

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP A 525 639

AGENCY REVIEW: _____

DATE 11/14/06

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE *UNKNOWN* IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) RAY RACHUBA

DAYTIME PHONE 410-781-3400 CELL _____ FAX 410-781-3475

MAILING ADDRESS 946 A MARIMICH CT. EDERSBURY MD. 21784
STREET CITY/TOWN STATE ZIP

APPLICANT CHARLES R. CROCKEN & ASSOC.

DAYTIME PHONE 410-549-2708 CELL _____ FAX 410-549-9063

MAILING ADDRESS P.O. BOX 307 WESTMINSTER MD. 21784
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME WOODCAMP FARM LOT NO. 8

PROPERTY ADDRESS 17518 WOODCAMP RD. MT AIRY 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID 7 PARCEL(S) 489 PROPOSED LOT SIZE 26.07

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Charles Crocken
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

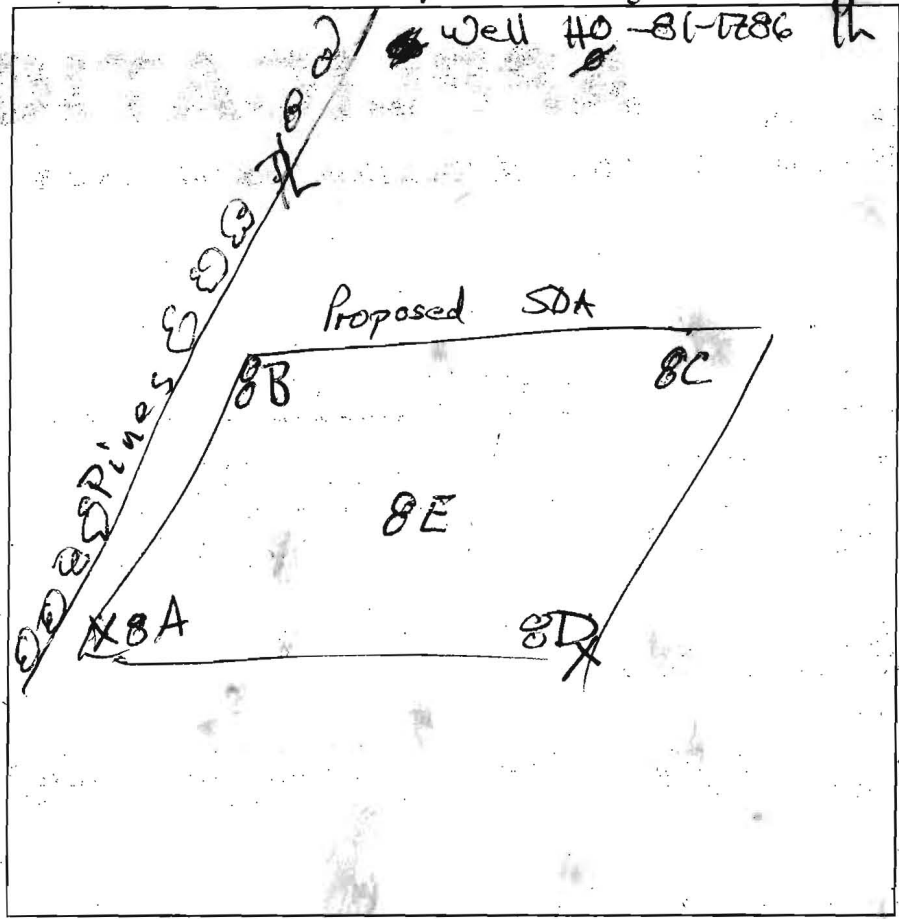
original

Woodcamp Farms, Lot #8

AP 525637

Well #0-81-1786

B
1.5' brn l
yel-brn sicl
few gravel
4.5' redbrn sil
Ø m Saprolite



C
0.5' brn l
yel-brn sicl
few gravel
4.5' red-yel & brn sil
Ø m Saprolite
11.5'

D
0.5' brn loam
yel-brn sicl
2 fsbk
2.5' yel-brn sil
4.0' brn & red brn sil
Ø m Saprolite
few quartz & gravel

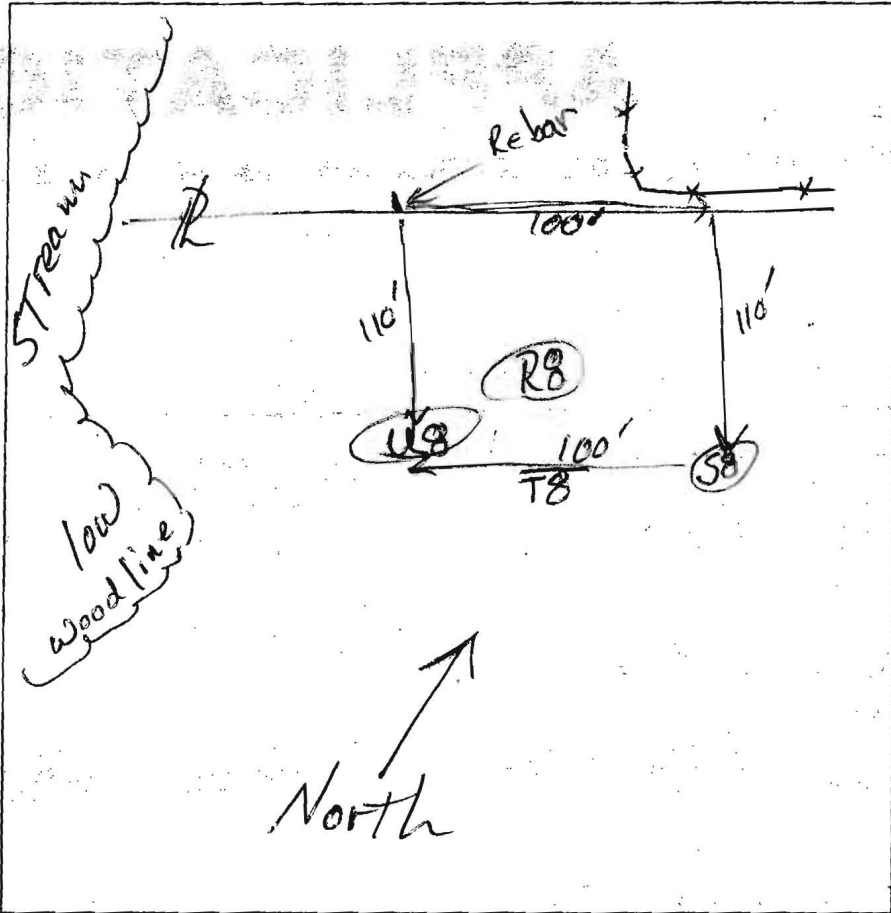
E
0.5' brn loam
brn sicl
few quartz & gravel
1.5' yel-brn sicl
few quartz & gravel
3' multi-cob sil
saprolite
5' pale yellow & brn-red w/ blugrey lithocenes

