

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

Maura J. Rossman, M.D., Health Officer

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

A545010

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Mill Green Section One LOT # 8

PROPERTY ADDRESS 3273 Jones Road Woodbine 21797
STREET TOWN ZIP

TAX ACCOUNT # 316363 TAX MAP 20 GRID 3 PARCEL 36 ZONING DESIGNATION _____

PROPERTY OWNER(S) David And Rebecca Groves

DAYTIME PHONE _____ CELL 240-506-2711 EMAIL _____

MAILING ADDRESS 3273 Jones Road Woodbine, Md 21797
STREET CITY, STATE ZIP

APPLICANT Tom Sinor RELATIONSHIP TO OWNER: Builder

DAYTIME PHONE 443-300-2268 CELL 443-287-8503 EMAIL sinor1tri@gmail.com

MAILING ADDRESS 6229 Sykesville Rd Sykesville, Md 21797
STREET CITY, STATE ZIP

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

BUILDING:

- RESIDENTIAL WITH 5 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
- COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: _____
- CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
- REPAIR OR REPLACE FAILING OSDS
- UPGRADE EXISTING OSDS

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
- NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

Tom Sinor 4/23/13
SIGNATURE OF APPLICANT DATE

Jones Rd

AP 545010

5

brn l/sbk
red scl
1 fclbk

3'

red brn
sl saprolite

4.5'

yellow org
fsl

10'

brn
ch fcl

12'

brn vch
fcl

14'

7

brn l/sbk

6"

red brn
scl 2msbk

3'2"

red brn
sl saprolite

7'

red brn
ch fcl

10.5'

red
fcl sl

12'

30% rx

6

brn l

8"

red brn
scl
1msbk

3.5'

yellow red
brn sl
saprolite

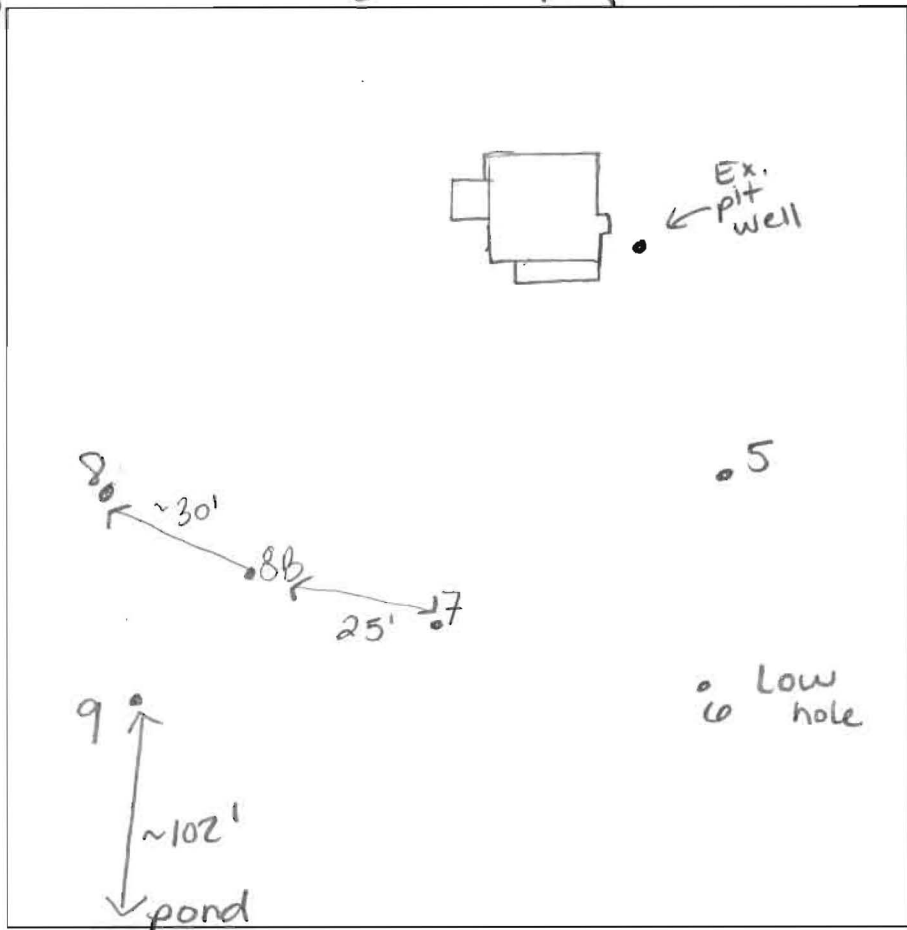
5.5'

red brn
fcl
saprolite
15% rx

9'

