

Bureau of Environmental Health  
 8930 Stanford Boulevard, Columbia, MD 21045  
 Main: 410-313-2640 | Fax: 410-313-2648  
 TDD 410-313-2323 | Toll Free 1-866-313-6300  
 www.hchealth.org  
 Facebook: www.facebook.com/hocohealth  
 Twitter: HowardCoHealthDep

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

**APPLICATION  
 FOR PERCOLATION TESTING AND SITE EVALUATION**

**PROPERTY LOCATION**

SUBDIVISION/PROPERTY NAME Brown Property  
 PROPERTY ADDRESS 7631 Old Columbia Road Laurel 20723  
STREET TOWN ZIP

TAX ACCOUNT # 408680 TAX MAP 41 GRID 17 PARCEL 8 LOT NO. — PROPOSED LOT SIZE (ACRES) 0.75 acre  
 ZONING CATEGORY R-20 TIER —

PROPERTY OWNER(S) Wendell Brown *301.792.2415 cell  
wbrown713@gmail.com*  
 DAYTIME PHONE 301 785-2502 CELL 301 440 6938 EMAIL —  
 MAILING ADDRESS 7631 Old Columbia Rd. Laurel, MD 20723  
STREET CITY, STATE ZIP

APPLICANT Surveys Inc. RELATIONSHIP TO OWNER: Eng.  
 DAYTIME PHONE 301 776 0561 CELL 301 440 6938 EMAIL Surveysinc@Verizon.net  
 MAILING ADDRESS 350 Main St. Laurel, MD 20705  
STREET CITY, STATE ZIP

**I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):**

**PROPERTY:**

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: \_\_\_\_\_  
 SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING)  MAJOR  MINOR
- CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
- REPAIR OR REPLACE FAILING OSDS
- UPGRADE EXISTING OSDS

**BUILDING:**

- RESIDENTIAL WITH 4 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
- COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
- NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

*Tom C. Olu*

4/14/17

SIGNATURE OF APPLICANT

DATE

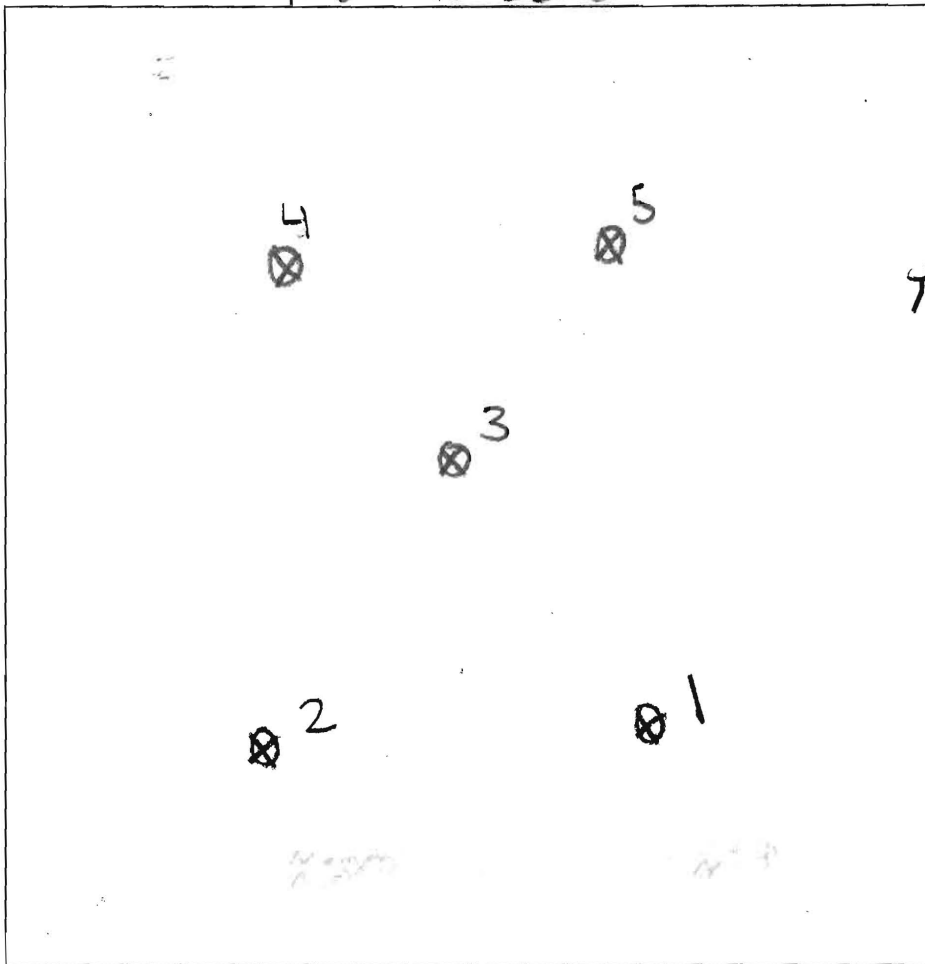
AP A560611

Not To Scale

P.T. 4

P.T. 2

0.10' - br - drk br sl fine roots  
 7' - red sl v. friable med roots many mica  
 14' - red yel sl many mica  
 dry



0.10' - drk br fs bk f. roots  
 7'-8' - br red sl med. roots - 5'  
 yel sl much mica  
 12' - dry

P.T. 5

3' - br sl yel red sl  
 6'-7' - tan sl v. fr ls much vitrio mica  
 14' - dry

P.T. 1

2' - br sl  
 yel red sl v. friable  
 15' - yel red fs l w/ ls  
 dry

Old Col Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/10/17	2	4.10/14'	9:06	9:07	9:10	3	P
5/10/17	1	4.8/15'	9:14	9:16	9:20	4	P
5/10	3	3.8/15'	9:22	9:32	9:50	18	P
5/10	4	4.8/12'	9:33	9:35	9:37	2	P
5/10	5	4.0/14'	9:38	9:39	9:42	3	P

P.T. 3

0.10' - br sl  
 tan "white"  
 ls w/ mica v. friable  
 7' - tan fs l much mica  
 15' -

REMARKS \_\_\_\_\_  
 SANITARIAN H. Oswald BACKHOE Hatfields OTHERS Homeowner  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



# HOWARD COUNTY HEALTH DEPARTMENT

60611

DATE  
4 / 19 / 17

A5

Received From

Wendell & Kelly Brown PHONE # 301 792-2415

For

Here Appx / 7631 Old Columbia Rd.

