

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

APP 528477

AGENCY REVIEW: _____

DATE 2/4/08

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 UNKNOWN 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) STEPHEN E & CONSTANCE E SCHUSTER

DAYTIME PHONE 410-854-6071 CELL _____ FAX _____

MAILING ADDRESS 3273 ONE MILE COURT GLENWOOD MD 21738
STREET CITY/TOWN STATE ZIP

APPLICANT K&K EXCAVATING INC.

DAYTIME PHONE 410-442-1336 CELL 410-984-8230 FAX puddles903@comcast.net

MAILING ADDRESS P.O. Box 280 Lisbon, md. 21765
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 2060 WOODBINE ROAD
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID 15 PARCEL(S) 362 PROPOSED LOT SIZE 10ac

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.

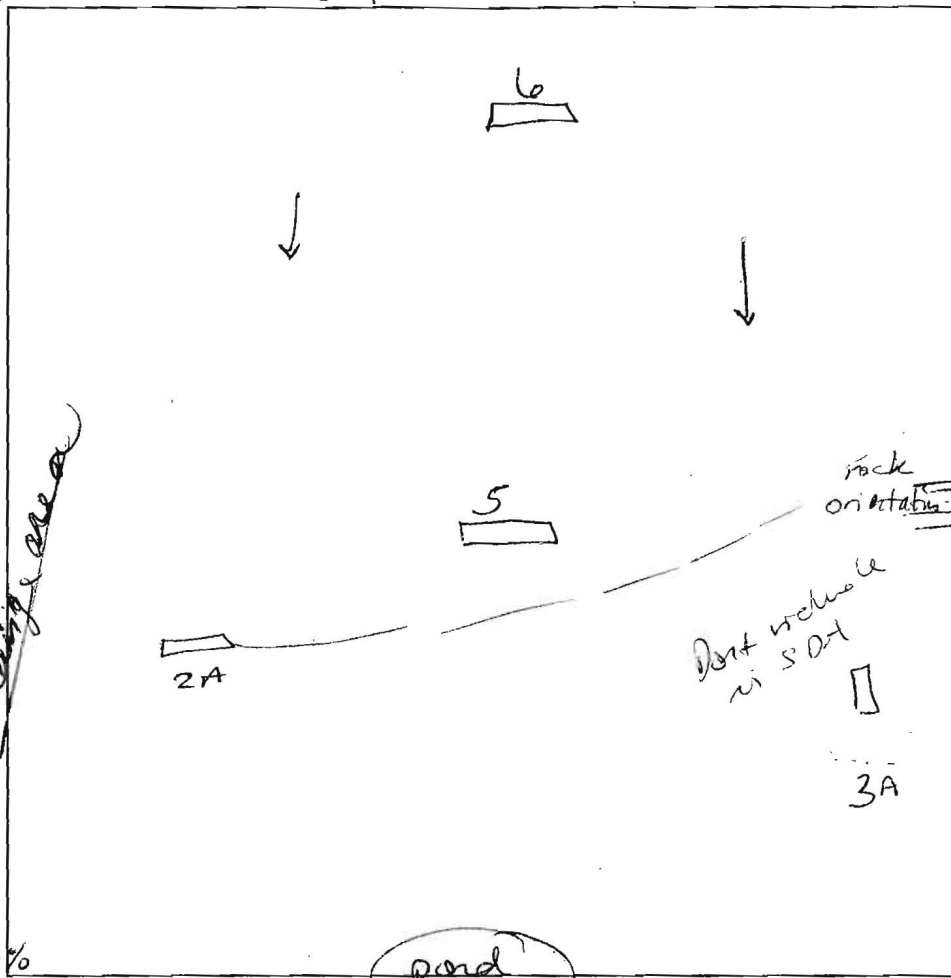
TEST RESULTS WILL BE MAILED TO APPLICANT. Judith A. Williams
SIGNATURE OF APPLICANT

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

Proposed originally

2060 Woodbine Rd

AP



(2A)

~1' brown & sbk
brown red sil m
↓ yellow brown sil m / heavy sil
4' yellow brown sil sg micaceous 10% channery saprolite
7 1/2' yellow brown sil sg ± 25% channery saprolite

(3A)

0.8' brn loam
2' yel-brn chl
irregular boundary - 4'
brn ufl loam w/ inclusions red loam saprolite
5.5' ex fl loam 70% ± flags

6

0.7' brn loam 2 fg vfs bk
2' brn chl 2 ffsbk to ffsbk
2' yel-brn & red loam, fm saprolite 100% channers
9' yel-brn chl
12' yel-brn stony loam 20%
14'

(5)
1 1/2" gray brown & sbk
brown red f sil sbk
yellow brown sil channery 15-20% micaceous saprolite
2' brown sil / heavy sil micaceous
3' pale red w/ yellow brown bands sil sg saprolite 15-20% channery
6' brown yellow sil sg ± 25% flaggy → channery saprolite

pond

Woodbine Rd

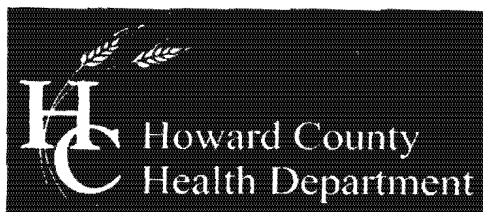
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/12/08	5	5' / 13'	9:21	9:25	9:30	5	P
	2A	5' / 13'	9:47	9:54	10:03	9	P
	6	4 1/2' / 14'	10:04	10:09	10:18	9	P
	3A	5' 5" / 11'	visual shale 75% in treatment zone				F

REMARKS _____

SANITARIAN SS/RB BACKHOE K+K OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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

