

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 TAYLOR PROPERTY
 PROPERTY ADDRESS CAVEY LANE WOODSTOCK 21163
STREET TOWN ZIP

TAX ACCOUNT # 288137 TAX MAP 11 GRID 13 PARCEL 39 LOT NO. N/A PROPOSED LOT SIZE (ACRES) 1.76
 ZONING CATEGORY RC-DEO TIER

PROPERTY OWNER(S) SCOTT T. TAYLOR
 DAYTIME PHONE 410-461-4572 CELL EMAIL

MAILING ADDRESS 10101 SADDLEBROOK FARM TRAIL WOODSTOCK, MD 21163
STREET CITY, STATE ZIP

APPLICANT MARK SWEADNER RELATIONSHIP TO OWNER: CONSULTANT

DAYTIME PHONE 410-997-0296 CELL 410-440-7339 MAIL MSWEADNER@MBA-ENG.COM

MAILING ADDRESS 7350-B GRACE DRIVE COLUMBIA, MD 21044
STREET CITY, STATE ZIP

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PH. OR 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 5 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.

Mark Sweadner 10/19/17
SIGNATURE OF APPLICANT DATE

Handwritten notes, mostly illegible due to blurriness. Some words like "needs" and "wait" are faintly visible.

- needs to wait
for wet season
to do lower holes
- or more them

Handwritten notes at the bottom left, illegible.



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

November 6, 2017

To: Scott Taylor (Owner); Mildenberg, Boender & Assoc. (Engineer)

Percolation Test Report; 10380 Cavey Lane

Percolation tests were conducted at 10380 Cavey Lane (Tax Map 11, Grid 13, and Parcel 39) on November 2, 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

Respectfully,

Hank Oswald

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

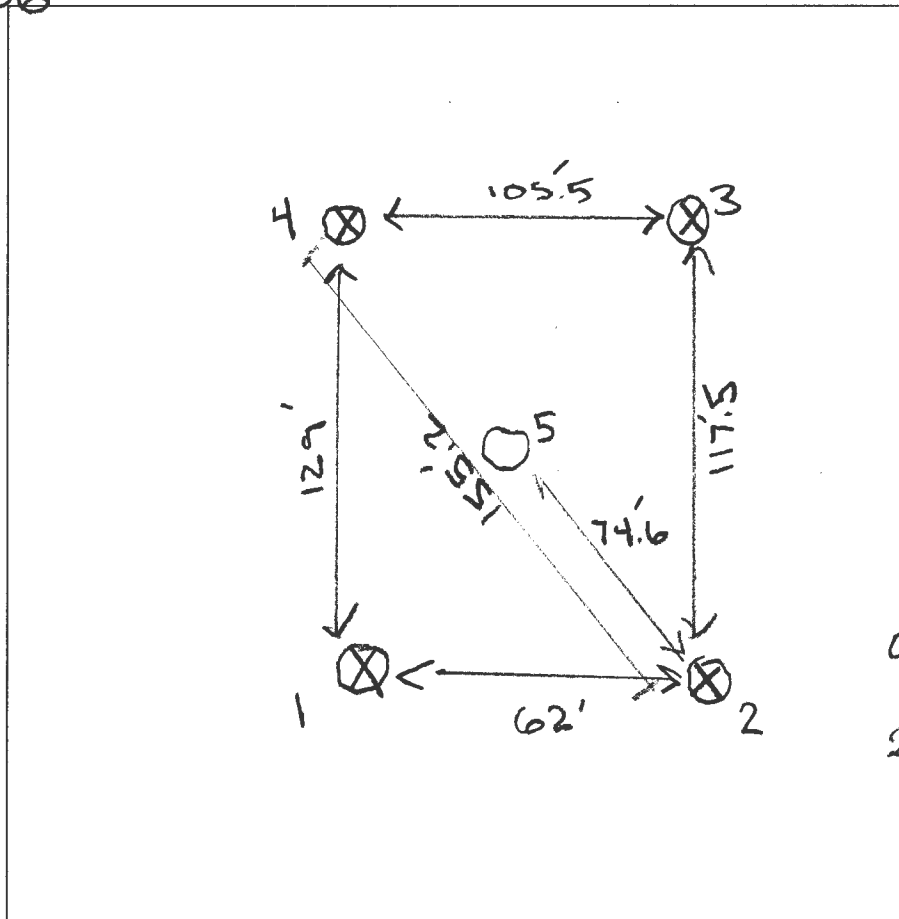
Attachment: Percolation Field Notes

AVP A562306

1
br bk
1
0.4' -
yel Red
scl
2.5" roots to 1'
4' - pocket
saprolite
pale
br
fsl
13' - dry
2

br bk
1
0.6' -
yel Red
scl
2.5" -
pale
br
fsl
12' -
3

br l
0.11' -
yel red
scl
2.5" -
pale
br
sl
pocket
of rocks
@ 3'
12' - dry



4
br l
yel-red
scl
3' -
pale br
fsl
12' - dry
5
br l
0.7" -
yel red
scl
2.6" -
fsl
6' - saprolite
plattly
8' - pale br
fsl
12' - dry

Covey Lane

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/2/17	1	4' / 13'	8:19	8:20	8:22	2	P
11/2/17	2	4' / 12'	8:52	8:53	8:55	2	P
11/2/17	3	4' / 12'3"	9:03	9:04	9:05	Too Fast	
Repair →			9:07	9:08	9:10	2	P
11/2/17	4	4' / 12'	8:28	8:29	8:31	2	P
11/2/17	5	4' / 12'	8:43	8:44	8:46	2	P

REMARKS _____
 SANITARIAN H. Oswald BACKHOE Fogler OTHERS Swires & Eng.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

owner email scott-taylor@juno.com

October 19, 2017

Mr. Jeff Williams, Program Supervisor
Well & Septic Program
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Boulevard
Columbia, Maryland 21045

**RE: Taylor Property
Tax Map 11, Grid 13, Parcel 39**

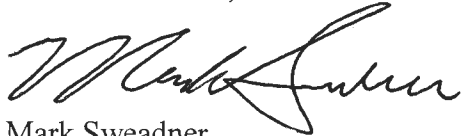
Dear Mr. Williams:

I am hereby forwarding this initial submission for your review and approval. This submission includes the following:

1. Three (3) Percolation Test Plans.
2. One (1) Application for Percolation Testing for Parcel 39.
3. One (1) check for the Applicable Fee.

Thank you for your time and effort in this matter. Should you have any questions or would like any additional information, please do not hesitate to contact this office.

Very truly yours,
MILDENBERG, BOENDER AND ASSOC., INC.



Mark Sweadner
Chief of Surveys

cc: Client

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, January 17, 2018 10:51 AM
To: msweadner@mba-eng.com
Subject: RE: Perc Cert Review Comments_Cavey Lane
Attachments: Septic Specs_Cavey Lane_2018.pdf

Hi Mark:

The perc cert plan was approved on 12/27/17. I am sorry if no one contacted you.

Attached, please find the septic specs for this lot.

Please contact me with any questions.

Respectfully,

Hank

From: Oswald, Hank
Sent: Thursday, December 07, 2017 8:54 AM
To: msweadner@mba-eng.com
Subject: Perc Cert Review Comments_Cavey Lane

Hello Mark:

Attach, please find comments pertaining to the review of Cavey Lane Perc Cert Plan. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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

Memorandum

TO: Mildenberg, Boender and Assoc., LLC
Mark Sweadner

FROM: Hank Oswald
Well & Septic Program

RE: Percolation Certification Plan
10380 Cavey Lane (M.11, P.39)

DATE: December 7, 2017

The Health Department has reviewed the percolation cert plan and has the following comments.

1. Make legend separate from general notes
2. Eliminate any legend symbol that isn't on the plan (i.e. proposed well zone, proposed test holes, failed test holes, marginal test holes etc.)
3. Match legend symbol to plan (i.e. legend symbol for proposed well locations and existing sewage easements do not match plan symbols).
4. Change wording on plan from Sewage Easements to Sewage Disposal Areas.
5. Add a purpose statement to plan.

Please make the requested changes to the plan. Should you have any questions, please don't hesitate to ask.

