



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

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

**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 \_\_\_\_\_ 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) \_\_\_\_\_

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

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT \_\_\_\_\_

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

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

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

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

PROPERTY ADDRESS \_\_\_\_\_  
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.

\_\_\_\_\_  
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

AP ①

Brown L  
1'

Yellow/Brown  
Sicl  
4'

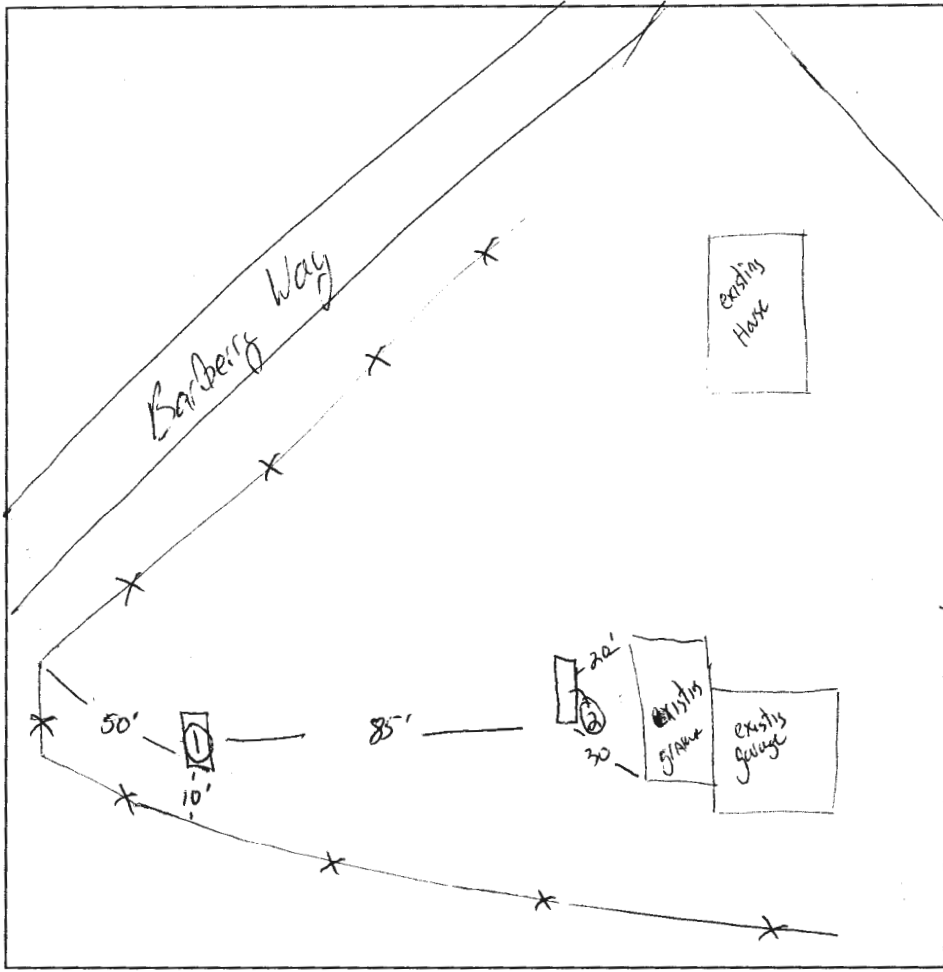
Pink/Yellow  
Red  
Sl w/  
Trace  
Rock  
12'

②

Brown L  
1'

Brown/Red  
ORANGE  
HEAVY Scl  
4'

Yellow/Red  
Pink  
Sl w/  
15% Rock  
12'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/8/06	1	4' / 12'	4:51	4:55	5:00	5 min	P
	2	4' / 12'	5:03	5:08	5:15	7 min	P

REMARKS - As tested OK

SANITARIAN KJB BACKHOE Justin B. OTHERS Dale Colson

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Mike Davis

March 7, 2006

Mike, Thanks for taking the time to meet with me last minute. I spoke with Zach Fisch the engineer and got the amount for him to prepare the perc cert, enclosed is the proposal. I asked him what if we did no field work. He said he would still need to verify the work, but I might be able to reduce by \$800. I know this seems high. However I just signed a proposal for him to do a one lot perc application plan \$3500. That's just for the application plan. I would appreciate in this case having a waiver for the perc cert plan. Kevin is perc testing the property and will verify the easement. The property corners are clearly marked. I appreciate your help with this issue.

