



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

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

Please note that many of our Well and Septic Program records are now available on our website. http://hcenvhealthinfo.org/hcenvapp

Public Information Act Request Form

Required Property Information:
Current Owner's Name: Al-Samarrai
Property Address: 13245 Hunt Ridge Rd
Subdivision:
Tax Account Number:
Lot #:
Tax Map:
Parcel: 8B

Applicant's name: Elizabeth Connor Phone #: 410-531-5822
Address: 13364 Hunt Ridge Ellicott City, MD 21042

Please indicate preferred response method for your request:

Regular Mail Fax #:
Email: beth5822@gmail.com

Select from the following records:

Well & Septic Program

Percolation Results
Well Completion Report
Other (specify)
Septic Construction Plan (As built)
Complete Lot File

Food Protection Program

Inspection Report - Food Facility Name:
List of food facilities
Other (Please explain):

Community Hygiene Program

Complaint Investigation Reports
Registered Storage Tanks
Rabies Case Reports
Well Water Sampling
Pool Inspection Records
Other

I understand that I will be charged \$ 0.60 per page copied. If staff time in record retrieval takes more than two (2) hours, then a fee of \$25.00 per hour after two (2) hours will be assessed. Also, I do understand that I will not be able to request any proprietary information enclosed in the file and all copies larger than 11"x17" may best be provided by the proprietor of the document. I also realize that it may take up to thirty (30) days to process this request.

Applicant's Name (please print): Elizabeth Connor
Applicant's Signature: [Signature]
Date: 12/6/19

FOR OFFICE USE ONLY
Date Received
Date Completed
70 # of Copies
Staff Initials

## Davis, Michael J

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**From:** Tee Tillman <tee.tillman@colonytitle.com>  
**Sent:** Friday, November 22, 2019 12:48 PM  
**To:** Davis, Michael J  
**Cc:** O'Brien, Lisa  
**Subject:** FW: 13245 hunt ridge road

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

I am resending in case you did not receive this before. Look forward to hearing from you

Sincerely

Edwin "Tee" Tillman, Jr.  
Colony Title Group, President  
Tillman, Shehan & Letzkus, LLC  
Title Producer License No: 42479

5950 Symphony Woods Road, Suite 418  
Columbia, MD 21044  
P: (410)884-1160 / F: (410)884-1167  
[Tee.Tillman@colonytitle.com](mailto:Tee.Tillman@colonytitle.com)

---

**From:** Tee Tillman  
**Sent:** Wednesday, November 20, 2019 1:32 PM  
**To:** mjDavis@howardcountymd.gov  
**Cc:** O'Brien, Lisa  
**Subject:** 13245 hunt ridge road

Mike I got your name from Lisa O'Brien. I have been working on a problem since last November on behalf of the Sammrais who purchased 13245 Hunt Ridge Road. Mr. Williams who is in charge of septic s is aware of the problem.

Last November the sammrais applied for a building permit for 13245 Hunt Ridge road only to be informed by the county that the percs for their property sit on 19 two foot wide pipestems owned by 19 separate owners. The pipestems were created under the McGill ruling in the 70s . We were told to get quit claims from the neighbors for part of the pipestems in question, which I attempted to do starting in November of last year. Did not have much success, In February at the suggestion of some of the neighbors, we prepared an easement for their signature. Only 3 agreed. Met with the neighbors in May at the property, even agreed to pay for their legal representation, but got no where. Finally filed a suit for adverse possession, which should succeed , but the neighbors attorney filed a motion to dismiss which we have to amend our complaint. All the neighbors say they want to help the Sammrais but they have contacted their mortgage lenders and the mortgage lenders want a 2000.00 fee each (there are 16 ) to review any modification of the property they have a lien on (even tho the pipestem is 1000 feet away from the lot and of no value). So my client has no viable way to build their house without a protracted legal battle because of the neighbors insistence that their lenders be involved.