CASH

CHECK

NO.

2066 Five hundred six \_\_\_\_\_ Dollars

\$ 506 00

Received By

*[Signature]*

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, September 11, 2017 11:25 AM  
**To:** 'Gregory Benefiel'  
**Subject:** RE: 7631 Old Columbia Pike

Hi Greg:

Upon review of the perc cert plan revision #1, I noticed a couple of items that were not changed per comments dated July 31<sup>st</sup> or not observed during the original review. They are as follow:

- 1.) Eliminate any symbol in legend that isn't being used on the plan. For example, 25% slopes or greater
- 2.) Change signature block to read, Approved for Public Water and Private Sewerage System
- 3.) Add note; The existing drywell must be field located and shown on the building permit site plan. If the drywell is less than 10 feet from the proposed WHC, it will need to be properly abandoned prior to the installation of the WHC.
- 4.) Remove note # 11 from plan as it doesn't apply.
- 5.) Combine notes 15 and 16 to read, All wells and septic systems located within 100 feet of the property boundaries, and 200 feet down gradient of any wells and/or septic systems have been shown.

Let me know if you have any questions.

Respectfully,

Hank

**From:** Gregory Benefiel [<mailto:surveysinc@verizon.net>]  
**Sent:** Tuesday, August 01, 2017 9:55 AM  
**To:** Oswald, Hank  
**Subject:** Re: 7631 Old Columbia Pike

Hank,

The existing house is going to be occupied by the owner/applicant during the construction and completion of the new dwelling as per planning and zoning. Your comments #2 And #5 need to be revised. Attached is my revised notes to #2 and #5 and additional note # 18 stating that fact. Let me know is these note are ok.

Thanks

Gregory Benefiel  
[surveysinc@verizon.net](mailto:surveysinc@verizon.net)

-----Original Message-----

From: Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
To: surveysinc <[surveysinc@verizon.net](mailto:surveysinc@verizon.net)>  
Sent: Mon, Jul 31, 2017 1:14 pm  
Subject: 7631 Old Columbia Pike

Surveys Inc.

Attached, please find comments pertaining to the perc cert plan for 7631 Old Columbia Pike. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

## Williams, Jeffrey

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**From:** Williams, Jeffrey  
**Sent:** Thursday, August 24, 2017 2:31 PM  
**To:** 'Gregory Benefiel'  
**Subject:** RE: 7631 Old Columbia Pike

The one issue I see is whether the existing septic system interferes with the new house location. If so, they would need to vacate the existing house and abandon the system before we could issue a building permit for the new house. If the existing tank and drywell are at least 20' from the new house, please show their location on the perc cert (they should be shown in either case).

If the septic is not interfering, please have the notes read as follows:

- The existing well must be properly sealed by a licensed well driller and an abandonment report submitted to the Health Department for review prior to Health approval of a septic permit for the new house and approval of a Use and Occupancy permit.
- The existing septic tank and drywell must be pumped out by a licensed sewage hauler, crushed/filled with dirt or stone and documentation of abandonment on company letterhead submitted to the Health Department for review prior to Health approval of a septic permit for the new house and approval of a Use and Occupancy permit.
- The existing well and septic system components must be fenced off to prevent damage during new house construction prior to Health approval of the building permit for the new house.

**From:** Gregory Benefiel [<mailto:surveysinc@verizon.net>]  
**Sent:** Monday, August 21, 2017 9:44 AM  
**To:** Williams, Jeffrey  
**Subject:** Re: 7631 Old Columbia Pike

Jeff,

This was Hanks Comments. I emailed these modified notes to see if they are alright to add to the plan. The owner is going to occupy the existing house until new house has a temporary U&O, then raze the existing house. This was approved by planning and zoning.

Thanks

Gregory Benefiel  
[surveysinc@verizon.net](mailto:surveysinc@verizon.net)

-----Original Message-----

From: Gregory Benefiel <[surveysinc@verizon.net](mailto:surveysinc@verizon.net)>  
To: hoswald <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
Sent: Tue, Aug 1, 2017 9:55 am  
Subject: Re: 7631 Old Columbia Pike

Hank,

The existing house is going to be occupied by the owner/applicant during the construction and completion of the new dwelling as per planning and zoning. Your comments #2 And #5 need to be revised. Attached is my revised notes to #2 and #5 and additional note # 18 stating that fact. Let me know is these note are ok.

Thanks

Gregory Benefiel  
[surveysinc@verizon.net](mailto:surveysinc@verizon.net)

-----Original Message-----

From: Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
To: surveysinc <[surveysinc@verizon.net](mailto:surveysinc@verizon.net)>  
Sent: Mon, Jul 31, 2017 1:14 pm  
Subject: 7631 Old Columbia Pike

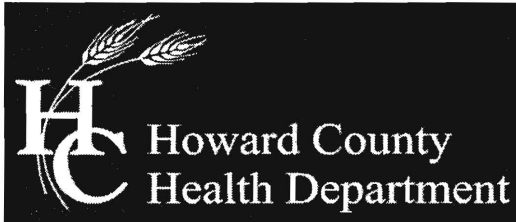
Surveys Inc.

Attached, please find comments pertaining to the perc cert plan for 7631 Old Columbia Pike. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
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Well & Septic Program  
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410.313.1786 (Office)  
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Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

---

July 31, 2017

Surveys Inc.  
350 Main Street  
Laurel, MD 20707

*Sent via email to:* [surveysinc@verizon.net](mailto:surveysinc@verizon.net)

**RE: Percolation Cert Plan Comments  
7631 Old Columbia Pike  
Columbia, MD**

Hi Jim:

The perc cert plan for 7631 Old Columbia Pike has been reviewed with the following comments;

- 1.) Eliminate any symbol in legend that isn't applicable to this plan
- 2.) Add general note, the existing well must be properly abandoned and documentation sent to the Health Department prior to the approval of the building permit.
- 3.) Change purpose statement to read, the purpose of this plan is to establish a sewage disposal area large enough to fit 3 systems for the planned residence.
- 4.) Change signature block to read, Approved for public water and private sewerage system.
- 5.) Add general note, Existing septic system must be pumped prior to demolishing the house and properly abandoned prior to the approval of the new septic system permit.

