



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 535913

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

DATE 7/26/11

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) ESTATE OF SARAH MANNING c/o PRISCILLA FOED

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

MAILING ADDRESS 2203 GARDEN LANE FREDERICK MD 21701  
STREET CITY/TOWN STATE ZIP

APPLICANT CHARLENE & FABIAN DEPRY

DAYTIME PHONE 301-637-2304 CELL 240-505-4119 FAX \_\_\_\_\_

MAILING ADDRESS 3601 SILVER SPRUCE CIRCLE BURTOUNSVILLE MD 20866  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 7202 MINK HOLLOW RD. HIGHLAND  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 0007 PARCEL(S) 216 & 485 PROPOSED LOT SIZE 1.5 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.

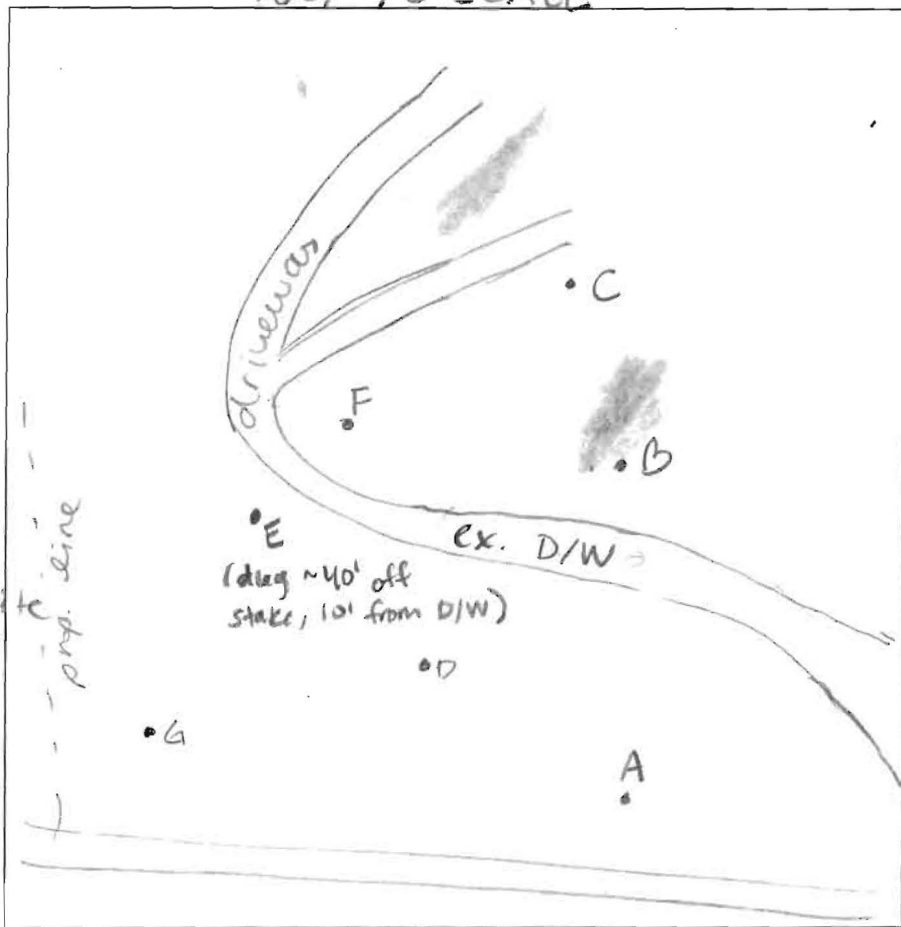
TEST RESULTS WILL BE MAILED TO APPLICANT.

[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

NOT TO SCALE

AP



Mink Hollow Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8-11-11	G	3.8' / 11'	9:47	10:07	10:33	26	P
8-11-11	D	4.5' / 11'	10:04	10:07	10:13	6	P
8-11-11	E	4.5' / 13'	10:27	10:28	10:31	3	P
8-11-11	F	3.5' / 10.5'	10:48	10:54	11:08	14	P
8-11-11	A	4' / 11'	11:17	11:21	11:27	6	P
8-11-11	B	4' / 11.5'	11:38	11:39	11:41	3	P
8-11-11	C	3.5' / 11'	12:01	12:02	12:04	2	P

REMARKS holes dug per plan except "E"

SANITARIAN HS BACKHOE \_\_\_\_\_ OTHERS Fabian bulldozers

TEST HOLES USED IN SDA 7 AVG. PERC TIME 8.5 SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 6 EFFECTIVE SW 2'

**[G]**  
 1' black bm & lmsbk  
 1' org brn ch sel lmsbk  
 4' yellow brn sel saprolite  
 6' yellow/org brn micaceous sel w/ mica schist & saprolite  
 9' brn fgl saprolite  
 11' HB