12'
[Empty box]

A
0.5' brn loam
yel-brn sicl
2 fsbk
1.5' brn sicl
1 msbk
few chunkers
4' pale brn & red & grey white sil
saprolite
11.5' shale chunkers
water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/22/06	8A	5' / 11.5'	0	2:30	7:00 am		F
	8D	5.5' / 11'	2:00	30 min	1/2"		F
	8C	2.5' / 11.5'	0	Ø min	-		F
	8C	5.5' / 11.5'	0	> 30	-		F
	8B	6' / 12'	0	29 min	> 30 min		F
11/22/06	8E	6.5' / 13.5'	0	18 min	48 min	28 min	F

REMARKS 17518 Woodcamp Rd.
 SANITARIAN RB [Signature] BACKHOE Justia Brenda OTHERS 13.5' platy
 TEST HOLES USED IN SDA NONE AVG. PERC TIME SQ. FT/BR
 TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE S/W



RB (center)

dk brn grl
brn sil
yel brn sil
multicolor sil
pink, white
brn yel
4' brn yel gr sil
quartz & shale
veins
7.5' brn yel sil
45% rotted shale
(cr)
12' **S8** dk brn grl
1' yel-brn sil
3' brn & red var sil
35% gravel
pockets brn sil
4.5' yel brn sil
weathered
shale (cr)
35% overall
11' Water
seeps
12' weathered
shale (cr)

T8
0.5' dk brn grl
1' yel-brn
sil
2.5' red-brn
yel-brn sil
20% quartz
& shale
channers
5' yel-brn sil
40% weathered
shale (cr)
10' water
12' sil & shale
U8
1' dk brn grl
1' yel-brn
sil
3.5' multicolor
sil sepolite
40% overall
weathered
shale (cr)
11' water
seeps
12' weathered
shale

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/29/06	RB	4 1/2'	Ø	4 min	14 min	10 min	P
12/29/06	S8	5.5'	Ø	6 min	20 min	16 min	P

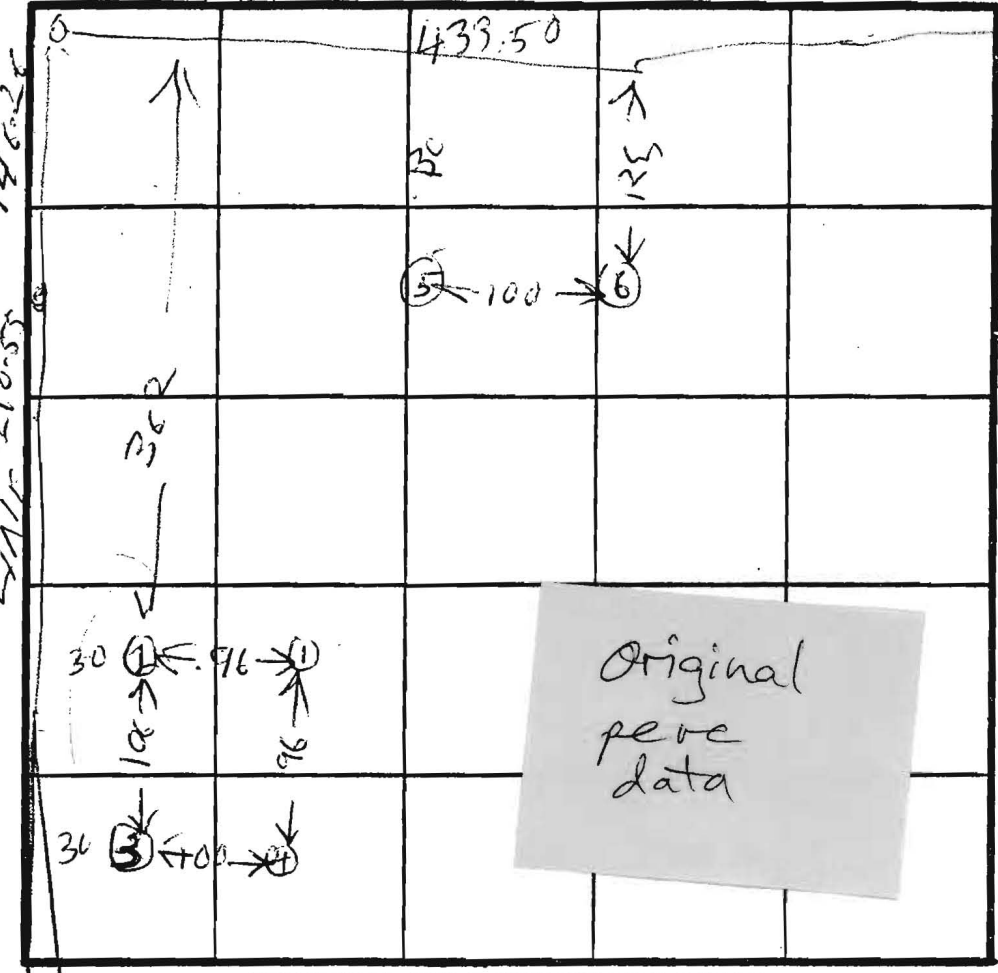
REMARKS _____
 SANITARIAN **RB** BACKHOLE **Justin** OTHERS **Tim Feagy, Jeremy Rutter, Bud Coughlan, Ray Bachman**
 TEST HOLES USED IN SDA **RB & S8, and 1, 2, 3, 4 (1986)** AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Data
Validating
SDA
Scan both
pages

