

# APPLICATION

PERCOLATION TESTING

A 515042

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

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 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

515042

COUNTY #

SOIL PROFILE

0' (597)  
 Strong yell brn  
 Strongy brn  
 Micaceous  
 CLM  
 ~5% Frag

3' tan, med brn  
 micaceous  
 Loam

light tan, br, rd, wh  
 Sand  
 structured  
 hard saprolite  
 rock

20' 10' up hill  
 25% 15%  
 Frag

down  
 hill

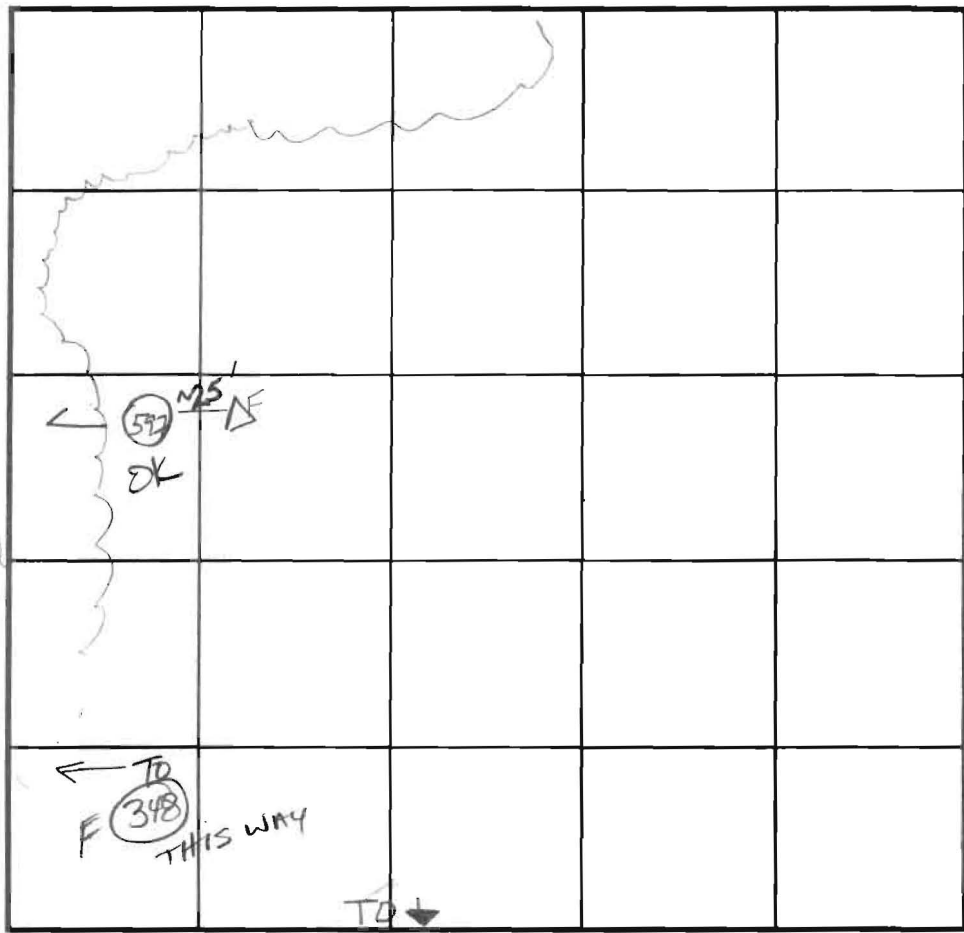
(348)

org brn  
CLM

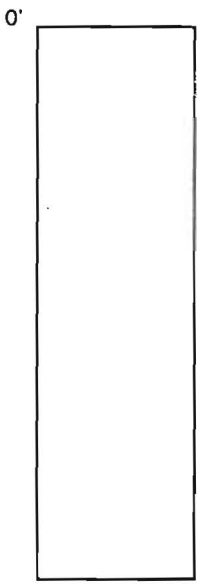
Br  
gray Rx 10%  
S mica

SAND

40% -  
50%  
structured  
Frag  
H. bottom



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/17/02	597	5' 7'	10:54:12	11:08:45	11:08:45	11:30	22 min OK	
		13 1/2' OR	DEEP SHELF FOR FURTHER REVIEW PUSH SDA TO SOUTH					
	348	Visual	Excessive Rx				F	