↓
course frag sw/
brn fcl Mn
moist

12' H₂O 10% boulders
Mn + Fe



9

brn l

red brn
scl l/sbk

5'2"

red brn
sl
saprolite

6'

yellow fsl
saprolite

8'

yellow
fsl 15% rx

10'

yellow ch
sl
& saprolite moist

8

red brn
scl 2msbk

6'

red brn ch
sl ↓

pink/red
fcl saprolite

8'

red brn
ch fcl

9.5'

20% rx
red brn
ls ↓

12'

8B

brn l

1'

brn scl
1msbk

5'

brn scl
l/sbk

6-7'

brn
ls

↓
beige
chls

12'

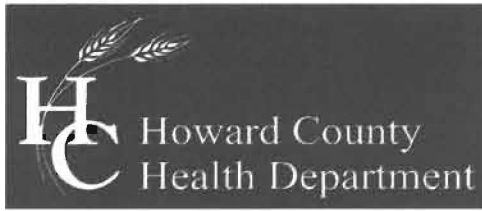
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-8-13	5	3'10" / 14'	10:26	slow, resheif			
5-8-13	7	12'	VISUAL				P
5-8-13	6	4'8" / 12.5'	10:39	10:49	11:05	16	P
5-8-13	9	6'2" / 12'	10:55	11:04	11:18	14	P
5-8-13	8	5'7" / 12'	11:27	slow, resheif			
5-8-13	5	5' / 14'	11:07	11:22	11:46	24	P
5-8-13	8	6'5" / 12'	11:51	12:20	slow		F
5-8-13	8B	7'5" / 12'	12:24	12:34	12:49	15	P

REMARKS holes dug per stakes, well must be upgraded

SANITARIAN HS BACKHOE S. Carroll OTHERS owner

TEST HOLES USED IN SDA 5 AVG. PERC TIME 17 SQ. FT/BR _____

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



Bureau of Environmental Health

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TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

Maura J. Rossman, M.D. Acting Health Officer

May 14, 2013

To: Tom Sinor
Applicant

RE: **Percolation Test Report -**
3273 Jones Road
Woodbine MD, 21797
Receipt # - A545010

Percolation testing was conducted at the referenced property on May 8, 2013. The purpose for conducting these percolation tests was to delineate a septic reserve area to accommodate a proposed addition with one additional bedroom.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Soil conditions either satisfactory or unsatisfactory for onsite wastewater disposal were observed at the specified test locations. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions.

Six tests were dug. Soil conditions observed were mostly satisfactory for conventional onsite wastewater treatment and disposal. All proposed test locations had passing perc rates except for test P-8. An additional test, 8-B, was dug next to P-8.

The proposed addition will require an upgrade of the existing septic system which will be required to utilize best available technology. A B.A.T. site plan will be required for installation of this system. The existing well must also be brought up to code prior to building permit approval.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Further review of this project is contingent on submission of a Percolation Certification Plan.

Additional field review of well or septic system conditions may be required at any time during this process. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by calling (410) 313-6287.

