



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 10/4/2007 TEST TIME 9AM AP 527344

AGENCY REVIEW: _____ DATE _____

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 0 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) Gerald Bennett

DAYTIME PHONE 4104894933 CELL _____ FAX _____

MAILING ADDRESS 2550 Jennings Chapel Rd. Woodbine Md.
STREET CITY/TOWN STATE ZIP

APPLICANT Rodney Waddell

DAYTIME PHONE 3018291019 (CELL 4433981278) FAX _____

MAILING ADDRESS 766 W. Watersville Rd 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 2550 Jennings Chapel Rd. Woodbine
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 13 GRID 9 PARCEL(S) 122 PROPOSED LOT SIZE 1.18

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.

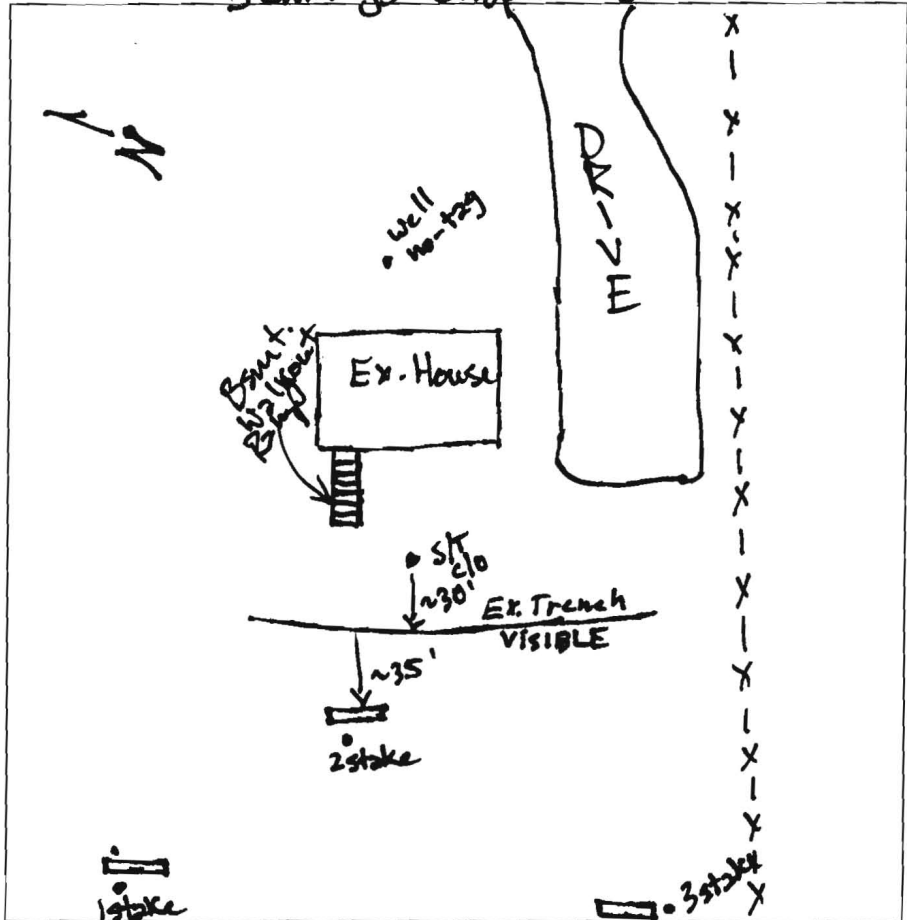
TEST RESULTS WILL BE MAILED TO APPLICANT. Rodney Waddell
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP 527344

Jennings Chapel Rd.

