



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 1530984

AGENCY REVIEW: _____ DATE 5-1-09

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) James Bullington

DAYTIME PHONE _____ CELL 410 382 4509 FAX _____

MAILING ADDRESS 3816 B Jim Smith Lane Mt. Airy MD 21776-8208
STREET CITY/TOWN STATE ZIP

APPLICANT Brenda K. Lowrey

DAYTIME PHONE 410-564-4443 CELL 410-564-4443 FAX _____

MAILING ADDRESS 741 Middletail Ct. Mt. Airy MD 21771
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

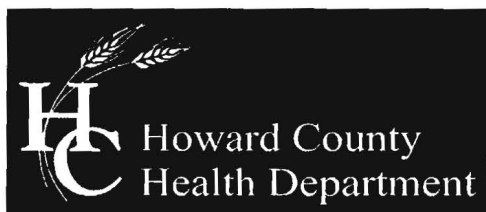
PROPERTY ADDRESS Bennett Rd. Mt. Airy, MD 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) Map 1 (251)? GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE 3.25

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. Brenda K. Lowrey
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



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

June 5, 2009

Brenda Lowrey
741 Middletrail Ct.
Mt. Airy, MD 21771

RE: PERCOLATION TEST RESULTS, Tax Map 1, Parcel 251; James L. Bullington
Property, West side of Bennett Road at South
Branch of Patapsco River, A-530984

Dear Ms. Lowery,

Percolation testing conducted on May 29, 2009, on the referenced property. The purpose for conducting these tests was to identify potential areas for wastewater treatment systems in support of potential new construction. The referenced property is not presently developed, and there is no record of previous test results in Howard County Health Department files. The subject property is bounded to the north by the South Branch Patapsco River. Also, an intermittent stream bisects the subject property as it flows east, then northeast to confluence with South Branch Patapsco River. A regulated 100-foot setback [COMAR 26.04.02.04J.(8)] from each stream must be observed.

Proposed test locations were reviewed and approved for testing by the Health Department. VanMar Associates staked five test locations (A, B, C, D and E) prior to the test date. These locations were pre-approved for testing after Health Department review.

Observation holes were dug at the five staked locations. All five locations were evaluated as unsuitable for onsite wastewater disposal as bedded, fractured rock greater than 50 percent volume [COMAR 26.04.02.01B(44)] occurred at depths ranging from 1.5 feet ('A') to 3.8 feet ('E'). Additionally water seeps were observed at locations 'B' and 'D' at depth of 3 feet, and the water level at location 'E' was observed at 6 feet.

Three more locations ('F', 'G' and 'H') were observed within the proposed septic easement or in near proximity to it. All three locations had bedded, fractured rock greater than 50 percent volume at depth of 1.5 feet. A shallow depression next to a pile of flaggy and channery soil was observed in the area east of test location 'G'. This is evidence of an earlier excavation, though not recent as the rock fragments are relatively free of sand, silt or clay particles.

Four locations ('I', 'J', 'K' and 'L') were dug and observed in the eastern portion of the subject property. Fractured rock greater than 50 percent volume was observed beginning at depths ranging from 2 feet to 3 feet.

Generally all test locations were dug to depths at least 2 feet deeper than the depth where greater than 50 percent rock was observed. Rock content increased with depth throughout the subject property. All slope segments outside of the 100-foot stream setback that were measured with a clinometer or by scaled distance across the drawn topographic contours are 14 percent or greater.

The 12 test locations fairly represent those portions of the subject property not impacted by the 100-foot stream setbacks. An adequate soil buffer as required by Code of Maryland [COMAR 26.04.02.04C.(1); 26.04.02.04A.(1)(e); 26.04.02.04E.] does not exist in the naturally occurring soil on the subject property. Infiltration tests for sand mounds are inappropriate as the measured slopes are greater than 12 percent [COMAR 26.04.02.05Q.(1)(d)]. The owner of this property may request that the Health Department declare the subject property as 'NonBuildable'.

Should you disagree with this assessment you may hire a private consultant, such as a Certified Professional Soil Scientist (CPSS) to conduct an evaluation of the property. Such evaluation is subject to review and /or field confirmation by the Howard County Health Department and the Maryland Department of the Environment.

If you have further questions regarding this project, you may contact me by calling (410) 313-2691.

Respectfully,

A handwritten signature in black ink, appearing to read "Robert Bricker".

Robert Bricker, CPSS, RS
Well and Septic Program
Development Coordination Section

Enclosures: perc test data and approximate test locations

Copy: James L. Bullington, owner
File

A/P

(E)

0.2' grey-brn loam
2' 1/2' grey
1.5' pale yel-brn chs sil
2.7' brn vch sil
3.8' brn vfl sil
60%+ flags
6' water level
6.0'

(S)

