

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 531251

AGENCY REVIEW: \_\_\_\_\_

DATE 4/13/12

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 4025 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) DRJ CONSTRUCTION LLC TR BUILDERS LLC

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 5800 DORSEY HALL DR SE 102 ELLCOTT CITY MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT FISHER COLLINS & CARTER, T.H.

DAYTIME PHONE 410-461-2055 CELL \_\_\_\_\_ FAX 410-750-3784

MAILING ADDRESS 10272 BALTIMORE NATIONAL PIKE ELLCOTT CITY MD 21042  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME HAY MEADOW LOT NO. PARCEL B

PROPERTY ADDRESS 1304 HAY MEADOW LANE  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 9 GRID 11 PARCEL(S) 335 PROPOSED LOT SIZE 50.002A

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.

[Signature]  
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

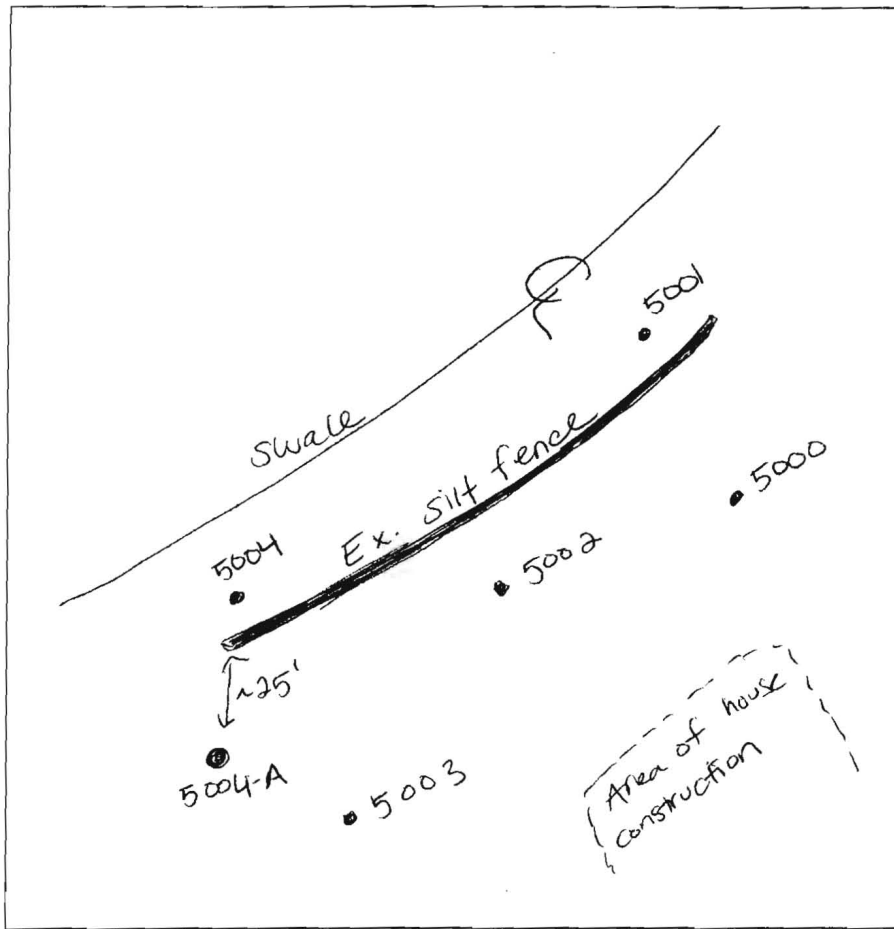


A/P \_\_\_\_\_

5003  
 1' bm 1 sbk  
 4' brn scl 1msbk  
 6' red brn sl 1fsbk  
 8' brn ch sl  
 9' brn fs l  
 10' brn ls Saprolite  
 10.5' vch ls

5004-A  
 1' brn l sbk  
 3.5' brn ch scl 1csbk  
 6' brn ch sl  
 7' brn ch fs l  
 HB

5004  
 10' brn l  
 4' brn scl 2csbk  
 6' yellow brn sl  
 9' yellow brn fs l  
 12' brn fs l Saprolite  
 ↓



5001  
 1' bm 1  
 3' red brn scl 2csbk  
 5' yellow brn scl 3csbk  
 6' brn sl 1msbk  
 8' brn fs l saprolite  
 12' brn fs l w/ Mn coatings

5000  
 1' brn l  
 3' brn ch scl 1csbk  
 5' brn ch fs l  
 8' brn ch ls w/ Mn coatings  
 12'

