

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

PROPERTY ADDRESS 2178 MILLERS MILLCOOKSVILLE MD 21723

TAX ACCOUNT # 316770 TAX MAP 14 GRID 4 PARCEL 26 LOT NO. PROPOSED LOT SIZE (ACRES) 2.23 ZONING CATEGORY RC-DEO TIER IV

PROPERTY OWNER(S) JESSICA FAULKNER

DAYTIME PHONE CELL EMAIL mike.a.rodrigues@gmail.com

MAILING ADDRESS 11775 ROUTE 99 MARRIOTSVILLE MD 21104

APPLICANT JESSICA FAULKNER RELATIONSHIP TO OWNER:

DAYTIME PHONE CELL 646-242-3976 EMAIL mike.a.rodrigues@gmail.com

MAILING ADDRESS 11775 ROUTE 99 MARRIOTSVILLE MD 21104

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 or 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

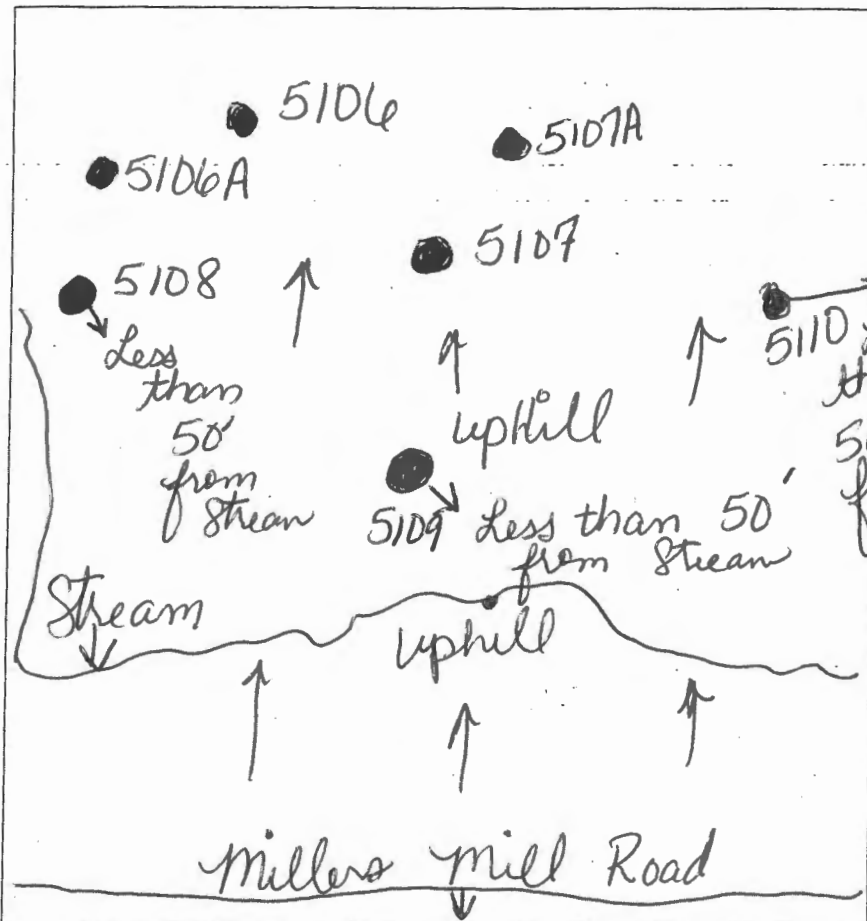
AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- 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. SIGNATURE OF APPLICANT DATE 2/18/2010

A/P

5110  
 Red Brown  
 yellow  
 Sh  
 8cl  
 4'  
 Red Brown  
 yellow  
 5-10%  
 R4  
 H<sub>2</sub>O seeping  
 in @ 6'  
 H<sub>2</sub>O in  
 the bottom 11'  
 5106  
 Red Brown  
 yellow  
 Sh  
 6'  
 Red Brown  
 yellow  
 Sh  
 5-10%  
 R4  
 13'



5107  
 Red Brown  
 Sh  
 Dense  
 ↓  
 6.0  
 Red Brown  
 yellow  
 Sh  
 ↓  
 13'  
 5108  
 Red Brown  
 yellow  
 Sh  
 ↓  
 4'  
 Red Brown  
 yellow  
 Sh  
 5-10%  
 R4  
 ↓  
 13'  
 5109  
 Red Brown  
 yellow  
 Sh  
 ↓  
 4'  
 Red Brown  
 yellow  
 Large  
 Boulders  
 Sh seeping  
 H<sub>2</sub>O in  
 the @ 8'  
 Bottom 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
6-14-16	5107	<del>6.5</del> 13	10:50	10:52	10:58	6 min	P	
6-14-16	5108	Less than 50 feet from stream						F
6-14-16	5109	Less than 50' from stream						F
6-14-16	5110	"	"	"	"	"	F	
6-14-16	5106	<del>6.5</del> 13	11:13	11:15	11:31	6 min	P	
6-14-16	5107A	<del>6.5</del> 12	11:42	11:47	11:58	10 min	P	
6-14-16	5106A	<del>6.5</del> 12	12:01	12:05	12:10	5 min	P	