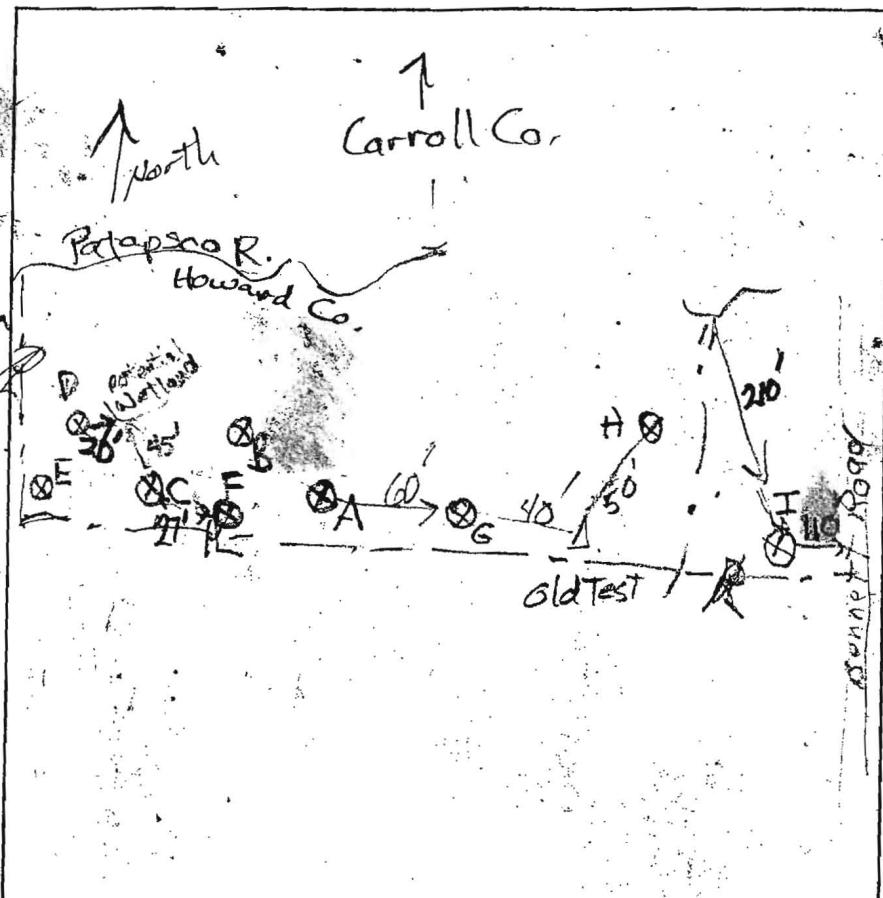
0.6' dk brn loam to brn loam
1' yel brn grcl
1' yel-brn vch sil
2' irregular boundary grey vfl sil
60%+ flags
3' water seep
3.4' stop

(C)

similar to D without step

(D)

2'-3.5' yel-red chs sil
e-3d grey
3'-water seeps



DATE	TEST.#	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H
5/29/09	A, F, G	1.5'	Visual	>50% rock	fractured	F	
5/29/09	B	2'-3'	Visual	>50% fractured rock	water seep @ 3'	F	
5/29/09	C	2'	Visual	2', >50% fractured rock		F	
5/29/09	D	3'	Visual	water seeps at 3'		F	
5/29/09	E	3.8'	Visual	>50% fractured rock		F	
5/29/09	I, J	3'	Visual	>50% fractured rock		F	
5/29/09	K	2'	Visual	>50% fractured rock		F	
5/29/09	L	2.4'	Visual	>50% fractured rock		F	

REMARKS Rock content increases with depth in all holes
 SANITARIAN RP BACKHOE Joe OTHERS Brenda Lowery
Vicki Shaw
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

grey-brn loam to brn loam
0.5' yel brn chs sil
0.9' yel-brn vch sil
1.5' irregular boundary grey vfl sil
70-75% schist (bedded)
3' hard digging
(I)
0.2' dk brn loam to brn loam
1.4' yel brn grcl 1/2' sbk
3.0' yel-red vch sil
4.0' brn vfl sil
4.5' 3' similar dig to 5' similar to 1A dug to 4.5'

A/P

(E)

gray-brn
loam
to brn
loamyel-brn
grcl / tsbkpale yel-brn
ch sil

2' f grey

brn vch sil

brn vfl sil

60%+ flags

water level

(S)

dk brn loam
to brn loamyel brn
grclyel-brn
vch silirregular
boundary

grey vfl sil

60%+ flags

bedded schist

water seep

3.4' stop

(C)

similar
to 'B'bit without water
seep

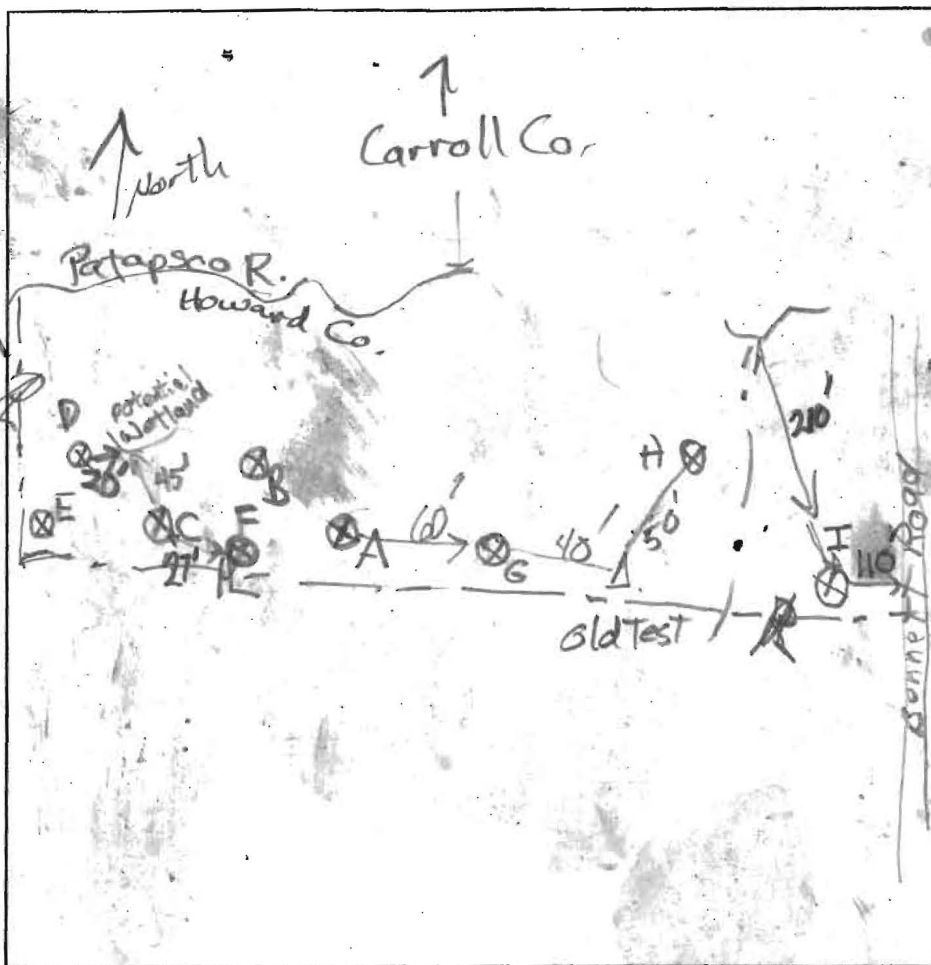
(D)

