



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) October 3, 2006 TEST TIME morning

APP # 525243

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

DATE 9/5/06

05-351413

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 5 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) (Mr & Mrs) Serhat Akin (Joanne Akin, owner)

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

MAILING ADDRESS 12426 Kondrop dr, Fulton Md 20759  
STREET CITY/TOWN STATE ZIP

APPLICANT Walter Duestin

DAYTIME PHONE 410-489-6990 CELL 301-346-9300 FAX 410-489-6991

MAILING ADDRESS 3813 Ivory Rd Glenely Md 21737  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION Beaufort Park  
SUBDIVISION/PROPERTY NAME 12426 Kondrop dr LOT NO. 25

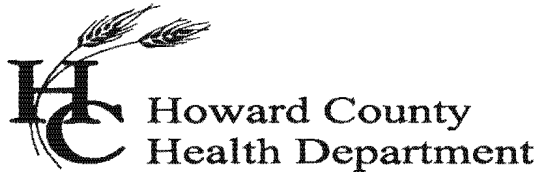
PROPERTY ADDRESS 12426 Kondrop dr  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 55 GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE 1.0

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



Howard County  
Health Department

Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-899-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

Penny E. Borenstein, M.D., M.P.H., Health Officer

October 3, 2006

Joann Akin  
12426 Kondrup Dr.  
Fulton, Maryland 20759

RE: PERCOLATION TEST RESULTS, A-525243

Dear Joann Akin,

Percolation testing conducted October 3, 2006 on the referenced property indicated satisfactory soil conditions for onsite wastewater disposal. Validation of the septic easement originally described in 1980, and the percolation tests are required due to a planned addition to the existing residence. Two additional bedrooms are planned for the residence on the subject property. Thus the finished structure, having five bedrooms will require a 1500-gallon septic tank.

Five holes were dug; three were percolation tested and the other two were observed. All five holes passed. A copy of the Percolation Test Results worksheet that includes a sketch showing the respective locations and number designations of each hole is enclosed with this letter. Please note that the recommended depth of trench and usable sidewall for septic system design shown on the worksheet are based on observed soil properties and characteristics at this location.

Concerning the distribution trenches, the primary system will be comprised of trenches that are 2 feet wide and have a total combined length of 260 feet. The recommended depth of the trench inlet is 4-foot depth, and the recommended bottom of trench is 6-foot depth. Allowing your installation contractor some flexibility in siting the new septic tank for gravity flow to the distribution box and drainfield trenches, the trench inlet may be as shallow as 3 feet depth or as deep as 5 feet depth. The trench bottom should always be 2 feet below the inlet, and on this property the depth to trench bottom from ground surface should be not more than 7 feet.

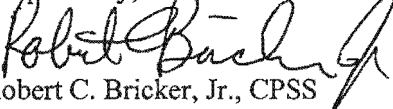
Regarding current status of testing and results for the subject property at 12426 Kondrup Drive, further review and approval is contingent upon submission by a registered engineer/surveyor of a Percolation Certification Plan/Site Development Plan. In addition to items on the following list that are not already included on the plan, please include the statement, **"A new onsite wastewater treatment system must be installed before a Building Permit is approved."** Subsequently the existing system will be destroyed or removed at about the same time. Percolation Certification Plan requirements for a septic system upgrade follow:

1. Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g. subdivision, SDA adjustment, etc.
2. Name, address and telephone number of each owner, developer and the plan author.
3. The date the plan was drawn, the plan scale (1:30 – 1:100), a scaled vicinity map and, if not a Preliminary Plan, the A # (percolation test fee receipt number, referenced in the HCHD correspondence).
4. Health Officer signature block conditioned with the statement, "Approved for private water and private sewerage systems".
5. Existing and proposed property lines.
6. The five excavated test holes observed by HCHD inspector, identified according to the original percolation testing proposal, or as otherwise identified at the time of testing; staked holes not dug should not be shown.
7. **Actual** surveyed elevation (not based on County Aerial topography) of each test hole.

