

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Maria E. Humphries

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Coleman-Leach LOT NO. 66-7A and 7B ^{Lot} 2

ROAD AND DESCRIPTION Triadelphia Mill Rd

TAX MAP 27 PARCEL # 96

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 _____

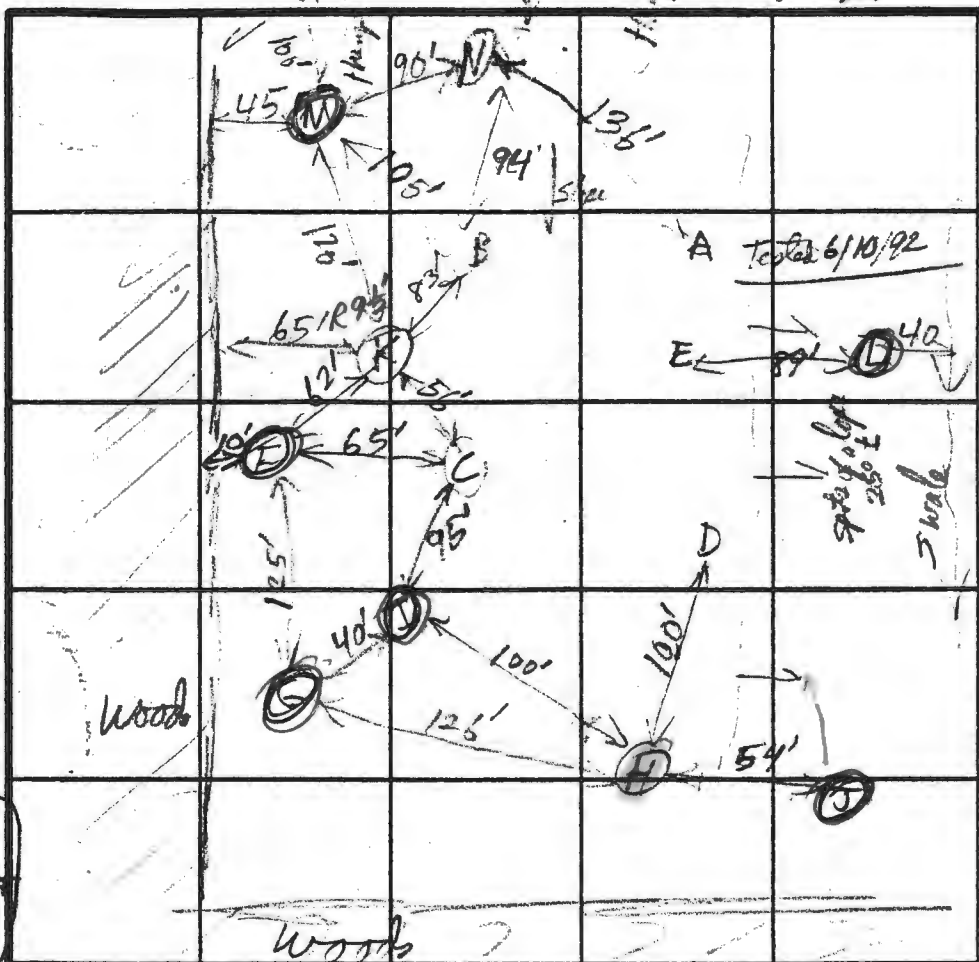
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Page 2



Hole #
Red Bra Chassis
Lawn (mic)
2 - Burn (P. 5) R
mic lawn - 51
- Saw 3rd th.
- Red bottle.
{ Some Folst L.
patches @ 4-6
- Thick black
gritty slaw
6 - Mid Burn Mic
- 51

Hole K
Similar to
Hole B
but 80%

Hole F

SOIL PROFILE

0

6" dk Gray BrkL

orange Sill

16" mica 2L shk

Mix 3a/6ay

olive Brn

Holia base

S:CL

24" Red/brown

Red Brn

m 2L shk

hSIL-SILL

mica Sparite

Massive

54" olive Brn S:CL

2CL & gray (10% K 5/2)

+ H. Brn. Mottled

lense

6 1/2" brown Sand, CL

Neutral dark Red Brn

mixed - 4600

8 1/2" Stones

olive Brn M 10

2 Red Brn, Str

Stones

22d gray M 10

Stones

orange SILL-SIL

Mottled

Loam

-HL

24" 1/2" dk clay flms - 4600

Stones

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-12-72	(F)	@ 6'	10:22:00	10:52	only 1/2" in 30 min	(Too Slow)	
		1/12'	color-				
			suspect seepage				
	(G)	@ 3'	10:24:00	10:40	10:40	11:16 (Fail) 365m	
		1/9'	Water seepage at 8 1/2'				
			(G @ 2-3' lower elevation than				
	H	@ 2 1/2'	10:30:00	10:32:30	10:32:30	10:36:00 2 1/2 m	
		1/10'					
	(I)	1/12' with 1/2" water @ 12'					
		@ 4'	11:29	11:54'	11:54	12:34 40 m	
	(J)	Thick Veins of Vertical Mica Rock (Surface & Recharge)				(Fast)	
	K	1/12' @ 3'	11:51	11:57	11:57	12:02 5 min	

1st Tan c 102d grey 10%
 (10YR 5/4) Hic
 Mottle SiCL
 2nd Hic Mica SiCL
 grey
 (10YR 7.5-8/1)
 c 1/2 p orange &
 on Mottle
 4th Dark Mid Brn
 7 Dark Rd / BLK stained
 Mottles & f
 Loam - hL
 2 f sbk open
 very porous
 m fr & some stone
 10%
 9th Holst Red Brn SiCL
 2nd grey Tan / Pld green
 10% K. 102 Mottle
 SiCL dense
 4th white Mica Tale
 Silt layer (V. Moist)
 5th Neutral Olive Brn
 to Red Brn Mixed
 hL c 1/2 f Blk Mottle

Search
Text

old to
last ser.

54)

Search
Text
only

REMARKS

TYPE OF SOIL

TESTED BY

Manor/Glenville Shallow system only because of variable bedrock depth and fast paces therein.

ALSO PRESENT

APPLICATION

Page 1
A 19459
P 48146B

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE. 461-9933

PERCOLATION TESTING

PREVIEW OK

NO FEE REQ'D.

PREVIOUS SUCCESSFUL
TEST HISTORY

H.D. REQUESTS CO-FIRM W/ TESTS
TO CONFIRM APPROVED LOCATION,
(W)

DISTRICT _____

DATE 5-12-42

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MARIA E. HUMPHRIES

ADDRESS 6465 ROXNALL COURT. GLENWOOD PHONE 854-6465
MD. 21738

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION COLEMAN - LEARCH LOT NO. Find 7B
7A (Retest)

ROAD AND DESCRIPTION TRIADDELPHIA MILL RD. WEST OF Kalmia Drive

TAX MAP 27 PARCEL # 96

SIZE OF LOT 4.699 AC. ± TYPE BLDG S.F.D.
(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.

