

APPLICATION

PERCOLATION TESTING

A 514921
P 514956

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

DISTRICT _____

DATE 2/6/01

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 Arnold Sewell

ADDRESS 13000 Old Fredrick Rd Sylresville, MO. 21784-3014 ZIP
West Friendship PHONE _____

AGENT OR PROSPECTIVE BUYER Dan Richter - ~~Partner~~ Cary Cumberland Viking Dev

ADDRESS 13898 Forsythe rd. Sylresville, MO 21784. PHONE 410-489-0319

PROPERTY LOCATION:

SUBDIVISION Wilson Property. LOT NO. _____

ROAD AND DESCRIPTION 13000 Old Fredericks Rd.

40.2 Acre 20 lot subdivision / TAX map listed AS Wilson Prop.

TAX MAP 9 PARCEL # 301

SIZE OF LOT 40 acre 20 1 Acre lots. TYPE BLDG. Single family.
(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]
(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

0' 65A/66A/67A

4
 13' 4" - 13' 1/2"
 1263

orange
 pink
 sacl 1m

pink
 tan
 brn
 sa 1m

10% frags

4
 5
 7
 13

orange
 brn
 cl 1m

brn orange
 sa 1m

30% frags

15-20%
 frags

1262A

3 1/2

14

brn
 cl 1m

brn red
 sa 1m

10%
 frags

H₂O

SOIL PROFILE

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INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/14/01	1266A	5 1/2	3:24	3:26	3:26	3:29	3	
	1266A	13' 4"	OK see profile					
	1267A	5	3:25	3:26	3:26	3:28	2	
	1267A	13 1/2	OK see profile					
	1265A	4' 10"	3:30	3:32	3:32	3:35	3	
	1265A	13 1/2	OK see profile					
	1264A	5	3:37	3:42	3:42	3:51	9	
	1264A	13 1/2	H ₂ O @ 13' 4"					
	1262A	4' 4" / 14	3:43	3:47	3:47	3:51	4	
	1263	4 1/2 / 13	3:49	3:51	3:51	4:01	10	

REMARKS _____ DUE TO DROUGHT CONDITIONS, APPROVABLE HOLES MUST HAVE 8 FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF TRENCH DESIGN DATA: AVE PROPOSED SEPTIC SYSTEM

TESTED BY M. R. Pitkin

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

_____ M. Johnson
 _____ R. Ricker, C. Cumberland
 TRENCH WIDTH _____

COUNTY #

SOIL PROFILE

0'

(260) tan brn
scllm

4'

brn
yeltan
sasil m

(3 1/2')

10%
frags

1259

brn
org
siallm

4-
4 1/2'

yeltan
w/red
streaks
silm

10% frags

14'

1255 1255A

brn
red
sacilm

9'

brn
sailm

10%
frags

12-13

DUE TO DROUGHT CONDITIONS,
APPROVABLE HOLES MUST HAVE 8
FEET FROM OBSERVED
GROUNDWATER TO BOTTOM OF
PROPOSED SEPTIC SYSTEM

G ROADWAY AS BASE LINE.

SOIL PROFILE

0'

1255A
brn red
sacilm
15-30%
fr

4 1/2'

tan
brn
sailm

10-15%
frags

12

1257A

brn red
sacilm

brn sailm
10% frags

H₂O

14 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/14/01	1260	5 1/2	4:01	4:08	4:08	4:18	10	
	1260	13 1/2	OK see profile					
	1259	5	4:09	4:16	4:16	4:23	7	
	1259	14	OK see profile					
	1257A	5	4:14	4:17	4:17	4:22	5	
	1257A	14 1/2	H ₂ O @ 14 1/2 - OK					
	1255	5	4:25	4:27	4:27	4:29	2	
	1255	13	OK see profile					
	1255A	5 1/2	4:29	4:31	4:31	4:37	6	
	1255A	12	OK see profile					

REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

TRENCH WIDTH

SO. FT/BEDROOM

M. Rittkin

M. Johnson

D. Ricker, C. Cumberland

COUNTY # _____

SOIL PROFILE 1267

0' heavy orge + yel cl lm

5-6 heavy mica silt

10 WATER

1264/62

3-3 1/2 orge red sid lm

brn red yel sa si lm

10/6 frags

82-9 1/2 CAVE IN CAVE IN

12 H2O

12 1/2

1261

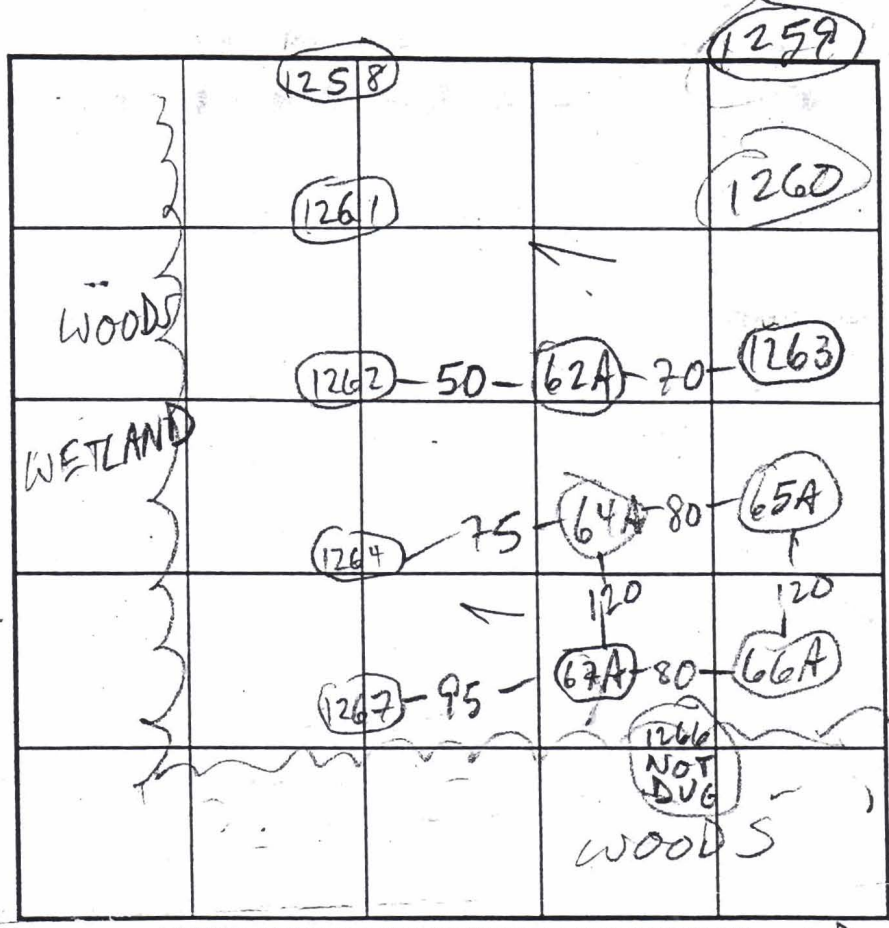
3 1/2-4 orge brn sid lm

brn sa si lm

10/9 frags

13 1/2 H2O

14



SOIL PROFILE 1258

0' orge brn sacl lm

3 tan gray beige sa mica loam w/ some blk frags

11 UNCERTAIN IN MOTTLES

12 H2O

13 1/2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. OLD FRED.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/01	1267v	11 1/2	H ₂ O @	10' cl	TO 5'	FAIL	
	1264s	4 1/2	11:21	11:26	11:26	11:34	8
	1264v	12	H ₂ O @	12'		FAIL	
	1262s	4	11:30	11:33	11:33	11:39	6
	1262v	12	H ₂ O @	10 1/2'		FAIL	
	1261s	4 1/2	11:43	11:46	11:46	11:53	7
	1261v	14	H ₂ O @	13 1/2'		OK	
	1258	4	11:50	11:53	11:53	12:00	7
	1258	13 1/2	H ₂ O @	12'	KEEP ESMT 25-30'		
	1258		FAIL				AWAY

