

APPLICATION

PERCOLATION TESTING

A 513618-JJ

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 Jared T. Healy, Trustee and M. Charlotte Powel, Trustee

ADDRESS 10715 Charter Dr., Columbia, MD 21044 PHONE 410-730-4545

AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C. CONTACT: Tim Feaga, Heritage Land Develop

ADDRESS P.O. Box 999, Columbia, MD 21044 PHONE 410-489-7900, ext. 11

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 34

ROAD AND DESCRIPTION Buckskin Woods Drive, Ellicott City, MD 21042

TAX MAP 22 PARCEL # 77, 283 and 74

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.

B. James Greenfield
(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 104

0' topsoil

6" dull org brn cl lm

2' br org brn sa d lm

4' med red brn to beige sa mica lm 10% sapr sh

3'

SOIL PROFILE 105

0' topsoil

6" org brn cl lm

2.5' med org brn sa cl lm

4' med red brn sa mica lm w/20%+ sapr sh

2.5'

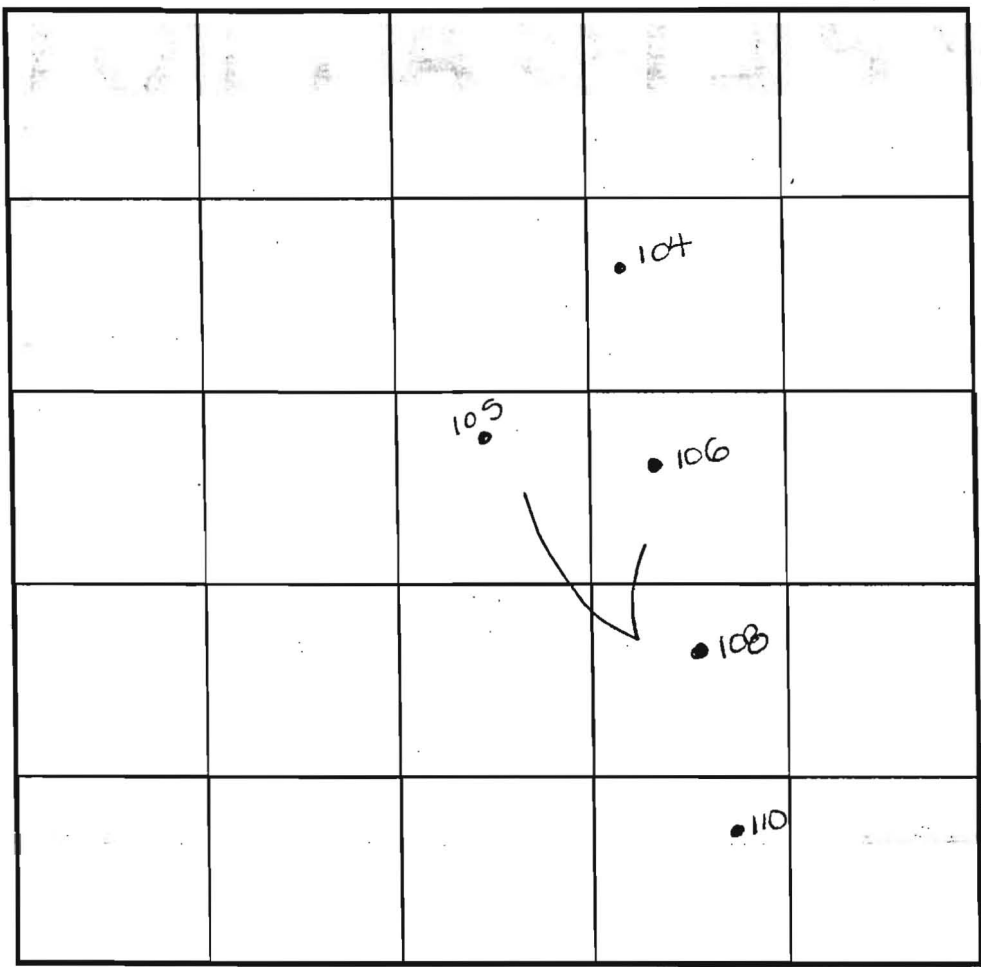
SOIL PROFILE 106

0' topsoil

6" org brn cl lm

4' med org brn to dk red brn sa mica lm 15-20% sapr sh

2.5'



SOIL PROFILE 108

0' topsoil

6" org brn cl lm w/sh frag

3.5' med dk brn sa mica lm w/70% sapr sh

4'

11.5'

SOIL PROFILE 110

0' topsoil

6" org brn cl lm

13.5' org brn to dk red brn sa mica lm 19%+ sh

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	105	3.5' S	11:28 ₃	11:34	11:34	11:43	9
		12.5' D	visual	-see	profile		OK
	104	3.5' S	11:41	little slow	-test stopped		-
		13.0' D	visual	-see	profile		OK
		5.0' M	11:54	12:06	12:06	12:22	16
	106	12.5' D	visual	-see	profile		OK
	108	3.0' S	12:11	12:16	12:16	12:28 ₃	13
		11.5' D	visual	-see	profile		FAIL
	110	13.5' D	visual	-see	profile		OK
	108	6' 8" M	2:48 ₃	2:50 ₃	2:50 ₃	2:52 ₃	2 FAIL