February 14, 2008

Stephen and Constance Schuster
3273 Our Mile Ct
Glenwood, Maryland 21738

RE: Percolation Test Results – A528477
2060 Woodbine Rd

Dear Mr. Schuster,

Percolation testing conducted on February 12, 2008 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission of a percolation certification plan showing the following:

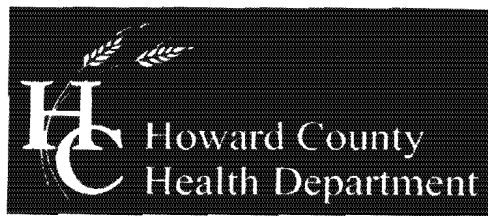
- 1) Actual surveyed locations and elevations of all excavated test holes. Label test holes according to perc notes.
- 2) Proposed house site (55' x 70') or footprint, including building restriction lines as determined by other County agencies, and driveway location
- 3) Existing and proposed property lines
- 4) Proposed well sites. Either 3 well sites with 100-foot setback for each, or one 1500 sq. ft. well box w/elliptical radius of 100' around the entire zone for each proposed lot
- 5) Proposed SDA. Follow the contour between 674 and 676 contour lines at the Southeastern boundary of the SDA and extend the SDA in the Northwest direction no further than test hole 6
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) A note stating all existing and proposed wells, septic systems and sewage disposal systems located within 200 feet down gradient of existing or proposed septic systems and sewage disposal easements.
- 8) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 9) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information
- 10) A note stating, "All wells to be drilled prior to building permit approval. It is the developer's responsibility to schedule the well drilling prior to building permit submission. It will not be considered 'government delay' if the well drilling holds-up the Health Department signature of the permit."
- 11) A MDE sewage disposal area statement is required
- 12) MDE minimum lot width statement
- 13) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 14) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries, and the drainage area to the West/Southwest of the SDA
- 15) Legend symbols to distinguish between new holes, any existing holes previously documented (by the HCHD), passed holes, failed holes, and any holes held for future review

- 16) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'
- 17) A health officer signature block stating "approved for private water and private sewer systems."
- 18) Professional seal or signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
- 19) Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g. subdivision, SDA adjustment, percolation certification plan etc
- 20) Name, address and telephone number of each owner, developer and the plan author.
- 21) The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and, the A # (percolation test fee receipt number, referenced in the HCHD correspondence)

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

Sara Sappington, R.S.
Well and Septic Program
Development Coordination Section



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

January 2, 2008

Stephen Schuster
3273 Our Mile Ct
Glenwood, Maryland 21738

RE: 2060 Woodbine Rd Perc Cert

Dear Mr. Schuster,

The Health Department received your letter dated December 23, 2007 regarding the validity of the 1994 "Percolation Certification Plan" for the referenced property. Due to the rock content found in those test holes, confirmation testing will be required. A copy of the original test results is enclosed. A revised percolation certification plan will need to be submitted to our office once confirmation testing has been completed. A percolation test application along with a \$506.00 test fee must be submitted to our office prior to testing. The original sewage disposal area established must be properly staked, along with an additional middle test hole.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261. Information is available online at:

http://www.howardcountymd.gov/Health/HealthMain/EnvironmentalHealth/EnvironmentalHealth_WaterSeverage.htm

Sincerely,

Sara Sappington, R.S.
Well and Septic Program
Development Coordination Section

Enclosures

3273 Our Mile Court
Glenwood, MD 21738
December 23, 2007

Howard County Department of Environmental Health
7178 Columbia Gateway Drive
Columbia, Maryland 21046

