

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 410-313-2640

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 Robert T. Matthews Revocable Trust
c/o Cloverfield/Pfefferkorn, LLC, 10705 Charter Drive,
ADDRESS Suite 320, Columbia, MD 21044 PHONE 410-997-7400

AGENT OR PROSPECTIVE BUYER Heritage Land Development
ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Matthews Property LOT NO. 9

ROAD AND DESCRIPTION _____
2400 Pfefferkorn Road, West Friendship, MD 21794

TAX MAP NO. 15 PARCEL # 4

SIZE OF LOT 1 acre TYPE OF 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 #

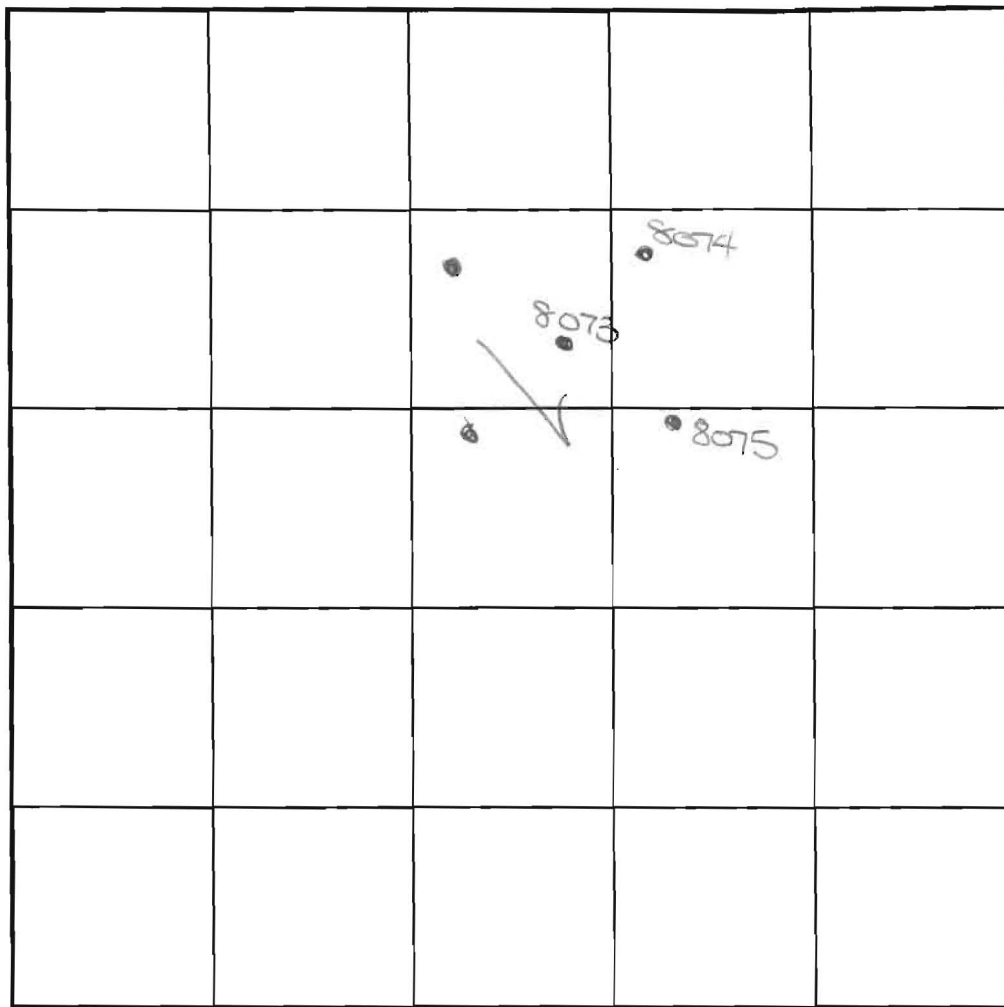
SOIL PROFILE

0' 8073
 1' topsoil
 3' red org cl tm
 1+bm sil m
 10%+ rock

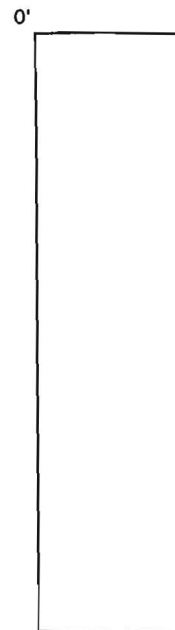
13' 0' 8074
 1' topsoil
 3.5' org red cl m
 4' tan sil m
 10% rock