Should you have any concerns or questions, please don't hesitate contact me.

Respectfully,

*Hank Oswald*

Hank Oswald, L.E.H.S  
Bureau of Environmental Health  
Well & Septic Program

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, July 31, 2017 1:14 PM  
**To:** surveysinc@verizon.net  
**Subject:** 7631 Old Columbia Pike  
**Attachments:** Perc Cert Plan Comments\_7631 Old Columbia Pike\_7.31.17.pdf

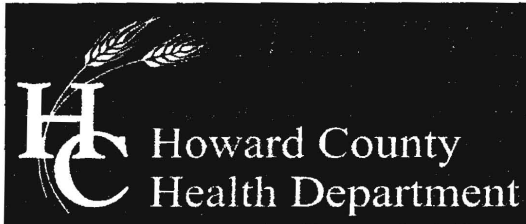
Surveys Inc.

Attached, please find comments pertaining to the perc cert plan for 7631 Old Columbia Pike. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

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

---

May 12, 2017

To: Wendell Brown (Owner); Surveys Inc. (Engineer)

Percolation Test Report; 7631 Old Columbia Pike, Laurel, MD 20723

Percolation tests were conducted at 7631 Old Columbia Pike (Tax Map 41, Grid 17, and Parcel 9) on May 10, 2017. Tests and profile descriptions were documented for 5 locations. All 5 test holes passed.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil condition. The area must be at least 10,000 square feet and large enough to accommodate 3 systems for the planned residence.

The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the septic reserve areas.

Should you have any questions regarding this evaluation please contact me. I may be reached at (410) 313-1786 or by email [hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

Respectfully,

*Hank Oswald*

Hank Oswald, L.E.H.S  
Bureau of Environmental Health  
Well & Septic Program

Attachment: Percolation Field Notes

Not To Scale

A/P A.S.G. 001

P.T. 2

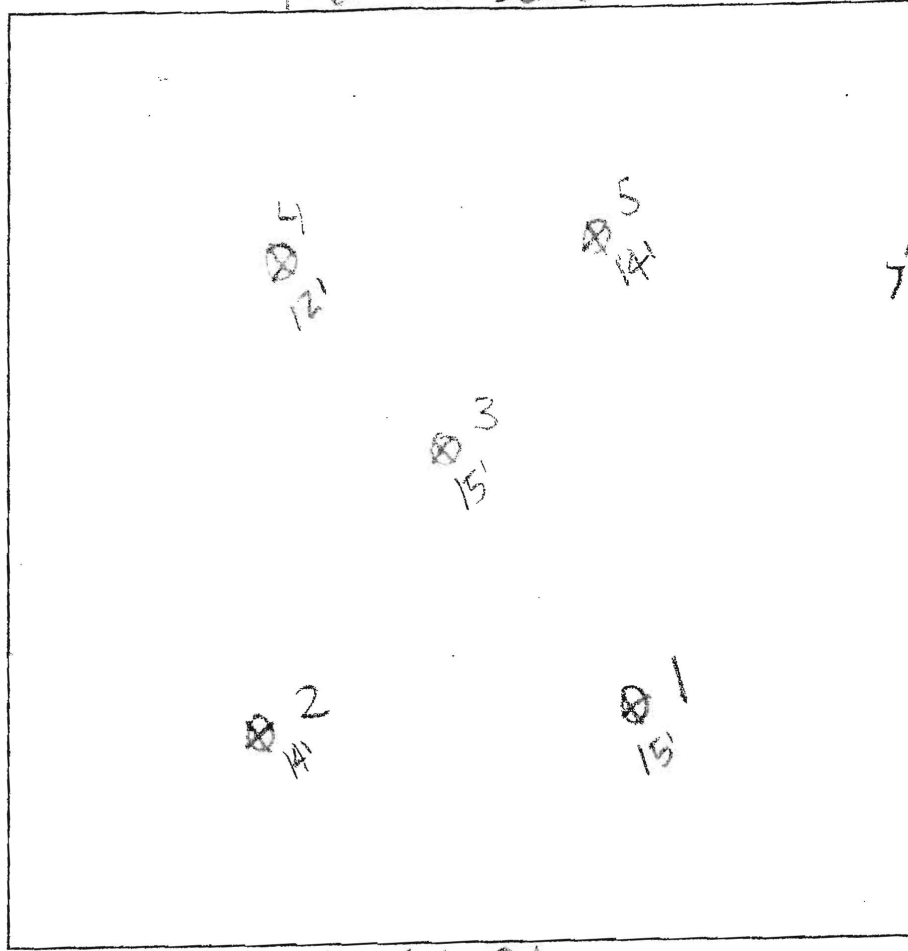
br - drk br  
cl fine  
roots  
0.10  
red sl  
v. friable  
red roots  
many mica  
red yel  
sl  
many  
mica  
dig

P.T. 1

br sl  
yel red  
sl  
v. friable  
yel red  
fsl  
w/ ls  
15'  
dry

P.T. 3

br sl  
tan "white"  
ls w/  
mica  
v. friable  
tan  
fsl  
much  
mica  
5'



Old Col Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/10/17	2	4.10 / 14	9:06	9:07	9:10	3	P
5/10/17	1	4.8 / 15'	9:14	9:16	9:20	4	P
5/10	3	3.8 / 15'	9:22	9:32	9:50	18	P
5/10	4	4.8 / 12'	9:33	9:35	9:37	2	P
5/10	5	4.0 / 14'	9:38	9:39	9:42	3	P

P.T. 4

drk br  
f. roots  
br red  
sl  
med. root - 5'  
yel sl  
much  
mica  
12' dry

P.T. 5

br sl  
yel red  
sl  
tan cl  
6' 7'  
ls  
much mica  
14' dig

REMARKS \_\_\_\_\_

SANITARIAN H. Oswald BACKHOE Flatfield OTHERS Hsmc w/c

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, May 12, 2017 8:58 AM  
**To:** surveysinc@verizon.net; 'wbrown713@gmail.com'  
**Subject:** Perc Test Results  
**Attachments:** Perc Test Report\_7631 Old Columbia Road\_5.12.17.pdf; perc test notes\_5.10.17.pdf

Attached, please find the perc test results for 7631 Old Columbia Road. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
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**Maura J. Rossman, M.D., Health Officer**

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The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the septic reserve areas.