  
Charles G. Zepp Jr.  
V.P. Heritage Land Development

3/8/2006  
No perc cert req'd.  
M. Davis

# FSH ASSOCIATES

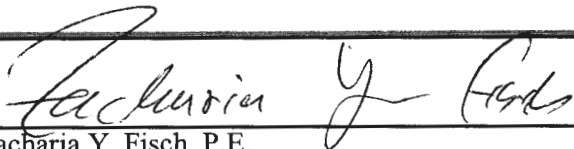
8318 FORREST STREET  
ELLCOTT CITY, MARYLAND 21043  
PHONE: (410) 750-2251 FAX: (410) 750-7350

## ADDITIONAL WORK AGREEMENT

COMPANY NAME: Heritage Land Development ADDENDUM NO: 3368-01  
ATTENTION: Mr. Chuck Zepp ADDRESS: 3060 Washington Road, Suite 220  
PROJECT: Colson Property LOCATION: Glenwood, MD 21738  
DATE: March 7, 2006 FSH JOB NO: 3368  
PHONE NO: 410-489-7900 FAX NO: 410-489-4754

THIS IS TO CONFIRM YOUR AUTHORIZATION FOR FSH ASSOCIATES TO PROCEED WITH SERVICES AS DESCRIBED BELOW.

DESCRIPTION OF SERVICES	HOURLY ESTIMATE	LUMP SUM FEE
Prepare a percolation test application plan and the percolation certification plan. Work includes field stakeout and field locate perc test holes with elevations.		\$3,000.00

  
Zacharia Y. Fisch, P.E.

Date 3/7/06

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
Please print name and title

SIGNATURE: \_\_\_\_\_

Barberry

N 53°38'19" E 225.48'

Wood Fence

Existing building restriction lines to be abandoned with the recordation of this plat.

Dry Well

Septic Drain Field Repair

Septic Reserve

Wooded

LOT 1

Dale & Lori Colson  
Liber 3105, Folio 199  
Parcel 304

Area=  
0.91 ACRES  
39463.5 SQ. FT.

Ex. 1 Story Frame House

Well O

3/4" Iron Pipe Found (Held)

LEGEND

- F/P = FIREPLACE
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE

ADDRESS No.: 1102 UP  
THE LOCATION DRAWN INsofar AS IT IS RE COMPANY OR ITS AG TRANSFER, FINANCING THE LOCATION DRAW TABLISHMENT OR LO OTHER EXISTING OR AND THE LOCATION I ACCURATE IDENTIFIC SUCH IDENTIFICATION OF TITLE OR SECURI

Wood Fence

N 70°23'29" W 234.04'

20' BRL (Plat 3896)

10' BRL

50' BRL (Plat 3896)

Ex. portion of garage addition to be removed to conform with BRL restrictions

19.1' Ex. Garage

Garage Addition Under Construction

10' BRL

S 27°22'01" W 138.80'

Macadam Driveway

3/4" Iron Pipe Fnd.

William & Kimberly Morgan  
Liber 6254, Folio 576  
Parcel 194

1,315,700

Underwood

S 01°52'31" W 101.5'

Grass

WESTCLIFF

PLAT  
TAX MAP  
4TH ELECT  
HOWARD COU

FSH As

**U.S. EQUIVALENT COORDINATE TABLE**

POINT	NORTHING	EASTING
305	610,071.7164	1,315,920.2305
306	610,045.5055	1,315,949.3177
307	609,944.0042	1,315,945.9943
318	609,820.7386	1,315,882.1896
320	609,902.9442	1,315,659.0236
321	610,036.6259	1,315,840.6012
1,044	609,899.2809	1,315,661.7223

