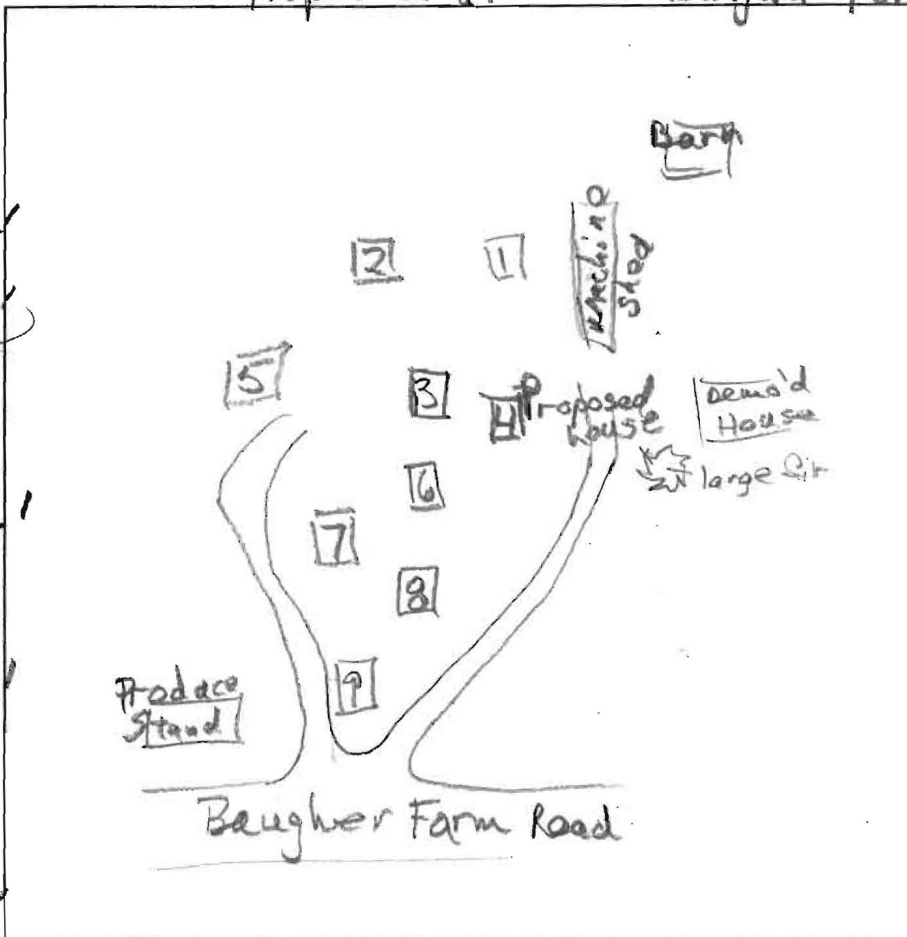


new construction Proposed at 4775 Baugher Farm Road

A/P

8  
dk grey brnsl 0.9  
brn grscl 2.5  
yel-red sl dense 3.6  
yel-brn sl w/pockets pale yellow 15 9.5  
pale brn w/pale yellow & grey c3d 10.5

9  
dk grey brnsl 0.7  
yel-brn sl 10% gravel 1.5  
brn grscl 3'  
yel-red sl 4'  
yel-brn sl 9'  
pale brnsl w/22 grey  
yel brn clay mtd grey 9.5



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/29/10	8	5' 9.5'	2:35	2:35:40	2:37	1.3	repair
4/29/10	8	5' 9.5'	2:38	2:39:30	2:41	1.5	repair
4/29/10	8	5' 9.5'	2:42	2:43:10	2:45:20	2.2	P
4/29/10	9	5' 9'	3:18	3:19:30	3:21:30	2	P

