

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 Arter Property

PROPERTY ADDRESS Miller Mill Rd Cooksville Md 21723

TAX ACCOUNT # 325036 TAX MAP 14 GRID 4 PARCEL 27 LOT NO. PROPOSED LOT SIZE (ACRES) 6.488

ZONING CATEGORY rc-deo TIER 4

PROPERTY OWNER(S) Edward Arter

DAYTIME PHONE CELL EMAIL

MAILING ADDRESS 9713 N Flora Ave Kansas City Mo. 64155-2117

APPLICANT Brian Furlong RELATIONSHIP TO OWNER: Contract Purchaser

DAYTIME PHONE 410-300-4627 CELL EMAIL brianfurlong98@yahoo.com

MAILING ADDRESS 6404 Frothingham Court Elkridge Md 21075

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: [Signature] Date: 3/8/16

AP

4999

0.8' brl

3' orscl

ycl tan sl

12.8' dry

5000

brl

Orscl

6.5' yel-tan sl

15-20% rock

10' hard bottom

5001

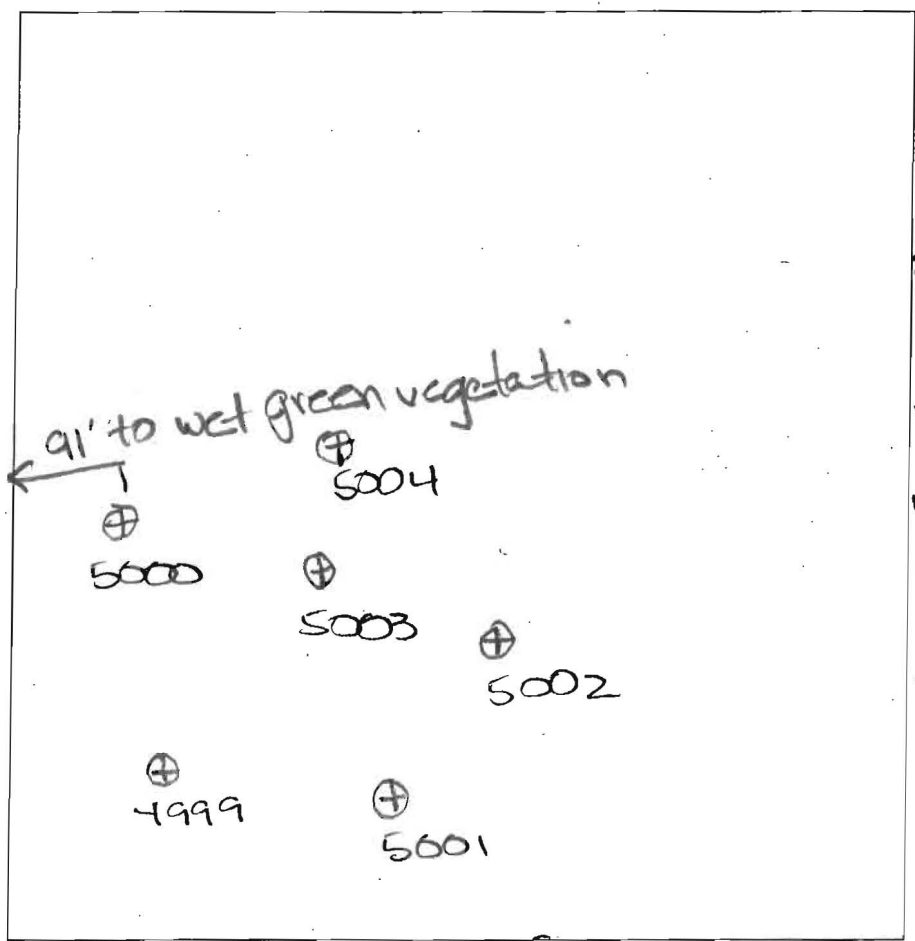
0.6' brl

3' Orscl

5-10% rock layer

3.7' pale red fsl w mica pockets of ls

12.5' dry



5002

0.8' brl

3' Orscl

5-10% rock layer

3.5' pale red fsl

10' tan sl

16' dry

5003

10' brl

3' Orscl

ycl-tan sl w mica

12' dry

5004

0.7' brl

3' Orscl

3' pale red sl

8' tan sl

12.5' dry

millers mill Road (map 14 p. 27)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/6/16	4999	4/12.8	11:29	11:36	11:44	8	P
4/6/16	5000	3.8/10	10:01	10:08	10:19	11	P
4/6/16	5001	4.9/12.5	9:23	9:35	9:51	10	P
4/6/16	5002	4.5/16	9:07	9:11	9:18	7	P
4/6/16	5003	4/12	9:37	9:42	9:48	6	P
4/6/16	5004	3.10/12.5	9:49	9:53	9:59	6	P