2'-3.5'

yel-red ch sil

c 3d grey

3'-water seeps

gray-brn
loam
to brn
loamyel brn
ch silyel-brn
vch silirregular-
boundary

grey vfl sil

70-75% schist
(bedded)hard
digging

(I)

dk brn loam
to brn loamyel-brn
grcl / tsbkyel-red
vch sil

brn vfl sil

60%+ flags

brn x fl sil

5' similar
dig to 5'1.4' similar
to 'A'

dig to 4.5'

DATE	TEST.#	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/29/09	A, F, G	1.5'	Visual	> 50% rock	fragmented	F	
5/29/09	B	2'-3'	Visual	> 50% fractured rock	water seep @ 3'	F	
5/29/09	C	2'	Visual	> 50% fractured rock		F	
5/29/09	D	3'	Visual	water seeps, at 3'		F	
5/29/09	E	3.8'	Visual	> 50% fractured rock		F	
5/29/09	I, J	3'	Visual	> 50% fractured rock		F	
5/29/09	K	2'	Visual	> 50% fractured rock		F	
5/29/09	L	2.4'	Visual	> 50% fractured rock		F	

REMARKS

SANITARIAN

TEST HOLES USED IN SDA

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

Rock content increases with depth in all holes

Joe

Joe

Joe

Brenda Lowery

Vicki Shaw

AVG. PERC TIME

SQ. FT/BR



Bureau of Environmental Health
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website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

May 8, 2009

To: Tom Frazier
VanMar Associates, Inc.

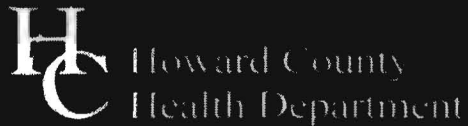
From: Robert Bricker, CPSS, RS
Development Coordination Section
Well & Septic Program

RE: PERCOLATION TEST PLAN, Bullington Property-Bennett Road (for Brenda Lowrey),
A530984

A percolation test date may be set after correction of the Perc Test Plan.

A portion of the proposed septic easement and to proposed percolation test locations are shown in the Hatboro (Ha) soil map unit. The Hatboro soil is an alluvial soil and regulated in Maryland as 'Do Not Test'.

Copy: File



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Peter L. Beilenson, M.D., M.P.H., Health Officer

October 15, 2009

James L. Bullington, owner
3816 B Jim Smith Lane
New Windsor, MD 21776

RE: Property Unusable for On-Site Sewage Disposal Systems -Improper soil conditions;
Tax Map 1, Parcel 251; James L. Bullington Property, West side of
Bennett Road at South Branch of Patapsco River

Dear Mr. Bullington,

The Health Department has determined that an on-site sewage disposal system cannot be permitted on the subject property due to improper soil conditions. Should you disagree with this assessment you may hire a private consultant, such as a Certified Professional Soil Scientist (CPSS) to conduct an evaluation of the property. Such evaluation is subject to review and /or field confirmation by the Howard County Health Department and the Maryland Department of the Environment.

Summary

Percolation testing was conducted on May 29, 2009, on the referenced property. The purpose for conducting these tests was to identify potential areas for wastewater treatment systems in support of potential new construction. The referenced property is not presently developed, and there is no record of previous test results in Howard County Health Department files. The subject property is bounded to the north by the South Branch Patapsco River. Also, an intermittent stream flows through the subject property to confluence with South Branch Patapsco River. A regulated 100-foot setback [COMAR 26.04.02.04J.(8)] from each stream must be observed.

Observation holes were dug at five staked locations. All five locations were evaluated as unsuitable for onsite wastewater disposal as bedded, fractured rock greater than 50 percent volume [COMAR 26.04.02.01B(44)] occurred at depths ranging from 1.5 feet ('A') to 3.8 feet ('E'). Additionally water seeps were observed at locations 'B' and 'D' at depth of 3 feet, and the water level at location 'E' was observed at 6 feet.

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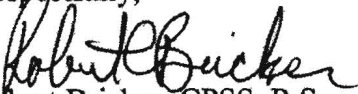
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The 12 test locations fairly represent those portions of the subject property not impacted by the 100-foot stream setbacks. An adequate soil buffer as required by Code of Maryland [COMAR 26.04.02.04C.(1); 26.04.02.04A.(1)(e); 26.04.02.04E.] does not exist in the naturally occurring soil on the subject property. Infiltrometer tests for sand mounds are inappropriate as the measured slopes are greater than 12 percent [COMAR 26.04.02.05Q.(1)(d)].