- 2
 - Pale Y. Brn 3sbk (gr. cr) cw SL 8"
 - Yel. Red 3sbk ch. ~10% SL 2
 - Yel. Red ch. FSL ~25% 5
 - Yel/Red SL ch. ~25% schist/phyllite 10
 - Qtz Frags ~30% HB 11
- 1
 - Pale Yel Brn 3sbk (gr. cr) cw SL 1
 - Red/Yellow ch. ~20% 3sbk SL 2 1/2
 - Yellow & Red FSL ch. ~20% 5
 - Yellow SL ch. ~25% Qtz, mica schist, phyllite 12
- 3
 - Pale Yel Brn 3sbk gr. cr. cw SL 8"
 - Yellow 3sbk SL ch. ~20% 2
 - Red Brn ch. ~25% SL 5
 - Yellow/Red ch. ~30% SL 11
 - ~40% Qtz 12



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/4/07	2	4/11	9:50	9:55	10:03	8m	P
	1	4/12	10:21	10:22	10:24	~2m 15s ~2m	P
	3	4/12	10:48	10:51	10:58	7m	P

REMARKS Holes dug per plan +/- 3-4'
 SANITARIAN GAC BACKHOE _____ OTHERS Cracken Mr Waddell
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

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

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

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- ADDITION TO AN EXISTING STRUCTURE
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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 3 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) GERALD E. BENNETT

DAYTIME PHONE 410-489-4933 CELL _____ FAX _____

MAILING ADDRESS 2550 JENNINGS CHAPEL RD WOODRIDGE MD. 21797
STREET CITY/TOWN STATE ZIP

APPLICANT CHARLES R. CROCKEN & ASSOC. INC.

DAYTIME PHONE 410-549-2708 CELL N/A FAX 410-549-9063

MAILING ADDRESS 902 LEE AVE. SYKESVILLE MD 21784
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SOUTH OF FLORENCE RD. ON
SUBDIVISION/PROPERTY NAME WESTSIDE JENNINGS CHAPEL RD. LOT NO. N/A

PROPERTY ADDRESS 2550 JENNINGS CHAPEL RD WOODRIDGE, MD.
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 13 GRID 9 PARCEL(S) 122 PROPOSED LOT SIZE 1.189 AC.

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 R. Crocken 9/12/07
SIGNATURE OF APPLICANT
CHARLES R. CROCKEN P.E.

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

10/4/2007

To: Rodney Waddell
766 W. Watersville Rd.
Mt. Airy, MD 21771

From: Gabe Creighton, Environmental Sanitarian
Well and Septic Program

Re: Percolation Testing A527344
2550 Jennings Chapel Rd.
Woodbine, MD 21797

Mr. Waddell,

Percolation tests conducted on 10/4/2007 on the above referenced property have indicated suitable conditions for on-site sewage disposal systems. Soils on the site appear to be suitable for the proposal of an addition to the existing dwelling on the property and establishing a septic reserve area as proposed in preliminary plans. No limiting conditions were found to be a factor of concern at this time.

Further review of the property is contingent upon submission of a percolation certification plan as required by Howard County Code Section 3.805 indicating a proposed sewage disposal area, and the house's new footprint after the addition. Percolation test notes from the testing done 10/4/2007 are enclosed as well are a summary of these regulations and a chart indicating the most frequently applicable setbacks from private wells and septic systems.

Once this office has received the percolation certification plan, it will be reviewed for applicability of the regulations and will be approved when found to be acceptable. If submissions of the percolation certification plans are found to be unsuitable, comments to be addressed in subsequent submissions of the plan will be sent to the engineer/surveyor.

It should be noted that the existing septic tank on this property will be too close to the proposed addition, and that the proposal would require the additional replacement of the septic tank to meet current setback and minimum septic tank storage capacity requirements prior to building permit approval. A permit fee of \$165.00 will be assessed for the issuance of a permit to conduct this work.

If you have any questions regarding this, at this time or in the future, please do not hesitate to contact this office at (410) 313-2775.

Respectfully

A handwritten signature in black ink, appearing to read 'Gabriel A. Creighton'.