Zackaria Y. Fiechi (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

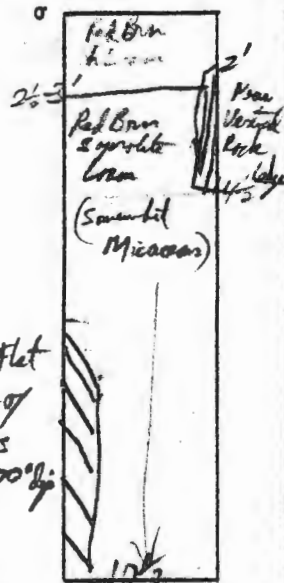
REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

FOL A

SOIL PROFILE



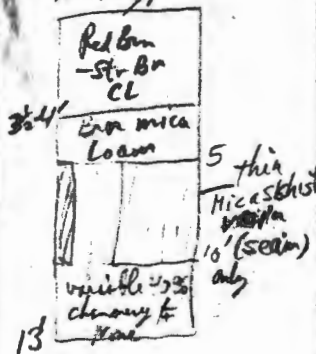
Thin flat
flaps of
chells
@ 60-70°

Large flat flange $\frac{1}{2}$ -1" thick
with $\frac{1}{2}$ -1" and lateral
flange. (hard to hold, prob)

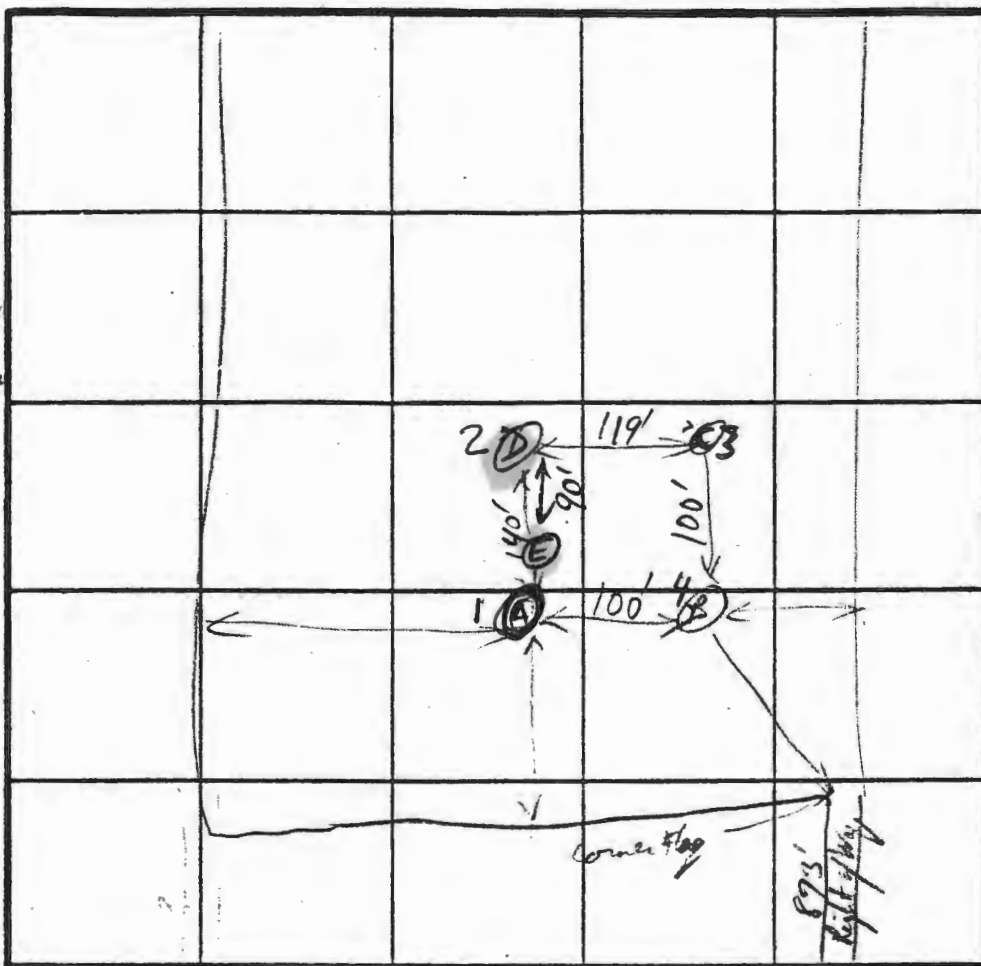
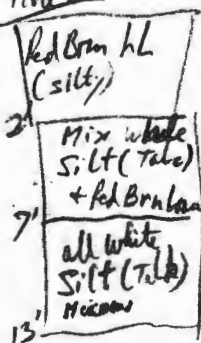
Hoh B

WFA

Similar
Hole A
but only one
box, packet



H.C.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Hole D

Br + Bl Clay
loam
very sandy
Regin Chert Br
Cherty loam
25-35% f.
chert
(small pebbles
of white tuff.
12' (3' chert)

Hole E

Red Barn CL

Red Barn Limestone
Micaceous

4' East
white
11½ silt-
Tale

all
Postage
11/20/21
11/20/21

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-10-92	(41) A	3'	11:01:50	11:23:00	pull 1/2 in. 1/2	1' drop in 2 min	(F)
		4 1/2'	11:13	11:22:50	11:23:00	11:38:00	15 min
		✓ 10 1/2'	Rock bridge on one side wall only @ 6 1/2 ft				
			Rock Bridge @ 2 ft & deeper -				
	#4 B	(3) 3'	11:25	11:35	11:35	1/2 @ 12:01	Too Slow
		@ 5 1/2'	11:52	12:00	12:00:40	12:12:30	12 min
		✓ 13'	Rock (50%)				
	#3 C	@ 3'	11:36:20	11:37:40	11:37:40	11:40	2 min
		@ 5 1/2'					
		✓ 13'	11:54:00	11:55:20	11:55:20	11:57:40	2 min
	#2 D	(3) 3'	11:43	11:59	No H/L count		Too Slow
		@ 5 1/2'					
		✓ 12'	12:02:00	12:10:00	12:10:00	12:21:00	11 min
	E	@ 5 1/2'	12:25:00	12:27:11	12:27:11	12:30:21	3 min
		✓ 11 1/2'					