My question to you is , if we get the neighbors to sign a license which would be held in your office, stating that they have no objection to Sammrais having a septic field over the pipestems, would that be acceptable to the county. That way there would be nothing recorded in the land records and the county would know that the neighbors are okay with the location of the septic field. Please give me a call when you have an opportunity

Sincerely

Edwin "Tee" Tillman, Jr.  
Colony Title Group, President  
Tillman, Shehan & Letzkus, LLC  
Title Producer License No: 42479

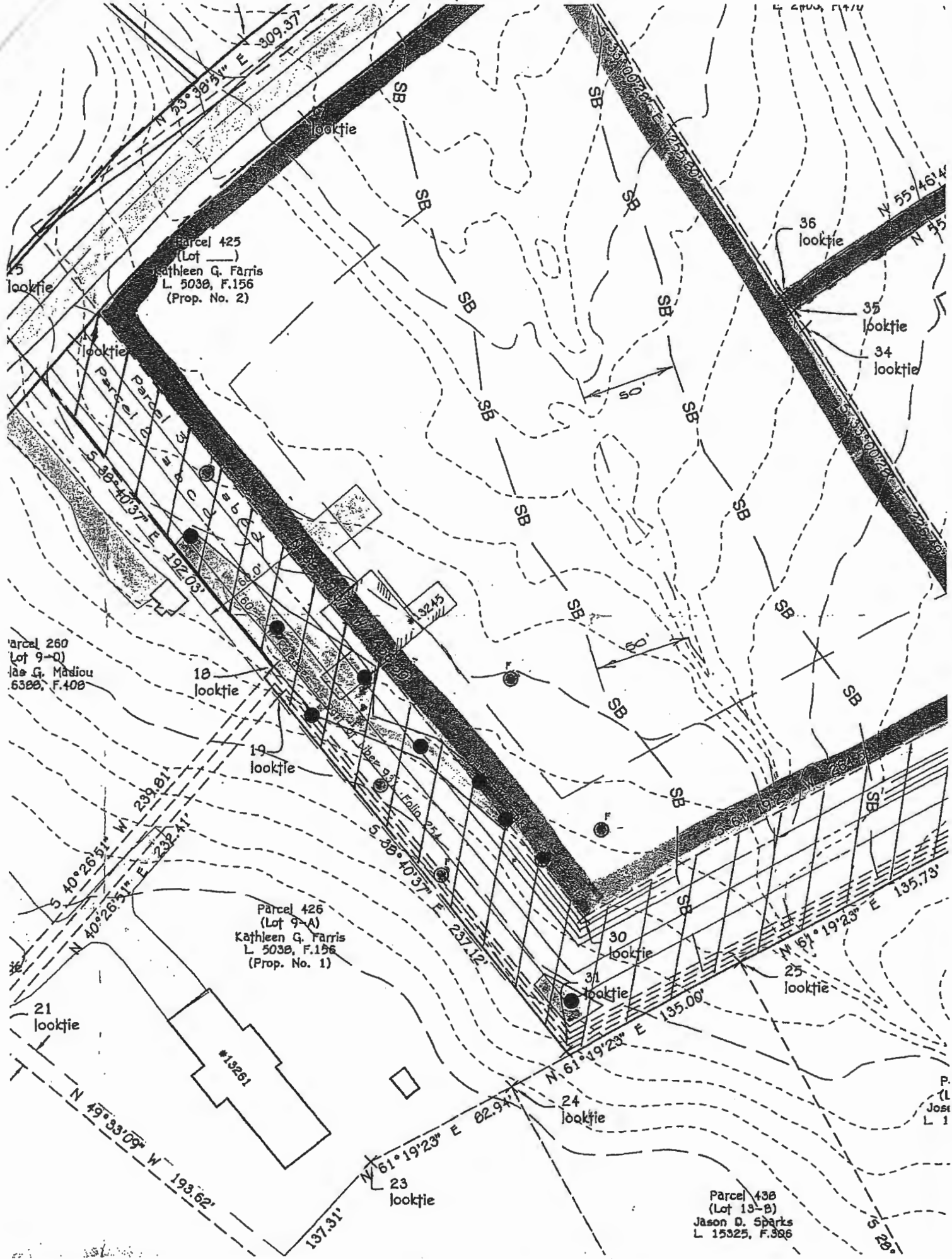
5950 Symphony Woods Road, Suite 418  
Columbia, MD 21044  
P: (410)884-1160 / F: (410)884-1167  
[Tee.Tillman@colonytitle.com](mailto:Tee.Tillman@colonytitle.com)

12/5/2019 3:15 PM Called Tee Tillman

- No easy solution.
  - Need agreement recorded in land records w/ separate property owners and property owner.
  - Unfortunate that the paperwork was not identified before the property was purchased.
  - Also, not shown on previous art.
  - I'm not sure what the county (not health) meant when they said it was billable.
  - Met w/ Tony & Tracy w/ FCC about their property.
  - I am open to looking at any proposal, but I do not know of any solution other than the legal agreement.
- Tillman
- Last Nov. Quick Claim was unsuccessful.
  - Only 3 property owners were willing to sign agreement - Tony was sympathetic.
  - Lender charging \$2-3,000 for modification.
  - Only option left is to amend the suit for Adverse Possession.