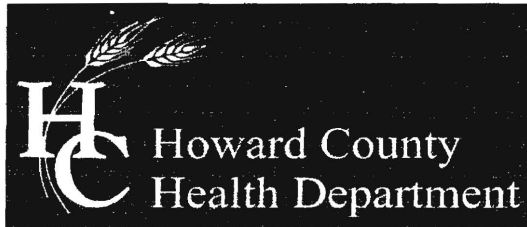
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Respectfully,

*Hank Oswald*

Hank Oswald, L.E.H.S  
Bureau of Environmental Health  
Well & Septic Program

Attachment: Percolation Field Notes



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Respectfully,

*Hank Oswald*

Hank Oswald, L.E.H.S.  
Bureau of Environmental Health  
Well & Septic Program

Attachment: Percolation Field Notes



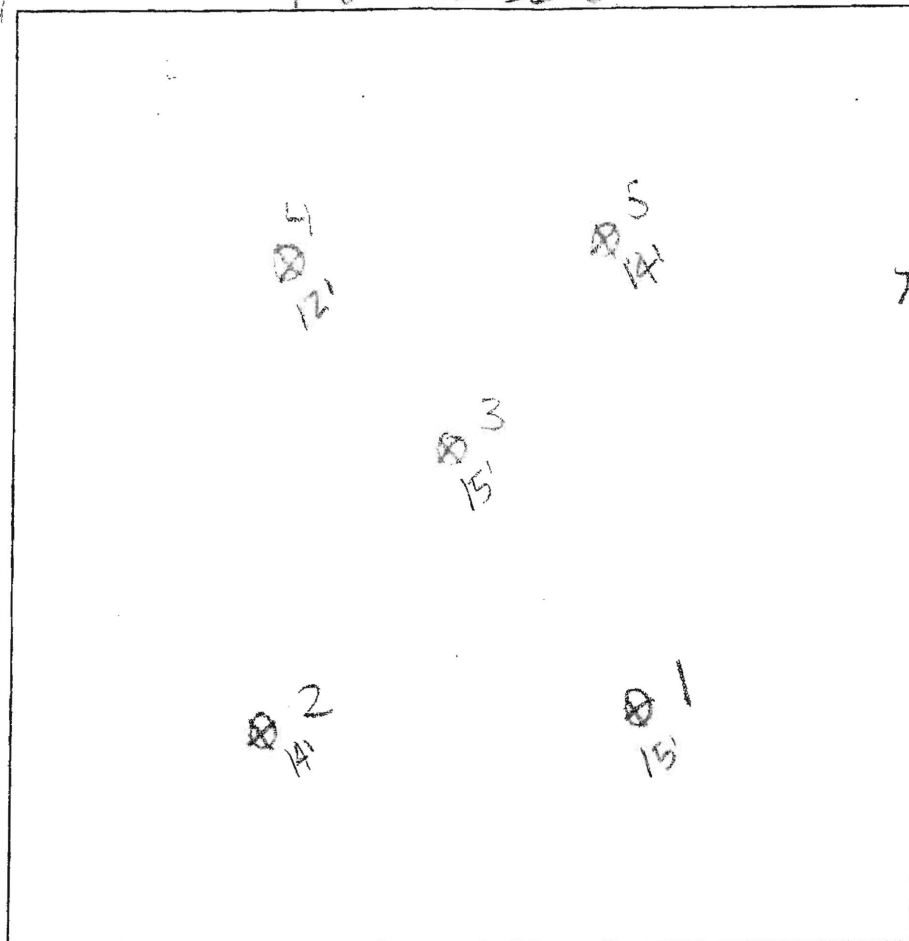
Not To Scale

P.T. 4

A/P A. S. G. 0611

P.T. 2

br - drk br  
sl fine  
rocks  
red sl  
v. friable  
red roots  
many mica  
red yel  
sl  
many  
mica  
dry



drk br  
fs bk  
f. roots  
br red  
sl  
med. root -5'  
yel sl  
much  
mica  
dry

P.T. 1

br sl  
yel red  
sl  
v. friable  
yel red  
fs  
w/ ls  
dry

Old Col Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
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5/10/17	1	4.8/15	9:14	9:16	9:20	4	P
5/10	3	3.8/15	9:22	9:32	9:50	18	P
5/10	4	4.8/12	9:33	9:35	9:37	2	P
5/10	5	4.0/14	9:38	9:39	9:42	3	P

P.T. 5

br sl  
yel red  
sl  
tan  
ls  
much mica  
dry

P.T. 3

br sl  
tan "white"  
ls w/  
mica  
v. friable  
tan  
fs  
much  
mica

REMARKS

SANITARIAN H. Oswald BACKHOE Flatfields OTHERS Homeowner

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, May 01, 2017 1:50 PM  
**To:** surveysinc@verizon.net  
**Subject:** Perc Test\_Brown Property  
**Attachments:** Brown Property.pdf

Hi Greg:

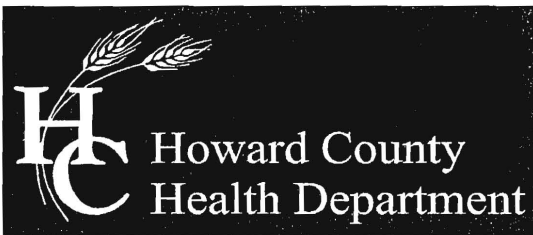
The lot lines on the perc test plan submitted for the Brown Property do not match the lot lines on GIS. Please see attachment. I would like to get this scheduled for next Wednesday May 10<sup>th</sup> starting at 830 but I would need to see a revised plan by the end of the week. Also, please add the soil units to the plan.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
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Maura J. Rossman, M.D., Health Officer

---

October 3, 2017

Homeowner  
7631 Old Columbia Pike  
Laurel, MD 20723

Dear Homeowner,

Based on your well's close proximity to a salt dome, the Health Department would like to collect samples for testing for sodium, chloride, and total dissolved solids (TDS).