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, December 07, 2017 8:54 AM
To: msweadner@mba-eng.com
Subject: Perc Cert Review Comments_Cavey Lane
Attachments: Memo_Perc Cert Plan_12.7.17.pdf

Hello Mark:

Attach, please find comments pertaining to the review of Cavey Lane Perc Cert Plan. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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Oswald, Hank

From: Oswald, Hank
Sent: Monday, November 06, 2017 12:56 PM
To: msweadner@mba-eng.com
Cc: 'scott-taylor@juno.com'
Subject: Perc Test Results_10380 Cavey Lane
Attachments: Perc Test Report_10380 Cavey Lane_11.2.2017.pdf; Perc Test Notes_Cavey Lane.pdf; Septic Spec_10380 Cavey Lane.pdf

Attached, please find the perc test results for 10380 Cavey Lane.

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

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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Oswald, Hank

From: Oswald, Hank
Sent: Friday, October 27, 2017 8:45 AM
To: 'msweadner@mba-eng.com'
Subject: Perc Test_Cavey Lane

Hello Mr. Sweadner:

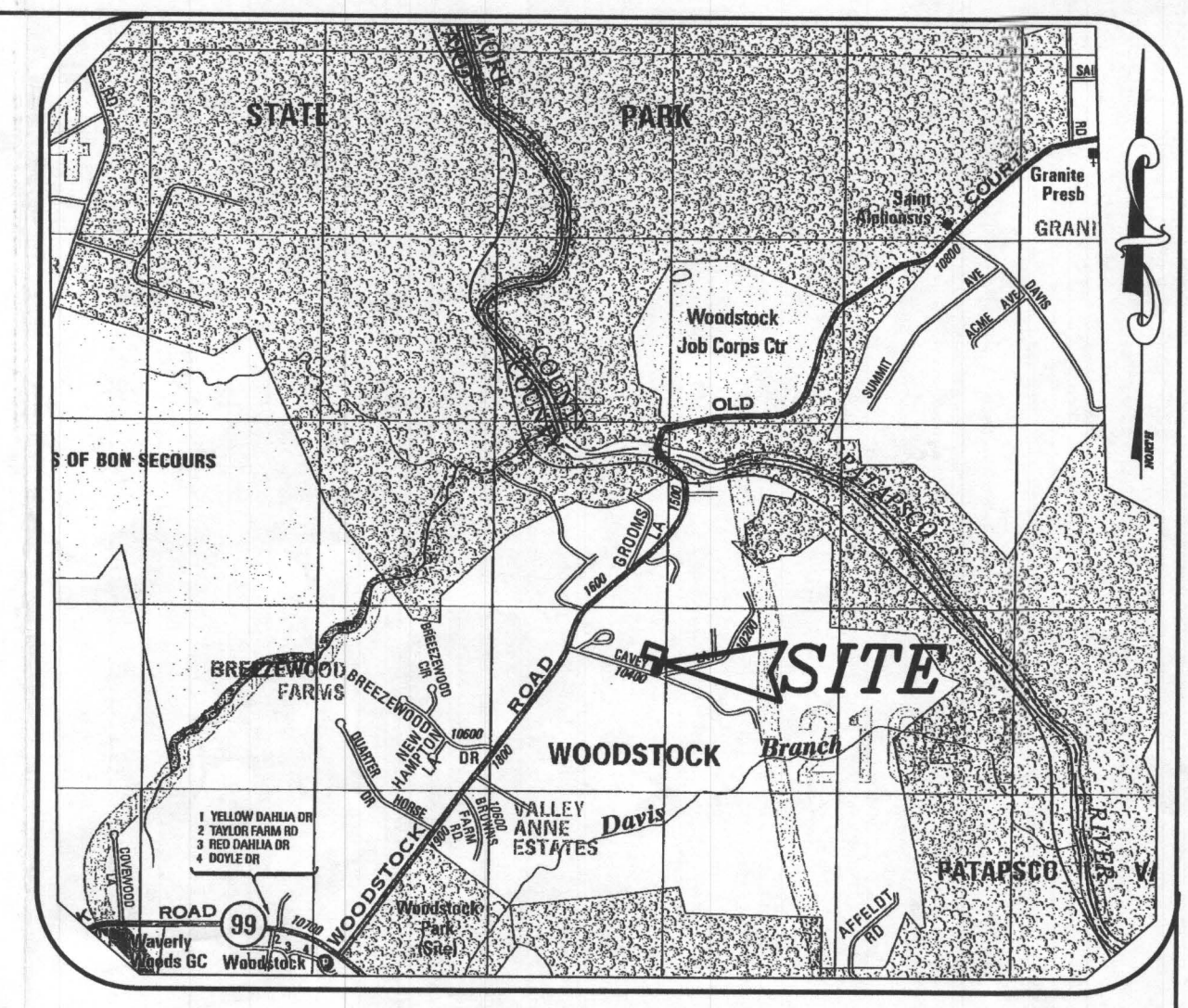
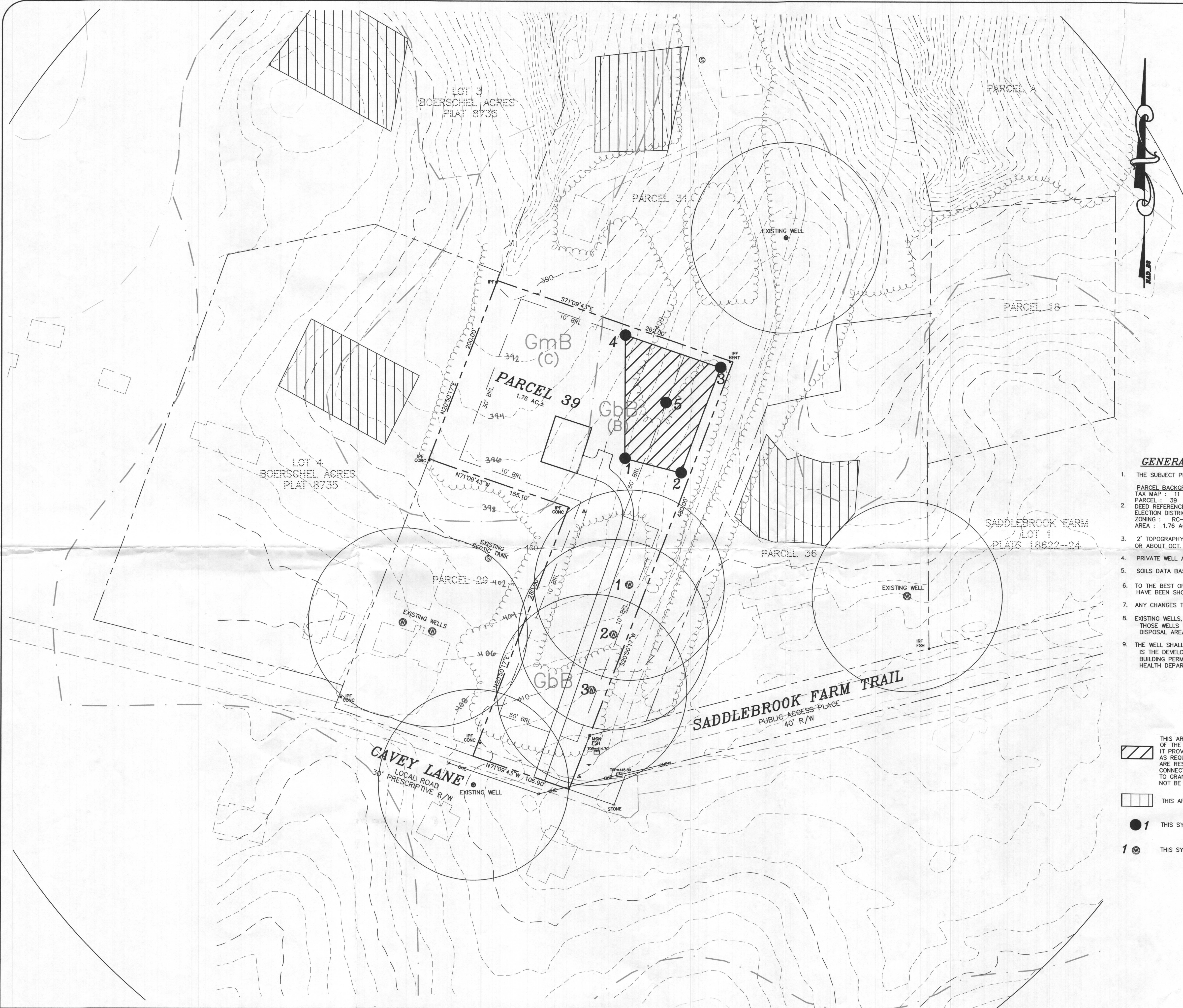
The perc test plan for Cavey Lane shows wet season soil (GmB). We may test the upper 3 holes as early as next week (Tues, Wed, or Thurs) but we will have hold off on the lower 2 holes (#1 and 4) until next wet season unless you move them 25 – 30 feet away.