**Reservation Of Public Utility Easements**

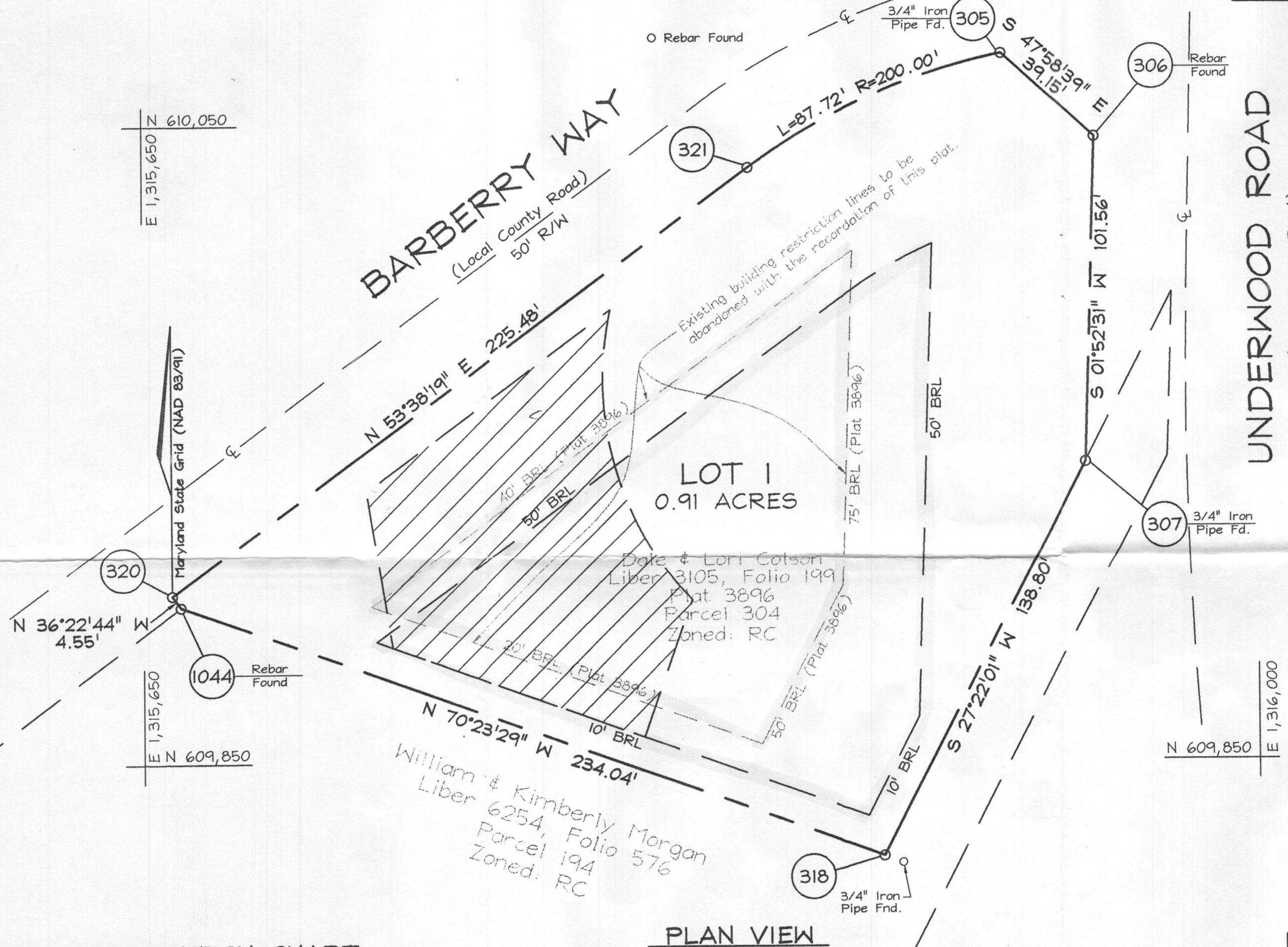
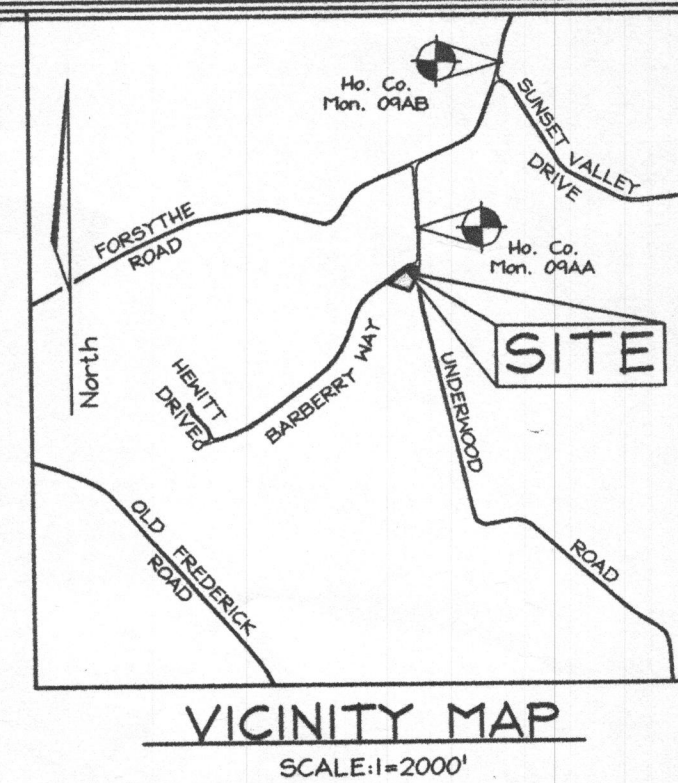
"Developer reserves unto itself, its successors and assigns, all easements shown on this plan for water, sewer, and other public utilities located in, on, over, and through Lot 1. Any conveyances of the aforesaid lots shall be subject to easements herein reserved, whether or not expressly stated in deed(s) conveying said lot(s). Developer shall execute and deliver deeds for easements herein reserved to Howard County, with a Metes and Bounds Description. Upon completion of the public utilities and their acceptance by Howard County, and the release of Developer's surety posted with said agreement, the county shall accept the easements and record the deed(s) of easement in the land records of Howard County."