REMARKS Trench Bottom move shallow; 5.5' @ #8, 5' @ #9  
 SANITARIAN RB BACKHOE Otis Ketterman OTHERS Jim Hobson  
 TEST HOLES USED IN SDA 7, 8, 9 AVG. PERC TIME 2min SQ. FT/BR 125  
 TRENCH WIDTH 2 MAX. BOT DEPTH See EFFECTIVE SW 2  
 Linear feet = 110 (101')  
 Remarks



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

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Peter L. Beilenson, M.D., M.P.H., Health Officer

May 3, 2010

TO: Jim Hobson, applicant

FROM: Robert Bricker, CPSS, RS/REHS  
Environmental Sanitarian Supervisor

RE: 4775 Baugher Farm Road, Percolation Test Results, A533208


Dear Mr. Hobson,

Percolation testing was conducted on the referenced property on April 29, 2010. Nine soil profiles were observed and standard percolation test were conducted at 7 of the test locations. (The remaining two locations, 2 and 4, were 'Failed' due to unsatisfactory characteristics indicated by soil morphology.) Percolation Test Results and profile observations indicate soils conditions that are both satisfactory (5 'Pass'; 3,5,7,8 and 9) and unsatisfactory (1 and 6 'Fail', too slow) for onsite wastewater disposal. Field data collected are shown on the Percolation Test Results Worksheet. Recommendations for the type of septic system and the distribution design are based on observed soils properties and characteristics at the respective test locations as well as the particular soils materials tested.

As the subject property was created prior to March 1972, the area to be defined as a septic reserve must be large enough to accommodate three septic distribution systems (Howard County Code, 3.805.A.2.X) based on the characteristics of the location. The soils most suited for wastewater disposal are represented by test locations 7, 8 and 9. Subsequently, this land area should be designated as the septic reserve. The land area is immediately southeast of the produce market at the front of the subject property, and will accommodate at least three drainfields capable of absorbing the estimated wastewater discharge of a 3-bedroom single-family dwelling. A sketch has been provided, showing the approximate dimensions of the septic reserve.

The proposed new residence on the property will be served by public water. Any subsequent permits or applications requiring Health Department review and approval may be considered after the Approving Authority signs the Percolation Certification Plan. If you have any questions regarding the soil evaluation, or the procedures stated above, please contact me at the above address or by calling (410) 313-2691.

Respectfully,

  
Robert Bricker, CPSS, RS/REHS  
Well and Septic Program  
Development Coordination Section

Enclosure 2 (2-page perc test results, sketch)  
Copy: File



Howard County  
Health Department

# APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

#506.00 Plank

TEST DATE(S) April 29, 2010 TEST TIME 9:30 am APP 5 33208  
AGENCY REVIEW: Robert Brieker, CPSS, RS/REHS DATE 4/22/2010

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) JOAN Baugher  
DAYTIME PHONE 410 465-3146 CELL 443-996-7056 FAX \_\_\_\_\_  
MAILING ADDRESS 4767 Montgomery Rd. Ellicott City Md 21043  
STREET CITY/TOWN STATE ZIP

APPLICANT JAMES Hobson  
DAYTIME PHONE 410 313-3966 CELL 443-980-8807 FAX 410-313-3298  
MAILING ADDRESS 8405 JENN Nicole Ct. Ellicott City, Md 21043  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 4775 Baugher Farm Rd. LOT NO. Parcel 800  
PROPERTY ADDRESS 4775 Baugher Farm Rd. Ellicott City, Md. 21043  
STREET TOWN/POST OFFICE

