

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 538145

AGENCY REVIEW: _____

DATE 11-28-12

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) TUSCANY FARMS LLC

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 5221 LYMNGATE RD COLUMBIA MD 21044
STREET CITY/TOWN STATE ZIP

APPLICANT DRS CONSTRUCTION LLC

DAYTIME PHONE _____ CELL 443-340-8073 FAX _____

MAILING ADDRESS 5300 DORSEY HALL DR STE 102 ELLICOTT 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. 4

PROPERTY ADDRESS 1290 HAY MEADOW LN
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 9 GRID 11 PARCEL(S) 335 PROPOSED LOT SIZE 1A

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 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

HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

NOV 30 2012

RECEIVED

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ 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
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

December 11th, 2012

To: Tony Fertitta
FCC

RE: Percolation Test Report
1298 Hay Meadow Lane, Lot 4 - A538145
Preservation Easement – A537257

Percolation testing was conducted at the referenced property on December 10, 2012. The purpose for conducting these percolation tests was to delineate septic reserve area for a proposed dwelling and revise the existing septic area for a recorded lot.

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 satisfactory for onsite wastewater treatment and disposal. All test locations were satisfactory.

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.

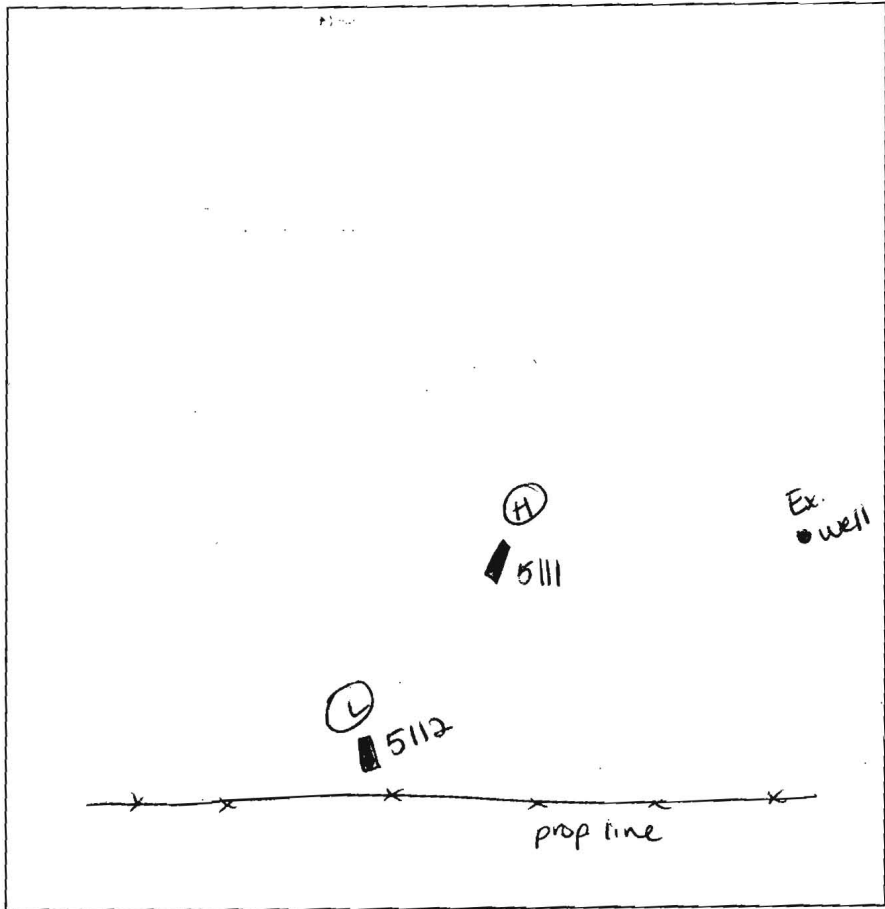
Respectfully,

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

Cc:
Owner
File

AP 538145

5111
 1' brn 1sbk
 red brn
 scl
 1tsbk
 3'
 yellow
 fsl
 1tsbk
 5'
 brn fsl
 Saprolite
 8'
 brn ls
 saprolite
 many mica
 13'
 5112
 10" brn 2
 1msbk
 Org brn
 scl 2msbk
 3'
 yellow
 brn sl
 6'
 yellow
 fsl saprolite
 10'
 yellow ls
 Saprolite
 12.5'
 10% rx