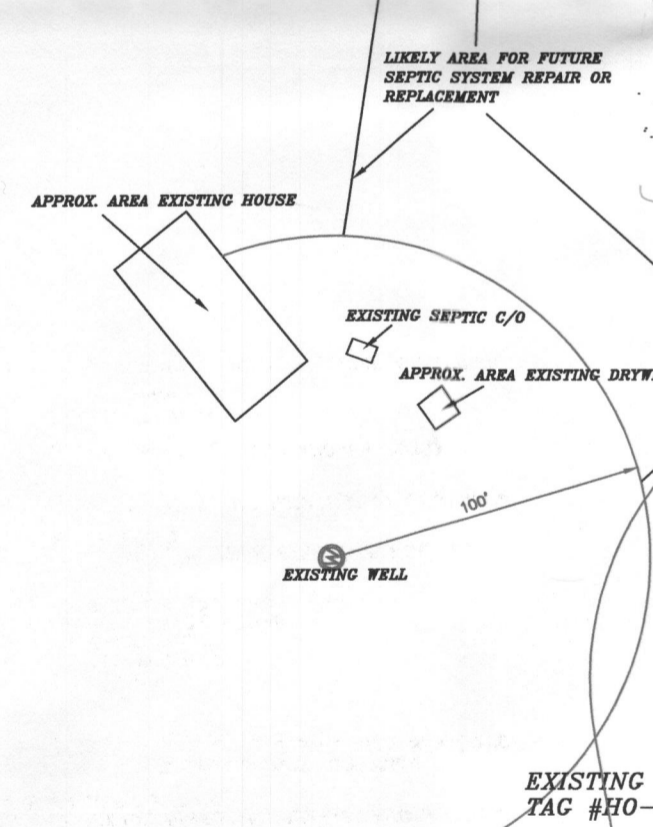
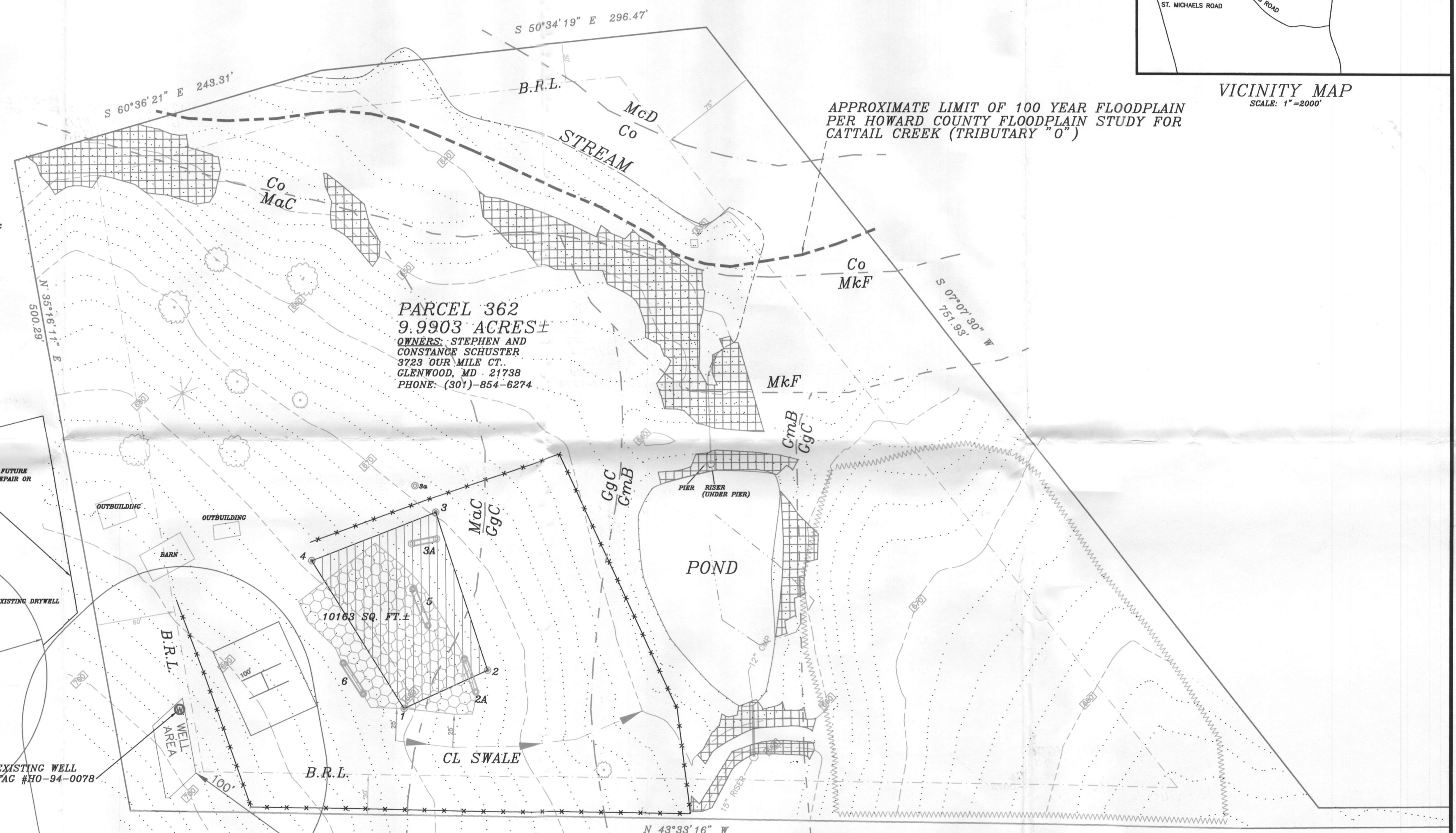
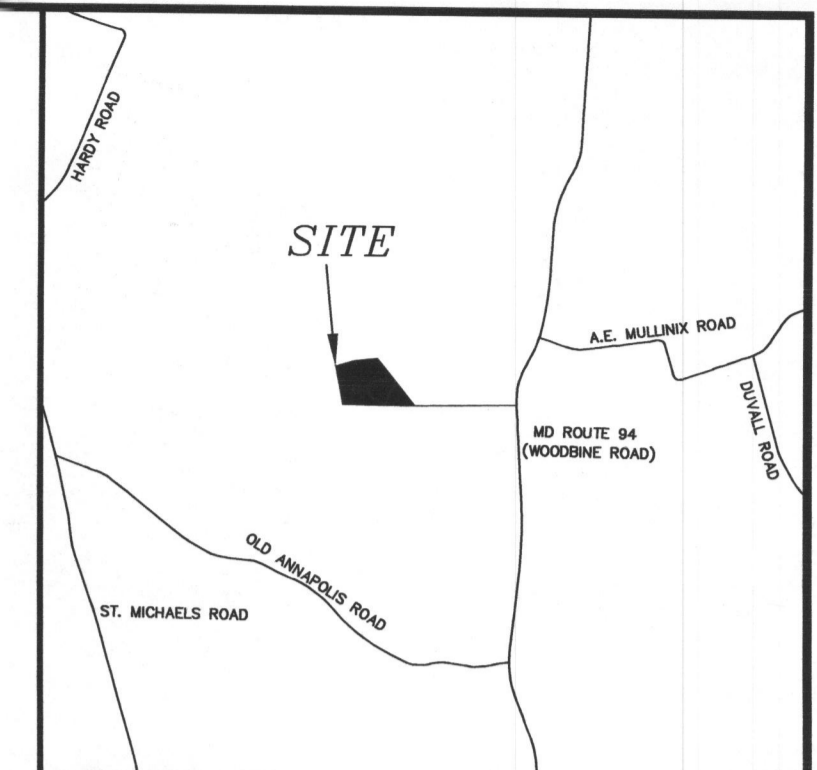
Please advise of the validity of the 1994 Percolation test and certification of our property at 2060 Woodbine Road. I have attached a copy of the Percolation certification from 1994.