28' 0' 8075
 1' topsoil
 4' red org cl tm
 tan to grey sil m
 10%+ rock

12



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-03	8073	13.0'D	visual	-see profile			P
5-10-03	8074	4' 8 S	2:38	2:40	2:40	2:43	3
		7.5' M	2:38.3	2:42	2:42	2:46	4
		12' 8 D	visual	-see profile			P
	8075	3.0'S	2:49	slow	-test	stopped	
		7.0' M	2:49.3	2:51	2:51	2:53	2
		12.0'D	Refusal	-see profile			P
		5.0' M ₂	3:31	3:33	3:33	3:36	3

REMARKS

TYPE OF SOIL

TESTED BY

X. CLARK

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

J. BOHRS

TRENCH WIDTH

SQ. FT./BEDROOM

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A/P 8254

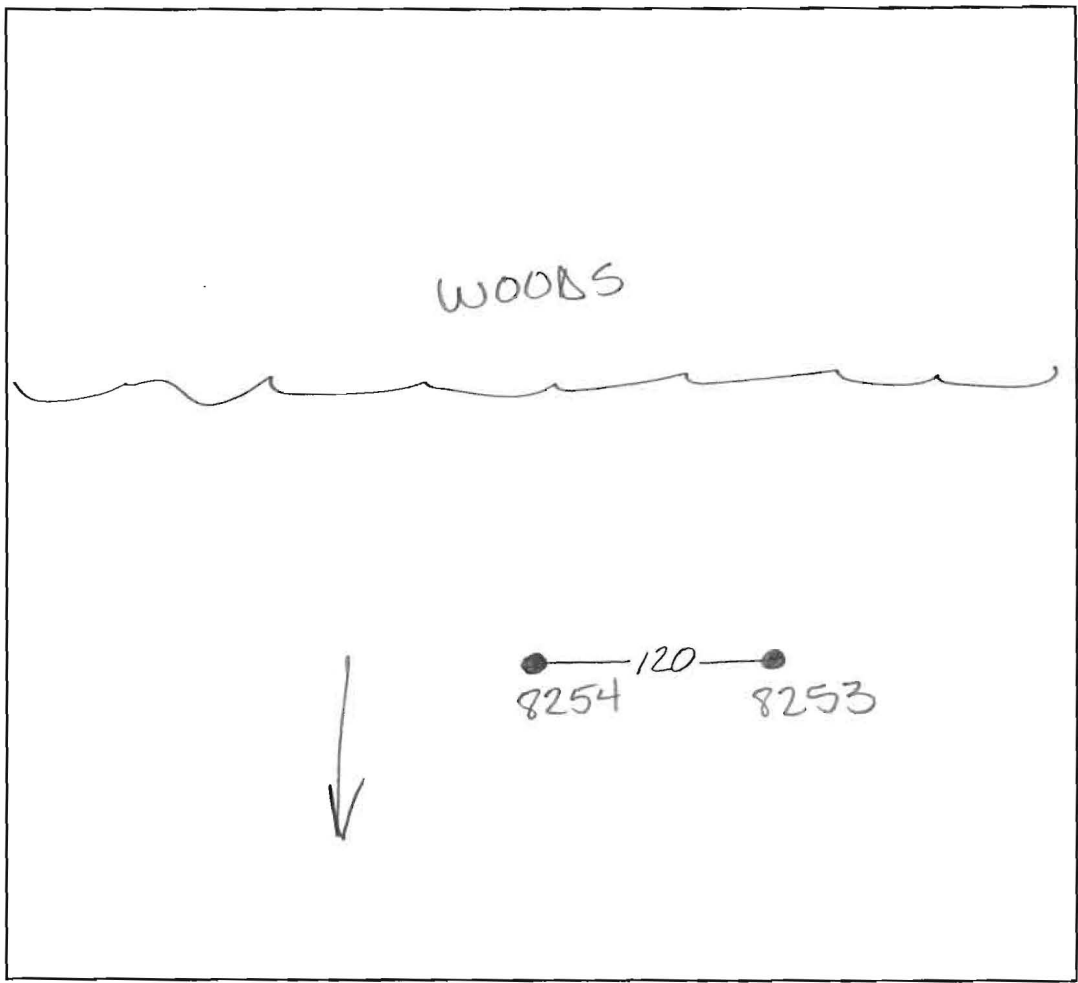
3' red
brn
cilm

red
brn
Salm

9' 30%
Ry
red brn
Salm

12' 8253

refusal
①
5'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8-16-03	8254	3 1/2 V12	7.24	7.29	7.29	7.35	6min
	8253	Refusal @ 5'		Insufficient depth to bedrock			F

