

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 545133

AGENCY REVIEW: \_\_\_\_\_

DATE 8-27-13

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)

Email - N98RD@AOL.COM

PROPERTY OWNER(S) Jeffery L. Hobbs

DAYTIME PHONE 301-641-0765 CELL Same FAX \_\_\_\_\_

MAILING ADDRESS PO Box 256 Fulton, Md. 20759  
STREET CITY/TOWN STATE ZIP

APPLICANT Robert A. Daffer n98rd@aol.com

DAYTIME PHONE 410-792-0666 CELL 443-831-6201 FAX \_\_\_\_\_

MAILING ADDRESS PO Box 569 Fulton Md. 20759  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Beaufort Park Section 4 Area 2 "C" LOT NO. 12

PROPERTY ADDRESS \_\_\_\_\_  
STREET TOWN/POST OFFICE

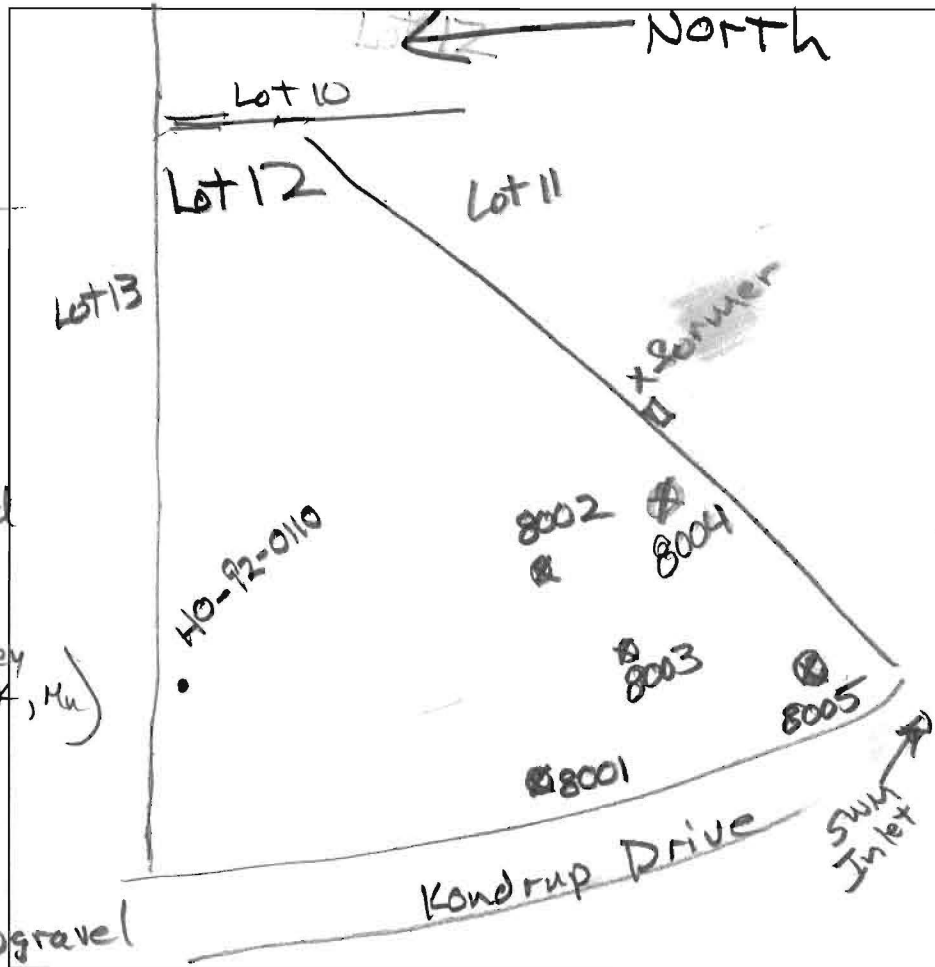
TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE 40,182

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.

Robert A. Daffer  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 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
9/24/13	8005	14'	Visual;		2'-10' OK 1.2 gpa/gt <sup>2</sup>		P
9/24/13	8001	6' 14"	10:15	10:30 <sup>+</sup>	1/4"	reshelf	
9/24/13	8003	4.5' 14"	10:35	10:37	10:41	4	P
9/24/13	8002	6.5' 14"	12:22	12:25	12:29	4	P
	reshelf 8001	2' 14"	11:34	11:36	11:40	4	P
9/24/13	8004	14'	Visual;		2'-10' 1.2 gpa/gt <sup>2</sup>		P

REMARKS: #8001, 'Fill' to 5'; #8002, Fill to 4.5'; #8003, Fill to 3'

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 4 SQ. FT/BR 125

TRENCH WIDTH 2 INLET DEPTH 2 to 5 MAX. BOT DEPTH 8 EFFECTIVE SW 3 to 6 max.

8005  
dk brn sl  
3' fg & fslbk  
brn sl  
2' fslbk  
yell brn  
chls  
many mica  
red & yellow  
ls, 3 vpl  
micaceous  
(m2 p (dk grey  
blk, Mu)

8003  
dk brn sl  
3' fg  
brn fsl, few gravel  
2 mpl & 2 fslbk  
red st sl  
common mica  
brn fsl  
com. mica  
brn ls  
many mica  
red chls  
many mica  
brn chls  
many mica

8002  
dk brn sl  
yell-red ls  
many mica, platy  
yell-red ls, many mica  
brn fsl, dense  
few stones, variable  
types, varying orientation  
brn & red ls  
many mica  
brn & red ls  
micaceous

8001  
dk brn sl  
0.2' 3' fg  
yell-brn sl  
fslbk  
brn, yell-brn  
grey-brn  
st sl, coarse  
plates  
many mica  
yell-red  
brn sl  
common mica  
old (grey)  
brn & grey  
loam, common  
mica  
spotty fslbk  
(m-f) dk grey  
brn loam  
2 mslbk  
common mica  
yell-red sl  
many mica  
1' pm  
yell-red, pm  
chls

8004  
dk brn sl, 2' fg  
brn sl, 3' fslbk  
common mica  
brn fsl  
fslbk, dense  
common mica  
yell-red ls  
micaceous



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

AGENCY REVIEW: \_\_\_\_\_ DATE \_\_\_\_\_

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PROPERTY OWNER(S) Robert A. Daffer r98rd@aol.com

DAYTIME PHONE 410-792-0616 CELL 443-831-6201 FAX \_\_\_\_\_

MAILING ADDRESS PO Box 569 Fulton, Md. 20759  
STREET CITY/TOWN STATE ZIP

APPLICANT Same as above. - owner

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Beaufort Park. Section 4 Area 2 "C" LOT NO. 10

PROPERTY ADDRESS \_\_\_\_\_  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE \_\_\_\_\_