Elevated sodium levels in drinking water could affect individuals on low-salt diets. Chloride and TDS are secondary contaminants, meaning high concentrations can affect taste, color, odor, or corrosivity of water but present no risk to health.

In most cases, samples can be collected from an outdoor tap on the property and the Health Department would not need anyone to be home during sample collection.

There is no charge for the testing. Please contact me at the email or number below with any questions and to schedule sample collection.

Sincerely,

A handwritten signature in cursive script that reads 'Sarah Collins'.

Sarah Collins, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
[SCollins@howardcountymd.gov](mailto:SCollins@howardcountymd.gov)  
410-313-6287

Cc: *Community Hygiene Program*  
*File*



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

---

October 16, 2017

Surveys, Inc  
350 Main Street  
Laurel, MD 20707

*Sent via email to: [surveysinc@verizon.net](mailto:surveysinc@verizon.net)*

**RE: Brown Property  
OSDS Plan  
7631 Old Columbia Pike**

Surveys Inc:

The OSDS Plan for 7631 Old Columbia Pike has been reviewed with the following comments:

- 1.) Septic trench depth cannot exceed 8 feet. Please see attached septic specs and make necessary changes to the trench calculations. Initial trench will need about 52 feet, 1<sup>st</sup> replacement will need 110 feet and, the 2<sup>nd</sup> replacement will need 60 feet.
- 2.) Remove general note #11 from plan as it does not apply.
- 3.) Combine notes #15 and #16 to match perc cert note #14.
- 4.) Add Health Department notes 1 – 3 from perc cert to OSDS plan.

Should you have any questions, please don't hesitate to ask.

Respectfully,

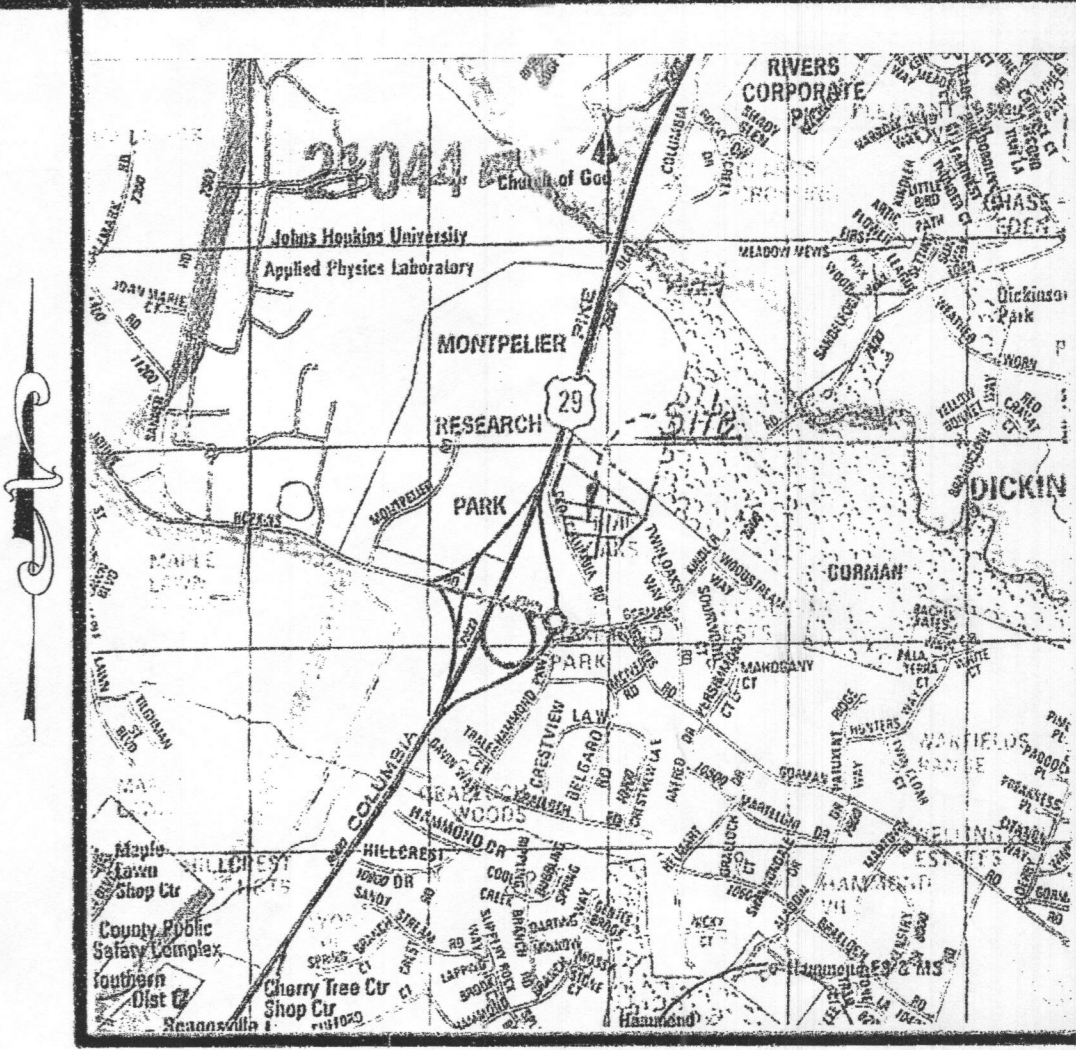
*Hank Oswald*

Hank Oswald, L.E.H.S  
Bureau of Environmental Health  
Well & Septic Program

# LEGEND

These standard symbols will be found in the drawing.