Respectfully,

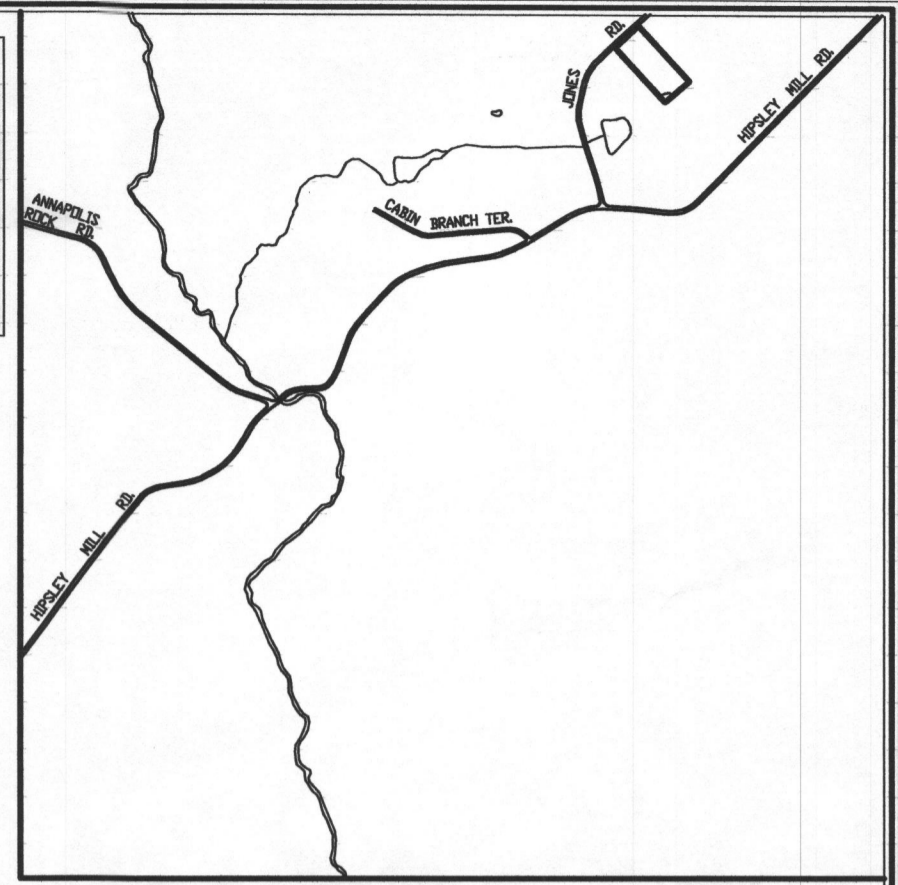
Heidi Scott, R.S.
Environmental Sanitarian
Well and Septic Program

Cc:
David Groves

LEGEND

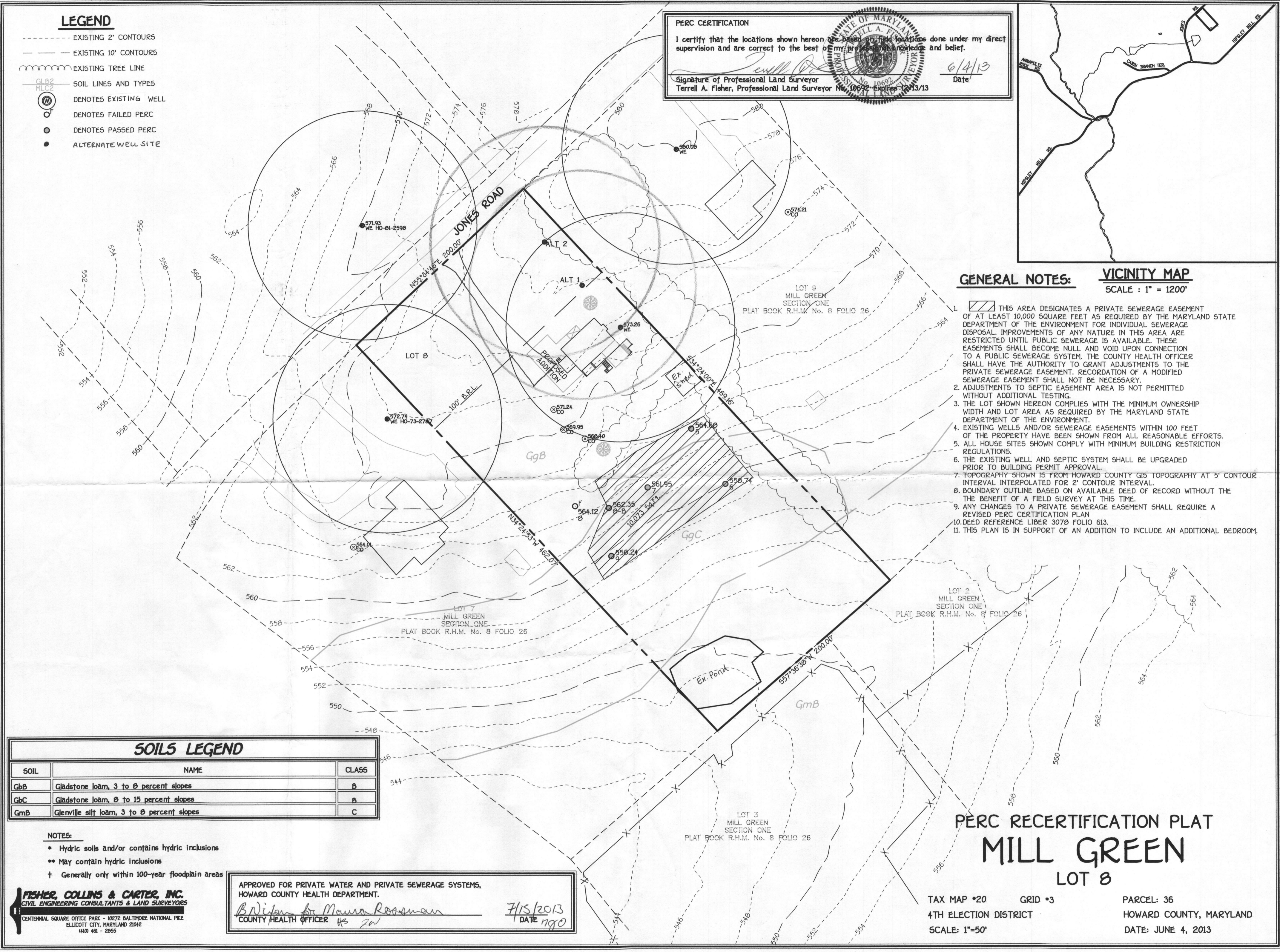
- EXISTING 2' CONTOURS
- - - EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2
MLC2 SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ALTERNATE WELL SITE

