

APPLICATION

PERCOLATION TESTING

A 516045

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 Susan Moxley

ADDRESS 3489 Downing Court PHONE 1-301-831-8350
Adamsstown, MD 21710

AGENT OR PROSPECTIVE BUYER Benchmark Engineering, Inc.

ADDRESS 8480 Baltimore National Pk. PHONE 410-465-6105
Ellicott City, MD 21043
Suite 418

PROPERTY LOCATION:
SUBDIVISION Susan Moxley Property LOT NO. 6 ^{OLD} 18/19

ROAD AND DESCRIPTION Frederick Road @ Roxbury Mills Road
NE Quadrant of Intersection

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1 Ac. ± 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.

M. Moxley
(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

516045

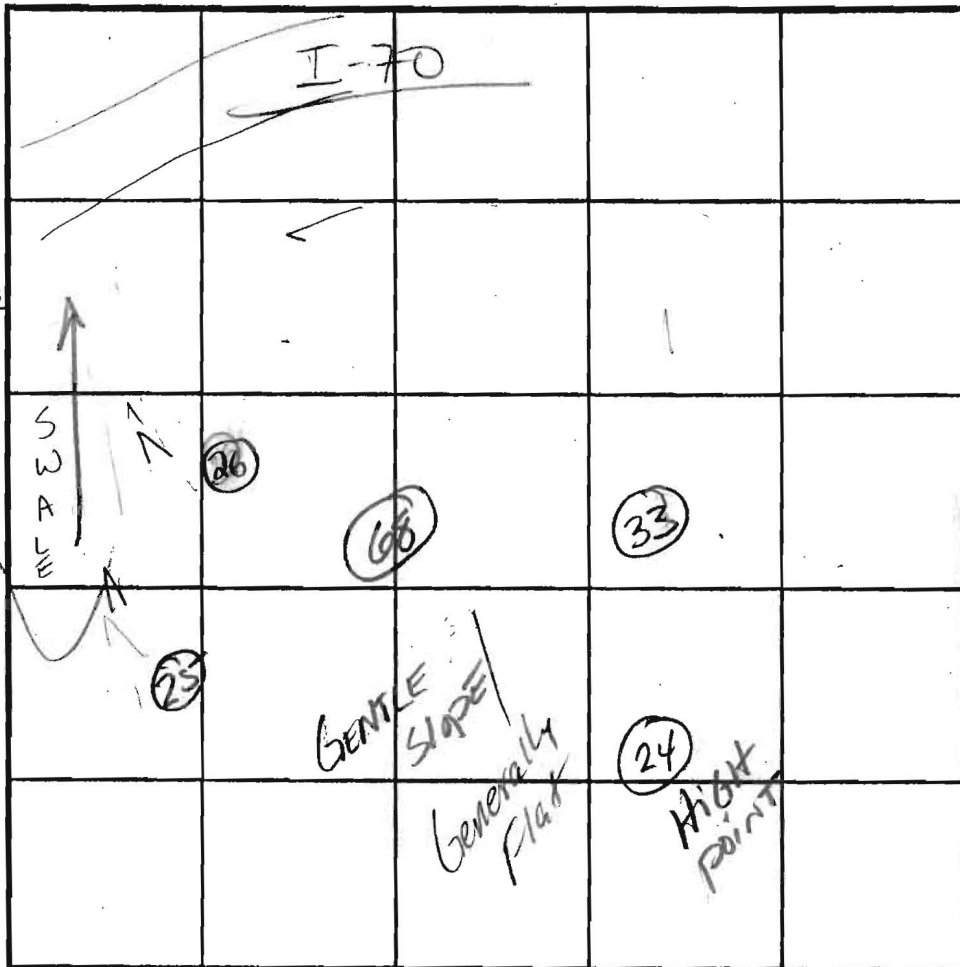
COUNTY #

SOIL PROFILE

0' (33)
 10" Topsoil
 org brn Wkrd CLLm
 5 to 6 1/2' beige fine sand 5-10% Saprolite
 Bottom 14 1/2'

(26)
 4" Topsoil
 Hvy rd CLLm
 4'± Saln weak rd pink, tan mn aggregates C white Saprolite (parent material) 10-15% Rx
 Bottom 14'

(68)
 4" Topsoil
 Hvy rd CLLm 5-10% rock
 West wall 6 1/2' yellow brn org brn Wkrd pink SLM later mn aggregates
 25-35% platy Struct Saprolite
 Bottom 15'



SOIL PROFILE

0' (25)
 1" Topsoil
 org brn Lm
 Trace Rock
 6 to 6 1/2' tan lt brn beige Sandy Lm-Sand 5-10% rock
 Bottom 14' (24)

1" Topsoil
 Hvy rd CLLm
 5' Rock 5-10%
 pink beige yellow SLM
 Rock 15-25%
 Bottom 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/6/01	33	6 1/2' S	2:43 ³²	2:44 ³⁰	2:44 ³⁰	2:46 ⁰⁷	~ 1/2 min
		15' D					OK
	26	7' S	2:24 ⁵⁰	2:27	2:27	2:30	3 min
		15' D					OK
a.k.a. 7065	68	7' S	2:48 ⁵⁰	2:50 ²⁰	2:50 ²⁰	2:52 ³⁰	2+ min
		15' D	REDUCED ON 4/15/02 & PERCED				OK
	25	6' S	2:56 ⁰⁰	2:57 ¹⁰	2:57 ¹⁰	2:58 ⁵⁸	~ 1/2
		14' D					OK
	24	6' S	12:14 ²²	12:16 ²³	12:16 ²³	12:20	4 min
		14' D					OK

