

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.

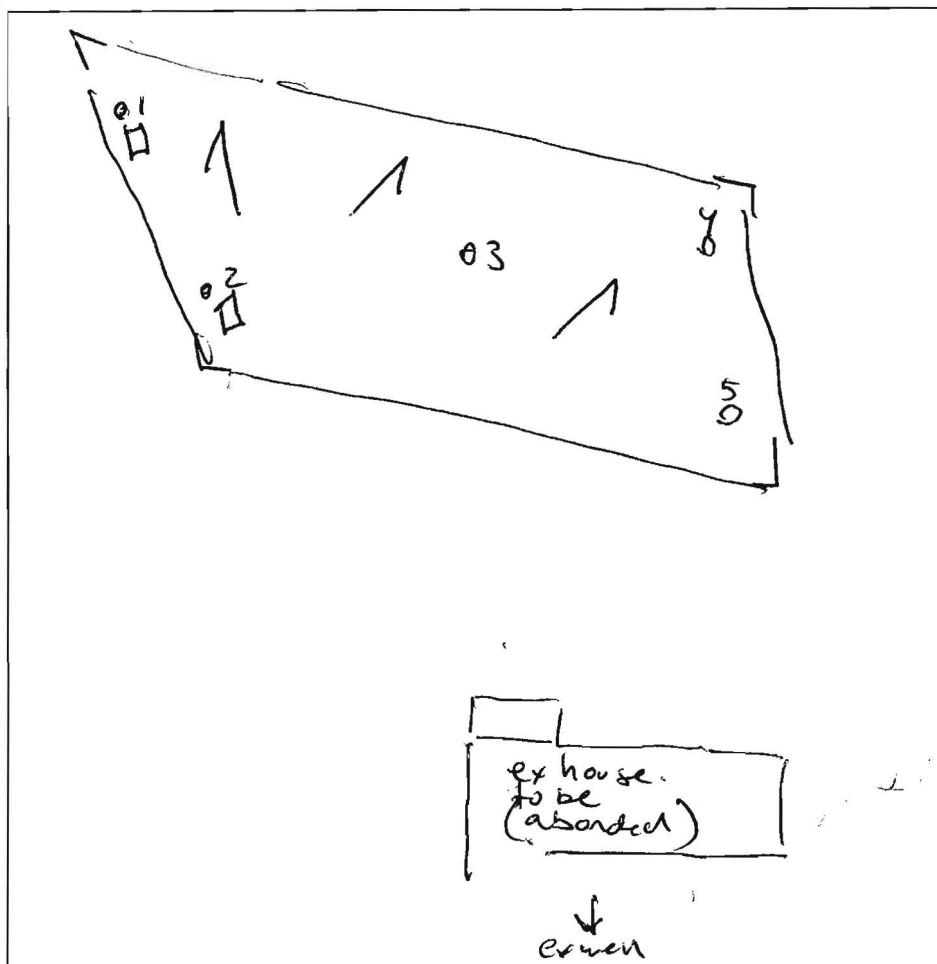
SIGNATURE OF APPLICANT _____

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



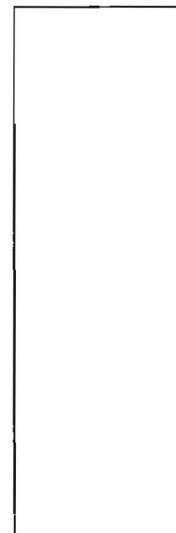
①
brown
loam
1
0-b
silt
2
0-b
silt
(ab)
3 1/2
y-b
silt
loam
5 cherry
frags
silt 10%

②
brown
loam
1
0-b
heavy
silt
3 1/2
y-b
silt
slightly
mucous
5%
frags
fine
silt 10%



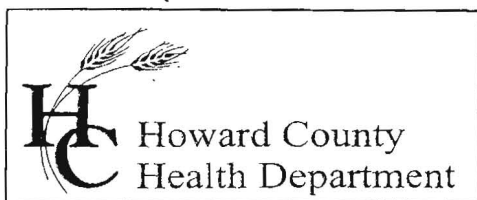
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/4/05	1	5 11	1:26	1:28	1:31	3	P
	2	4.5 11	1:44	1:46	1:49	3	P
	3	11			Visual		P
	4	3.5 11	2:00	2:02	2:04	2	P
	5	3 11	2:10	2:12	2:15	3	P

