



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 528483

AGENCY REVIEW: _____ DATE 2/6/08

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) Cunningham

DAYTIME PHONE _____ CELL # 443-745-3498 FAX _____

MAILING ADDRESS 11140 Homewood Rd
STREET CITY/TOWN STATE ZIP

APPLICANT Hatfields Equipment

DAYTIME PHONE 301-854-6172 CELL _____ FAX _____

MAILING ADDRESS PO Box 519 Annapolis Junction MD 20701
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

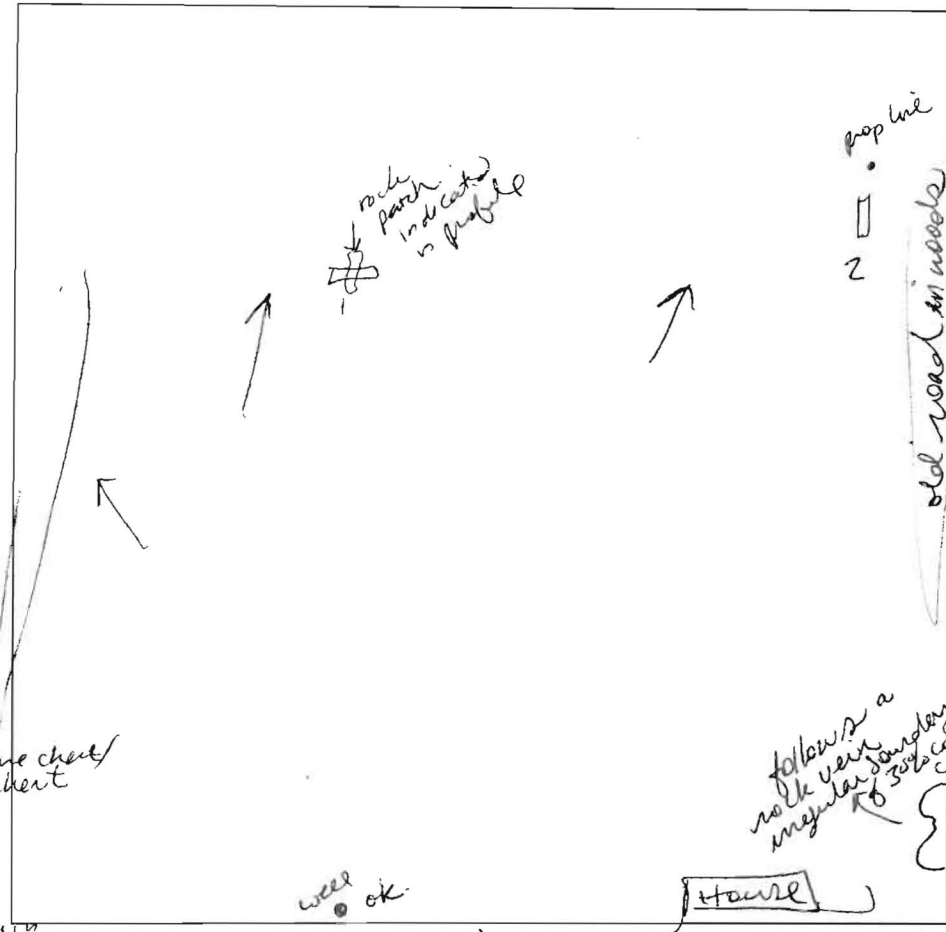
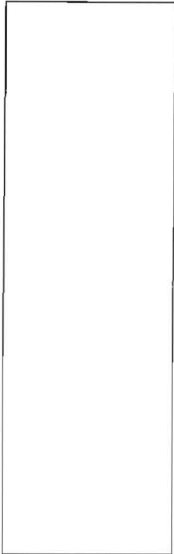
PROPERTY ADDRESS 11140 Homewood Road
STREET TOWN/POST OFFICE

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
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



9" dark brown & 5-10% coarse chert/chert
 St. brown m. s.l. s.l.
 2' St. brown 2 1/4" 35% f/m s.l. micaeous coarse chert
 3'8" brown f.s.l. sg patches of cemented Saprolite s.l. pale brown med s.l. sg Saprolite

14' coarse chert ~ 15%
 Inlet @ 4' #1
 Inlet @ 3 1/2 - 4' #2

pop line
 old road in woods
 ~ 1-2' cut appears to have met the grade on the top map or plan.
 2 dark brown & s.l.k
 St. brown s.l. s.l.k micaeous
 2 1/2 d(2) masses red/yell/gay
 3 1/2 St. brown heavy f/m s.l. micaeous 25-30% coarse chert Saprolite
 7' pale brown med s.l. sg Saprolite
 15'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
4/1/08	1	6 1/2 / 15'	9:20	9:25	9:32	7	P	
			tested in weak cemented soil					
	2	6 1/2 / 15'	9:39	9:51	10:13	fall over slow		
		B'	10:17	10:18	10:21	3	P	

REMARKS Inlet @ 4' #1 Inlet @ 3 1/2 - 4' #2 #2EA ~ 7'
 SANITARIAN SS BACKHOE Hatfield OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 0.8 SQ. FT/BR _____
 TRENCH WIDTH 2 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW 3.5

tested during wet season '08 4.5 EA will need 129' extra trench.