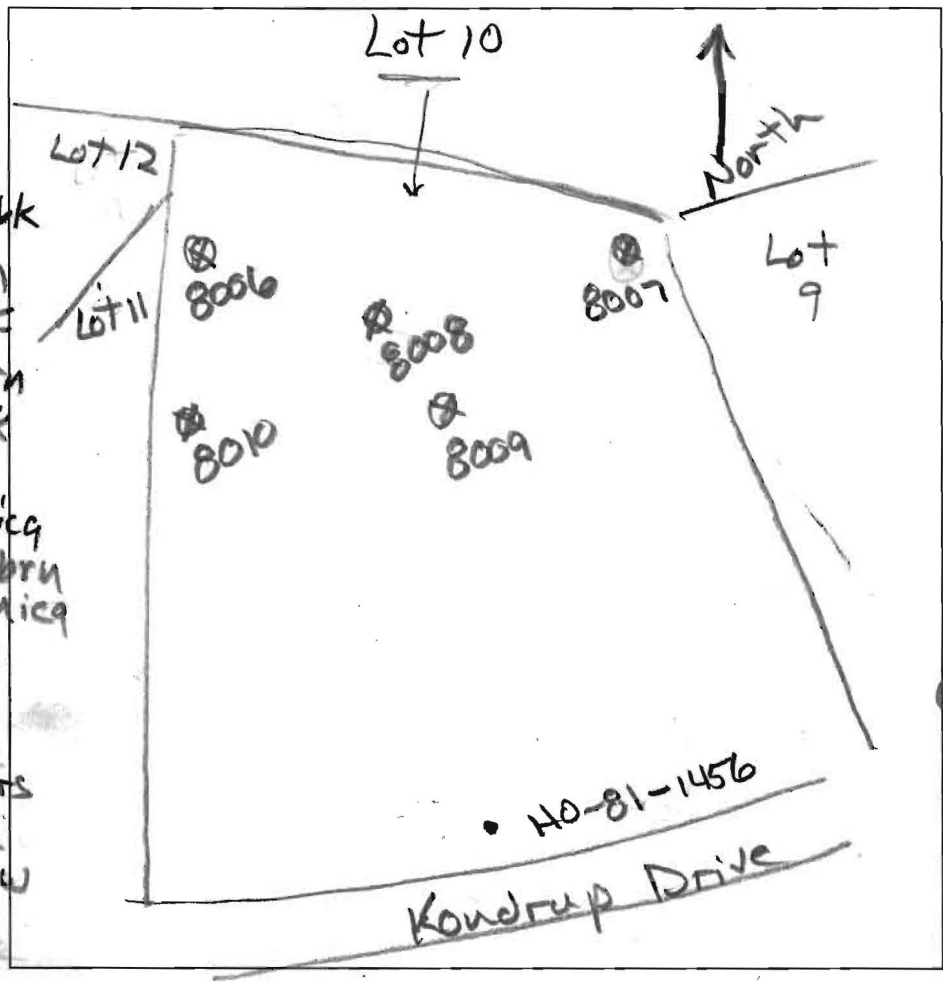
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TEST RESULTS WILL BE MAILED TO APPLICANT. Robert A. Daffer  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AVP  
8009

0.2' grey-brn sl, 2fg  
0.8' brn sl, 1fsbk  
2.3' yel-red & brn Loam, 3msbk  
4' yel-red & brn Loam, 2fsbk  
5' red fs  
5' fm few mica  
7' yel-red & brn sl. many mica few stones  
7' red ls many mica few channers  
12' blk l's  
red & pale yellow mixed in  
13'



8008  
0.9' dk brn sl 1fg  
brn sl, 2fsbk  
3.5' yel-brn sl 2fsbk to 2fsbk  
7' brn & red stl  
red ls many mica  
7.8' pale red ls  
11' dk grey layer  
pale yellow  
12' lfs, common coarse mica

8007  
0.9' dk brn sl  
brn sl  
2.5' brn stl 1msbk  
5' red fs, fm dense  
interlayered yel-red ls  
yel-brn lfs  
8.5' many mica  
yel-brn lfs common mica  
11' dk grey  
vfls

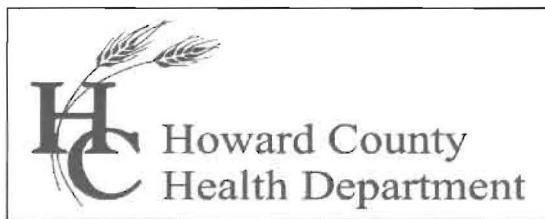
8010

0.8' dk brn sl, 2fg  
1.9' brn grsl, 2fsbk  
3.3' red L, 3fsbk  
4' red L, 2msbk  
4' brn L, 1msbk  
5' red fs, fm many mica  
5' red & brn ls micaceous  
10' blk & yel-brn lfs, interlayered  
12' brn & pale yellow chls, many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/24/13	8009	12'	Visual		5'-8"	1.2 gpd/ft <sup>2</sup>	P
9/24/13	8010	12'	Visual		5'-8"	1.2 gpd/ft <sup>2</sup>	P
9/24/13	8008	6.5' / 11'	2:42	2:45	2:50	5	P
9/24/13	8007	5.5' / 11'	2:43	2:45	2:48	3	P
9/24/13	8006	12'	Visual		4'-8"	1.2 gpd/ft <sup>2</sup>	P

8006  
0.9' dk brn sl 2fg  
brn sl 1fsbk  
0.9' red sl  
3mpl many mica  
2.8' red chls dense, many mica  
4' fm mica  
red chls  
impl many mica  
8.7' pale yellow lfs, common mica  
12'

REMARKS  
SANITARIAN R. Brieker BACKHOE Ronnie Heaps & Kyle OTHERS \_\_\_\_\_  
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 4 SQ. FT/BR 125  
TRENCH WIDTH 3 INLET DEPTH 3 or 4 MAX. BOT DEPTH 7 EFFECTIVE SW 3 or 4 max



**Bureau of Environmental Health**  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
Main: 410-313-6300 | Fax: 410-313-6303  
TDD 410-313-2323 | Toll Free 1-866-313-6300  
[www.hchealth.org](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)  
Twitter: HowardCoHealthDep

**Maura J. Rossman, M.D., Health Officer**

September 25, 2013

To: Robert Daffer, Applicant  
~~robert.daffer@hoco.com~~

RE: Percolation Test Report, Beaufort Park, Lots 10 and 12; A545133

Percolation testing was conducted on the referenced lots on September 24, 2013. The purpose for conducting these percolation tests was to re-establish sewage disposal areas (SDA) on the respective lots. The area of each SDA must be at least 10,000 square feet.

Five pits for soil profile descriptions and percolation tests were dug at staked locations on each lot. Soil conditions observed at all ten location are suitable for wastewater disposal.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The values for the drainfield parameters will be documented during the Percolation Certification Plan process, and then maintained in the Health Department file for the subject property.