8. Legend symbols to distinguish holes, which 'Passed', 'Failed', or were 'Held' for re-review (e.g., for wet season).
9. Proposed minimum 10,000 sq. ft. SDA that does not encroach upon any setback described by regulation.
10. A table detailing maximum number of bedrooms, total SDA area in square feet, average perc time, and number of square feet of septic capacity per bedroom. **(10,000 ft. requirement not applicable if lot(s) were created before March 1972)**
11. Field verified (field run) topography at 2-foot vertical intervals and statement certifying field verification of topographic features.
12. Existing structures, wells, septic easements and other septic system components, e.g. tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove'.
13. Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries.
14. **Proposed structure footprint, or suitable house site (55' x 70'), with Building Restriction Lines as determined by other County agencies.**
15. All existing wells and proposed wells that are down-gradient and within 200 feet of existing or proposed septic systems (including SDAs), and those existing or proposed septic systems locations (including SDAs) that are in the relative up-gradient position.
16. All existing wells, septic systems and sewage disposal easements within 100 feet of property boundaries and a certification note stating that all are shown.
17. Professional seal or signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
18. For this lot created after March 1972, **the following statement shall be included** on the Percolation Certification Plan: "This area designates a private sewage easement of at least 10,000 square feet as required by Maryland Department of Environment for individual sewage disposal. Improvements of any nature in the designated area are restricted. This easement shall become null and void upon connection to a public sewage system. The County Health Officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary."
19. **If adjustment of previously approved SDA, show area gained, area lost, and final SDA; calculate square footage for each; and shade any area to be abandoned differently than any new SDA to be established.**

In addition to the worksheet showing test results, I am also enclosing a list of setback requirements for wells and septic systems. If you have questions regarding the content of this report or the enclosures, please contact me at the above address or by calling (410) 313-1771.

Respectfully,

  
Robert C. Bricker, Jr., CPSS  
Well and Septic Program  
Development Coordination Section

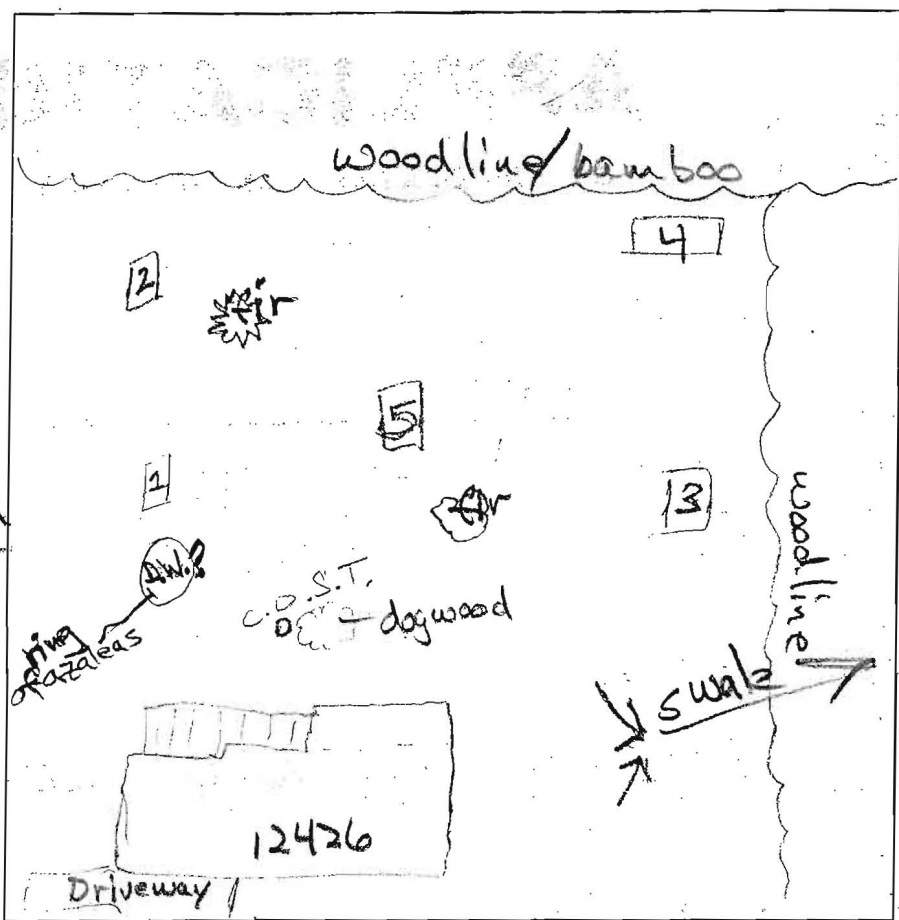
Enclosures (2)