REMARKS Hoks per plan

TYPE OF SOIL

TESTED BY MR/KG ALSO PRESENT Chuck Crovo

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

COUNTY #

SOIL PROFILE  
649/650

0' - topsoil

1' - med org  
brn  
cl Lm

4.5' - org beige  
sa mica  
Lm

10-15%  
rock

14'4"

0' - 651  
topsoil

1' - org brn  
cl Lm

4'-  
d.5' - lt brn  
sa mica  
Lm

10% rock

14'5"

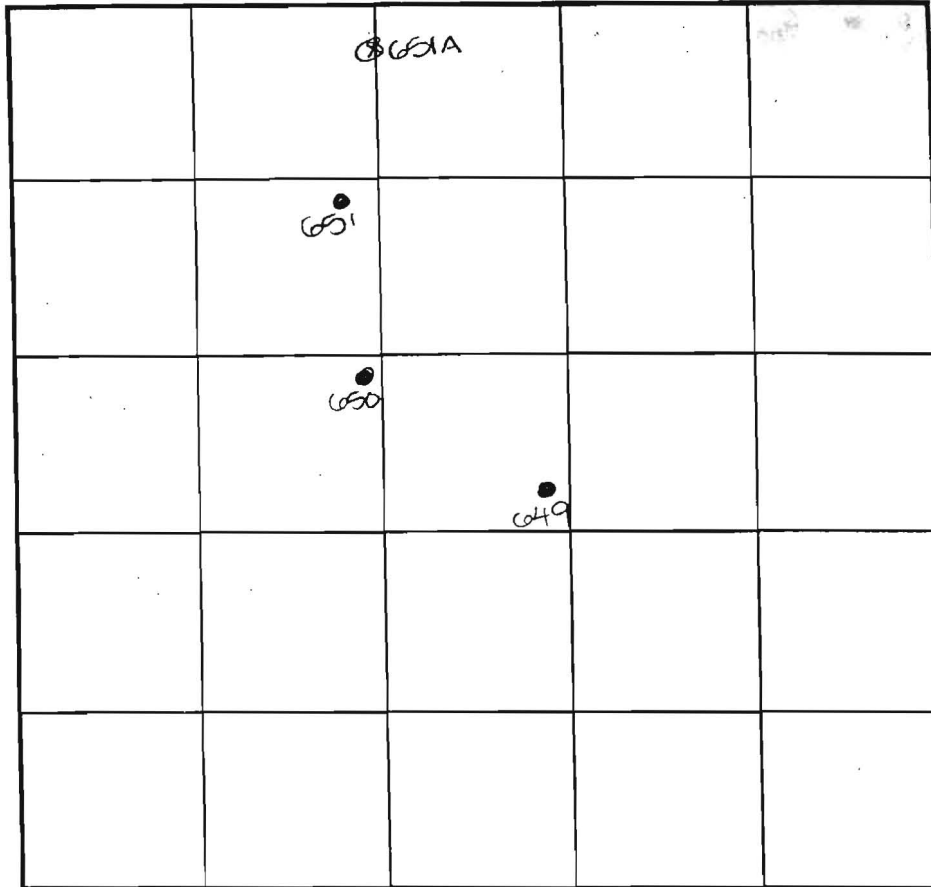
0' - 651A  
topsoil

1' - brn  
cl Lm

4' - med  
org brn  
sa mica  
Lm

10-15%  
rock

15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5-20-01	649	4.5' S	2:04	2:07	2:07	2:10	4
		14'4" T	Visual	- see	profile		OK
	650	4'8" S	2:06	2:30	2:30	little slow	OK
		14'0" D	Visual	- see	profile		OK
	<del>651</del>	4.5' S	2:10	2:13	2:13	5:17	<del>4</del>
		14.5' D	Visual	- see	profile		OK
	651A	4.5' S	2:20	2:20	2:20	2:22	2
		15.0' D	Visual	- see	profile		OK