Furthermore, the option for a 'Holding Tank' is not available for this property. Howard County Code does not specify provisions of holding tank approval except as a 'Repair' for a failed existing onsite sewage disposal system. In essence, as a septic system does not already exist on the subject property, there is no chance that a holding tank will be permitted.

If you have further questions regarding this project, you may contact me by calling (410) 313-2691.

Respectfully,

A handwritten signature in black ink, appearing to read "Robert Bricker", written over the printed name.

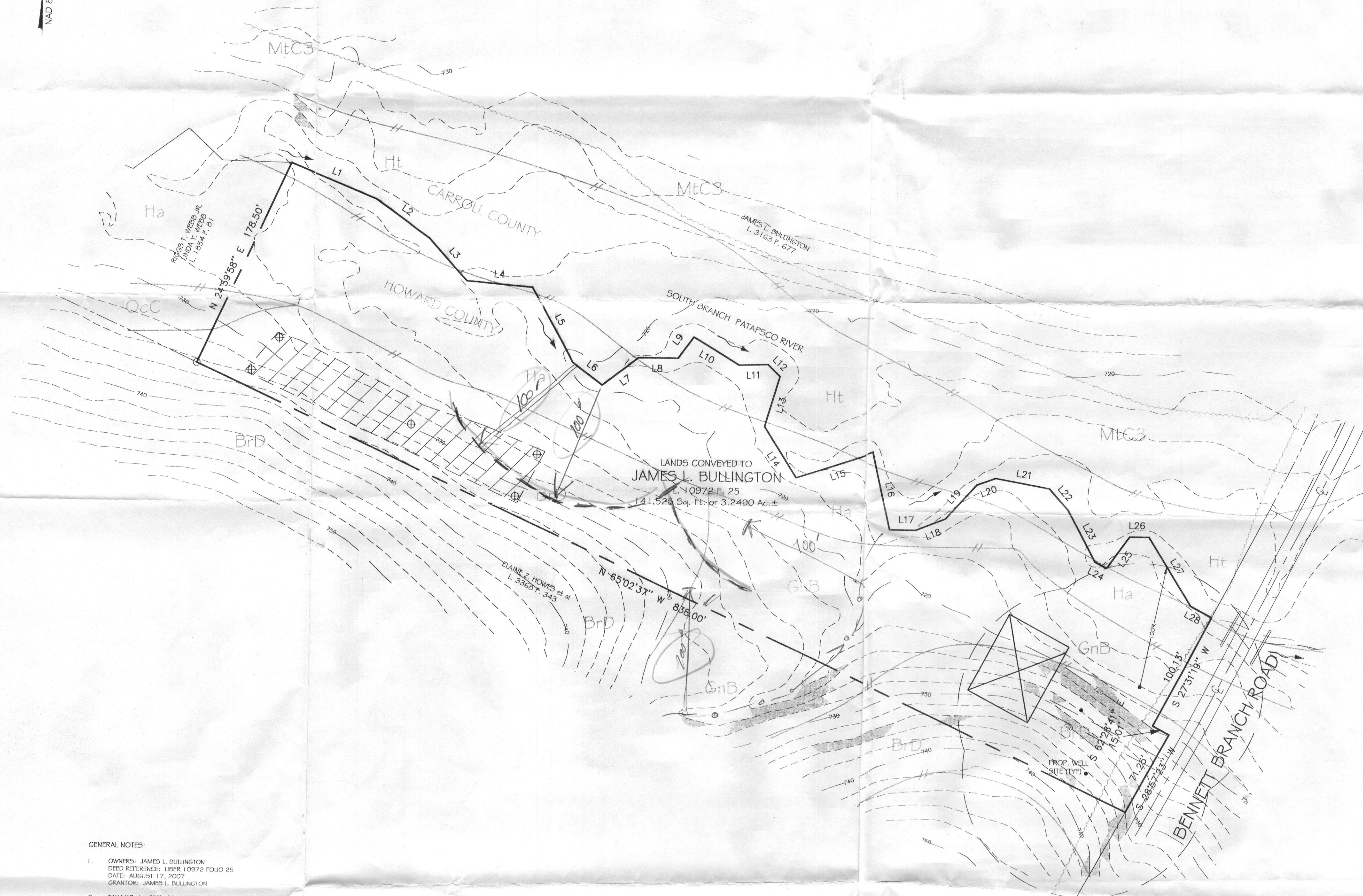
Robert Bricker, CPSS, R.S.

Well and Septic Program

Development Coordination Section

Copy: File

NAD 83



GENERAL NOTES:

- OWNERS: JAMES L. BULLINGTON
DEED REFERENCE: LIBER 10972 FOLIO 25
DATE: AUGUST 17, 2007
GRANTOR: JAMES L. BULLINGTON
- TAX MAP: 1 GRID: 22 PARCEL: 251
- NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 1 MILE ±
- THERE IS NO FLOOD HAZARD AREA (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY #240044 0001 B, REVISED DECEMBER 4, 1996.
- TOPOGRAPHY: FROM HOWARD COUNTY GIS DATA, FIELD SPOT-CHECKED BY VANMAR ASSOCIATES. VERTICAL DATUM IS NAVD83. CONTOUR INTERVAL IS 2 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
- SOIL TYPE: BvD (BRINKLOW), GbD (GLENNVILLE SAND), H4 (HATBORO COCORUS), H6 (HATBORO), MtC3 (MT. AIRY), QcC (OCCOQUAN). HOWARD COUNTY SOILS MAP No. 1.
- ZONING DISTRICT: RC20
- ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF THE FINAL PIA FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PIAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PIAT.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISIT PERCOLATION CERTIFICATION PLAN.