5107A + 5106A  
 Red Brown  
 yellow  
 Sh  
 Large 5-10%  
 Boulders  
 @ 6'  
 6'  
 Red Brown  
 yellow  
 Sh  
 5-10%  
 R4  
 ↓  
 12'  
 Red Brown  
 yellow  
 Sh  
 ↓  
 12'

REMARKS: H<sub>2</sub>O High and H<sub>2</sub>O table is low.  
 SANITARIAN: Bernard BACKHOE: Jeff Allen OTHERS: Stephanie w/FCC  
 TEST HOLES USED IN SDA: \_\_\_\_\_ AVG. PERC TIME: \_\_\_\_\_ SQ. FT/BR: \_\_\_\_\_  
 TRENCH WIDTH: \_\_\_\_\_ INLET DEPTH: \_\_\_\_\_ MAX. BOT DEPTH: \_\_\_\_\_ EFFECTIVE SW: \_\_\_\_\_

A/P

#5103

#5100

Red Brown  
yellow  
Sch  
Grey  
Dense  
Clay  
H<sub>2</sub>O  
in  
the  
Bottom  
@ 7'

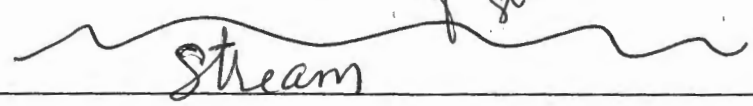
less than 25'  
away from  
5100 steep slopes

5101

5104  
less than 100'  
away from stream



5103  
40' away  
from  
stream



Did  
NOT  
Dig  
Less  
than  
40'  
from  
a stream

#5104

Red Brown  
yellow  
Grey  
Sch



Dense  
Clay Grey  
H<sub>2</sub>O in  
the Bottom

#5101

Red Brown  
yellow  
Grey  
Clay  
Lean  
H<sub>2</sub>O seeping  
in @ 3'  
H<sub>2</sub>O in  
the Bottom



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4-19-16	5100	7'	NO	BUFFER		H <sub>2</sub> O	F
4-19-16	5101	5.5' 10'	NO	Buffer	H <sub>2</sub> O →	Bottom	F
4-19-16	5103	Less than 40'	from stream				F
4-19-16	5104	9'	NO	Buffer	H <sub>2</sub> O in the Bottom		F
4-19-16	5102	9'	NO	Buffer	H <sub>2</sub> O in the Bottom		F

#5102

Red Brown  
yellow  
Grey  
Sch  
H<sub>2</sub>O in  
the Bottom  
@ 5'



REMARKS Streams not shown on plan (map)

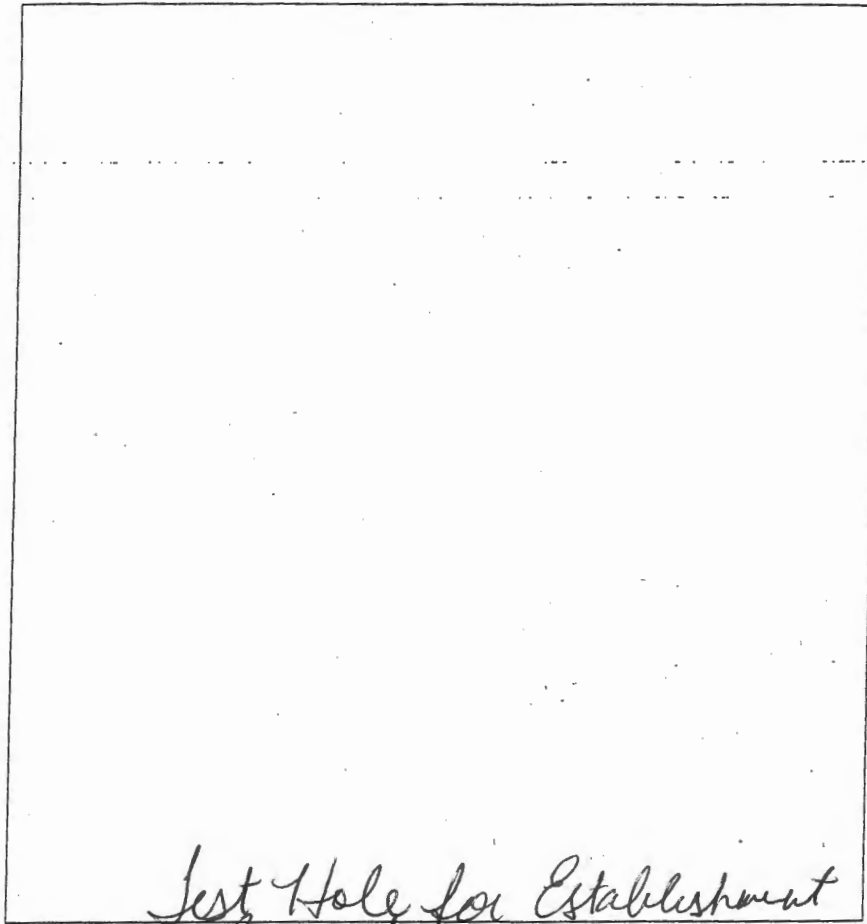
SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