REMARKS

Rock is Gneiss and mica Schist

TYPE OF SOIL

TESTED BY

RIP in the

ALSO PRESENT

crillig

+ 1/2 Fyork'i

APPLICATION

PERCOLATION TESTING

A 514991

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

*Relocate existing
SDA
and try to adjust SDA
lines.*

DISTRICT _____

DATE 3/19/01

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 Mark & Paula DARDEN

ADDRESS 14450 Tradelphia Mill Rd PHONE 410 531 6501
Dayton, MO 21036

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Humphries Property LOT NO. (lot #2 on Record Plat?) Lot 7B

ROAD AND DESCRIPTION off Tradelphia Mill Rd

TAX MAP 27 PARCEL # 96

SIZE OF LOT 9.189 acres 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. Paula H. Darden
(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

SOIL PROFILE

0' AA
8' ~~dark brown L~~
~~expansive~~
Str. ~~dark~~ Ch
(2 in s/bk)
(3k clay films)
on dr (Moist)
17' Rd - Rd Ben EAL
(5 YR 5/6)
(CIP s/bk)
v Moist on dr
27' Mirgald Rd Ben
(7.5 YR 5/6)
dark SL (moist)
(humid) (Moist)
10' ~~dark to L. not~~
11 1/2' ~~moist. str. Spargite~~
~~transverse~~
SL
14'

EE

11'

14'

1'

2'

1/2'

Solid Rock (very blue)

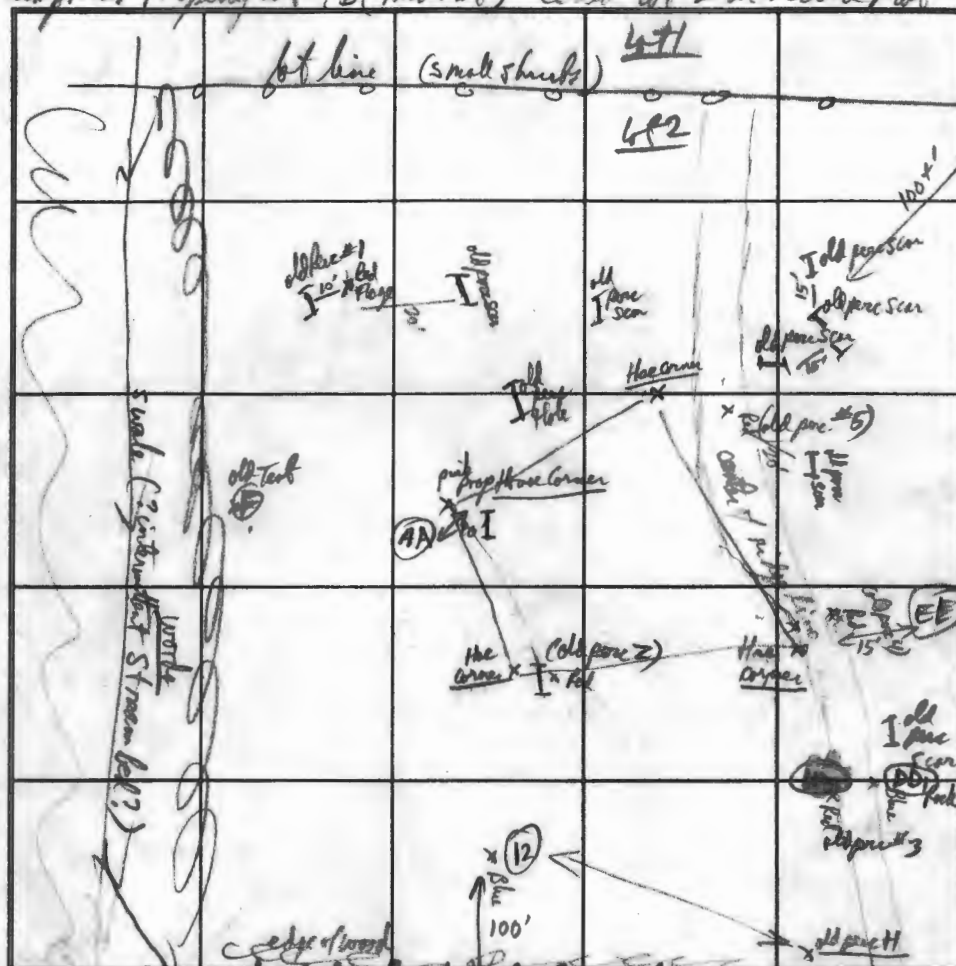
Bedded @ 5'

Mudstone (thinly)

Rock 70

SOIL PROFILE

Wills and
C. Hopkins



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/4/01	AA	14	11:25:00	11:54:00	11:54:00	12:41	30-32
	EE	14	11:14:20	11:54:00	11:54:00	12:41	30-32
	BB	14	11:56:00	12:07:00	11:54:00	12:41	30-32
	DD	14	11:13:00	11:16:00	11:16:00	11:21:00	30-32
	CC	14	11:13:00	11:16:00	11:16:00	11:21:00	30-32

REMARKS generally high ridge runs intersection half a Sammit of ridge line
intermittent stream bed is dry now, but evidence of up to 100 ft - unable to determine if smaller
water table is lower now than observed in past - cannot evaluate further and except in a few places
high water table

TESTED BY R. P. Kirby ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME	TRENCH WIDTH
--	--------------