Please let me know how you wish to proceed.

Thanks,

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)



VICINITY MAP
 SCALE: 1"=2000'
 ADC 6 F-12

GENERAL NOTES:

1. THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 10/06/2013 COMPREHENSIVE ZONING PLAN.
 PARCEL BACKGROUND:
 TAX MAP : 11
 PARCEL : 39
 DEED REFERENCE: LIBER 1587 FOLIO 252
 ELECTION DISTRICT : 3RD
 ZONING : RC-DEO
 AREA : 1.76 ACRES ±
2. 2' TOPOGRAPHY FOR THE DEVELOPED AREAS IS BASED ON A FIELD RUN SURVEY BY MILDENBERG BOENDER AND ASSOC. ON OR ABOUT OCT. 2017. 2' TOPOGRAPHY FOR THE NON-DEVELOPED AREAS IS BASED ON HOWARD COUNTY 200 SCALE MAPS.
3. PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
4. SOILS DATA BASED ON THE USDA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
5. TO THE BEST OF OUR KNOWLEDGE ALL ADJACENT RELEVANT WELL AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
6. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
7. 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.
8. THE WELL SHALL BE DRILLED PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO APPLYING FOR A BUILDING PERMIT. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.

LEGEND

- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL FOR LOTS CREATED PRIOR TO MARCH OF 1972. IT PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SEPTIC SYSTEMS AS REQUIRED BY THE HOWARD COUNTY HEALTH DEPARTMENT. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICERS SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- THIS AREA DESIGNATES AN EXISTING SEWAGE DISPOSAL AREA
- THIS SYMBOL DESIGNATES A PASSING SEPTIC TEST HOLE
- THIS SYMBOL DESIGNATES A PROPOSED WELL LOCATION

PURPOSE STATEMENT

THE PURPOSE OF THIS PLAN IS TO PROVIDE AN APPROVED SEWAGE DISPOSAL AREA FOR A PROPOSED SINGLE FAMILY DWELLING ON PARCEL 39.

approx. perc cert

OWNER

SCOTT TAYLOR
 10101 SADDLEBROOK FARM TRAIL
 WOODSTOCK, MD 21163
 (410) 461-4572

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Madeline Rossman 12/27/2017
 HOWARD COUNTY HEALTH OFFICER DATE

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

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO.: 17942 EXPIRATION DATE: 09/03/2018

R. JACOB HIKMAT 12/7/17
 PROFESSIONAL ENGINEER DATE

SOILS DESCRIPTION

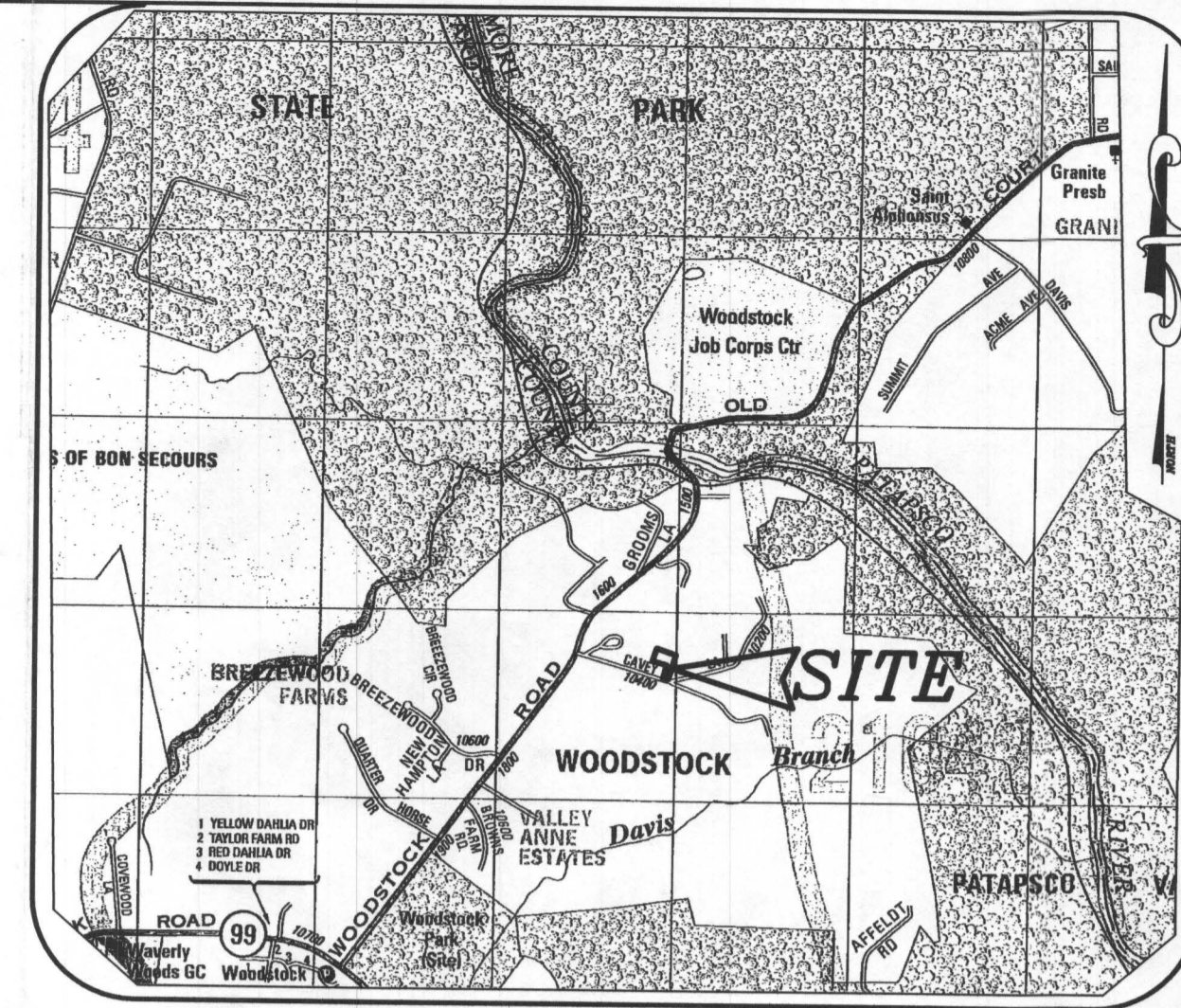
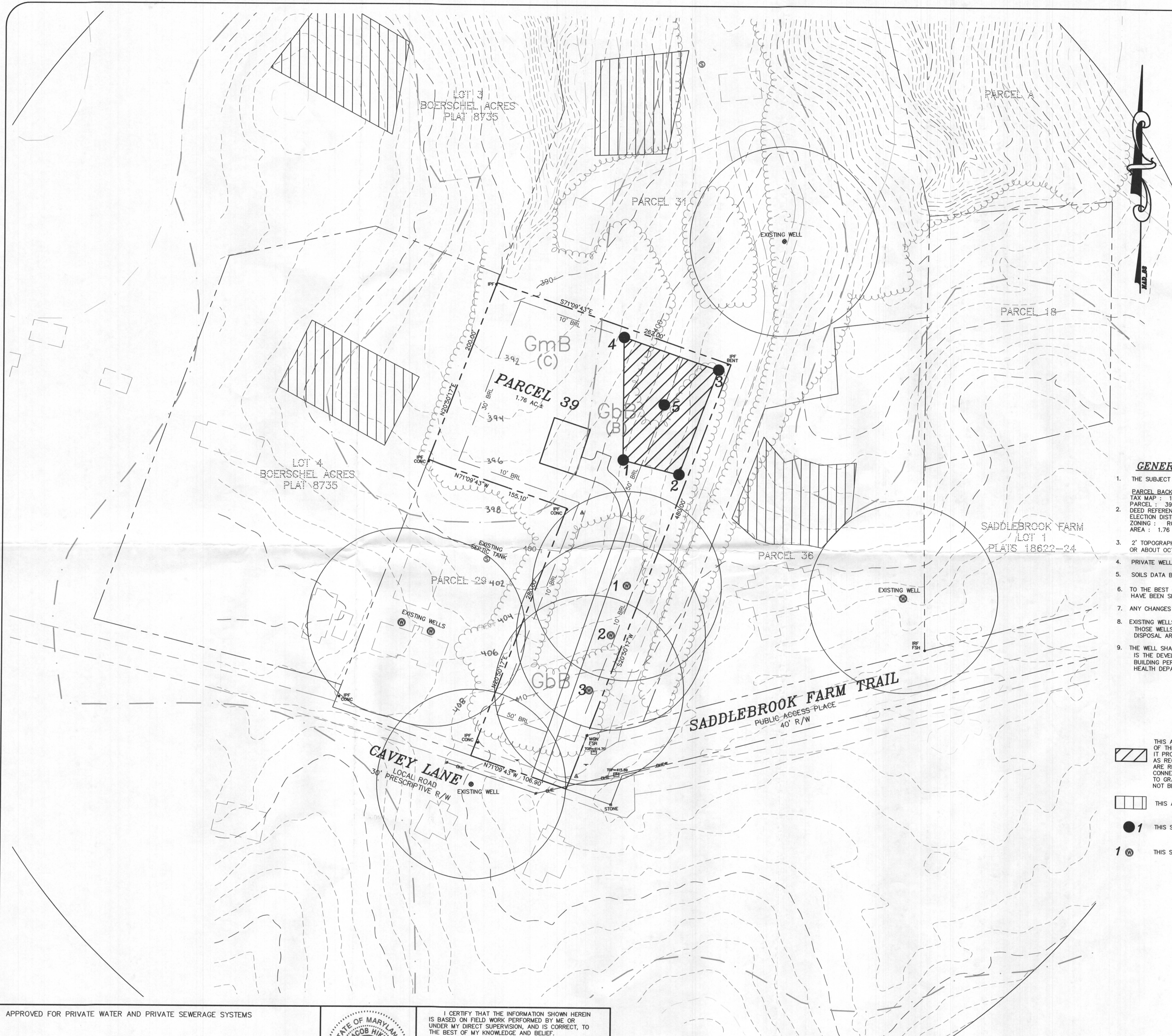
SYMBOL	HYDROLOGICAL GROUP	DESCRIPTION
GmB	C	GLADSTONE LEGORE COMPLEX, 3% TO 8% SLOPES
GbB	B	GLENVILLE SILT LOAM, 3% TO 8% SLOPES