AJP

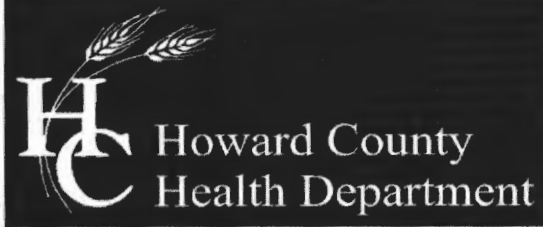
#5105  
 Red Brn  
 yellow  
 Sh 4'  
 Red Brn  
 yellow  
 Sh  
 ↓  
 12'



*Test Hole for Establishment  
 of Easement*

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	5105	5/12	12:25	12:39	12:59	20min	P

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



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

---

To: Fisher, Collins, and Carter, Inc.  
C/o Tony Fertitta  
Via E-Mail: [tonyf@fcc-eng.com](mailto:tonyf@fcc-eng.com)  
10272 Baltimore National Pike  
Ellicott City, Maryland 21042

RE: **Percolation Testing Report**  
**2178 Millers Mill**  
**Cooksville, Maryland 21723**  
**Tax Map 14, Parcel 26**

DATE: October 6, 2016

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The following comments apply to the plan prepared by Fisher, Collins, and Carter, Inc. Applicant is advised to revise and resubmit.

- Expand SDA to encompass all passable holes.
- Showing an initial system and a first replacement will satisfy our requirements.
- Don't show trenches or calculations. These items are shown on the BAT plan.
- Add to the General Notes:
  1. SDA must accommodate initial and 1 replacement for proposed use.
  2. This property will most likely have bedroom restrictions based on calculations.
  3. Details of trench layout matching proposed use to be shown on BAT plan.
  4. BAT plan will be required.
  5. Trenches must be equal length or LPD.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Dana Bernard, R.E.H.S./L.E.H.S.  
Environmental Specialist II  
Bureau of Environmental Health  
Well and Septic Program

Phone (410) 313-2775  
E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

## **Williams, Jeffrey**

---

**From:** Williams, Jeffrey  
**Sent:** Tuesday, August 16, 2016 9:54 AM  
**To:** tonyf@fcc-eng.com  
**Subject:** 2178 Millers Mill

We will accept an initial and one replacement for this lot, but we will need to do the additional test hole and have the topo field run to ensure 25' separation from 25% slopes as we discussed. Thanks

Jeff Williams  
Program Supervisor, Well & Septic Program  
Bureau of Environmental Health  
Howard County Health Dept.  
410-313-4261  
[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)

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AP

5111

Red Brown  
yellow  
Sh

5-10%

R4

4'

Red Brown  
yellow  
Sh

↓

12'

5112

Red Brown  
yellow  
Sh

4'

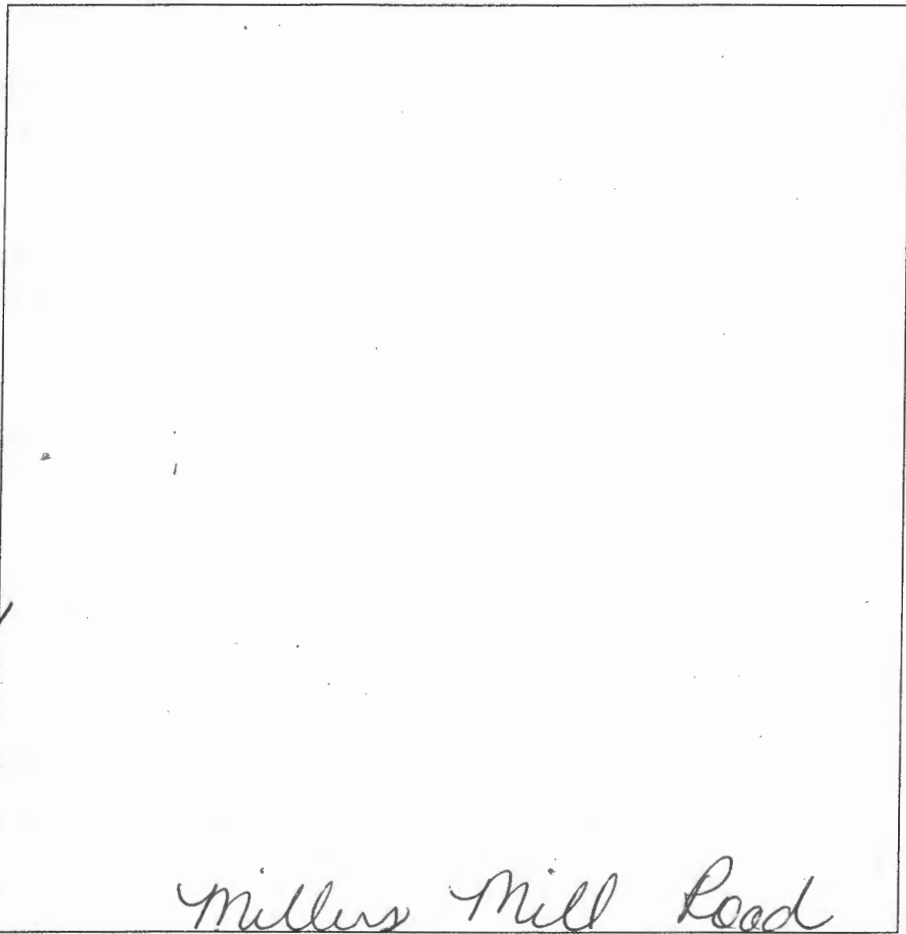
Red Brown  
yellow  
Sh

40-50%

R4

↓

1'  
86



Millers Mill Road

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9-22-16	5111	5/2	10:09	10:11	10:16	5min	P
9-22-16	5112	6'	Refusal @		6'		F

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

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

## Bernard, Dana

---

**From:** Bernard, Dana  
**Sent:** Thursday, September 08, 2016 10:45 AM  
**To:** 'Tony Fertitta'  
**Subject:** RE: 2178 Millers Mill

Ok the 15<sup>th</sup> is a go!!