INLET DEPTH	MAXIMUM BOTTOM DEPTH	SQ. FT./BEDROOM
1.0	1.0	1.0
1.5	1.5	1.5
2.0	2.0	2.0
2.5	2.5	2.5
3.0	3.0	3.0
3.5	3.5	3.5
4.0	4.0	4.0
4.5	4.5	4.5
5.0	5.0	5.0
5.5	5.5	5.5
6.0	6.0	6.0
6.5	6.5	6.5
7.0	7.0	7.0
7.5	7.5	7.5
8.0	8.0	8.0
8.5	8.5	8.5
9.0	9.0	9.0
9.5	9.5	9.5
10.0	10.0	10.0
10.5	10.5	10.5
11.0	11.0	11.0
11.5	11.5	11.5
12.0	12.0	12.0
12.5	12.5	12.5
13.0	13.0	13.0
13.5	13.5	13.5
14.0	14.0	14.0
14.5	14.5	14.5
15.0	15.0	15.0
15.5	15.5	15.5
16.0	16.0	16.0
16.5	16.5	16.5
17.0	17.0	17.0
17.5	17.5	17.5
18.0	18.0	18.0
18.5	18.5	18.5
19.0	19.0	19.0
19.5	19.5	19.5
20.0	20.0	20.0
20.5	20.5	20.5
21.0	21.0	21.0
21.5	21.5	21.5
22.0	22.0	22.0
22.5	22.5	22.5
23.0	23.0	23.0
23.5	23.5	23.5
24.0	24.0	24.0
24.5	24.5	24.5
25.0	25.0	25.0
25.5	25.5	25.5
26.0	26.0	26.0
26.5	26.5	26.5
27.0	27.0	27.0
27.5	27.5	27.5
28.0	28.0	28.0
28.5	28.5	28.5
29.0	29.0	29.0
29.5	29.5	29.5
30.0	30.0	30.0
30.5	30.5	30.5
31.0	31.0	31.0
31.5	31.5	31.5
32.0	32.0	32.0
32.5	32.5	32.5
33.0	33.0	33.0
33.5	33.5	33.5
34.0	34.0	34.0
34.5	34.5	34.5
35.0	35.0	35.0
35.5	35.5	35.5
36.0	36.0	36.0
36.5	36.5	36.5
37.0	37.0	37.0
37.5	37.5	37.5
38.0	38.0	38.0
38.5	38.5	38.5
39.0	39.0	39.0
39.5	39.5	39.5
40.0	40.0	40.0
40.5	40.5	40.5
41.0	41.0	41.0
41.5	41.5	41.5
42.0	42.0	42.0
42.5	42.5	42.5
43.0	43.0	43.0
43.5	43.5	43.5
44.0	44.0	44.0
44.5	44.5	44.5
45.0	45.0	45.0
45.5	45.5	45.5
46.0	46.0	46.0
46.5	46.5	46.5
47.0	47.0	47.0
47.5	47.5	47.5
48.0	48.0	48.0
48.5	48.5	48.5
49.0	49.0	49.0
49.5	49.5	49.5
50.0	50.0	50.0
50.5	50.5	50.5
51.0	51.0	51.0
51.5	51.5	51.5
52.0	52.0	52.0
52.5	52.5	52.5
53.0	53.0	53.0
53.5	53.5	53.5
54.0	54.0	54.0
54.5	54.5	54.5
55.0	55.0	55.0
55.5	55.5	55.5
56.0	56.0	

6/10/92
10:00
TEST CONTINUATION
11/6/92

APPLICATION

page 1

PERCOLATION TESTING

A 48/46B
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE. 461-9933

PERCOLATION OK
PROPOSED SUBDIVISION
FROM APPROVED LOT,

DISTRICT _____

DATE 5-12-92

SEE A17459 FOR
CURRENTLY APPROVED AREA,
CW

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MARIA E. HUMPHRIES

ADDRESS 6465 ROXNILL COURT GLENWOOD PHONE 854-6465
MD. 21738

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION COLEMAN - LEARCH LOT NO 7B (New Lot 11/24/92)

ROAD AND DESCRIPTION TRIADDELPHIA MILL RD WEST OF KALMIA DR.

TAX MAP 27 PARCEL # 96

SIZE OF LOT 5.590 AC.± TYPE BLDG S.F.D.
(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. Zacharia G. Lisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

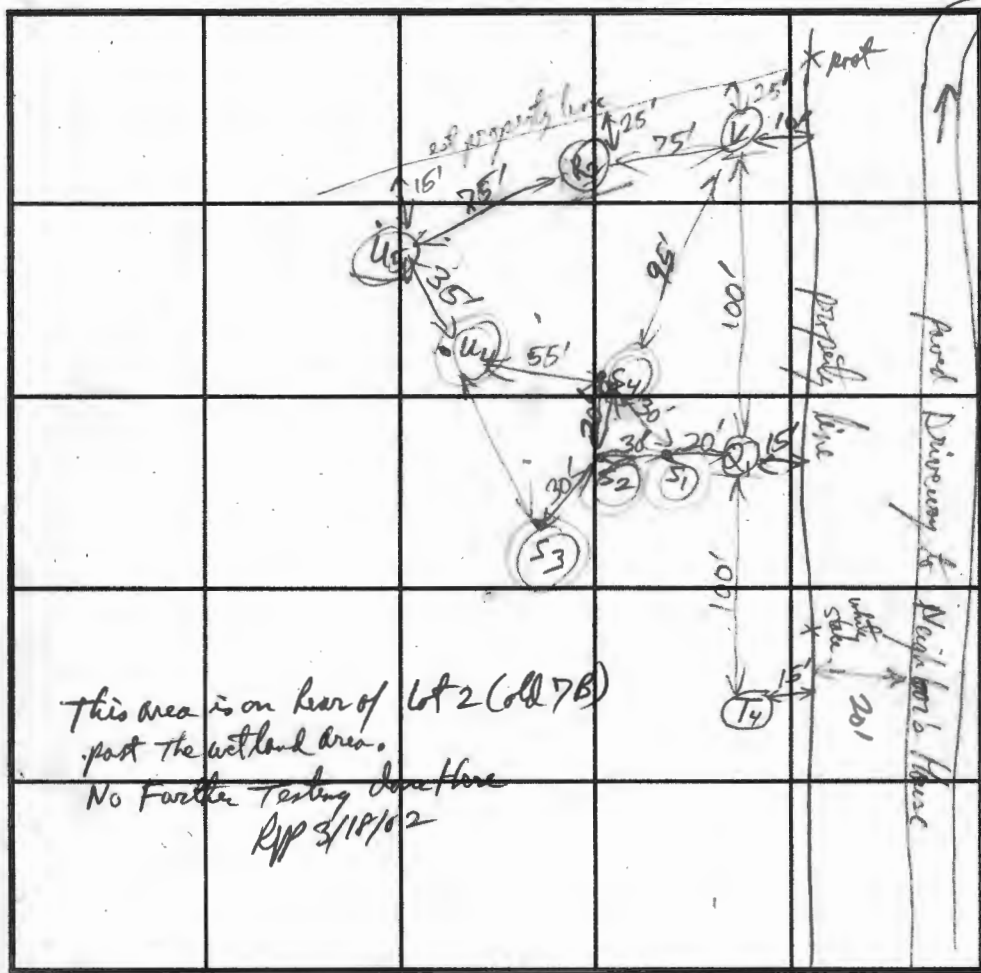
11/6/92
A48746
COUNTY #

Q1 SOIL PROFILE
0' West East

0' Str Brn hcl
3' hl-hcl Red Brn
5' light Brn & cream white micaceous Fine Fluffy hcl body loam
12'

Hole U5
5' Red hcl
heavy dirt loose
hl-cl variegated yellow Brn Str Brn Saprophytic
13'

Hole R2
3' Red Brn cl
variegated dark Brn Micaceous hcl loam
8' above mixed with variegated subcl creamy orange
12 1/2' vPCL