REMARKS _____

SANITARIAN H. Oswald BACKHOE S.C. Drew & Randy OTHERS Brien Furlong & Builder

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/HR _____

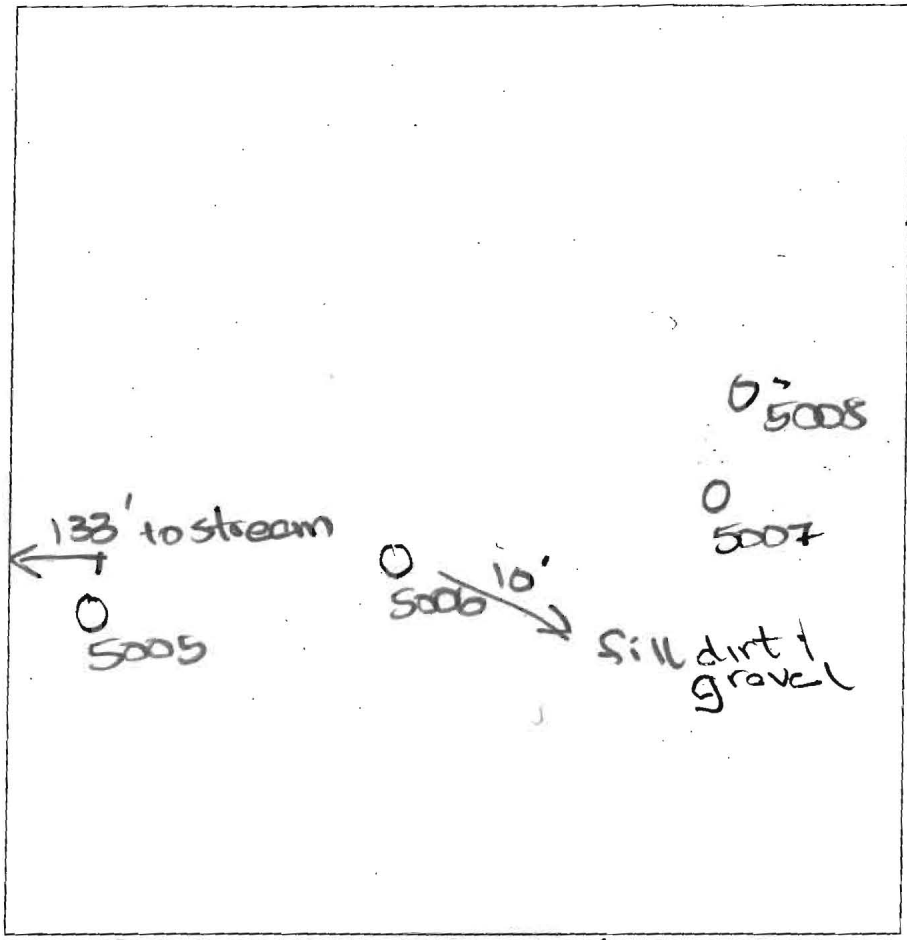
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

A/P _____

5005
 0.6' - brl
 3.5' - or scl
 pale red sl
 8' - tan sl
 5-10% rock
 12.3'

5006
 0.8' - brl
 or yel scl
 10-15% rock
 2' - yel tan sl
 12.5'

5007
 5.6' - brl
 or yel scl
 w/ mica
 3' - tan sl
 15-20% rock
 1.11'



5008
 0.5' - brl
 or yel scl
 3.5' - tan sl
 w/ mica
 12' - dry

millers mill Road (map 4 P.27)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/6/16	5005	4' / 12.3	10:16	10:20	10:27	7	P
4/6/16	5006	4.5' / 12.5	10:33	10:36	10:42	6	P
4/6/16	5007	3.10' / 11.11	10:51	10:54	10:59	5	P
4/6/16	5008	4.7' / 12'	11:05	11:14	11:26	12	P

REMARKS _____
 SANITARIAN H. Oswald BACKHOE S.C. OTHERS Brian Furlong & Dicky Randy
 TEST HOLES USED IN SDA _____ AVG. REC TIME _____ SQ. FT/BR Builder
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, May 25, 2016 10:15 AM
To: 'Stephanie Tuite'
Cc: Williams, Jeffrey
Subject: RE: Arter Property / Millers Mill Road

Hi Steph:

Please add this note on plan to reference the following requirement.

Show directional bore design on the BAT plan or obtain MDE Stream Crossing Permit.

You can send someone in to add this note to the plan, or resubmit.

