

# APPLICATION

PERCOLATION TESTING

A 513 of 2

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 \_\_\_\_\_

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 \_\_\_\_\_

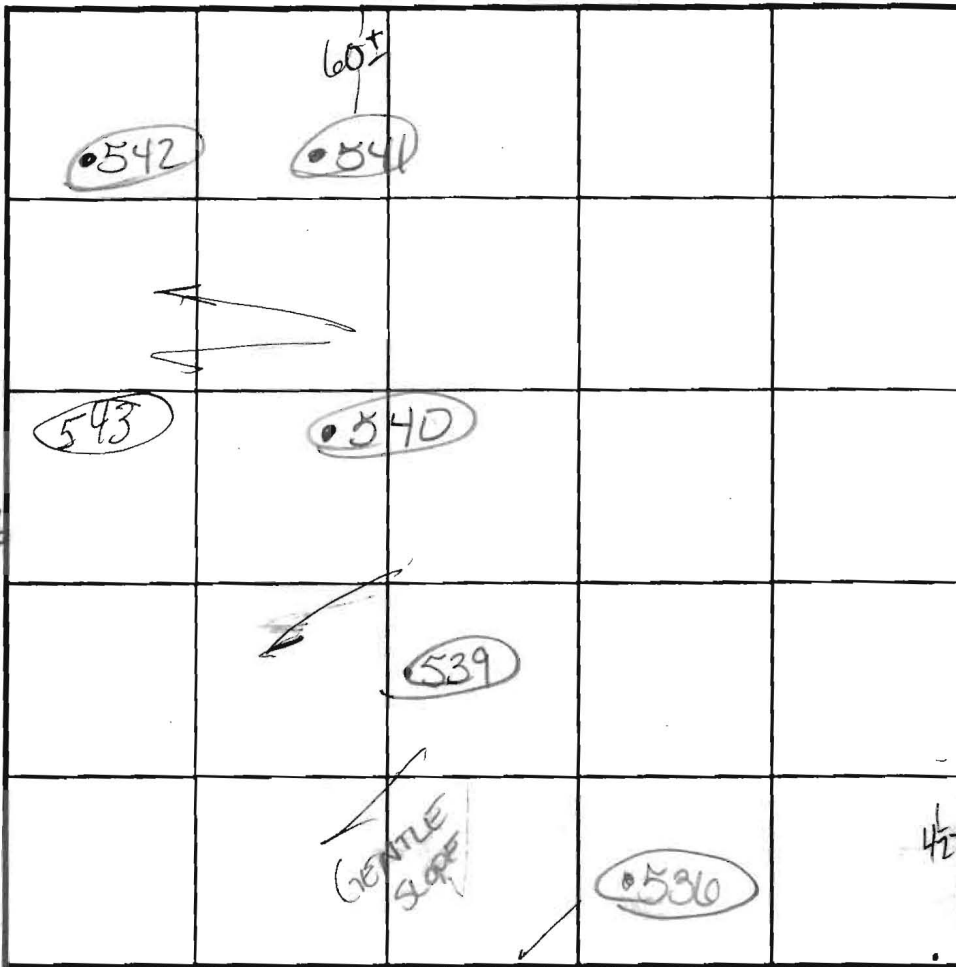
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

# HOMewood RD.

COUNTY # \_\_\_\_\_

SOIL PROFILE  
 0' (541)  
 Topsoil  
 org brn  
 CL LM  
 5-5 1/2' tan, org brn  
 brn  
 LM  
 Rock Frag <5%  
 14' Bottom  
 (540)  
 1" Topsoil  
 KD, Brn  
 HVY  
 CL LM  
 6 1/2-7' tan  
 brn  
 SA LM  
 Rock Frag  
 15-20%  
 13 1/2' Bottom  
 (539)  
 1" Topsoil  
 org br  
 CL LM  
 5 1/2' HVY  
 LM org brn  
 6' brn  
 tan  
 org brn  
 Micaceous  
 SA LM  
 Rock 5-10%  
 14' Bottom