Hole T4 SOIL PROFILE

0' Red hcl
5' variegated Red Brn-Orange h loam
13' No Rocks observed

Hole V
4 1/2' Red hcl
Red Brn Silty loam
12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/6/92	Q1	4					Not Tested
		✓12'	No Rock Encounters				Not Tested
	R2	12 1/2'					Not Tested
	V	12'	pocket Rock on East wall @ 4-10'				Not Tested
	S3	Refusal @ 8 1/2'	Vertical Schist Rocks to 3 1/2' ft of Surface				Fail
	S2	Rock @ 5' (Refusal)					Fail
	S1	Refusal @ 7'	Vertical Schist (75% Rock) to 2 1/2' Below Surface				Fail
	S4	Rock @ 9'	Vertical Schist to 4 1/2' (85% Rock) on west side only				Fail
	U4	11'	50-70% large rocks begin @ 5 1/2'				Fail
	U5	13'	No Rock encountered				Not Tested

REMARKS Insufficient Area to Bother with testing - Rock Free Holes are 2 lines
TYPE OF SOIL 1/150'-200' length but - No usable width
TESTED BY RJP ALSO PRESENT Ricky, Rocky & Fynke
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME Fail TRENCH WIDTH
INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

6/10/92
10/100

APPLICATION

page 1

PERCOLATION TESTING

A 48/46B

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE. 461-9933

PAGUE OK
PROPOSED SUBDIVISION
FROM APPROVED LOT,
566 A17459 FOR
CURRENTLY APPROVED AREA,
CW

DISTRICT _____

DATE 5-12-92

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MARIA E. HUMPHRIES

ADDRESS 6465 ROXANILL COURT. GLENWOOD PHONE 854-6465
MD. 21738

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION COLEMAN - LEARCH LOT NO 2 7B (new lot)

ROAD AND DESCRIPTION TRIADELPHIA MILL RD. WEST OF KALMIA DR.

TAX MAP 27 PARCEL # 96

SIZE OF LOT 5.590 AC.± TYPE BLDG S.F.D.
(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. Zacharia Y. Fischt (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

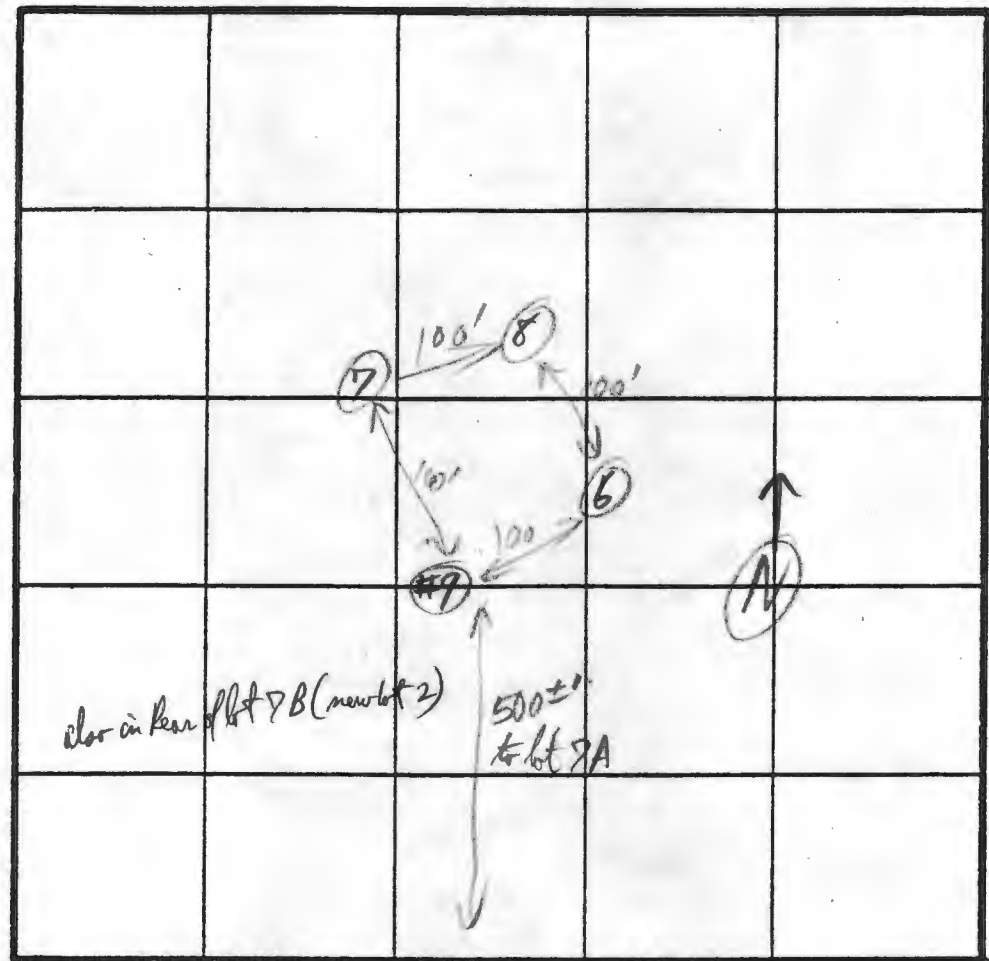
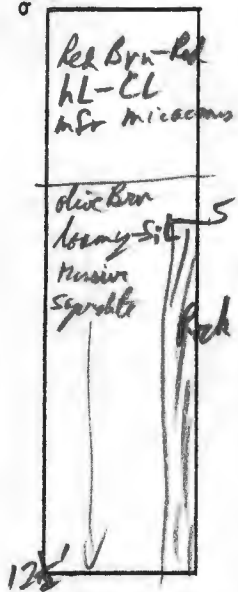
HD-216