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_ DUE TO DROUGHT CONDITIONS,  
 TESTED BY DVC APPROVABLE HOLES MUST HAVE 8  
 TRENCH DESIGN DA' FEET FROM OBSERVED  
 INLET DEPTH \_\_\_\_\_ GROUNDWATER TO BOTTOM OF  
 PROPOSED SEPTIC SYSTEM

ALSO PRESENT M. Johnson & crew  
owners  
 TRENCH WIDTH \_\_\_\_\_  
 SO. FT/BEDROOM \_\_\_\_\_

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ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

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SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

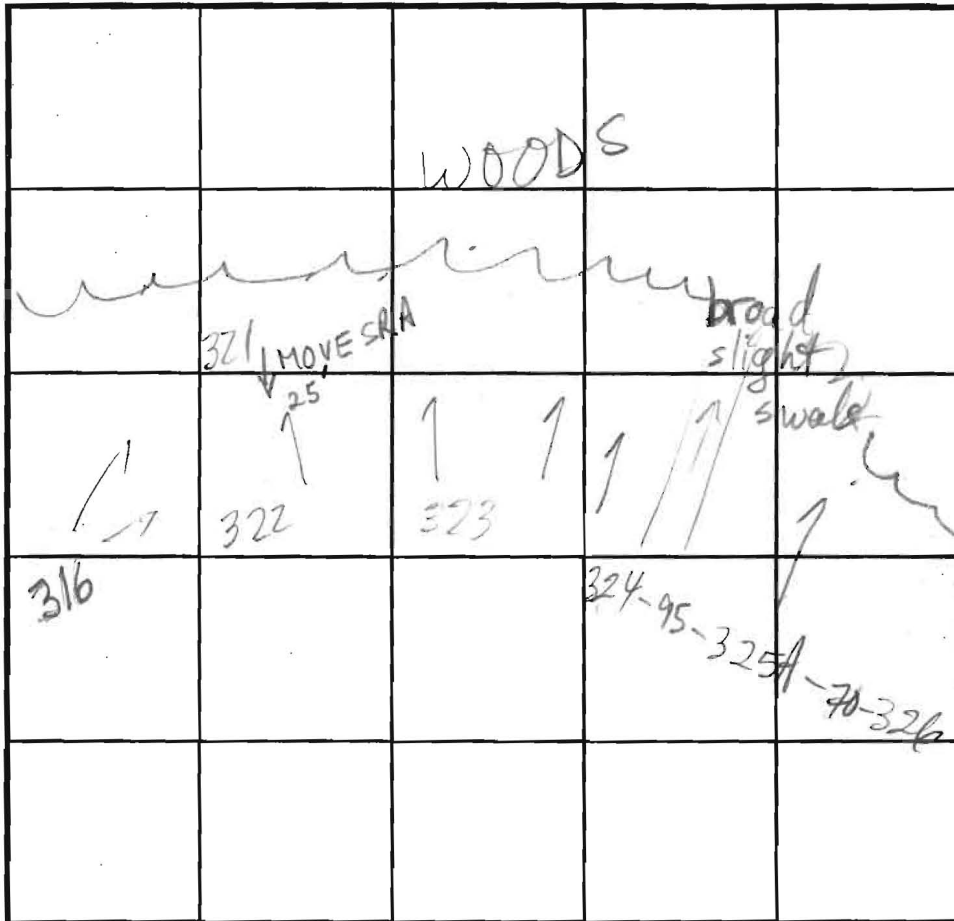
0' 316  
 brn red  
 cl lm  
 5-20%  
 frags  
 4 gray wh.  
 sand  
 20-25% fr  
 6 brn tan  
 sa m  
 15-20% fr  
 10 brn tan  
 sa lm  
 10-15% fr  
 14