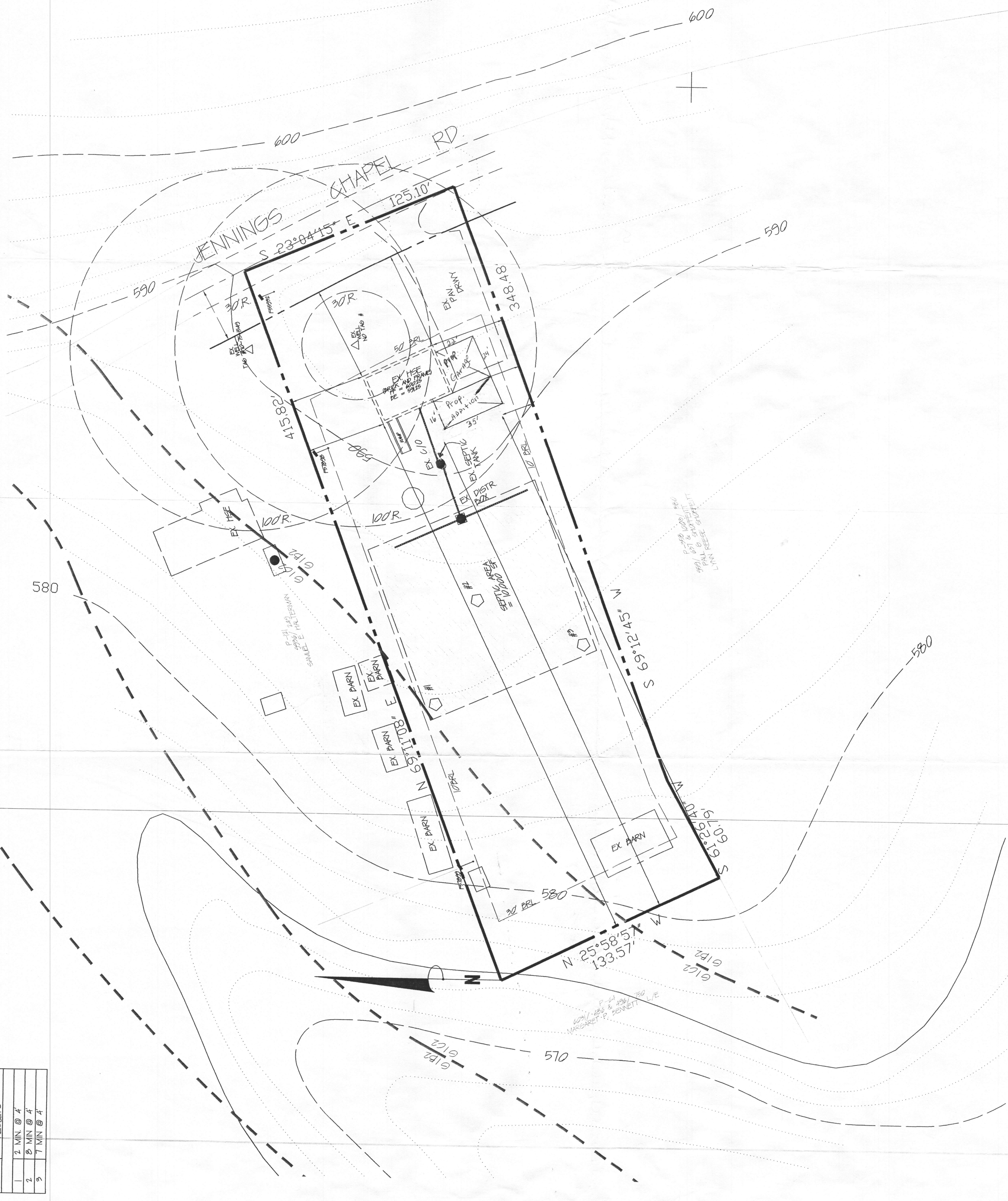
Gabriel A. Creighton, R.S.
Development Coordination Section
Well and Septic Program

Enclosures

cc: File

Charles R. Crocken and Associates, Inc.: Fax (410) 549-9063
Gerald Bennett, 2550 Jennings Chapel Rd. Woodbine, MD 21797

PERCOLATION TEST RESULTS	
#	RESULTS
1	2 MIN @ 4"
2	5 MIN @ 4"
3	7 MIN @ 4"



SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
① B2	GLAUCOUS LOAM, 3-8% SLOPES	D
① C2	GLAUCOUS LOAM, 8-12% SLOPES	C