---

**From:** Tony Fertitta [<mailto:tonyf@fcc-eng.com>]  
**Sent:** Thursday, September 08, 2016 10:06 AM  
**To:** Bernard, Dana  
**Subject:** RE: 2178 Millers Mill

could we do the 15th

---

**From:** Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]  
**Sent:** Thursday, September 08, 2016 8:22 AM  
**To:** Tony Fertitta  
**Subject:** RE: 2178 Millers Mill

ok

---

**From:** Tony Fertitta [<mailto:tonyf@fcc-eng.com>]  
**Sent:** Thursday, September 08, 2016 6:31 AM  
**To:** Bernard, Dana  
**Subject:** RE: 2178 Millers Mill

Sorry I was out yesterday my mom was in a car accident let me call the client and I will get back to you today thank you

---

**From:** Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]  
**Sent:** Tuesday, September 06, 2016 2:27 PM  
**To:** Tony Fertitta  
**Subject:** RE: 2178 Millers Mill

How about the 14<sup>th</sup> of September.

---

**From:** Tony Fertitta [<mailto:tonyf@fcc-eng.com>]  
**Sent:** Tuesday, September 06, 2016 9:52 AM  
**To:** Bernard, Dana  
**Cc:** Stephanie Tuite  
**Subject:** 2178 Millers Mill

Perc test date for 2 more holes. Thanks

Tony

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

---

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
COLLETT CITY, MARYLAND 21048  
(410) 461-2855

**Tony Fertitta**  
410-461-2855  
[tonyf@fcc-eng.com](mailto:tonyf@fcc-eng.com)

were old w/s  
abandoned?

NOTES SKY  
YES



Environmental Specialist II  
Bureau of Environmental Health  
Well and Septic Program  
Phone (410) 313-2775  
E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

**Bernard, Dana**

---

**From:** Bernard, Dana  
**Sent:** Tuesday, May 24, 2016 8:53 AM  
**To:** 'Tony Fertitta'  
**Subject:** 2178 Millers Mill Road

Good Morning Tony,

I have received your proposed test plan for 2178 Millers Mill and briefly reviewed it. However, this plan is wet season testing and cannot be completed until next year during the wet season testing period.

Thank you & Have a\*""

,.,.,.,.\*""),.,.\*""

(.,. (.,.\* Wonderful Day !

Dana Bernard, R.E.H.S./L.E.H.S.  
Environmental Specialist II  
Bureau of Environmental Health  
Well and Septic Program  
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& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS  
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.  
Earl D. Collins, P.E.  
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.  
Mark L. Robel, P.L.S.  
Aldo M. Vitucci, P.E.

# Transmittal

Via:  Fax  Mail  Messenger  E-Mail  To Be Picked Up  
 Fax (original to follow via U.S. Mail)

To: <b>Howard County Health Department</b> <b>8930 Stanford Blvd</b> <b>Columbia, MD 21046</b>	Attn: <b>Dana</b> Fax: Phone:
--	-------------------------------------

From: <b>Tony Fertitta</b>	CC:
----------------------------	-----

Re: <b>13880 Old Frederick Road</b>	W.O.# <b>13034</b>
Date: <b>October 17, 2014</b>	Pages: <b>3</b> <b>Page(s) Including this cover</b>

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input type="checkbox"/> For Review & Comment
--

Remarks:

Enclosed please find 1 Copy 13800 OLD FREDERICK ROAD- "" Sheet 1 of 1 dated February 24, 2014, Perc Application Plan

If we may be of any further assistance to you, please don not hesitate to call.

Thank you,



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# Transmittal

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To: <b>Bureau of Environmental Health</b> <b>8930 Stanford Boulevard</b> <b>Columbia, MD 21046-4544</b>	Attn: <b>Dana</b> Fax: <b>(410) 313-2648</b> Phone: <b>(410) 313-2640</b>
---	---

From: <b>Tony Fertitta</b>	CC:
----------------------------	-----

Re: <b>2178 Millers Mill</b>	W.O.# <b>04151</b>
Date: <b>May 18, 2016</b>	Pages: <b>3</b> <b>Page(s) Including this cover</b>

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input type="checkbox"/> For Review & Comment
--

Remarks:

**Dana:**

**Enclosed please find Two (2) prints of the drawing entitled " Perc Application Plan " dated May 18, 2016. With a revised perc area**

**If we may be of any further assistance, please do not hesitate to call.**

**Very truly yours,**

**Tony Fertitta**

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To: <b>Bureau of Environmental Health</b> <b>8930 Stanford Boulevard</b> <b>Columbia, MD 21046-4544</b>	Attn: <b>Jeff</b> Fax: <b>(410) 313-2648</b> Phone: <b>(410) 313-2640</b>
---	---

From: <b>Tony Fertitta</b>	CC:
----------------------------	-----

Re: <b>2178 Millers Mill</b>	W.O.# <b>04151</b>
Date: <b>February 25, 2016</b>	Pages: <b>3</b> Page(s) Including this cover

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input type="checkbox"/> For Review & Comment
--

Remarks:

**Jeff:**

Enclosed please find Two (2) prints of the drawing entitled " Perc Application Plan " dated February 25, 2016 A application and a check for \$506.00.