THIS IS NOT A PERMIT

Lot 7B

H6P

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

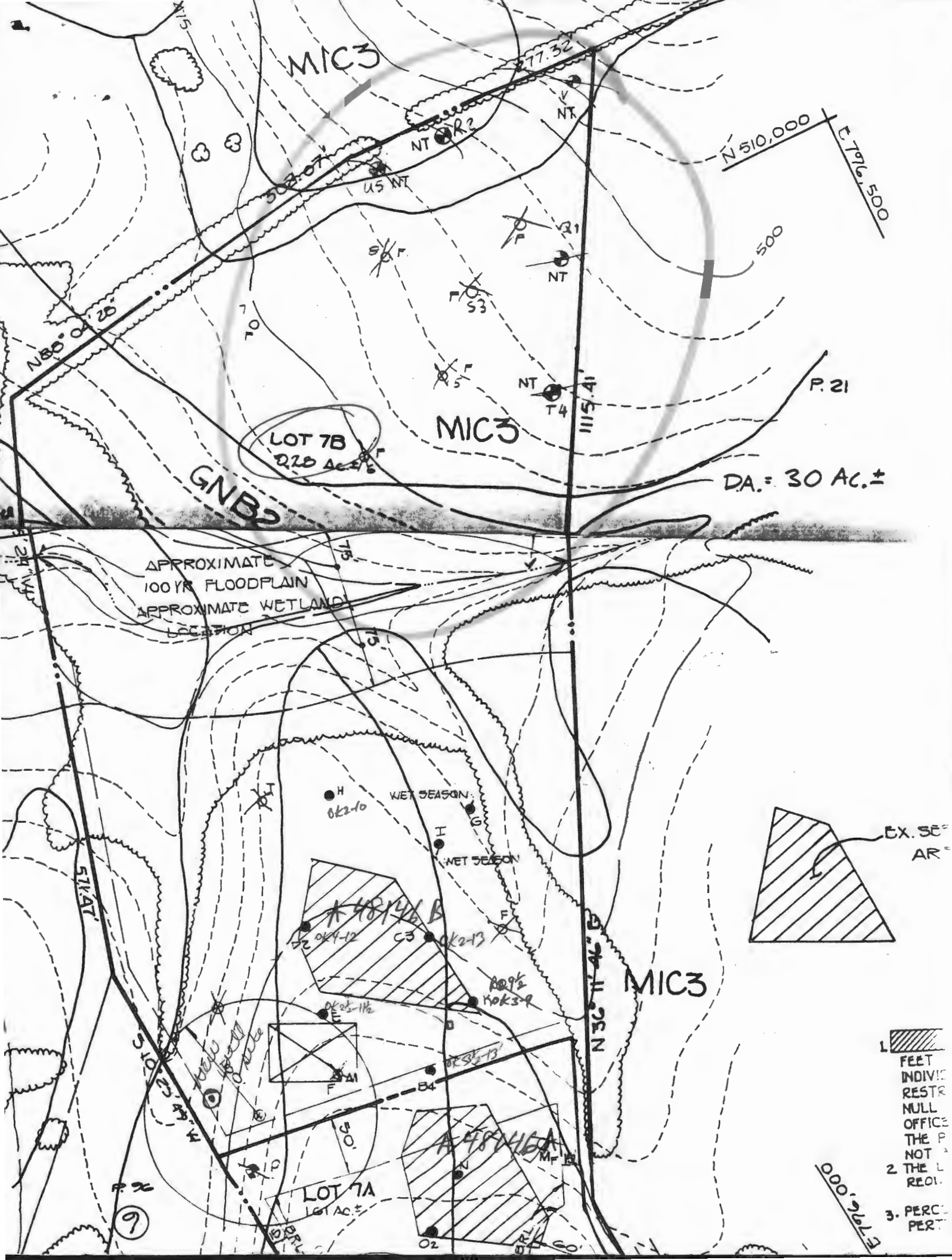
other 3 holes too
hooky and/or water table

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-10-92	State # (6)	Thinly laminated platy to strongly foliated 30° from horizontal at 2 ft depth -			Near vertical dip		Low
		at 10' water @ bottom; water seepage begins @ 7-8'					Fail Rock + water
	#5	Refract @ 4' (thinly platy mica schist Rock diggable) -					Fail Rock
		40-50% Rock fragments 1 1/2 ft to 3 1/2 ft					Fail Rock
		> 80% Rock Fragments deeper than 4 ft					Fail Rock
	#9	Rock ledges of solid fractures (> 75%) Chlorite schist with a 4-8 ft soil column between - Refract @ 5 1/2'					Fail Rock
	#8	Vertical Fractured Shale Rock ledge on west end begins @ 5 ft					high
		No water @ 13'					Fail 1/2 Rock / 1/3 OK

REMARKS The hooky and water in Rock @ lower side

TYPE OF SOIL App

TESTED BY App ALSO PRESENT Colleagues of Field





File

HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

August 31, 2001

Mark & Paula Darden
14420 Triadelphia Mill Rd.
Dayton, MD 21036

RE: Percolation Test Results
Application #' (s) 514991
Adjustment to Recorded Sewage Easement
Property ID: Humphries Property Lot 7B (Final Lot 2)
Triadelphia Mill Road
TM 27
Parcel 96

Dear Mr. & Mrs. Darden:


Percolation testing conducted May 4, 2001 on the above referenced property indicated limited satisfactory soil conditions. Limiting conditions were shallow depth to fractured rock in test holes in EE and DD, (along the hill crest to the west side of the lot). Also there were concerns about water tables from historical records and our advisory in our perc scheduling letter April 13, 2001, recommend postponement of testing with the next true "wet season."

Copies of the percolation test results are enclosed. In the field and again in the office on May 30, 2001 we discussed possible lower acceptable limits for a revised SDA using an elevation contour line from test hole, curving toward old test hole B and just excluding new test hole BB.

Further review is contingent upon submission by a licensed surveyor of a revision percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic swales, or existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

This should be submitted within sixty (60) days to allow field verification if necessary. If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.

Very truly yours,


Ronald J. Pinkley, R.S.
Water and Sewerage Program

dc:
Enclosures
cc: FCC
File



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

April 13, 2001

Mr. and Mrs. Mark Darden
14450 Triadelphia Mill Road
Dayton, Maryland 21036

RE: **Percolation Test Date**
Application: A514991
Proposal: Relocation of existing septic reserve area
Property ID: Humphries Property, Lot #7B
Triadelphia Mill Road
Tax Map: 27 Parcel #96

Dear Mr. and Mrs. Darden:

"Wet season" percolation testing has been tentatively scheduled for the above referenced property for **Friday, May 4, 2001 at 10:00 a.m.**

Please be advised that while percolation test dates have been assigned for spring wet season, 2001, due to severely depressed groundwater levels, you may wish to postpone percolation testing until a bonafide spring wet season – see attached for further explanation. Upon receipt of this letter, please contact this office at (410) 313-2640 to accept or decline the assigned percolation test date(s).

You shall be responsible for having a contractor on site to excavate the percolation test holes **(to a minimum depth of 14 feet)** as proposed and as required by the Health Department representative at the time of testing.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two to three weeks after the completion of the percolation testing. Thank you in advance for your cooperation in this matter.

