

# APPLICATION

4/21/98  
5/19/98  
4/28  
5/22

## PERCOLATION TESTING

A 59915

P \_\_\_\_\_

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

56 LOTS  
EXISTING HOUSE(S) - W6005 - 5607165  
TO BE RECONSTRUCTED  
4 DAYS FOR PERCOLATION  
WET SEASON TESTING  
DISTRICT \_\_\_\_\_  
DATE 4/3/98  
4 DAY FOR  
FOLLOW-UP TESTING  
WILL PROBABLY SUBMIT  
IMPROVED PLAN/  
APPLICATION (W)

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

4/21 - 4/24  
9  
5/19 - 5/22

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ALFRED KNAPP

ADDRESS MONTICELLO AVE / SYKESVILLE PHONE 410-465-4242

AGENT OR PROSPECTIVE BUYER CLARK SPERRY / SOC GROUP

ADDRESS 8480 BALLERINA NOT. PIKE PHONE 410-465-4244

### PROPERTY LOCATION:

SUBDIVISION Knapp Prop. LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION M

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] SECURITY DIV.  
(SIGNATURE OF APPLICANT)  
STEVE SHIPK - TSA

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 \_\_\_\_\_

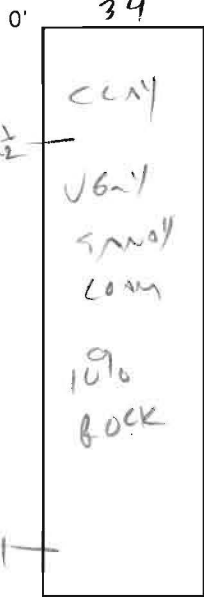
# THIS IS NOT A PERMIT

A59914/5

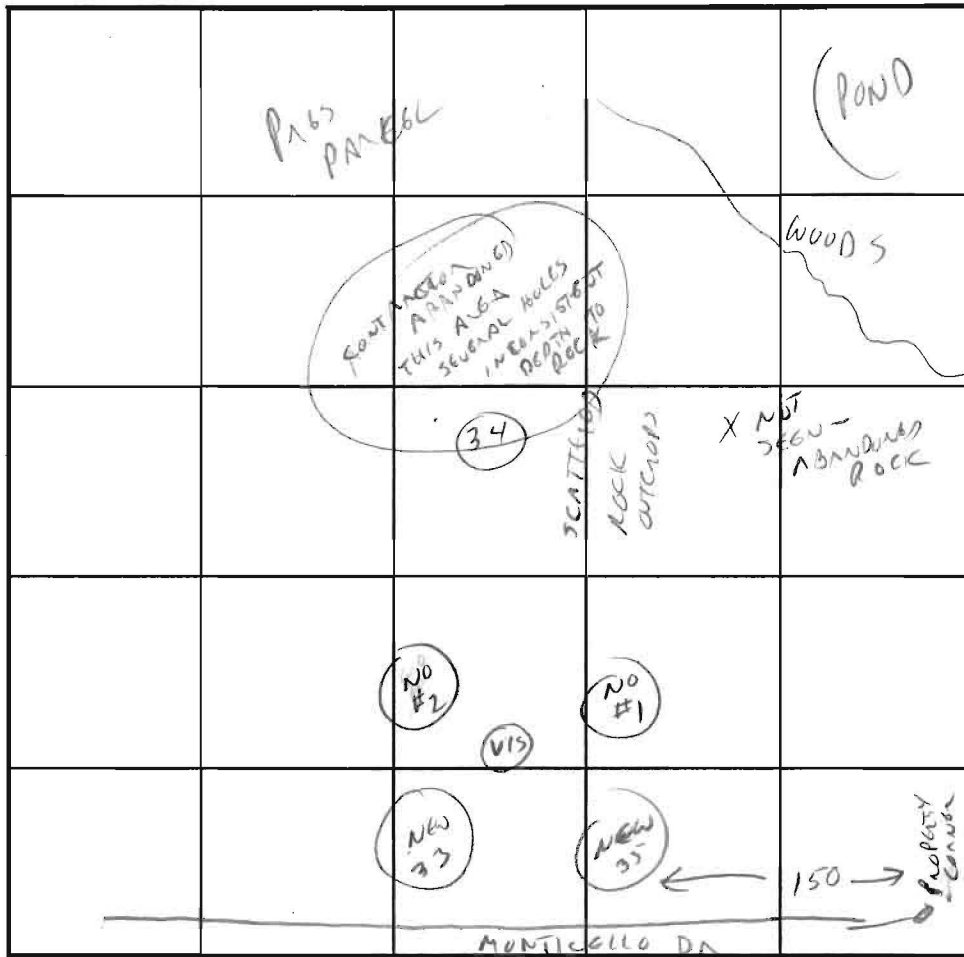
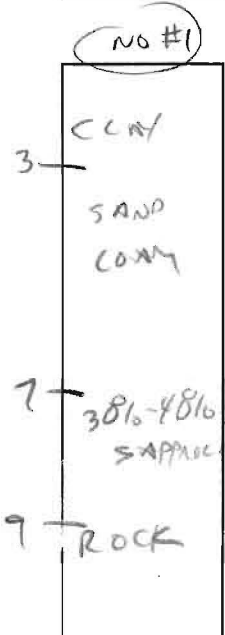
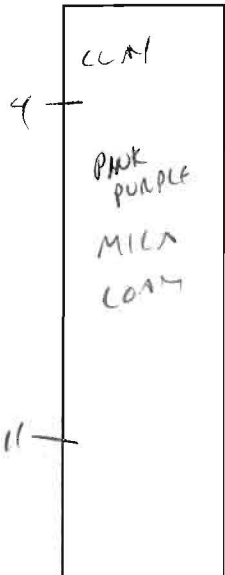
FNAPP SUBD.

