



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

APP 520074-A

AGENCY REVIEW: _____

DATE 2/27/2004

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) IRA & HELEN AYERS

DAYTIME PHONE 410-418-8900 CELL _____ FAX _____

MAILING ADDRESS 90 Forty West Builders 3230 Bethany Lane E.L. MO 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Patrick Costello / Forty West Builders, Inc

DAYTIME PHONE 410-418-8900 CELL _____ FAX 410-203-9984

MAILING ADDRESS 3230 BETHANY LANE ELLICOTT CITY MO 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME WOODSTOCK ROAD / AYERS PROPERTY LOT NO. 1st Parcel

PROPERTY ADDRESS 1676 WOODSTOCK ROAD WOODSTOCK 21163
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 10 GRID 18 PARCEL(S) Parcel 50 PROPOSED LOT SIZE 1.02 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.

Patrick Costello
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

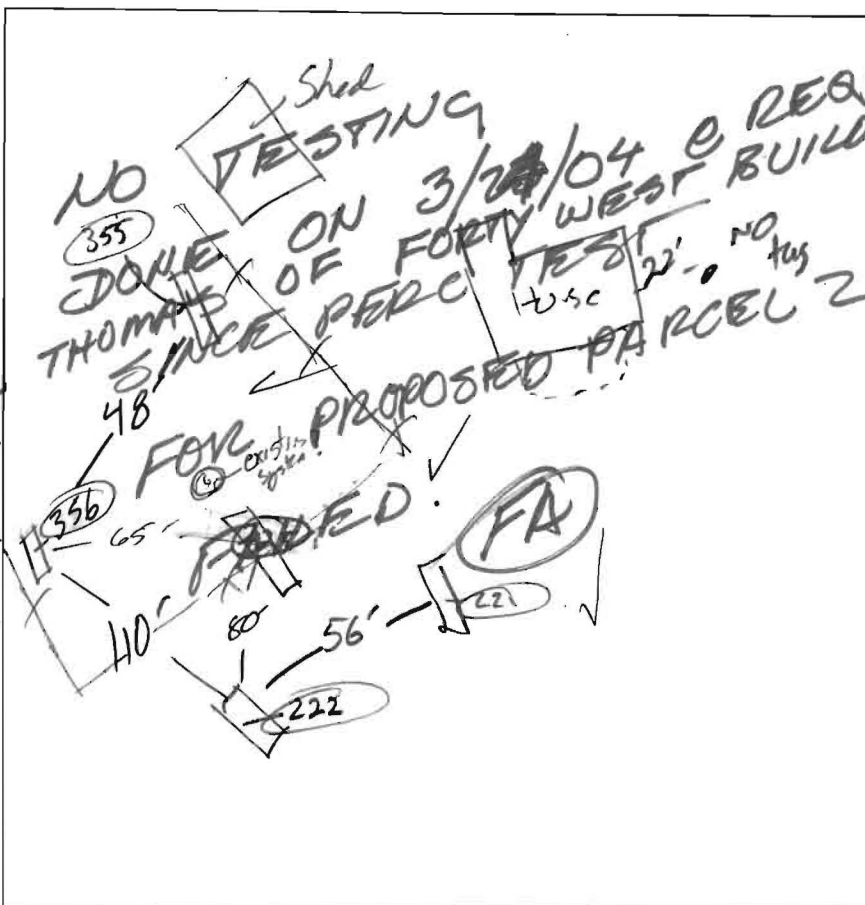
Parcel 2

AP

221
Brown L 1'
Brown/Red micaceous Sol 4'
Brown/Yellow Red micaceous SI 9 1/2'
Gray/White Yellow/Brown S w/ 10% Rock 12 1/2'

222
Brown L 1'
Red/Orange micaceous Sol 4 1/2'
Brown/Red micaceous SI 8 1/2'
White/Gray Brown S w/ 10% Rock 13'

356
Brown L 1'
Red/Orange micaceous Sol 4'
Brown/Red Yellow micaceous SI 9'
Yellow/Brown S w/ 10% Rock 12'

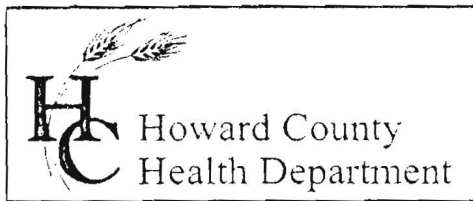


355
Brown L 1'
Red/Brown micaceous Sol 4'
Gray/Brown Red micaceous SI 7'
Gray/Brown S w/ 5% Rock 11'

225
Brown L 1'
Red/Brown micaceous Sol 4 1/2'
Yellow/Brown micaceous SI 8'
Gray/Yellow S w/ 20% Qtz 11 1/4'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	PIF/H
7/6/04	221	5' 12 1/2"	8:30	8:34	8:38	4 min	P
	222	5 1/2' 13"	8:41	8:43	8:45	2 min	P
	356	5 1/2' 12"	8:50	8:54	8:57	3 min	P
	355	5' 11"	9:09	9:11	9:13	2 min	P
	225	5' 11 1/2"	9:28	9:30	9:35	5 min	P