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

Thanks,

Hank

From: Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]
Sent: Monday, May 23, 2016 2:51 PM
To: Oswald, Hank
Subject: RE: Arter Property / Millers Mill Road

I will be bringing the revised plans down shortly.

Steph

Stephanie Tuite, RLA, PE, LEED AP BD&C
FISHER, COLLINS & CARTER, INC.

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Monday, May 23, 2016 11:48 AM
To: Stephanie Tuite <Stephanie@fcc-eng.com>
Subject: RE: Arter Property / Millers Mill Road

Hi Steph:

I just received the perc cert plan. At a quick glance, the legend needs revising to accurately reflect what's on the plan. General Note #4 on your plan should read the same as Note #3 on page 2 of the attached document.

As soon as we have a signed perc cert plan, we can issue the well permit.

Thanks,

Hank

From: Stephanie Tuite [mailto:Stephanie@fcc-eng.com]
Sent: Monday, May 23, 2016 11:27 AM
To: Oswald, Hank
Subject: Arter Property / Millers Mill Road

Hank,

We sent the Perc Cert for Arter Property / Millers Mill Road on Friday. Do you have everything you need to issue the well permit, or do you need something additional? Our client needs to have the well drilled as soon as possible. Their settlement is within the next two weeks, and the bank needs the well drilled in order to settle. Let me know anything you might need from us.

Steph





Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

April 11, 2016

To: FCC; Brian Furlong (Applicant)

Percolation Test Report; Millers Mill Road, Cooksville, MD 21723

Percolation tests were conducted at Millers Mill Road (Tax Map 14, Parcel 27) on April 6, 2016. Tests and profile descriptions were documented for 10 locations (4999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, and 5008). All 10 perc test holes passed. Since test hole 4999 was not part of the original test proposal, it must be field located.

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 or 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 area.

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

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, March 29, 2016 10:16 AM
To: 'brianfurlong98@yahoo.com'; tonyf@fcc-eng.com
Subject: Arter Property_Perc Test Date

To All:

I received and reviewed the revised percolation test plan that was dropped off yesterday for the Arter Property. First available percolation test date is Wed. April 6th, starting 8:30 a.m. Please confirm as soon as possible.


Prior to test date, please have the percolation test holes properly staked by a licensed surveyor. Also, please have a septic contractor onsite with a backhoe capable of digging a hole to a minimum depth of 12 feet.

Should you have any questions, or wish to schedule a different date, please contact me.

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)



Oswald, Hank

From: Oswald, Hank
Sent: Monday, March 21, 2016 10:35 AM
To: 'Tony Fertitta'
Subject: RE: Arter Property

No

From: Tony Fertitta [<mailto:tonyf@fcc-eng.com>]
Sent: Monday, March 21, 2016 10:30 AM
To: Oswald, Hank
Subject: RE: Arter Property

WILL THIS BE WET SEASON TESTING

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Monday, March 21, 2016 10:27 AM
To: Tony Fertitta
Cc: Williams, Jeffrey
Subject: RE: Arter Property

Hi Tony:

Attached, you will find information pertaining to the well(s) located on *2331 Millers Mill Road*. It's unclear whether the pit well on this property was ever properly abandoned. If it hasn't been abandoned, then please field locate both wells and show them on the perc test plan.

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

Thanks,

Hank

From: Williams, Jeffrey
Sent: Monday, March 21, 2016 8:46 AM
To: Tony Fertitta
Cc: Oswald, Hank
Subject: RE: Arter Property

I assigned it to Hank. I glanced at the plan and what jumped out at me is we need to know where the well is at 2331 Millers Mill. The proposed SDA is within 100' from that property line and based on the size of that lot, the well could easily be within 100' of it.

From: Tony Fertitta [<mailto:tonyf@fcc-eng.com>]
Sent: Thursday, March 17, 2016 2:31 PM
To: Williams, Jeffrey
Subject: Arter Property

Jeff,
I submitted a plan on tue I think it will be wet season.

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

ANTONIA, SQUARE OFFICE PARK - SUITE 300, BALTIMORE, MARYLAND, 21201
BLOOMING GLEN, MARYLAND, 21016
11-22-161 - 2016

Tony Fertitta
410-461-2855

tonyf@fcc-eng.com

Right Click the Card to add me to your Contacts



Interactive Map

Map Layers Map Legend Search

All Layers

- Base Maps & Aerial Photos
- Annotation Layers
- HoCo Base Map Layers
 - Contours 2004
 - County Boundary
 - Stream Centerline Buffer 75ft
 - Building Permits (New)
 - Scanned PDF Drawings Intern
 - Address Points
 - Street Centerline
 - Metro Property
 - Property Boundaries
- Additional Layers
 - Sewer Infrastructure
 - Water Infrastructure
 - Study Areas
- Layer Overlays
 - Floodplain - Draft - Small Trib