SOIL PROFILE  
 0' (536/537)  
 Topsoil  
 HVY org brn  
 Loam  
 3-4' Micaceous  
 SA LM  
 org brn  
 tan  
 H beige  
 Rock Frag  
 5-10%  
 Bottom  
 13 1/2' 543/542  
 4 1/2-5 1/2' org brn  
 tan cl lm  
 Lt. brn beige  
 sa lm  
 <5% Lx  
 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/27	541	5 1/2' / 14'	11:11 <sup>30</sup>	11:16	11:16	11:25	9 min
	542	6 1/4' / 14'	4:04	4:05	4:05	4:07	2
	540	6' 2" S	11:20	>30 min for 1" drop			
		8' S 13 1/2' D	3:36 <sup>00</sup>	3:39 <sup>40</sup>	3:37 <sup>40</sup>	3:39 <sup>10</sup>	1 1/2 min
	539	6' 2" S	11:29	11:34	11:34	11:44	10 min
		14' 2" D					PASS
	536	5' S	11:49 <sup>00</sup>	11:53	11:53	11:57	8 min
		13 1/2' D					PASS
	537	5' 3" S	11:59	12:00 <sup>30</sup>	12:00 <sup>30</sup>	12:04 <sup>30</sup>	4 min
	543	6' / 14'	2:02	2:04	2:04	2:08	4 min

REMARKS HOLES PER PLAN

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

TESTED BY Goedeking ALSO PRESENT Chuck C. Ford  
Mike & crew

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

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



Vehicle log

1/15 'Riverwood'

Comment sent

1/23, revised 1/24

See Plot.

There is a pipeline  
between the two  
wells (one each on lots  
72 & 73?)

**Area Tabulation for Sheet 2**

Total Number of Subdivisible Lots to be Recorded	1
Total Number of Non-Subdivisible Preservation Parcels to be Recorded	0
Total Number of Non-Subdivisible Parcels to be Recorded	0
Total Area of Subdivisible Lots to be Recorded	1,140 Ac.
Total Area of Non-Subdivisible Preservation Parcels to be Recorded	6,520 Ac.
Total Area of Non-Subdivisible Parcels to be Recorded	0.000 Ac.
Total Area of Land to be Recorded	7,660 Ac.
Total Area of Land to be Recorded	5,770 Ac.

**Area Tabulation for Sheet 3**

Total Number of Subdivisible Lots to be Recorded	1
Total Number of Non-Subdivisible Preservation Parcels to be Recorded	0
Total Number of Non-Subdivisible Parcels to be Recorded	0
Total Area of Subdivisible Lots to be Recorded	1,140 Ac.
Total Area of Non-Subdivisible Preservation Parcels to be Recorded	6,520 Ac.
Total Area of Non-Subdivisible Parcels to be Recorded	0.000 Ac.
Total Area of Land to be Recorded	7,660 Ac.
Total Area of Land to be Recorded	5,770 Ac.

**Area Tabulation for Sheet 4**

Total Number of Subdivisible Lots to be Recorded	1
Total Number of Non-Subdivisible Preservation Parcels to be Recorded	0
Total Number of Non-Subdivisible Parcels to be Recorded	0
Total Area of Subdivisible Lots to be Recorded	1,140 Ac.
Total Area of Non-Subdivisible Preservation Parcels to be Recorded	6,520 Ac.
Total Area of Non-Subdivisible Parcels to be Recorded	0.000 Ac.
Total Area of Land to be Recorded	7,660 Ac.
Total Area of Land to be Recorded	5,770 Ac.

**Area Tabulation for Sheet 5**

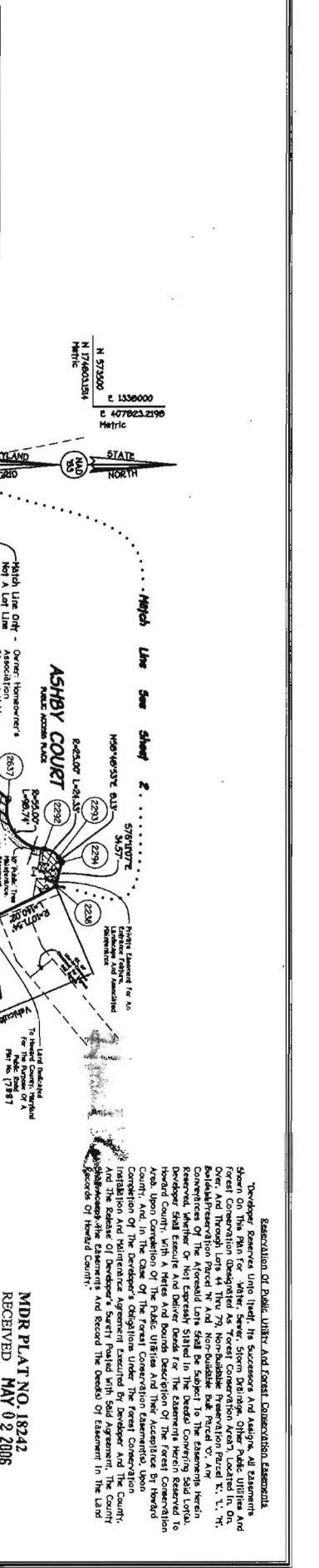
Total Number of Subdivisible Lots to be Recorded	1
Total Number of Non-Subdivisible Preservation Parcels to be Recorded	0
Total Number of Non-Subdivisible Parcels to be Recorded	0
Total Area of Subdivisible Lots to be Recorded	1,140 Ac.
Total Area of Non-Subdivisible Preservation Parcels to be Recorded	6,520 Ac.
Total Area of Non-Subdivisible Parcels to be Recorded	0.000 Ac.
Total Area of Land to be Recorded	7,660 Ac.
Total Area of Land to be Recorded	5,770 Ac.