PROPOSED PERCOLATION TEST SITE:	⊕
(PASSED) PERCOLATION TEST SITE:	⊙
(FAILED) PERCOLATION TEST SITE:	⊗
EXISTING WELL:	⊙
PROPOSED HOUSE SITE:	⊠
PROPOSED WELL SITE:	⊙
25% SLOPES:	▬

OWNER/APPLICANT:
C/O BRENDA LOWREY
741 MIDDLETRAIL CT.
MT. AIRY, MD 21771
443-266-7309

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY SUPERVISION AND IS CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS L. FRAZIER, JR., P.E., L.S., MD, REG. # 21097 DATE 5/1/09

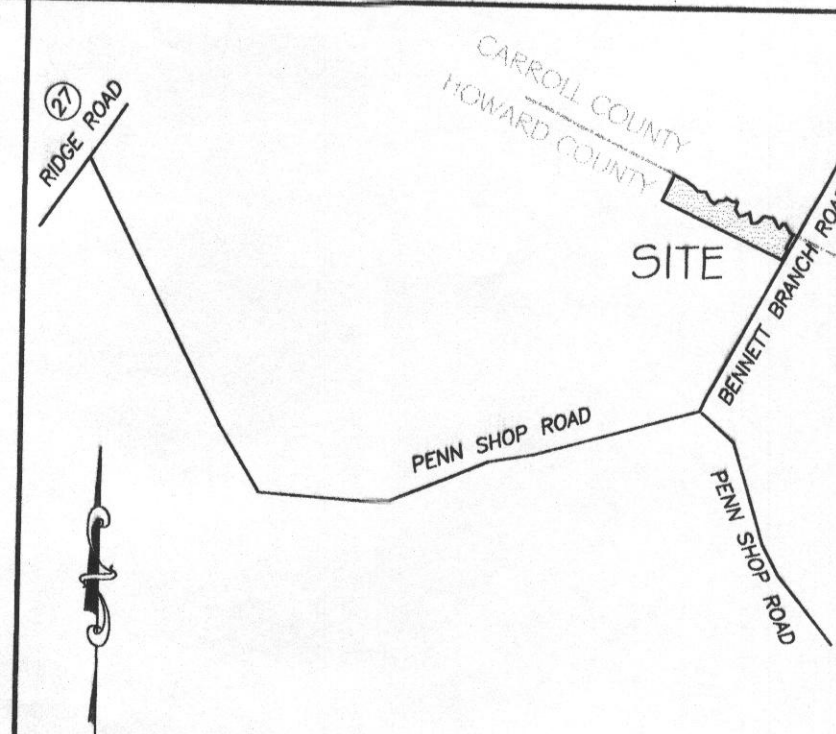


PERCOLATION TEST PLAN
LANDS CONVEYED TO
JAMES L. BULLINGTON
LIBER 10972 AT FOLIO 25
SITUATED ON BENNETT ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"= 50' APRIL 2009

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
©Copyright, Latest Date Shown

NUMBER	DIRECTION	DISTANCE
L1	S 67°35'44" E	74.81'
L2	S 55°13'50" E	53.12'
L3	S 41°34'16" E	46.07'
L4	S 85°11'17" E	53.41'
L5	S 28°34'50" E	68.89'
L6	S 53°30'56" E	29.99'
L7	N 53°00'59" E	36.23'
L8	N 89°43'08" E	32.21'
L9	N 36°43'06" E	21.03'
L10	S 59°4'24" E	42.64'
L11	N 88°18'26" E	23.53'
L12	S 46°13'27" E	13.56'
L13	S 16°5'45" W	41.81'
L14	S 32°12'28" E	48.89'
L15	N 71°47'04" E	67.57'
L16	S 72°51'34" E	64.73'
L17	S 89°59'47" E	21.10'
L18	N 66°19'17" E	25.79'
L19	N 41°25'58" E	37.76'
L20	N 68°36'01" E	16.57'
L21	S 79°57'31" E	44.55'
L22	S 41°21'55" E	23.03'
L23	S 28°19'22" E	47.54'
L24	S 62°05'51" E	10.73'
L25	N 35°09'06" E	31.58'
L26	N 89°53'06" E	15.80'
L27	S 32°11'59" E	64.86'
L28	S 82°01'04" E	18.47'