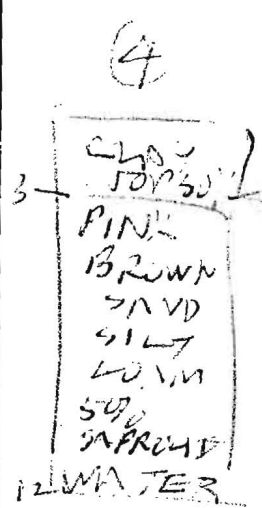
SEE PLAN

SEE PLAN

FENCE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



High Elev

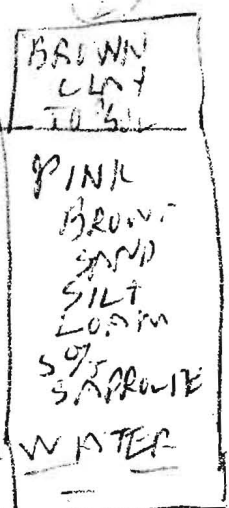
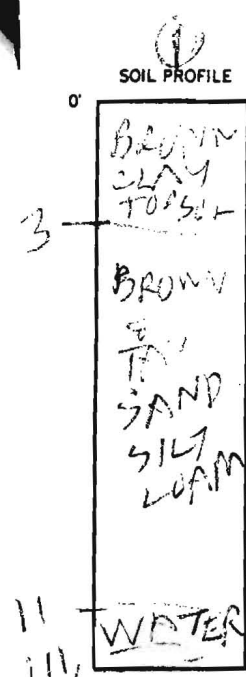
(1)(4) LOW
(2)(3) HIGH

(5)(6) VER LOW

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/21/56	I P	8 1/2	238	257	257	320	23
	I S	3	273	311	311	343	24
	IV	11 1/2	WATER		11 FT		
1	2 D	0	254	300	300	312	12
	2 S	3.5	255	312	312	344	35
	2V	13 1/2	WATER		12 FT		
3 1/2	3 D	8	315	321	321	348	7
	3 S	20.5	316	323	323	334	12
	4V	12	LO. 24 OF				
2	4 D	8	331	337	337	350	13
	4 S	3.5	333	350	350	410	20
	4V	12	WATER		12 FT		
	5V	17	WATER		CLAYEY 9 FT		
	0V	14	WATER		CLAYEY 10 FT		

REMARKS _____

TYPE OF SOIL _____
 TESTED BY R. HODGES ALSO PRESENT HAMILTON HOMES INC. JIM GUE Beck



EH-12-1079

3/4/86
9:30 AM

APPLICATION

PERCOLATION TESTING

A 36491
P _____

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

DISTRICT _____
DATE 2/4/86

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 Dr. Keyshing Linn

ADDRESS _____ PHONE 997 5876

PROSPECTIVE BUYER Hamilton Home Loan

ADDRESS Po Box 12 Manassas Hill PHONE 831 3200
21770

PROPERTY LOCATION:

SUBDIVISION Woodcamp Farms LOT NO. 8-A

ROAD AND DESCRIPTION Woodcamp Rd (end of cut D. sac)

TAX MAP _____ PARCEL # _____

SIZE OF LOT 26.074 ac TYPE BLDG. Single Fam
(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 _____

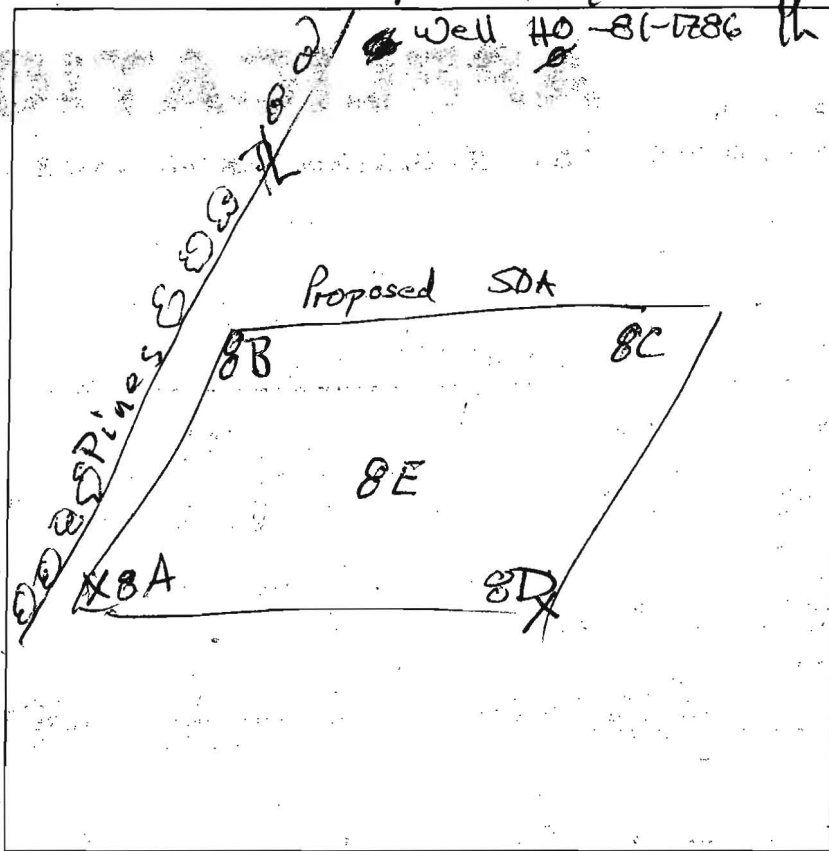
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Wood camp Farms, Lot #8

