



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 9/25/2003 TEST TIME _____

AP 517655

AGENCY REVIEW: _____

DATE 11/10/2003

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) Andrew + Amber Driesman

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 2339 DANIELS ROAD, ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

APPLICANT Ellen James First Additions Inc

DAYTIME PHONE 410-381-7883 CELL _____ FAX 410-442-1271

MAILING ADDRESS 1818 Daisy Rd Woodbine MD 21792
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 2339 DANIELS ROAD LOT NO. 3

PROPERTY ADDRESS 2339 DANIELS ROAD
STREET TOWN/POST OFFICE

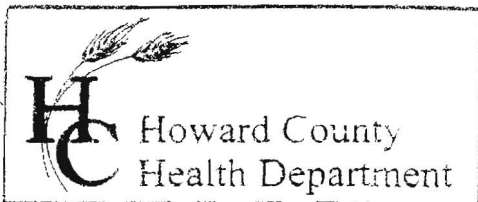
TAX MAP PAGE(S) 18 GRID 7 PARCEL(S) 8 PROPOSED LOT SIZE _____

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



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

September 23, 2003

Andrew & Amber Dreisman
2339 Daniels Road
Ellicott City, MD 21043

RE: Percolation Test Results – No A #
2339 Daniels Road, Tax Map 18, Parcel 8
Proposed 1BR Addition to Existing 3BR House
B00143518

Dear Mr. & Mrs. Dreisman:

Percolation testing conducted September 25, 2003 on the referenced property indicated unsatisfactory soil conditions in the rear of the property; the primary limiting factor is shallow fractured bedrock. These conditions also preclude sand-lined trenches due to an inadequate treatment zone. At the front of the lot, satisfactory soils were encountered. Copies of the test results are enclosed.

Further review is contingent upon submittal of a \$25 percolation test fee, as well as submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with suitable topography
- 2) a proposed sewage reserve area in the front of the property
- 3) the existing house, septic system and well, and the proposed addition
- 4) due to the extremely limited nature of the potential reserve area, show two systems within the reserve area for the proposed number of bedrooms, selecting either 1) 3 BR with two systems of 110' trench each, or 2) 4 BR with two systems of 150' trench each, with trenches on grade no more than ten feet apart
- 5) a note certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) a note certifying that the existing septic system will be properly abandoned and the new septic system installed within 60 days of issuance of Building Permit B00143518

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) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: First Additions, Inc.
Fred Ward Assoc.
File

LEGEND

- EXISTING 5 FOOT CONTOUR 710
- EXISTING 25 FOOT CONTOUR 700
- PASSED PERCOLATION TEST HOLE
- FAILED PERCOLATION TEST HOLE
- PROPOSED INDIVIDUAL SEPTIC AREA (2,800 SqFt±)