project	17-012
date	OCT 2017
illustration	MES
scale	1"=50'
no.	
description	revisions
date	

no.	
description	revisions
date	

TAYLOR PROPERTY PARCEL 39
 TAX MAP 11, GRID 13, PARCEL 39
 HOWARD COUNTY, MARYLAND
 THIRD ELECTION DISTRICT
 PERCOLATION CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 7350-B Grace Drive, Columbia, MD 21044
 (410) 997-0296 Cell (410) 997-0288 Fax



VICINITY MAP

SCALE: 1"=2000'
ADC 6 F-12

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WOODSTOCK, MD 21163
(410) 461-4572

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

Robert M. Rosman 12/27/2017
HOWARD COUNTY HEALTH OFFICER DATE



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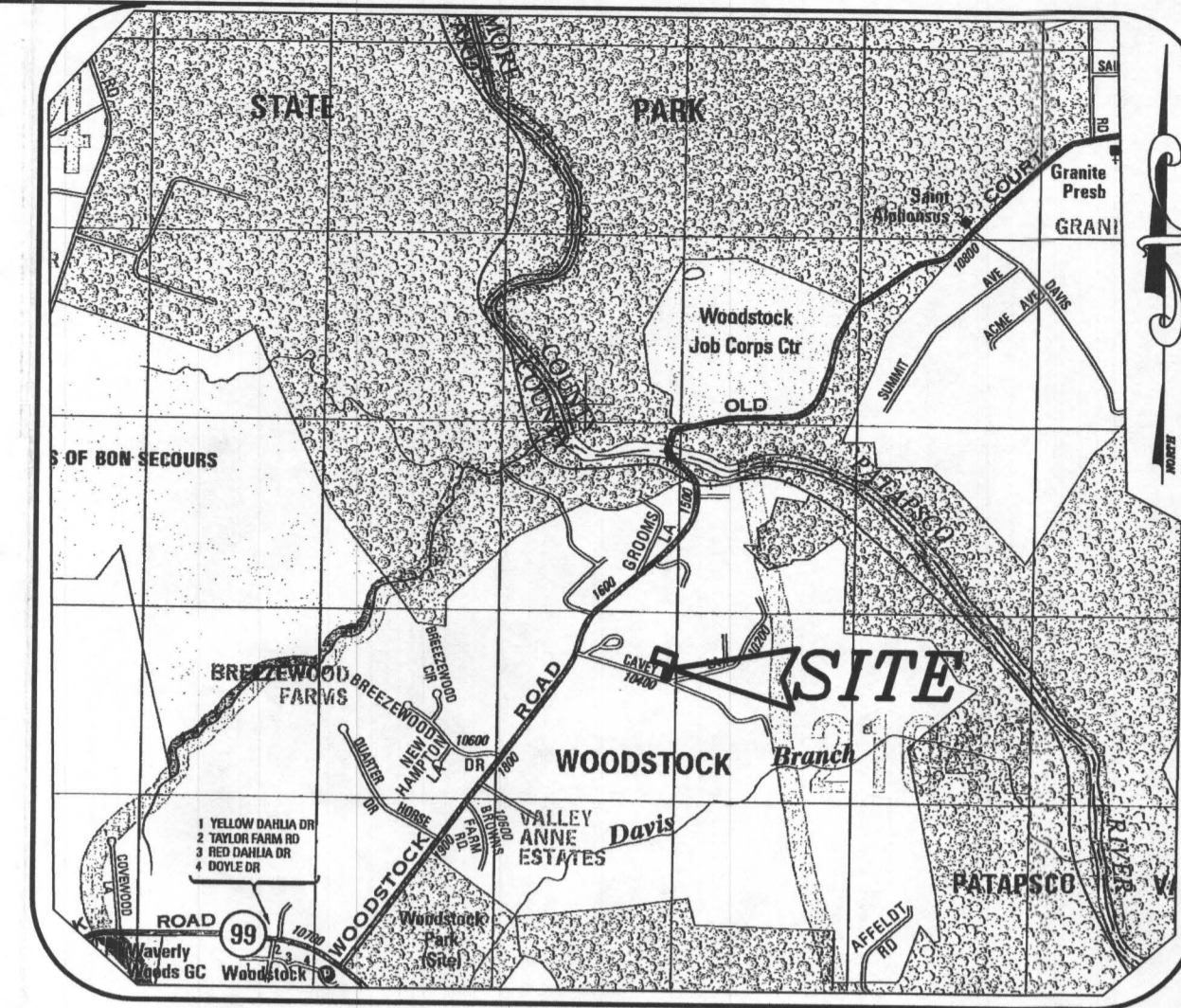
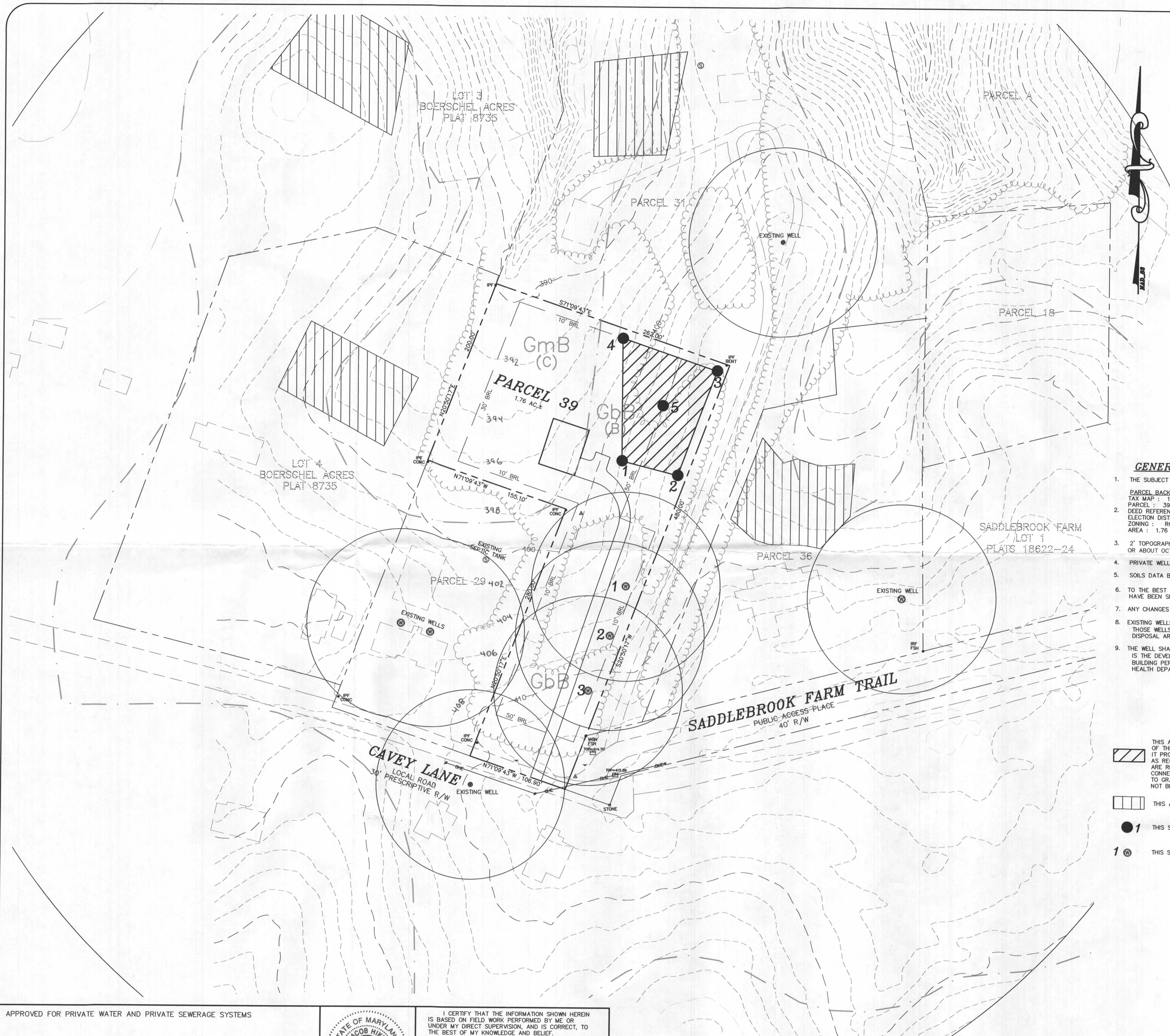
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date	OCT 2017
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illustration	MES
scale	MES
approval	MES
revision	RH