If we may be of any further assistance, please do not hesitate to call.

Very truly yours,

  
Tony Fertitta

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## Collins, Sarah

---

**From:** Tony Fertitta <tonyf@fcc-eng.com>  
**Sent:** Thursday, June 01, 2017 9:36 AM  
**To:** Collins, Sarah  
**Subject:** RE: 2178 Millers Mill Well exhibit

there already is a perc cert for this lot and we could not find any info on the existing system for well and septic. The only thing on the site is a very old foundation. If its ok can we add a note stating that is driveway is closer than 10' from well ballads will need to be installed.

---

**From:** Collins, Sarah [<mailto:SCollins@howardcountymd.gov>]  
**Sent:** Thursday, June 01, 2017 9:20 AM  
**To:** Tony Fertitta  
**Subject:** RE: 2178 Millers Mill Well exhibit

Thanks, Tony. You may have heard from Dana already, but it sounds like we need the existing/abandoned well and septic from the old house shown on the perc cert. Is it possible to also include the driveway? I'd like the owner to install ballards around the well if it's close to the driveway.

Thank you,  
Sarah

---

**From:** Tony Fertitta [<mailto:tonyf@fcc-eng.com>]  
**Sent:** Thursday, June 01, 2017 7:17 AM  
**To:** Collins, Sarah  
**Cc:** Stephanie Tuite  
**Subject:** 2178 Millers Mill Well exhibit



Right Click the Card to add me to your Contacts

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& CARTER, INC.**

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--	-------------------------------------

From: <b>Tony Fertitta</b>	CC:
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Re: <b>2178 Millers Mill</b>	W.O.# <b>04151</b>
Date: <b>October 12, 2016</b>	Pages: <b>3</b> <b>Page(s) Including this cover</b>

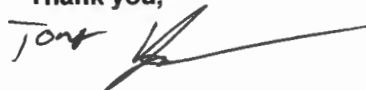
We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input type="checkbox"/> For Review & Comment	

Remarks:

**Enclosed please find 1 Maylar and 2 Paper Copies 2178 Millers Mill Sheet 1 of 1 dated October 12, 2016, Perc Application Plan**

**If we may be of any further assistance to you, please don not hesitate to call.**

Thank you,



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**LEGEND**

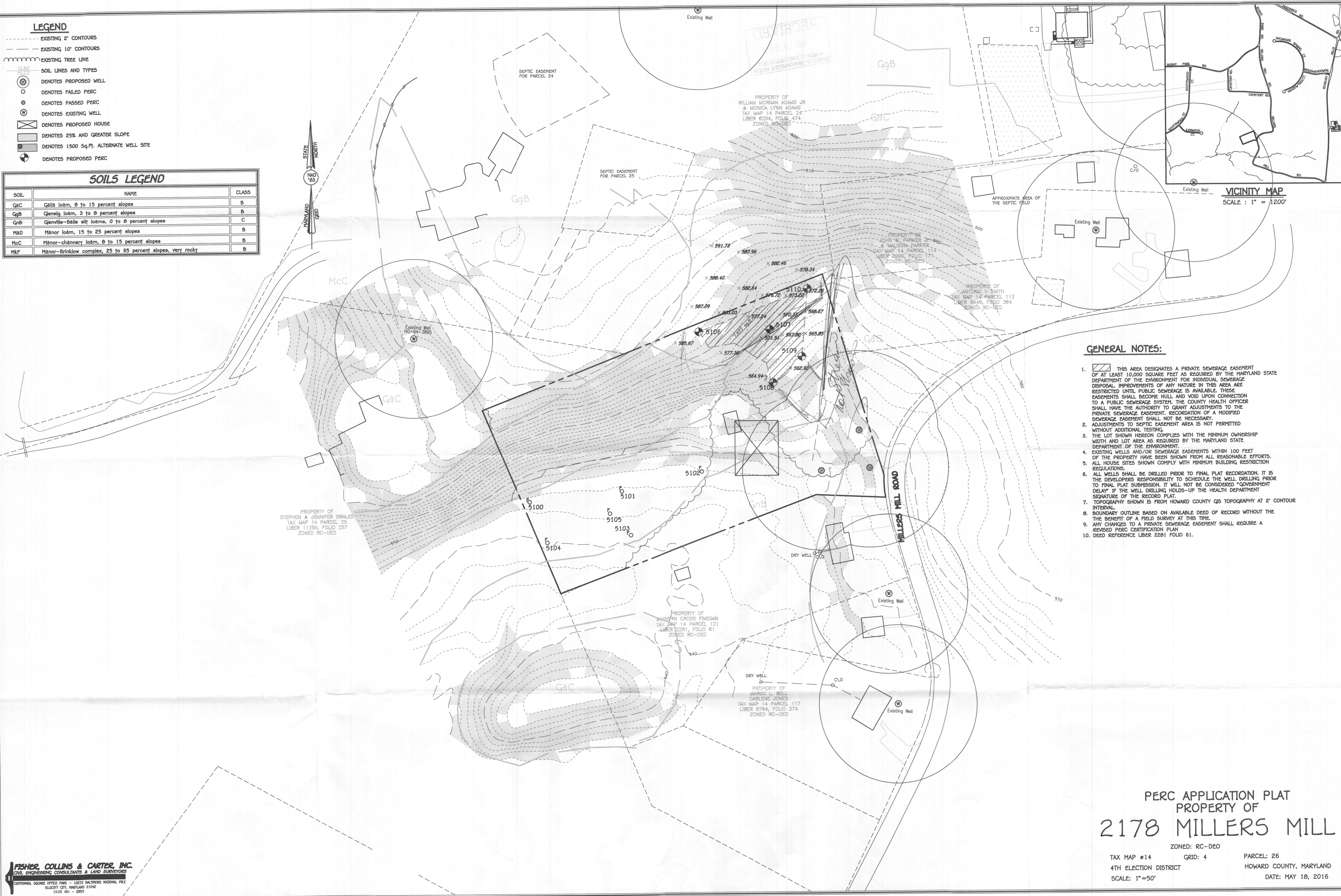
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊗ DENOTES EXISTING WELL
- ⊠ DENOTES PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 SQ.FT. ALTERNATE WELL SITE
- ⊙ DENOTES PROPOSED PERC