A handwritten signature in black ink, appearing to read 'Stephen Schuster', written in a cursive style.

Stephen Schuster

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY SHANABERGER & LANE IN MARCH 2008
2. THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.
3. DESIGNATES EXISTING WELL LOCATION
 DESIGNATES FIELD-RUN CONTOURS
 DESIGNATES SOIL TYPE BOUNDARY
 DESIGNATES NEW (2/12/08) APPROVED PERC TEST
 DESIGNATES NEW (2/12/08) FAILED PERC TEST
 DESIGNATES PREVIOUS (3/31/94) APPROVED PERC TEST
 DESIGNATES PREVIOUS (3/31/94) FAILED PERC TEST
 DESIGNATES PREVIOUS (3/31/94) APPROVED SDE
 DESIGNATES SLOPES OVER 25%
4. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. ALL VISIBLE EXISTING WELLS AND SEWAGE DISPOSAL AREAS/SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY HAVE BEEN SHOWN
6. ALL VISIBLE EXISTING AND PROPOSED WELLS AND SEWAGE DISPOSAL AREAS/SEPTIC SYSTEMS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.
7. SOIL TYPES: GLENELC LOAM 8-15%: (GgC)
 MANOR LOAM 15-25%: (McC)
 MANOR LOAM 15-25% ROCKY: (McD)
 GLENVILLE SILT LOAM 3-8%: (GmB)
 MANOR-BRENZLOW COMPLEX 25-65%: (MkF)
 CODORUS AND HATBORO SILT LOAMS 3-8%: (Co)
8. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM AVAILABLE PLAT OF RECORD. ACREAGE SHOWN HEREON IS APPROXIMATE.
9. ALL REASONABLE EFFORTS WERE MADE TO FIND THE LOCATION OF SURROUNDING WELLS AND SEPTIC SYSTEMS
10. THERE IS AN EXISTING WELL ON THIS PROPERTY (TAG #HO-94-0078)
11. CURRENT PERC TEST FEE RECEIPT NUMBER: A528477
 PREVIOUS PERC TEST FEE RECEIPT NUMBER A49892
12. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.



G. SCOTT SHANABERGER
 PROFESSIONAL LAND SURVEYOR #10849 DATE

SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD. 21043
 PHONE: 410-461-9563
 FAX: 410-461-9693

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

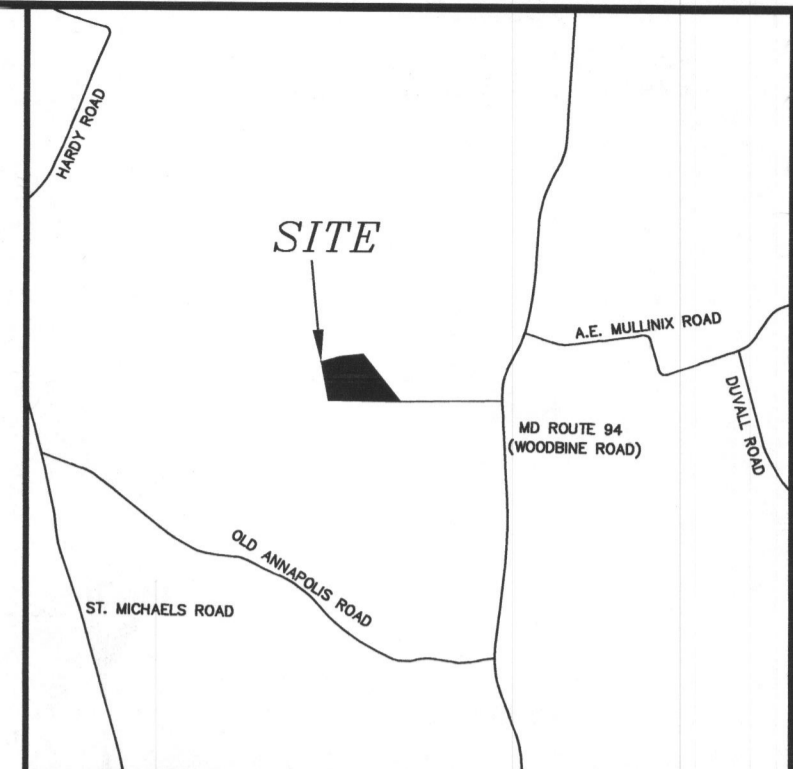
B. Wilton for Peter Baileisen 5/16/2008
 COUNTY HEALTH OFFICER DATE

PURPOSE: ADJUST SDA TO VERIFY LOT IS APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS

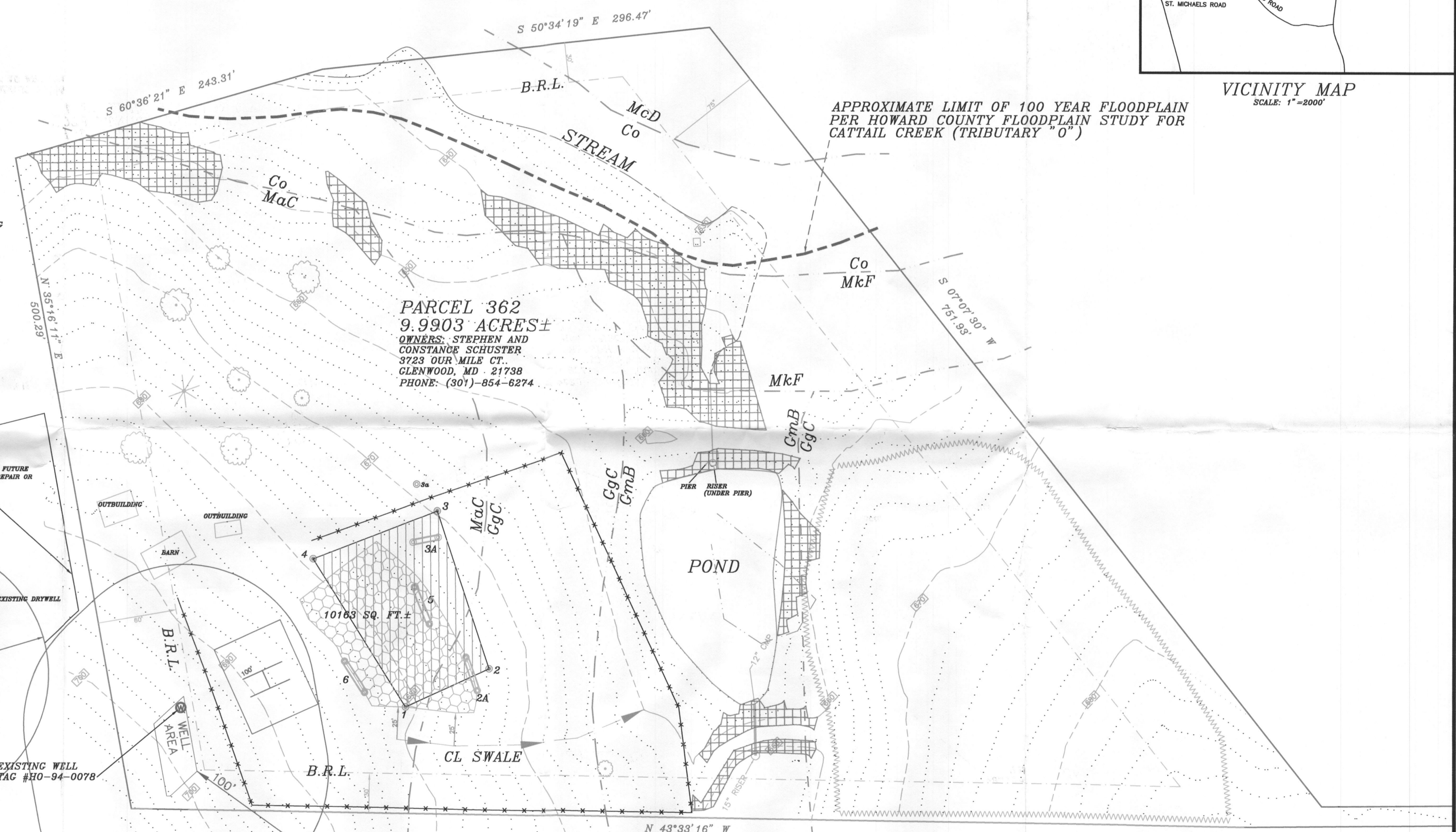
A528477
 PERCOLATION CERTIFICATION PLAT
SCHUSTER PROPERTY
 2060 WOODBINE RD
 WOODBINE, MD 21797
 DEED REF: 3293/580
 TAX MAP 7 GRID 15 PARCEL 362
 4TH ELECTION DIST. HOWARD COUNTY, MD.
 SCALE: 1"=60' MARCH 18, 2008

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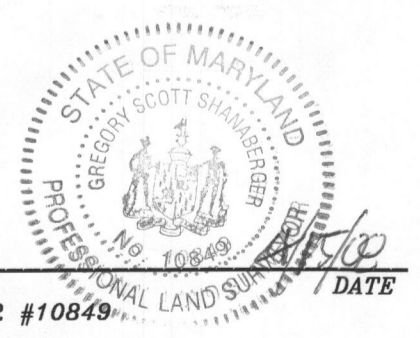
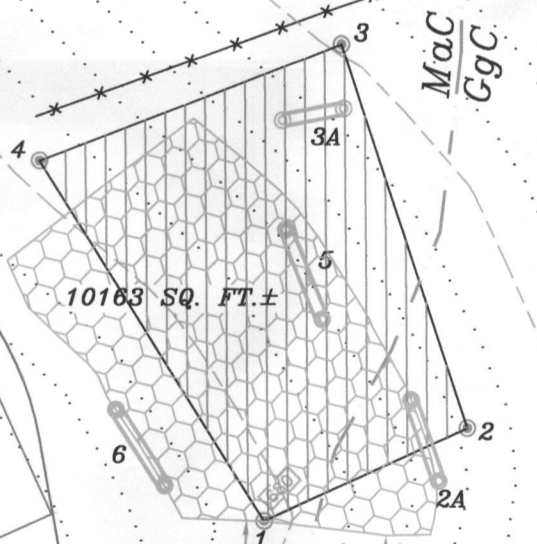
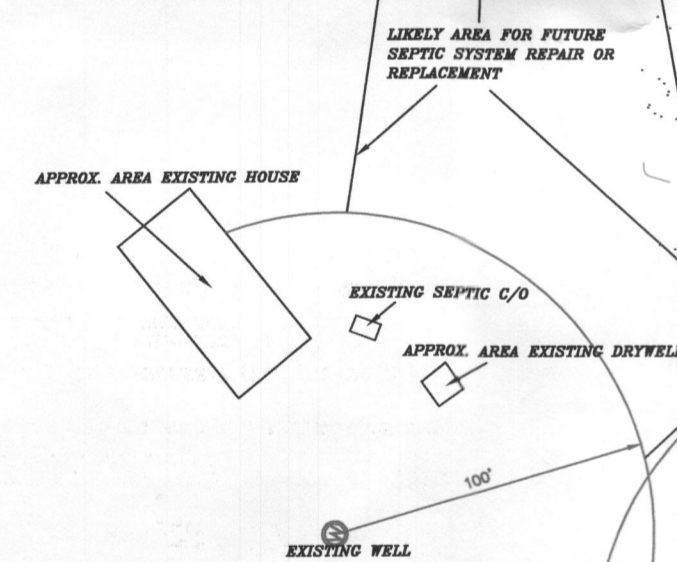