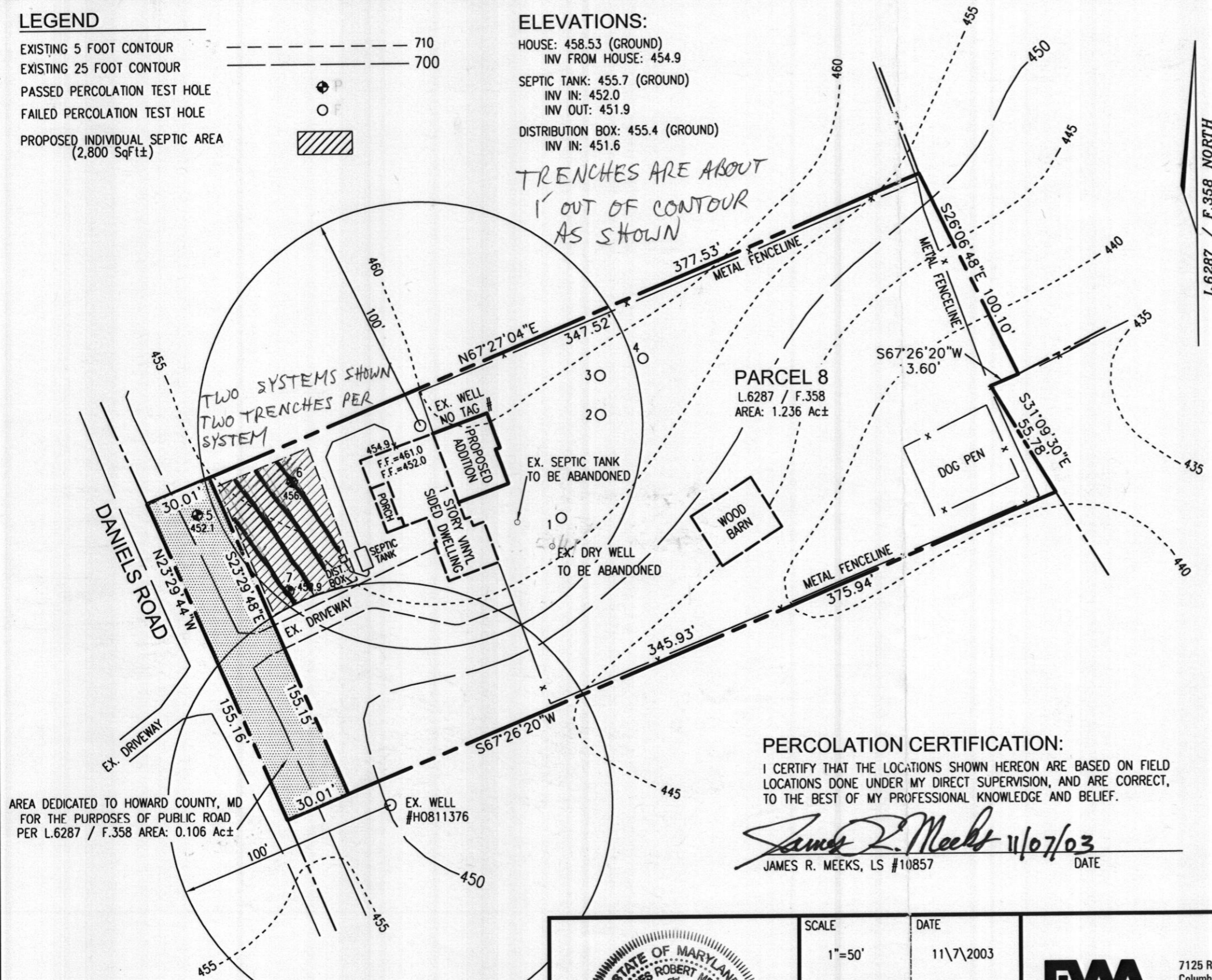
ELEVATIONS:

- HOUSE: 458.53 (GROUND)
INV FROM HOUSE: 454.9
- SEPTIC TANK: 455.7 (GROUND)
INV IN: 452.0
INV OUT: 451.9
- DISTRIBUTION BOX: 455.4 (GROUND)
INV IN: 451.6

TRENCHES ARE ABOUT
1' OUT OF CONTOUR
AS SHOWN

GENERAL NOTES:

1. THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY SUPPLIED DIGITAL TOPOGRAPHY
2. THE PROPERTY SHOWN HEREON IS BASED ON THE DEED OF RECORD.
3. ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
4. THE EXISTING SEPTIC SYSTEM WILL BE PROPERLY ABANDONED AND THE NEW SEPTIC SYSTEM WILL BE INSTALLED WITHIN 60 DAYS OF ISSUANCE OF BUILDING PERMIT NO. B00143518.
5. THIS PLAT WAS PREPARED WITHOUT THE BENEFIT OF A BOUNDARY SURVEY. IT IS NOT INTENDED TO BE USED TO ESTABLISH PROPERTY LINES.
6. HOUSE IS LIMITED TO 3 BR.

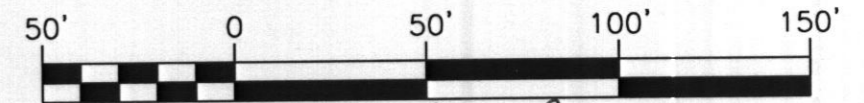


PERCOLATION CERTIFICATION:

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.

James R. Meeks 11/07/03
JAMES R. MEEKS, LS #10857 DATE

THIS AREA DESIGNATES A PRIVATE SEWAGE RESERVE AREA REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE AREAS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE RESERVE AREA.



PC519655



SCALE	DATE
1"=50'	11/7/2003
DRAWN BY	CHECKED BY
M.D.M.	J.R.M.
PLAT NUMBER	FWA JOB NUMBER
N/A	2034105.00

FWA
FREDERICK WARD ASSOCIATES
www.frederickward.com

7125 Riverwood Drivet
Columbia, Maryland 21046-2354
410-720-6900
410-720-6226 fax

REGIONAL OFFICES
Columbia, Maryland and Warrenton, Virginia

ARCHITECTS | ENGINEERS | PLANNERS | SURVEYORS |

PERC CERTIFICATION PLAT
2339 DANIELS ROAD
LIBER 6287 / FOLIO 358
TAX MAP No. 18 BLK: 7 PARCEL No. 8
ZONED: R20

2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

Penny Borenstein M.D. 11/7/03
COUNTY HEALTH OFFICER MR DATE