COUNTY #

SOIL PROFILE

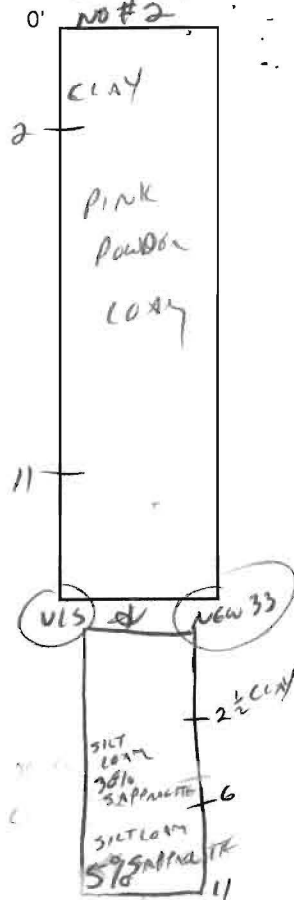


NW 35



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/24/98	34	3'	3:50	3:52	3:52	3:55	3 MIN
	NEW 35	5'	5:41	5:43	5:43	5:47	4 MIN
	NO #1	3 1/2'	5:43	5:45	5:45	5:47	2 MIN
			MARGINAL RE: DEPTH TO ROCK				
	NEW 33		5:49	5:52	5:52	5:56	4 MIN
	NO #2	3'	5:50	5:52	5:52	5:54	2 MIN