321

brn tan  
 sacl lm  
 tan gray  
 wh sa  
 25  
 20%  
 frags  
 10  
 tan sa m  
 15-20% fr  
 13 1/2 HARD BOT

322

brn  
 sacl lm  
 10-35%  
 frags  
 brn  
 sa m  
 10-35%  
 frags  
 13 HARD BOT



SOIL PROFILE

0' 323  
 brn  
 sacl lm  
 3-3 1/2 tan  
 gray sa  
 35-40%  
 frags  
 10-15%  
 frags  
 UPHI  
 10  
 20-25%  
 frags  
 13 1/2  
324 325A  
 brn sacl lm  
 15-20% frags  
 brn tan  
 gray sa m  
 10-15%  
 frags  
 13 1/2  
 14

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/31/51	<del>316</del>	6' / 14	10:25	10:26	10:26	10:27	7	MARGINAL
	321	4' / 13 1/2	10:28	10:30	10:30	10:33	3	OK
	322	5 1/2' / 13	10:31	10:39	10:39	10:53	14	OK
	323	4 1/2' / 8 1/2' / 13 1/2	10:38	10:42	10:42	10:45	3	OK
	324	5' 3" / 14	11:22	11:24	11:24	11:27	3	OK
	326	5' / 14 1/2	10:49	10:50	10:50	10:52	2	OK
	326	5' / 14 1/2	10:55	10:58	10:58	11:04	6	OK
	325A	13 1/2'	3 1/2' cl	ADJUSTED FROM PLAN LOC				OK

REMARKS 325A NOT PER PLAN; OTHERS PER PLAN

TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Mark Kifkin ALSO PRESENT Chuck Crovo  
Mike J. & crew  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