VICINITY MAP
SCALE 1"=200'

HEALTH DEPARTMENT NOTES

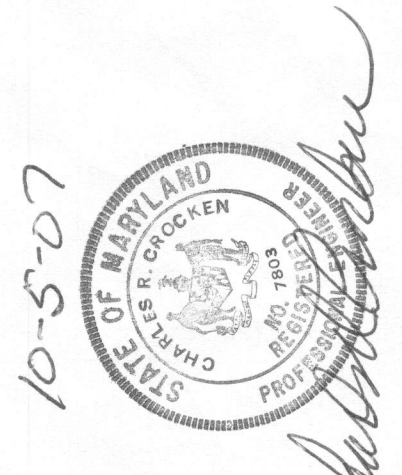
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
2. THE AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 sq. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL PERMITS. ANY NATURE 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. THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.
 - PENOTES "PASSED" PERCOLATION TEST
 - PENOTES "FAILED" PERCOLATION TEST
4. THE NEAREST WATER INTAKE STRUCTURE IS FIVE MILES +/- AWAY.
5. PENOTES 2% SLOPE, ONLY 15% OR STEEPER SLOPES WITHIN 100± OF SEWAGE EASEMENT HAVE BEEN SHOWN ON PLAN.

GENERAL NOTES:

1. SUBJECT PROPERTY IS ZONED RC-DEO
2. AREA OF PROPERTY = 1189 ACRES
3. EXISTING USE = SINGLE FAMILY RESIDENTIAL
4. PROPOSED USE = SINGLE FAMILY RESIDENTIAL
5. NUMBER OF UNITS ALLOWED (EXIST) = 1 UNITS
6. NUMBER OF UNITS PROPOSED = 1 EXIST = 1 UNIT
- *7. BOUNDARY AND TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY BY HOWARD COUNTY DATED 10/20/07 AND VERIFIED IN THE FIELD BY CHARLES R. CROCKEN & ASSOC. DATED 10/20/07
8. BOUNDARY BASED ON DEED LIBER 460 / FOLIO 33
9. SERVICE WATER = PRIVATE, SEWER = PRIVATE
10. SOILS SURVEY MAP NO. 6

SITE ANALYSIS

AREA OF LOT = 1189 AC.
THE MASTER PLAN OF HOWARD COUNTY
PRESENT ZONING = RC-DEO
PROPOSED USE OF STRUCTURES = SINGLE FAMILY
UNITS ALLOWED = 1 EXISTING
OPEN SPACE ON SITE = N/A
HOWARD COUNTY FILE NO. 5



10-5-07

REVISION	
NO.	DATE

PERCOLATION CERTIFICATION TEST PLAN
BENNETT
FOR PROPERTY
2550 JENNINGS CHAPEL RD.
SINGLE FAMILY DETACHED
LIBER 460 / FOLIO 33

TAX MAP 19, GRID 9 PARCEL #22
4TH ELECTION DISTRICT
DATE: 1/16/08
ZONED = RC-DEO
TOWARD COUNTY, MARYLAND

DEVELOPER/OWNERS:
GERALD E. BENNETT
2550 JENNINGS CHAPEL RD.
WOODPINE MD. 21791-7825
TEL: (410) 483-4999

PREPARED BY:
CHARLES R. CROCKEN & ASSOCIATES, INC.
ONE HOWARD RD. BOX 307
NEWMARKET, MARYLAND
22114
SCALE: 1" = 50'