**Area Tabulation for Sheet 6**

Total Number of Subdivisible Lots to be Recorded	1
Total Number of Non-Subdivisible Preservation Parcels to be Recorded	0
Total Number of Non-Subdivisible Parcels to be Recorded	0
Total Area of Subdivisible Lots to be Recorded	1,140 Ac.
Total Area of Non-Subdivisible Preservation Parcels to be Recorded	6,520 Ac.
Total Area of Non-Subdivisible Parcels to be Recorded	0.000 Ac.
Total Area of Land to be Recorded	7,660 Ac.
Total Area of Land to be Recorded	5,770 Ac.

**Area Tabulation for Sheet 7**

Total Number of Subdivisible Lots to be Recorded	1
Total Number of Non-Subdivisible Preservation Parcels to be Recorded	0
Total Number of Non-Subdivisible Parcels to be Recorded	0
Total Area of Subdivisible Lots to be Recorded	1,140 Ac.
Total Area of Non-Subdivisible Preservation Parcels to be Recorded	6,520 Ac.
Total Area of Non-Subdivisible Parcels to be Recorded	0.000 Ac.
Total Area of Land to be Recorded	7,660 Ac.
Total Area of Land to be Recorded	5,770 Ac.



**PRAGUE ESTIMATE FOR AN ENHANCED LANDSCAPE AND ASSOCIATED MAINTENANCE**

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Planting of 1" x 12" x 12" trees	100	\$15.00	\$1,500.00
2	Planting of 1" x 6" x 6" shrubs	200	\$5.00	\$1,000.00
3	Planting of 1" x 4" x 4" shrubs	300	\$3.00	\$900.00
4	Planting of 1" x 2" x 2" shrubs	400	\$2.00	\$800.00
5	Planting of 1" x 1" x 1" shrubs	500	\$1.50	\$750.00
6	Planting of 1" x 1/2" x 1/2" shrubs	600	\$1.00	\$600.00
7	Planting of 1" x 1/4" x 1/4" shrubs	700	\$0.75	\$525.00
8	Planting of 1" x 1/8" x 1/8" shrubs	800	\$0.50	\$400.00
9	Planting of 1" x 1/16" x 1/16" shrubs	900	\$0.30	\$270.00
10	Planting of 1" x 1/32" x 1/32" shrubs	1000	\$0.20	\$200.00
11	Planting of 1" x 1/64" x 1/64" shrubs	1100	\$0.15	\$165.00
12	Planting of 1" x 1/128" x 1/128" shrubs	1200	\$0.10	\$120.00
13	Planting of 1" x 1/256" x 1/256" shrubs	1300	\$0.075	\$97.50
14	Planting of 1" x 1/512" x 1/512" shrubs	1400	\$0.05	\$70.00
15	Planting of 1" x 1/1024" x 1/1024" shrubs	1500	\$0.035	\$52.50
16	Planting of 1" x 1/2048" x 1/2048" shrubs	1600	\$0.025	\$40.00
17	Planting of 1" x 1/4096" x 1/4096" shrubs	1700	\$0.015	\$25.50
18	Planting of 1" x 1/8192" x 1/8192" shrubs	1800	\$0.01	\$18.00
19	Planting of 1" x 1/16384" x 1/16384" shrubs	1900	\$0.005	\$9.50
20	Planting of 1" x 1/32768" x 1/32768" shrubs	2000	\$0.0025	\$5.00
21	Planting of 1" x 1/65536" x 1/65536" shrubs	2100	\$0.0015	\$3.15
22	Planting of 1" x 1/131072" x 1/131072" shrubs	2200	\$0.001	\$2.20
23	Planting of 1" x 1/262144" x 1/262144" shrubs	2300	\$0.0005	\$1.15
24	Planting of 1" x 1/524288" x 1/524288" shrubs	2400	\$0.00025	\$0.60
25	Planting of 1" x 1/1048576" x 1/1048576" shrubs	2500	\$0.00015	\$0.375
26	Planting of 1" x 1/2097152" x 1/2097152" shrubs	2600	\$0.0001	\$0.26
27	Planting of 1" x 1/4194304" x 1/4194304" shrubs	2700	\$0.00005	\$0.135
28	Planting of 1" x 1/8388608" x 1/8388608" shrubs	2800	\$0.000025	\$0.07
29	Planting of 1" x 1/16777216" x 1/16777216" shrubs	2900	\$0.000015	\$0.0435
30	Planting of 1" x 1/33554432" x 1/33554432" shrubs	3000	\$0.00001	\$0.03
31	Planting of 1" x 1/67108864" x 1/67108864" shrubs	3100	\$0.000005	\$0.0155