VICINITY MAP
SCALE: 1"=2000'



PARCEL 362
9.9903 ACRES±
 OWNERS: STEPHEN AND CONSTANCE SCHUSTER
 3723 OUR MILE CT.
 GLENWOOD, MD 21738
 PHONE: (301)-854-6274

APPROXIMATE LIMIT OF 100 YEAR FLOODPLAIN PER HOWARD COUNTY FLOODPLAIN STUDY FOR CATTAIL CREEK (TRIBUTARY "O")



G. SCOTT SHANABERGER
 PROFESSIONAL LAND SURVEYOR #10849

SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD. 21043
 PHONE: 410-461-9563
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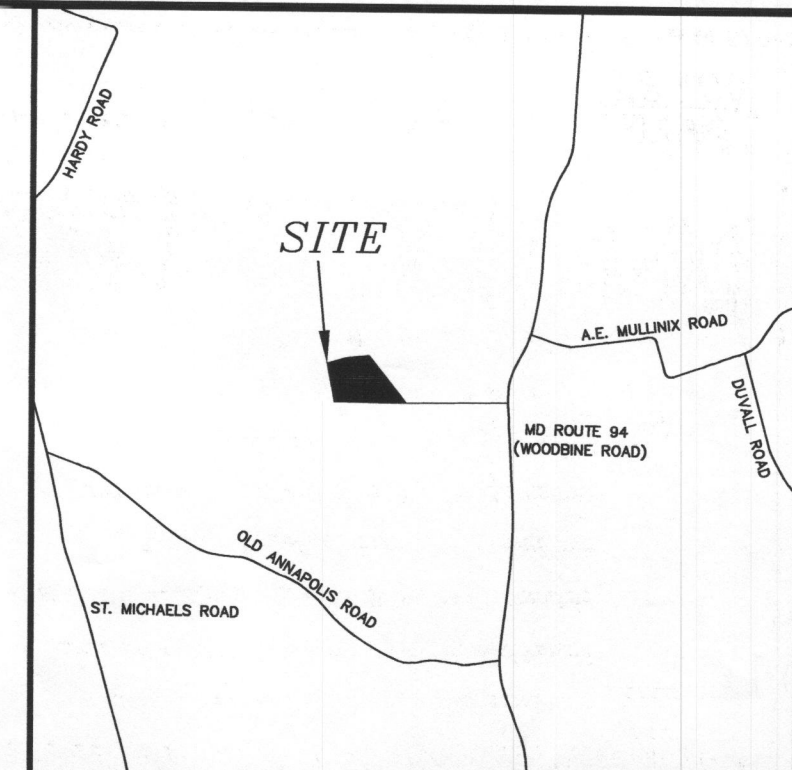
APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS
B. Nelson for Peter Brilensen 5/16/2008
 COUNTY HEALTH OFFICER DATE

PURPOSE: ADJUST SDA TO VERIFY LOT IS APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS

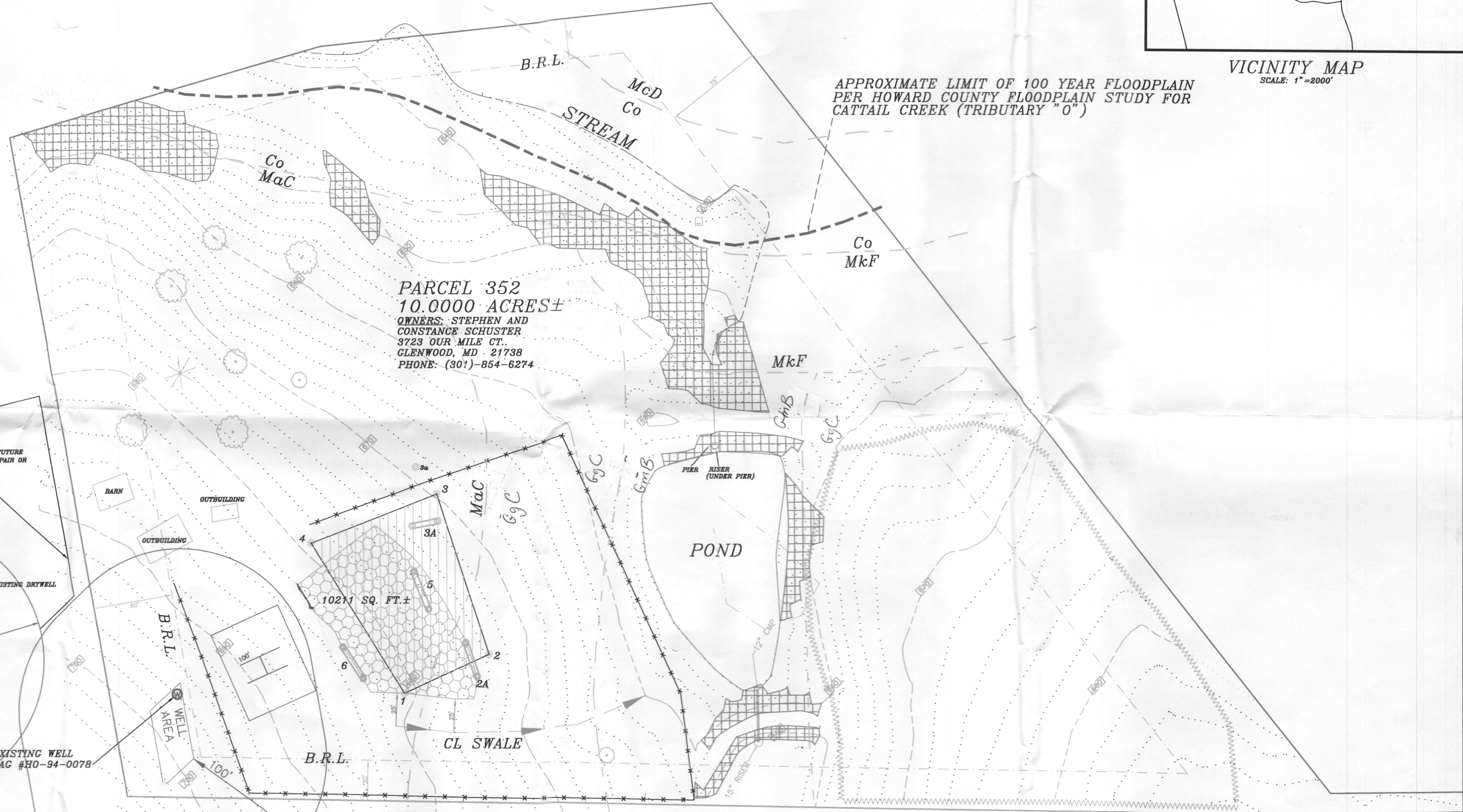
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 DEED REF: 3293/580
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 4TH ELECTION DIST. HOWARD COUNTY, MD.
 SCALE: 1"=60' MARCH 18, 2008