Cc: Walter (Joey) Dustin, CRIMCO  
File

AP 525243

#3

#1



1.3 dk. brn sl  
brn scl  
fsbk  
3 Tan to  
lt. brown  
sl, soft  
schist channers  
few roots  
8 lt. brown  
crushable  
schist  
10 wk cem  
red schist-sl  
11.5

1' Top soil  
4' Yellow  
Brn  
mica schist  
slm  
4' Yellow  
Brn  
Micaceous  
slm  
10' 5-10%  
wk cemented  
Mica Schist  
Yellow  
lms  
11.5

#2

1.3 dk brn sl  
brn scl  
2fsbk  
3 Tan to  
lt. brn  
sl with  
schist  
channers  
9 soft  
muscovite  
schist  
20-30%  
wk. cem.  
schist  
12

Kondrup DR

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	PI/H
10/3/06	1	3.5 11.5	10:11	10:17	10:25	8	P
	2	4.5 12.5	10:26	10:29	10:35	6	P
	3	4.5 11.5	10:37	10:39	10:43	4	P
	4	VISUAL					P RB
10/3/06	5	VISUAL					P RB

#4  
1.3' dk brn sl  
brn scl  
2fsbk  
3 Tan to  
lt. brn sl  
with soft  
schist channers  
common  
to few roots  
8 sl w/ soft  
schist channers  
muscovite  
10  
12' platy cemented

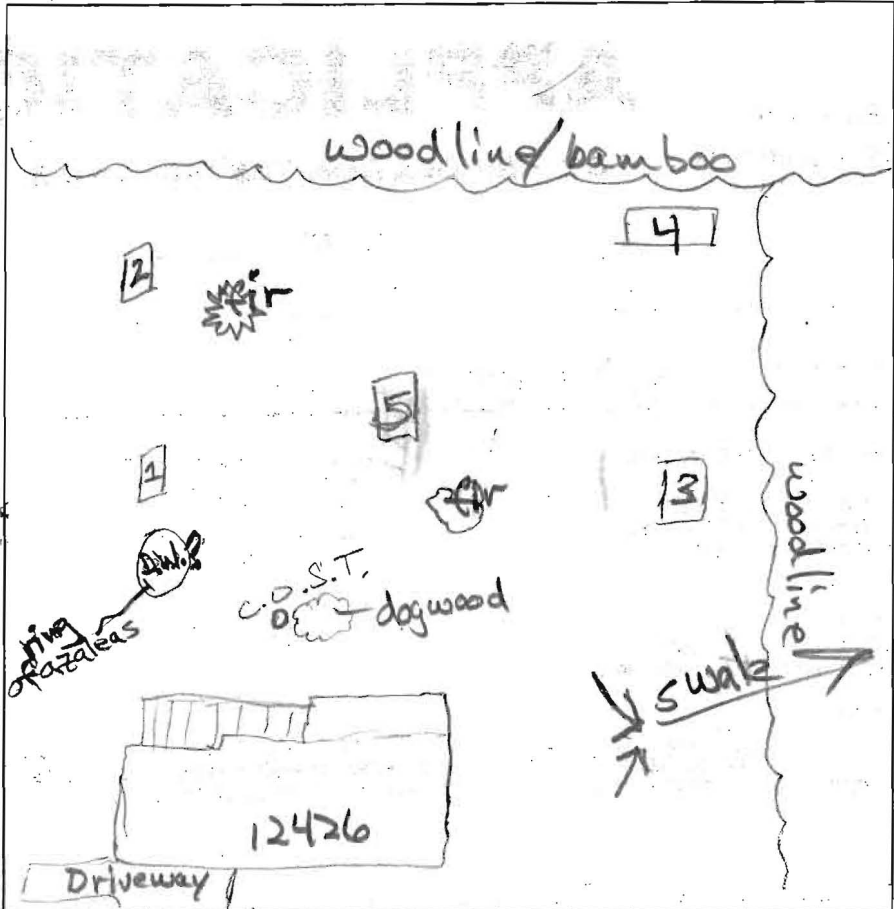
#5 center  
1.3 dk brn sl  
brn scl  
1fsbk  
3.5 tan to  
lt. brown  
sl, schist  
to ~15%  
few roots  
8 ST, weakly  
cemented  
schist  
muscovite  
11  
12

REMARKS: Inlet depth may vary for gravity flow design; 3' depth to 5'  
SANITARIAN RB/AT BACKHOE Justin OTHERS Joel Dustin Robert Speelman  
TEST HOLES USED IN SDA 5; 3perc, 2 visual AVG. PERC TIME 6min SQ. FT/BR 180  
TRENCH WIDTH 2' INLET DEPTH 4' MAX. BOT DEPTH 6' EFFECTIVE SW 2'  
Maintain 2 feet separation, Inlet to Trench bottom, RB  
e.g. Max Trench bottom at 7' if Inlet at 5.