NOT TO SCALE

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/10/12	5111	5'13"	9:38	9:41	9:47	6	P
12/10/12	5112	5.5'12.5"	9:50	9:58	10:07	9	P

REMARKS holes dug per plan confirmation testing
 SANITARIAN HS BACKHOE Mike J. OTHERS _____
 TEST HOLES USED IN SDA 2 AVG. PERC TIME 7.5 SQ. FT/BR _____
 TRENCH WIDTH 3' INLET DEPTH 3' MAX. BOT DEPTH 7' EFFECTIVE S/W 2'

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 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.
- 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

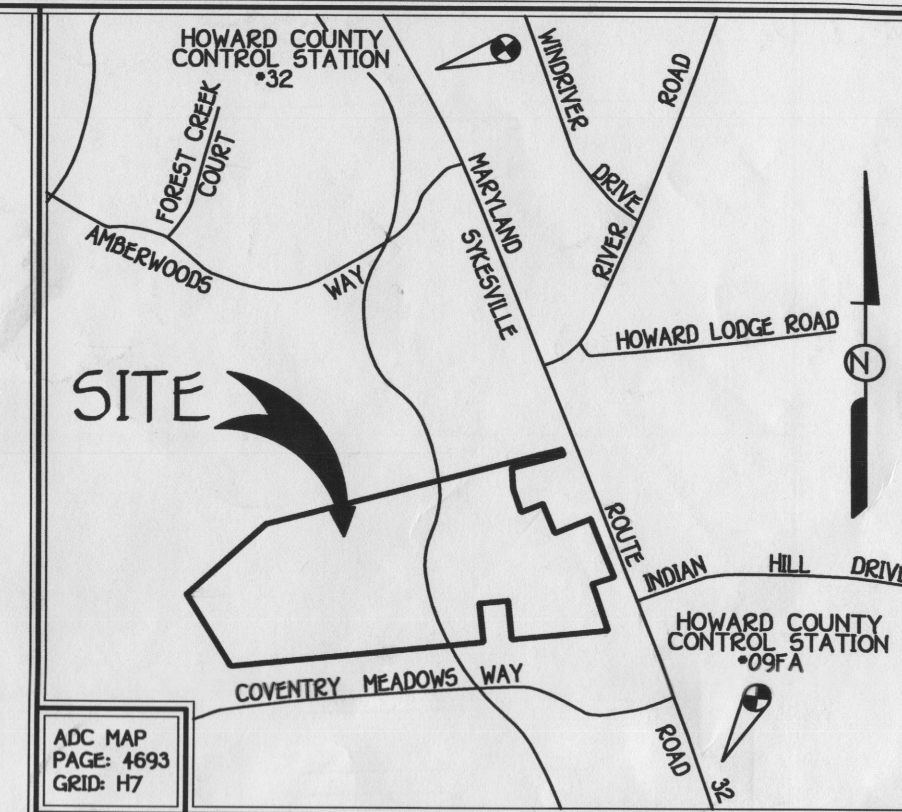
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- - - EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED HOUSE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- DENOTES PASSED PERC FROM SIGNED PERC 1/8/1993
- DENOTES ALTERNATE WELL LOCATIONS
- DENOTES FAILED PERC
- DENOTES PASSED PERC FROM SIGNED PERC 5/25/2012
- DENOTES PASSED PERC FROM SIGNED PERC 12/27/1993
- DENOTES EXISTING PERC FIELDS
- DENOTES PASSED PERC