32	Planting of 1" x 1/134217728" x 1/134217728" shrubs	3200	\$0.0000025	\$0.008
33	Planting of 1" x 1/268435456" x 1/268435456" shrubs	3300	\$0.0000015	\$0.00495
34	Planting of 1" x 1/536870912" x 1/536870912" shrubs	3400	\$0.000001	\$0.0034
35	Planting of 1" x 1/1073741824" x 1/1073741824" shrubs	3500	\$0.0000005	\$0.00175
36	Planting of 1" x 1/2147483648" x 1/2147483648" shrubs	3600	\$0.00000025	\$0.0009
37	Planting of 1" x 1/4294967296" x 1/4294967296" shrubs	3700	\$0.00000015	\$0.000555
38	Planting of 1" x 1/8589934592" x 1/8589934592" shrubs	3800	\$0.0000001	\$0.00038
39	Planting of 1" x 1/17179869184" x 1/17179869184" shrubs	3900	\$0.00000005	\$0.000195
40	Planting of 1" x 1/34359738368" x 1/34359738368" shrubs	4000	\$0.000000025	\$0.0001
41	Planting of 1" x 1/68719476736" x 1/68719476736" shrubs	4100	\$0.000000015	\$0.0000615
42	Planting of 1" x 1/137438953472" x 1/137438953472" shrubs	4200	\$0.00000001	\$0.000042
43	Planting of 1" x 1/274877906944" x 1/274877906944" shrubs	4300	\$0.000000005	\$0.00001725
44	Planting of 1" x 1/549755813888" x 1/549755813888" shrubs	4400	\$0.0000000025	\$0.000011
45	Planting of 1" x 1/1099511627776" x 1/1099511627776" shrubs	4500	\$0.0000000015	\$0.00000675
46	Planting of 1" x 1/2199023255552" x 1/2199023255552" shrubs	4600	\$0.000000001	\$0.0000046
47	Planting of 1" x 1/4398046511104" x 1/4398046511104" shrubs	4700	\$0.0000000005	\$0.00000235
48	Planting of 1" x 1/8796093022208" x 1/8796093022208" shrubs	4800	\$0.00000000025	\$0.0000012
49	Planting of 1" x 1/1759218044416" x 1/1759218044416" shrubs	4900	\$0.00000000015	\$0.000000735
50	Planting of 1" x 1/3518436088832" x 1/3518436088832" shrubs	5000	\$0.0000000001	\$0.0000005
51	Planting of 1" x 1/7036872177664" x 1/7036872177664" shrubs	5100	\$0.00000000005	\$0.000000255
52	Planting of 1" x 1/14073744353328" x 1/14073744353328" shrubs	5200	\$0.000000000025	\$0.00000013
53	Planting of 1" x 1/28147488706656" x 1/28147488706656" shrubs	5300	\$0.000000000015	\$0.0000000795
54	Planting of 1" x 1/56294977413312" x 1/56294977413312" shrubs	5400	\$0.00000000001	\$0.000000054
55	Planting of 1" x 1/112589948826624" x 1/112589948826624" shrubs	5500	\$0.000000000005	\$0.0000000275
56	Planting of 1" x 1/225179897653248" x 1/225179897653248" shrubs	5600	\$0.0000000000025	\$0.000000014
57	Planting of 1" x 1/450359795306496" x 1/450359795306496" shrubs	5700	\$0.0000000000015	\$0.00000000855
58	Planting of 1" x 1/900719590612992" x 1/900719590612992" shrubs	5800	\$0.000000000001	\$0.0000000058
59	Planting of 1" x 1/1801439181225984" x 1/1801439181225984" shrubs	5900	\$0.0000000000005	\$0.00000000295
60	Planting of 1" x 1/3602878362451968" x 1/3602878362451968" shrubs	6000	\$0.00000000000025	\$0.0000000015
61	Planting of 1" x 1/7205756724903936" x 1/7205756724903936" shrubs	6100	\$0.00000000000015	\$0.000000000915
62	Planting of 1" x 1/14411513449807872" x 1/14411513449807872" shrubs	6200	\$0.0000000000001	\$0.00000000062
63	Planting of 1" x 1/28823026899615744" x 1/28823026899615744" shrubs	6300	\$0.00000000000005	\$0.000000000315
64	Planting of 1" x 1/57646053799231488" x 1/57646053799231488" shrubs	6400	\$0.000000000000025	\$0.00000000016