AVP 525243

#1

1' Top soil  
 4' Yell Brn mica schist sltn  
 4' Yell Brn micaceous sltn  
 10' 5-10% wk cemented mica schist  
 11.5' Yell Brn Trns



#3  
 1.3' dk. brn sl  
 brn scl  
 fskb  
 3' Tan to lt. brown sl, soft schist channels few roots  
 8' lt. brown crushable schist  
 10' wk. cem red schist-sl  
 11.5'

#2

1.3' dk brn sl  
 brn scl  
 2 fskb  
 3' Tan to lt. brn sl with schist channels  
 9' soft muscovite schist 20-30%  
 10.5' wk. cem. schist  
 12'

2426 Kondry P DR

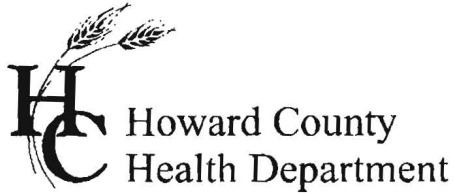
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/3/06	1	3.5 / 11.5	10:11	10:17	10:25	8	P
	2	4.5 / 12.5	10:24	10:29	10:35	6	P
	3	4.5 / 11.5	10:37	10:39	10:43	4	P
	4	VISUAL					P RB
10/3/06	5	VISUAL					P RB

#4  
 1.3' dk brn sl  
 brn scl  
 2 fskb  
 3' Tan to lt. brn sl with soft schist channels common to few roots  
 8' sl w/ soft schist channels muscovite  
 10' platy cemented

#5 center

1.3' dk brn sl  
 brn scl  
 1 fskb  
 3.5' Tan to lt. brown sl, schist to ~15%  
 few roots  
 8' sl, weakly cemented schist  
 11' muscovite schist  
 12'

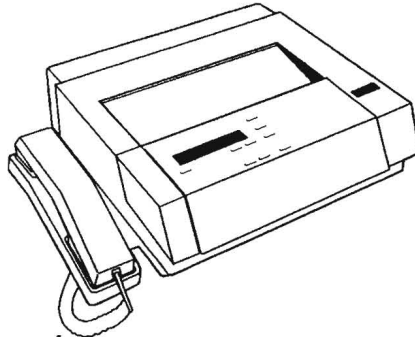
REMARKS: Inlet depth may vary for gravity flow design; 3' depth to 5'  
 SANITARIAN RB/OT BACKHOE Justin OTHERS Bob Justin Robert Speelman  
 TEST HOLES USED IN SDA 5, 3 perc, 2 visual AVG. PERC TIME 6 min. SQ. FT/BR 180  
 TRENCH WIDTH 2' INLET DEPTH 4' MAX. BOT DEPTH 6' EFFECTIVE SW 2'  
 Maintain 2 feet separation Inlet to Trench bottom, RB  
 e.g. Max Trench bottom at 7' if Inlet at 5.



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
Food Protection Fax (410) 313-2676  
TDD (410) 313-2323 Toll Free 1-866-313-6300

*Penny E. Borenstein, M.D., M.P.H., Health Officer*

**F A X**



Date 9/12/2006

To Walter Dustin

Department Crim Co

FAX # 410-489-6991

From Robert Bricker

Telephone 410-313-2691 FAX (410) 313-2648

# Of Pages 4 (including cover page)

Comments Please 2-page comments  
and 1-page setback requirements  
REB

**CONFIDENTIALITY NOTICE**

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TRANSMISSION VERIFICATION REPORT

TIME : 09/12/2006 11:12  
NAME : ENVIRONMENTAL HEALTH  
FAX : 4103132648  
TEL : 14103132648  
SER.# : 000G4J161082

DATE, TIME 09/12 11:12  
FAX NO./NAME 914104896991  
DURATION 00:00:52  
PAGE(S) 04  
RESULT OK  
MODE STANDARD  
ECM

*Comments 9/12*

*Robert Spellman  
240-375-5225*

*10/3/06 Log for Robert X*

*Comments  
sent 9/12 reb  
expect Pere Ap  
Plan in response*

# HOWARD COUNTY HEALTH DEPARTMENT



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia Maryland 21046  
(410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

***Penny E. Borenstein, M.D., M.P.H., County Health Officer***

September 12, 2006

## MEMORANDUM

TO: Walter Dustin, Applicant (Builder) for Serhat Aikin

FROM: Robert C. Bricker, CPSS  
Bureau of Environmental Health  
Well and Septic Program

Handwritten signature of Robert C. Bricker in black ink.