Edwin Tillman

# EXHIBIT B



Hunt Ridge

Madellphia

Farms II

L 5038 F 156

135.<sup>00</sup>

566.92

280.29

170.73

3

**TILLMAN, SHEHAN & LETZKUS, LLC**  
**SYMPHONY WOODS OFFICE CENTER**  
**5950 SYMPHONY WOODS ROAD**  
**SUITE 418**  
**COLUMBIA, MD. 21044**

**Edwin E. Tillman, Jr.**  
**Jeffrey E. Letzkus**

**(410) 884-1166**  
**(888) 782-1566**  
**(410) 884-1167 Fax**

**Offices Also in:**  
**Stevensville, MD**  
**Westminster, MD**

**OF COUNSEL:**  
**Terry B. Blair**  
**Mark J. Hardcastle-Md & D.C.**  
**George A. Shehan**

March 5, 2019

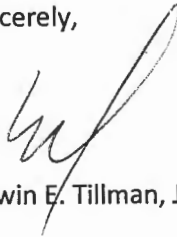
Dear Lot Owner:

*give up ownership*  
*I not what attached docs are? easement"*

First I want to thank those of you who have agreed to execute the quit claim we requested, as my clients cannot build their house without the use of portions of the area we have corresponded about. We have gone back to the county and they tell us that the only place on the lot that percs is the area where portions of the septic field would be in the area of the fee simple strips. As performing new perc is not an option, we asked whether an easement would suffice. The county has acknowledged that an easement granting the Al-Sammrais the right to put the septic field in the area would suffice. We are therefore requesting that you sign the attached easement, granting them the ability to utilize the area for their septic field so they can move forward with the building of their home. If needed we can arrange for a notary for your convenience.

I sincerely hope that this will resolve the concerns some of you have voiced and we can resolve this without further discussion. Thank you for your anticipated cooperation.

Sincerely,



Edwin E. Tillman, Jr.

*off Williams Health Dept*  
*But Nixon 410 313 1785*  
*bnixon@howardcounty.md.gov*

## DECLARATION OF EASEMENT

THIS DECLARATION OF EASEMENT, made this    day of    , 2019, by Nicholas George Madiou and Rebecca Vanselow, Joyce Bechtold, Charles R. Stirrat, Joseph Melton and Dorothy Melton, Bruce Troutman and Katherine Melton, Kenneth Brush Cotter and Marcea H. Cotter, Matthew B. Dickey and Emily G. Spencer, Allen R. Dyer and Tamara A. Dyer, Mathew Fadrowski and Kelly Fadrowski, Thomas Battles and Wisty D. Battles, Joseph T. Connor and Elizabeth A. Connor, Alan R. Jacquez and Barbara I. Jacquez, Wayne Morges and Barbara M. Morges, Kenneth Lyle Hein and Mary Angela Davids, Roberto Bernades and Asiul Chacaltana, Charles F. White and Lisa Marie White, Kathleen G. Farris, Jonathan Raimondi and Leia Ariel Raimondi (hereinafter referred to as "fee strip owners "), and, Sadiq Al-Samarrai and Eman H. Samrrai (hereinafter referred to as "Samarrai")

WHEREAS, Samarrai are the owners of Lot 8B on an unrecorded plat known as Tridelphia Farms II said Plat created on 2/24/1975, said property more particularly known as 13245 hunt Ridge Road, Ellicott City MD 21042 and recorded at Liber 17951 folio 477, and

WHEREAS, the fee strip owners are the owners of fee simple strips adjacent to Lot 8B as described herein, and

WHEREAS, pursuant to the percolation tests performed on Lot 8B the only area where there were successful perc tests for a construction of a dwelling on Lot 8B are in part over portions of the land owned by the fee simple strip owners, and

WHEREAS, the fee simple strip owners intend to grant the owners of Lot 8B an easement for the limited purpose of establishing a septic field over those portions of the fee simple strips necessary to create a septic field for the benefit of Lot 8B, and

WHEREAS, Samarrai agrees to limit the use of the easement area to the area as described on a percolation test drawing from Fisher Collins & Carter attached hereto and made a part hereof, and further agrees to indemnify the fee simple strip owners from any liability pertaining to their use of the easement area

The location of the easement area is more particularly described in EXHIBIT A, attached hereto and incorporated herein by reference and shown on the plat attached hereto as EXHIBIT B, and incorporated herein by reference (hereinafter referred to as the "Easement Area:).