AP 525637



B
1.5' brn l
yel-brn sicl
few gravel
4.5' red brn sil
Ø m Saprolite

C
0.5' brn l
yel-brn sicl
few gravel
9.5' red-yel & brn sil
Ø m Saprolite

D
0.5' brn loam
yel-brn sicl
2 f sbk
2.5' yel-brn sil
4.0' brn & red brn sil
saprolite
Ø m few quartz gravel

12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/22/06	8A	5' / 11.5'	0	21:30	20m		F
	8D	5.5' / 11'	2:00	30 min	1/2"		F
	8C	7.5' / 14.5'	0	20 min	-		F
	8C	5.5' / 11.5'	0	> 30	-		F
	8B	6' / 12'	0	29 min	> 30 min		F
11/22/06	8E	6.5' / 13.5'	0	18 min	46 min	28 min	P

A
0.5' brn loam
yel-brn sicl
2 f sbk
1.5' brn sicl
1 m sbk
few chunkers
4' pale brn & red sil
saprolite
11.5' shale chunkers
water

E
0.5' brn loam
brn sicl
few quartz gravel
1.5' yel-brn sicl
few quartz gravel
3' multi-color sil saprolite
5' pale yellow & brn-red w/ blue-grey lithochromes

REMARKS 17518 Woodcamp Rd.

SANITARIAN RBK BACKHOE Justia Brothers OTHERS 13.5' platy

TEST HOLES USED IN SDA NONE AVG. PERC TIME SQ. FT/BR

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW



HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia Maryland 21046
(410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

Penny E. Borenstein, M.D., M.P.H., County Health Officer

January 5, 2007

Ray Rachuba
946-A Marimich Ct.
Eldersburg, MD 21784
FAX: 410-781-3475

RE: PERCOLATION TEST RESULTS, December 29, 2006 – A525639; 17518 Woodcamp Road
(Woodcamp Farm, Lot 8; Tax Map 7, Parcel 489)

Dear Mr. Ray Rachuba,

Percolation testing conducted on December 29, 2006 indicated satisfactory soil conditions in the area tested. The area tested was on a topographic high location near the west property boundary of Lot 8, Woodcamp Farms subdivision, and coincides with percolation tests and soil profile descriptions recorded for four test sites on March 21, 1986. Evaluations on December 29, 2006 included percolation tests in the approximate center and near a potential easement corner, and soil profile descriptions for these two percolation test locations (R8 and S8) and for two other locations (T8 and U8) that would validate and define a proposed septic easement. Including times from March 1986, the average percolation time for the area tested is about 19 minutes.

The proposed septic easement is approximately 100 feet square (~10,000 square feet area). From a rebar set in the subject property's northwest boundary, the proposed septic easement is setback 10 feet to the southeast and runs with the property line (in a northeasterly direction) for a distance of 100 feet. The lowermost boundary is defined by test locations 'S8' and 'U8' at the downhill corners, and is not to extend beyond location 'T8'.

Please Note that the property line should be clearly marked for installation of the primary system. Effluent will be pumped to the easement area where a distribution box should be located at or near the highest elevation. The initial system should be installed at the relative higher elevation of the proposed easement, the trenches spanning the elevation crown. Trench Width is to be 3 feet, Trench Bottom at either end is not to exceed 6 feet depth, and the Inlet is to be 2 feet above bottom (approx. 4 feet for the trench end at lower elevation). Credit for 1 foot of sidewall absorption area is given for the initial system. Either of the two subsequent repair systems is to be installed with Inlet at 3 feet and Trench Bottom not to exceed 5 feet.

Should it be desirable that a new well be drilled for this lot, the existing well will need to be abandoned. (An exception to abandonment of the existing well would only be if it can be designated as an 'agricultural well'.) Any new well on this lot will likely be down-gradient from one or more septic systems. In planning the location please observe the setback of 200 feet for a well located down-gradient from any septic tank, pump tank, or septic easement. Additional specific well construction techniques may also be required.

Howard County code now requires a 1500 gallon tank for residences larger than 1500 square feet, or 2000 gallon tank for residences larger than 3500 square feet.

If you have any questions regarding this matter, you may contact me at the above address or by calling (410) 313-2691.

Respectfully,



Robert Bricker, CPSS
Well and Septic Program
Development Coordination Section

Enclosure, Percolation Test Worksheet

CC: Charles Crocken, Charles R. Crocken & Associates, Inc.
File



HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia Maryland 21046
(410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

Penny E. Borenstein, M.D., M.P.H., County Health Officer

December 11, 2006

Ray Rachuba
946-A Marimich Ct.
Eldersburg, MD 21784
FAX: 410-781-3475

RE: PERCOLATION TEST RESULTS – A525639; 17518 Woodcamp Road (Woodcamp Farm, Lot 8;
Tax Map 7, Parcel 489)

Dear Mr. Ray Rachuba,

Percolation testing conducted on November 11, 2006, on the referenced property indicated UNSATISFACTORY soil conditions in all areas tested. A copy of the field worksheet is attached. Five test holes were dug, and at only one location, '8E', was the timed rate for percolation within the acceptable range described under COMAR 26.04.

The slow percolation times are attributed to the physical properties of the deep saprolite layer in which the tests were conducted. The saprolite has a loamy texture (silt loam), and it is dense. Additionally, free water was found at location 8A, thus limiting the range of depth that could be tested along the proposed lower boundary of the test area.

Sand mound tests may be proposed and conducted in the area represented by test locations '8A', '8B', '8C', '8D' and '8E'. If conventional testing is desired, please redefine the area to be tested. If you have any questions regarding this matter, you may contact me at the above address or by calling (410) 313-2691.