65	Planting of 1" x 1/115292107598462976" x 1/115292107598462976" shrubs	6500	\$0.000000000000015	\$0.0000000000975
66	Planting of 1" x 1/230584215196925952" x 1/230584215196925952" shrubs	6600	\$0.00000000000001	\$0.000000000066
67	Planting of 1" x 1/461168430393851904" x 1/461168430393851904" shrubs	6700	\$0.000000000000005	\$0.0000000000335
68	Planting of 1" x 1/922336860787703808" x 1/922336860787703808" shrubs	6800	\$0.0000000000000025	\$0.000000000017
69	Planting of 1" x 1/1844673721575407616" x 1/1844673721575407616" shrubs	6900	\$0.0000000000000015	\$0.00000000000945
70	Planting of 1" x 1/3689347443150815232" x 1/3689347443150815232" shrubs	7000	\$0.000000000000001	\$0.000000000007
71	Planting of 1" x 1/7378694886301630464" x 1/7378694886301630464" shrubs	7100	\$0.0000000000000005	\$0.00000000000355
72	Planting of 1" x 1/1475738972603260928" x 1/1475738972603260928" shrubs	7200	\$0.00000000000000025	\$0.0000000000018
73	Planting of 1" x 1/2951477945206521856" x 1/2951477945206521856" shrubs	7300	\$0.00000000000000015	\$0.00000000000105
74	Planting of 1" x 1/5902955890413043712" x 1/5902955890413043712" shrubs	7400	\$0.0000000000000001	\$0.00000000000074
75	Planting of 1" x 1/11805911780826087424" x 1/11805911780826087424" shrubs	7500	\$0.00000000000000005	\$0.000000000000375
76	Planting of 1" x 1/23611823561652174848" x 1/23611823561652174848" shrubs	7600	\$0.000000000000000025	\$0.00000000000019
77	Planting of 1" x 1/47223647123304349696" x 1/47223647123304349696" shrubs	7700	\$0.000000000000000015	\$0.0000000000001155
78	Planting of 1" x 1/94447294246608699392" x 1/94447294246608699392" shrubs	7800	\$0.00000000000000001	\$0.000000000000078
79	Planting of 1" x 1/188894588493217398784" x 1/188894588493217398784" shrubs	7900	\$0.000000000000000005	\$0.0000000000000395
80	Planting of 1" x 1/377789176986434797568" x 1/377789176986434797568" shrubs	8000	\$0.0000000000000000025	\$0.00000000000002
81	Planting of 1" x 1/755578353972869595136" x 1/755578353972869595136" shrubs	8100	\$0.0000000000000000015	\$0.000000000000012
82	Planting of 1" x 1/1511156707945739190272" x 1/1511156707945739190272" shrubs	8200	\$0.000000000000000001	\$0.0000000000000082
83	Planting of 1" x 1/3022313415891478380544" x 1/3022313415891478380544" shrubs	8300	\$0.0000000000000000005	\$0.00000000000000415
84	Planting of 1" x 1/6044626831782956761088" x 1/6044626831782956761088" shrubs	8400	\$0.00000000000000000025	\$0.0000000000000021
85	Planting of 1" x 1/12089253663565913522176" x 1/12089253663565913522176" shrubs	8500	\$0.00000000000000000015	\$0.000000000000001275
86	Planting of 1" x 1/24178507327131827044352" x 1/24178507327131827044352" shrubs	8600	\$0.0000000000000000001	\$0.00000000000000086
87	Planting of 1" x 1/48357014654263654088704" x 1/48357014654263654088704" shrubs	8700	\$0.00000000000000000005	\$0.000000000000000435
88	Planting of 1" x 1/96714029308527308177408" x 1/96714029308527308177408" shrubs	8800	\$0.000000000000000000025	\$0.00000000000000022
89	Planting of 1" x 1/193428086617054616354816" x 1/193428086617054616354816" shrubs	8900	\$0.000000000000000000015	\$0.0000000000000001365
90	Planting of 1" x 1/386856173234109232709632" x 1/3868			