VICINITY MAP
SCALE: 1"= 1200' TAX MAP 1 PARCEL 251



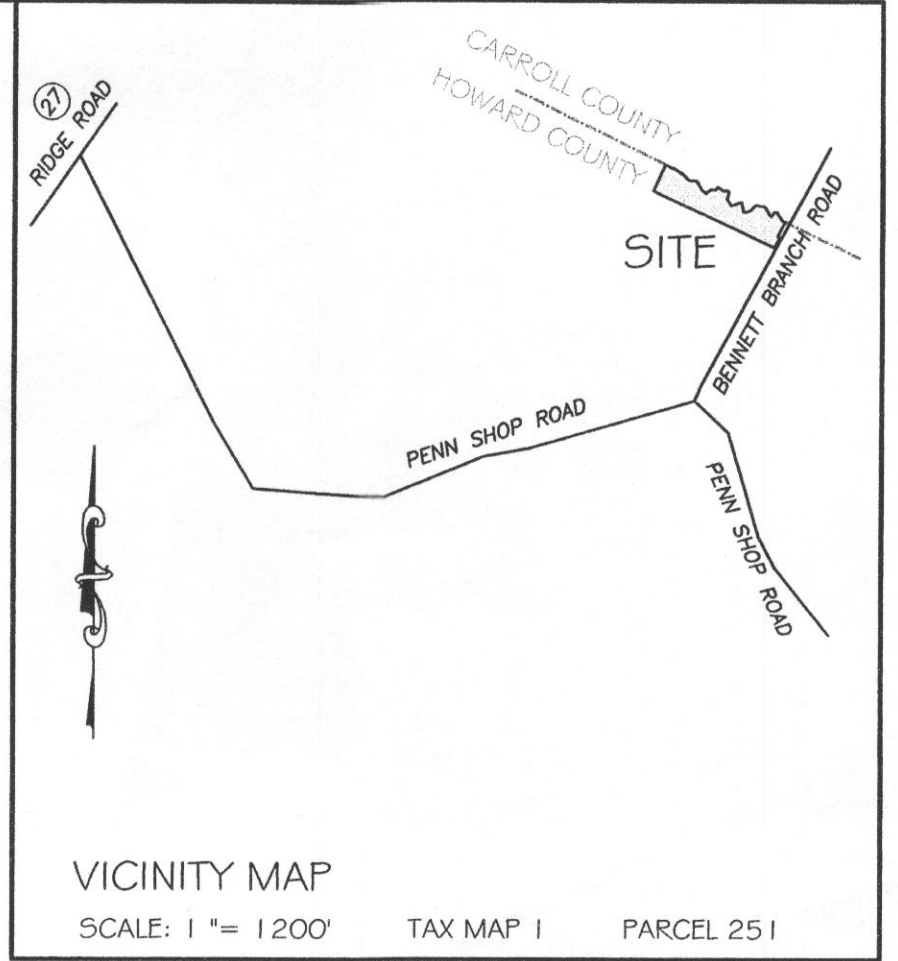
APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS, HOWARD
COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE

NAD 83



LINE TABLE		
NUMBER	DIRECTION	DISTANCE
L1	S 67°35'44" E	74.81'
L2	S 59°13'20" E	53.12'
L3	S 41°34'16" E	46.07'
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L6	S 53°38'46" E	28.99'
L7	N 53°05'59" E	36.23'
L8	N 89°43'08" E	32.21'
L9	N 39°43'56" E	21.03'
L10	S 59°41'24" E	42.64'
L11	N 88°18'26" E	23.53'
L12	S 46°15'27" E	13.56'
L13	S 16°52'45" W	41.81'
L14	S 32°18'28" E	48.69'
L15	N 71°47'04" E	67.57'
L16	S 12°51'54" E	64.73'
L17	S 89°59'47" E	21.10'
L18	N 88°18'17" E	25.78'
L19	N 41°25'58" E	37.78'
L20	N 69°36'01" E	16.27'
L21	S 78°57'31" E	44.25'
L22	S 41°30'55" E	23.03'
L23	S 28°09'27" E	47.54'
L24	S 62°06'51" E	10.73'
L25	N 35°29'08" E	31.58'
L26	N 89°53'08" E	15.60'
L27	S 32°11'58" E	64.88'
L28	S 62°01'04" E	19.47'



- GENERAL NOTES:
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DATE: AUGUST 17, 2007
GRANTOR: JAMES L. BULLINGTON
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 - THERE IS NO FLOOD HAZARD AREA (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY FIRM# 260044-0001 D, REVISED DECEMBER 4, 1996.
 - TOPOGRAPHY: FROM HOWARD COUNTY GIS DATA, FIELD SPOT-CHECKED BY VANMAR ASSOCIATES. VERTICAL DATUM IS NAVD83. CONTOUR INTERVAL IS 2 FEET.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - SOIL TYPE: B-D (BRINKLOW), G-B (GLENVILLE-BAILEY), H-B (HATBORO-CDORUS), Ht (HATBORO), MtC3 (MT. AIRY), O-C (OCCOQUAN). HOWARD COUNTY SOILS MAP No. 1.
 - ZONING DISTRICT: RCDEO
 - ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF THE FINAL PLAT FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
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 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

PROPOSED PERCOLATION TEST SITE: ⊕

(PASSED) PERCOLATION TEST SITE: ⊙

(FAILED) PERCOLATION TEST SITE: ⊛

EXISTING WELL: ●

PROPOSED HOUSE SITE: ☒

PROPOSED WELL SITE: ○

25% SLOPES: ▨

OWNER/APPLICANT:
C/O BRENDA LOWREY
741 MIDDLETRAIL CT.
MT. AIRY, MD 21771
443-266-7309

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY SUPERVISION AND IS CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS L. FRAZIER, JR., PROF. L.S., MD. REG. # 21097 DATE 5/15/09

DATE: 5/11/09
REVISIONS:
5/15/09 PER HD COMMENTS
5/15/09 PER HD COMMENTS

PERCOLATION TEST PLAN
LANDS CONVEYED TO
JAMES L. BULLINGTON
LIBER 10972 AT FOLIO 25
SITUATED ON BENNETT ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' APRIL 2009

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
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APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS, HOWARD
COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER: DATE