The Requirements § 3-108, The Real Property Article, Annotated Code of Maryland, 1999 Replacement Volume, (As supplemented) as far as they relate to the making of this Plat and the Setting of Markers have been complied with.

*C. Brooke Miller* 2/20/06  
 C. Brooke Miller (Maryland Property Line Surveyor #135) Date

*Dale Robert Colson* 2/15/06  
 Dale Robert Colson Date

*Lori Lynn Colson* 2/15/06  
 Lori Lynn Colson Date



**GENERAL NOTES**

- Subject property zoned RC-DEO per 02/02/04 Comprehensive Zoning Plan.
- Coordinates based on NAD '83, Maryland Coordinate System as projected by Howard County. Geodetic Control Stations no. 09AA and no. 09AB. Denotes approximate location (see location map).  
 Sta. 09AA N 610,473.183 E 1,315,967.45  
 Sta. 09AB N 612,167.155 E 1,316,859.81
- Denotes iron pipe found.
- Denotes rebar and cap set.
- Denotes concrete monument found.
- Denotes concrete monument set.
- BRL Denotes Building Restriction Line.
- This plat is based on field run Monumented Boundary Survey performed on or about October, 2005 by FSH Associates. All lot areas are more or less (+/-).
- For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and road right-of-way line and not to the pipestem lot driveway.
- Driveway(s) shall be provided prior to issuance of a use and occupancy permit to ensure safe access for fire and emergency vehicles per the following requirements:  
 A) Width - 12 feet (14 feet serving more than one residence);  
 B) Surface - six (6") inches of compacted crusher run base with tar and chip coating (1-1/2" Minimum);  
 C) Geometry - Maximum 14% grade, Maximum 10% grade change and 45-foot turning radius;  
 D) Structures (culverts/bridges) - capable of supporting 25 gross tons (H25-loading);  
 E) Drainage elements - capable of safely passing 100 year flood with no more than 1 foot depth over surface;  
 F) Structure clearances - minimum 12 Feet;  
 G) Maintenance - sufficient to ensure all weather use
- Distances shown are based on surface measurement and not reduced to NAD '83 grid measurement.
- There are no wetlands, streams, cemeteries, steep slopes or 100 Year Floodplain existing on-site.
- The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland State Department of the Environment.
- This subdivision is exempt from providing storm water management. Lot is developed.
- Existing dwelling on lot 1 to remain, no new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require.
- This subdivision plat is exempt from Forest Conservation Requirements of the Howard County Code in accordance with Section 16.1200.(b).(1)(vii) because it is a plat of revision.
- This subdivision plat is exempt from the perimeter landscape requirements of Section 16.124 of the Howard County Code and Landscape Manual because it is a plat of revision.
- There is an accessory structure on Lot 1 to remain which is non-conforming with respect to the building restriction lines as set-forth under Section 104.E of the Zoning Regulations. No new buildings, extensions or additions to the existing structures are to be constructed at a distance less than the Zoning Regulations require.
- This plat is subject to the amended fifth edition of the Subdivision and Land Development Regulations per Council Bill 45-2003 and Zoning Regulations as amended by Council Bill 75-2003. Development or construction on this lot must comply with setback and buffer regulations in effect at the time of submission of the site development plan, waiver petition application, or building/grading permit.