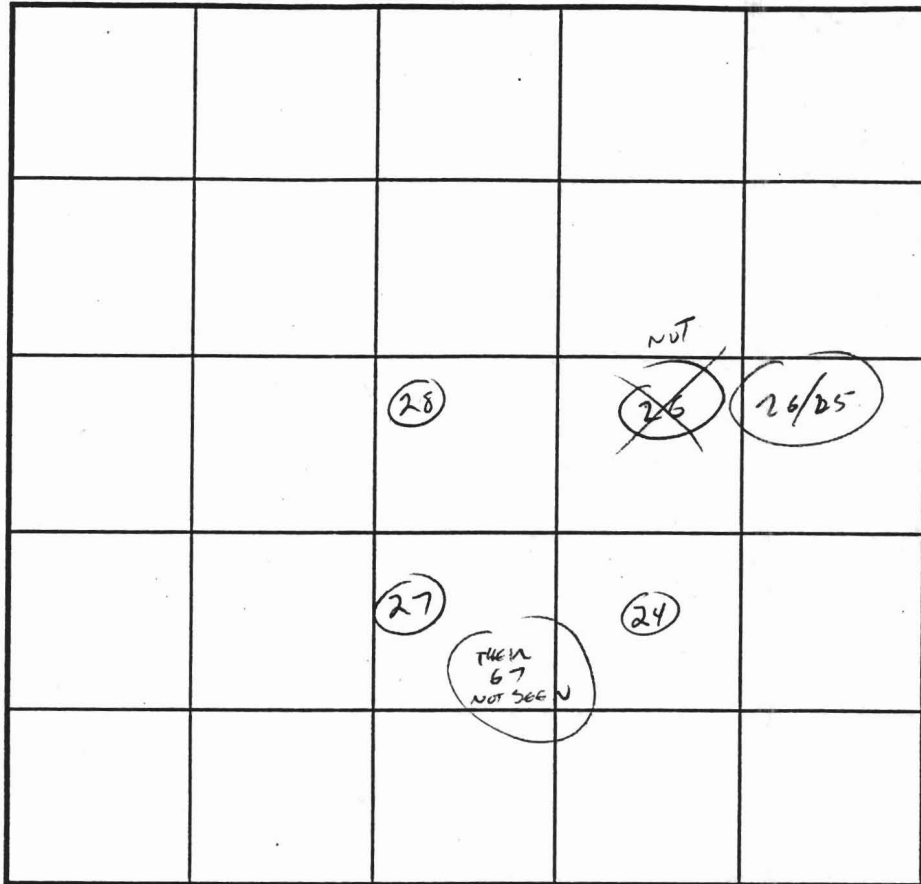
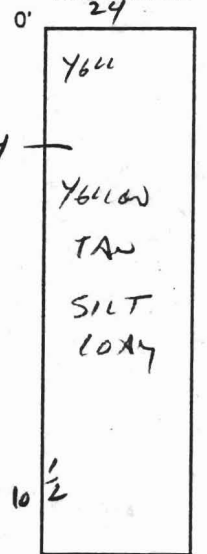
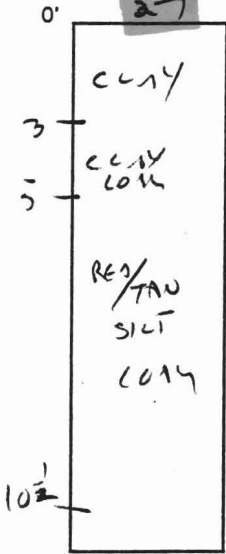
REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY C. Wills ALSO PRESENT SPERRY  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

A59914/5  
COUNTY #

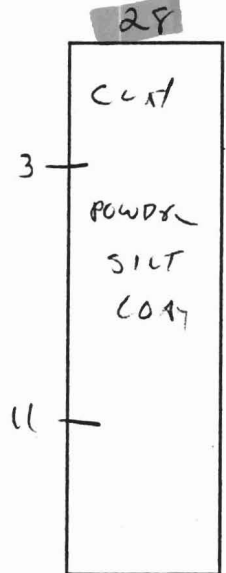
KNAPP SUBD.

SOIL PROFILE

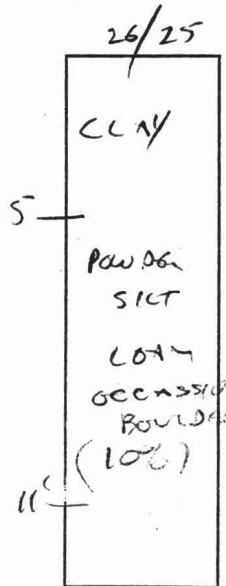
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/21	27	4	1:43	1:45	1:45	1:47	2 MIN
	28	4	1:44	1:45	1:45	1:46:30	1 1/2 MIN
	26/25	5	1:46	1:55	1:55	2:10	15 MIN
	24	3 1/2	1:48	1:51	1:51	1:57	6 MIN



REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY C. Willa ALSO PRESENT SPERRY  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