**[D]**  
 10" dk bml  
 3.5-4' yellow brn ch sel  
 4' pink brn micaceous sel  
 ↓  
 7.5' yellow/pink brn micaceous fgl saprolite w/tn @ 9.5'  
 10' brn sel w/ mica schist  
 11' HB

**[E]**  
 1.2' dk bml  
 4' yellow brn sel lmsbk  
 4' yellow brn fgl saprolite  
 5.5-6' brn w/ fgl  
 ↓  
 8' micaceous brn fgl w/ mica schist  
 white brn ls bottom 13'

**[F]**  
 dk bml lmsbk  
 red brn ch sel lmsbk  
 25'-31' red brn micaceous sel  
 5'-6' red brn micaceous fgl w/ mica schist  
 7' white/yellow brn w/ fgl saprolite white brn ls

**[A]**  
 dk bml  
 11' org brn ch sel 2msbk  
 4'-5' pink brn fgl  
 micaceous pink brn fgl w/ saprolite  
 brn ls w/ mica schist  
 11' HB

**[B]**  
 10' bml  
 brn vch sel lmsbk  
 3' red brn ch micaceous sel  
 brn sel w/ mica schist  
 brn ls w/ boulders 11.5'

**[C]** 2.5'-3' red brn micaceous sel / red brn fgl saprolite micaceous brn ls w/ mica schist

Submit with plan & check for 506.00



Howard County Health Department

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

A 522099

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

DATE 4/14/2005

DO NOT WRITE ABOVE THIS LINE

TAX ID # 05-344913

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 \_\_\_\_\_ 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 QF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

3 Bedrooms in main house 1 new bed in guest house

PROPERTY OWNER(S) Sarah Manning MANNING

DAYTIME PHONE 301 362 4000 CELL 443-538-2529 FAX 301 362 4003

MAILING ADDRESS 7202 Monk Hollow Highland Md 20727  
STREET CITY/TOWN STATE ZIP

APPLICANT Sarah Manning DAVID LEKROW - 434-941-5617

DAYTIME PHONE 301 362 4000 CELL \_\_\_\_\_ FAX 301 362 4003

MAILING ADDRESS 7202 Monk Hollow Highland Md 20727  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 7202 Monk Hollow  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE \_\_\_\_\_

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. Sarah Manning  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

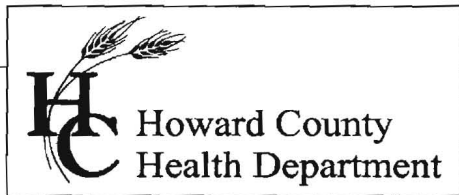
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H

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

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

Date: August 15<sup>th</sup>, 2011

To: Peter Staley  
Benning & Associates, Inc.

From: Heidi Scott, R.S.  
Development Coordination Section  
Well & Septic Program

RE: PERCOLATION TEST RESULTS  
7202 Mink Hollow Rd – Tax Map 40 Parcels 216 & 245

Percolation tests were conducted at the above referenced property on May 11<sup>th</sup>, 2011. A total of seven test holes were dug. Results indicate satisfactory soil conditions and perc rates for conventional onsite wastewater disposal. 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.

Field data collected is shown on the Test Data 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 established 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. Further review of this project is contingent upon submission of a Percolation Certification Plan. If you have any questions regarding this evaluation or requirements for the plan please contact me at (410) 313-6287.

Cc:  
Charlene & Fabian Depry  
File

**Benning & Associates, Inc.**

Land Planning Consultants

8933 Shady Grove Court

Gaithersburg, MD 20877

(301)948-0240

(301) 948-0241 fax

[pstaley@benninglandplan.com](mailto:pstaley@benninglandplan.com)

July 22, 2011

Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 21046

Re: 7202 Mink Hollow Road (Parcels 216 and 485)

To whom it may concern,

Enclosed please find 2 copies of the Well & Septic Site Plan along with an application for percolation testing for the subject property listed above.

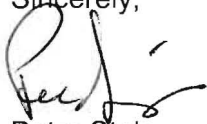
We have obtained records for all the adjacent properties and that information is shown on the plan. Your department was unable to provide information for the subject property and the property across Mink Hollow Road (#7197). We have proposed the well and septic locations in areas that we feel are the most appropriate for the site given current conditions.

There are site constraints noted from a site visit including areas of fill and some steep slopes. There are also limitations due to neighboring well and septic locations. The well has been placed upgrade as much as possible. The proposed septic location is in an area of regular topography not encumbered by fill or other unsuitable conditions.