no.	description	date

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THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
PERCOLATION CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7550-R Grace Drive, Columbia, MD 21044
(410) 997-0296 (cell) (410) 997-0298 Fax



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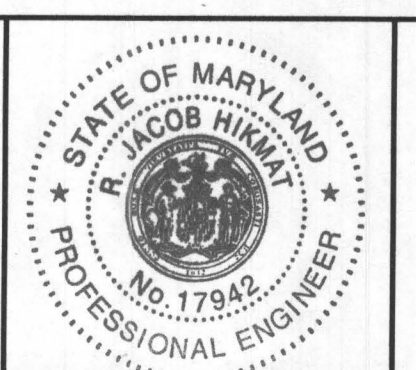
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OWNER

SCOTT TAYLOR
10101 SADDLEBROOK FARM TRAIL
WOODSTOCK, MD 21163
(410) 461-4572

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

Robert M. Rosman 12/27/2017
HOWARD COUNTY HEALTH OFFICER DATE



I CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.
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.: 17942 EXPIRATION DATE: 08/03/2018
R. JACOB HIKMAT 12/7/17
DATE

SOILS DESCRIPTION

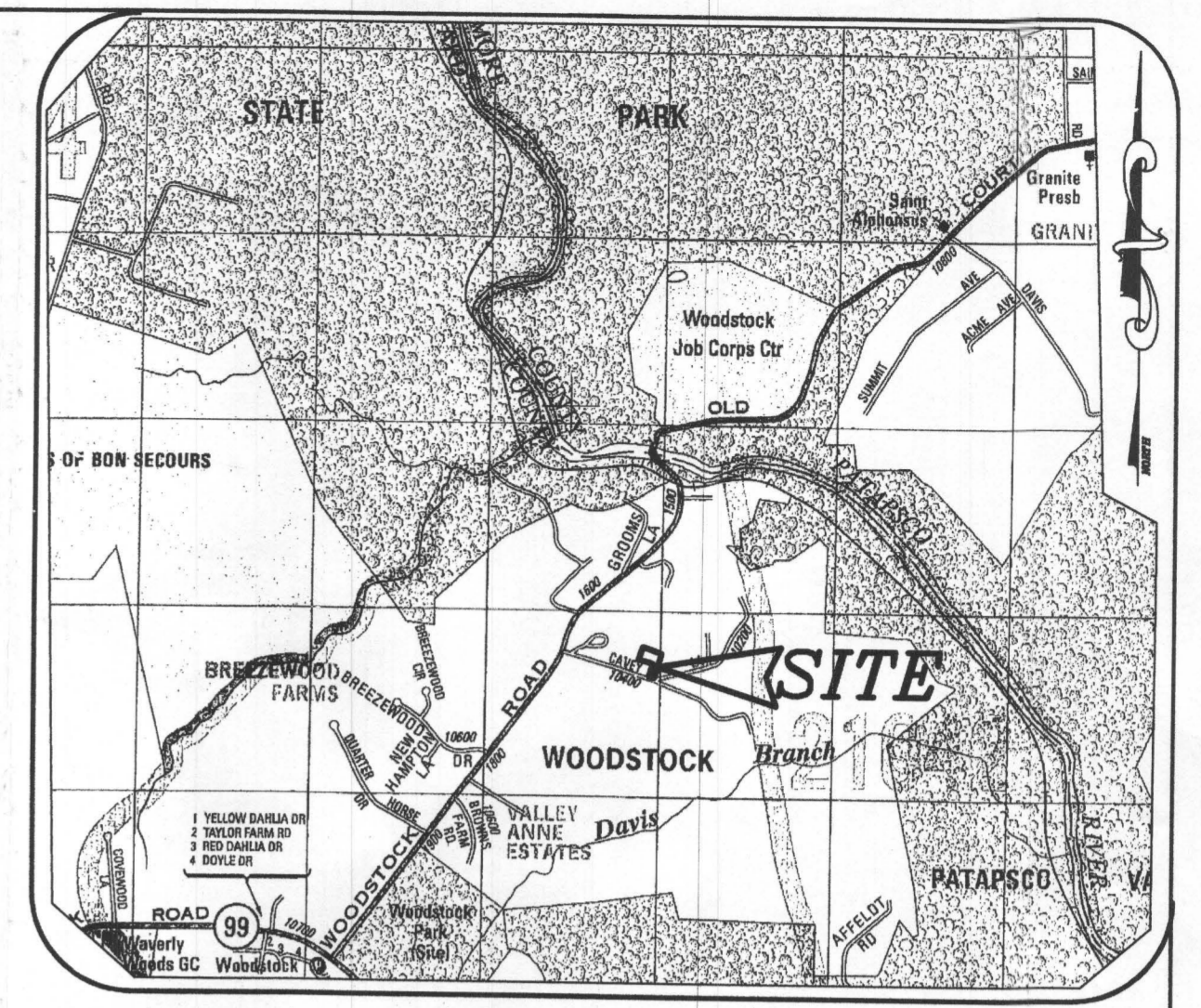
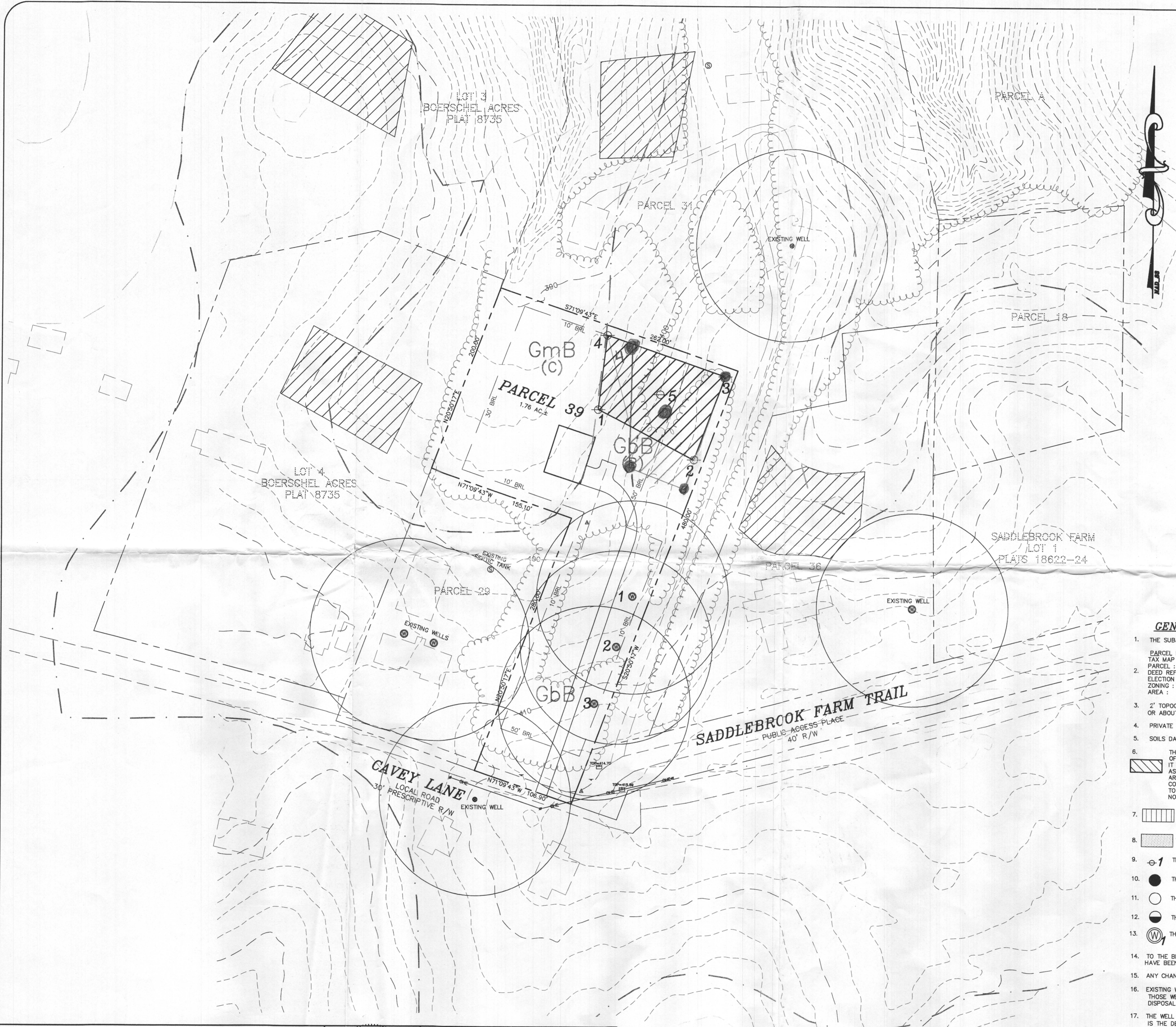
SYMBOL	HYDROLOGICAL GROUP	DESCRIPTION
GmB	C	GLADSTONE LEGORE COMPLEX, 3% TO 8% SLOPES
GbB	B	GLENVILLE SILT LOAM, 3% TO 8% SLOPES