A59914/5  
COUNTY#

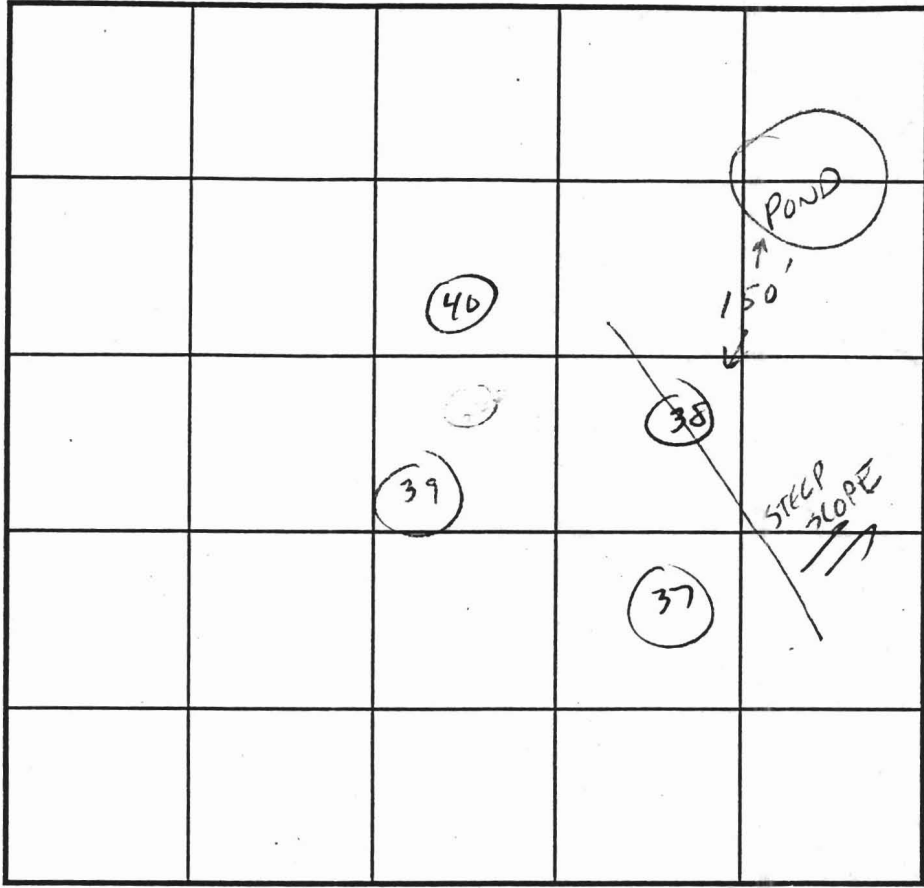
LOT 10

KNAPP SUBD,

SOIL PROFILE  
37  
0'  
CLAY  
2 1/2'  
MICA  
SILT  
LOAM  
5%  
BOULDER  
1 1/2'

