

# APPLICATION

PERCOLATION TESTING

A 513418-55

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 43 42

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



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PROPERTY LOCATION:

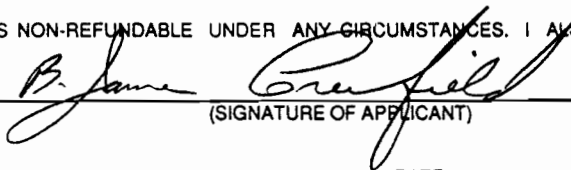
SUBDIVISION \_\_\_\_\_ LOT NO. 27 (42)

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)

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(SIGNATURE OF APPLICANT)

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

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

141

0' topsoil  
 6" red brn silty cl loam  
 3.5' pale org silty loam  
 10% silt sh

142

6" topsoil  
 3.5' br red brn silty loam  
 10% silt sh

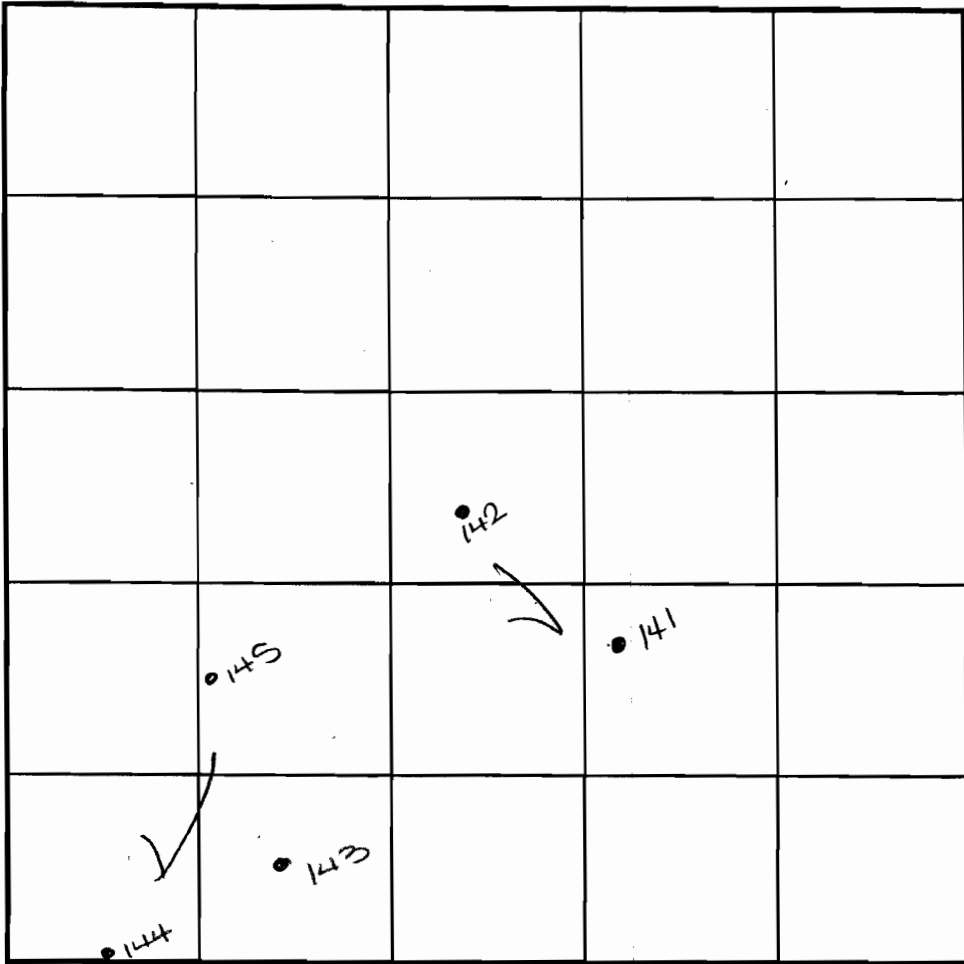
143

6" topsoil  
 3.5' red brn silty loam  
 pale org red brn silty loam  
 10% silt sh

SOIL PROFILE

145

0' topsoil  
 6" org brn silty loam  
 3.5' pale org silty loam  
 10% silt sh  
 13' 144  
 6" topsoil  
 3.5' br org silty loam  
 13.5' 510% silt sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-14-00	141	4.0'S	12:06	12:06	12:06	12:08	2
		13.0'D	visual	3m	profile		OK
	143	3.5'S	12:13	12:14	12:14	12:17	3
		13.0'D	visual	-see	profile		OK
	142	12.0'D	visual	-see	profile		OK
	144	13.5'D	visual	-see	profile		OK
	145	13.0'D	visual	-see	profile		OK

