



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 525678

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) THOMAS E. & DEBORAH J. MAZERSKI

DAYTIME PHONE 410 795 1800 CELL _____ FAX 410 489 2466

MAILING ADDRESS 16013 LADY CAMARIN CT. MT. AIRY MD. 21771
STREET CITY/TOWN STATE ZIP

APPLICANT CARROLL LAND SERVICES, INC.

DAYTIME PHONE 410 848 1790 CELL _____ FAX 410 848 1791

MAILING ADDRESS 439 E. MAIN ST. WESTMINSTER MD. 21157
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION (LISBON FARMS) APPROX. 1 MILE WEST OF OLD
SUBDIVISION/PROPERTY NAME RTB # 94 ALONG OLD FREDERICK RD. LOT NO. PARCEL-4

PROPERTY ADDRESS 16448 OLD FREDERICK RD. MT. AIRY # 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 2 GRID 22 PARCEL(S) 129 PROPOSED LOT SIZE 5.385 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.

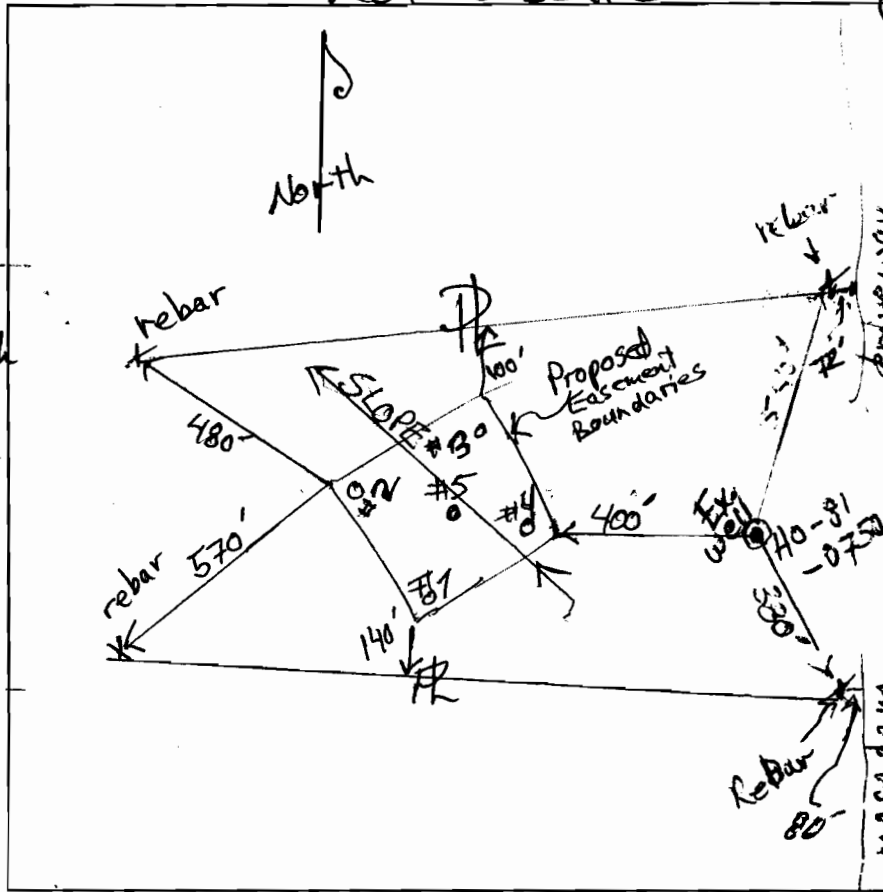
Joseph E. [Signature]
SIGNATURE OF APPLICANT

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 525678

not to scale

#1
 0.5' brn grl
 brn-red ch sil 20% channers
 2.5' multicolor sil, 3fpl red-pink-yel-wh saprolite
 6.0' multicolor vch sil saprolite 40% Cr
 72.5' ↓



#2
 0.5' brn loam
 red brn ch sil, 2f sbk 10% channers
 3.5' multicolor saprolite red brn-yel brn-pale brn-blk 3fpl
 11.5' vch sil saprolite 35% Cr
 13' ↓