NAD 83

LINE TABLE		
NUMBER	DIRECTION	DISTANCE
L1	S 87°35'44" E	74.81'
L2	S 59°13'20" E	53.12'
L3	S 41°34'16" E	46.07'
L4	S 45°11'17" E	53.41'
L5	S 18°34'50" E	88.89'
L6	S 53°38'46" E	29.99'
L7	N 33°05'59" E	36.23'
L8	N 89°43'08" E	32.21'
L9	N 10°43'59" E	21.03'
L10	S 59°41'24" E	42.64'
L11	N 68°18'26" E	23.53'
L12	S 6°15'27" E	13.56'
L13	S 69°45'45" W	41.81'
L14	S 2°18'28" E	48.69'
L15	N 71°47'04" E	67.57'
L16	S 2°51'54" E	64.73'
L17	S 69°59'42" E	21.10'
L18	N 6°18'17" E	25.78'
L19	N 1°25'58" E	37.76'
L20	N 69°36'01" E	18.22'
L21	S 28°57'11" E	44.28'
L22	S 1°30'55" E	23.03'
L23	S 28°09'27" E	47.54'
L24	S 42°08'51" E	10.73'
L25	N 5°29'06" E	31.58'
L26	N 19°53'06" E	15.60'
L27	S 2°11'59" E	64.86'
L28	S 62°01'04" E	19.47'

VICINITY MAP
SCALE: 1" = 1200'
TAX MAP 1
PARCEL 1



GENERAL NOTES:

- OWNERS: JAMES L. BULLINGTON
DEED REFERENCE: LIBER 10972 FOLIO 25
DATE: AUGUST 17, 2007
GRANTOR: JAMES L. BULLINGTON
- TAX MAP: 1 GRID; 2: PARCEL 251
- NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 1 MILE ±
- THERE IS NO FLOOD HAZARD AREA (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL# 240044 0001 B, REVISED DECEMBER 4, 1996.
- TOPOGRAPHY: FROM HOWARD COUNTY GIS DATA, FIELD SPOT-CHECKED BY VANMAR ASSOCIATES. VERTICAL DATUM IS NAVD83. CONTOUR INTERVAL IS 2 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
- SOIL TYPE: BnD (BROWNLOW), GbD (GLENNVILLE-DAILE), Hs (HATBORO-CODORUS), Ht (HATBORO), MtC3 (MT. AIRY, ODC (COCODRUM), HOWARD COUNTY SOLS MAP No. 1.
- ZONING DISTRICT: RCD0
- ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF THE FINAL PLAT FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
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PROPOSED PERCOLATION TEST SITE:

(PASSED) PERCOLATION TEST SITE:

(FAILED) PERCOLATION TEST SITE:

EXISTING WELL:

PROPOSED HOUSE SITE:

PROPOSED WELL SITE:

25% SLOPES:

OWNER/APPLICANT:
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THOMAS L. FRAZIER, JR., PROF. L.S., MD. REG. # 21097
DATE: 5/13/09

DATE	REVISIONS
5/11/09	PER HD COMMENTS
5/15/09	PER HD COMMENTS



PERCOLATION TEST PLAN
LANDS CONVEYED TO
JAMES L. BULLINGTON
LIBER 10972 AT FOLIO 25
SITUATED ON BENNETT ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' APRIL 2009