NOW, THEREFORE, this Declaration witnesseth:

I. That the fee simple strip owners and Samarrai for themselves, their successors and assigns and for the benefit of all future owners of Lot8B, do hereby grant and create a perpetual easement in, under and over the Easement Area. This easement

shall run with and bind the land (hereinafter referred to as the "fee simple strips") in perpetuity.

2. Each owner of Lot 8B shall have the right to use the Easement Area, for the establishment and use of said area for a septic field to service the dwelling to be constructed on Lot 8B.

3. The benefits and burdens of this common easement shall run the full length and width of the Easement Area.

4. For the purpose of this Declaration, the term "fee strip owner" shall mean all the owners of those fee simple strips created at the time of the subdivision to establish access to a public road.

WITNESS, the hands and seals of the parties hereto as of the day and year first above written.

WITNESS:

\_\_\_\_\_

\_\_\_\_\_  
Joseph T. Connor (SEAL)

\_\_\_\_\_

\_\_\_\_\_  
Elizabeth A. Connor (SEAL)

STATE OF MARYLAND, COUNTY OF \_\_\_\_\_, to wit:

I HEREBY CERTIFY, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2019 before me, the subscriber, a Notary Public in and for the jurisdiction aforesaid, personally appeared

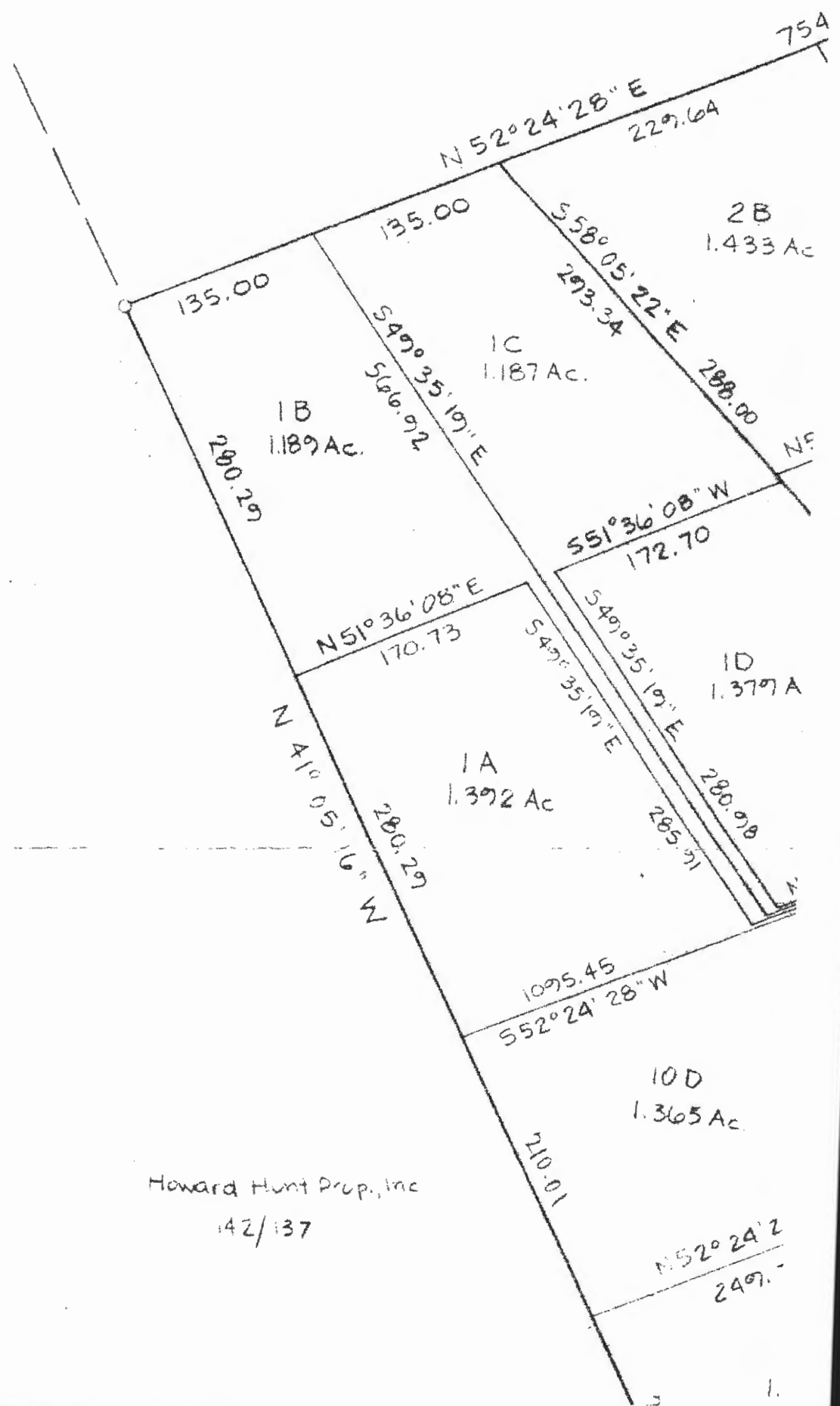
known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged the foregoing Declaration of Easement to be their act and deed.