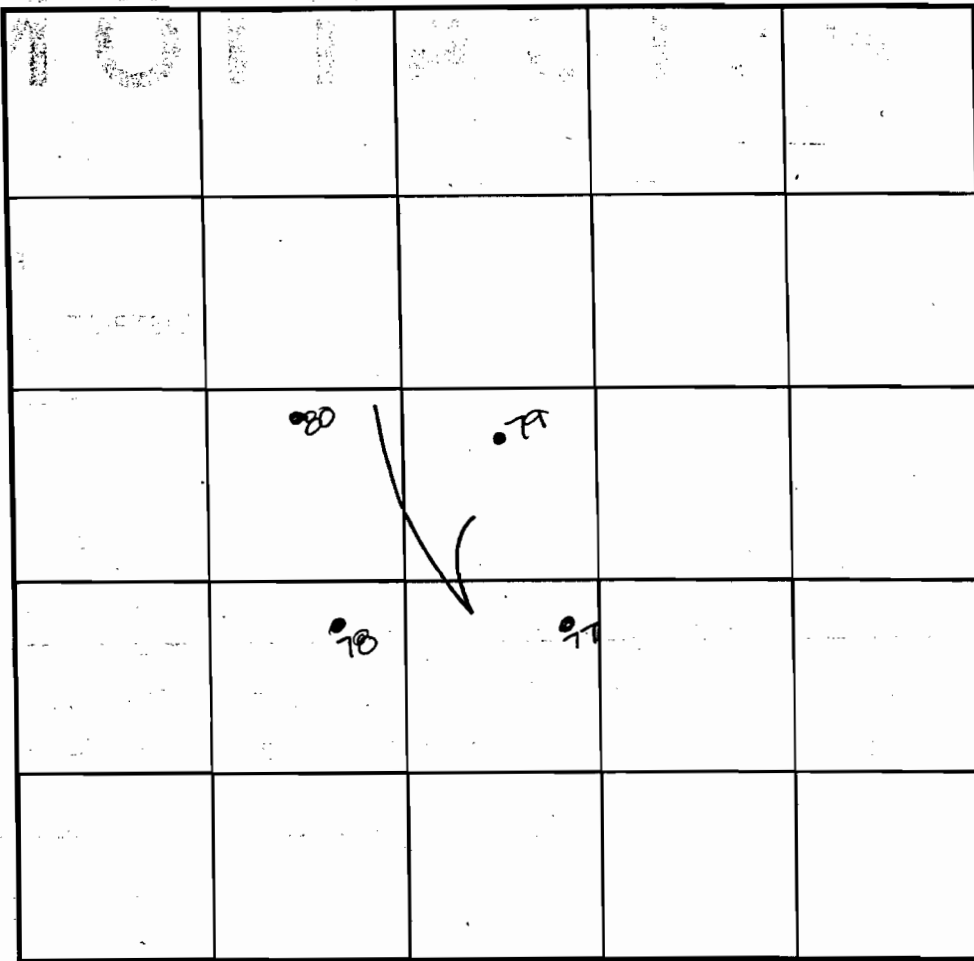
REMARKS: holes tested as staked

TYPE OF SOIL

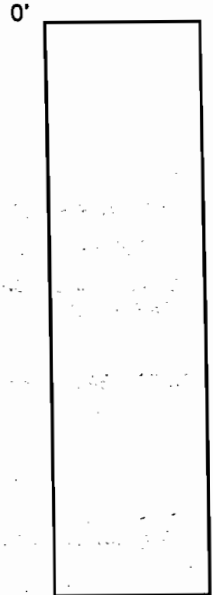
TESTED BY: DKS ALSO PRESENT: C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-3-00	77	3.5' S	12:32 <sub>2</sub>	12:33	12:33	12:38	2
		12.0' D	visual	- see	profile		OK
	79	12.0' D	visual	- see	profile		OK
	90	3.0' S	12:41 <sub>2</sub>	12:52 <sub>2</sub>	12:52 <sub>2</sub>	little slow	OK below
		13.0' D	visual	- see	profile		OK
	78	3.5' S	12:50 <sub>3</sub>	12:51 <sub>2</sub>	12:51 <sub>3</sub>	12:53 <sub>2</sub>	2
		12.0' D	visual	- see	profile		OK