date	OCT 2017
project	17-012
illustration	MES
scale	1"=50'
approval	MES
revision	RJH

no.	description	date

TAYLOR PROPERTY PARCEL 39
TAX MAP 11, GRID 13, PARCEL 39
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
PERCOLATION CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7550-R Grace Drive, Columbia, MD 21044
(410) 997-0296 (cell) (410) 997-0298 Fax



VICINITY MAP

SCALE: 1"=2000'
ADC 6 F-12

Project	17-012	date	OCT 2017
Illustration	MES	engineering	MES
scale	1"=50'	approval	RH
no.		description	revisions
		date	

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GENERAL NOTES:

- THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 10/06/2013 COMPREHENSIVE ZONING PLAN.
PARCEL BACKGROUND:
TAX MAP : 11
PARCEL : 39
DEED REFERENCE: LIBER 1687 FOLIO 252
ELECTION DISTRICT : 3RD
ZONING : RC-DEO
AREA : 1.76 ACRES ±
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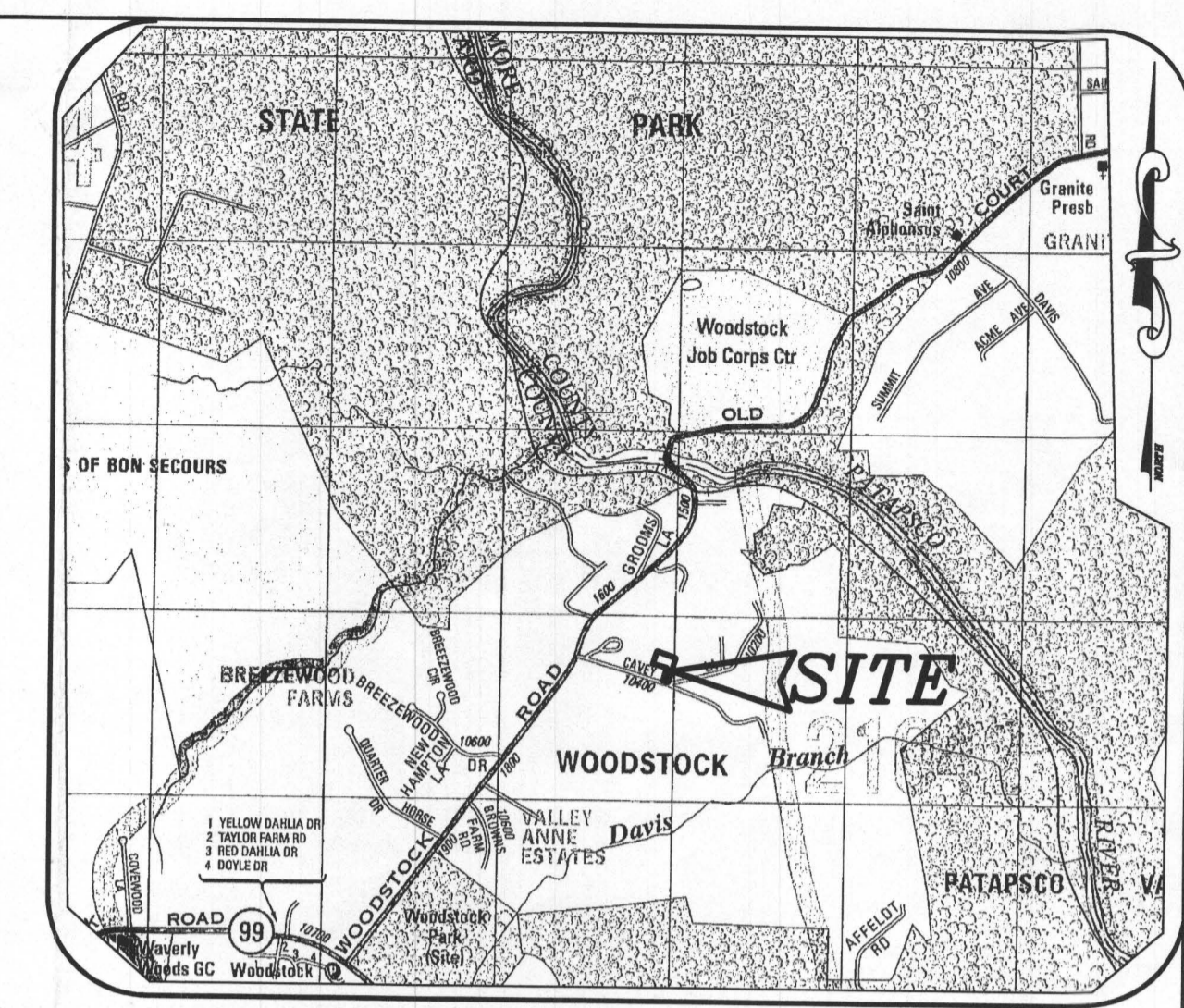
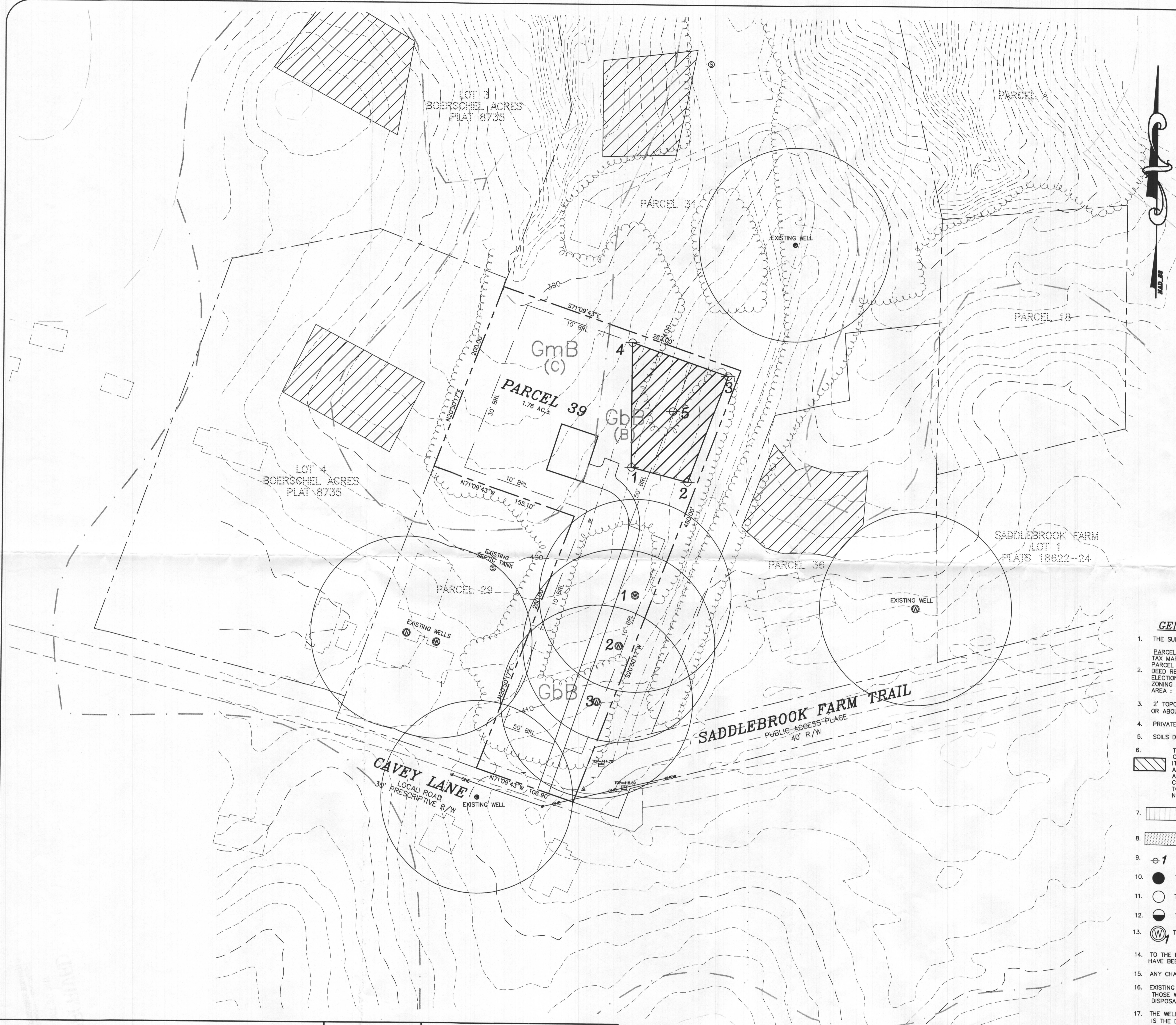
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R. JACOB HIKMAT DATE: 10/19/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH OFFICER DATE