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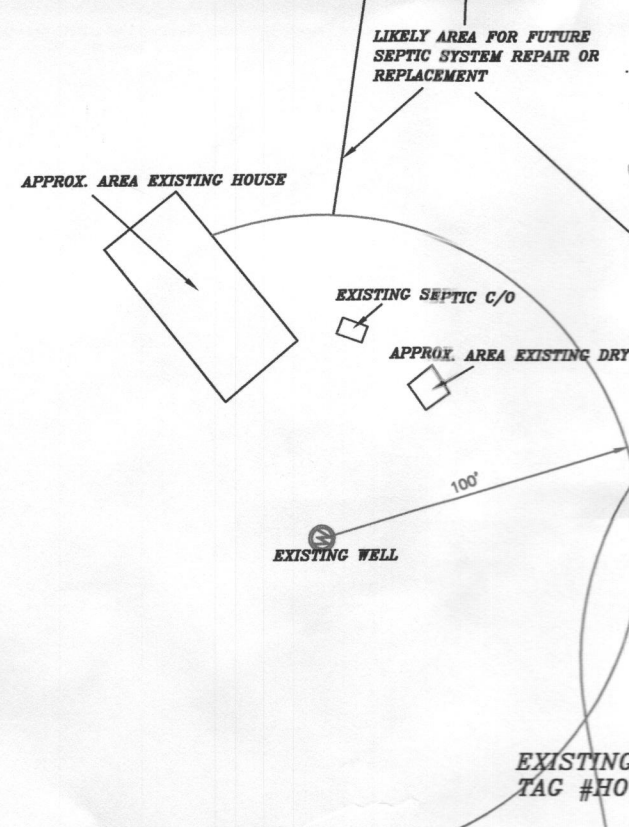
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PHONE: (301)-854-6274



C. Scott Shanabarger
C. SCOTT SHANABARGER
PROFESSIONAL LAND SURVEYOR #10849
3/9/08 DATE

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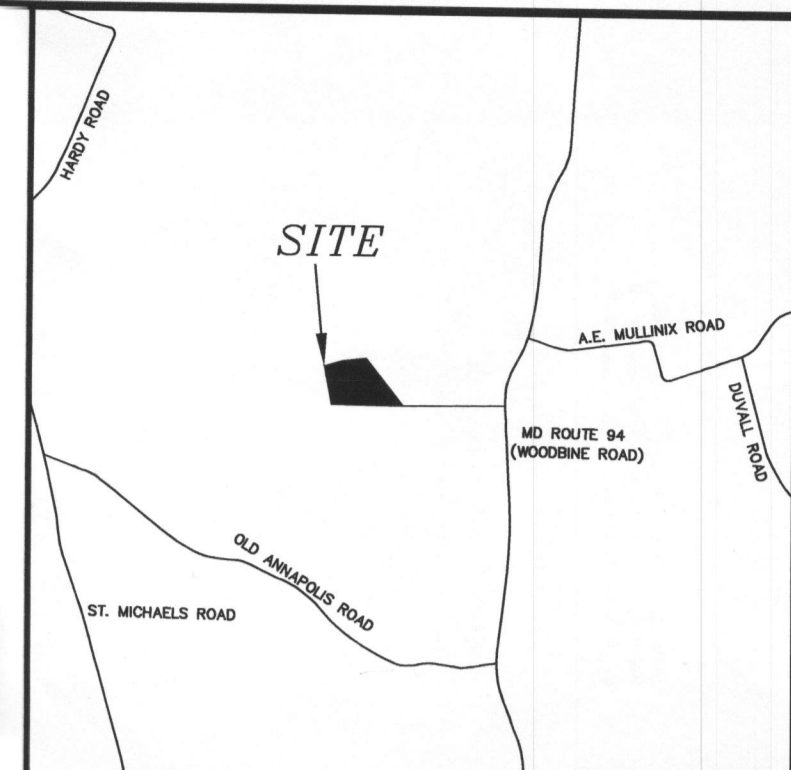
APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS
Barton for Peter Beilman
COUNTY HEALTH OFFICER
4/3/2008 DATE

PURPOSE: ADJUST SDA TO VERIFY LOT IS APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS

