

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AGENCY REVIEW: _____

CAIP 522507

DATE 6/3/05

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 4 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) Mashhood and Mary Esfanaaji

DAYTIME PHONE 410 489-5613 CELL 301 412-7958 FAX _____

MAILING ADDRESS 1050 Saint Michaels Rd Mount Airy MD 21771
STREET CITY/TOWN STATE Z

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE Z

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Poplar Heights Subdivision LOT NO. H

PROPERTY ADDRESS 1050 Saint Michaels Rd Mount Airy
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID 8 PARCEL(S) 27 PROPOSED LOT SIZE 5.12A

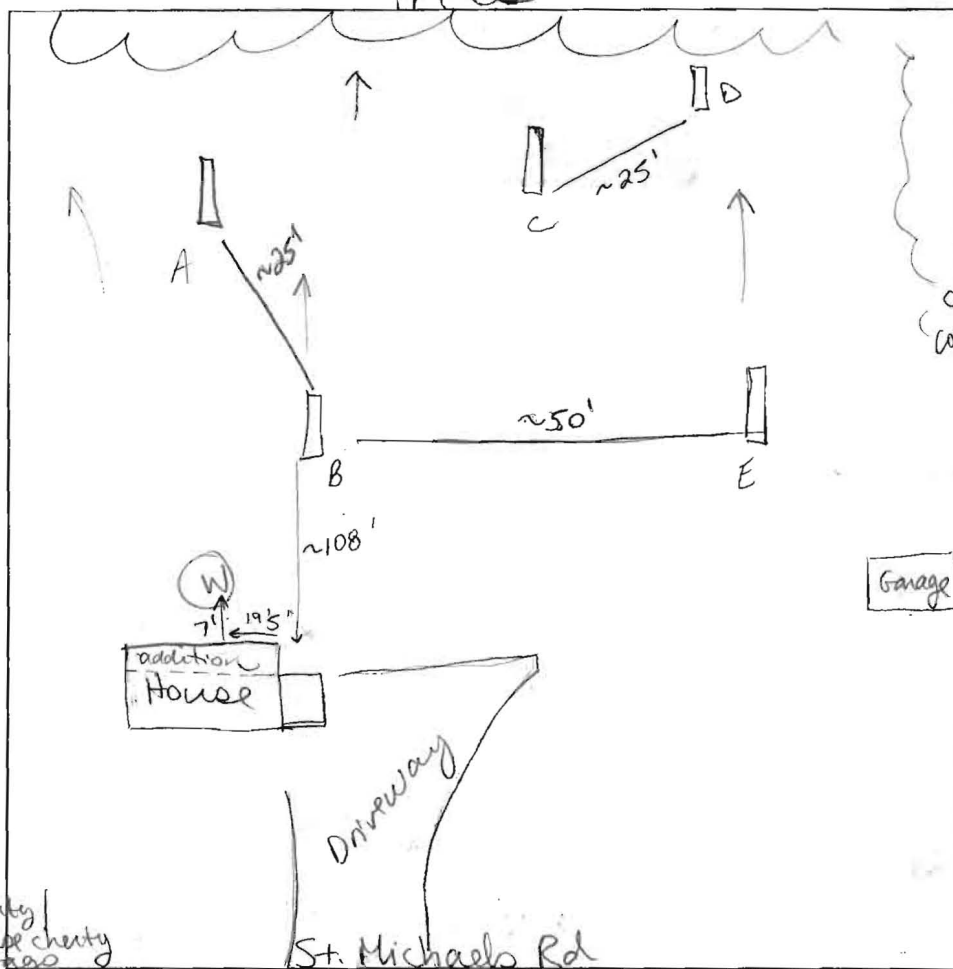
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND / SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

M. Esfanaaji / M. Esfanaaji 06/03/05
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

trees



brown L
red brown
sil sbk
hsil
yellow brown
sil
gr/sbk
pl
12'