# 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 \_\_\_\_\_

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 \_\_\_\_\_

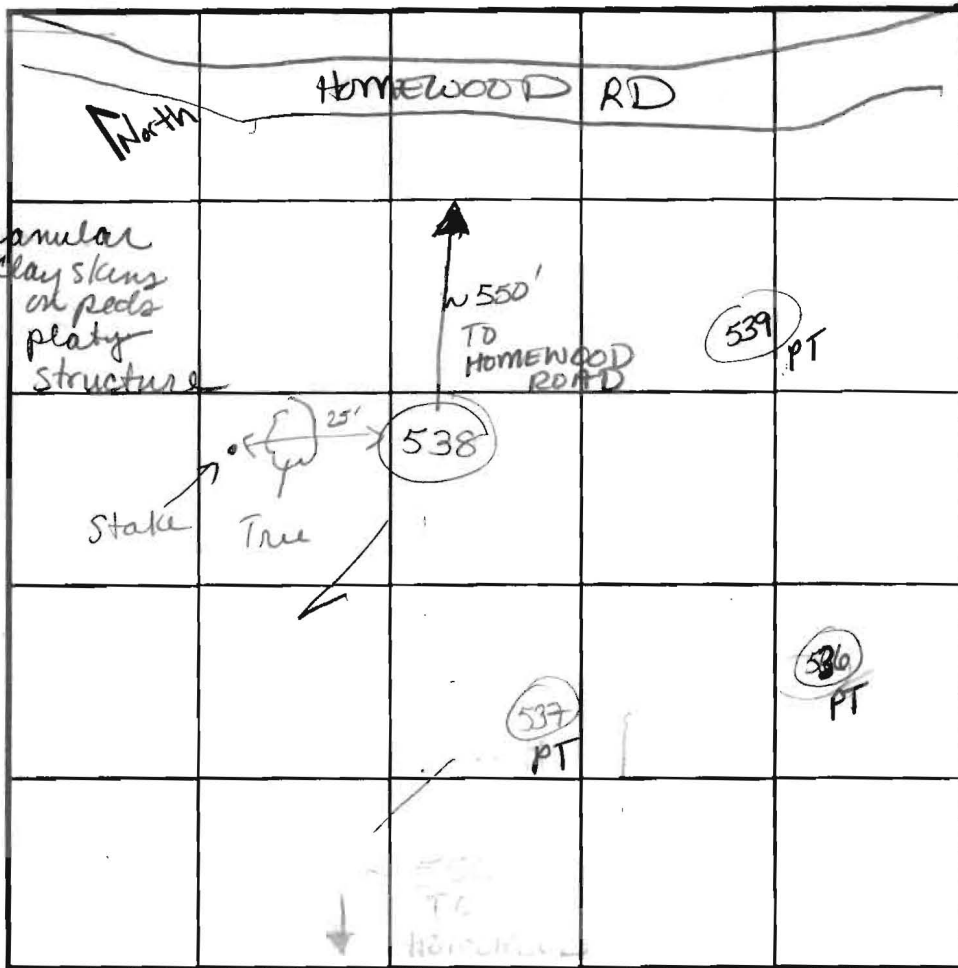
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' **538**  
 Dense Strong Rd Brn Micaceous SCLM Rx 15-20%  
 4'  
 tan beige strong tan Micaceous Lm to silM Rx ~50%  
 Bottom 13'



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	
2-22-02	538	4 1/2' S	2:49	3:05	3:05	3:32	28
		13' D					OK

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