38  
CLAY  
3 1/2'  
MICA  
LOAM  
FEW  
BOULDER  
10 1/2'

39  
CLAY  
3'  
PURE  
SILT  
LOAM  
11'



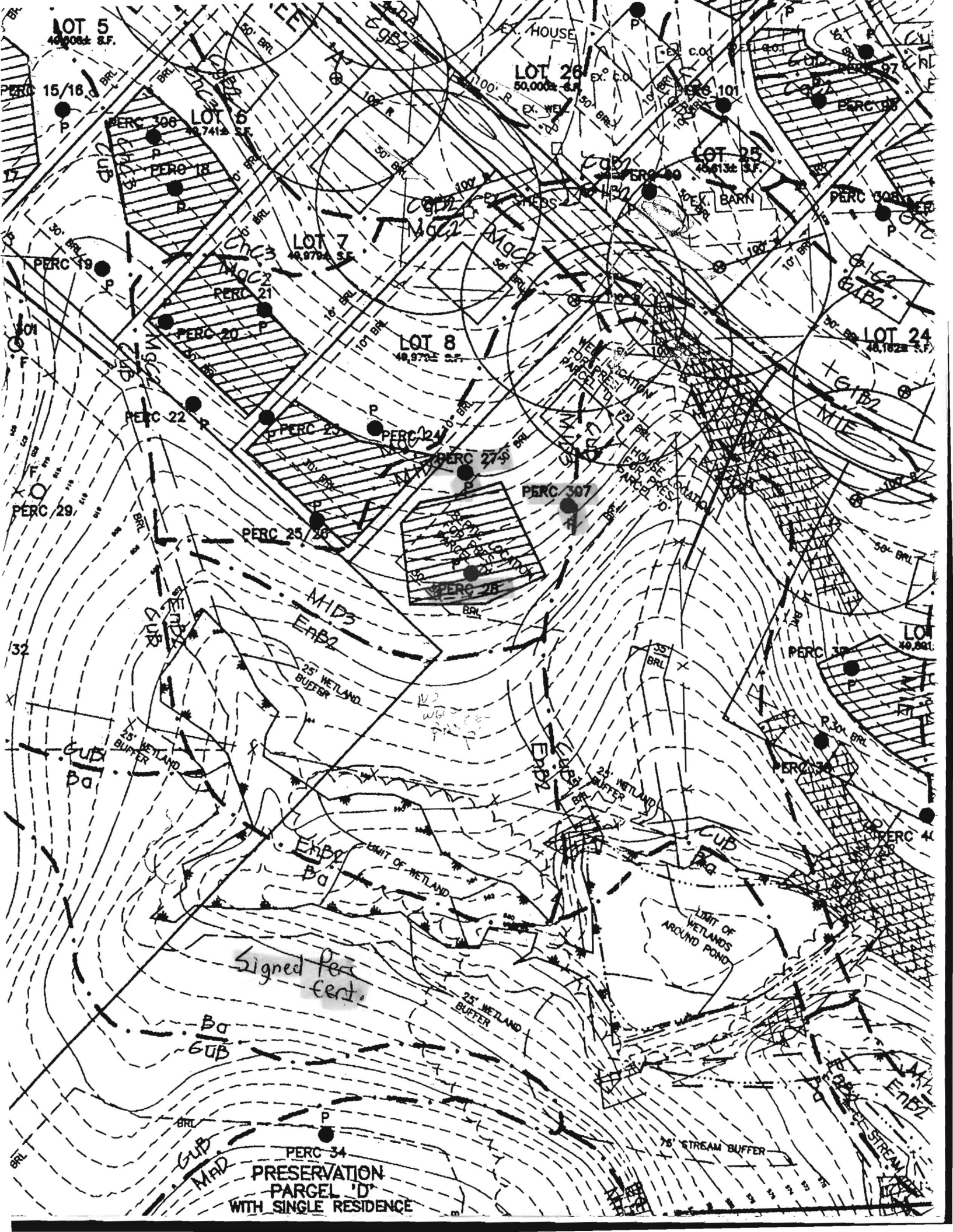
SOIL PROFILE  
40  
0'  
CLAY  
3 1/2'  
SANDY  
SILT  
LOAM  
20%  
ROCK  
2"-5" DIA  
11'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/21/98	37	3'	2:23	2:26	2:26	2:31	5 MIN
	38	3 1/2'	2:26	2:29	2:29	2:32	3 MIN
	* PULL	SCATI - AILEA BACK 25'	70 AUDI	STEEP SLOPE / SURFACE BOULDER			
	39	3	2:32	2:34	2:34	2:37	3 MIN
	40	4	2:28	2:30	2:30	2:32	2 MIN

REMARKS OCCASIONAL BOULDERS - BELOW IT SURFACE - SCATTERED, NO CAUSE-QUANCE

TYPE OF SOIL \_\_\_\_\_  
 TESTED BY C. Williams ALSO PRESENT SPERRY  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



LOT 5  
40,908± S.F.

LOT 26  
50,000± S.F.

LOT 6  
19,741± S.F.

LOT 7  
49,979± S.F.

LOT 8  
49,979± S.F.

LOT 25  
40,613± S.F.

LOT 24  
48,182± S.F.

LOT 40  
49,901± S.F.

Signed Perc  
cert.

PERC 34  
PRESERVATION  
PARCEL 'D'  
WITH SINGLE RESIDENCE

75' STREAM BUFFER

25' WETLAND  
BUFFER

25' WETLAND  
BUFFER

25' WETLAND  
BUFFER

25' WETLAND  
BUFFER

GUB  
Ba

GUB  
MAD

GUB  
Ba

GUB  
Ba

32

17

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A59914/5

KNAPP SUBD.