5002  
 1' brn l  
 3' brn scl 1fsbk  
 5' brn ch sl  
 11' brn fs l  
 ↓  
 vch brn sl w/ Mn coatings  
 (similar to 5002)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-1-12	5003	5.5' / 10.5'	9:39	9:44	9:49	5	P
	5004-A	7'	VISUAL				F
	5004	6.5' / 10'	10:01	10:15	10:32	17	P
	5001	7' / 12'	10:16	10:21	10:33	12	P
	5000	5.5' / 12'	10:35	10:40	10:48	8	P
	5002	11'	VISUAL				P

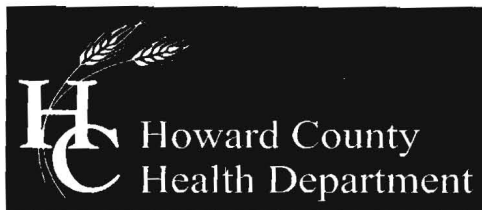
REMARKS holes dug per stakes except 5004-A

SANITARIAN HS BACKHOE Mike Johnson OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA 5 AVG. PERC TIME 10.5 SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH 2/3' INLET DEPTH 4' MAX. BOT DEPTH 8' EFFECTIVE SW 1'-1.5'

5'



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](http://www.hchealth.org)

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

May 3<sup>rd</sup>, 2012

To: Tony Fertitta  
Fisher Collins & Carter

RE: Perc Test Report, [1304 Hay Meadow Lane; A#537257]

Percolation testing was conducted on the referenced property on May 1<sup>st</sup>, 2012. The purpose for conducting these percolation tests was to delineate septic reserve area for a proposed single family dwelling.

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. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drainfield and two repair drainfields for the planned residence.

Soil conditions observed were both satisfactory and unsatisfactory for onsite wastewater treatment and disposal. A total of six percolation tests were conducted. All tests were satisfactory except test 5004-A which was not staked in the field.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The values for the drainfield parameters will be documented during the Percolation Certification Plan process, and then maintained in the Health Department file for the subject property.

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 or Site 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

Enclosures (1)

Copy: File

**GENERAL NOTES:**

- 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. 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.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON FIELD RUN BOUNDARY SURVEY PERFORMED ON OR ABOUT MARCH 9, 1993 BY FISHER, COLLINS AND CARTER, INC.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- PLAT REFERENCE PLAT 11565.
- EXISTING PERCOLATION TEST SITES (I.E. 37) NUMBER DESIGNATIONS AND LOCATIONS PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT FILE INFORMATION.

**LEGEND**

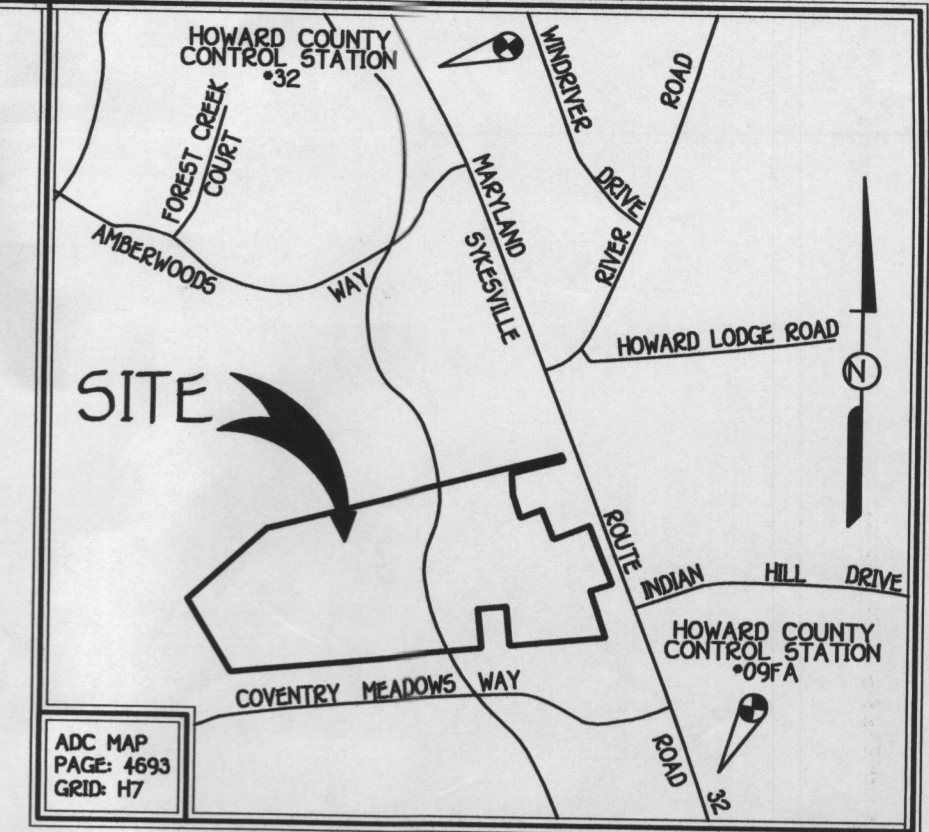
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED HOUSE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- DENOTES PASSED PERC FROM SIGNED PERC 1/8/1993
- DENOTES ALTERNATE WELL LOCATIONS
- DENOTES FAILED PERC
- DENOTES PASSED PERC