OWNER

SCOTT TAYLOR
10101 SADDLEBROOK FARM TRAIL
WOODSTOCK, MD 21163
(410) 461-4572

MILDENBERG & ASSOC., INC.
Engineers Planners Surveyors
7350-B Grace Drive, Columbia, MD 21044
(410) 997-0296 Fax (410) 997-0298 Fax



VICINITY MAP
SCALE: 1"=2000'
ADC 6 F-12

GENERAL NOTES:

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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

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R. JACOB HIKMAT _____ DATE 10/13/17

SOILS DESCRIPTION

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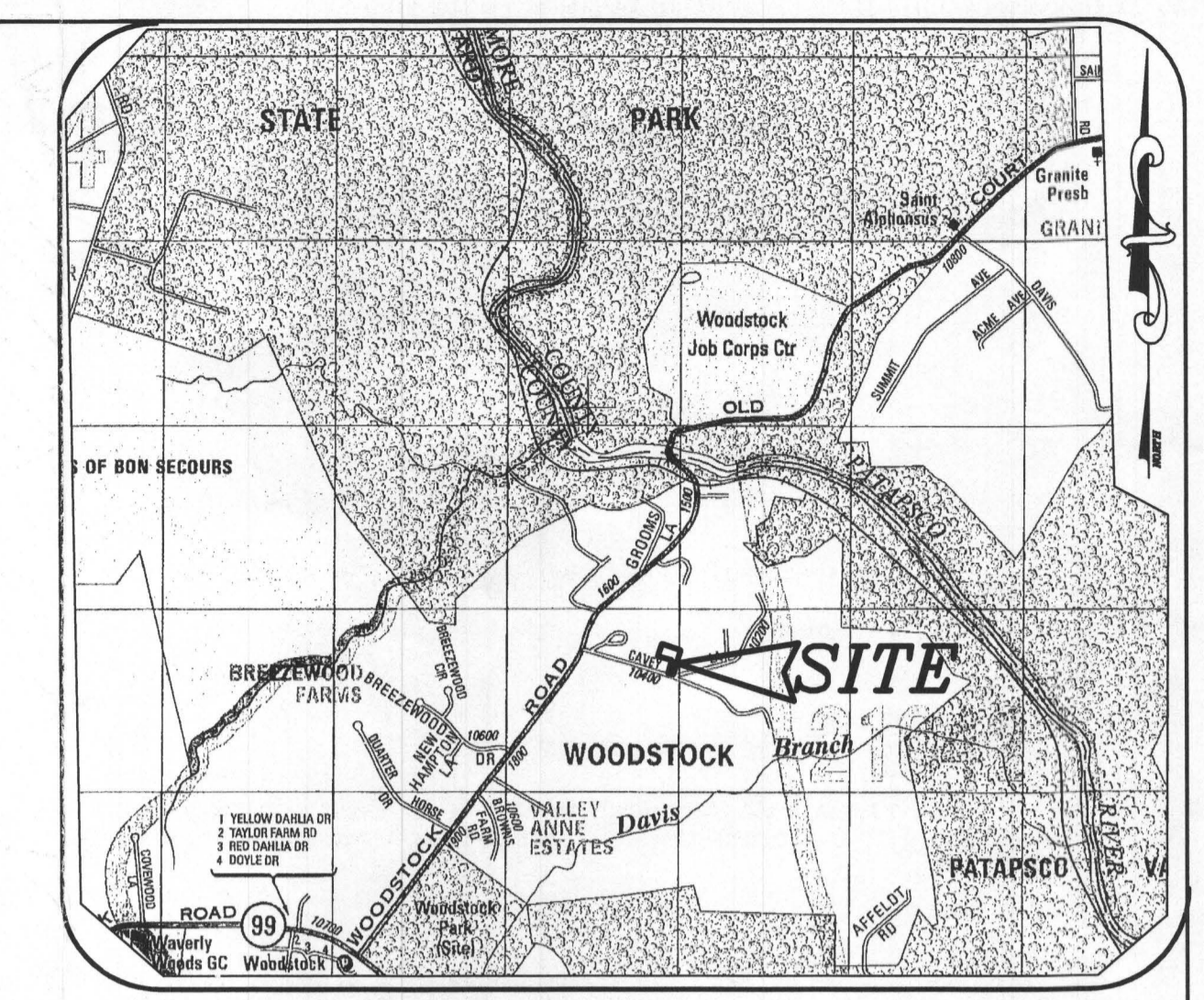
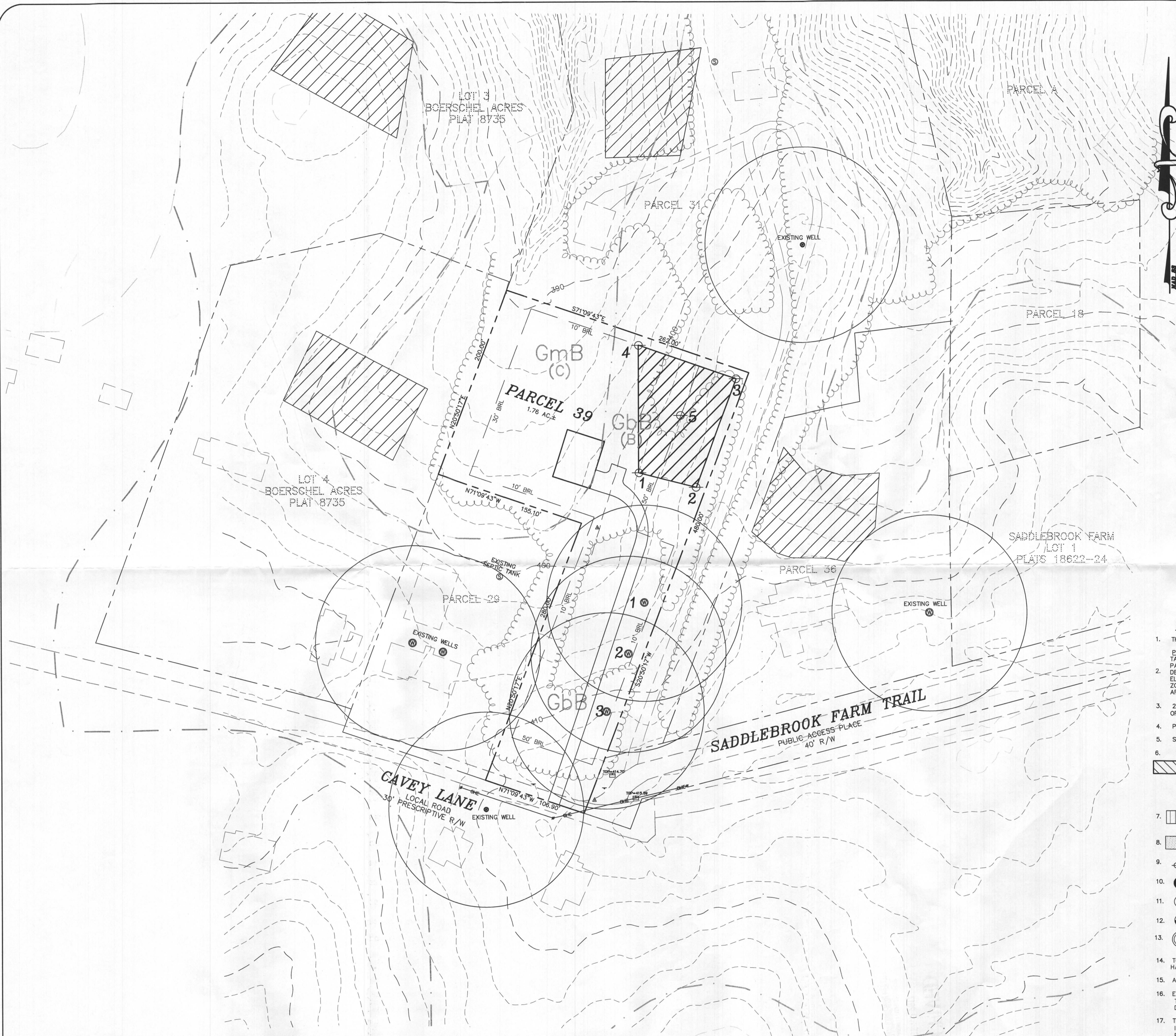
OWNER
SCOTT TAYLOR
10101 SADDLEBROOK FARM TRAIL
WOODSTOCK, MD 21163
(410) 461-4572