REMARKS - holes tested as staked

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE 98

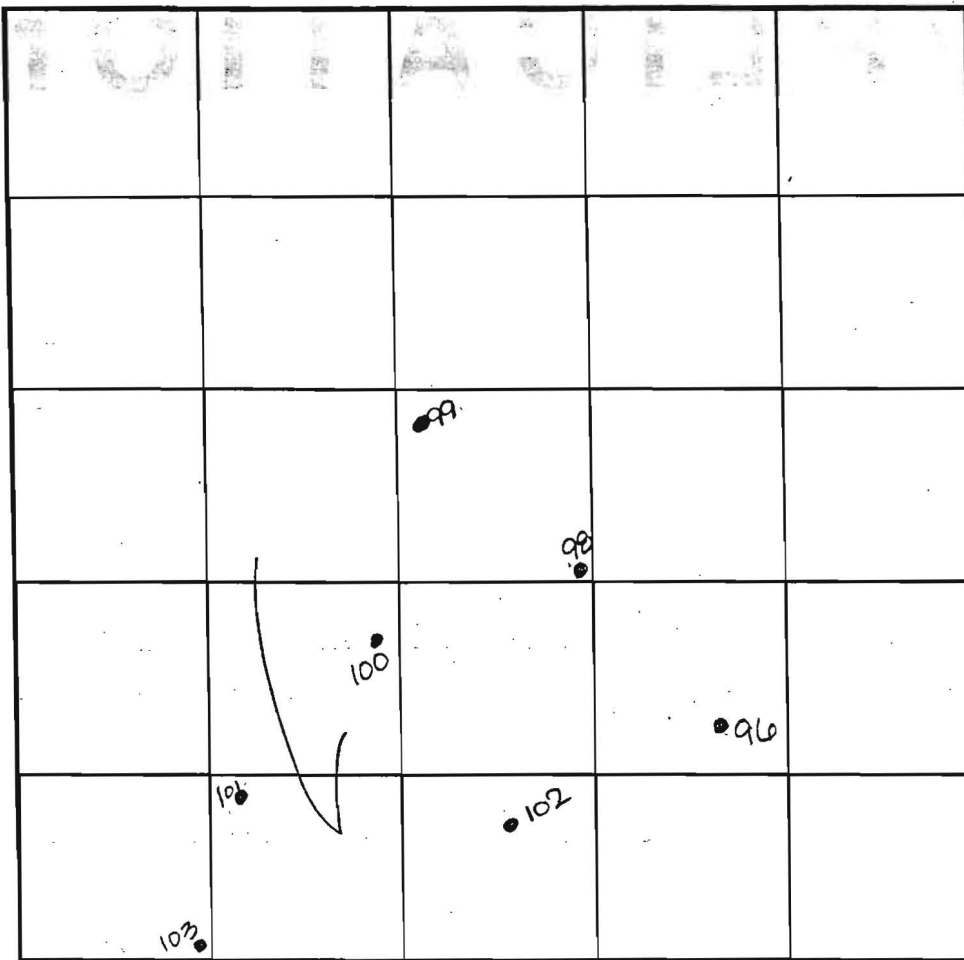
0" topsoil
 6" red org brn sa cl lm
 2.5" med red brn sa mica lm
 4.5" w/ 20% sapr sh

96/103

0" topsoil
 6" org brn sa cl lm
 3.5" med red brn sa mica lm
 12" w/ 20% sapr sh

100/99

0" topsoil
 6" dull org brn sa cl lm
 2.5" br org brn sa cl lm
 4" med pk brn sa mica lm
 13" w/ 15-20% sapr sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 102

0" topsoil
 6" dull org brn sa cl lm
 4" br org brn to pale pk to white sa mica lm
 13" 5-10% sapr sh

101

like 100 w/ 10% sapr sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	98	4.0' S	11:01 ₃	11:02 ₃	11:02 ₃	11:04	2
		13.0' D	visual	- see profile			OK
	96	12.0' D	visual	- see profile			OK
	100	4.0' S	11:07 ₃	11:08 ₃	11:08 ₃	11:10	2
		12.0' D	visual	- see profile			OK
	103	3.5' S	11:12	11:17 ₃	11:17 ₃	11:25 ₃	8
		12.5' D	visual	- see profile			OK
	99	12.0' D	visual	- see profile			OK
	101	11' 8" D	visual	- see profile			OK
	102	13.0' D	visual	- see profile			OK