AX MAP PAGE(S) 31 GRID 7 PARCEL(S) 800 PROPOSED LOT SIZE 1.2 AC

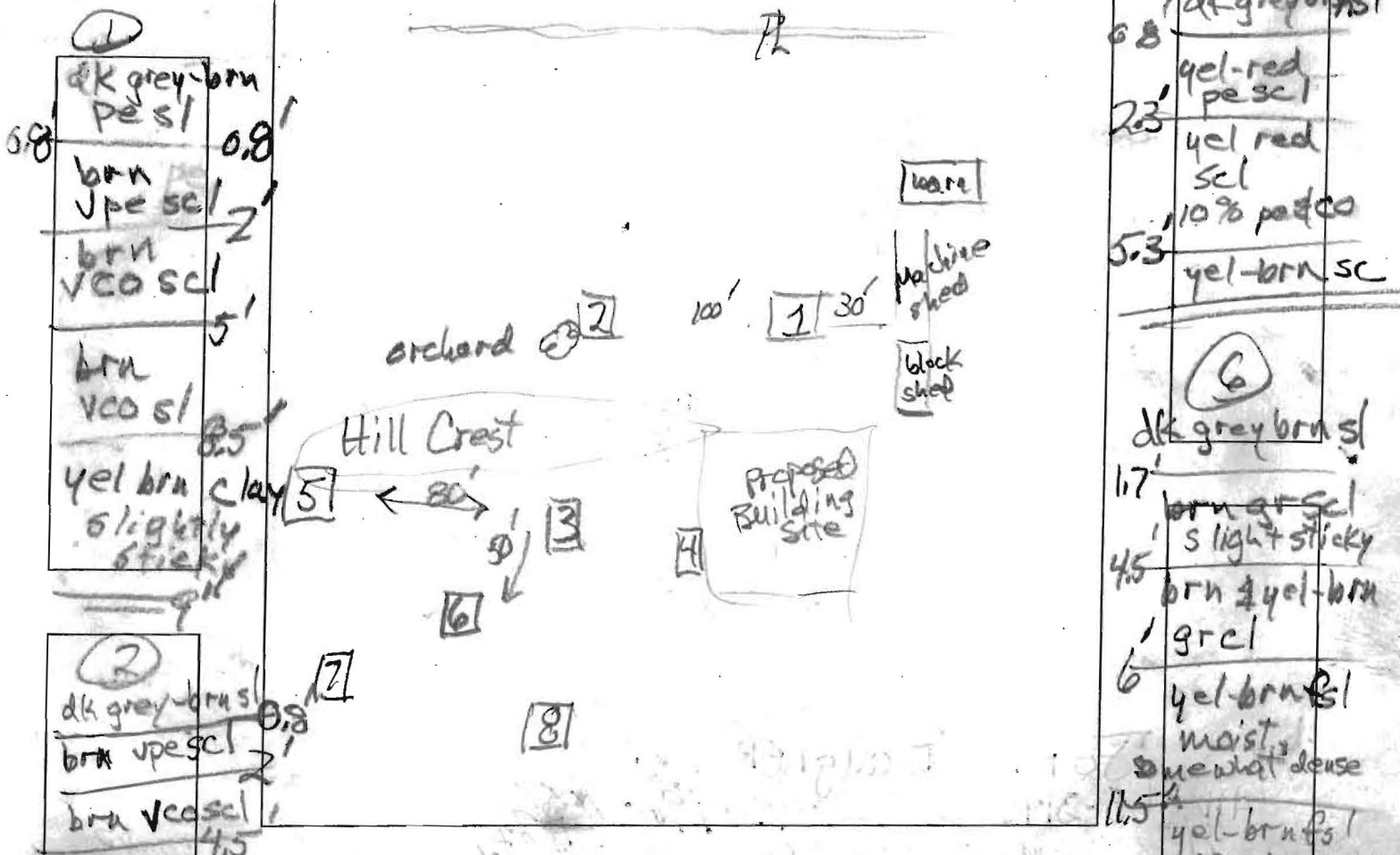
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCOMPLISHED BY THE APPLICANT AND IS NOT TO BE USED FOR ANY OTHER PURPOSES. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A PAYABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H. AND "ISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