COUNTY #

SOIL PROFILE

0' 41-

CLAY

3 1/2' MICA SILT LOAM

FEW ROCKS

20% ROCK

12'

42+44

3'

CLAY

SANDY SILT LOAM

10% SAND

10 1/2'

43-45

4 1/2'

CLAY

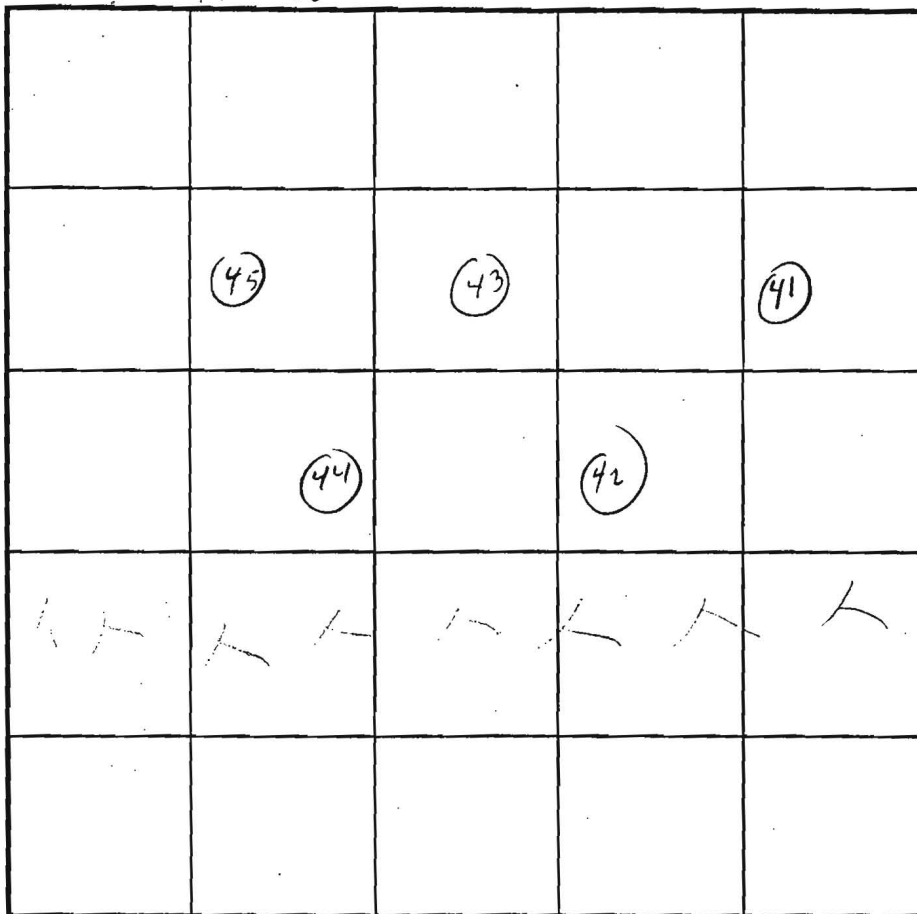
(occasional bow (20%)

SILT LOAM

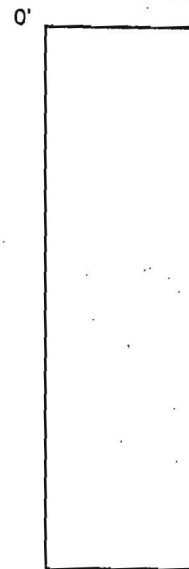
(0%)

SANDY

11'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/24/98	41	4	1:56	1:59	1:59	2:03	4 MIN
	42	4	1:56	1:58	1:58	2:00	2 MIN
	43	4 1/2	1:57	2:01	2:01	2:06	5 MIN
	44	4 1/2	2:00	2:02	2:02	2:05	3 MIN
	45		2:01	2:04	2:04	2:09	5 MIN

REMARKS \_\_\_\_\_

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

TESTED BY C. Wilkins ALSO PRESENT SPERRY

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

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