#4
 0.5' brn grl
 brn-red ch sil 15% channers
 2' multicolor sil, 3fpl saprolite 10% channers
 7.5' multicolor vch sil sap. 45% channers
 13.5' ↓

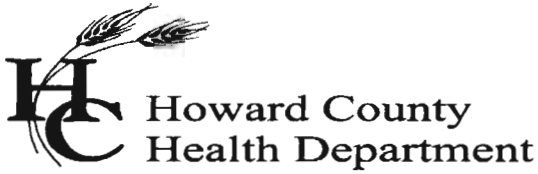
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/12/07	1	6.5' / 12.5' Ø	Ø	12	37	25	P
1/12/07	4	5' / 13.5' Ø	Ø	7	18	11	P
1/12/07	3	6.5' / 12.5' 2	2	10	23	13	P
1/12/07	2	6.5' / 13' Ø	Ø	13	32	19	P
1/12/07	5	13'	Visual,	saprolite deep			P

#3
 0.5' brn loam
 brn-red sil, 1f sbk
 3' yel-brn loamy, 10% ch 1fpl thin clay skins
 5.5' pale brn & loam vch sil, 2fpl saprolite 35% channers
 12.5' ↓

#5
 0.5' brn l
 red brn ch sil
 2.5' yel brn ch sil
 4' red brn vch sil, clay coatings 35% channers
 6' quartz stone & boulders
 multicolor sil, 3fpl saprolite
 11.5' vch sil saprolite 40% channers
 13' ↓

REMARKS
 SANITARIAN RB BACKHOE Fogles (Mike) OTHERS Wayne Watkins (CST)
 TEST HOLES USED IN SDA 1, 2, 3, 4, 5 AVG. PERC TIME 17 min SQ. FT/BR 250
 TRENCH WIDTH 2' INLET DEPTH 4.5' MAX. BOT DEPTH 6.5' EFFECTIVE SW 1'

↑ efficient & potential expansion → Trench length 100' / BR



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-899-313-6300
website: www.hchealth.org

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

January 17, 2007

Thomas and Debora Mazerski
16013 Lady Camarin Ct.
Mt. Airy, Maryland 21771

RE: PERCOLATION TEST RESULTS, **A-525678**

Dear Mr. & Mrs. Mazerski,

Percolation testing conducted on the referenced property on January 12, 2007. Field data collected are shown on the Percolation Test Worksheet enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall are provided for subsequent system design, and all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested.

Percolation Test Results indicate soils' conditions that are satisfactory for onsite wastewater disposal. Parameters for system design are shown on the Percolation Test Results worksheet: depth of Inlet is to be 4.5 feet, with 2 feet of gravel to Trench Bottom at 6.5 feet. Usable Sidewall is 1 foot. The proposed Trench Width is 2 feet, and the required Trench Length per bedroom is 100 feet.

A 1500-gallon septic tank (minimum volume) will be required for a residence having 1500-to-3500 square feet of floor space. A 2000-gallon septic tank will be required if the area is greater than 3500 square feet.

An existing well (tag# HO-81-0750) was observed on the subject property. The well's steel casing extends about 18" above the soil surface. The one-piece cap has an opening where the electrical conduit was to be attached. The well will be required to meet current code, i.e. two piece, sealed cap with electrical conduit firmly attached to cap and extending 18" beneath soil surface, and pitless adapter connection at least 36" beneath soil surface. Water samples from this well will be tested and the well will be inspected for compliance with current code before an occupancy permit will be issued for the proposed residence.

The well is to be protected during all phases of property redevelopment. Similarly the integrity of the septic easement is not to be compromised at any time; installation of drainfield trenches is the only acceptable excavation activity that should occur in that area.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by calling (410) 313-2691.

Respectfully,

Robert C. Bricker, Jr., CPSS
Well and Septic Program
Development Coordination Section

Enclosure

CC: Joe Purdy, CLSI-Westminster
File