DEPARTMENT OF ENVIRONMENTAL & PLANNING
BUREAU OF ENVIRONMENTAL HEALTH

CONFIDENTIAL

Transmittal

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

To: **Bureau of Environmental Health**
8930 Stanford Boulevard
Columbia, MD 21046-4544

Attn: **Hank**
Fax: **(410) 313-2648**
Phone: **(410) 313-2640**

From: **Stephanie Tuite** CC:

Re: **Millers Mill Road - Arter Property** W.O.# **04151**
Date: **May 23, 2016** Pages: **3** Page(s) Including this cover

We are forwarding: Prints Copy of Letter Specifications Shop drawings Other
 Urgent For your use As requested For Review & Comment

Remarks:

Hank:

Enclosed please find Two (2) prints and a mylar of the drawing entitled " Perc Certification Plan " dated May 23, 2016. If we may be of any further assistance, please do not hesitate to call. The requested note and legend revisions have been made.

Very truly yours,
Fisher, Collins & Carter, Inc.

Stephanie Tuite, RLA, PE, LEED AP BD&C

CONFIDENTIALITY NOTICE

This transmission contains confidential information which may be legally privileged, and is intended only for the use of the individual named above. If you are not the intended recipient, you are hereby notified that any distribution (except to the intended recipient), copying, or disclosure of this transmission is strictly prohibited.

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Transmittal

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.

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

To: Bureau of Environmental Health 8930 Stanford Boulevard Columbia, MD 21046-4544	Attn: Hank Fax: (410) 313-2648 Phone: (410) 313-2640
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From: Tony Fertitta	CC:
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Re: Millers Mill Road - Arter Property	W.O.# 04151
Date: May 20, 2016	Pages: 3 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:

Hank:

Enclosed please find Two (2) prints and amylar of the drawing entitled " Perc Certification Plan " dated May 19, 2016. If we may be of any further assistance, please do not hesitate to call.

Very truly yours,


Tony Fertitta

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Oswald, Hank

From: Oswald, Hank
Sent: Monday, May 23, 2016 11:48 AM
To: 'Stephanie Tuite'
Subject: RE: Arter Property / Millers Mill Road
Attachments: Perc Test and Plan Requirements.pdf

Hi Steph:

I just received the perc cert plan. At a quick glance, the legend needs revising to accurately reflect what's on the plan. General Note #4 on your plan should read the same as Note #3 on page 2 of the attached document.

As soon as we have a signed perc cert plan, we can issue the well permit.

Thanks,

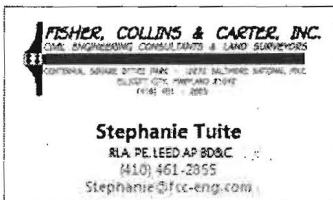
Hank

From: Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]
Sent: Monday, May 23, 2016 11:27 AM
To: Oswald, Hank
Subject: Arter Property / Millers Mill Road

Hank,

We sent the Perc Cert for Arter Property / Millers Mill Road on Friday. Do you have everything you need to issue the well permit, or do you need something additional? Our client needs to have the well drilled as soon as possible. Their settlement is within the next two weeks, and the bank needs the well drilled in order to settle. Let me know anything you might need from us.

Steph



Transmittal

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

To: **Bureau of Environmental Health**
8930 Stanford Boulevard
Columbia, MD 21046-4544

Attn: **Jeff**
Fax: **(410) 313-2648**
Phone: **(410) 313-2640**

From: **Tony Fertitta**

CC:

Re: **Millers Mill Road - Arter Property**

W.O.# **04151**

Date: **March 15, 2016**

Pages: **3** Page(s) Including this cover

We are forwarding: Prints Copy of Letter Specifications Shop drawings Other
 Urgent For your use As requested For Review & Comment

Remarks:

Jeff:

Enclosed please find Two (2) prints of the drawing entitled " Perc Application Plan " dated March 15, 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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Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, May 25, 2016 10:12 AM
To: 'Brian Furlong'
Subject: RE: Millers Mill Road_Perc Test Result

Hi Brian:

I am still working with the engineer on finalizing the Percolation Cert Plan. Hopefully, it won't be much longer.

Respectfully,

Hank

From: Brian Furlong [<mailto:brianfurlong98@yahoo.com>]
Sent: Wednesday, May 25, 2016 10:09 AM
To: Oswald, Hank
Subject: Re: Millers Mill Road_Perc Test Result

Hi Hank,

Hope all is well with you sir. Sorry to bug you again. I have a quick question about our final perk certification and well plan. What else do we have to do on our end to have these two items approved? Our bank is breathing down our necks for these two things to be completed and I want to make sure that The engineers have gotten everything to you that you need.