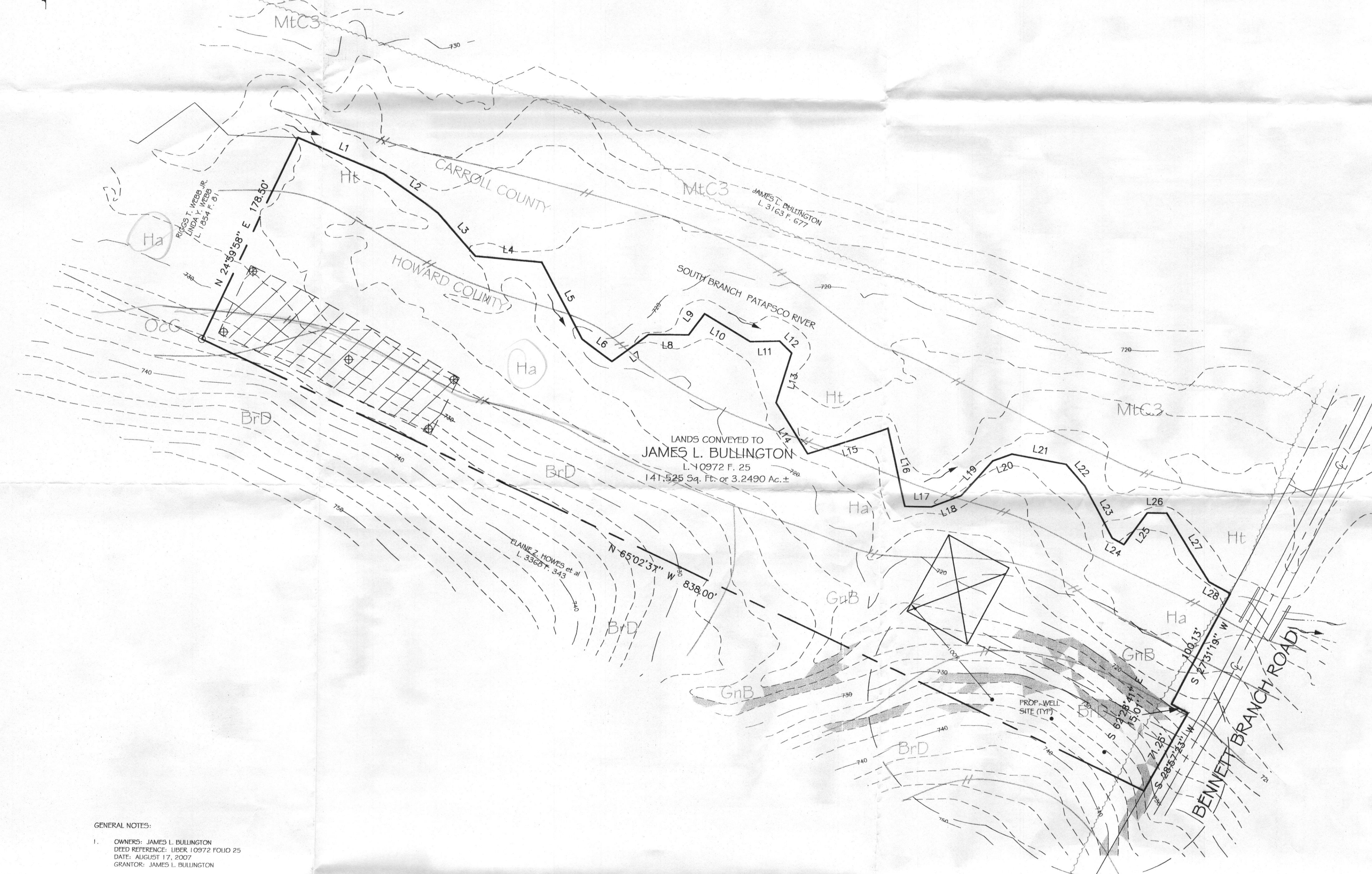
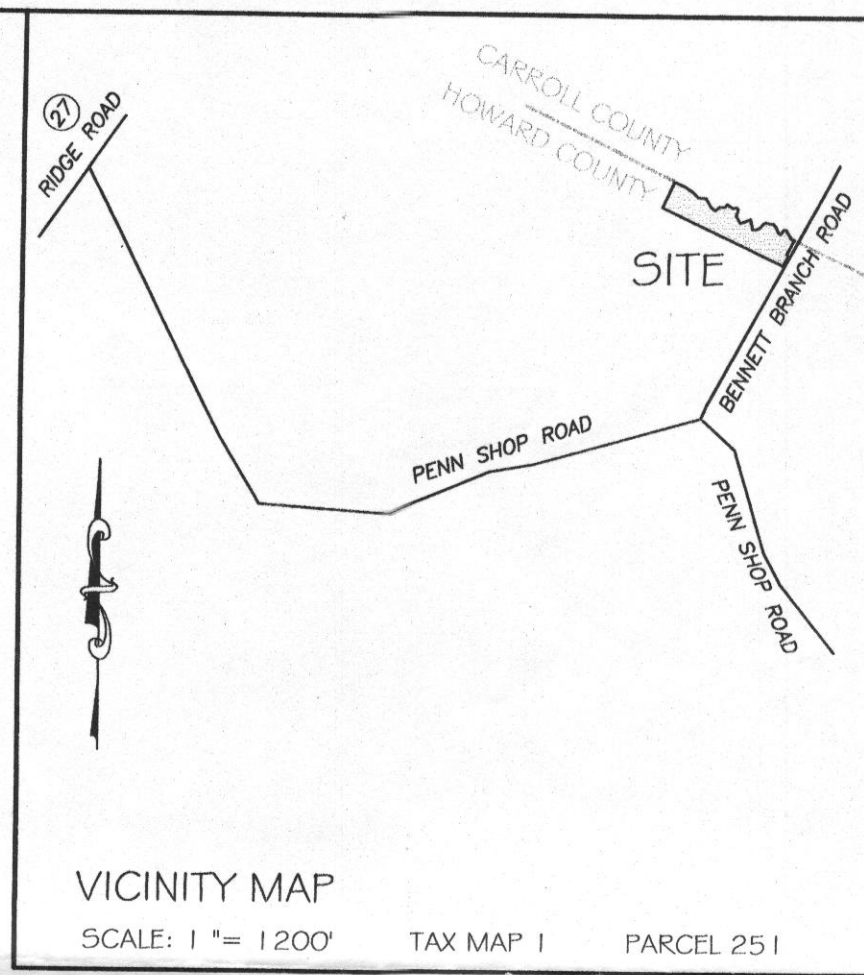
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APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS, HOWARD
COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER: _____ DATE: _____

NAD 83

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 - ZONING DISTRICT: RCD20
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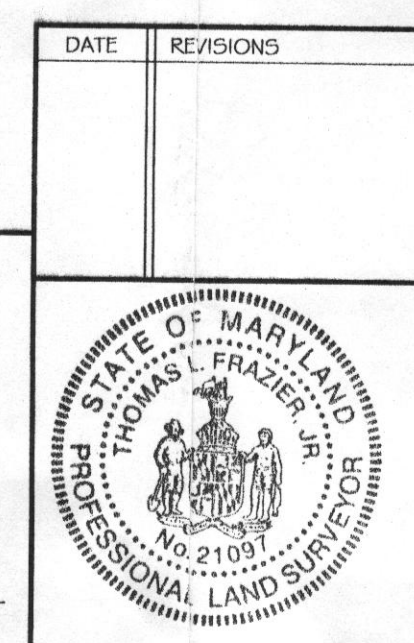
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Thomas L. Frazer 4/30/09
THOMAS L. FRAZER, J., PROF. L. S., MD. REG. # 21097 DATE



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Septic easement proposed
on Ha, alluvial soil
(Ht/Boro)

TS@VanMar.com
Tom Frazer

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COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER: DATE