project	17-012	date	OCT 2017
illustration	MBS	engineering	MBS
scale	1" = 50'	approval	RJH

no.	description	date

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PERCOLATION CERTIFICATION PLAN

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VICINITY MAP
SCALE: 1"=2000'
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

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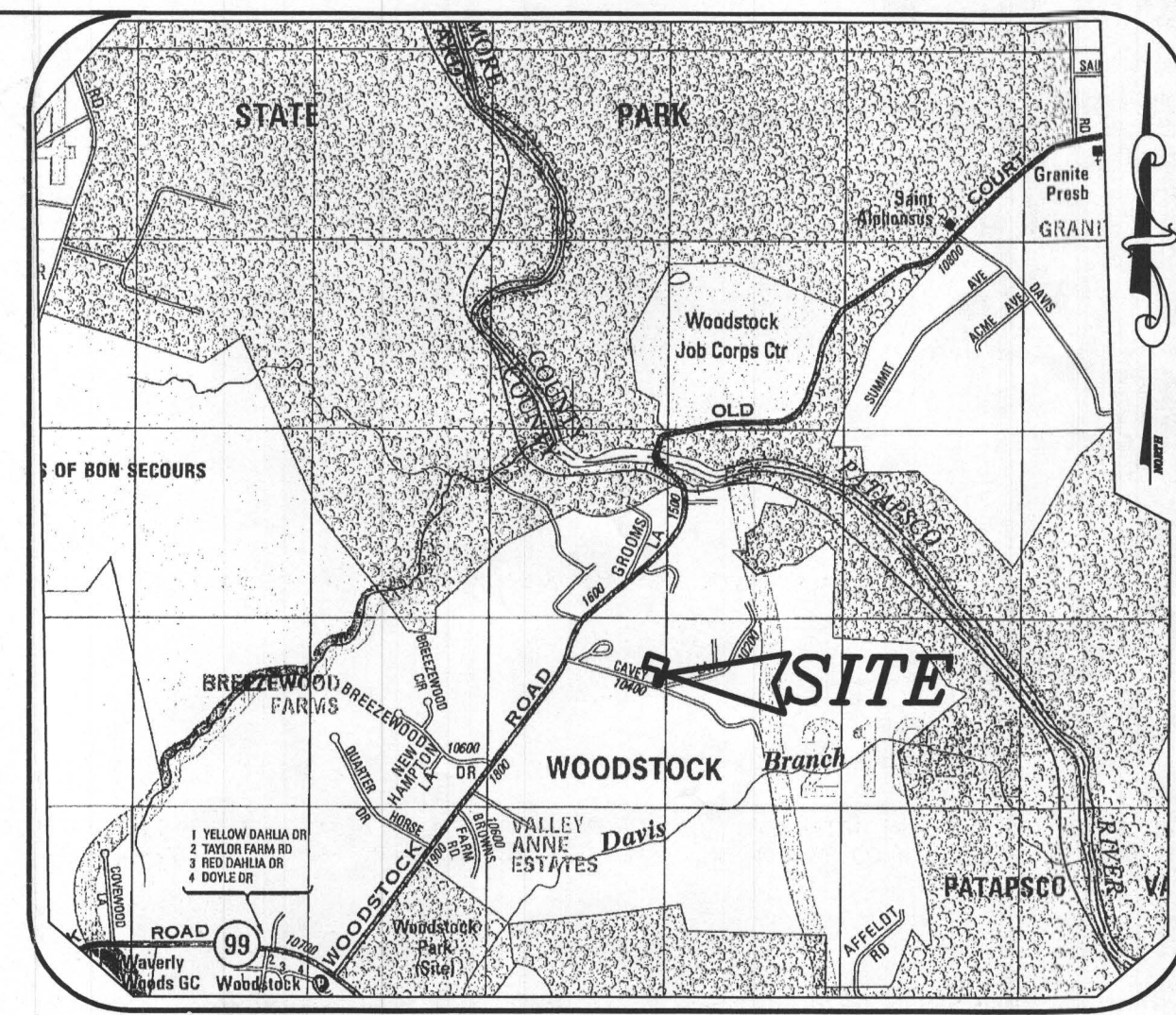
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OWNER
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WOODSTOCK, MD 21163
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VICINITY MAP
SCALE: 1"=2000'
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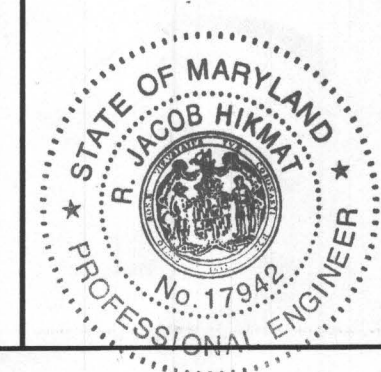
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