Thank you again.

Brian Furlong
410-300-4627

Sent from my iPhone

On Apr 11, 2016, at 12:49 PM, Oswald, Hank <hoswald@howardcountymd.gov> wrote:

You're welcome.

From: Brian Furlong [<mailto:brianfurlong98@yahoo.com>]
Sent: Monday, April 11, 2016 12:26 PM
To: Oswald, Hank
Subject: Re: Millers Mill Road_Perc Test Result

Hi Hank,

Thank you for answering all my questions last week and completing this report so quickly.

Take good care,

Brian Furlong

Sent from my iPhone

On Apr 11, 2016, at 10:17 AM, Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Good morning All:

Attached, you will find a copy of the perc test notes, report and septic specs for Millers Mill Road (Map 14, Parcel 27) . 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)

<Perc Test Report_Millers Mill Road_Map 14 Parcel 27_4.11.2016.pdf>

<Perc Test Notes_Millers Mill Road.pdf>

<Septic Spec_Millers Mill Road.pdf>

Oswald, Hank

From: Oswald, Hank
Sent: Monday, April 11, 2016 10:17 AM
To: Stephanie Tuite (Stephanie@fcc-eng.com); brianfurlong98@yahoo.com
Subject: Millers Mill Road_Perc Test Result
Attachments: Perc Test Report_Millers Mill Road_Map 14 Parcel 27_4.11.2016.pdf; Perc Test Notes_Millers Mill Road.pdf; Septic Spec_Millers Mill Road.pdf

Good morning All:

Attached, you will find a copy of the perc test notes, report and septic specs for Millers Mill Road (Map 14, Parcel 27)
. 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)



HOWARD COUNTY HEALTH DEPARTMENT

58031

AS

DATE 3/15/16

Received From

Brian Furlong

PHONE #

For

Porc App / Miller Yellow
parcel 27

CASH

CHECK

NO.