REMARKS ~~other~~ holes could of been dug deeper -
 SANITARIAN PAY BACKHOE Greg King OTHERS _____
 TEST HOLES USED IN SDA 5 AVG. PERC TIME 2-3 SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 7 EFFECTIVE SW 4



③
brown
1
heavy
0-b
silt
3
y-b
platey
silt
mucous
5
cherry
frags
10
fine
silt/silt

④ ⑤
brown
1
heavy
0-b
silt
3
y-b
platey
silt
5
mucous
10
cherry
frags
silt



Bureau of Environmental Health
7178 Columbia 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

Penny E. Borenstein, M.D., M.P.H., Health Officer

August 8, 2005

Mr. Greg King
17311 Parson Grove Terr.
Olney MD, 20832

RE: PERCOLATION TEST RESULTS-A18873
Tax Map 34, Parcel 354
Lot 8, Cortina Dr.

Dear Mr. King

Percolation testing conducted August 4, 2005 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) Actual locations and elevations of all excavated test holes
- 2) A suitable house and well site for each lot
- 3) Two replacement well sites or approximately 1500 square feet of approvable well area for each lot
- 4) All existing wells and septic reserve areas on the property
- 5) Locations of any other relevant features such as streams, swales, or existing structures
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) A note indicating that depicted topography reflects field-matched information
- 8) A health officer signature block stating "approved for private water and private sewerage systems"
- 9) A MDE sewage disposal area statement is required

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Respectfully,

Peter A. Yencsik
Development Coordination Section
Well and Septic Program

PY
Enclosures
cc:

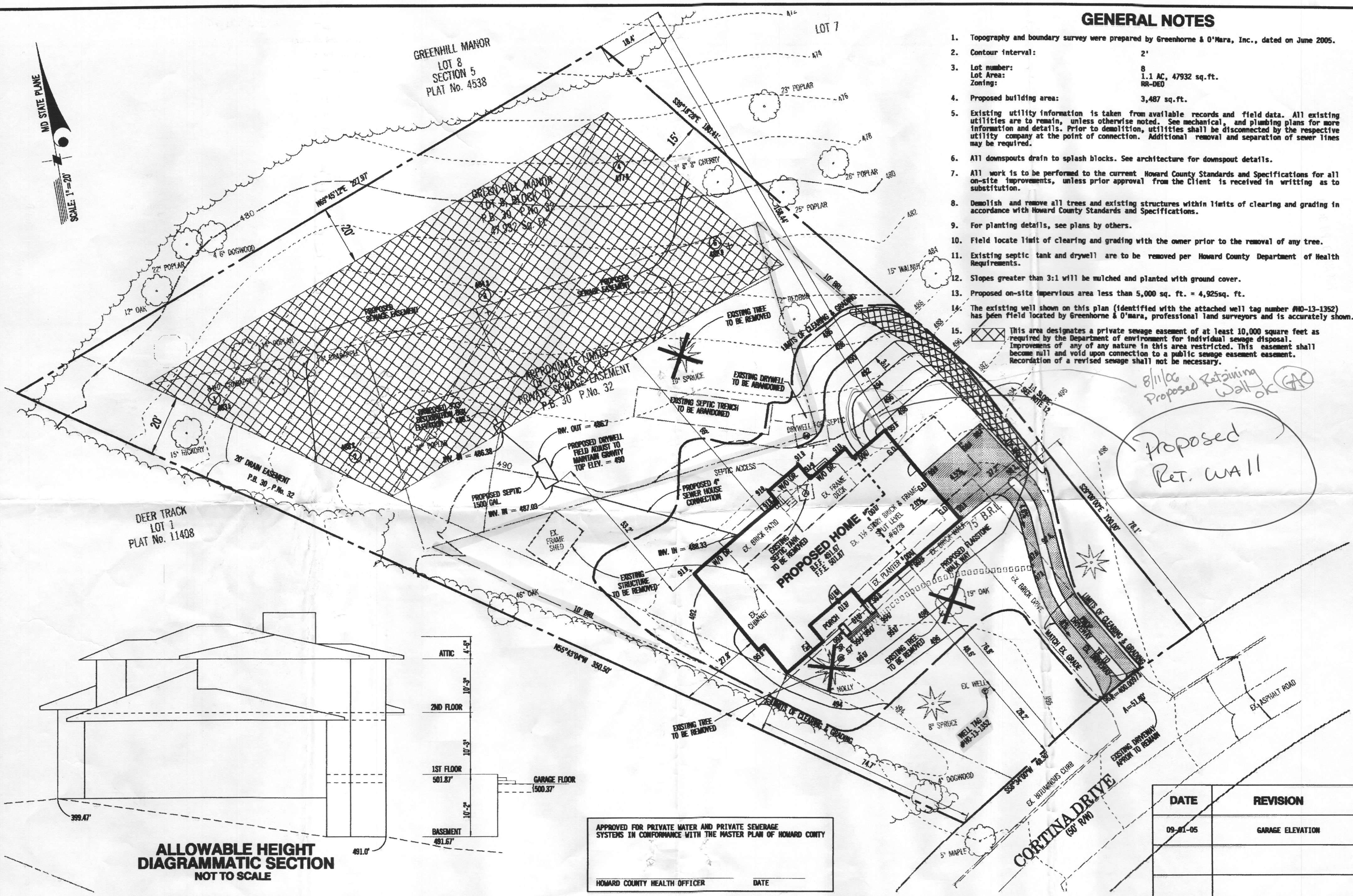
File

GENERAL NOTES

- Topography and boundary survey were prepared by Greenhorne & O'Mara, Inc., dated on June 2005.
- Contour interval: 2'
- Lot number: 8
Lot Area: 1.1 AC, 47932 sq. ft.
Zoning: RR-DEO
- Proposed building area: 3,487 sq. ft.
- Existing utility information is taken from available records and field data. All existing utilities are to remain, unless otherwise noted. See mechanical, and plumbing plans for more information and details. Prior to demolition, utilities shall be disconnected by the respective utility company at the point of connection. Additional removal and separation of sewer lines may be required.
- All downspouts drain to splash blocks. See architecture for downspout details.
- All work is to be performed to the current Howard County Standards and Specifications for all on-site improvements, unless prior approval from the Client is received in writing as to substitution.
- Demolish and remove all trees and existing structures within limits of clearing and grading in accordance with Howard County Standards and Specifications.
- For planting details, see plans by others.
- Field locate limit of clearing and grading with the owner prior to the removal of any tree.
- Existing septic tank and drywell are to be removed per Howard County Department of Health Requirements.
- Slopes greater than 3:1 will be mulched and planted with ground cover.
- Proposed on-site impervious area less than 5,000 sq. ft. = 4,925sq. ft.
- The existing well shown on this plan (identified with the attached well tag number #40-13-1352) has been field located by Greenhorne & O'Mara, professional land surveyors and is accurately shown.
- This area designates a private sewage easement of at least 10,000 square feet as required by the Department of environment for individual sewage disposal. Improvements of any of any nature in this area restricted. This easement shall become null and void upon connection to a public sewage easement. Recordation of a revised sewage shall not be necessary.

8/11/06 Proposed Retaining Wall OK (GAC)

Proposed Ret. Wall



CONTRACT PURCHASER:
JOLENE ZANGARDI
 6728 CORTINA DR.
 HIGHLAND, MD 20777
 PHONE #: (301) 598-2100

GENERAL CIVIL TRANSPORTATION ENVIRONMENTAL GEOGRAPHIC SCIENCES
GREENHORNE & O'MARA, INC. 20410 CENTURY BOULEVARD, SUITE 200, GERMANTOWN, MARYLAND 20874
 PHONE: (301) 444-8282 FAX: (301) 444-8181
 www.g-and-o.com
 FLORIDA • GEORGIA • MARYLAND • NORTH CAROLINA • PENNSYLVANIA • VIRGINIA • WEST VIRGINIA

PERC CERTIFICATION AND BUILDING PERMIT PLAN
GREENHILL MANOR
 LOT 8, BLOCK D
 PLAT BOOK 30 PLAT NO. 32
 HOWARD COUNTY, MARYLAND

DATE	REVISION
09-01-05	GARAGE ELEVATION

MAH	SCALE	1" = 20'
DESIGN	1 OF 1	
DB/MAD		
DRAWN		
CHECKED	SHEET	
JUNE 2005	0000-000	R-942-P
DATE	PROJ No.	FILE No.