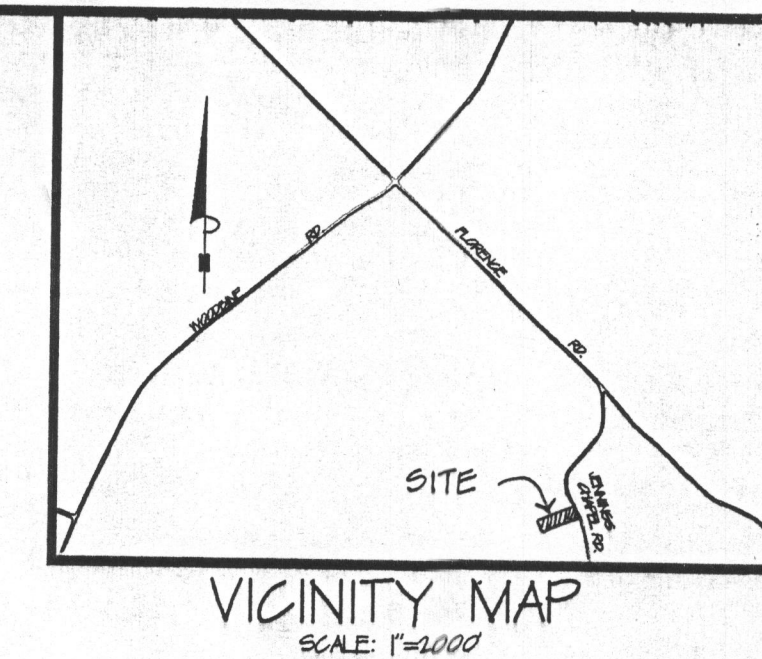
APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Charles R. Crocken
TOWARD COUNTY HEALTH OFFICER

10/23/07
DATE

PERCOLATION TEST RESULTS	
#	RESULTS
1	
2	OBSERVATION PASSED
3	

SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
61D1	ELENELO LOAM, 2-12% SLOPES	D
61C1	ELENELO LOAM, 2-12% SLOPES	C



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 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
 - 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.

GENERAL NOTES:

1. SUBJECT PROPERTY IS ZONED RC-DEO
2. AREA OF PROPERTY = 1.189 ACRES±
3. EXISTING USE = SINGLE FAMILY RESIDENTIAL
4. PROPOSED USE = SINGLE FAMILY RESIDENTIAL
5. NUMBER OF UNITS ALLOWED (1 EXIST.) = 1 UNIT
6. NUMBER OF UNITS PROPOSED = 1 EXIST. = 1 UNIT
7. BOUNDARY AND TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY BY HOWARD COUNTY DATED 1936, AND VERIFIED IN THE FIELD BY CHARLES R. CROCKEN & ASSOC. DATED 1936.
8. BOUNDARY BASED ON DEED LIBER 460/ FOLIO 33
9. SERVICE: WATER = PRIVATE, SEWER = PRIVATE.
10. SOILS SURVEY MAP No. 6

SITE ANALYSIS

AREA OF LOT = 1.189 AC.
 THE MASTER PLAN OF HOWARD COUNTY
 PRESENT ZONING = RC-DEO
 PROPOSED USE OF STRUCTURES = SINGLE FAMILY
 # UNITS ALLOWED = 1
 # UNITS PROVIDED = 1 EXISTING
 OPEN SPACE ON SITE = N/A
 HOWARD COUNTY FILE NO'S:



APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY

 HOWARD COUNTY HEALTH OFFICER

 DATE



NO.	DATE	REVISION

PERCOLATION CERTIFICATION TEST PLAN
FOR
BENNETT PROPERTY
 2550 JENNINGS CHAPEL RD.
 SINGLE FAMILY DETACHED
 LIBER 460/ FOLIO 33

TAX MAP 13, GRID 9 PARCEL #12
 4TH ELECTION DISTRICT

ZONED = RC-DEO
 HOWARD COUNTY, MARYLAND

DATE: 1/16/06

DES.	CHG.	DEVELOPER/OWNERS: GERALD E. BENNETT 2550 JENNINGS CHAPEL RD. WOODBINE MD. 21797-7825 TEL: (410) 489-4333
CHK.	CRC	
DRW.	CHG.	

PREPARED BY:
 CHARLES R. CROCKEN & ASSOCIATES, INC.
 CIVIL ENGINEERING - LAND PLANNING
 P.O. BOX 307
 WESTMINSTER, MARYLAND
 TEL: (410) 489-4333
 FAX: (410) 489-4333

SCALE:
 1" = 50'

SHEET 1 OF 1