SOILS LEGEND

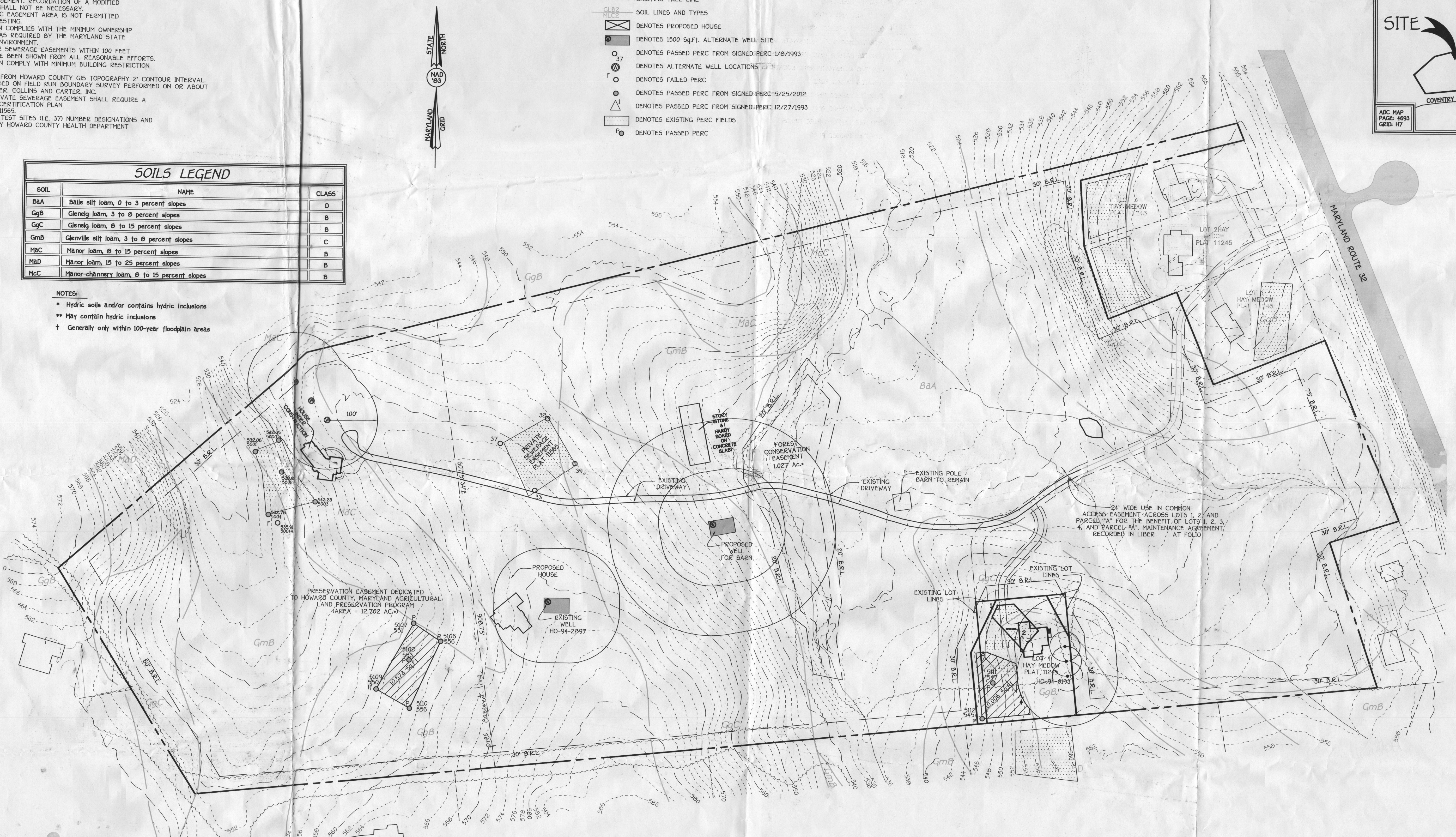
SOIL	NAME	CLASS
BaA	Baile silt loam, 0 to 3 percent slopes	D
GgB	Glenelg loam, 3 to 8 percent slopes	B
GgC	Glenelg loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
MaC	Manor loam, 8 to 15 percent slopes	B
MbD	Manor loam, 15 to 25 percent slopes	B
McC	Manor-channery loam,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

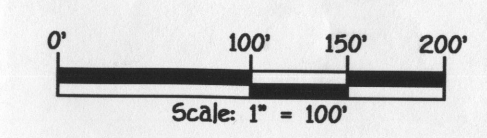


PERC CERTIFICATION
I certify that the locations shown on this plan are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
Signature of Professional Land Surveyor: Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires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

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Signature for Monica Rossman
COUNTY HEALTH OFFICER
Date: 11/18/2013

PERCOLATION CERTIFICATION PLAN
HAY MEDOW
LOT 4 AND PARCEL 'A'
PLAT #11564
ZONING: RC-DEO
TAX MAP No. 9 PARCEL No. 335
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: DECEMBER 11, 2012

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
4103 461 - 2555



K:\Drawings\3130438 Straker Property - Creemling\30438 Perc Plan Lot 4.dwg, Layout, 12/11/2012 1:32:25 PM, 1:1