Respectfully,

Robert Bricker, CPSS
Well and Septic Program
Development Coordination Section

Cc: Charles Crocken, Charles R. Crocken & Associates, Inc.
File

PERCOLATION TEST RESULTS

PERC. TEST AREA "A" 03/21/86

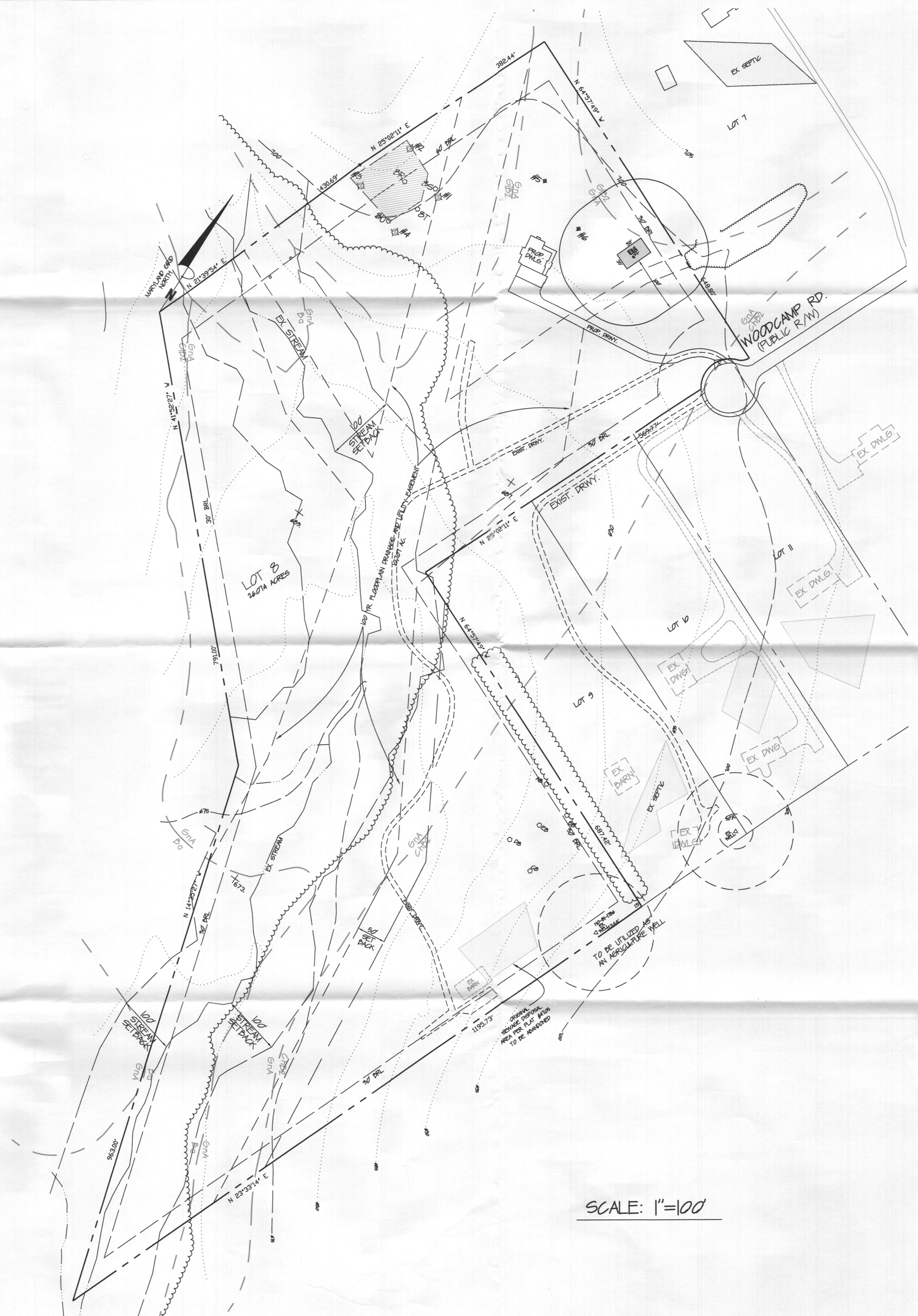
TEST #	PERCOLATION RATE	RESULT	COMMENTS	DATE
1	25 MIN. AT 3 FT.	PASSED	WATER @ 11 FT.	03/21/86
2	35 MIN. AT 35 FT.	PASSED	WATER @ 13 1/2 FT.	03/21/86
3	12 MIN. AT 2 1/2 FT.	PASSED		03/21/86
4	20 MIN. AT 2 1/2 FT.	PASSED	WATER @ 12 FT.	03/21/86
5		FAILED	WATER/ CLAYEY @ 4 FT	03/21/86
6		FAILED	WATER/ CLAYEY @ 10 FT	03/21/86

PERC. TEST 11/22/2006

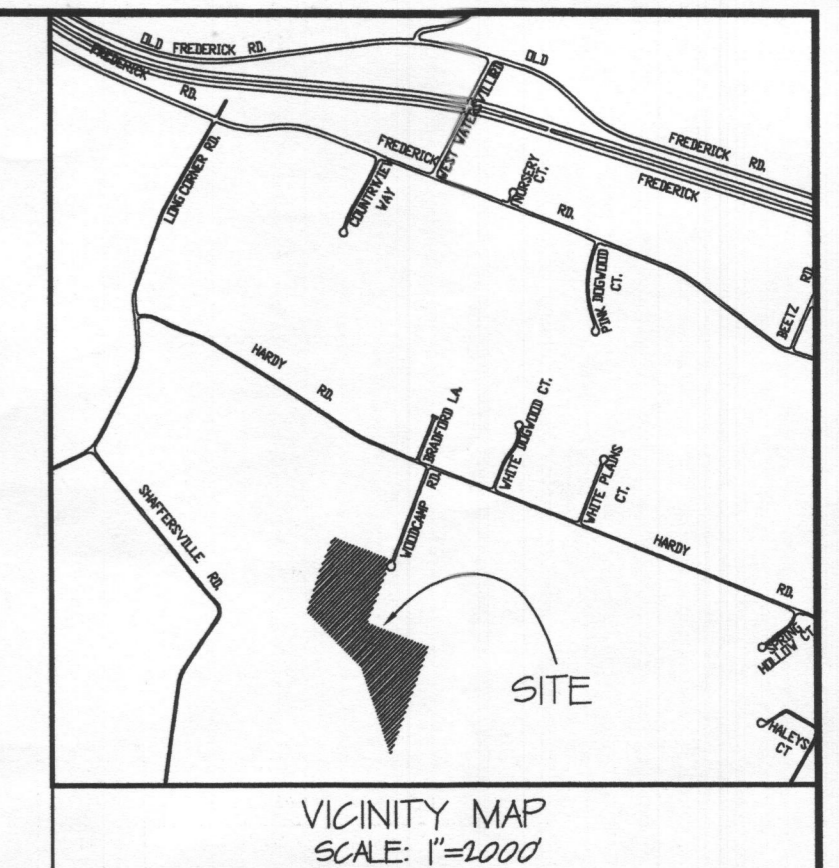
8A	>30 MIN. AT 5 FT.	FAILED	DENSE SAPROLITE	11/22/06
8B	>30 MIN. AT 6 FT.	FAILED	DENSE SAPROLITE	11/22/06
8C	>30 MIN. AT 7 1/2 FT.	FAILED	DENSE SAPROLITE	11/22/06
8D	>30 MIN. AT 5 1/2 FT.	FAILED	DENSE SAPROLITE	11/22/06
8E	28 MIN. AT 6 FT.	PASSED		