A Percolation Certification Plan must now be submitted to the Health Department for signature approval. Additional field review of well or soil conditions may be required at any time during this process. After the Percolation Certification Plan is signed, a proposal for building permit may be reviewed for approval by the Health Department.

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,

A handwritten signature in black ink that reads 'Robert Bricker'.

Robert Bricker, CPSS, REHS/RS  
Environmental Sanitarian II  
Well and Septic Program

Enclosures (1)

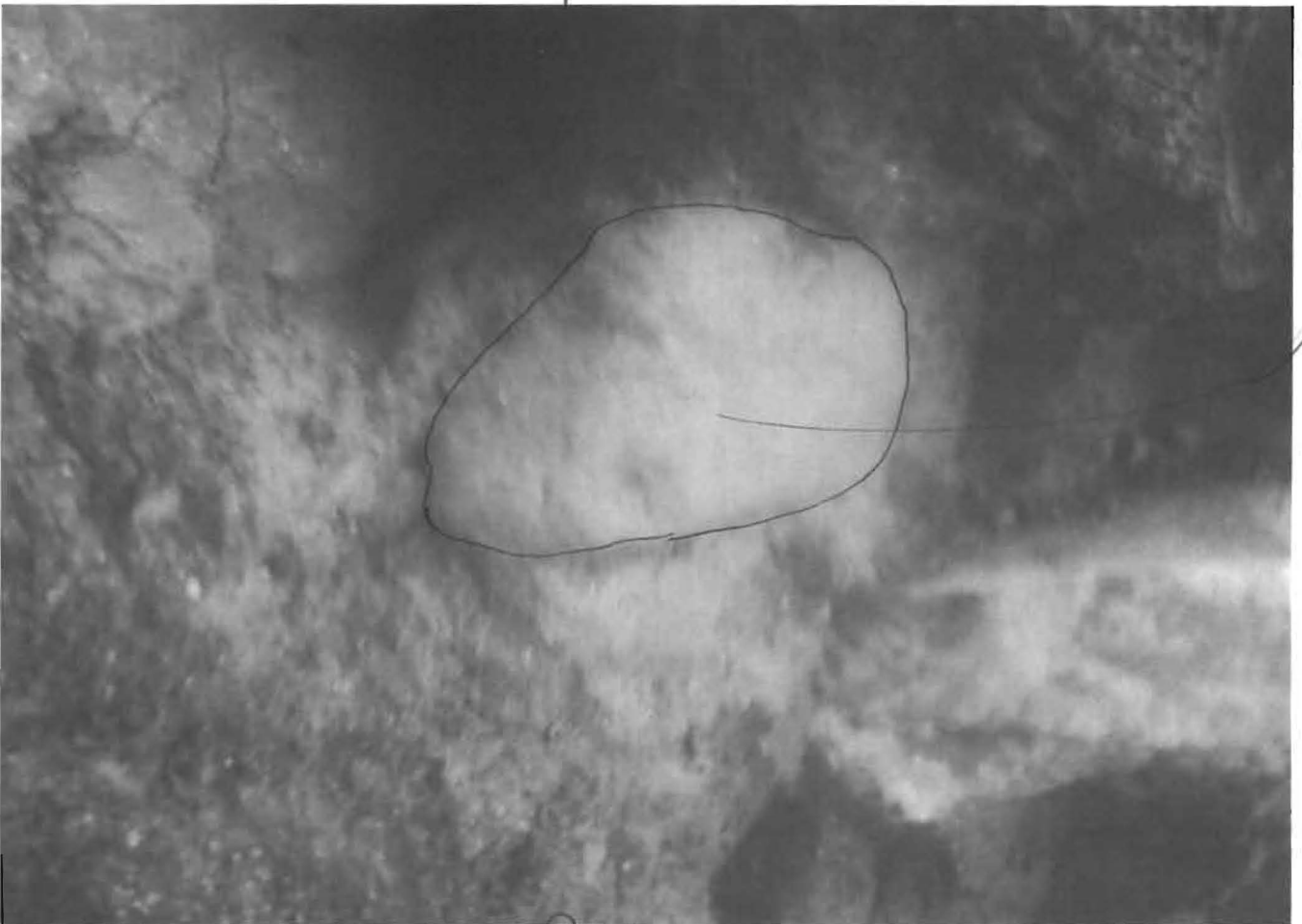
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15