2155

Five hundred 54

Dollars

\$

506

Received By

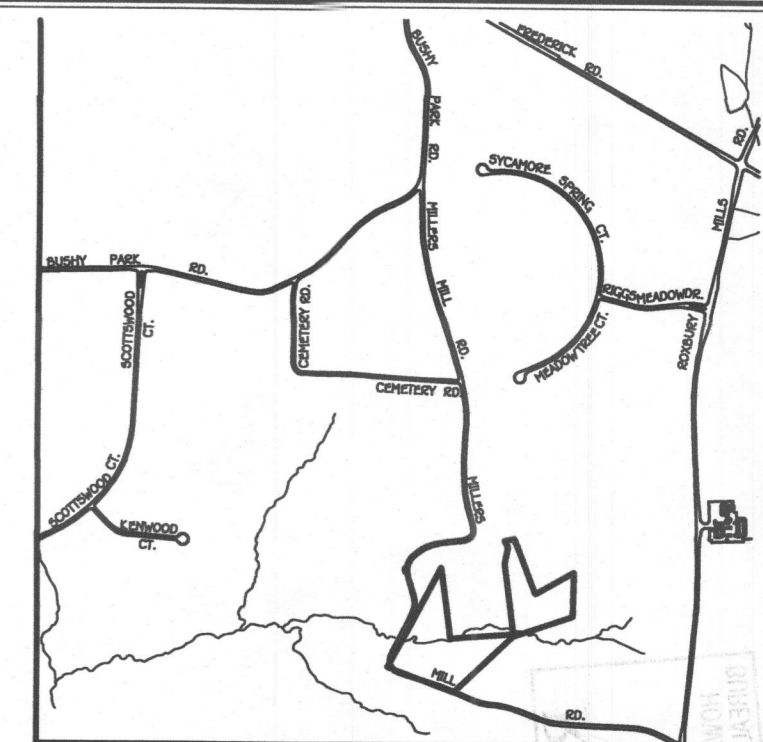
OK

LEGEND

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

SOILS LEGEND

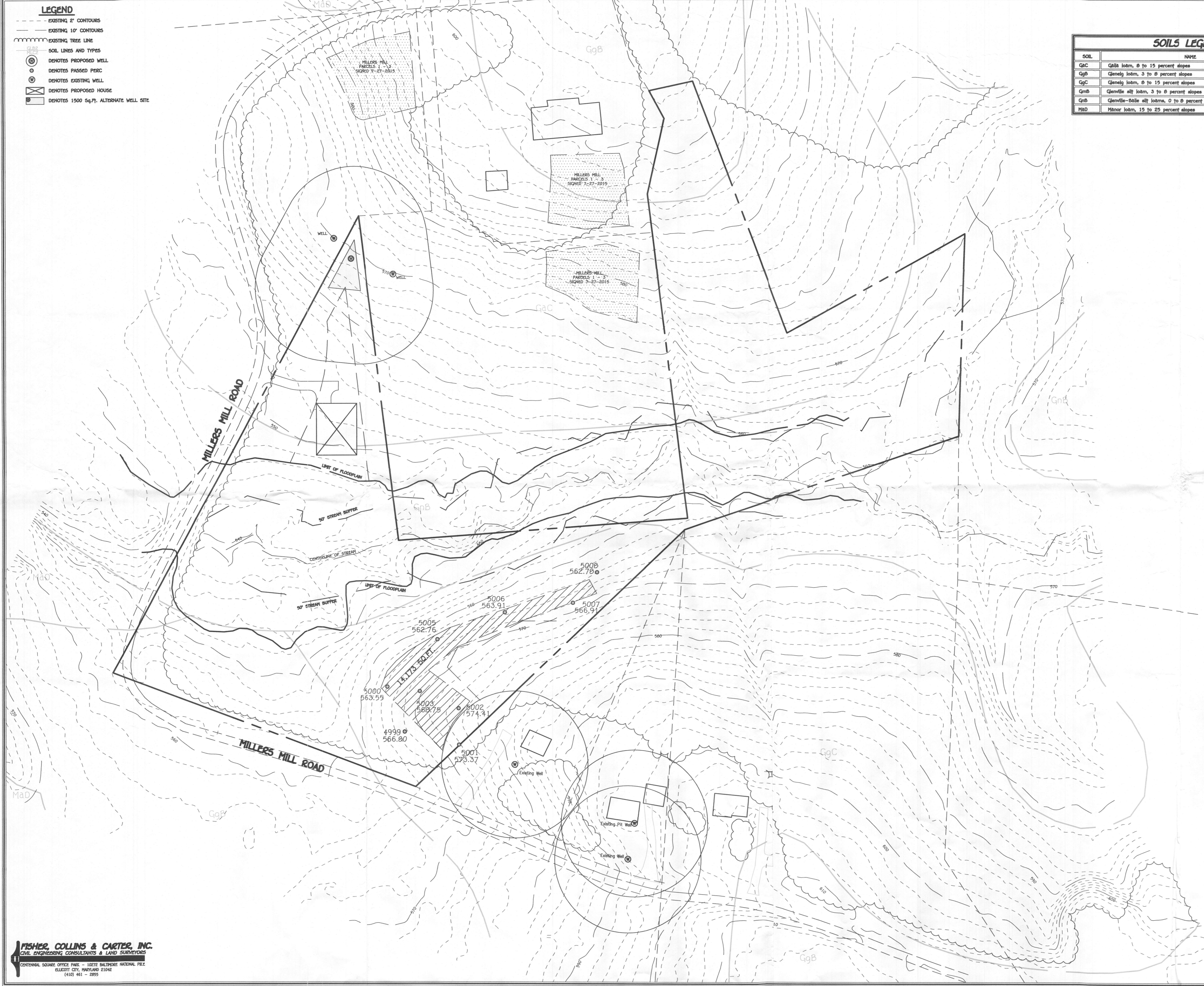
SOIL	NAME	CLASS
GaC	Gailla loam, 0 to 15 percent slopes	B
GgB	Glennly loam, 3 to 8 percent slopes	B
GgC	Glennly loam, 0 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GmB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
MdD	Minor loam, 15 to 25 percent slopes	B



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. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
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 DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "CONSENT 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 AND FIELD VERIFIED AROUND PERC AREA
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 740 FOLD 651
11. SHOW DIRECTIONAL BORE DESIGN ON THE BAT PLAN OR OBTAIN MDE STREAM CROSSING PERMIT.



PERC CERTIFICATION
I certify that the locations shown herein are based on field locations done under my direct supervision and are correct to the best of my professional knowledge.
Terrell A. Fisher 5/23/16
Signature of Professional Land Surveyor Date
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Brittan Lee Mann Rossman 5/27/2016
COUNTY HEALTH OFFICER DATE