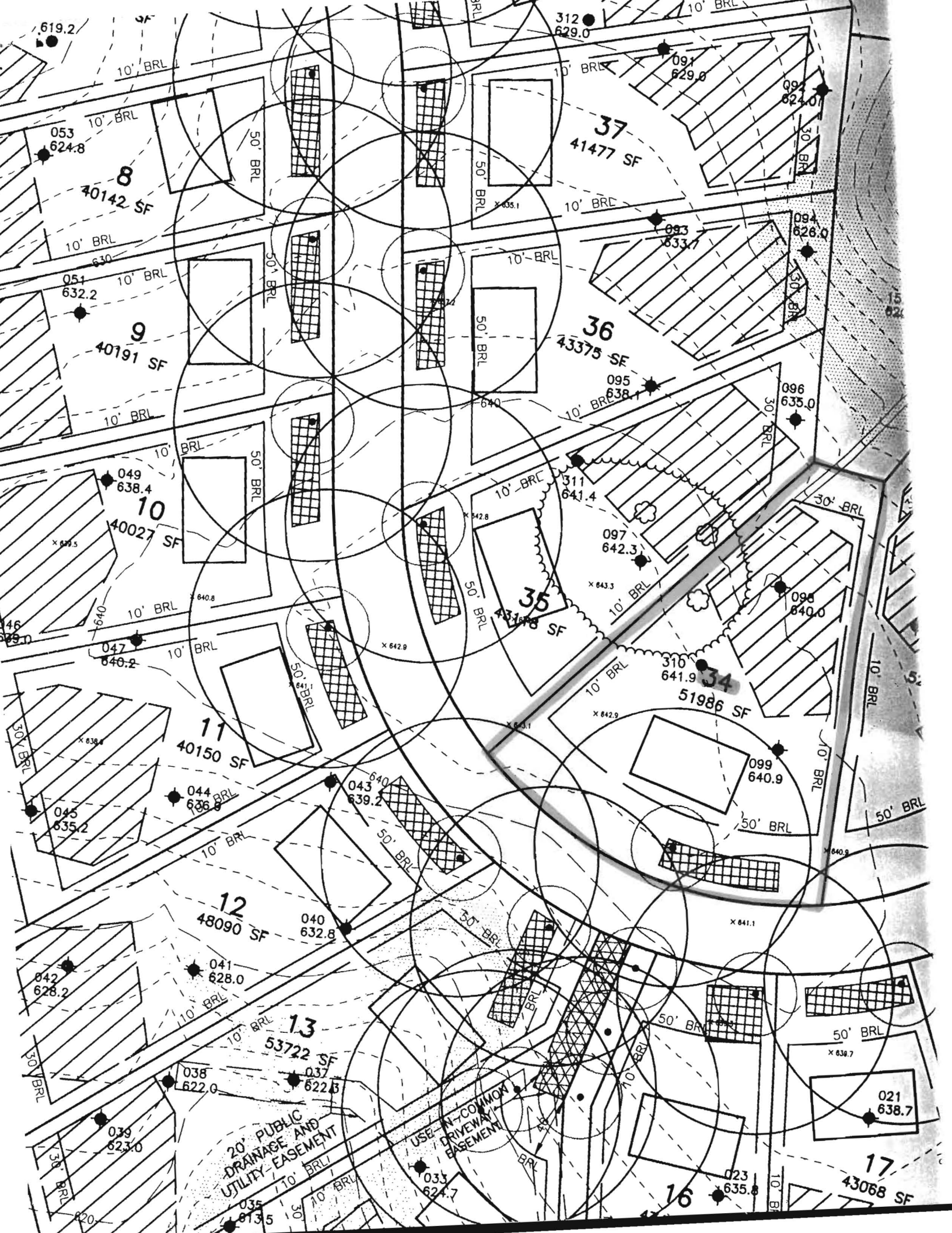
REMARKS holes tested as stated

TYPE OF SOIL

TESTED BY DK ALSO PRESENT C. Zepp, T. Peaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM



619.2

312
629.0

10' BRL

10' BRL

10' BRL

053
624.8

10' BRL

10' BRL

091
629.8

092
624.0

8
40142 SF

37
41477 SF

10' BRL

10' BRL

051
632.2

10' BRL

10' BRL

093
633.7

094
626.0

9
40191 SF

36
43375 SF

10' BRL

10' BRL

049
638.4

10' BRL

10' BRL

095
638.1

096
635.0

10
40027 SF

35
43168 SF

10' BRL

10' BRL

047
640.2

10' BRL

10' BRL

097
642.3

098
640.0

11
40150 SF

34
51986 SF

10' BRL

10' BRL

045
635.2

10' BRL

10' BRL

099
640.9

12
48090 SF

10' BRL

044
636.8

10' BRL

10' BRL

040
632.8

042
628.2

10' BRL

10' BRL

041
628.0

13
53722 SF

10' BRL

038
622.0

10' BRL

10' BRL

037
622.3

039
623.0

10' BRL

10' BRL

036
613.5

20' PUBLIC DRAINAGE AND UTILITY EASEMENT

10' BRL

035
613.5

USE-IN-COMMON DRIVEWAY BASEMENT

16
635.8

17
43068 SF