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 \_\_\_\_\_

FILE 7/79  
 soil  
 soil  
 org bn  
 cl lm  
 med  
 org bn  
 sa mica  
 lm  
 w  
 25%  
 sapr  
 sh  
 12"  
 0"  
 6"  
 topsoil  
 med  
 red bn  
 cl lm  
 3.5'  
 4"  
 med  
 pk bn  
 sa mica  
 lm  
 13'bt  
 sapr  
 sh  
 13"  
 0"  
 6"  
 topsoil  
 org bn  
 sa cl lm  
 3.5'  
 3.5'  
 med  
 org red  
 bn  
 sa mica  
 lm  
 13'bt  
 sapr  
 sh  
 12"

COUNTY #

SOIL PROFILE 82

0' topsoil

6" org. brn sa. cl. lm

4' med red brn sa mica lm

15% sapt sh

2.5'

81

0' topsoil

6" org brn sa. cl. lm

3.5' med org brn sa mica lm

5' 48% sapt sh

84

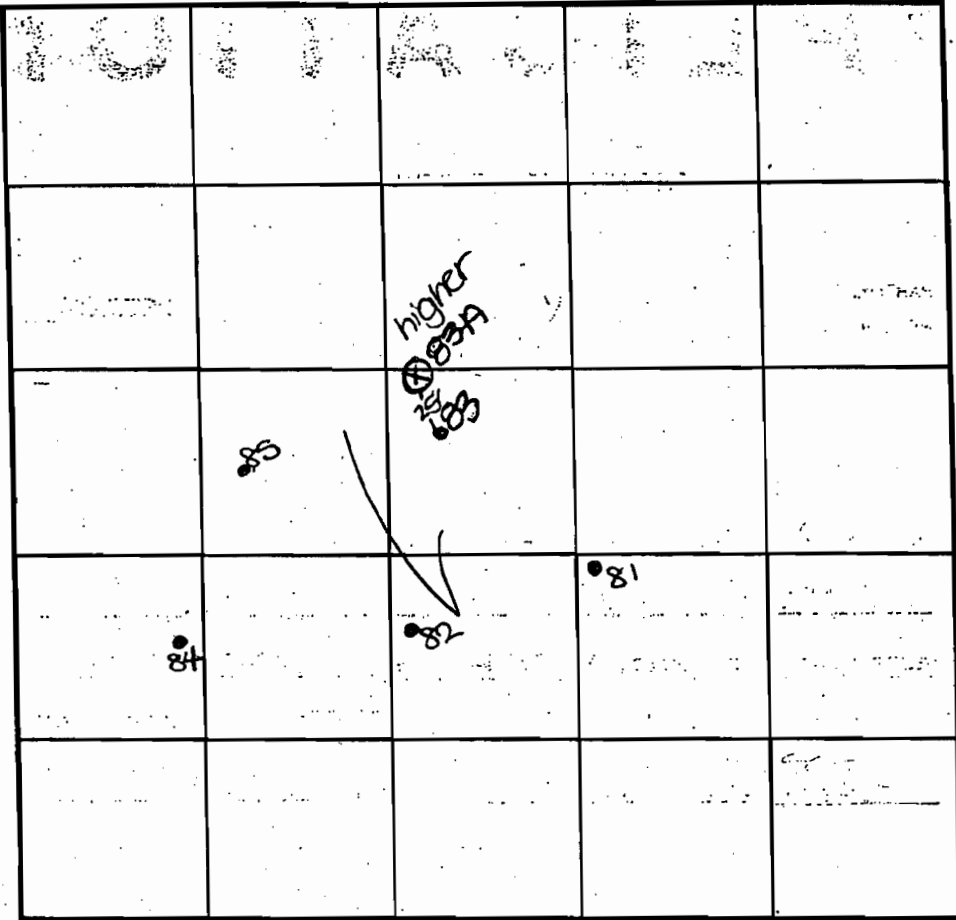
0' topsoil

6" org brn. cl. lm

3.5' pale org red tan sa mica lm

4' 15-20% sapt sh

12'



SOIL PROFILE 85

0' topsoil

6" org brn cl. lm

4' med org brn sa mica lm

20% sapt sh

40% sh

83A

0' topsoil

6" org brn sa. cl. lm

3' pale org red tan sa mica lm

11.5' 35% sapt sh

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-3-00	82	4.5' S	2:23	2:24	2:24	2:25	2
		12.5' D	Visual	- see	profile		OK
	81	3.0' S	2:30	test stopped - little slow			OK below
		11.5' D	Visual	- see	profile		OK
	84	12.0' D	Visual	- see	profile		OK
	83A	3.0' S	2:52	2:50 <sub>3</sub>	2:56 <sub>3</sub>	3:04 <sub>3</sub>	8
		11.5' D	Visual	- see	profile		OK
	85	11.0' D	Visual	- see	profile		OK
	83	8.5' D	Hard	bottom (100% R @ 6.5')			FAIL