PERC. TEST AREA "A"

8R	10 MIN. AT 4 FT.	PASSED	EL. = 702.84	12/29/06
8S	16 MIN. AT 55 FT.	PASSED	EL. = 702.76	12/29/06
8T	OBSERVATION HOLE	PASSED	EL. = 699.75	12/29/06
8U	OBSERVATION HOLE	PASSED	EL. = 699.2	12/29/06



SCALE: 1"=100'



SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
G1A	GLENVILLE SILT LOAM, 0-2% SLOPES	
G1B	CHESTER SILT LOAM, 2-8% SLOPES	
D1	DALE SILT LOAM	
G1C	GLENVILLE SILT LOAM, 2-8% SLOPES	

GENERAL NOTES:

1. AREA OF PROPERTY = 26.074 ACRES
2. EXISTING USE = VACANT
3. PROPOSED USE = RESIDENTIAL/1 SINGLE FAMILY RESIDENTIAL
4. NUMBER OF UNITS ALLOWED = 1 UNIT
5. NUMBER OF UNITS PROPOSED = 1 UNIT
6. BOUNDARY AND TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY BY HOWARD COUNTY DATED 1998, VERIFIED IN FIELD BY CHARLES R. CROCKEN & ASSOC. DATED 3/06
7. BOUNDARY BASED ON DEED LIBER 9972/FOLIO 421 & PLAT # 4105
8. SERVICE WATER = PRIVATE, SEWER = PRIVATE
9. SOILS SURVEY MAP No. 1
10. THERE ARE NO STREAMS, WETLANDS, OR STEEP SLOPES IN THE VICINITY OF THE SEWAGE EASEMENT EXCEPT AS OTHERWISE SHOWN HEREON
11. NO ADDITIONAL SUBDIVISION OF SUBJECT PROPERTY IS REQUIRED FOR PLDG. PERMIT

HEALTH DEPARTMENT NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
2. THE AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNLESS PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENTS.
3. THE WELL AREA SHALL HAVE A WELL DRILLED, GROUTED, AND YIELD TESTED PRIOR TO FINAL APPROVAL OF BUILDING PERMIT.
3. THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.
 - DENOTES "PASSED" PERCOLATION TEST (3/21/1986)
 - ⊕ DENOTES "FAILED" PERCOLATION TEST (3/21/1986)
 - DENOTES "PASSED" PERCOLATION TEST
 - ⊕ DENOTES "FAILED" PERCOLATION TEST
5. THE NEAREST WATER INTAKE STRUCTURE IS FIVE MILES +/- AWAY.
6. DENOTES 25% SLOPE, ONLY 25% OR STEEPER SLOPES WITHIN 100'± OF SEWAGE EASEMENT HAVE BEEN SHOWN ON PLAN.
7. THE EXISTING WELL SHOWN HEREON #10 81- 17513 IS TO BE UTILIZED AS AN AGRICULTURAL WELL. A PERMIT APPLICATION IS TO BE FILED SIMULTANEOUSLY WITH THE APPROVAL OF THIS PERCOLATION CERTIFICATION PLAN.

SITE ANALYSIS

AREA OF PARCEL 26.074 ACRES ±
 THE MASTER PLAN OF HOWARD COUNTY
 ZONING = RC-DEO
 PROPOSED USE OF STRUCTURES = SINGLE FAMILY
 # UNITS ALLOWED = 1
 # UNITS PROVIDED = 1
 OPEN SPACE ON SITE = N/A
 HOWARD COUNTY FILE NO.: F-81-23

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

B. Jeffrey Perry, Esq.
 HOWARD COUNTY HEALTH OFFICER
 DATE: 1/24/2007

NO.	DATE	REVISION
PERCOLATION CERTIFICATION PLAN FOR WOODCAMP FARM 17513 WOODCAMP RD. LOT #8 SINGLE FAMILY DETACHED LIBER 9972 /FOLIO 421		
TAX MAP 7, GRID 7, PARCEL #489 4TH ELECTION DISTRICT		SEPTEMBER 7, 2006 ZONED RC-DEO HOWARD COUNTY, MARYLAND
DES. CHG.	OWNER/DEVELOPER RAY L. RACHUBA 946 NARINICH CT. ELDERSBURG, MD. 21784-1928 TEL. (410)-336-9193	
CHK. C.R.G.		
DRW. E.M.V.		
CHARLES R. CROCKEN & ASSOCIATES, INC. CIVIL ENGINEER - LAND PLANNING P.O. BOX 307 WESTMINSTER, MARYLAND PH: 410-546-2128 FAX: 410-546-2092		SCALE: 1" = 100' SHEET 1 OF 1

