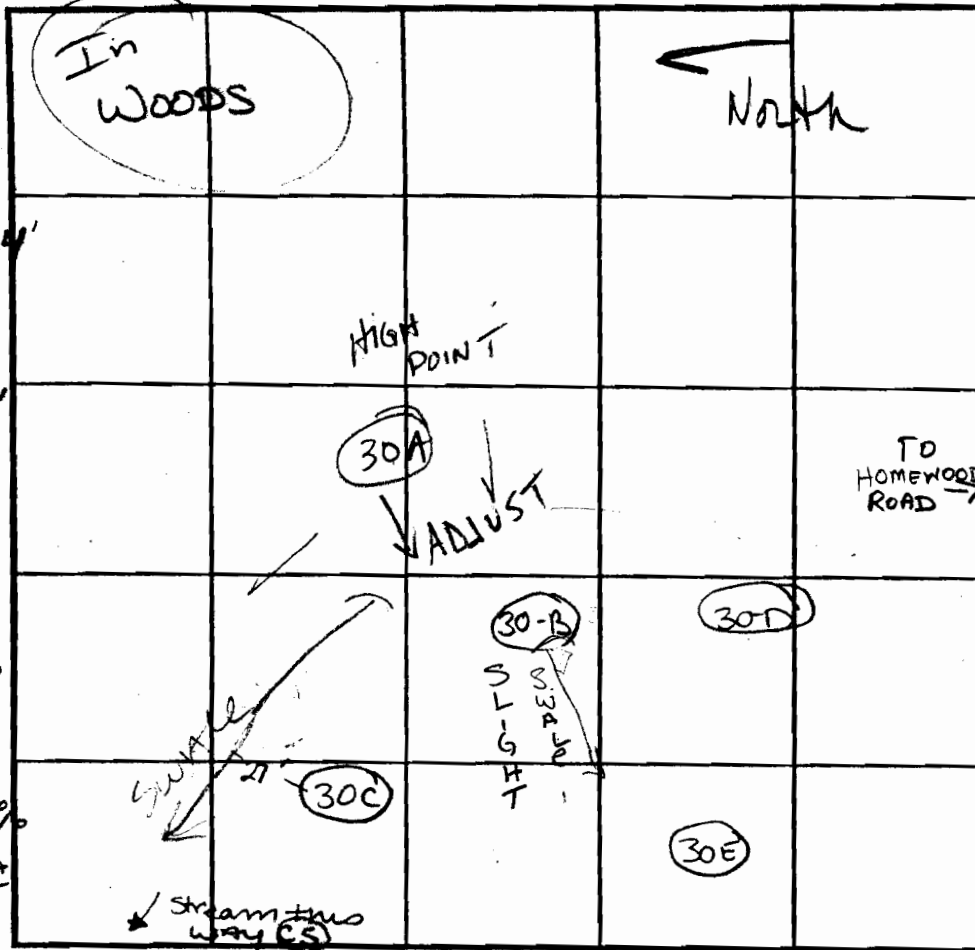
Strong org brn
gravelly
SCL Lm
micaceous
3 1/2' 4'
micaceous
gravelly
Lm
Rx ~ 10%⁺
6 1/2'
beige
lt tan
Sand
Rx ~ 5%⁺
60-c saprolite
@ 10-15%

30B

str. org brn
y brn
gravelly
SCL Lm
loose struct
3 1/2' 4'
brn, beige
micaceous
Lm
Rx
Trace
TIGHTLY
PACKED
massive
structure
7 1/2'
8'
SAND
micaceous
Saprolite Rx
5-10%
14'

30D

Dense
SCL Lm
gravelly
strong brn
brn
POCKETS OF CLAY
AVG
beige
lt tan
SAND
Rx
5-10%
14'



SOIL PROFILE
30-A

0'
2'
East
Wall
H.M.
boulder
frag:
4 1/2'
Dense
CLAY
pocket
N.E.
wall
8'
11-12'
14'
DK brn
gravelly
SCL Lm
15-20%
gravel
pocket
~ 35%
5'
Strong brn
micaceous
Sand Lm
Rock 5-10%
14 brn
tan
SAND
Rx 5-10%
pebbles

30-c

Saprolite %
10-15%

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-23-02	30E	4' S	12:21:45	12:25:16	12:25:16	12:30:11	5 ⁺ min	OK
		7' S	12:14:55	12:20:38		12:21:45	1 ⁰	
	Repour	7' S 14' 8" V	12:28:50	12:31:08	12:31:08	12:33:25	2 ⁺ min	
	30-D	4' S 14' V	12:39:57 12:41:45	12:40:21 12:42:40	12:42:40	12:43:55	1:15	OK
		6' S 13 1/2" V	12:42:14	12:44:52	12:44:52	12:49:43	5 min ⁺	
	30-B	4' 10" S 6' 6" S 14' V	12:57:51	12:59:06	12:59:06	1:01:02	2 min	OK
	30 A	4' 8" S 6' 8" S 14' V	1:14:28 1:11	1:15:28 1:13:50	1:15:28 1:13:50	1:17:10 1:16:30	2 ⁺ 3 ⁺	OK
	30-C	4' S 14' V	1:45:30	1:49:44	1:49:44	1:55:04	6 1/2 ⁺	OK

REMARKS Holes per plan 6'S 1:50:34 1:51:41 1:53:27 2⁺

TYPE OF SOIL _____

TESTED BY KG/BB ALSO PRESENT Clark Sperry
R. R. R.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

strange flow