RE: Percolation test for residential addition at 12426 Kondrop Drive

A 525243

This communication is to advise you of the Howard County requirements for percolation test requirements in relation expanding the residence on the subject property to 5 bedrooms. The present system on the subject property is simply a dry well, approved and designed ca.1974 for a "3 or 4" bedroom residence. A septic disposal area (SDA) of less than 9000 sq. ft. was defined by percolation testing at that time. The existing system is likely obsolete and an SDA meeting current requirements must be located and defined.

The area of an SDA must be at least 10,000 sq. ft. and be of sufficient size to accommodate three septic drainfields (1 primary system and two replacements). None of this area may lie within setbacks described by COMAR 26.04.02.05. Typically, five 'Passing' perc tests define an SDA, one at or near four corners (or boundaries) and one in the center. The investigating sanitarian may require more based on interpretation of observed soil conditions, or if there is too much space between the perc tests.

In addition to properly defining a proposed SDA, I have identified the following specific items that must be addressed:

- 1) A plat (in essence a Percolation Test Plan) prepared at a useful scale between 1"=30' and 1"=100', must be submitted.
- 2) The percolation test application plat must include the most recent (2002) soil survey mapping units. (The current soils will need to be shown on the Percolation Certification Plan, so it is appropriate to request their inclusion on the Percolation Application Plan plat.)
- 3) Show the property line and any previously platted septic easement (SDA) and/or the area of a proposed SDA.
- 4) Show the five percolation test locations that will define the SDA.
- 5) Show the footprint of all buildings and the planned addition to the residence. Also show the drive and any easements that impact the subject property.
- 6) Show the existing well and septic system components on the subject property.

- 7) Show all existing and/or proposed wells and septic systems that are within 100 feet of the subject property.
- 8) Include a signed statement that the preparer has inspected the site and the plan is accurately drawn.
- 9) Show accurate topographic contour lines at 2' intervals.

Please re-submit your Percolation Test Plan that incorporates the corrections that are necessary and that are reasonably achievable at this time. To assist you I am attaching a 1-page document that has a list of setback distances.

If you have any questions concerning these comments please call 410-313-2691.

CC: file

Handwritten signature in black ink, appearing to be the initials 'reb'.

LOCATION DRAWING OF  
 LOT 25 BK. B  
 PLAT BK.# 26 PG. 55  
 BEAUFORT PARK  
 5 DIST. HOWARD CO.MD  
 DEED REF.# 8719/370

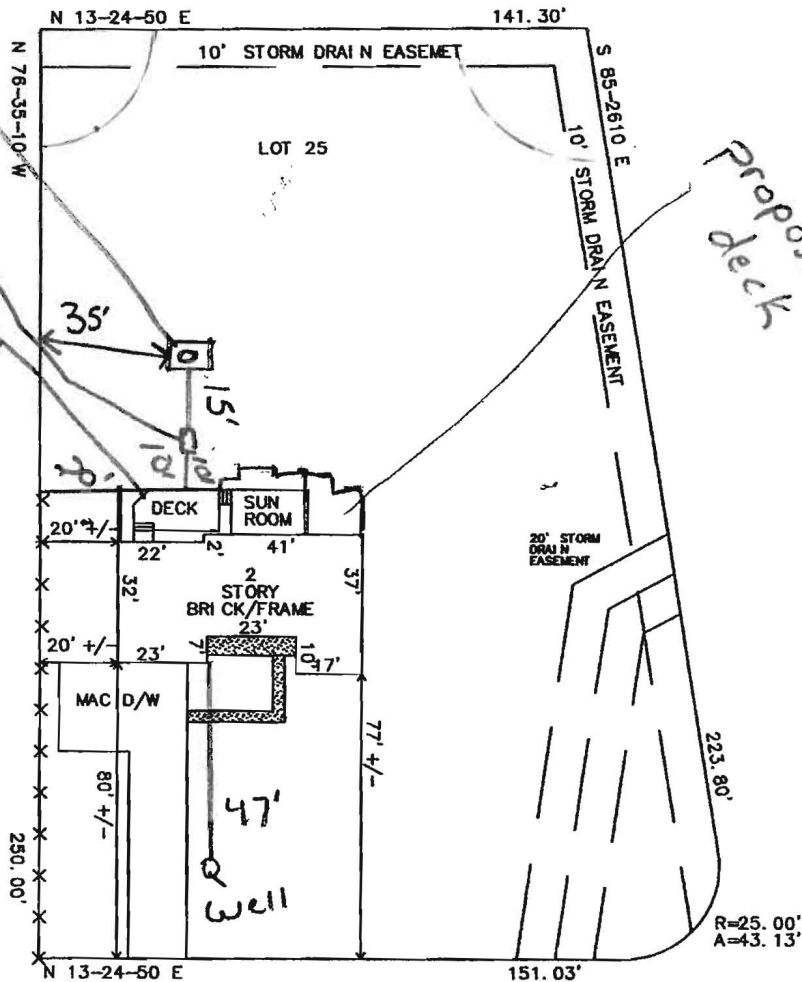
Mountain Road Surveys  
 4399 Mountain Rd.  
 Pasadena, MD 21122  
 Phone: 410-360-9464  
 Fax: 410-360-0247