Sincerely,

Donna K. Clark, R.S.
Water and Sewerage Program
DKC
cc: file

R AGE & NT
TANCE
57.02'
41.11'
28.66'
77.02'
97.65'
54.38'
78.65'
52.98'
23.50'
50.18'
74.24'
68.60'
108.01'

NOTE :

STAKES

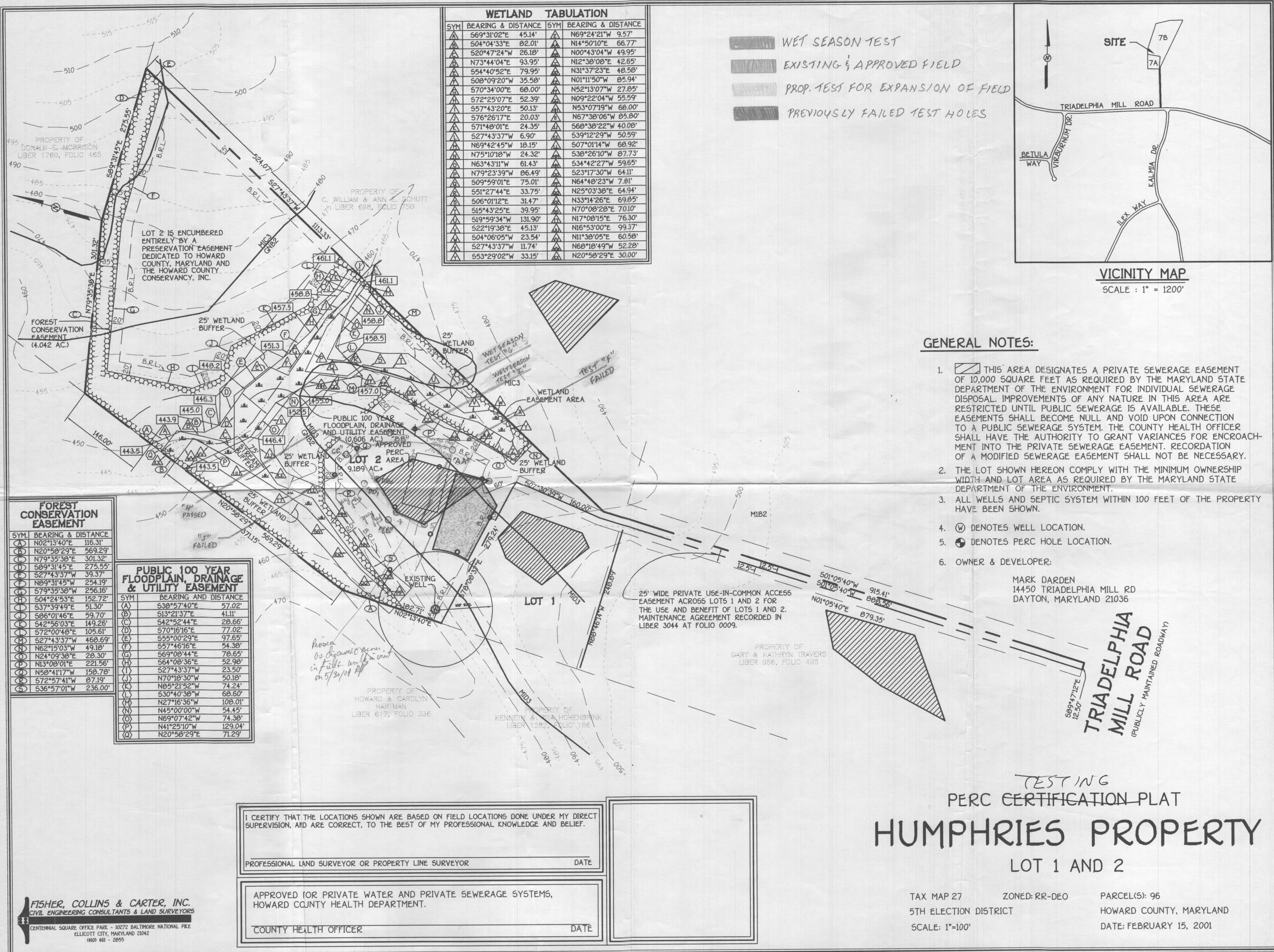
~~TEST~~ 1 THRU 5 REPRESENT THE APPROVED PERC FIELD. (THESE HOLES ARE STAKED FOR REFERENCE ONLY & DO NOT NEED TO BE RE-TESTED) ~ HIGHLIGHTED IN RED ~

TEST "F", "J" & "H" REPRESENT PREVIOUSLY DUG TESTS. (THESE HOLES ARE STAKED FOR REFERENCE ONLY & DO NOT NEED TO BE RE-TESTED) ~ HIGHLIGHTED IN BLUE ~

TEST "AA THRU"EE REPRESENT PERC TESTS TO BE DUG IN ORDER THAT THE EXISTING FIELD BE EXPANDED. ~ HIGHLIGHTED IN YELLOW ~

TEST "G" & "I" REPRESENT WETSEASON TESTS. ~ HIGHLIGHTED IN ORANGE ~ THEY ALSO NEED TO BE DUG.

THE INTEND OF THE ADDITIONAL TESTS IS TO MOVE THE EXISTING PERC - FIELD IN A NORTHERLY DIRECTION AS FAR AS POSSIBLE TO ACCOMMODATE A HOUSE SITE WITH A GRAVITY BASEMENT SERVICE.



PROPERTY OF
DONALD E. HARRISON
LIBER 1760, FOLIO 465

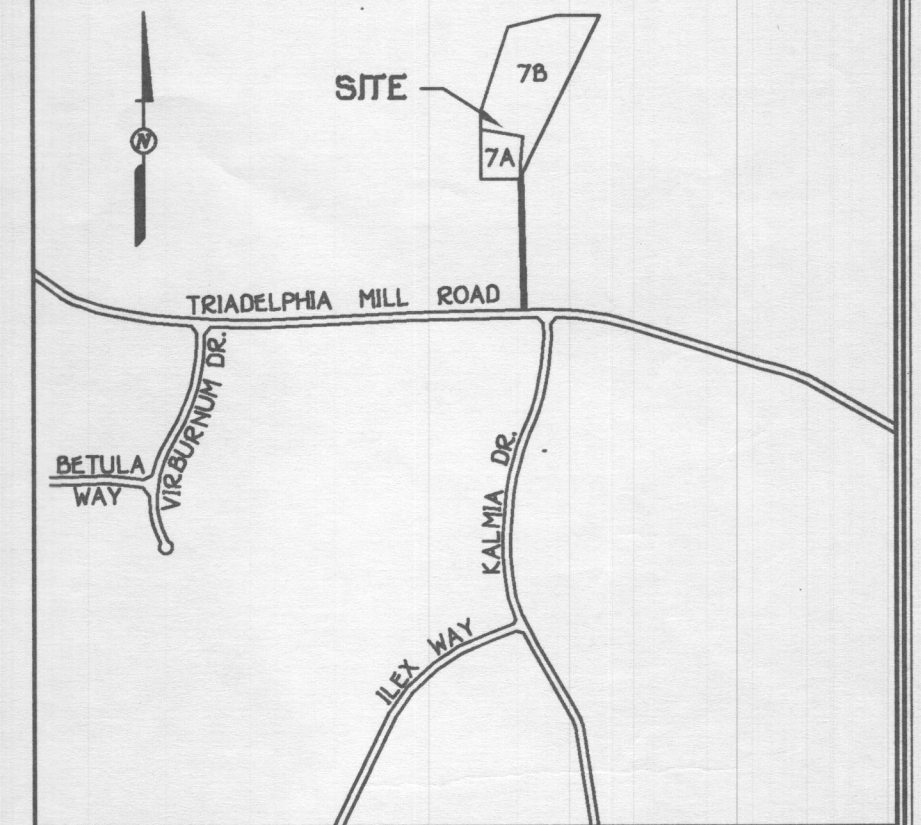
PROPERTY OF
C. WILLIAM & ANN E. SCHUTT
LIBER 698, FOLIO 750