**SOILS LEGEND**

SOIL	NAME	CLASS
BaA	Baile silt loam, 0 to 3 percent slopes	D
GgB	Glenelig loam, 3 to 8 percent slopes	B
GgC	Glenelig loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
MaC	Manor loam, 8 to 15 percent slopes	B
MaD	Manor loam, 15 to 25 percent slopes	B
McC	Manor-channery loam, 8 to 15 percent slopes	B

**NOTES:**

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



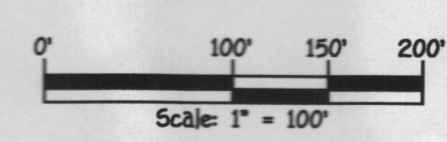
**VICINITY MAP**  
SCALE: 1" = 1200'



**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 knowledge and belief.  
Signature of Professional Land Surveyor: August W. Glass, Professional Land Surveyor, License No. 2188, expires 07/14/13  
Date: 5/10/12

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
Signature of Peter Boelens  
COUNTY HEALTH OFFICER  
Date: 5/29/2012

**AMENDED PERCOLATION CERTIFICATION PLAN**  
**HAY MEDOW**  
PARCEL 'A'  
PLAT # 11564  
ZONING: RC-DEO  
TAX MAP No. 9 PARCEL No. 335  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: MAY 10, 2012