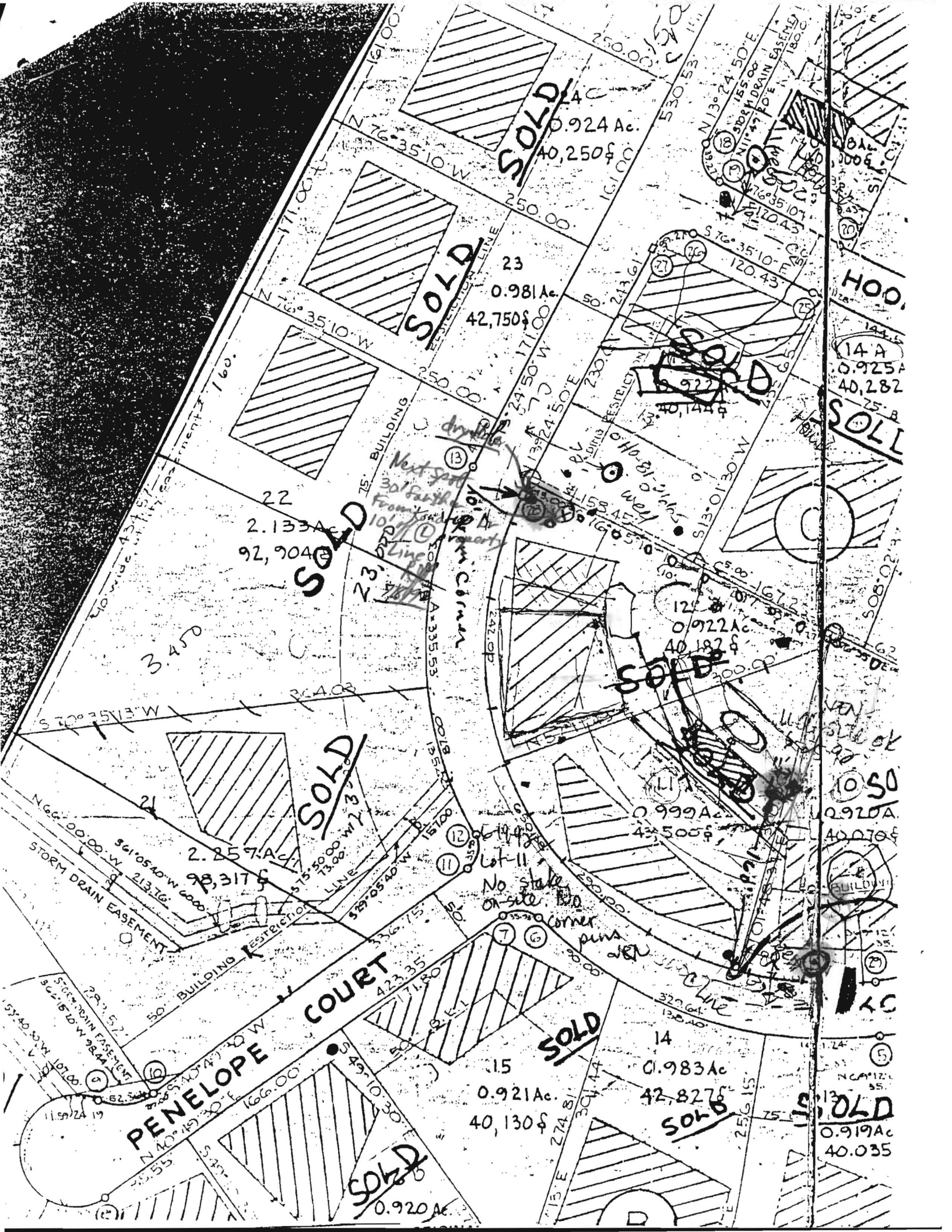
TOP

Rock's #8000 - and file



Round Rock out-of-place

Bottom



**SOLD**

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**SOLD**

23  
0.981 Ac.  
42,750\$

22  
2.133 Ac.  
92,904\$

24  
2.857 Ac.  
98,317\$

26  
0.922 Ac.  
40,182\$

25  
0.921 Ac.  
40,130\$

27  
0.983 Ac.  
42,827\$

29  
0.919 Ac.  
40,035\$

30  
0.920 Ac.  
40,250\$

14 A  
0.925 Ac.  
40,282\$

10 50  
0.920 Ac.  
40,070\$

*dry well*  
*Next spot 30' further from boundary*  
*10' from property line*  
*W. Column*

*No stake on-site*  
*corner pins*

*SOLD*

*SOLD*

*SOLD*

**HOO.**

**SOLD**

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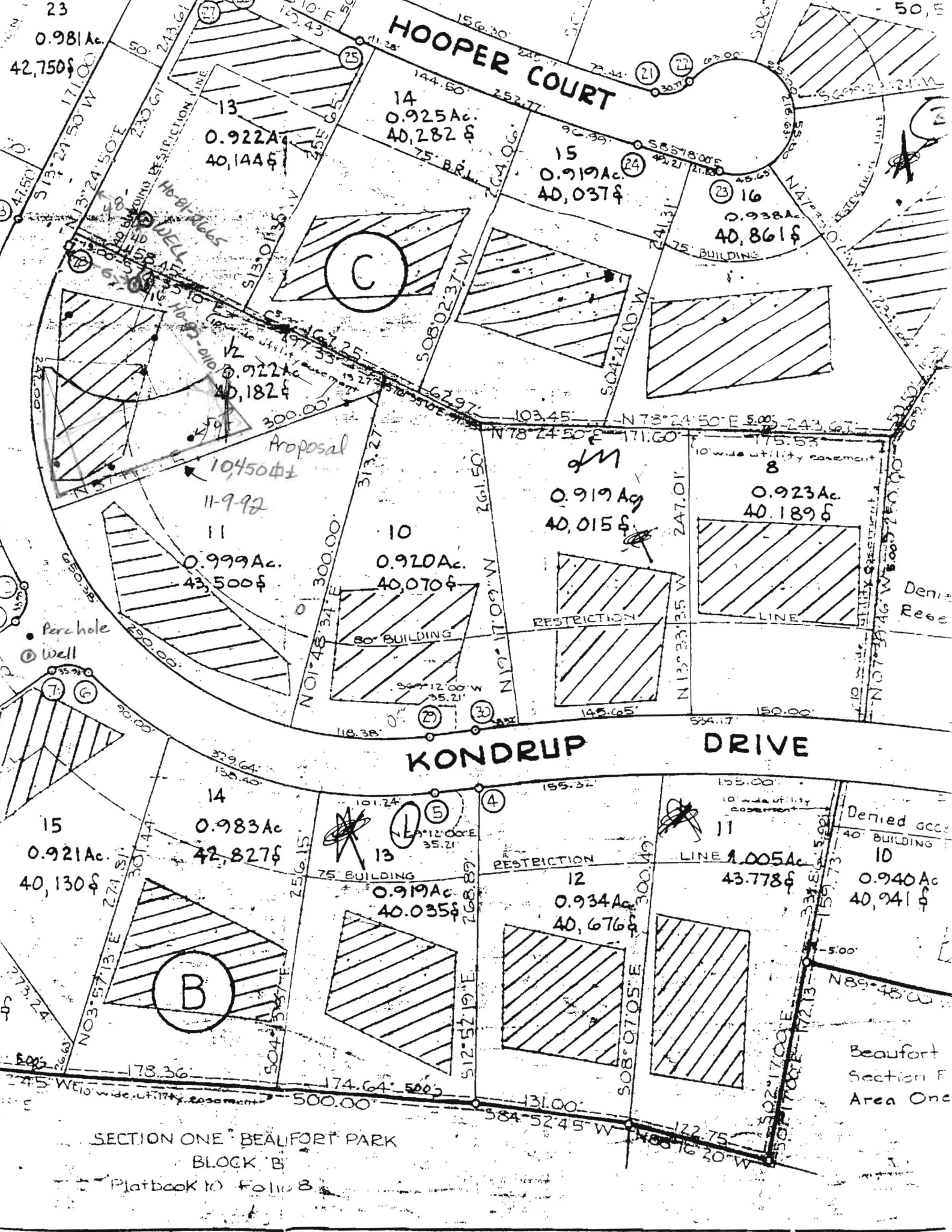
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23  
0.981Ac.  
42,750\$