- x EX. ELEVATIONS
- EX. CURB TOP
- EX. WOODLINE  
SPECIFIC TREES
- E - E.L.P.C. LINE
- P. ROAD
- PASSING PIRK TEST LOCATIONS
- SOILS DELINEATION LINE



## VICINITY MAP

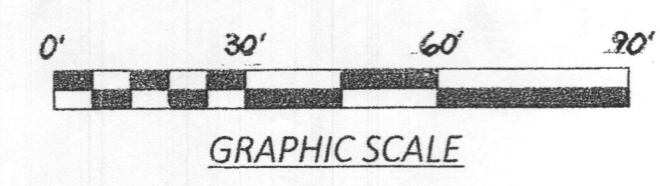
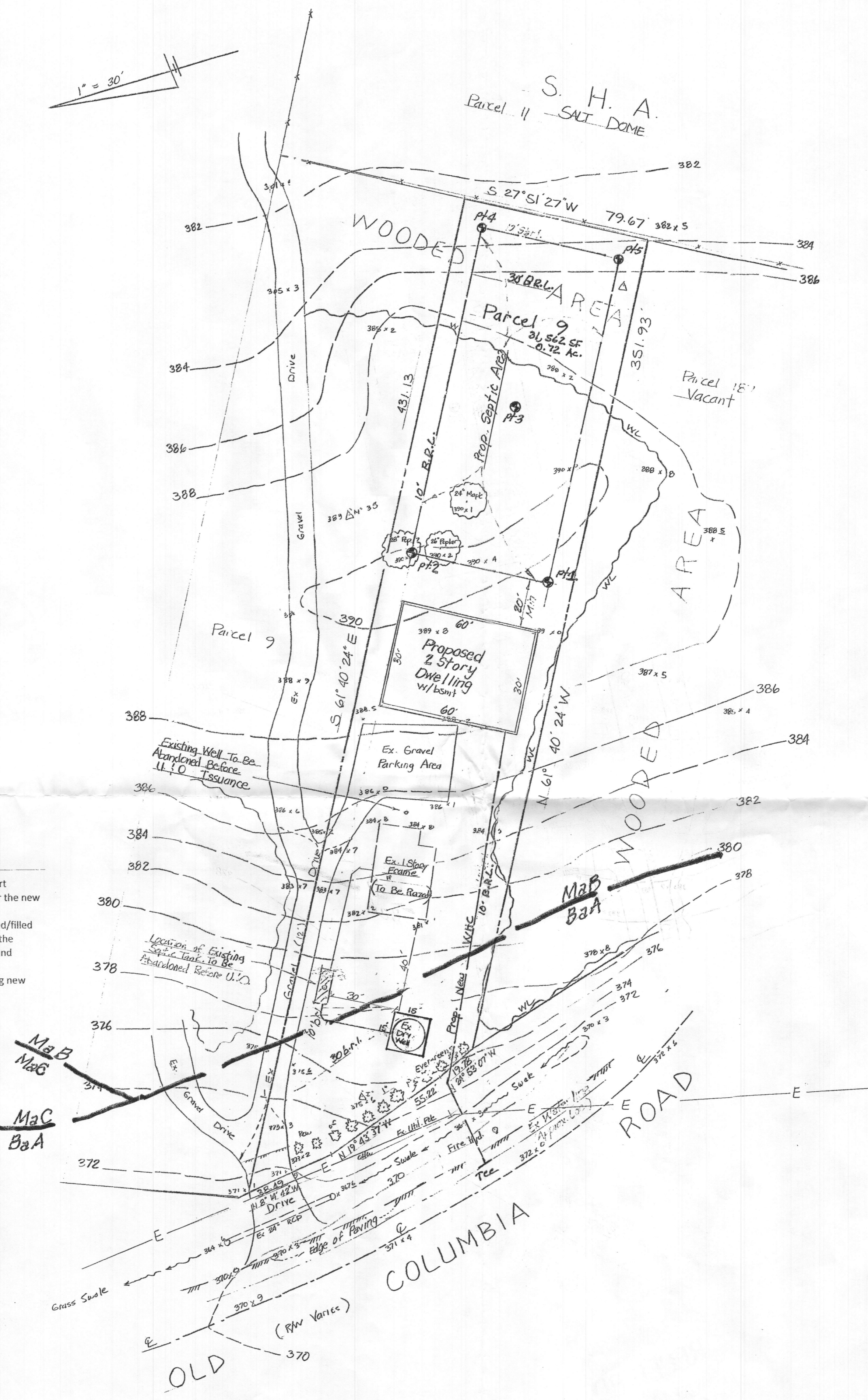
SCALE: 1"=2000'  
COPYRIGHT: A.D.C., "THE MAP PEOPLE" PERMITTED USE No 20492158

### GENERAL NOTES:

1. SITE ZONED: R-20.
2. AREA OF SITE: 31,562 SF OR 0.7246 AC.
3. SITE IS LOCATED ON TAX MAP 41, GRID 17, PARCEL 8.
4. SITE IS LOCATED ON ADC MAP PAGE 19, GRID C-3.
5. PROPERTY ACCOUNT NUMBER: 408680.
6. WATER TO BE PUBLIC AND SEWER IS TO BE PRIVATE.
7. OWNER: Wendell Brown, Trustee  
7631 Old Columbia Road  
Laurel, Md. 20723
9. PROPERTY DESCRIPTION: DEED LIBER 16803 AT FOLIO 361.
10. ANY CHANGES TO A PRIVATE SEWER EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
11. TOPOGRAPHY FIELD SHOT BY SURVEY'S INC. MARCH 1, 2017.
12. PER FEMA FLOOD INSURANCE RATE MAP, PROPERTY IS IN ZONE X, COMMUNITY PANEL NUMBER 24027C0145D.
13. PROPERTY ADDRESS: 7631 Old Columbia Road Laurel, Md. 20707
14. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' FEET DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
15. EXISTING WELL TO BE ABANDONED

### HEALTH DEPARTMENT NOTES

1. The existing well must be properly sealed by a licensed well driller and an abandonment permit submitted to the Health Department for review prior to Health approval of a septic permit for the new house and approval of a Use and Occupancy permit.
2. The existing septic tank and drywell must be pumped out by a licensed sewage hauler, crushed/filled with dirt or stone and documentation of abandonment on company letterhead submitted to the Health Department for review prior to Health approval of a septic permit for the new house and approval of a Use and Occupancy permit.
3. The existing well and septic system components must be fenced off to prevent damage during new house construction prior to Health approval of the building permit for the new house.