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

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

April 17, 2008

Thomas Cunningham
11140 Homewood Rd
Ellicott City, MD 21042

RE: Percolation Test Results – 528483
11140 Homewood Rd

Dear Mr. Cunningham,

Percolation testing conducted April 1, 2008 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review of the property is contingent upon submission of a percolation certification plan required under Sec 3.805 of the Howard County Code. Enclosed are the requirements of a percolation certification plan along with common setback requirements. In addition, a closed pipe is recommended to be installed in the old unpaved driveway area on the property (shown as a swale on the plan). This will allow the septic area to be extended within 10' of the pipe and provide the additional septic area needed to accommodate the six-bedroom home. Contact the Howard County Department of Inspections, Licenses, and Permits to confirm the use of a closed pipe is acceptable for handling run-off. The percolation certification plan needs to include this pipe on the plan. The locations of the geothermal wells also will need to be included on the plan along with the proposed additions. Also include the original septic easement, the modified septic easement, and all past and present test holes.

Additionally, the proposed addition encroaches on the existing septic system. An upgrade will be required prior to building permit approval. The percolation certification plan will need to be approved prior to system upgrade. Please contact the Health Department to go over the system upgrade. A site inspection will be needed to ensure proper placement prior to scheduling septic installation. Also provide your septic contractor information so we can discuss the system upgrade with them.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

Sara Sappington, R.S.
Well and Septic Program
Development Coordination Section

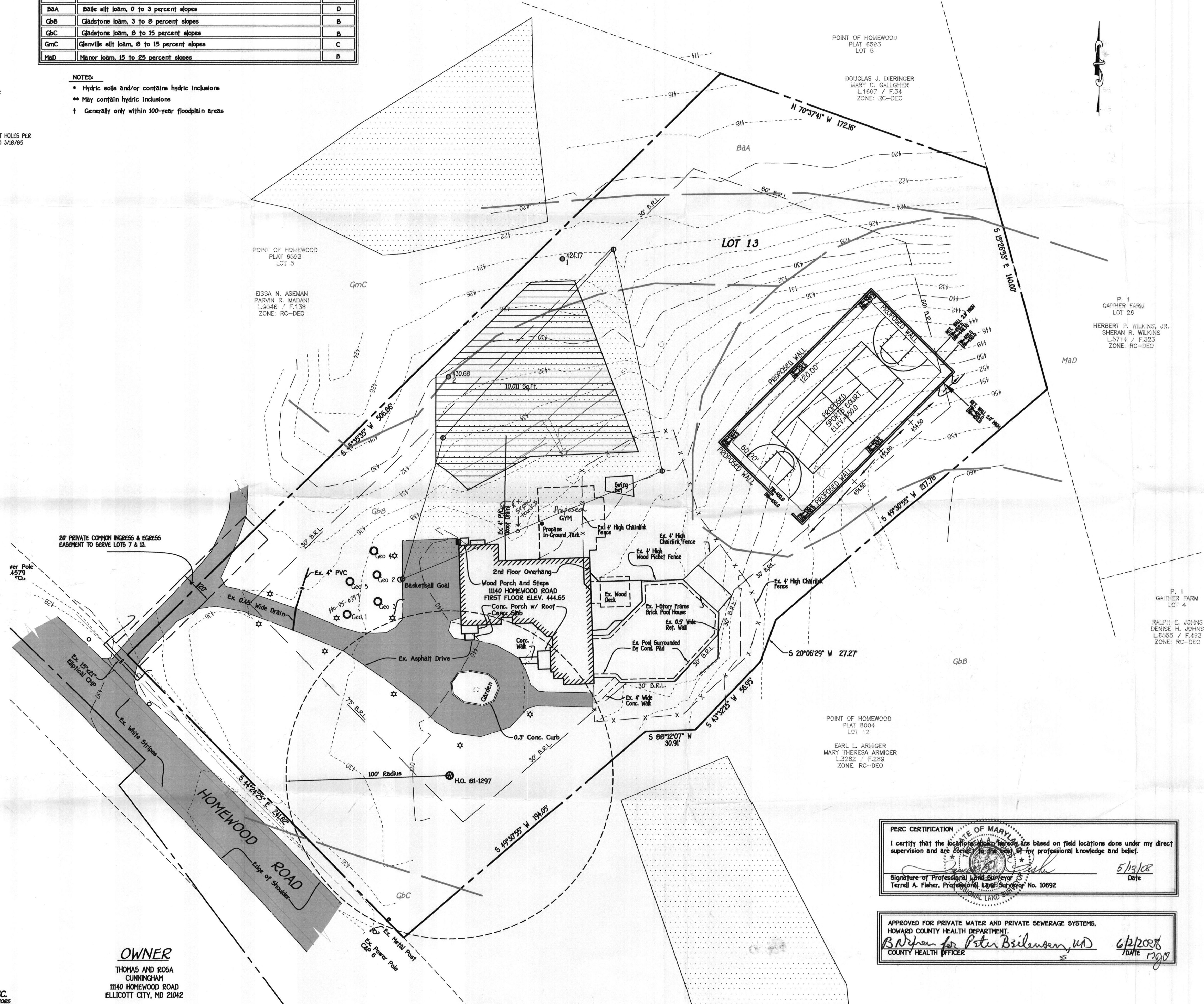
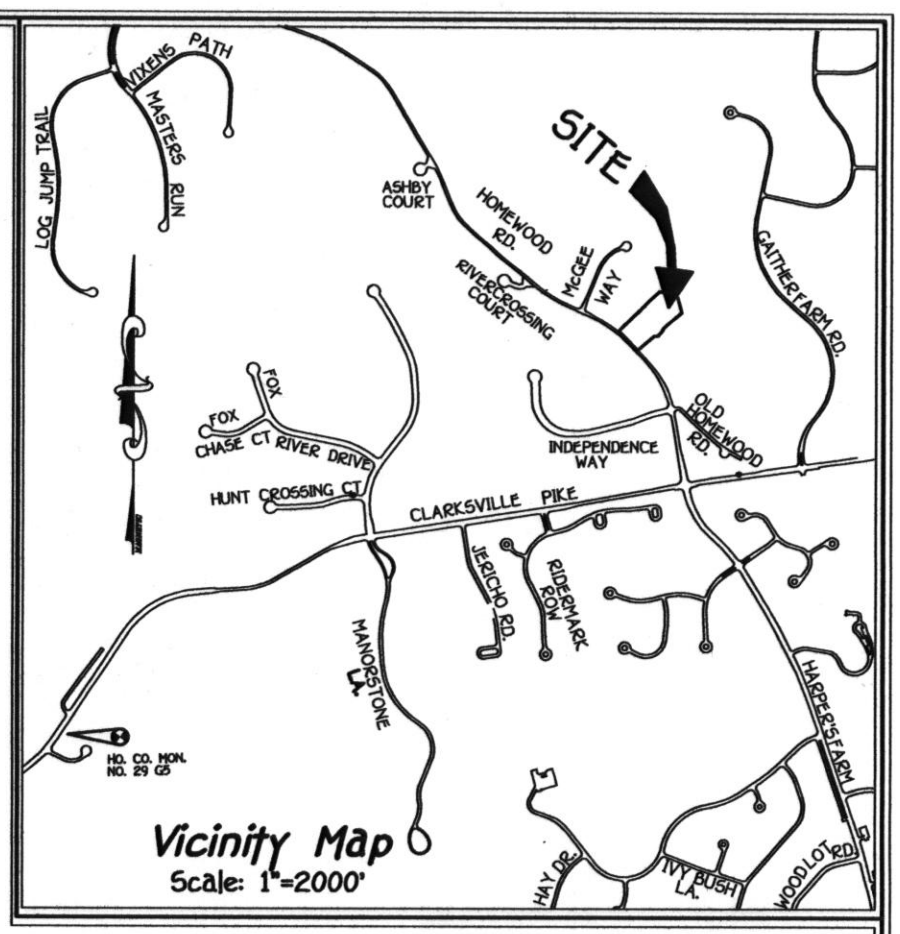
LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES EXISTING HOUSE
- DENOTES 15-24.9% SLOPES
- DENOTES 25% AND GREATER SLOPE
- DENOTES EXISTING PERC AREA
- DENOTES PROPOSED PERC AREA
- DENOTES ORIGINAL APPROVED TEST HOLES PER HEALTH DEPARTMENT NOTES DATED 3/18/95