# HOOPER COURT

13  
0.922Ac.  
40,144\$

14  
0.925Ac.  
40,282\$

15  
0.919Ac.  
40,037\$

16  
0.938Ac.  
40,861\$

12  
0.922Ac.  
40,182\$

11  
0.999Ac.  
43,500\$

10  
0.920Ac.  
40,070\$

9  
0.919Ac.  
40,015\$

8  
0.923Ac.  
40,189\$

15  
0.921Ac.  
40,130\$

14  
0.983Ac.  
42,827\$

13  
0.919Ac.  
40,035\$

12  
0.934Ac.  
40,676\$

11  
1.005Ac.  
43,778\$

10  
0.940Ac.  
40,941\$

SECTION ONE BEAUFORT PARK  
BLOCK B

Platbook 10 Folio B

Denied  
Ree

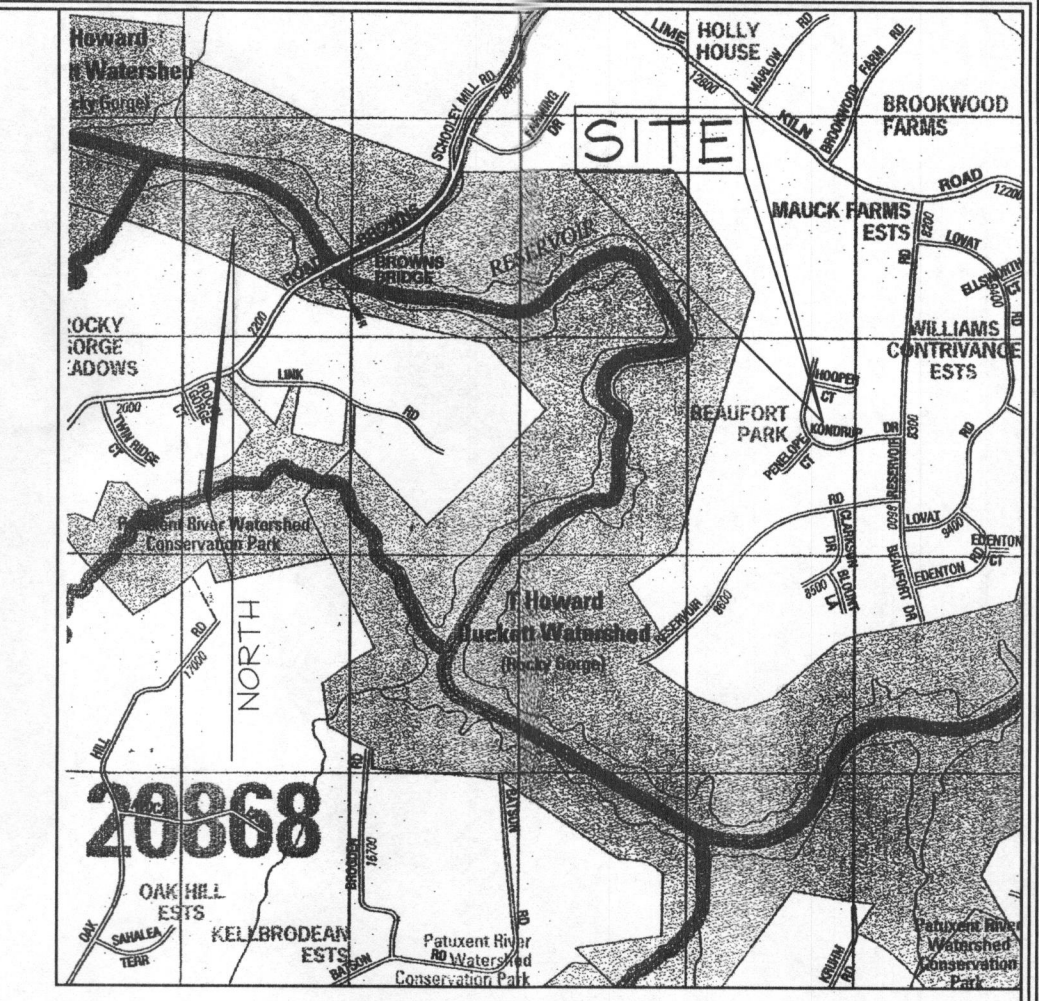
Denied acc

Beaufort  
Section F  
Area One



**LEGEND**

- Existing Contour
- Existing Spot Elevation
- Existing Tree Line
- Proposed House
- Prop. Septic Easement
- Well
- Perc Test (Passed)



**GENERAL NOTES**

1. Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
2. Area of properties = 40,182 SF (lot 12), 40,071 SF (lot 10)
3. Private wells, and septic will be used within this site.
4. This area designates a private sewage easement of at least 10,000 square feet (or 10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
5. Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
6. Existing septic fields shown are located on soil type GgB.
7. Wells on lots 10 & 12 are existing.
8. Property address: 12405 (lot 12) & 12397 (lot 10) Kondrup Drive, Fulton, MD 20759
9. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
10. Existing 2-foot contour topography is based on a Field Run Topographic Survey by FSH Associates in March 2013 (lot 12), and June 2013 (lot 10).
11. Number of existing buildable lots: 2
12. Percolation tests took place at the stake.
13. All Perc test points have been field staked by FSH Associates in September 2013.
14. Any changes to private sewage disposal areas require a revised percolation certification plan.
15. An advanced pre-treatment system which utilizes Best available technology to perform nitrogen reduction shall be located on the septic system for lots 10 and 12. A supplemental plan with all necessary details for installation of the system will be required prior to release of building permits and septic system installation permits.

**PERC. CHART**

LOT 12		LOT 10	
Number	Elevation	Number	Elevation
8001	429.84	8006	437.26
8002	434.96	8007	435.93
8003	430.57	8008	434.26
8004	433.15	8009	432.52
8005	426.54	8010	433.87

"I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF."

*Zacharia Yosef Fisch*  
 ZACHARIA YOSEF FISCH, P.E. #22418  
 FSH ASSOCIATES  
 11/12/13  
 DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY  
*Deborah Marie Rossman* 12/2/2013  
 COUNTY HEALTH OFFICER  
 HOWARD COUNTY HEALTH DEPARTMENT

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
GgB	Glenelg loam, 3 to 8 percent slopes	B

**LOT 12 OWNER/DEVELOPER**  
 Jeffrey L. Hobbs  
 12401 Kondrup Drive  
 Fulton, MD 20759

**LOT 10 OWNER/DEVELOPER**  
 Robert A. Daffer  
 12401 Kondrup Drive  
 Fulton, MD 20759

**PROFESSIONAL CERTIFICATION**  
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 07/29/2015.

**PERCOLATION CERTIFICATION PLAN**  
**BEAUFORT PARK**  
 LOT 10 & 12 (A545133)  
 Plat Book 26, Plat 55

TAX MAP 45  
 5th ELECTION DISTRICT

PARCEL 48  
 HOWARD COUNTY, MARYLAND

DESIGN BY: CRH2  
 DRAWN BY: CRH2  
 CHECKED BY: ZYF  
 SCALE: 1" = 30'  
 DATE: Nov. 12, 2013  
 W.O. No.: 3842  
 SHEET No.: 1 OF 1