**SOILS LEGEND**

SOIL	NAME	CLASS
GaC	Galla loam, 0 to 15 percent slopes	B
GgB	Glenelg loam, 3 to 8 percent slopes	B
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
MaD	Manor loam, 15 to 25 percent slopes	B
McC	Manor-channery loam, 0 to 15 percent slopes	B
MkF	Manor-Brinklow complex, 25 to 65 percent slopes, very rocky	B



**VICINITY MAP**  
SCALE: 1" = 1200'



**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCE: LIBER 2281 FOLIO 61.

**PERC APPLICATION PLAT**  
**PROPERTY OF**  
**2178 MILLERS MILL**

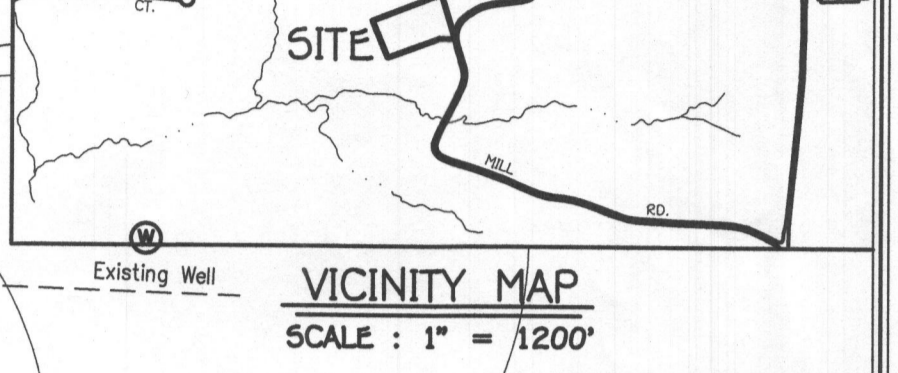
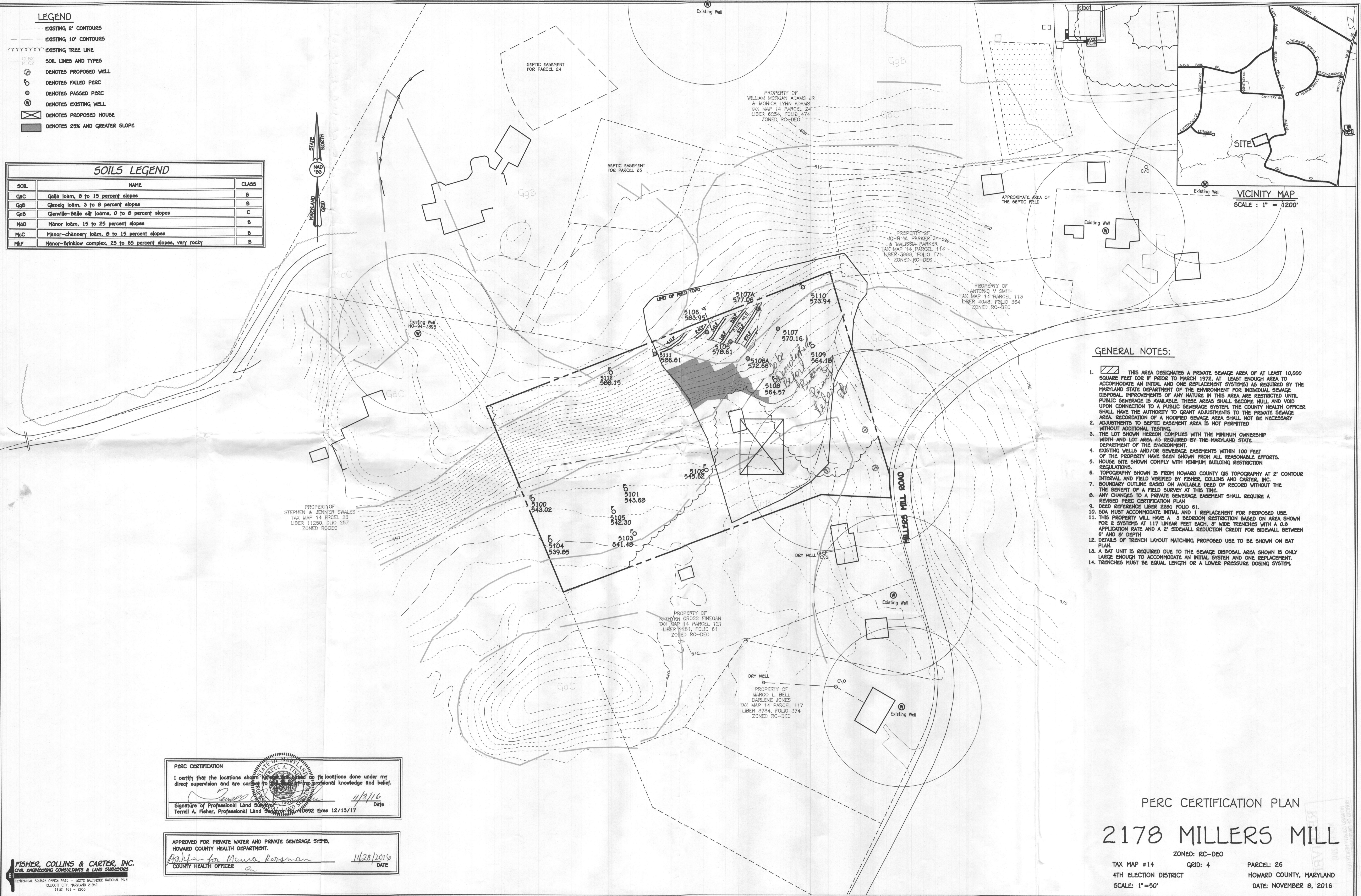
ZONED: RC-DEO  
TAX MAP #14 GRID: 4 PARCEL: 26  
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1"=50' DATE: MAY 10, 2016