7421/LT-10620  
 12426 KONDRUP DR.  
 FULTON, MD 20759  
 DATE: 08/28/06  
 SCALE: 1"=50'

Existing  
 Driveway  
 Existing  
 Tank

Proposed  
 Addition

Proposed  
 deck



KONDRUP DRIVE (50' R/W)

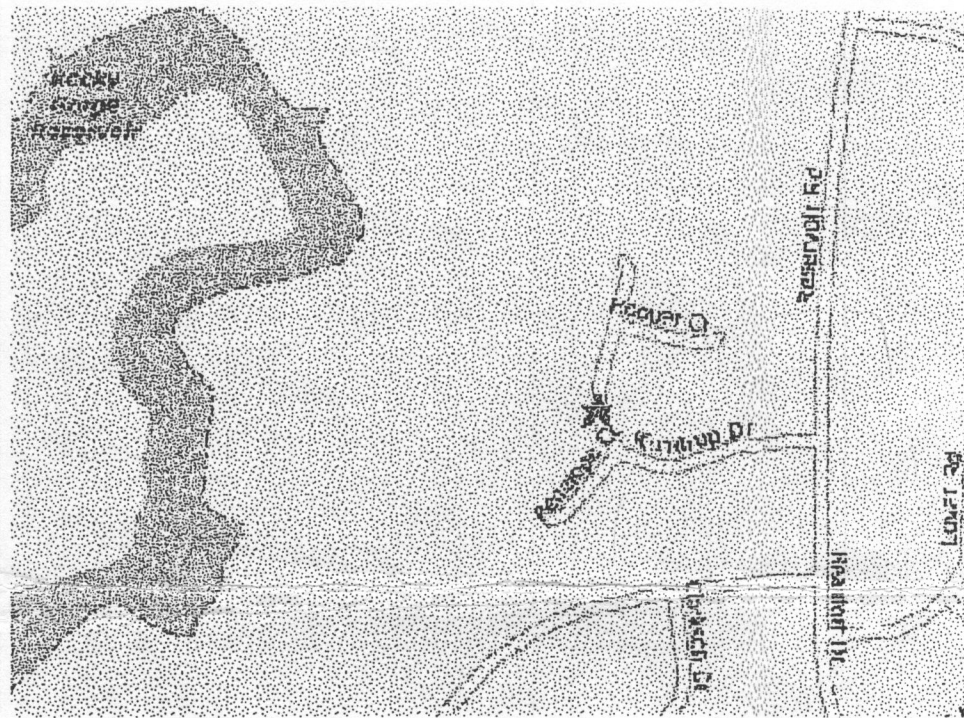
Surveyors Certificate  
 I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON, AND TO THE BEST OF MY INFORMATION, PROFESSIONAL KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN HEREON. AND THAT THE IMPROVEMENTS APPEAR TO BE IN FLOOD ZONE C. THIS SURVEY IS TO ESTABLISH THESE ABOVE GROUND IMPROVEMENTS ONLY AND NOT INTENDED TO FIND UNDERGROUND UTILITIES OR OTHER INSTALLATIONS. THE LEVEL OF ACCURACY FOR THIS DRAWING IS 1' +/-

GENERAL NOTES  
 1). THIS PLAT IS OF BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OF A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH A CONTEMPLATED TRANSFER, FINANCING, OR RE-FINANCING.  
 2). THIS PLAT IS NOT TO BE USED OR RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR ANY OTHER FUTURE IMPROVEMENTS.  
 3). THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES. BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THIS TRANSFER OF TITLE OR SECURING RENANCING OR RE-FINANCING.