*James Hobson*

RECEIVED  
HOWARD COUNTY HEALTH DEPT  
APR 28 PM 5:05

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/29/10	1	4.6' / 6.5'	10:35	10:50	no movement		F
4/29/10	3	22' / 25'	11:22	11:25	11:31	6	P
4/29/10	5	22' / 7'	12:18	12:38	1:07	29	P
4/29/10	6	6.8' / 12.5'	1:21	1:50	2:25	3.5	F
4/29/10	7	7' / 11'	2:01	2:02	2:05	3	P
4/29/10	2	expansive clays throughout top 4'; sandy clay at 8'					F
4/29/10	4	expansive clay through upper 5.5'; sandy clay at 5.5'					F

REMARKS

De = pebbles, co = cobbles

SANITARIAN

RB

BACKHOE

Chris

OTHERS

J. m Hobson Joan Baugher

TEST HOLES USED IN SDA

7, 8 &amp; 9

AVG. PERC TIME

25 min SQ. FT/BR 125

TRENCH WIDTH

3

INLET DEPTH

3

MAX. BOT DEPTH

7

EFFECTIVE SW

2

Linear Feet

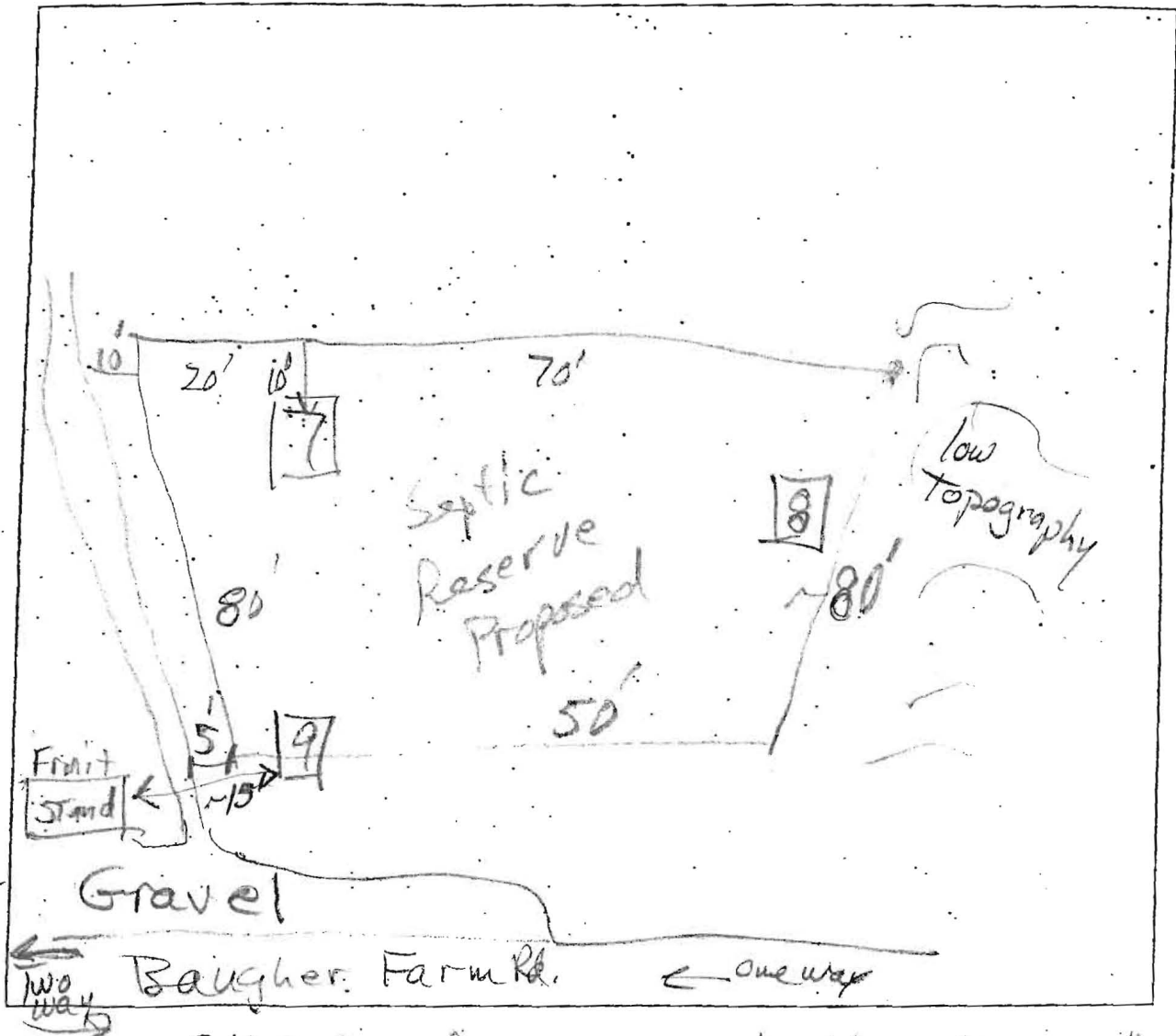
= 80 (77.5)