PERC CERTIFICATION
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
 Signature of Professional Land Surveyor: *Terrell A. Fisher*
 Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/13
 Date: 6/4/13



GENERAL NOTES: **VICINITY MAP**
 SCALE : 1" = 1200'

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. THE EXISTING WELL AND SEPTIC SYSTEM SHALL BE UPGRADED PRIOR TO BUILDING PERMIT APPROVAL.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCE LIBER 3078 FOLIO 613.
11. THIS PLAN IS IN SUPPORT OF AN ADDITION TO INCLUDE AN ADDITIONAL BEDROOM.



SOILS LEGEND

SOIL	NAME	CLASS
GbB	Gladstone loam, 3 to 8 percent slopes	B
GbC	Gladstone loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C

- NOTES:**
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 410 461 - 2895

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
B. Fisher for Maureen Roszman
 COUNTY HEALTH OFFICER #3 2W
 DATE 7/15/2013
 DATE 1990

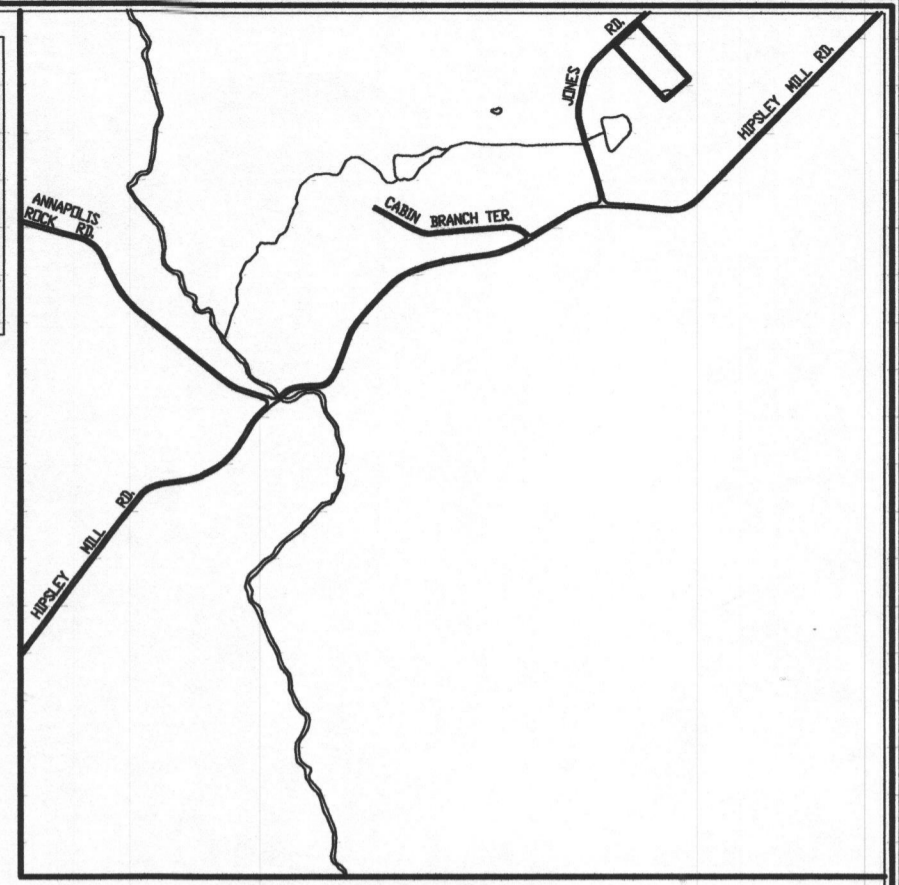
PERC RECERTIFICATION PLAT
MILL GREEN
 LOT 8