THIS PLAT IS NOT INTENDED TO BE USED FOR THE PURPOSE OF ESTABLISHING BOUNDARY LINES!!!

THIS SURVEY WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT.

*Walter T. Tidings*  
 Walter T. Tidings  
 Property Line Surveyor # 150  
 Date



VICINITY MAP  
SCALE 1" = 1000'

**NOTES**

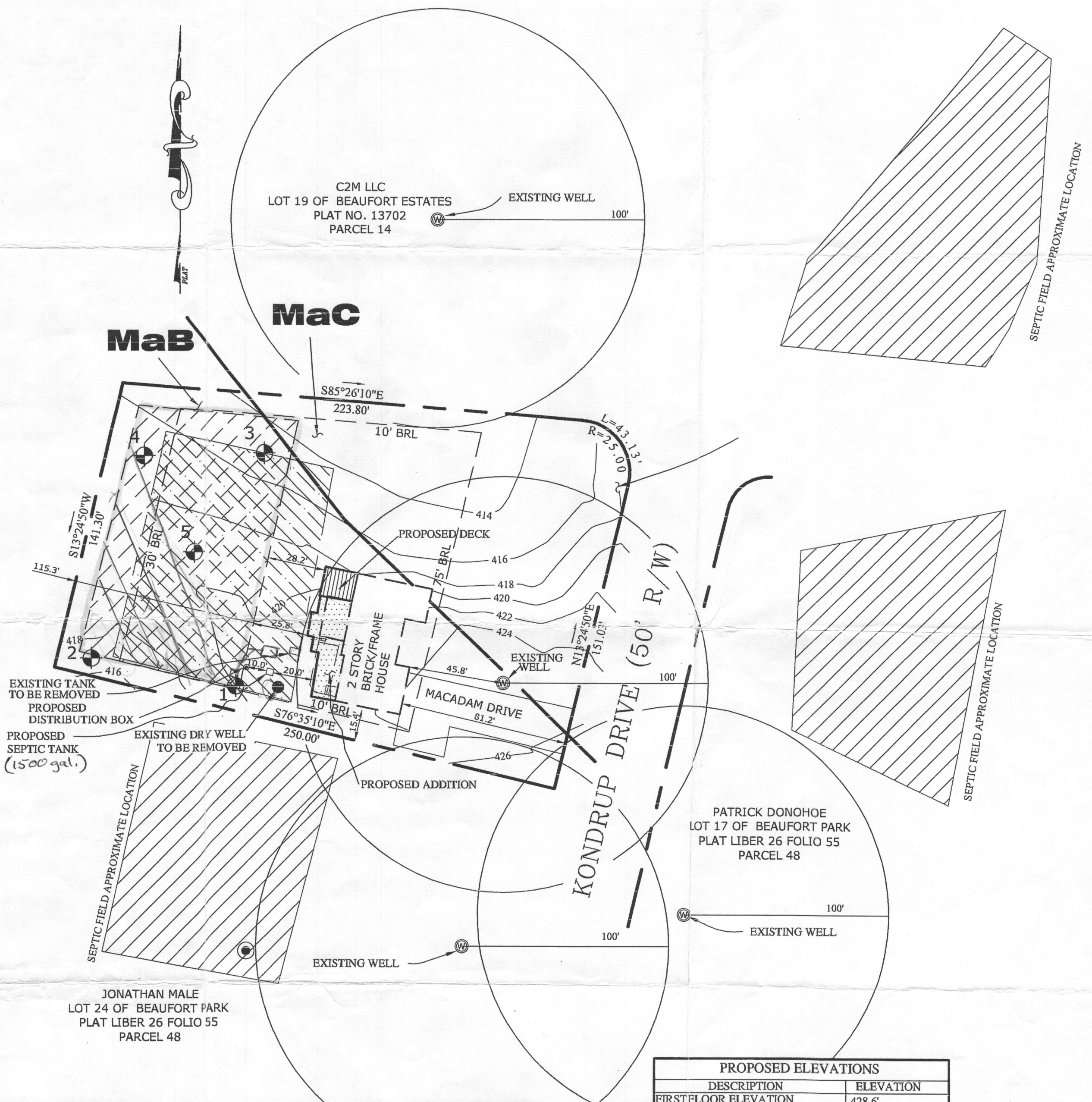
1. THE CONTOURS SHOWN HEREON ARE BASED ON AND A FIELD SURVEY, PERFORMED ON SEPTEMBER, 2006.
2. SITE ADDRESS: 12426 KONDRUP DRIVE
3. EXISTING ZONING IS RRDEO
4. BOUNDARY LINES SHOWN HEREON ARE BASED ON BOUNDARY EVIDENCE AND DEED PLOTS, PERFORMED BY MARKS & ASSOC. LLC ON SEPTEMBER, 2006
5. ALL WELLS AND SEPTIC SYSTEMS/EASEMENTS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN LOCATED TO THE BEST OF OUR KNOWLEDGE AND BELIEF.
6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
7. MAXIMUM NUMBER OF BEDROOMS ALLOWED IS 5
8. ACTUAL SEPTIC EASEMENT = 10027 SQ. FT.
- 9.