A
brown L
red brown
sil sbk/gr
pl
red brown
hsil gr
45% micaceous
pl
sil gr
12'3"

B
brown L
red brown
sil sbk
red brown
sil gr
pl
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/11/05	E	4'9" / 6'7" / 13'	9:25 / 11:17	9:44 / 11:20	10:20 / 11:23	36 / 3	P
	D	4'5" / 12'	9:42	9:50	10:06	16	P
	C	6' / 12'	10:07	10:11	10:17	6	P
	B	6' / 12'	11:00	11:01	11:03	2	P
	A	6' / 12'3"	10:35	10:44	11:01	17	P

REMARKS Holes field located

SANITARIAN SF

BACKHOE owner dug

OTHERS Mash + Mary Esfandi

TEST HOLES USED IN SDA

AVG. PERC TIME 8.8 SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

E
brown L
brown
hsil pl
gr/sbk
sil
gr/sbk
pl
13'

D
brown L
brown
hsil pl
sbk/gr
brown
sil gr
sbk pl
12'

cherty / coarse cherty
frag
+35-40%

+35-40%
cherty / coarse cherty

6"

5'

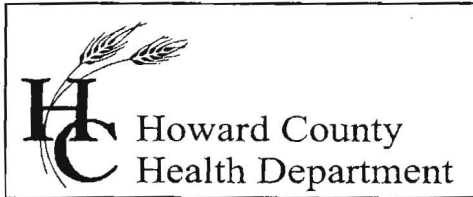
4'

40-45%

chert

coarse chert

str



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

July 12, 2005

Mashhood and Mary Esfanaji
1050 Saint Michaels Rd.
Mount Airy, MD 21771

RE: PERCOLATION TEST RESULTS – A522507
Tax Map 7, Parcel 27
1050 St. Michaels Rd.

Dear Mr. and Mrs. Esfanaji:

Percolation testing conducted July 11, 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) Proposed house, well and septic system
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 5) A note indicating that depicted topography reflects field-matched information
- 6) A health officer signature block stating "approved for private water and private sewer systems"
- 7) A MDE sewage disposal area statement is required
- 8) MDE minimum lot width statement

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

Sincerely,

Sara Fegel
Water and Septic Program
Development Coordination Section

SF
Enclosures
Cc: File

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 15%-24.9% SLOPES
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 SqFt. ALTERNATE WELL SITE