PERCOLATION TEST RESULTS

PERC. TEST AREA "A" 03/21/86

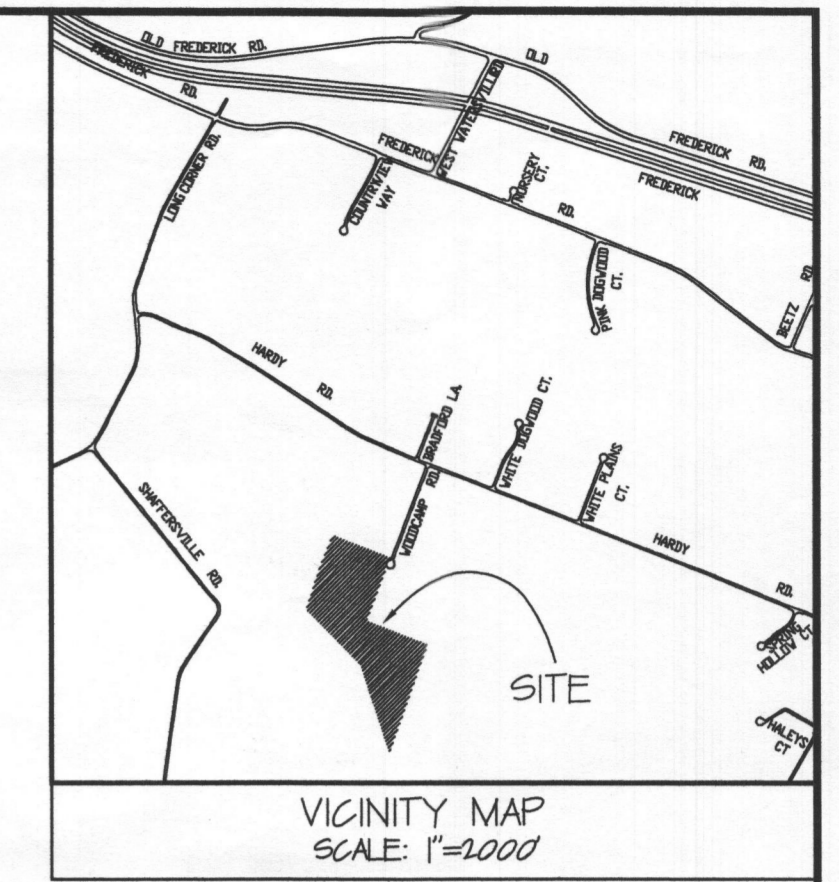
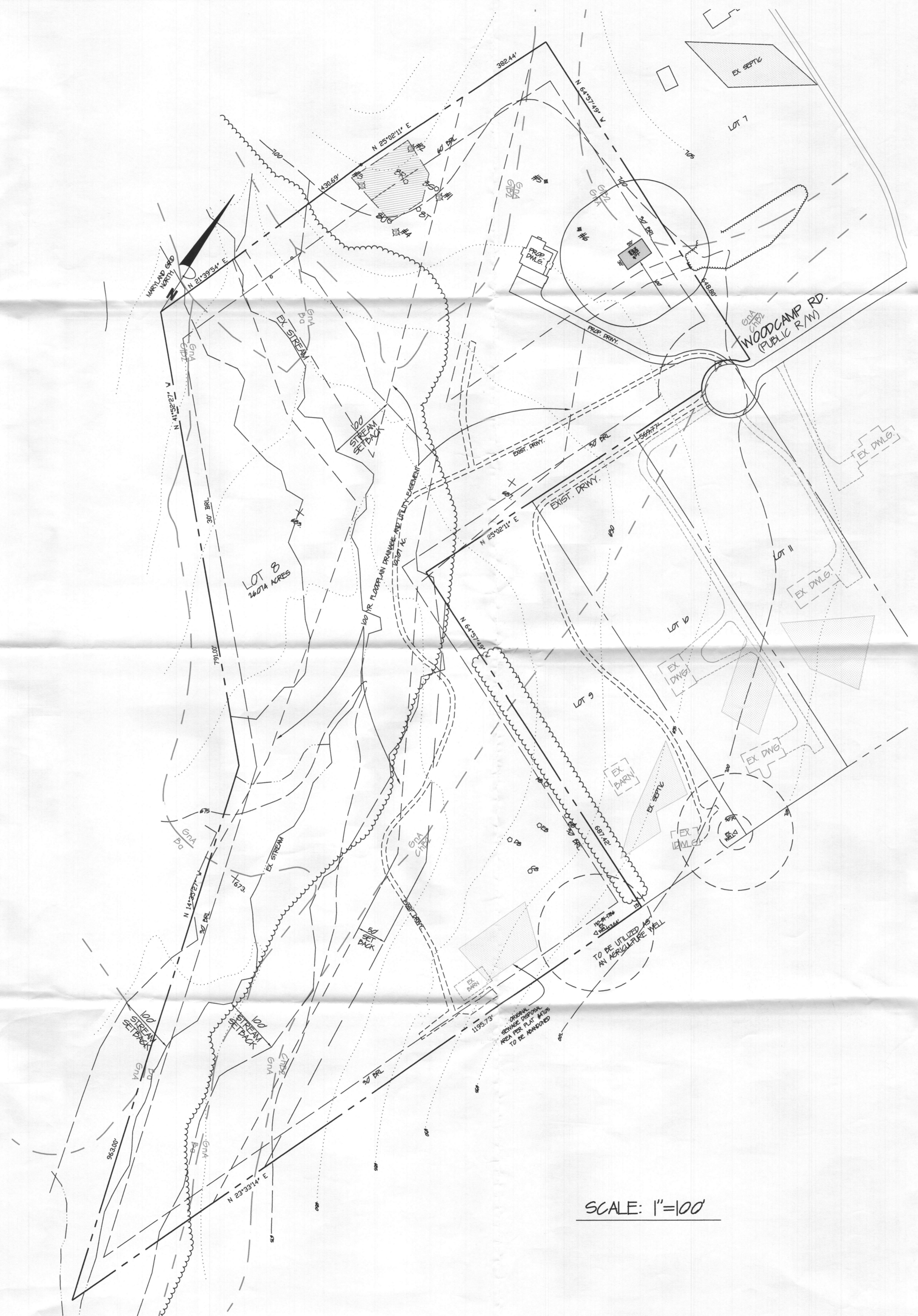
TEST #	PERCOLATION RATE	RESULT	COMMENTS	DATE
1	29 MIN. AT 3 FT.	PASSED	WATER @ 11 FT.	03/21/86
2	35 MIN. AT 3.5 FT.	PASSED	WATER @ 13 1/2 FT.	03/21/86
3	12 MIN. AT 1 1/2 FT.	PASSED		03/21/86
4	20 MIN. AT 3 1/2 FT.	PASSED	WATER @ 12 FT.	03/21/86
5		FAILED	WATER/CLAYEY @ 4 FT	03/21/86
6		FAILED	WATER/CLAYEY @ 10 FT	03/21/86