**LEGEND**

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊕ DENOTES PROPOSED WELL
- ⊖ DENOTES FAILED PERC
- ⊙ DENOTES PASSED PERC
- ⊗ DENOTES EXISTING WELL
- ⊠ DENOTES PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE

**SOILS LEGEND**

SOIL	NAME	CLASS
GaC	Gailla loam, 0 to 15 percent slopes	B
GgB	Glenelg loam, 3 to 8 percent slopes	B
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
MaD	Manor loam, 15 to 25 percent slopes	B
McC	Manor-channery loam, 0 to 15 percent slopes	B
MkF	Manor-Brinklow complex, 25 to 65 percent slopes, very rocky	B



**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET (OR IF PRIOR TO MARCH 1972, AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND ONE REPLACEMENT SYSTEMS) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECREATION OF A MOISTURE SEWAGE AREA SHALL NOT BE NECESSARY ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING WELLS AND/OR SEWAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
4. HOUSE SITE SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL AND FIELD VERIFIED BY FISHER, COLLINS AND CARTER, INC.
6. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
7. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. DEED REFERENCE LIBER 2281 FOLIO 61.
9. SOA MUST ACCOMMODATE INITIAL AND 1 REPLACEMENT FOR PROPOSED USE.
10. THIS PROPERTY WILL HAVE A 3 BEDROOM RESTRICTION BASED ON AREA SHOWN FOR 2 SYSTEMS AT 117 LINEAR FEET EACH, 3' WIDE TRENCHES WITH A 0.8 APPLICATION RATE AND A 2' SIDEWALL REDUCTION CREDIT FOR SIDEWALL BETWEEN 6' AND 8' DEPTH.
11. DETAILS OF TRENCH LAYOUT MATCHING PROPOSED USE TO BE SHOWN ON BAT PLAN.
12. A BAT UNIT IS REQUIRED DUE TO THE SEWAGE DISPOSAL AREA SHOWN IS ONLY LARGE ENOUGH TO ACCOMMODATE AN INITIAL SYSTEM AND ONE REPLACEMENT.
13. TRENCHES MUST BE EQUAL LENGTH OR A LOWER PRESSURE DOSING SYSTEM.

**PERC CERTIFICATION**  
 I certify that the locations shown hereon were field checked and the locations done under my direct supervision and are correct to the best of my professional knowledge and belief.  
 Signature of Professional Land Surveyor: *Terrell A. Fisher* 11/3/16 Date  
 Terrell A. Fisher, Professional Land Surveyor, License No. 10692 Expires 12/13/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.  
 Signature for *Maureen Rossman* 11/28/2016 Date  
 COUNTY HEALTH OFFICER