SOILS LEGEND

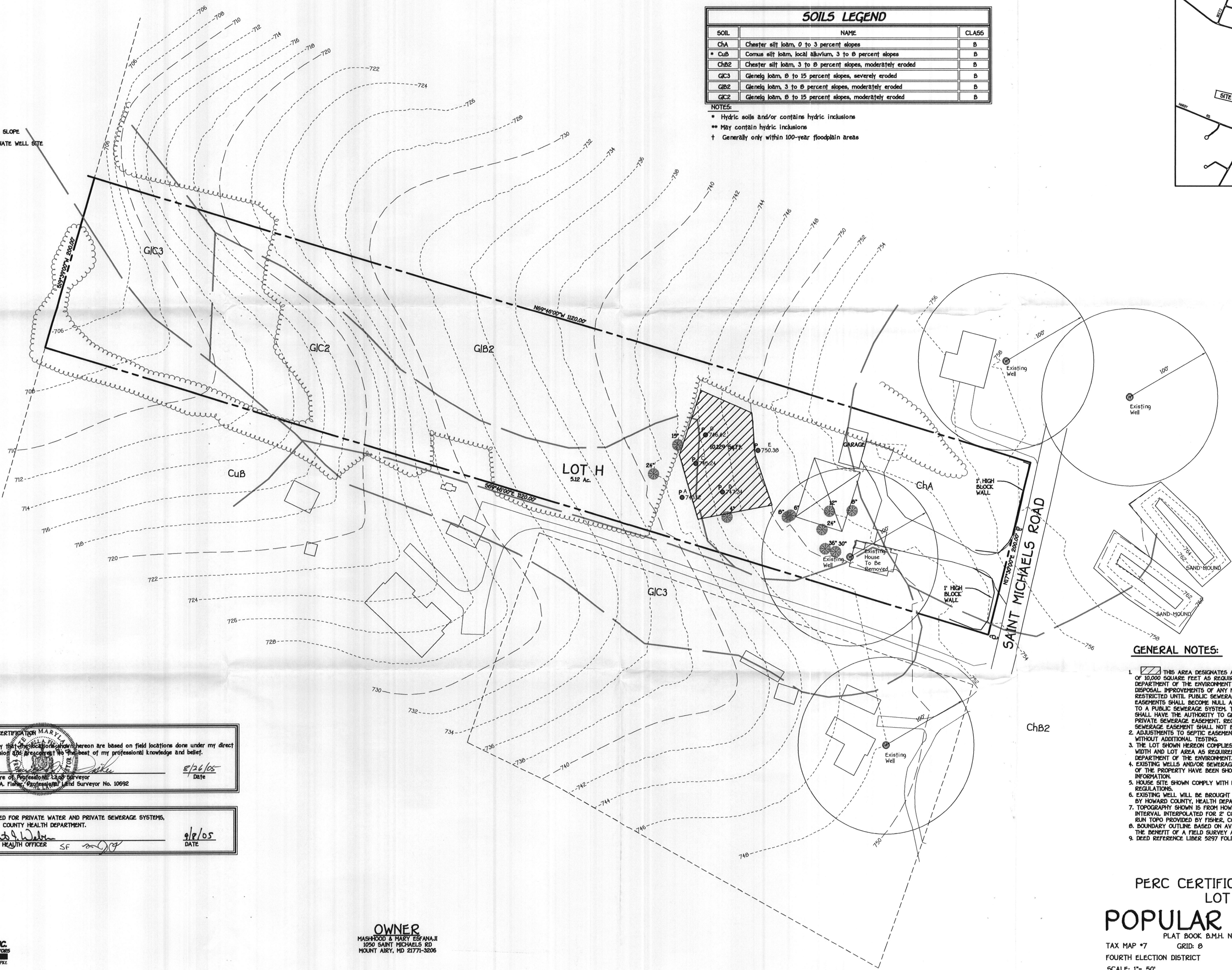
SOIL	NAME	CLASS
ChA	Chester silt loam, 0 to 3 percent slopes	B
* CuB	Cornus silt loam, local alluvium, 3 to 8 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
GIC3	Glenelg loam, 8 to 15 percent slopes, severely eroded	B
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B

NOTES:

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



VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 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. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- HOUSE SITE SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- EXISTING WELL WILL BE BROUGHT UP TO EXISTING CODE FOR APPROVAL BY HOWARD COUNTY, HEALTH DEPARTMENT.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL AND BLENDED WITH FIELD RUN TOPO PROVIDED BY FISHER, COLLINS & CARTER, INC. ON 8/15/05.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- DEED REFERENCE LIBER 5297 FOLIO 309

PERC CERTIFICATION PLAT LOT H POPULAR HEIGHTS

PLAT BOOK B.M.H. NO. 3, FOLIO 26

TAX MAP *7 GRID: 8 PARCEL: 27
FOURTH ELECTION DISTRICT
SCALE: 1" = 50' HOWARD COUNTY, MARYLAND
DATE: AUGUST 29, 2005

PERC CERTIFICATION
I certify that the locations shown hereon are 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
Terrell A. Fisher, Professional Land Surveyor No. 10692
8/24/05
Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Signature of County Health Officer
COUNTY HEALTH OFFICER
8/8/05
DATE

OWNER
MASHOOD & MARY ESFANAJI
1050 SAINT MICHAELS RD
MOUNT AIRY, MD 21771-3206