PERC. TEST 11/22/2006

8A	>30 MIN. AT 5 FT.	FAILED	DENSE SAPROLITE	11/22/06
8B	>30 MIN. AT 6 FT.	FAILED	DENSE SAPROLITE	11/22/06
8C	>30 MIN. AT 7 1/2 FT.	FAILED	DENSE SAPROLITE	11/22/06
8D	>30 MIN. AT 5 1/2 FT.	FAILED	DENSE SAPROLITE	11/22/06
8E	>30 MIN. AT 5 FT.	FAILED	DENSE SAPROLITE	11/22/06

PERC. TEST AREA "A"

8R	12 MIN. AT 4 FT.	PASSED	EL. = 702.84	12/23/06
8S	14 MIN. AT 5.5 FT.	PASSED	EL. = 700.76	12/23/06
8T	OBSERVATION HOLE	PASSED	EL. = 699.78	12/23/06
8U	OBSERVATION HOLE	PASSED	EL. = 699.2	12/23/06



SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
8A	GLENVILLE SILT LOAM, 0-8% SLOPES	
8B	CHESTER SILT LOAM, 2-8% SLOPES	
8C	DALE SILT LOAM	
8D	GLENELLO LOAM, 2-8% SLOPES	

GENERAL NOTES:

1. AREA OF PROPERTY = 26.074 ACRES
2. EXISTING USE = VACANT
3. PROPOSED USE = RESIDENTIAL/1 SINGLE FAMILY RESIDENTIAL
4. NUMBER OF UNITS ALLOWED = 1 UNIT
5. NUMBER OF UNITS PROPOSED = 1 UNIT
6. BOUNDARY AND TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY BY HOWARD COUNTY DATED 1998, VERIFIED IN FIELD BY CHARLES R. CROCKEN & ASSOC. DATED 9/06
7. BOUNDARY BASED ON DEED LIBER 9971/FOLIO 421 & PLAT # 4105
8. SERVICE WATER = PRIVATE, SEWER = PRIVATE
9. SOILS SURVEY MAP NO. 1
10. THERE ARE NO STREAMS, WETLANDS, OR STEEP SLOPES IN THE VICINITY OF THE SEWAGE EASEMENT EXCEPT AS OTHERWISE SHOWN HEREON.
11. NO ADDITIONAL SUBDIVISION OF SUBJECT PROPERTY IS REQUIRED FOR BLDG. PERMIT

HEALTH DEPARTMENT NOTES

1. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP, WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
2. THE AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000sq. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENTS.
3. THE WELL AREA SHALL HAVE A WELL DRILLED, GROUTED, AND YIELD TESTED PRIOR TO FINAL APPROVAL OF BUILDING PERMIT.
3. THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100' FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.
 - DENOTES "PASSED" PERCOLATION TEST (3/21/1986)
 - ⊕ DENOTES "FAILED" PERCOLATION TEST (3/21/1986)
 - DENOTES "PASSED" PERCOLATION TEST
 - ⊕ DENOTES "FAILED" PERCOLATION TEST
5. THE NEAREST WATER INTAKE STRUCTURE IS FIVE MILES +/- AWAY.
6. DENOTES 25% SLOPE, ONLY 25% OR STEEPER SLOPES WITHIN 100'± OF SEWAGE EASEMENT HAVE BEEN SHOWN ON PLAN.
7. THE EXISTING WELL SHOWN HEREON #10 81-178615 IS TO BE UTILIZED AS AN AGRICULTURAL WELL. AN A PERMIT APPLICATION IS TO BE FILED SIMULTANEOUSLY WITH THE APPROVAL OF THIS PERCOLATION CERTIFICATION PLAN.

SITE ANALYSIS

AREA OF PARCEL 26.074 ACRES ±
 THE MASTER PLAN OF HOWARD COUNTY
 PRESENT ZONING RC-DEO
 PROPOSED USE OF STRUCTURES = SINGLE FAMILY
 # UNITS ALLOWED = 1
 # UNITS PROVIDED = 1
 OPEN SPACE ON SITE = N/A
 HOWARD COUNTY FILE NO.: F-81-23

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

B. Nifan for Barry J. Rosenstein MD 1/26/2007
 HOWARD COUNTY HEALTH OFFICER rcb DATE

SCALE: 1" = 100'

NO.	DATE	REVISION
PERCOLATION CERTIFICATION PLAN FOR WOODCAMP FARM 17518 WOODCAMP RD. LOT #8 SINGLE FAMILY DETACHED LIBER 9971/FOLIO 421		
TAX MAP 7, GRID 7, PARCEL #409 4TH ELECTION DISTRICT		SEPTEMBER 7, 2006 ZONED RC-DEO HOWARD COUNTY, MARYLAND
DES. CHG.	OWNER/DEVELOPER RAY L. RACHUBA 346 MARINICH CT. ELDELSBURG, MD. 21784-4928 TEL (443) 938-3193	
CHK. C.R.G.		
DRW. E.M.V.		
CHARLES R. CROCKEN & ASSOCIATES, INC. CIVIL ENGINEER - LAND PLANNER P.O. BOX 307 WESTMINSTER, MARYLAND PH: 410-543-7100 FX: 410-543-5282		SCALE: 1" = 100' SHEET 1 OF 1