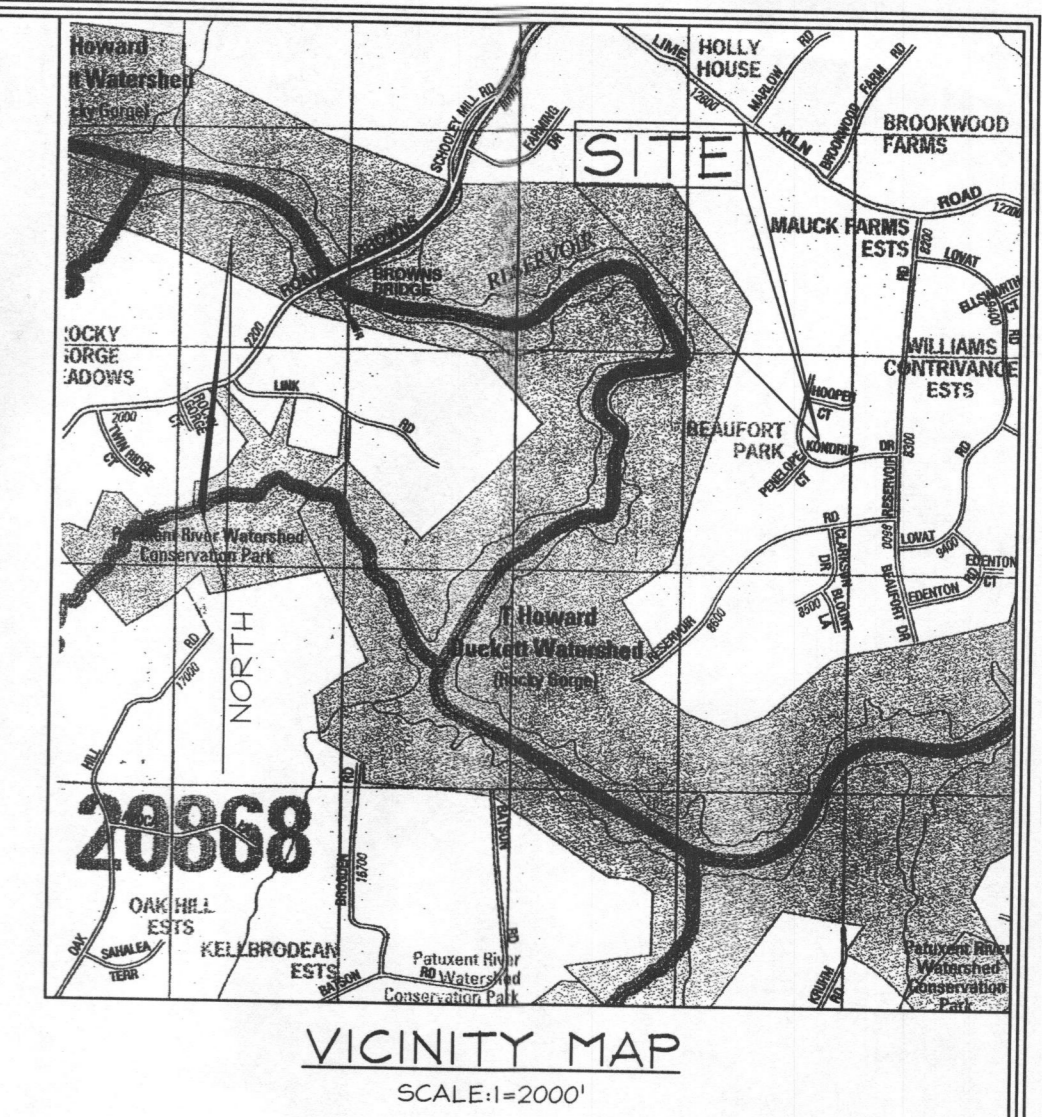
**FSH Associates**  
 Engineers Planners Surveyors  
 6339 Howard Lane, Elkridge, MD 21075  
 Tel: 410-567-5200 Fax: 410-796-1562  
 E-mail: info@fsh.com

PC545133



**LEGEND**

- Existing Contour
- Existing Spot Elevation
- Existing Tree Line
- Proposed House
- Prop. Septic Easement
- Well
- Perc Test (Passed)



**GENERAL NOTES**

1. Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
2. Area of properties = 40,182 SF (lot 12), 40,071 SF (lot 10).
3. Private wells, and septic will be used within this site.
4. This area designates a private sewage easement of at least 10,000 square feet (or 10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recodification of a modified sewage easement shall not be necessary.
5. Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
6. Howard County Soil Map #45.
7. The proposed septic fields shown are located on soil type GgB.
8. Wells on lots 10 & 12 are existing.
9. Property address: 12405 (lot 12) & 12397 (lot 10) Kondrup Drive, Fulton, MD 20759.
10. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
11. Existing 2-foot contour topography is based on a Field Run Topographic Survey by FSH Associates in March 2013 (lot 12), and June 2013 (lot 10).
12. Number of existing buildable lots: 2.
13. Percolation tests took place at the stake.
14. All Perc test points have been field staked by FSH Associates in September 2013.
15. Any changes to private sewage disposal areas require a revised percolation certification plan.
16. An advanced pre-treatment system which utilizes Best available technology to perform nitrogen reduction shall be located on the septic system for lots 10 and 12. A supplemental plan with all necessary details for installation of the system will be required prior to release of building permits and septic system installation permits.

PERC. CHART			
LOT 12		LOT 10	
Number	Elevation	Number	Elevation
8001	429.64	8006	437.26
8002	434.96	8007	435.93
8003	430.57	8008	434.26
8004	433.15	8009	432.52
8005	428.64	8010	433.87

"I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF."

*Zacharia & Fisch* 11/12/13  
 ZACHARIA YOSEF FISCH, P.E. #22418 DATE  
 FSH ASSOCIATES

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY  
 [Signature] 12/2/2013  
 COUNTY HEALTH OFFICER DATE  
 HOWARD COUNTY HEALTH DEPARTMENT

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
GgB	Glennelg loam, 3 to 8 percent slopes	B

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LOT 12 OWNER/DEVELOPER  
 Jeffrey L. Hobbs  
 12401 Kondrup Drive  
 Fulton, MD 20759

LOT 10 OWNER/DEVELOPER  
 Robert A. Differ  
 12401 Kondrup Drive  
 Fulton, MD 20759