SITE INSPECTION SHEET

OWNER: Joan Baugher PHONE #: \_\_\_\_\_  
ADDRESS: 4775 Baugher Farm Rd CONTRACTOR: \_\_\_\_\_  
WELL TAG #: public water  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: \_\_\_\_\_  
PROPOSAL: 3 Bedroom SFD; LTIR = 1.2 g/cf<sup>2</sup>/d  
(2 Bedroom planned)

LOCATION DIAGRAM



COMMENTS: Sketch shows approximate dimensions  
a area approvable as septic reserve, and  
the spatial relationship of passing parcels to  
the 'fruit' stand.



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Peter L. Beilenson, M.D., M.P.H., Health Officer

3/24/2010

TO: Kent Sheubrooks, Acting Chief  
Division of Land Development

FROM: Robert Bricker, R.S.  
Environmental Sanitarian  
Well and Septic Program

RE: File Number: WP-10-078  
Title: *Baughers Farm*

The Health Department does not oppose the creation of a Forest Conservation Easement (FCE) on the Baughers Farm property. However, prior to Health Department approval of a Record Plat defining the boundaries of an FCE, percolation testing must be conducted and the Percolation Certification Plan must be signed by the Approving Authority.

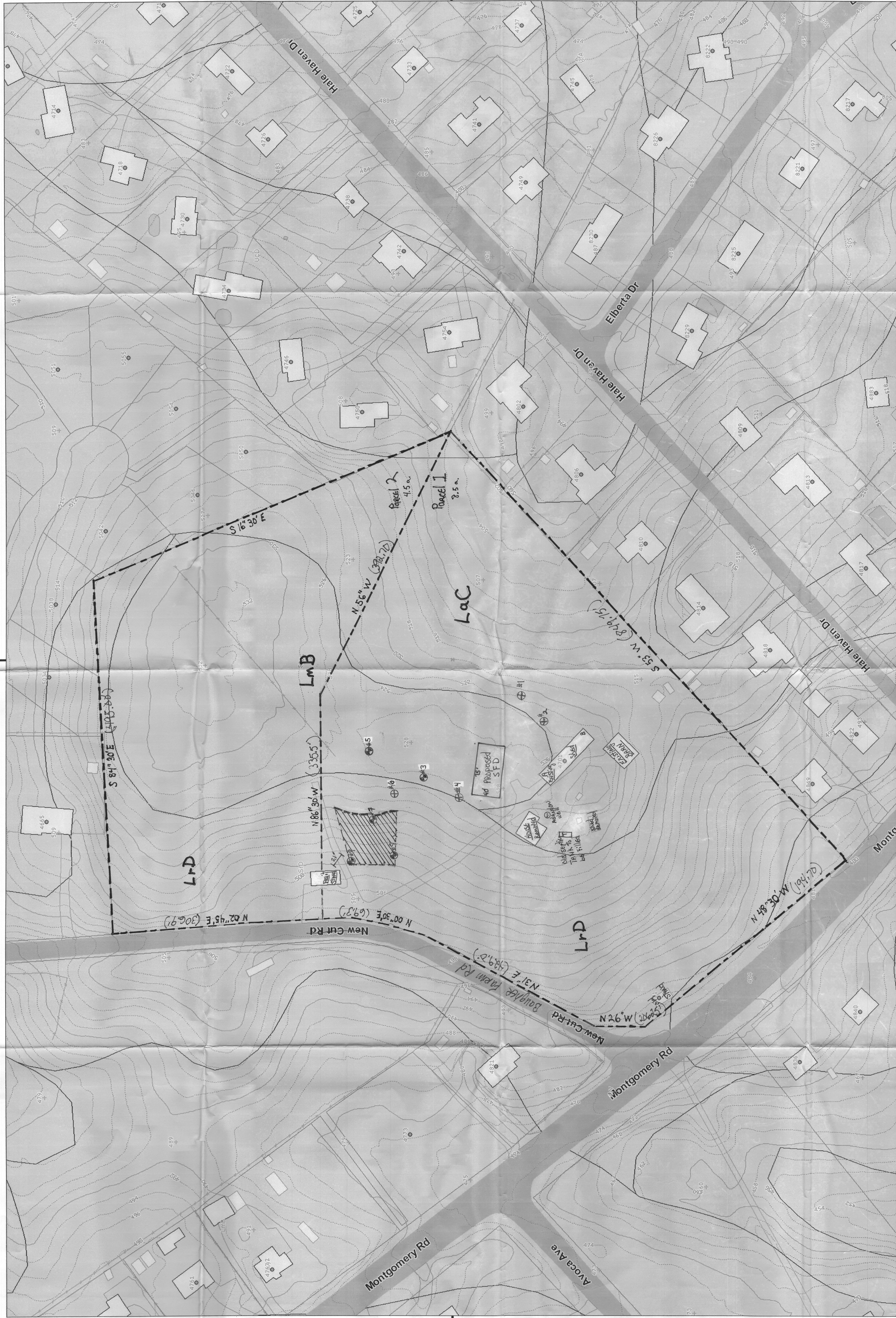
RB  
Copy: file

Health Dept. does not  
oppose creation of FCE  
however recommend that  
a septic reserve area is  
defined prior to recordation  
of FCE.

Area of disturbance <sup>indicated</sup>  $\neq$   
does not include area  
in which septic system  
will be installed

Perc  
Test  
required  
@ Perc Cert





SIGNATURE Michael J. ... DATE 5/10/2010

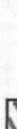