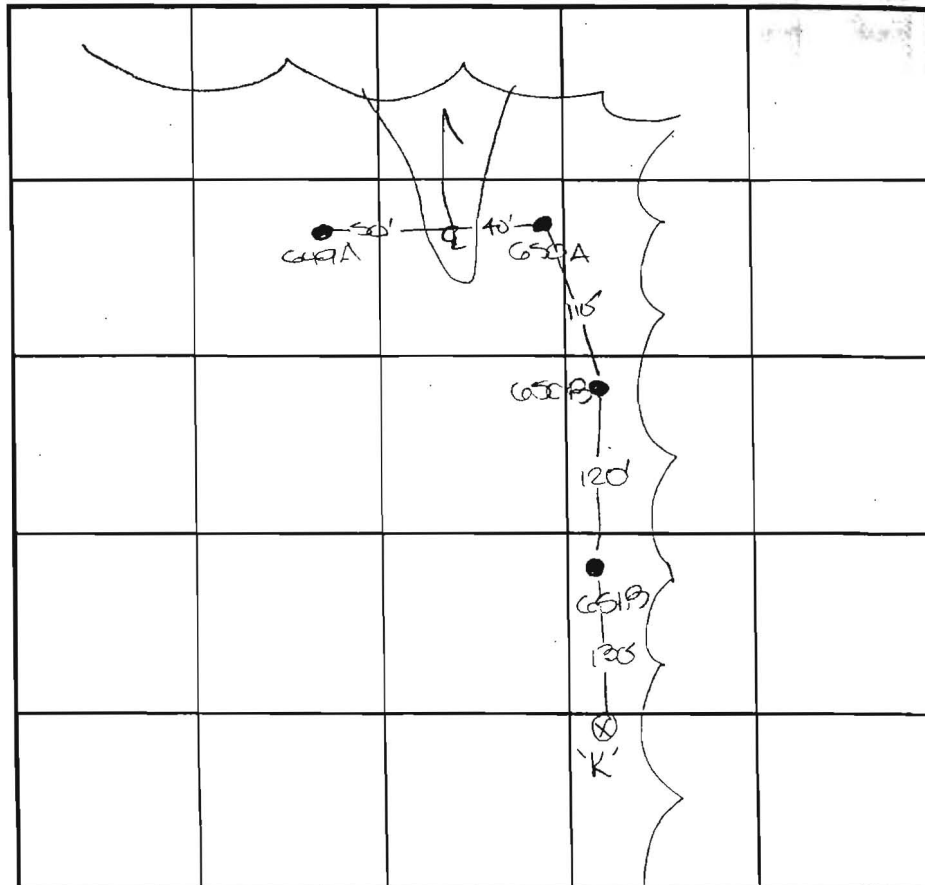
COUNTY #

SOIL PROFILE

649A  
 0' topsoil  
 1' red brn cl Lm  
 3.5' ———  
 4' 14 brn si mica Lm  
 15%+ rock

650A  
 0' topsoil  
 1' dg red brn cl Lm  
 4' ———  
 bridge  
 si mica Lm  
 15-28% rock

650B  
 0' topsoil  
 14" dg red brn cl Lm  
 4' ———  
 org brn si mica Lm  
 15% rock



SOIL PROFILE

651B  
 0' topsoil  
 1' red org brn cl Lm  
 4' ———  
 org brn si mica Lm  
 28% rock

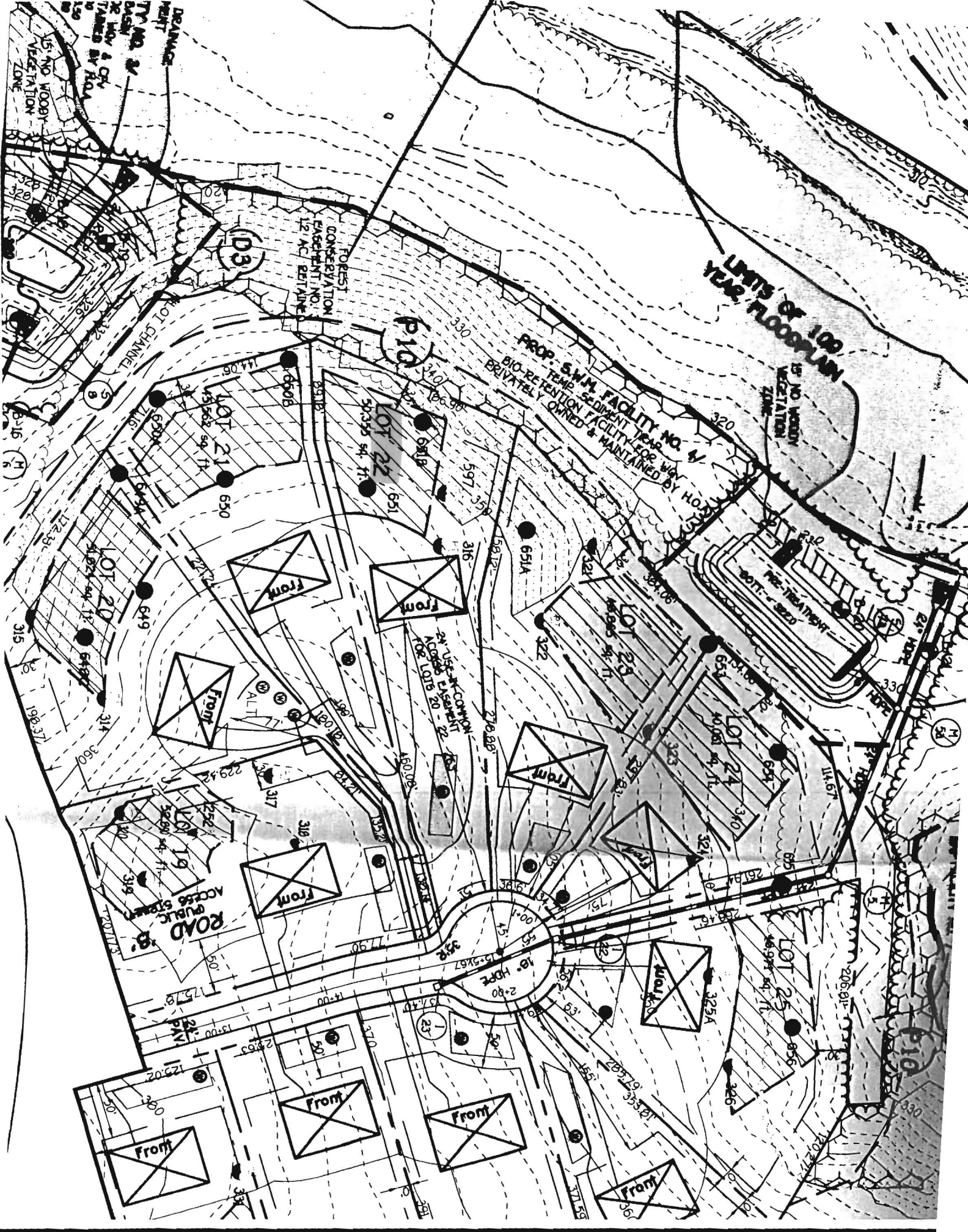
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-12-01	649A	5.0'S	2:58 <sub>2</sub>	3:01 <sub>2</sub>	3:01 <sub>2</sub>	3:04 <sub>2</sub>	3
		15.0'D	Visual	-See	profile		OK
	650A	5.0'S	3:02 <sub>2</sub>	3:04 <sub>2</sub>	3:04 <sub>2</sub>	3:06 <sub>2</sub>	2
		14'8" D	Visual	-See	profile		OK
	650B	5.5'S	3:06 <sub>2</sub>	3:07 <sub>2</sub>	3:07 <sub>2</sub>	3:12 <sub>2</sub>	5
		13.0'D	Visual	-See	profile		OK
	651B	5.0'S	3:10 <sub>2</sub>	3:18 <sub>2</sub>	3:18 <sub>2</sub>	3:25 <sub>2</sub>	7
		13.0'D	Visual	-See	profile		OK