PERCOLATION CERTIFICATION PLAN  
**BEAUFORT PARK**  
 LOT 10 & 12 (A545133)  
 Plat Book 26, Plat 55

TAX MAP 45 5th ELECTION DISTRICT PARCEL 48 HOWARD COUNTY, MARYLAND

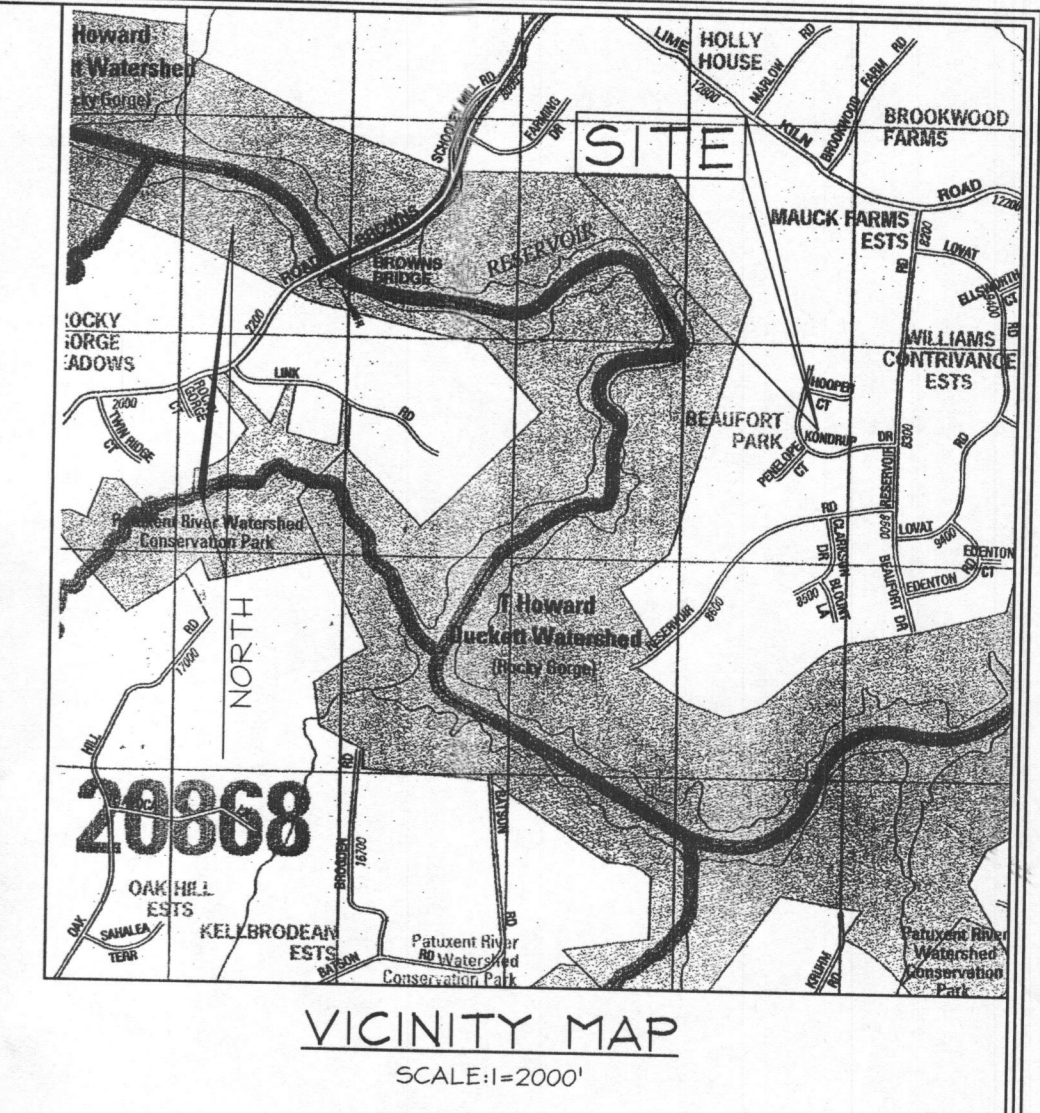
DESIGN BY: CRH2  
 DRAWN BY: CRH2  
 CHECKED BY: ZYF  
 SCALE: 1" = 30'  
 DATE: Nov. 12, 2013  
 W.O. No.: 3842  
 SHEET No.: 1 OF 1

**FSH Associates**  
 Engineers Planners Surveyors  
 6339 Howard Lane, Elkridge, MD 21075  
 Tel: 410-567-5200 Fax: 410-796-1562  
 E-mail: info@fshri.com



**LEGEND**

- Existing Contour: -382
- Existing Spot Elevation: 382.3
- Existing Trees to Remain: [Symbol]
- Proposed Septic Easement: [Symbol]
- Proposed House: [Symbol]
- Prop. Perc Test: [Symbol]
- Prop. Septic Easement: [Symbol]
- Approximate Existing Well: [Symbol]



**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
GgB	Glenelg loam, 3 to 8 percent slopes	B

- GENERAL NOTES**
1. Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
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  4. [Symbol] This area designates a private sewage easement of at least 10,000 square feet (or 10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
  5. All wells and septic fields within 100' of property's boundary have been shown.
  6. Howard County Soil Map #45.
  7. All the proposed septic fields shown herein are located on soil type GgB.
  8. All wells on lots are existing.
  9. Property address: 12405 & 12397 Kondrup Drive, Fulton, MD 20759.
  10. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.