By: \_\_\_\_\_  
Office: \_\_\_\_\_  
Map Width: 1,820.00 ft.  
Print Date: 4/13/2010  
Scale: 1 in. = ~~50'~~





By: \_\_\_\_\_  
Office: \_\_\_\_\_  
Map Width: 1,820.00 ft.  
Print Date: 4/13/2010  
Scale: 1 in. = ~~50'~~

-76^47'56"

 This area designates a private sewage area of at least enough area to accommodate an initial and two replacement systems as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available. These areas 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 sewage area. Recordation of a modified sewage area shall not be necessary.

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE

DATE 01/02/25

SIGNATURE *[Signature]*

**Percolation Certification Plan  
4775 BAUGHER FARM ROAD**

**NOTES**

1. Topography shown is at two-foot contour intervals and is verified to accurately represent landscape characteristics of the subject property and immediate adjacent area.

2. Any changes to a private sewage line shall require a revised pre-certification plan.

4. There are no known existing wells, septic systems, and sewage disposal areas within 100' of the property and or within 200' downgradient of the proposed septic systems and sewage disposal area.

5. The purpose of this Percolation Certification Plan is to designate area as a septic reserve to serve a proposed new Percolation for the current owner.

Tax MAP 31  
Parcel 800

OWNER: JOAN BAUGHER  
4767 MONTGOMERY ROAD  
ELLICOTT CITY, MD 21043

DRAWN BY: JIM HOBSON  
MAY 4, 2010

Tax MAP 31  
Parcel 800

DRAWN BY: JIM HOBSON  
MAY 4, 2010