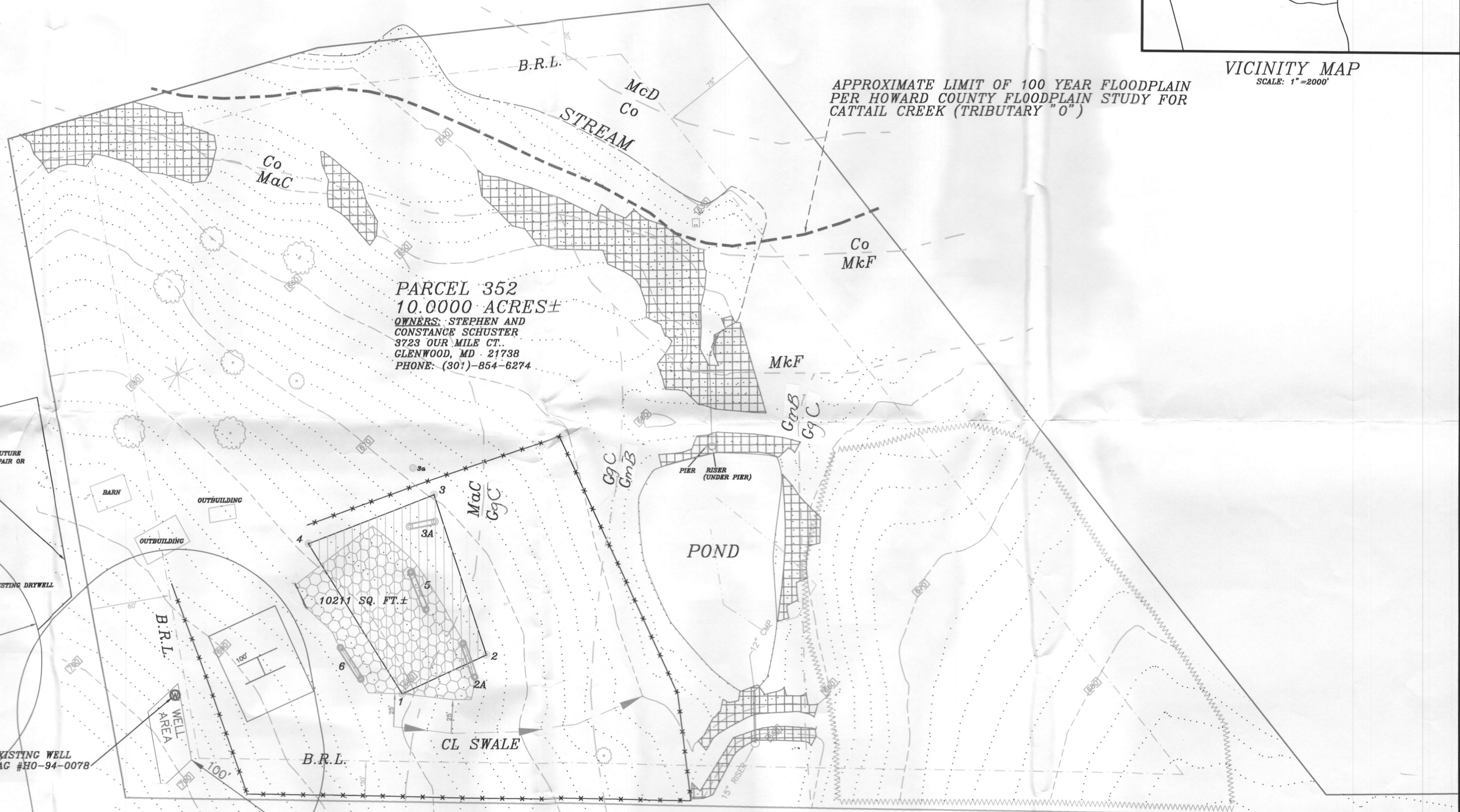
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 GLENVILLE SILT LOAM 3-8%: (GmS)
 MANOR-BRINKLOW COMPLEX 25-65%: (MkF)
 CODOBUS AND HATBORO SILT LOAMS 3-8%: (Co)
8. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM AVAILABLE PLAT OF RECORD. ACREAGE SHOWN HEREON IS APPROXIMATE.
9. ALL REASONABLE EFFORTS WERE MADE TO FIND THE LOCATION OF SURROUNDING WELLS AND SEPTIC SYSTEMS
10. THERE IS AN EXISTING WELL ON THIS PROPERTY (TAG #HO-94-0078)
11. CURRENT PERC TEST FEE RECEIPT NUMBER: A528477
 PREVIOUS PERC TEST FEE RECEIPT NUMBER A49892
12. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.



VICINITY MAP
SCALE: 1"=2000'



PARCEL 352
10.0000 ACRES ±
OWNERS: STEPHEN AND
CONSTANCE SCHUSTER
3723 OUR MILE CT.
GLENWOOD, MD 21738
PHONE: (301)-854-6274

LIKELY AREA FOR FUTURE
SEPTIC SYSTEM REPAIR OR
REPLACEMENT

APPROX. AREA EXISTING HOUSE
EXISTING SEPTIC C/O
APPROX. AREA EXISTING DRYWELL

EXISTING WELL
EXISTING WELL
TAG #HO-94-0078

10211 SQ. FT. ±

PERCOLATION CERTIFICATION PLAT
SCHUSTER PROPERTY

2060 WOODBINE RD
WOODBINE, MD 21797
DEED REF: 3293/580
TAX MAP 7 GRID 15 PARCEL 362
4TH ELECTION DIST. HOWARD COUNTY, MD.
SCALE: 1"=60' MARCH 18, 2008

C. Scott Shanaberger
C. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849
3/19/08 DATE

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS
Peter Bzilewicz
COUNTY HEALTH OFFICER
4/3/2008 DATE

PURPOSE: ADJUST SDA TO VERIFY LOT IS APPROVED FOR
PRIVATE WATER AND SEWERAGE SYSTEMS