REMARKS _____

SANITARIAN Amy Hart BACKHOE Tim Feaga OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

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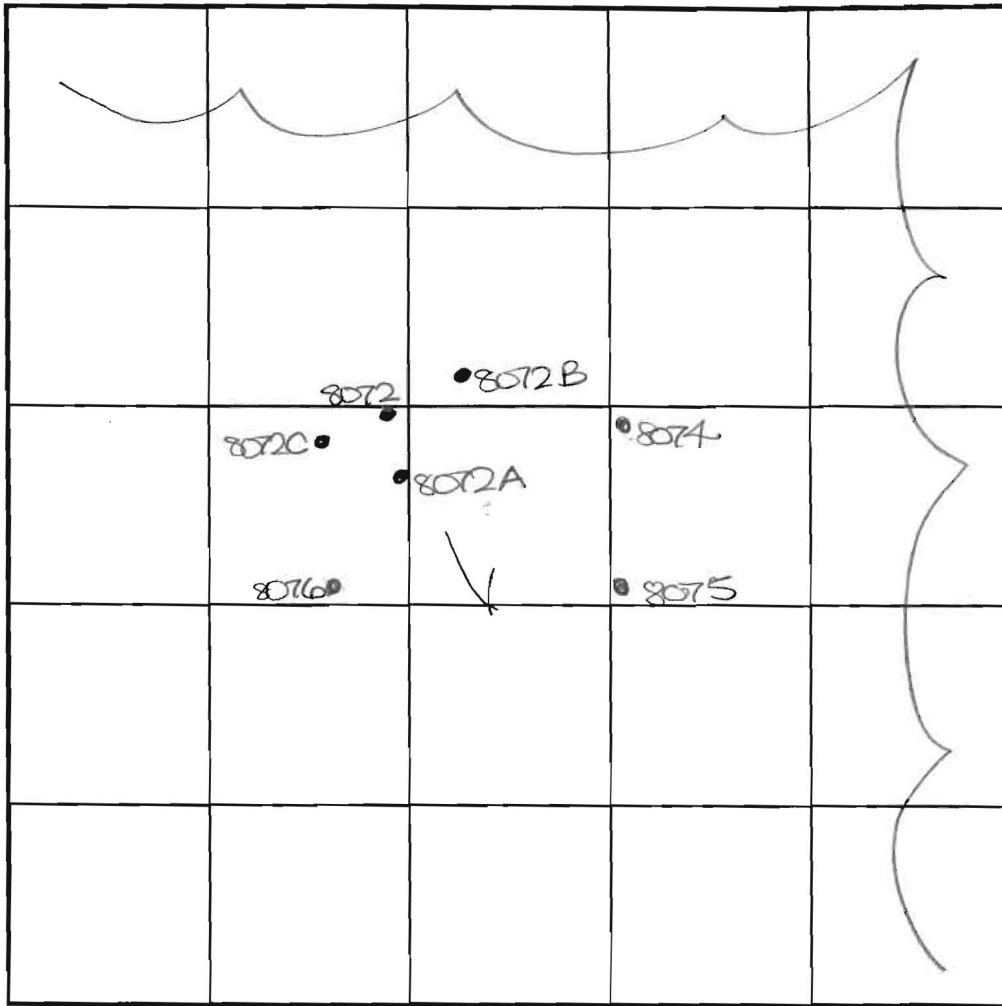
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 8076
 1' topsoil
 dk red brn cl lm
 4.5' +
 1' 4 org tan si lm
 10-15% rock
 12.5'
 0' 8072 B
 1' topsoil
 red cl lm
 3.5' 4' 1' 4' org tan 70 grey si lm
 5-10% rock
 11.5'
 0' 8072 C
 1' topsoil
 red brn cl lm
 3' 3.5' 1' 4 org brn si lm
 10-15% rock
 15.9'



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	
5-10-03	8072	8.0' D	Refusal	+70% rock	3'-8'		F
	8072	14.0' D	Visual	+60% rock	7.5'-14'		F
	8076	4.0' S	2:08	2:21	2:21	2:47	26
		7.0' M	2:08 ₃	2:11	2:11	2:14	3
		12.5' D	Refusal	- see profile			P
	8072	3' 8" S	2:15	2:20	2:20	2:35	15
	8072	7.0' M	2:18	2:19	2:19	2:22	3
		11.5' D	Refusal	- see profile			P
5-12-03	8072	15' 9" D	Visual	- see profile			P
	8072						

REMARKS

TYPE OF SOIL

TESTED BY

R. Clark

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

J. BONS

TRENCH WIDTH

SQ. FT./BEDROOM