REMARKS: HOLES PER PLAN DUG WITH POST HOLE DIGGER
 TYPE OF SOIL _____
 TESTED BY: KG ALSO PRESENT: HELPER (Roberts)
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

13
COUNTY #

TO RT 70 RAMP

SOIL PROFILE

(32)

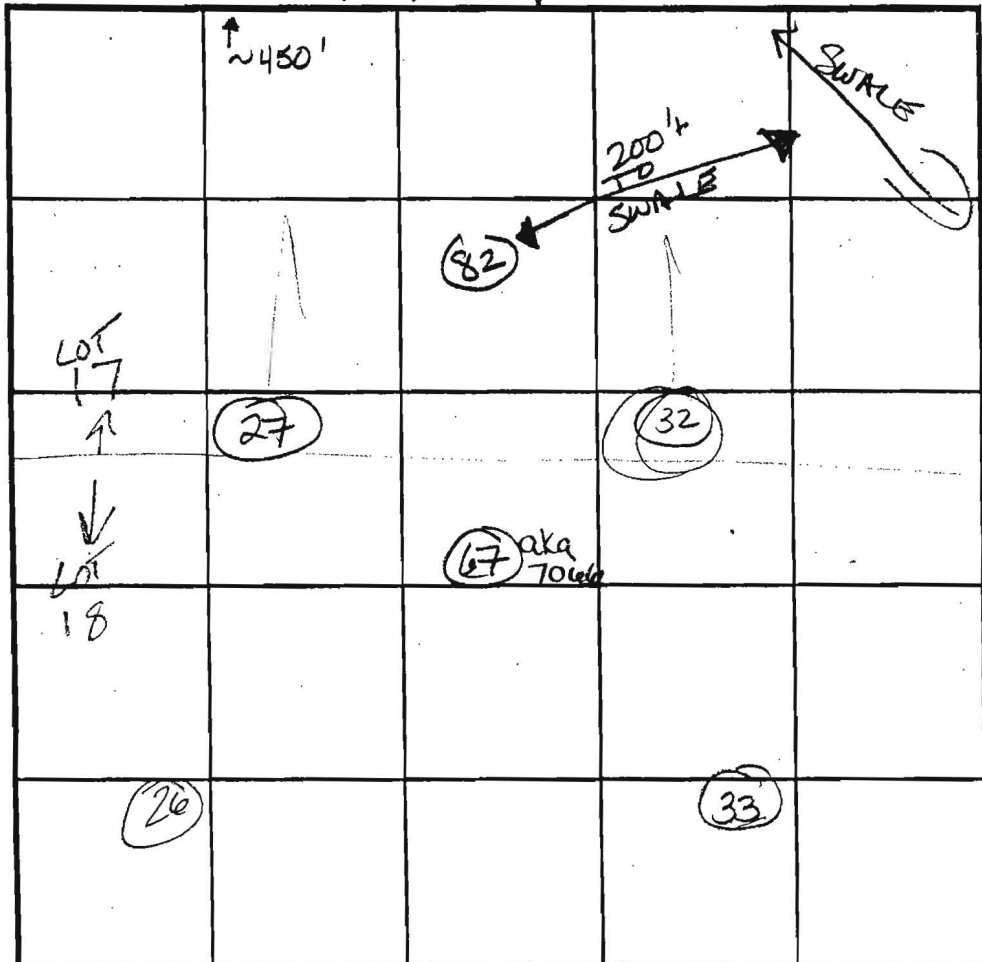
0' Topsoil 1"
Hvy cl
RED
Trace Rock
tan wkrd
brn
hvy lm-lm
Trace rock 2 1/2'
4 1/2'
beige
tan
S-SL
10-15%
structured
saprolite
Bottom 13'

(67)/(26)

Topsoil 1"
org brn
CLLM-
hlm
Trace
Rock 6'
beige
lt brn
sand
weak
saprolite
(structured)
& rock
10-15%
Bottom 13 1/2'

(27)

Topsoil 1"
org brn
CLLM
Rock-Trace
beige
pink
lt brn
salm
Rock Frag
weak
saprolite
10-15%
pau...
Bottom 13'



SOIL PROFILE

(33)

0' Topsoil 10"
org brn
wk rd
CLLM
5-6 1/2'
fine
SAND
Beige
5-10%
Saprolite
14 1/2' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
12/6/01	(32)	7' S	2:00	2:01 ⁵³	2:01 ⁵³	2:03 ⁴⁵	2min
		14' D					OK
a.k.a 7066	(67)	6 1/2' S	1:49 ³⁰	1:51	1:51 ³⁰	1:53 ³⁰	2min
		13 1/2' D					OK
	(27)	7' S	1:44	1:52	1:52	2:05	13min
		13' D					OK
	(26)	7' S	2:24 ⁵⁰	2:27	2:27	2:30	3min
		15' D					OK
	(33)	6 1/2' S	2:09 ³⁹	2:10 ¹⁴	2:10 ¹⁴	2:11 ²⁰	105 min
		14 1/2' D					OK

REMARKS *32 like 27 & 67 but larger frags of hard saprolite
 TYPE OF SOIL HOLES PER PLAN
 TESTED BY KG ALSO PRESENT HELPER - HATFIELD
 FRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