**OWNER/DEVELOPER**  
Wendell Brown, Trustee  
7631 Old Columbia Road  
Laurel, MD. 20723

CALL "MISS UTILITY" TELEPHONE NUMBER 1-800-257-7777 FOR UTILITY LOCATIONS AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION.

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEM  
*Richard J. Law* 9/29/17  
Health Officer, Howard County Health Department Date

**MDE Sewage Area Statement**  
This area designate a private sewage disposal area as required by The Maryland Department of Environment for individual sewage disposal; Improvement of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage 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.

I HEREBY 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.  
8-1-17  
DATE  
GREGORY C. BENEFIELD  
REGISTERED PROFESSIONAL LAND SURVEYOR, MD. No. 10594  
LICENSE EXPIRATION AUG. 8, 2018



**PURPOSE STATEMENT**  
The purpose of this plan is to establish a sewage disposal area large enough to fit 3 systems for the planned residence.

**SURVEYS, INC.**  
SURVEYORS \* ENGINEERS \* LAND PLANNERS  
PERMIT SERVICES  
350 MAIN STREET  
LAUREL, MARYLAND, 20707  
PHONE 301-716-2594 FAX 301-716-0443 E-MAIL SURVEYS@OVERZON.NET

DATE	REVISION
5-2-17	Add soils info.
8-1-17	HD Comments
8-29-17	HD Comments
9-14-17	HD Comments
9-18-17	Add Existing Dry Well

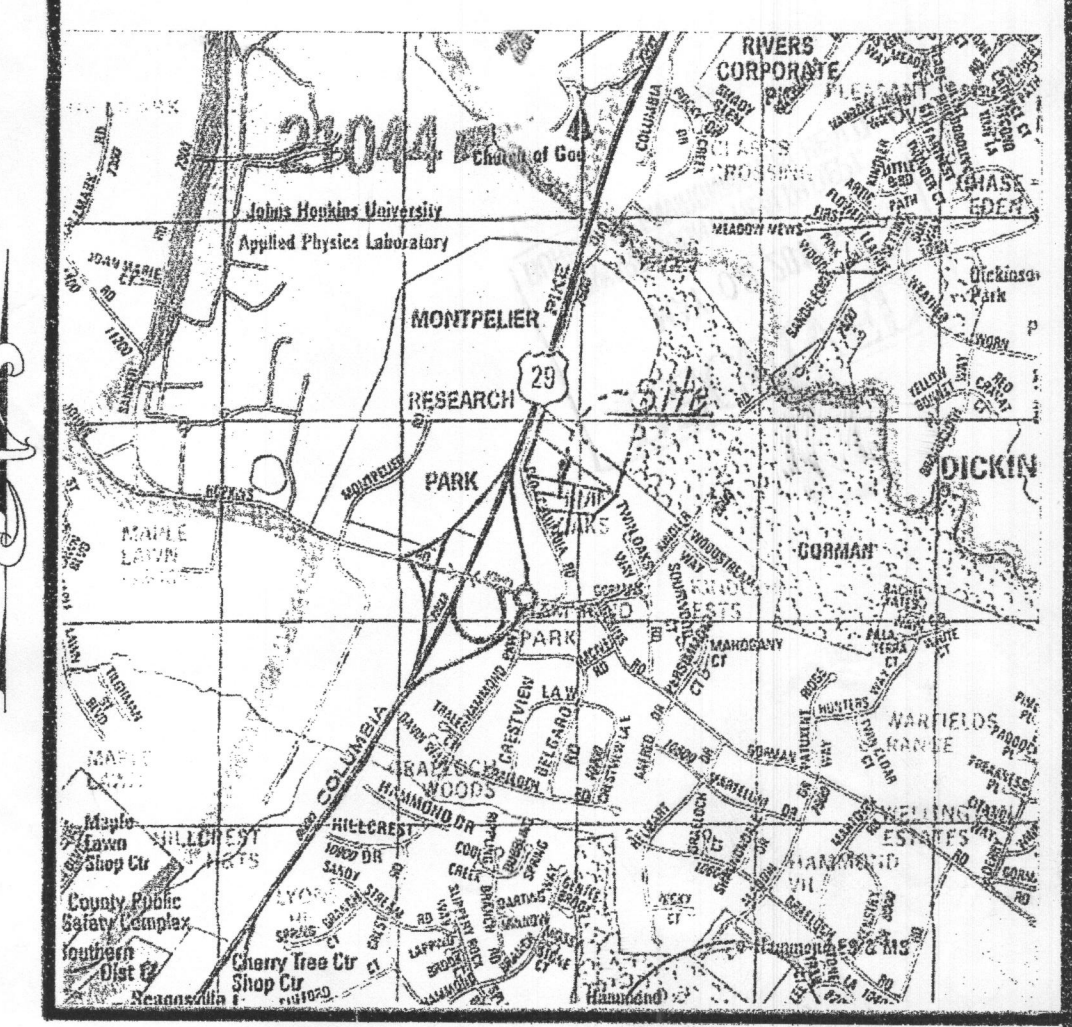
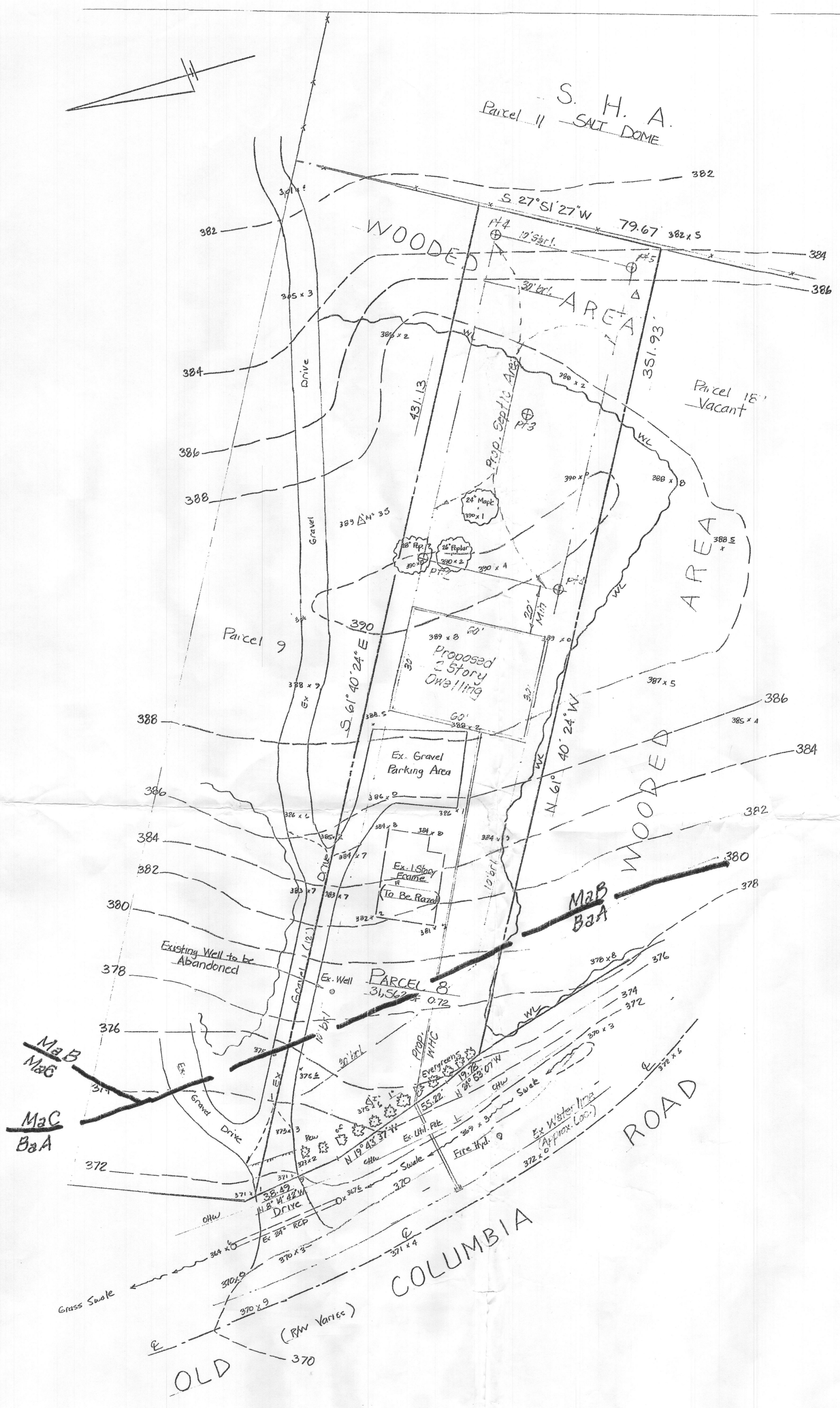
**PERCOLATION CERTIFICATION PLAN**  
7631 Old Columbia Pike  
Tax Map 41, Grid 17, Parcel 9  
**BROWN PROPERTY**  
6th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE	DESIGNER	CHECKED BY
1"=30'	TO	GB
DATE	DRAFTER	FIELD BOOK
MARCH 2017	TO	
JOB NUMBER	SHEET NUMBER	FILE NUMBER
16-41	1 OF 1	L-441