REMARKS ALL HOLES EXCEPT 62A-64A-65A-66A-67A PER PLAN

TYPE OF SOIL _____

TESTED BY M. Ripkin

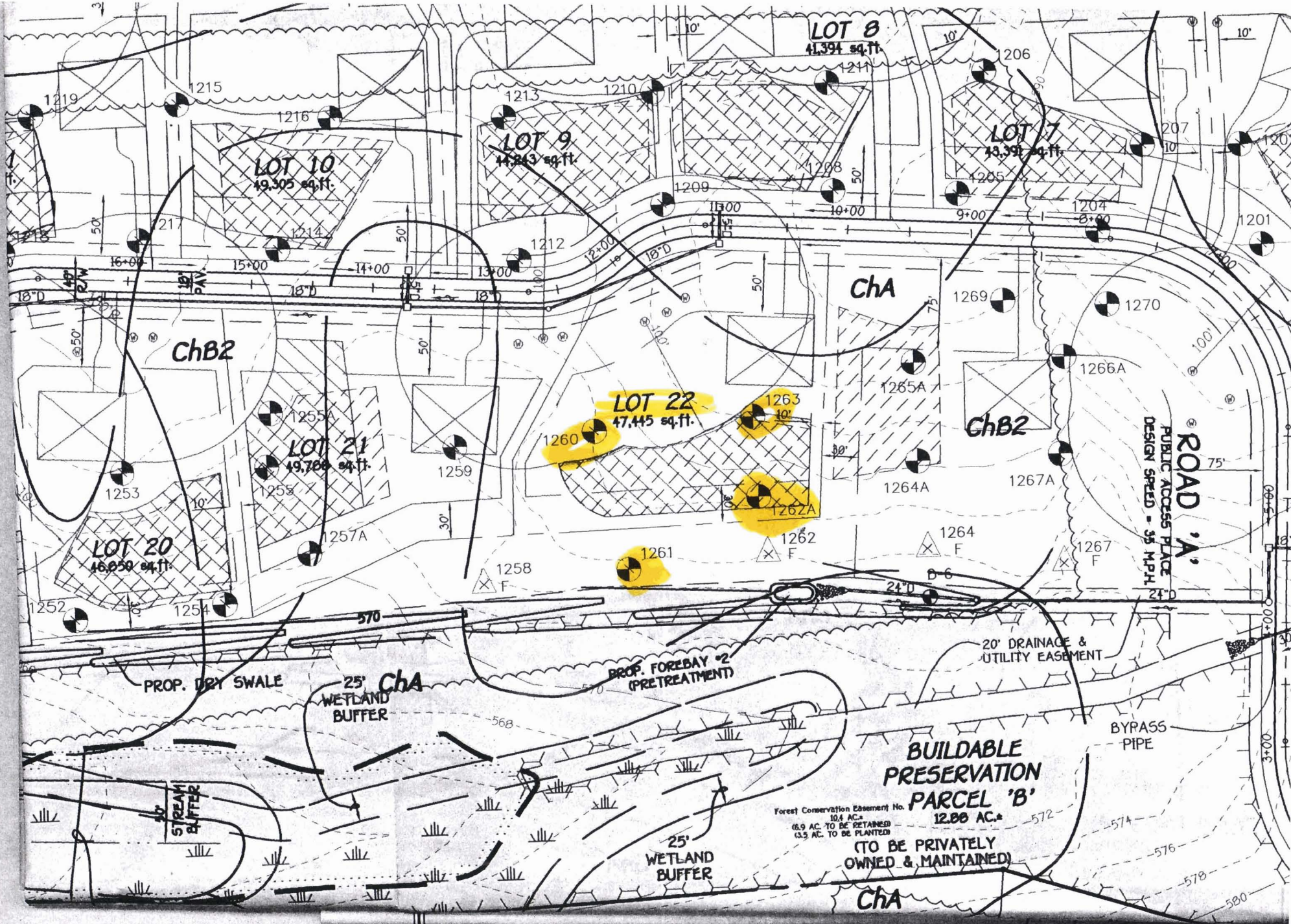
TRENCH DESIGN DATA: APPROVABLE HOLES MUST HAVE 8 FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF PROPOSED SEPTIC SYSTEM

PRESENT M. Johnson

D. Ricker, C. Cumberland

TRENCH WIDTH _____

BEDROOM _____



Copy of signed perc cert
 4/21/03