**AREA TABULATION CHART**

- Total number of Buildable Lots to be recorded: 1
- Total area of Buildable Lots to be recorded: 0.906 Acres
- Total area of road widening to be recorded: 0.000 Acres
- Total area of subdivision to be recorded: 0.906 Acres

Howard County Health Department  
 APPROVED: For Private Water and Sewerage Systems

*Penny E. Boronstein MD* 4/10/06  
 Penny E. Boronstein, MD, Health Officer Date

APPROVED: Howard County Department of Planning and Zoning

Chief, Development Engineering Division \_\_\_\_\_ Date \_\_\_\_\_  
 Director \_\_\_\_\_ Date \_\_\_\_\_

**OWNER'S CERTIFICATE**

We, Dale Robert Colson and Lori Lynn Colson, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Department of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns: (1) The right to lay, construct and maintain sewers, drains, water pipes and other Municipal utilities and services in and under all road and street Rights-of-Way and the specific easement areas shown hereon; (2) The right to require dedication for Public use the beds of the streets and/or roads and Floodplains and Open Space where applicable and for good and other valuable consideration hereby grant the right and option to Howard County to acquire the Fee Simple Title to the beds of the streets and/or roads and Floodplains, Storm Drainage Facilities and Open Space where applicable; (3) The right to require dedication of Waterways and Drainage easements for the specific purpose of their construction, repair and maintenance; And (4) That no building or similar structure of any kind shall be erected on or over said Easements and Rights-of-Way.

Witness my hand this 15th day of February, 2006

*Dale Robert Colson* Dale Robert Colson  
*Lori Lynn Colson* Lori Lynn Colson

*Chris D. [Signature]* Witness  
*Chris D. [Signature]* Witness

**PURPOSE NOTE**

The purpose of this plat is to revise the outline of existing building restriction lines to current standards.

**OWNER/DEVELOPER**

DALE ROBERT COLSON  
 & LORI LYNN COLSON  
 1102 Underwood Road  
 Sykesville, Maryland 21784

**SURVEYOR'S CERTIFICATE**

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of all of the lands conveyed by Dale Robert Colson to Dale Robert Colson and Lori Lynn Colson by deed dated December 6, 1993 and recorded in the land records of Howard County in liber 3105 folio 199, and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland, as amended.



*C. Brooke Miller* 2/20/06  
 C. Brooke Miller (Maryland Property Line Surveyor #135) Date

Recorded as Plat No. \_\_\_\_\_ on \_\_\_\_\_  
 Among the Land Records of Howard County, Maryland.

REVISION PLAT OF  
**LOT 1**  
**WESTCLIFFE MANOR**  
 (LOT 1 PLAT #3896)  
 PARCEL 304  
 TAX MAP 9 GRID 2  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

Scale: 1"=30'  
 Date: January 10, 2006  
 Sheet 1 of 1

Health F-06-160  
 0's only

E 1,315,700  
N 610,100

N 610,100  
E 1,316,000

E 1,315,700  
N 609,800

Maryland State Grid (NAD 83/91)



LOT  
 Dale & Lori Colson  
 Liber 3105, Folio 199  
 Parcel 304  
 Area=  
 0.91 ACRES  
 39463.5 SQ. FT.

William & Kimberly Morgan  
 Liber 6254, Folio 576  
 Parcel 194

**LEGEND**  
 F/P = FIREPLACE      O/H OVERHANG  
 B/W = BAY WINDOW    H/P HEAT PUMP/AIR COND.  
 D/W = DRIVEWAY       G/M GAS METER  
 CONC = CONCRETE     E/M ELECTRIC METER  
 DIMENSIONS FROM FOUNDATION WALL TO PROPERTY LINE ARE ±0.1'  
 ADDRESS No.: 1102 UNDERWOOD ROAD  
 THE LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY  
 INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE  
 COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED  
 TRANSFER, FINANCING OR REFINANCING;  
 THE LOCATION DRAWING IS NOT TO BE RELIED UPON FOR THE ES-  
 TABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR  
 OTHER EXISTING OR FUTURE IMPROVEMENTS;  
 AND THE LOCATION DRAWING DOES NOT PROVIDE FOR THE  
 ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT  
 SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER  
 OF TITLE OR SECURING FINANCING OR REFINANCING.

**LOT 1  
 WESTCLIFFE MANOR**  
 PLAT #3896  
 TAX MAP 9 GRID 7  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**FSH Associates**  
 Engineers Planners Surveyors  
 8318 Forrest Street Ellicott City, MD 21043  
 Tel:410-750-2251 Fax: 410-750-7350  
 E-mail: info@fsha.biz

LOCATION DRAWING	
CHECKED:	CBM
DATE:	10/04/05
DRAWN BY:	MED
SCALE:	1" = 20'
W.O. No.:	3368