REMARKS
SANITARIAN KJB BACKHOE Ricky OTHERS Lee, Pat
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

March 25, 2004

Mr. Ira L. Ayers
3913 Blue River Ct
Ellicott City, MD 21042

REF: Ayres property
@ 1676 Woodstock Road, Woodstock, MD 21042

Dear Mr. Ayers:

Percolation testing on the above property yesterday, March 24, did not result in providing an acceptable 10,000 sq-ft septic easement for the proposed 2nd parcel in the planned subdivision. Only excavations 226 and 228 were able to provide an acceptable percolation rate with adequate soil buffer to bedrock.

With the possibility of moving the BG & E electrical easement next to the property line and pronounced swale, two additional excavations were made (231 and 232). However, excavation 232 failed because of shallow rock at 3 ½ feet and could not be tested. It is unlikely that any further testing to the west, north-west of excavation 229 will result in any satisfactory results since it encroaches closer to the ridge on this property.

Mr. John Thomas, with Forty West Builders, decided it would not be necessary to perc test the proposed lot 1 septic easement with the failure of the 2nd parcel. Therefore, a written request must be made to our office requesting a refund on the percolation test fee for this lot. Please direct any correspondence to our office for a refund to the attention of Ms Mary Lou Briggs with the receipt number 520074-A.

Sincerely,

Frank Alfonso, RS

FA/fa

Enclosure

Cc

Forty West Builders
File

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

PROPOSED PERCOLATION TEST SITE:

(PASSED) PERCOLATION TEST SITE:

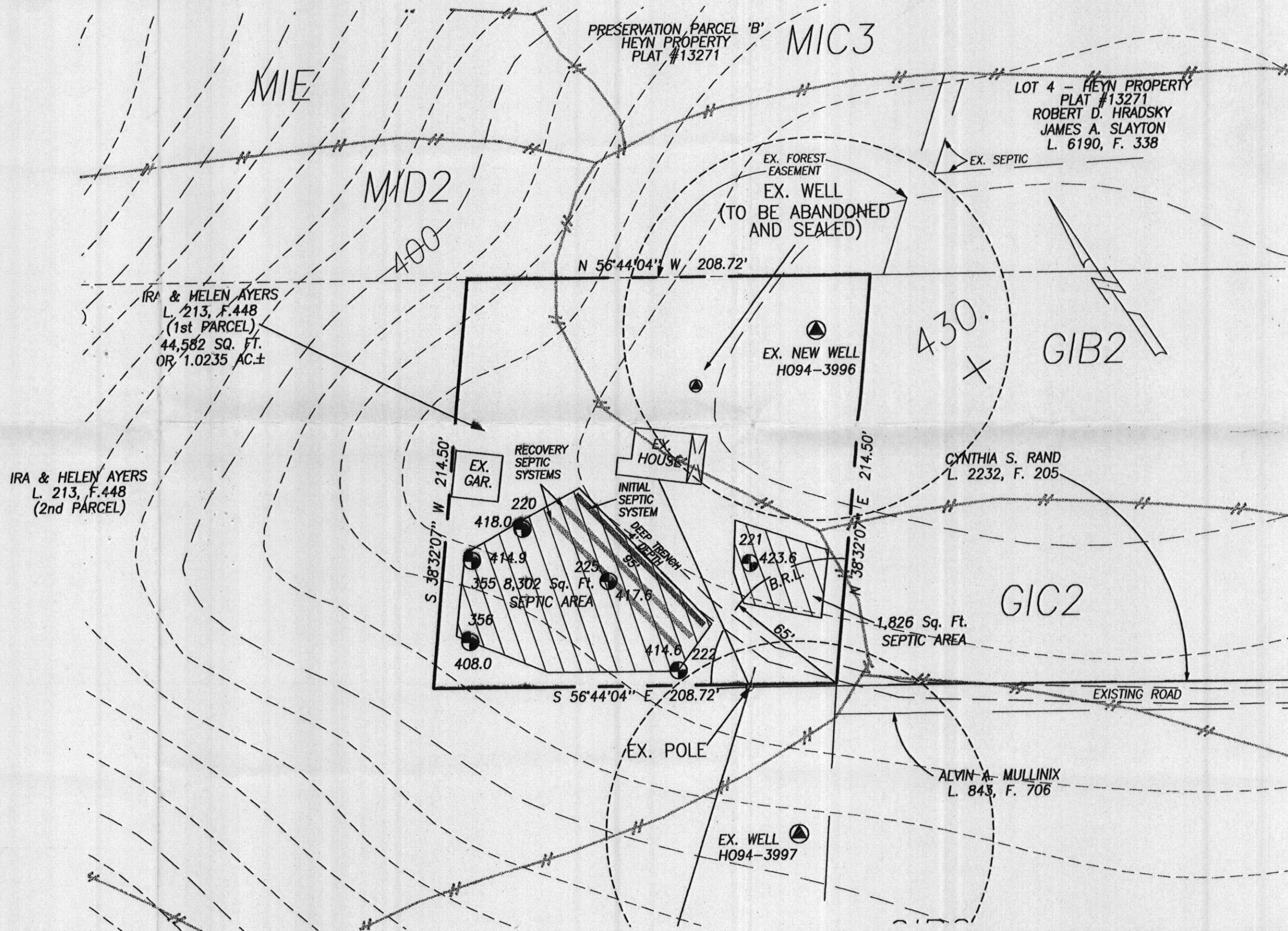
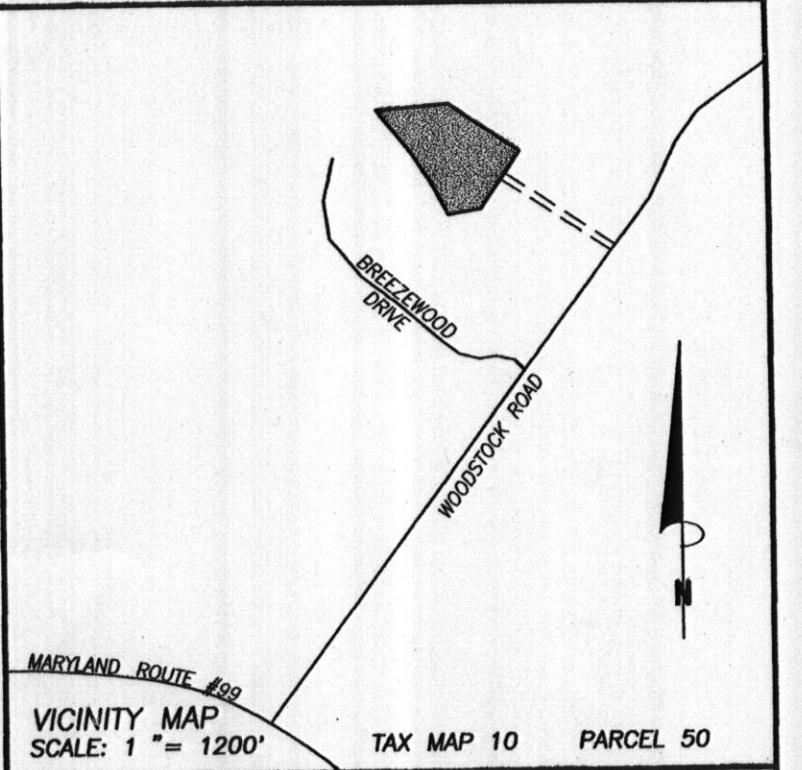
(FAILED) PERCOLATION TEST SITE:

EXISTING WELL:

PROPOSED HOUSE SITE:

PROPOSED WELL SITE:

25% OR GREATER SLOPES:



GENERAL NOTES:

- OWNERS: IRA L. & HELEN L. AYERS
DEED REFERENCE: LIBER 213, FOLIO 448
DATE: NOVEMBER 16, 1949
GRANTOR: THEODORE C. & MARIE H. MATTHEISS
- TAX MAP: 10; GRID: 18; PARCEL: 50
- NEAREST POTABLE WATER SUPPLY: ELLICOTT CITY
DISTANCE: 6.0 MILES
- THERE IS NO FLOOD HAZARD (100 YEAR FLOODPLAIN LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 240044 0010B.
- TOPOGRAPHY: HOWARD COUNTY DATUM
CONTOUR INTERVALS ARE AT 5 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS SHOWN HEREON.
- SOIL TYPES: B₀ (BAILE SILT LOAM), GIB2, GIC2 (GLENELG), MIC3, MID2, MIE (MANOR)
- SOIL MAP NO.: 09
- EXISTING ZONING: RC-DEO
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.

APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

Robert J. Weber 10/27/04
HOWARD COUNTY HEALTH OFFICER DATE

OWNERS:
IRA L. & HELEN L. AYERS
c/o FORTY WEST BUILDERS, INC.
3230 BETHANY LANE
ELLICOTT CITY, MARYLAND 21042
(410) 203-9980

I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED IF EXISTING AND ACCURATELY STAKED IF PROPOSED AND SHOWN HEREON.

Sourabh G. Munshi 10/19/04
SOURABH G. MUNSHI, PROF. L.S., MD. REG. # 10770 DATE

DATE	REVISIONS
10/6/04	Septic Trenches
10/19/04	Added 1,826 s.f. septic area



PERCOLATION CERTIFICATION PLAT
IRA & HELEN AYERS PROPERTY
1st PARCEL
LIBER 213 FOLIO 448

SITUATED ON WOODSTOCK ROAD
ELECTION DISTRICT No. 3
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' SEPTEMBER, 2004



VANMAR
ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 528 Mount Airy, Maryland 21771
(301) 829 2890 (301) 831 5015 (410) 549 2751

File name: T:\EP\JOBS\A3-4762\A34762\PERCLAT

JOB #A3-4762