WETLAND TABULATION

SYM	BEARING & DISTANCE	SYM	BEARING & DISTANCE
△	569°31'02"E 45.14'	△	N69°24'21"W 9.57'
△	504°04'33"E 82.01'	△	N14°50'10"E 66.77'
△	520°47'24"W 26.18'	△	N00°43'04"W 49.95'
△	N73°44'04"E 93.95'	△	N12°38'08"E 42.65'
△	554°40'52"E 79.95'	△	N31°37'23"E 48.58'
△	508°09'20"W 35.58'	△	N01°11'50"W 85.94'
△	570°34'00"E 68.00'	△	N52°13'07"W 27.85'
△	572°25'07"E 52.39'	△	N09°22'04"W 55.59'
△	557°43'20"E 50.13'	△	N53°07'19"W 68.00'
△	576°26'17"E 20.03'	△	N67°38'06"W 85.80'
△	571°48'01"E 24.35'	△	568°38'22"W 40.08'
△	527°43'37"W 6.90'	△	539°12'29"W 50.59'
△	N69°42'45"W 18.15'	△	507°01'14"W 68.92'
△	N75°10'18"W 24.32'	△	538°26'10"W 87.73'
△	N63°43'11"W 61.43'	△	534°42'27"W 59.65'
△	N79°23'39"W 86.49'	△	523°17'30"W 64.11'
△	509°59'01"E 75.01'	△	N64°48'23"W 7.81'
△	551°27'44"E 33.75'	△	N25°03'38"E 64.94'
△	506°01'12"E 31.47'	△	N33°14'26"E 69.85'
△	515°43'25"E 39.95'	△	N70°08'28"E 70.10'
△	519°59'34"W 131.90'	△	N17°08'15"E 76.30'
△	522°19'38"E 45.13'	△	N16°53'00"E 99.37'
△	504°06'05"W 23.54'	△	N11°38'05"E 60.58'
△	527°43'37"W 11.74'	△	N68°18'49"W 52.28'
△	553°29'02"W 33.15'	△	N20°58'29"E 30.00'

PERC TEST SYMBOLS

- = WET SEASON TEST, NOT DUE IN WET SEASON - FAILED
- = EXISTING & APPROVED TEST AS PER PLAT NO. 11173
- = PASSED TEST FOR RELOCATED FIELD.
- = FAILED TEST FOR RELOCATED FIELD.



VICINITY MAP
SCALE: 1" = 1200'

NO ADJ. TO SDA
BELOW HOLE BB WITHOUT
TESTING IN A "TRUE
WET SEASON"

-SRW/RJP

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ⊙ DENOTES WELL LOCATION.
- DENOTES PERC HOLE LOCATION.
- OWNER & DEVELOPER:

MARK DARDEN
14450 TRIADELPHIA MILL RD
DAYTON, MARYLAND 21036

25' WIDE PRIVATE USE-IN-COMMON ACCESS
EASEMENT ACROSS LOTS 1 AND 2 FOR
THE USE AND BENEFIT OF LOTS 1 AND 2.
MAINTENANCE AGREEMENT RECORDED IN
LIBER 3044 AT FOLIO 0009.

PROPERTY OF
GARY & KATHRYN TRAVERS
LIBER 956, FOLIO 485

TRIADELPHIA
MILL ROAD
(PUBLICLY MAINTAINED ROADWAY)

FOREST CONSERVATION EASEMENT

SYM	BEARING & DISTANCE
△	N02°13'40"E 116.31'
△	N20°58'29"E 569.29'
△	N79°35'38"E 301.32'
△	569°31'45"E 275.55'
△	527°43'37"W 39.37'
△	N09°31'45"W 254.19'
△	579°35'38"W 256.16'
△	504°24'53"E 152.72'
△	537°39'49"E 51.30'
△	506°01'46"E 59.70'
△	542°58'03"E 149.26'
△	572°00'48"E 105.61'
△	527°43'37"W 468.69'
△	N62°15'03"W 49.18'
△	N24°09'38"E 28.30'
△	N13°08'01"E 221.56'
△	N58°41'17"W 158.78'
△	572°57'41"W 87.19'
△	536°57'01"W 236.00'

PUBLIC 100 YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT

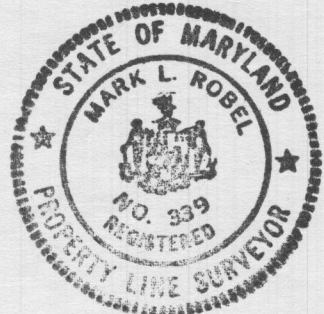
SYM	BEARING & DISTANCE
(A)	538°57'40"E 57.02'
(B)	513°21'37"E 41.11'
(C)	542°52'44"E 28.66'
(D)	570°16'16"E 77.02'
(E)	555°00'29"E 97.65'
(F)	557°46'16"E 54.38'
(G)	569°08'44"E 78.65'
(H)	564°08'36"E 52.98'
(I)	527°43'37"W 23.50'
(J)	N70°18'30"W 50.18'
(K)	N85°21'52"W 74.24'
(L)	530°40'38"W 68.60'
(M)	N27°16'36"W 108.01'
(N)	N45°00'00"W 54.45'
(O)	N69°07'42"W 74.38'
(P)	N41°25'10"W 129.04'
(Q)	N20°58'29"E 71.29'

I CERTIFY THAT THE LOCATIONS SHOWN ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Mark L. Robel
PROFESSIONAL LAND SURVEYOR OR PROPERTY LINE SURVEYOR
12/13/2001
DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

Doreen M. M...
COUNTY HEALTH OFFICER
12/14/01
DATE



PERC CERTIFICATION PLAT HUMPHRIES PROPERTY PERC CERTIFICATION PLAT

TAX MAP 27 ZONED:RR-DEO
5TH ELECTION DISTRICT
SCALE: 1"=100'

PARCEL(S): 96
HOWARD COUNTY, MARYLAND
DATE: FEBRUARY 15, 2001
REVISED: DECEMBER 13, 2001

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2855