The property (P216) was determined to be a legal "buildable lot" and a copy of the letter from Howard County Department of Planning and Zoning is included. The property was created prior to March 1972. We have shown the approximate area for 3 systems with accompanying test sites. One of the systems is to be on the adjacent parcel (P485) under the same ownership as the building lot. An easement is proposed on the adjacent parcel for the septic area.

Please feel free to contact our office if anything further is needed or if you have any questions.

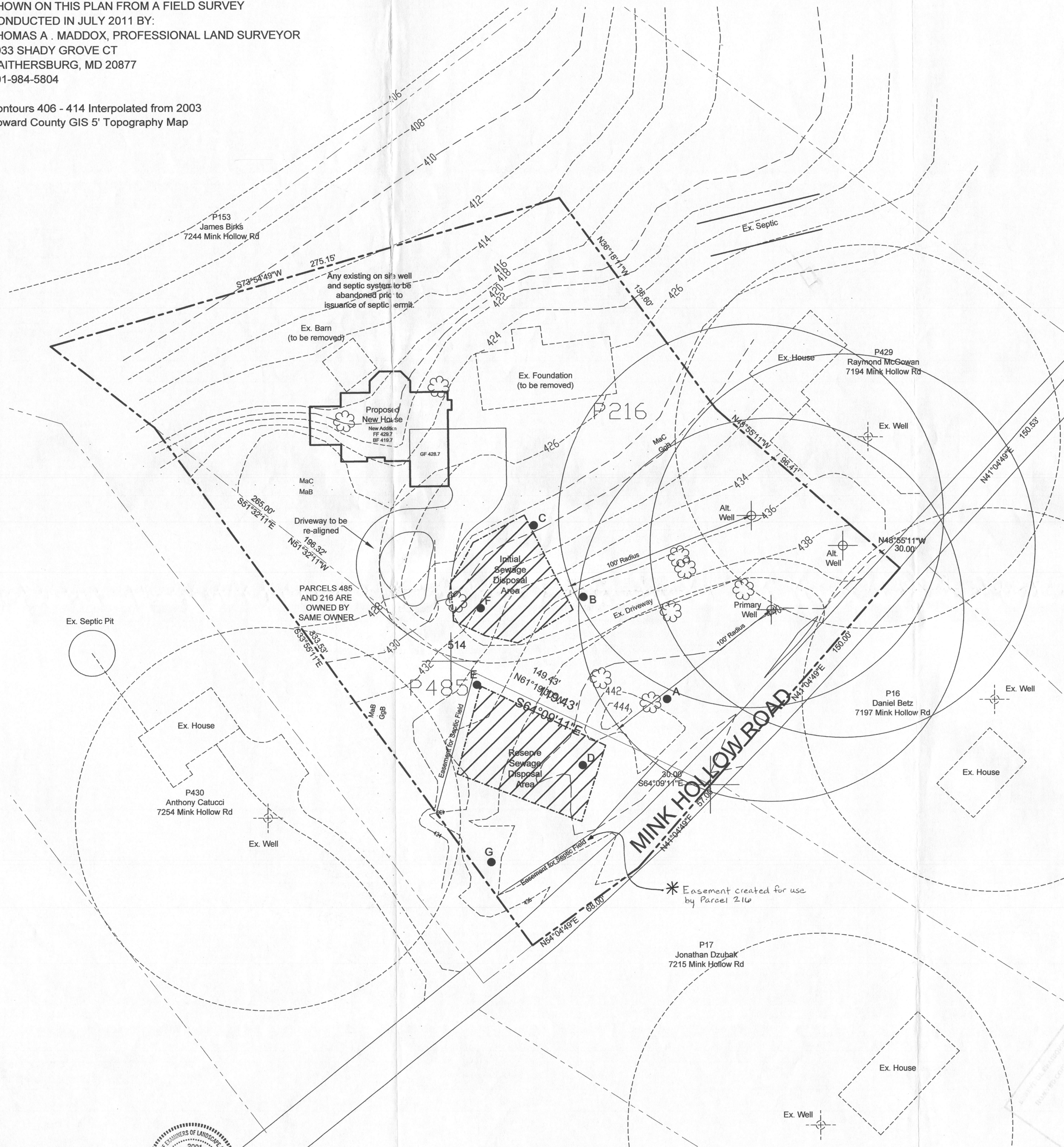
Sincerely,



Peter Staley

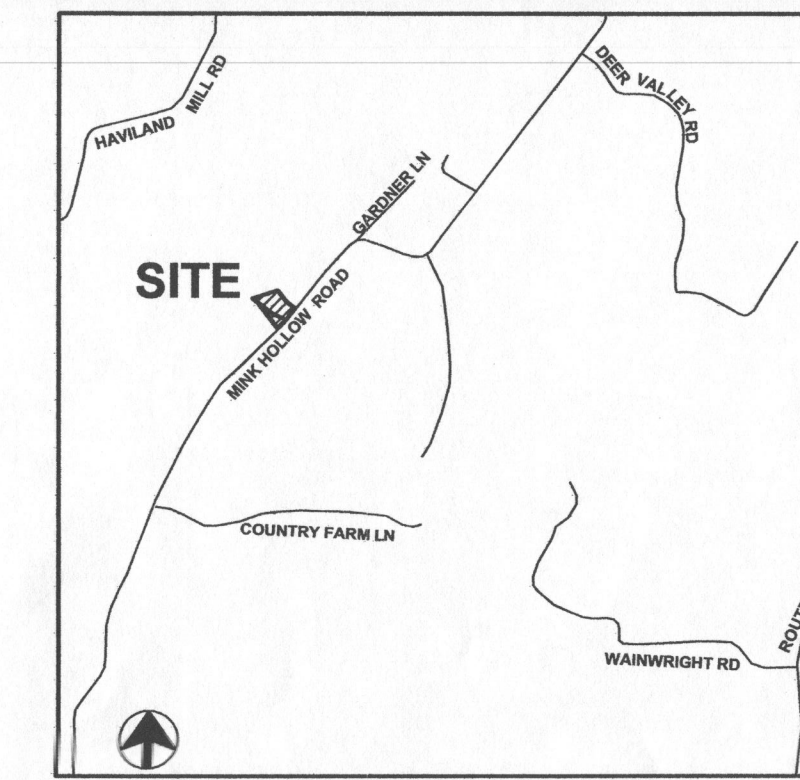
**Source of Topography:**  
 TWO-FOOT CONTOUR INTERVAL TOPOGRAPHY  
 SHOWN ON THIS PLAN FROM A FIELD SURVEY  
 CONDUCTED IN JULY 2011 BY:  
 THOMAS A. MADDOX, PROFESSIONAL LAND SURVEYOR  
 8933 SHADY GROVE CT  
 GAITHERSBURG, MD 20877  
 301-984-5804

Contours 406 - 414 Interpolated from 2003  
 Howard County GIS 5' Topography Map



**LEGEND**

- Proposed House
- Existing Contour
- Test Site (Passed)
- Proposed & Existing Well Sites
- Soil Types
- Sewage Disposal Area \*



VICINITY MAP  
 SCALE: 1" = 2,000'

PREPARED FOR:  
**FABIAN & CHARLENE DEPRY**  
 3601 SILVER SPRUCE CIRCLE  
 BURTONSVILLE, MD 20866  
 240-505-4119

\* This area designates a private sewage area as required by the Maryland State Department of the Environment for individual sewage disposal. For lots created prior to March 1972 it provides at least enough area to accommodate an initial and two replacement septic systems as required by the Howard County Health Department. Improvements of any nature in this area are restricted until public sewerage is available. This 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 area. Recordation of a modified sewage area shall not be necessary.