THIS AREA DESIGNATES A MINIMUM 10,000 SQUARE FOOT PRIVATE SEWAGE EASEMENT 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 EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

OWNER INFORMATION:  
JOANNE AKIN  
12426 KONDRUP DRIVE  
FULTON, MARYLAND 20759  
(240) 456-4593

DEVELOPER INFORMATION: WALTER DUSTIN  
CRIMCO  
3813 IVORY ROAD  
GLENELG, MARYLAND 21737  
(410) 489 6990

*Handwritten notes:*  
104  
80  
173  
Track 1 → 40'  
Track 2 → 64'  
Track 3 → 80'  
Track 4 → 94'



**PERC TEST HOLE TABLE**

TEST HOLE	PASS/FAIL	ELEVATION AS SURVEYED
1	PASS	420.03
2	PASS	416.92
3	PASS	414.96
4	PASS	417.12
5	PASS	419.35

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION
MaB	MANOR LOAM, 3 TO 8 PERCENT SLOPES
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES

**DETAILING TABLE**

MAXIMUM NUMBER OF BEDROOMS	TOTAL SDA SQAURE FEET	AVERAGE PER TIME	SQUARE / BEDROOM
5	10027 SQ. FT.	6 MINUTES	180 SQ. FT.

**AREA CALCULATIONS TABLE**

PREVIOUSLY APPROVED SDA	AREA GAINED	AREA LOST	FINAL SDA
9808 SQ. FT.	2875 SQ. FT.	2723 SQ. FT.	10027 SQ. FT.

**PROPOSED ELEVATIONS**

DESCRIPTION	ELEVATION
FIRST FLOOR ELEVATION	428.6'
INVERT OUT OF HOUSE	418.5'
INVERT INTO TANK	417.3'
INVERT OUT OF TANK	417.2'
INVERT INTO DISTRIBUTION BOX	417.1'

**PERCOLATION CERTIFICATION PLAT**

12426 KONDRUP DR.  
TAX MAP #45 PARCEL 48 LOT 25 OF BEAUFORT PARK  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
A# 525243

OCTOBER 2, 2006 SCALE: 1" = 40'

APPROVED FOR PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY  
*Robert W. Weber* 10/30/06  
HEALTH OFFICER

**MARKS AND ASSOCIATES**  
LAND PLANNING SURVEYING ENGINEERING  
ERIK C. MARKS, R.P.L.S.  
TEL (410) 747-8738  
FAX (410) 747-8547  
4531 COLLEGE AVENUE  
ELLICOTT CITY, MARYLAND 21043

I CERTIFY THAT THE INFORMATION 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.  
*Erik C. Marks*  
ERIK C. MARKS, R.P.L.S.  
PROFESSIONAL SURVEYOR

**LEGEND**  
EXISTING 2 FOOT CONTOURS  
FIELD LOCATED PERC TEST HOLE  
SEPTIC AREA GAINED 2875 SQ. FT.  
APPROXIMATE EXISTING SEPTIC EASEMENTS  
EXISTING SEPTIC FIELD TO BE ABANDONED 2723 SQ. FT.

EXISTING SEPTIC FIELD OVERLAPPING PROPOSED SEPTIC AREA  
FIELD LOCATED WELL  
TREE LINE  
CLEAN OUT