SOILS LEGEND

SOIL	NAME	CLASS
B&A	B&A silt loam, 0 to 3 percent slopes	D
GbB	Gladstone loam, 3 to 8 percent slopes	B
GbC	Gladstone loam, 8 to 15 percent slopes	B
GmC	Glenville silt loam, 8 to 15 percent slopes	C
M&D	Minor loam, 15 to 25 percent slopes	B

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



GENERAL NOTES:

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. RECOGNITION 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 THE BEST AVAILABLE INFORMATION.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS AND CARTER, INC.
7. BOUNDARY OUTLINE BASED ON A FIELD RUN BY FISHER, COLLINS AND CARTER, INC. BOUNDARY.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. PLAT REF. 8004
10. HOUSE IS LIMITED TO 6 BEDROOM MAXIMUM.
11. A LOW PRESSURE DOSE SYSTEM WILL BE REQUIRED FOR ANY SYSTEM WITH UNEQUAL LENGTH TRENCHES.

OWNER
 THOMAS AND ROSA
 CUNNINGHAM
 11140 HOMERIDGE ROAD
 ELLICOTT CITY, MD 21042

PERC CERTIFICATION
 I certify that the location, depth, and size 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: Terrel A. Fisher, Professional Land Surveyor No. 10692
 Date: 5/13/08

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 Signature of Peter Beilenson, MD
 COUNTY HEALTH OFFICER
 Date: 6/2/08

PERC CERTIFICATION PLAT
POINT OF HOMERIDGE
 LOT 13

TAX MAP #29 A-520403 PARCEL: 279
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"= 30' DATE: MAY 13, 2008