TAX MAP *20 GRID *3 PARCEL: 36
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=50' DATE: JUNE 4, 2013

LEGEND

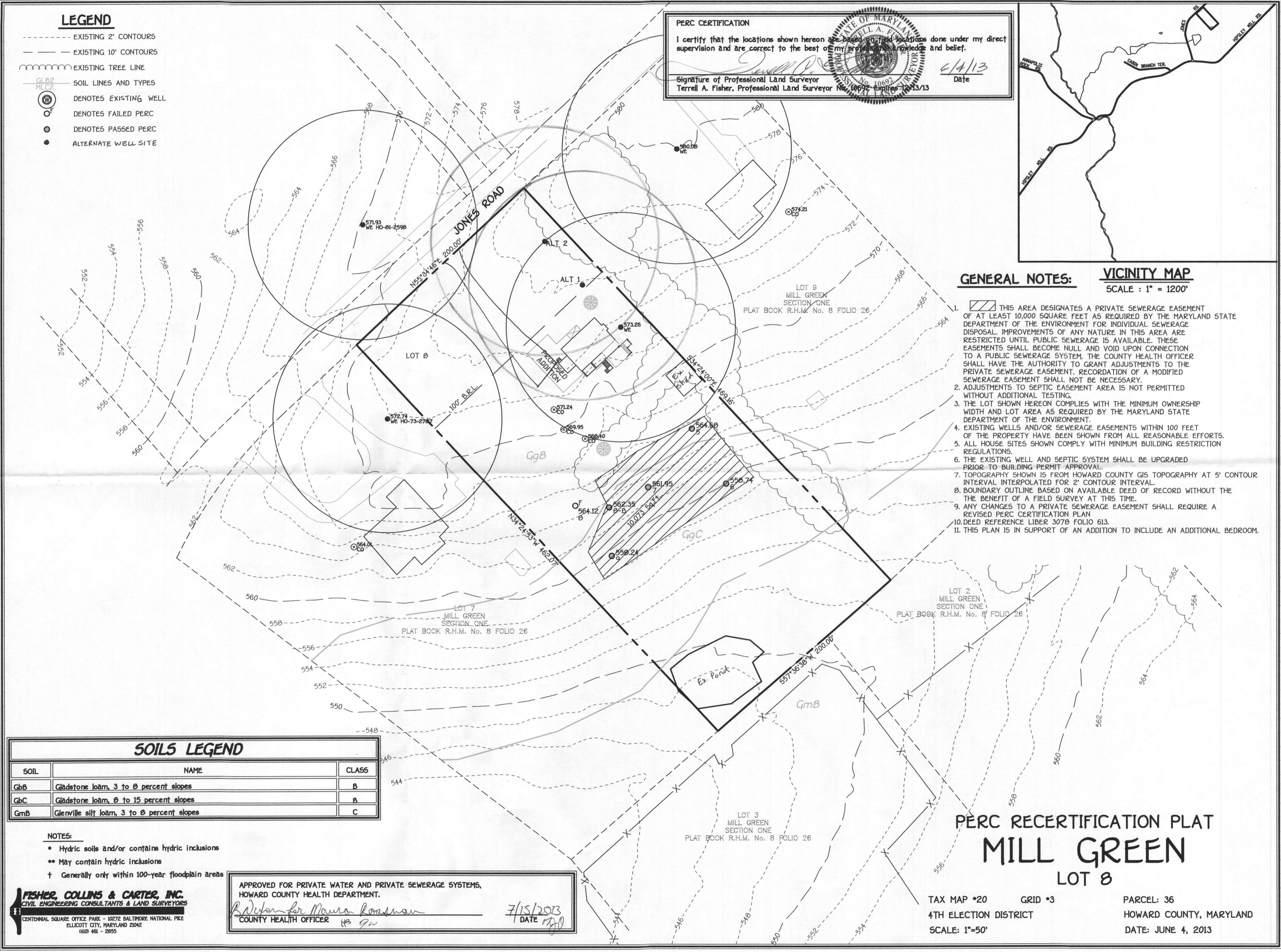
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