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ZACHARIA YOSEF FISCH, P.E. #22418 DATE  
FSH ASSOCIATES

**PERCOLATION APPLICATION PLAN  
BEAUFORT PARK**

LOT 10 & 12  
Plat Book 26, Plat 55  
TAX MAP 45 5th ELECTION DISTRICT PARCEL 48 HOWARD COUNTY, MARYLAND

**LOT 12  
OWNER/  
DEVELOPER**  
Jeffery L. Hobbs  
12401 Kondrup Drive  
Fulton, MD 20759

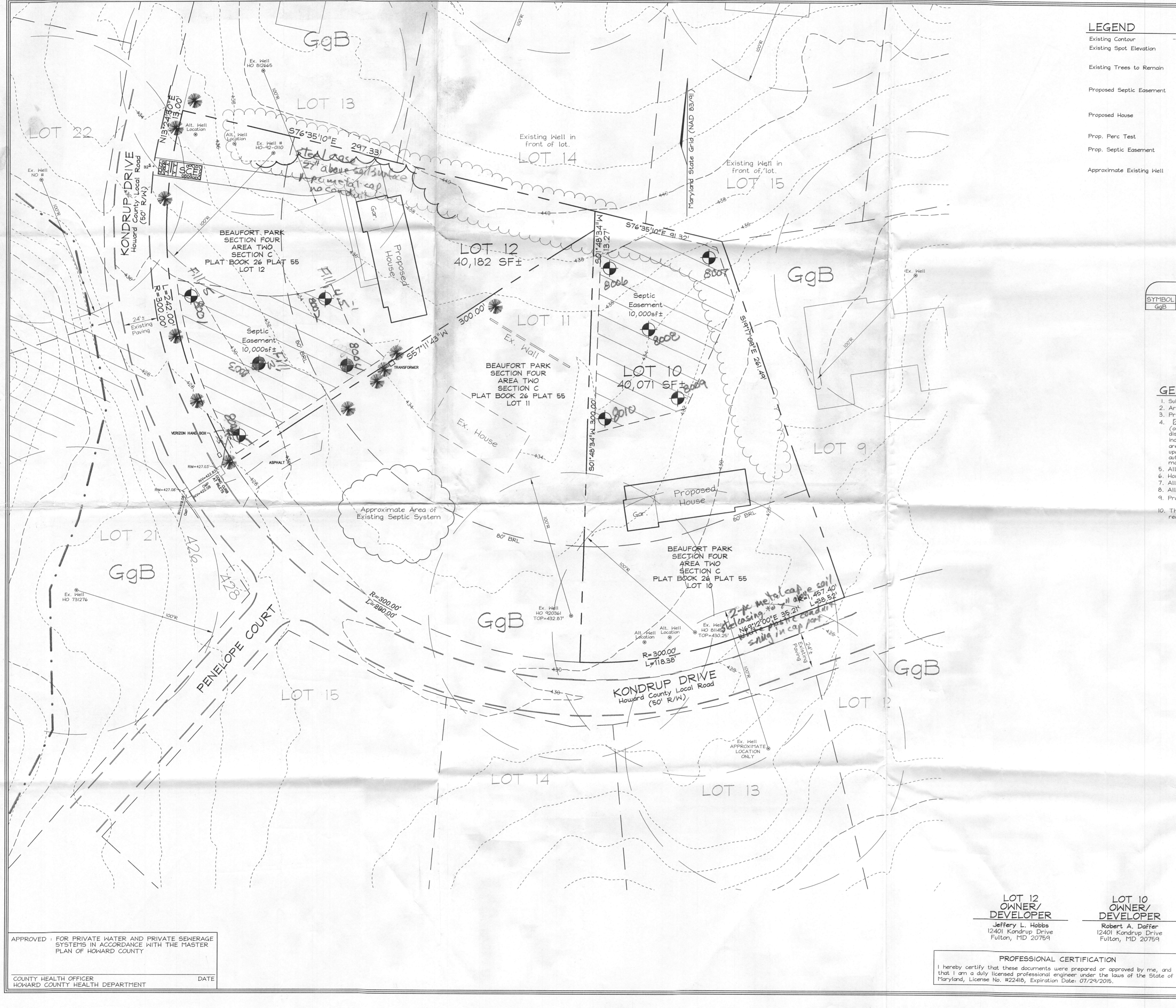
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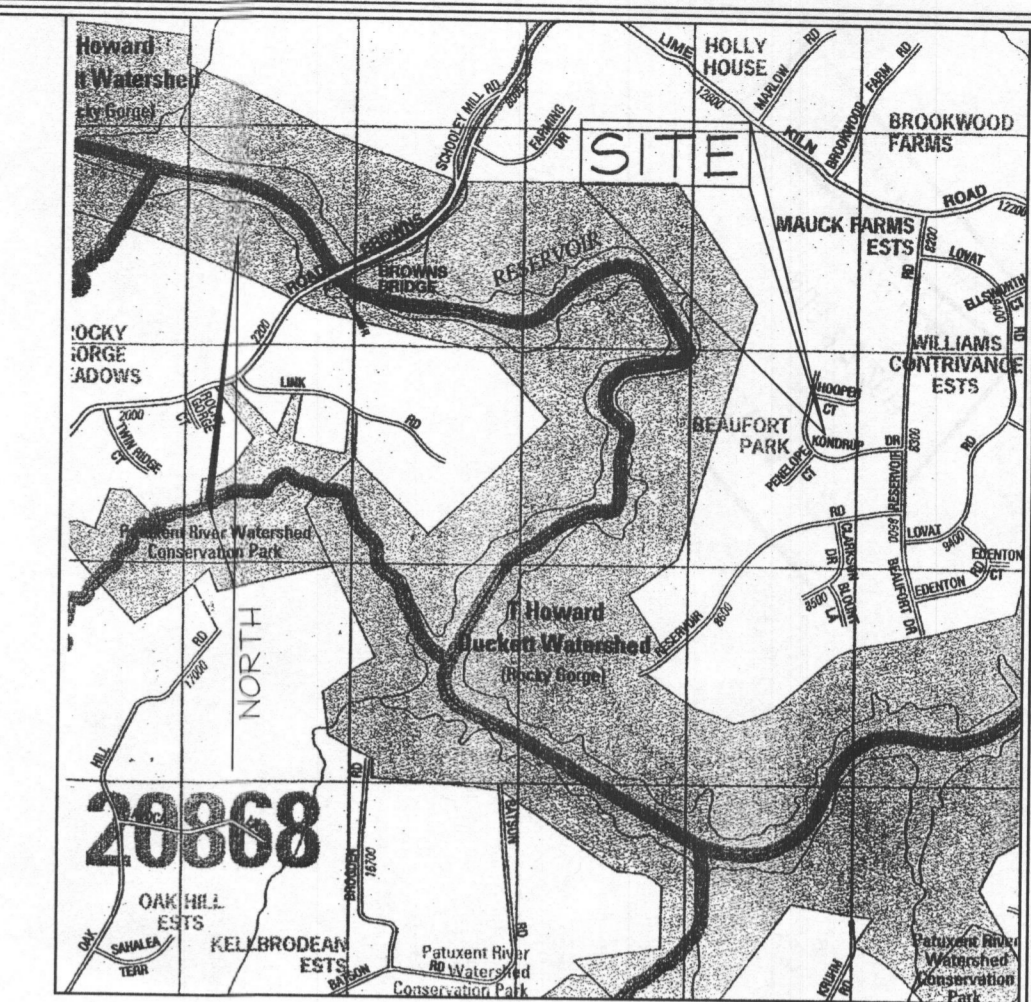
DESIGN BY: CRH2  
DRAWN BY: CRH2  
CHECKED BY: ZYF  
SCALE: 1" = 30'  
DATE: Aug. 8, 2013  
W.O. No.: 3842  
SHEET No.: 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY  
COUNTY HEALTH OFFICER HOWARD COUNTY HEALTH DEPARTMENT DATE



**LEGEND**

- Existing Contour
- Existing Spot Elevation
- Existing Trees to Remain
- Proposed Septic Easement
- Proposed House
- Prop. Perc Test
- Prop. Septic Easement
- Approximate Existing Well



VICINITY MAP  
SCALE: 1"=200'

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
GgB	Glenelg loam, 3 to 8 percent slopes	B

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ZACHARIA YOSEF FISCH, P.E. #22418 DATE  
FSH ASSOCIATES

**PERCOLATION APPLICATION PLAN  
BEAUFORT PARK  
LOT 10 & 12**

Plat Book 26, Plat 55  
TAX MAP 45 PARCEL 48  
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**LOT 12  
OWNER/  
DEVELOPER**  
Jeffery L. Hobbs  
12401 Kondrup Drive  
Fulton, MD 20759

**LOT 10  
OWNER/  
DEVELOPER**  
Robert A. Deffer  
12401 Kondrup Drive  
Fulton, MD 20759

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E-mail: info@fshet.com

DESIGN BY: CRH2  
DRAWN BY: CRH2  
CHECKED BY: ZYF  
SCALE: 1" = 30'  
DATE: Aug. 5, 2013  
P.L.O. No.: 3842  
SHEET No.: 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

COUNTY HEALTH OFFICER DATE  
HOWARD COUNTY HEALTH DEPARTMENT