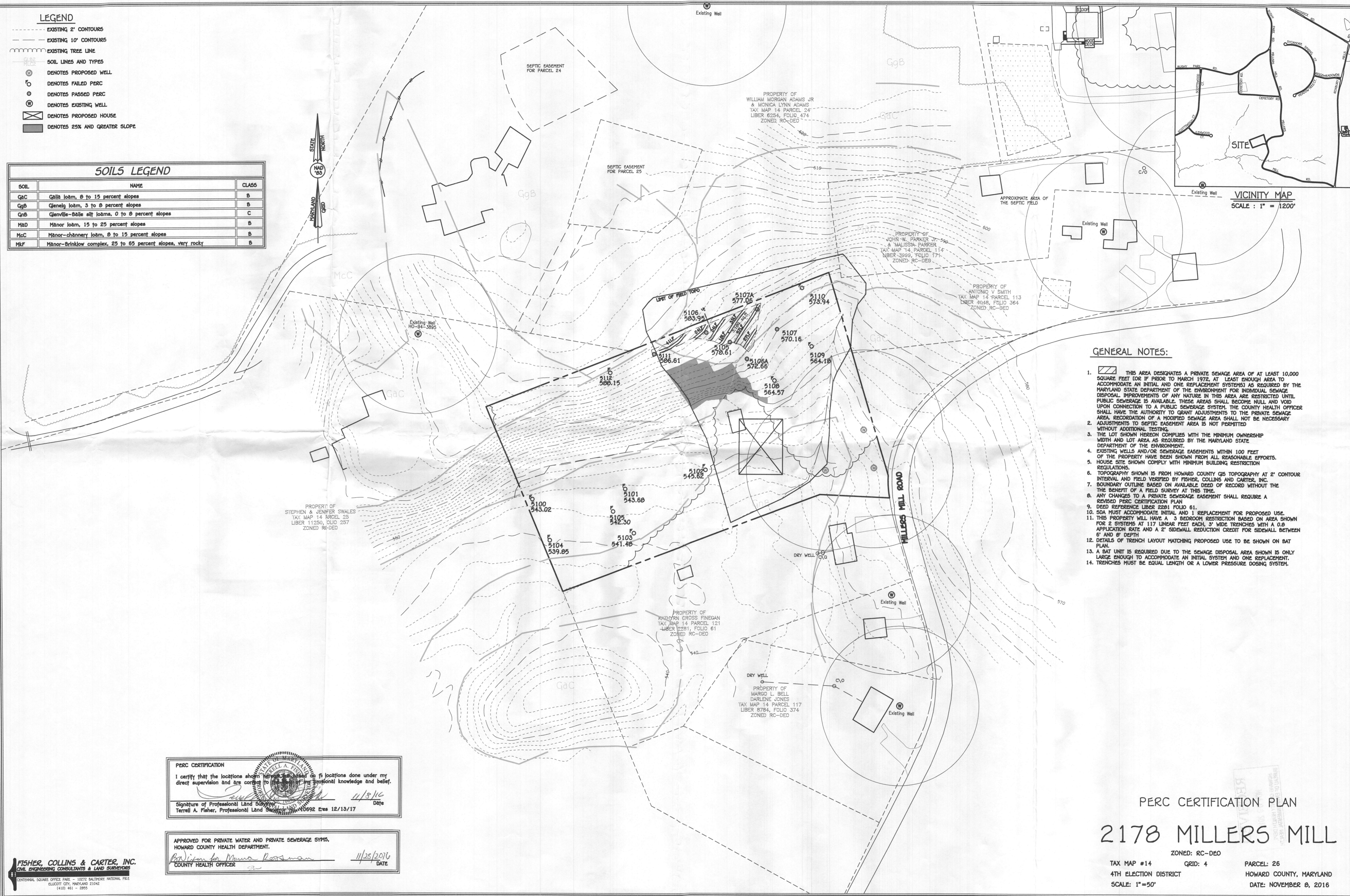
PERC CERTIFICATION PLAN  
**2178 MILLERS MILL**  
 ZONED: RC-DEC  
 TAX MAP #14 GRID: 4 PARCEL: 26  
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: NOVEMBER 8, 2016

**LEGEND**

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- ⊙ DENOTES FAILED PERC
- ⊙ DENOTES PASSED PERC
- ⊙ DENOTES EXISTING WELL
- ⊠ DENOTES PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE

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**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET FOR IF PRIOR TO MARCH 1972, AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND ONE REPLACEMENT SYSTEMS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECREATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
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8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCE LIBER 2291 FOLIO 61.
10. SDA MUST ACCOMMODATE INITIAL AND 1 REPLACEMENT FOR PROPOSED USE.
11. THIS PROPERTY WILL HAVE A 3 BEDROOM RESTRICTION BASED ON AREA SHOWN FOR 2 SYSTEMS AT 117 LINEAR FEET EACH, 3" WIDE TRENCHES WITH A 0.8 APPLICATION RATE AND A 2' SIDEWALL REDUCTION CREDIT FOR SIDEWALL BETWEEN 6' AND 8' DEPTH.
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14. TRENCHES MUST BE EQUAL LENGTH OR A LOWER PRESSURE DOSING SYSTEM.

**PERC CERTIFICATION**  
 I certify that the locations shown herein were field checked and locations done under my direct supervision and are correct to the best of my professional knowledge and belief.  
 Signature of Professional Land Surveyor: *Terrell A. Fisher* 11/18/16 Date  
 Terrell A. Fisher, Professional Land Surveyor License No. 10692 Exp 12/15/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.  
 Signature for *Monica Rossman* 11/25/2016 DATE  
 COUNTY HEALTH OFFICER

**PERC CERTIFICATION PLAN**  
**2178 MILLERS MILL**  
 ZONED: RC-DEO  
 TAX MAP #14 GRID: 4 PARCEL: 26  
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: NOVEMBER 8, 2016