REMARKS NOT STARTED BY ENG.

TYPE OF SOIL \_\_\_\_\_ DUE TO DROUGHT CONDITIONS,  
 TESTED BY DKC APPROVABLE HOLES MUST HAVE 8  
 TRENCH DESIGN DATA: A FEET FROM OBSERVED  
 INLET DEPTH \_\_\_\_\_ GROUNDWATER TO BOTTOM OF  
 PROPOSED SEPTIC SYSTEM

PRESENT M. Johnson & cre  
Owners  
 TRENCH WIDTH \_\_\_\_\_  
 1 FT/BEDROOM \_\_\_\_\_



DRAINAGE WITH  
TT NO. 17  
RE MOY & CV,  
TRAINED BY RDA  
15' NO WOODY  
VEGETATION  
ZONE

FOREST  
CONSERVATION  
EASEMENT NO. 12  
AC RETAINED

PROP. SWM FACILITY NO. 4  
BIO-RETENTION FACILITY FOR  
PRIVATELY OWNED & MAINTAINED BY HOA

UNITS of 100  
YEAR FLOODPLAIN

50' NO WOODY  
VEGETATION  
ZONE

LOT 21  
LOT 20  
LOT 19

LOT 22

LOT 23

LOT 24

LOT 25

ROAD 8  
PUBLIC ACCESS STREET

Front

Front

Front

Front

From

From

From

From

From

From

From

15' NO WOODY  
VEGETATION  
ZONE

50' NO WOODY  
VEGETATION  
ZONE

ROAD 8  
PUBLIC ACCESS STREET

Front

Front

Front

Front

From

From

From

From

From

From

From

15' NO WOODY  
VEGETATION  
ZONE

50' NO WOODY  
VEGETATION  
ZONE

ROAD 8  
PUBLIC ACCESS STREET

Front

Front

Front

Front

From

From

From

From

From

From

From