# LEGEND

These standard symbols will be found in the drawing.

- x EX. ELEVATIONS
- + PROP. ELEVATIONS
- EX. CONTOURS
- PROP. CONTOURS
- EX. WOODLINE
- SPECIFIC TREES
- STREAM/CREEK
- E - ELEC. LINE
- FD. ROAD
- SPEC. FENCE
- 25% SLOPES OR GREATER
- PASSING PERK TEST LOCATIONS
- SOILS DELINEATION LINE



## VICINITY MAP

SCALE: 1"=200'  
 COPYRIGHT: A.D.C., "THE MAP PEOPLE" PERMITTED USE No. 20492158

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Laurel, Md. 20723
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11. ALL WELLS ARE TO BE DRILLED PRIOR TO PERMIT ISSUANCE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE WELL DRILLING PRIOR TO PERMIT ISSUANCE. IT WILL NOT BE CONSIDERED GOVERNMENT DELAY IF THE WELL DRILLING HOLDS UP TO THE HEALTH DEPARTMENT SIGNATURE OF THE PERMIT.
12. TOPOGRAPHY FIELD SHOT BY SURVEY'S INC. MARCH 1, 2017.
13. PER FEMA FLOOD INSURANCE RATE MAP, PROPERTY IS IN ZONE X, COMMUNITY PANEL NUMBER 240270145D.
14. PROPERTY ADDRESS: 7631 Old Columbia Road Laurel, Md. 20707
15. BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
16. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY
17. EXISTING WELL TO BE ABANDONED

### PURPOSE STATEMENT

The purpose of this plan is to establish a 10,000 plus/minus sf. sewage disposal area on this lot.

**SURVEYS, INC.**  
 SURVEYORS \* ENGINEERS \* LAND PLANNERS  
 PERMIT SERVICES  
 350 MAIN STREET  
 LAUREL, MARYLAND, 20707  
 PHONE 301-716-0561 FAX 301-716-0462 E-MAIL SURVEYS@GVERIZON.NET

DATE	REVISION
5-2-17	Add soils info.

### PERCOLATION TEST PLAN

7631 Old Columbia Pike  
 Tax Map 41, Grid 17, Parcel 9  
**BROWN PROPERTY**

6th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE	DESIGNER	CHECKED BY
1"=30'		GB
DATE	DRAFTER	FIELD BOOK
MARCH 2017		
JOB NUMBER	SHEET NUMBER	FILE NUMBER
16-41	1 OF 1	L-441

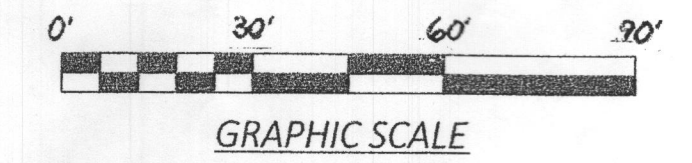
OWNER/DEVELOPER

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APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS

Health Officer, Howard County Health Dept. Date

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April 18 2017 DATE

REGINA C. BENEFIS  
 REGISTERED PROFESSIONAL LAND SURVEYOR, MD. No. 10994  
 LICENSE EXPIRATION AUG. 8, 2018