**PLAN NOTES:**

1. Any changes to a private sewage easement shall require a revised percolation certification plan.
2. The topography of this plat is taken from a field survey and is verified to accurately represent the relative changes on the subject property.
3. All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.
4. The purpose of this plan is to establish a usable sewage disposal system reserve area for future new home construction.
5. Any existing on site well and septic systems to be abandoned prior to issuance of demo permit.
6. Well and septic information shown per Howard County Health Department records. No records found for 7197 Mink Hollow Road or subject property.

**SEPTIC DESIGN NOTES: (4 BEDROOMS)**

- Avg. Perc Rate - 8.5 min.
- Trench Width - 3'
- Effective Depth - 2'
- 4 x 150 = 600
- 600 / .8 = 750
- 750 / 3 = 250
- 250 x .62 = 155' (system length)

**Professional Certification:**

I certify that the information shown hereon is based on field work performed by me or under my direct supervision and to the best of my knowledge and belief.

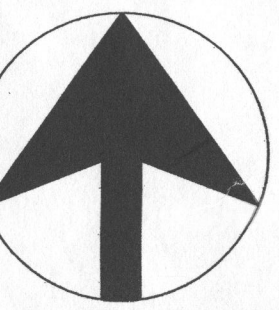
David W. McKee  
 MD RLA No. 2001  
 Date: 12-2-11



"Approved For Private Water and Private Sewerage Systems"

Health Officer, Howard County Health Dept.  
 Date: 12/7/2011

1. Sept 2011
2. Nov 2011



date: 10/03/11

scale: 1" = 30'

Benning & Associates, Inc.  
 Land Planning Consultants  
 8933 Shady Grove Court  
 Gaithersburg, MD 20877  
 (301)948-0240



PERCOLATION CERTIFICATION PLAN  
 HIGHLAND (P216 & P485)  
 7202 MINK HOLLOW ROAD  
 Howard County, Maryland