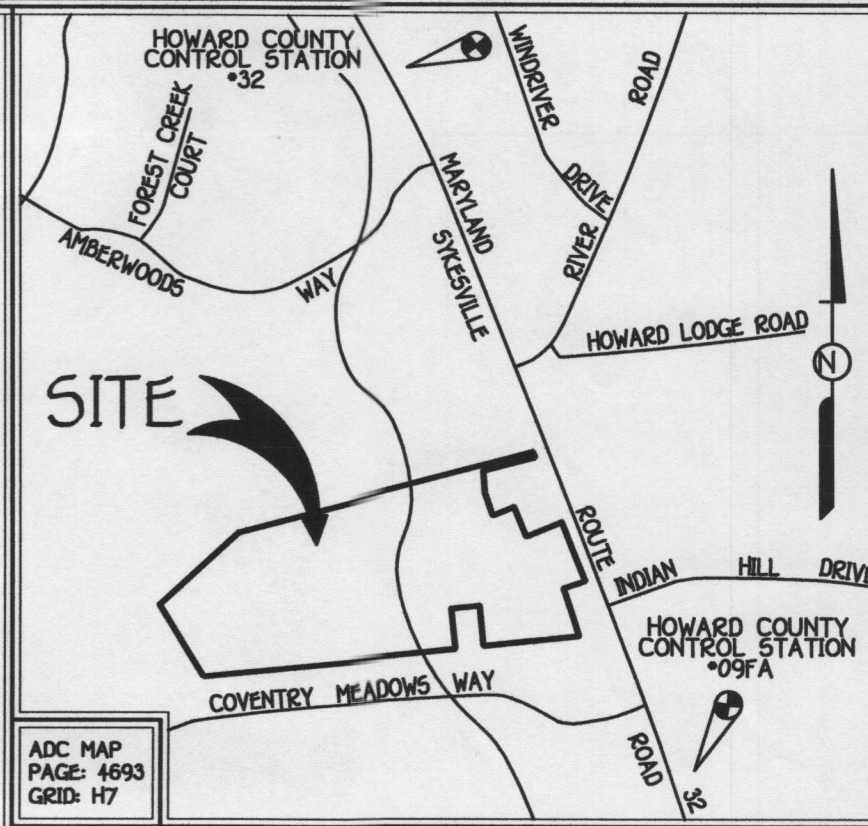


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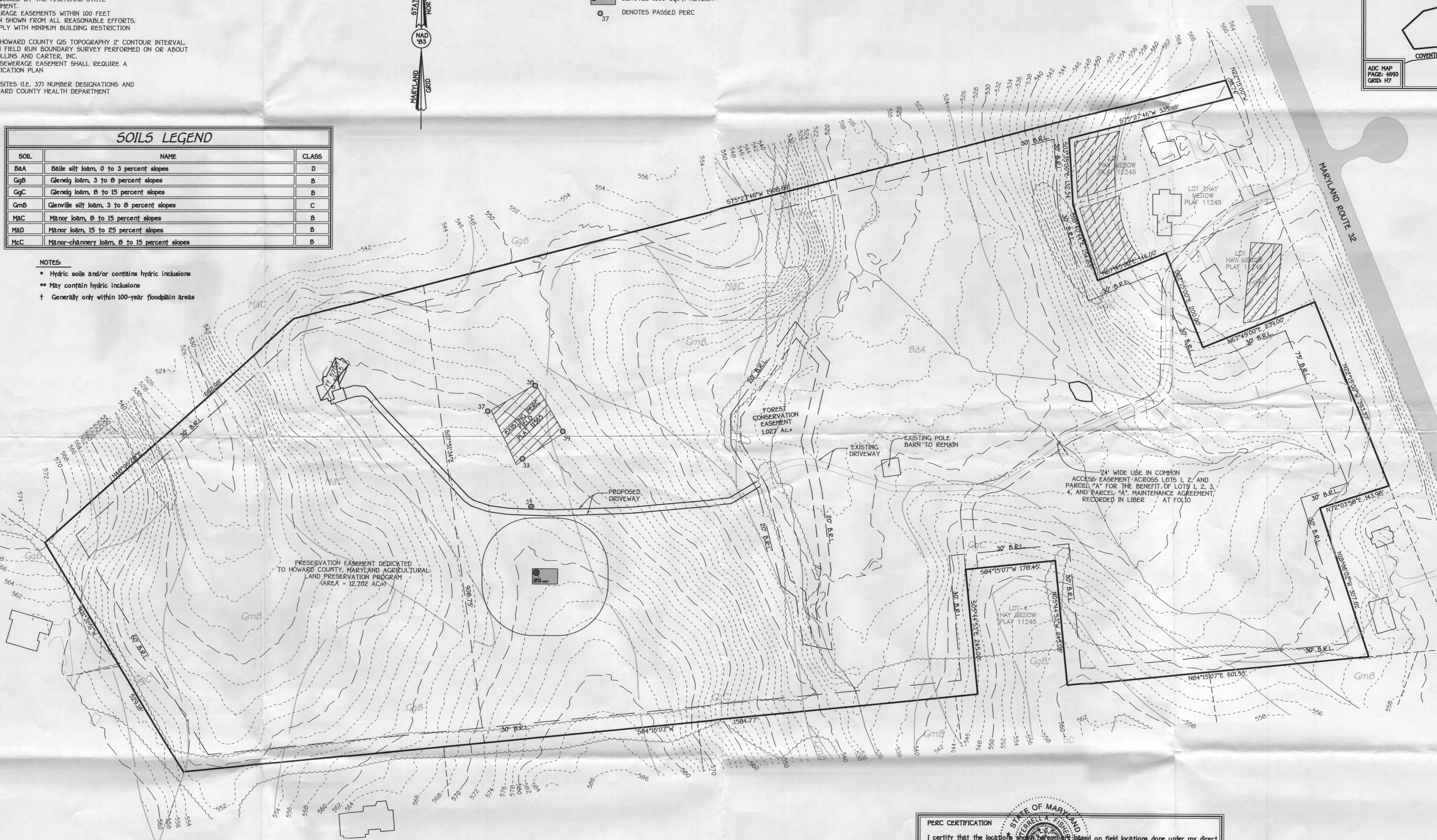


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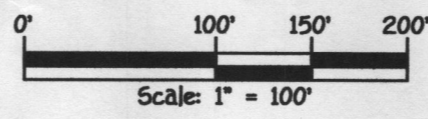
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Signature of Professional Land Surveyor: Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/13  
Date: 1/23/12

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
Signature of Peter Belemson  
COUNTY HEALTH OFFICER  
Date: 1/23/2012



\* Superseded by Perc Cert signed 5/29/12

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PARCEL 'A'  
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ZONING: RC-DEO  
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