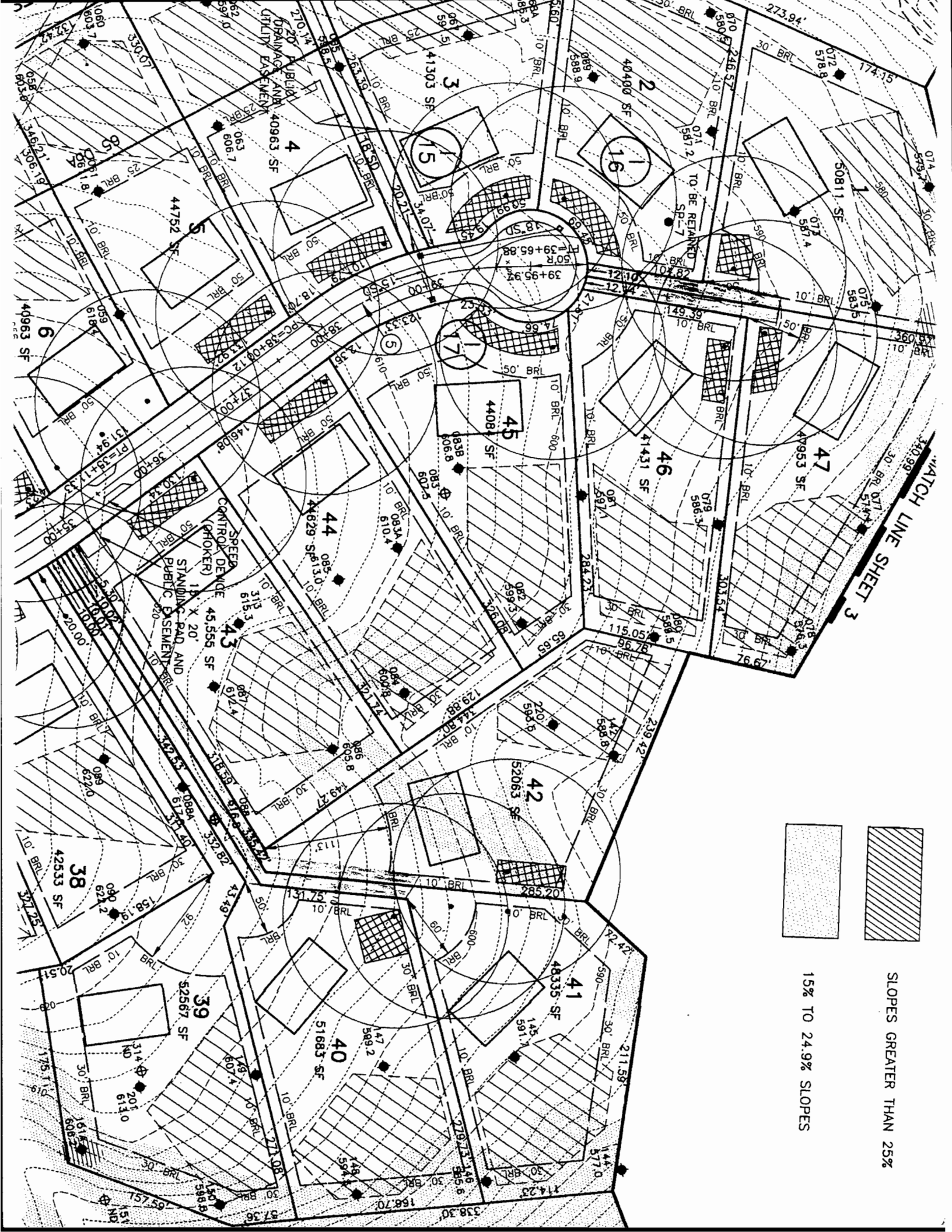
REMARKS: holes tested as stated except 83A

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

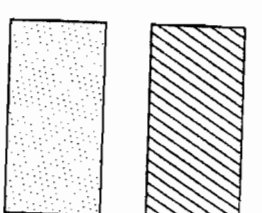
TESTED BY DKS ALSO PRESENT C. Zepp, T. Peaga

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

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



WATCH LINE SHEET 3



SLOPES GREATER THAN 25%  
 15% TO 24.9% SLOPES