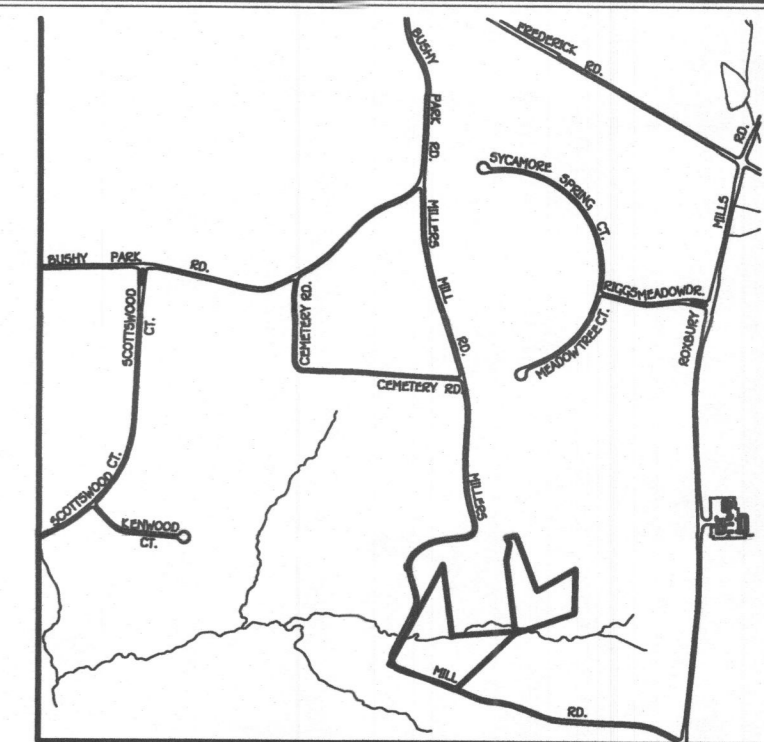
PERC CERTIFICATION PLAN
PROPERTY OF
ARTER PROPERTY

ZONED: RC-DEO
TAX MAP #14 GRID: 4 PARCEL: 27
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=60' DATE: MAY 23, 2016

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- - - EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- ⊙ DENOTES PASSED PERC
- ⊙ DENOTES EXISTING WELL
- ⊙ DENOTES PROPOSED HOUSE
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

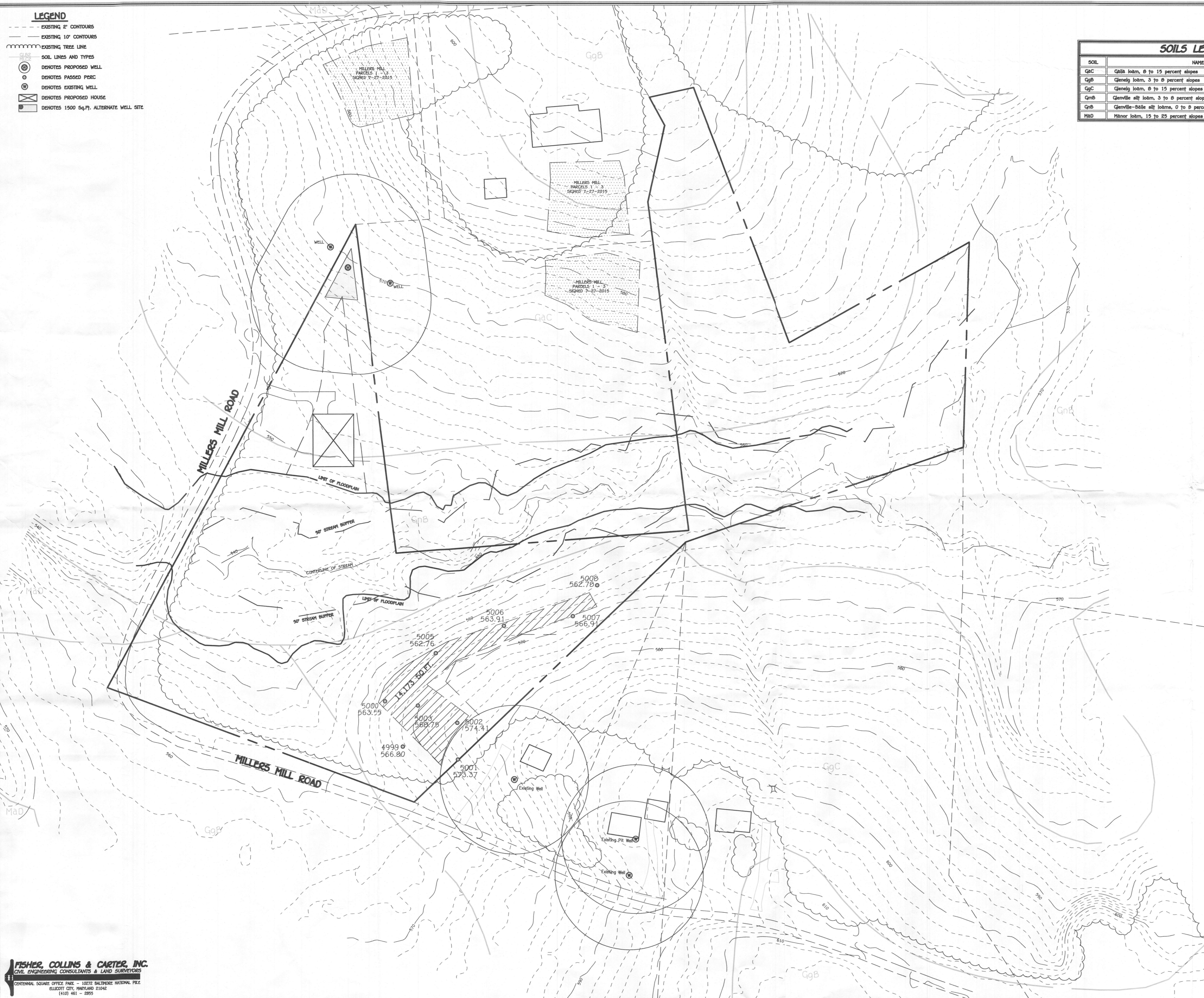
SOILS LEGEND		
SOIL	NAME	CLASS
GgC	Gilia loam, 0 to 15 percent slopes	B
GgB	Glennly loam, 3 to 8 percent slopes	B
GgC	Glennly loam, 0 to 15 percent slopes	B
GmB	Glennville silt loam, 3 to 8 percent slopes	C
GmB	Glennville-Balle silt loams, 0 to 8 percent slopes	C
MaD	Manor loam, 15 to 25 percent slopes	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 COMPLEES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
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 DEVELOPERS 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 AND FIELD VERIFIED AROUND PERC AREA.
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 746 FOLIO 651
11. SHOW DIRECTIONAL BORE DESIGN ON THE BAT PLAN OR OBTAIN MDE STREAM CROSSING PERMIT.



PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct based on my professional knowledge and belief.
Signature of Professional Land Surveyor: *Terrill A. Fisher* 5/23/16
TERRILL A. FISHER, PROFESSIONAL LAND SURVEYOR No. 10692 Expires 12/15/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Signature for Mauna Roseman 5/27/2016
COUNTY HEALTH OFFICER: u.c. DATE

PERC CERTIFICATION PLAN
PROPERTY OF
ARTER PROPERTY

ZONED: RC-DEO
GRID: 4
PARCEL: 27
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: MAY 23, 2016
SCALE: 1"=60'

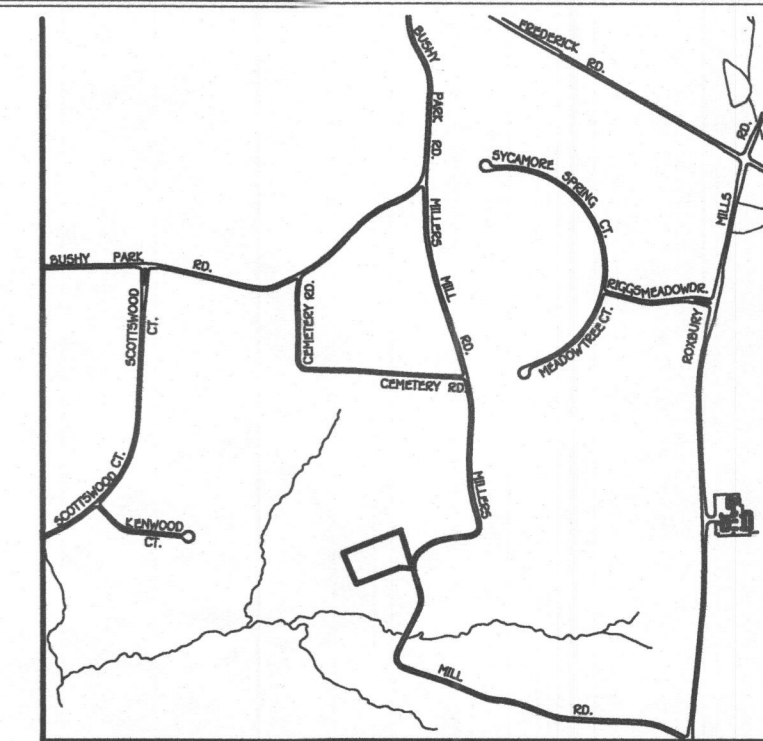
LEGEND

- 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
GqC	Galla loam, 8 to 15 percent slopes	B
GqB	Glenelg loam, 3 to 8 percent slopes	B
GgC	Glenville loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
MaD	Minor loam, 15 to 25 percent slopes	D

- NOTES:**
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas



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 OFFICE 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 RECORDED PLAT.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY QS 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 FOLD 61.