AS WITNESS my hand and Notarial Seal.

\_\_\_\_\_  
Notary Public

My commission expires:

?



Howard Hunt Prop., Inc  
142/137

75A

NF

N







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Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

**TO ALL INTERESTED PARTIES**

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

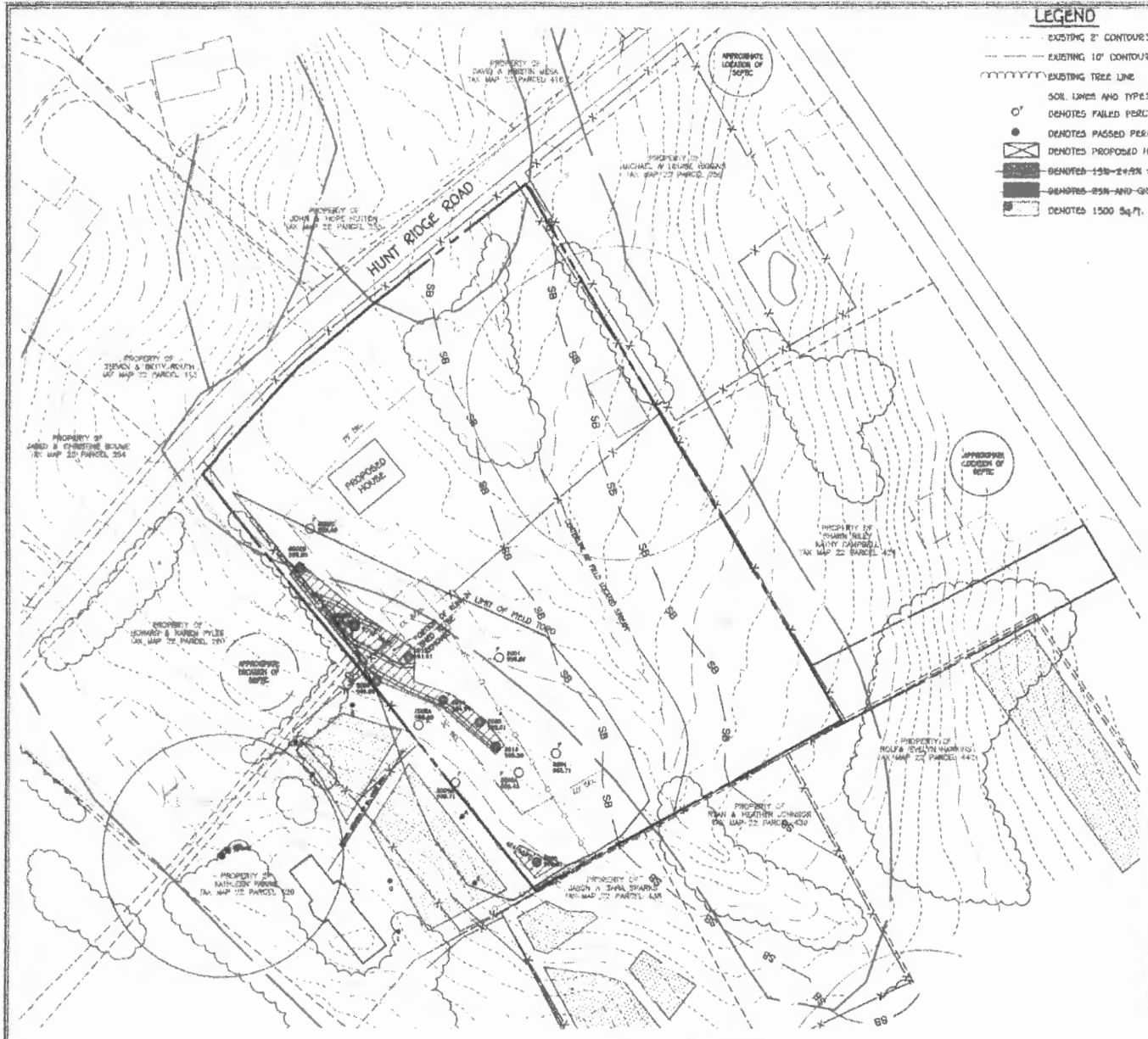
Well Site Location:

Triadelphia Farms II                                                                13245 Hunt Ridge Rd  
Subdivision/Property Name                      Lot #                      Road Name

The well site has been staked by \_\_\_\_\_  
(professional land surveyor or company employing professional land surveyors)  
on \_\_\_\_\_ (date) and does not require a site inspection.

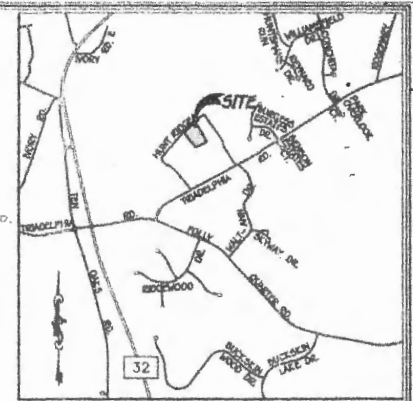
The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.



**LEGEND**

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~~~~~ EXISTING TREE LINE
- SOL LINES AND TYPES
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ▭ DENOTES PROPOSED HOUSE
- ▨ DENOTES 130-24% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPES
- DENOTES 1500 Sq Ft. ALTERNATE WELL SITE



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

**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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 ARE 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. TOPOGRAPHY SHOWN HEREON IS BASED FIELD SUN SURVEY, SUPPLEMENTED WITH HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
7. BOUNDARY SHOWN HEREON IS BASED ON DEED.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. EXISTING WELL HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC. IN AUGUST 2013.
10. THE PERC TEST LOCATIONS (ON-SITE REFLECT FIELD LOCATIONS).
11. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO COMAR TO ALLOW THE WELL ON THIS LOT TO BE LOCATED DOWN GRADIENT OF THE NEIGHBORS SEWER DISPOSAL SYSTEM AND IS SUBJECT TO THE FOLLOWING CONDITION: THE WELL MUST BE STEEL CAGED 50 FEET IN DEPTH OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS GREATER.
12. DETAILS OF INITIAL AND REPLACEMENT SYSTEM DESIGN USING TRENCHING SHOWN WILL BE PROVIDED ON A BAT PLAN PRIOR TO BUILDING PERMIT APPROVAL.
13. PROPOSED SYSTEM MUST HAVE EQUAL LENGTH TRENCHES OR BE LOW PRESSURE CLOSED. THERE MUST BE 10 FOOT SEPARATION BETWEEN TRENCHING FOR THE INITIAL SYSTEM AND TRENCHING FOR THE REPLACEMENT SYSTEM.

**PERC CERTIFICATION**

I certify that the locations shown hereon are based on field testing and data under my direct supervision and are correct to the best of my professional knowledge and belief.

*Terrell A. Fisher*  
Signature of Professional Land Surveyor  
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/17 Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY DEPARTMENT.

*William M. Mauer*  
COUNTRY HEALTH OFFICER  
2/16/2016  
DATE

**PERC CERTIFICATION PLAN**  
**13245 HUNT RIDGE**

Zoned: RR-DEO  
Tax ID No: 03-302172  
Tax Map No. 22; Grid No. 9; Parcel No. 426  
Third Election District - Howard County, Maryland  
Date: February 11, 2016 Scale: 1"=60'

**PLAN**  
SCALE: 1" = 60'

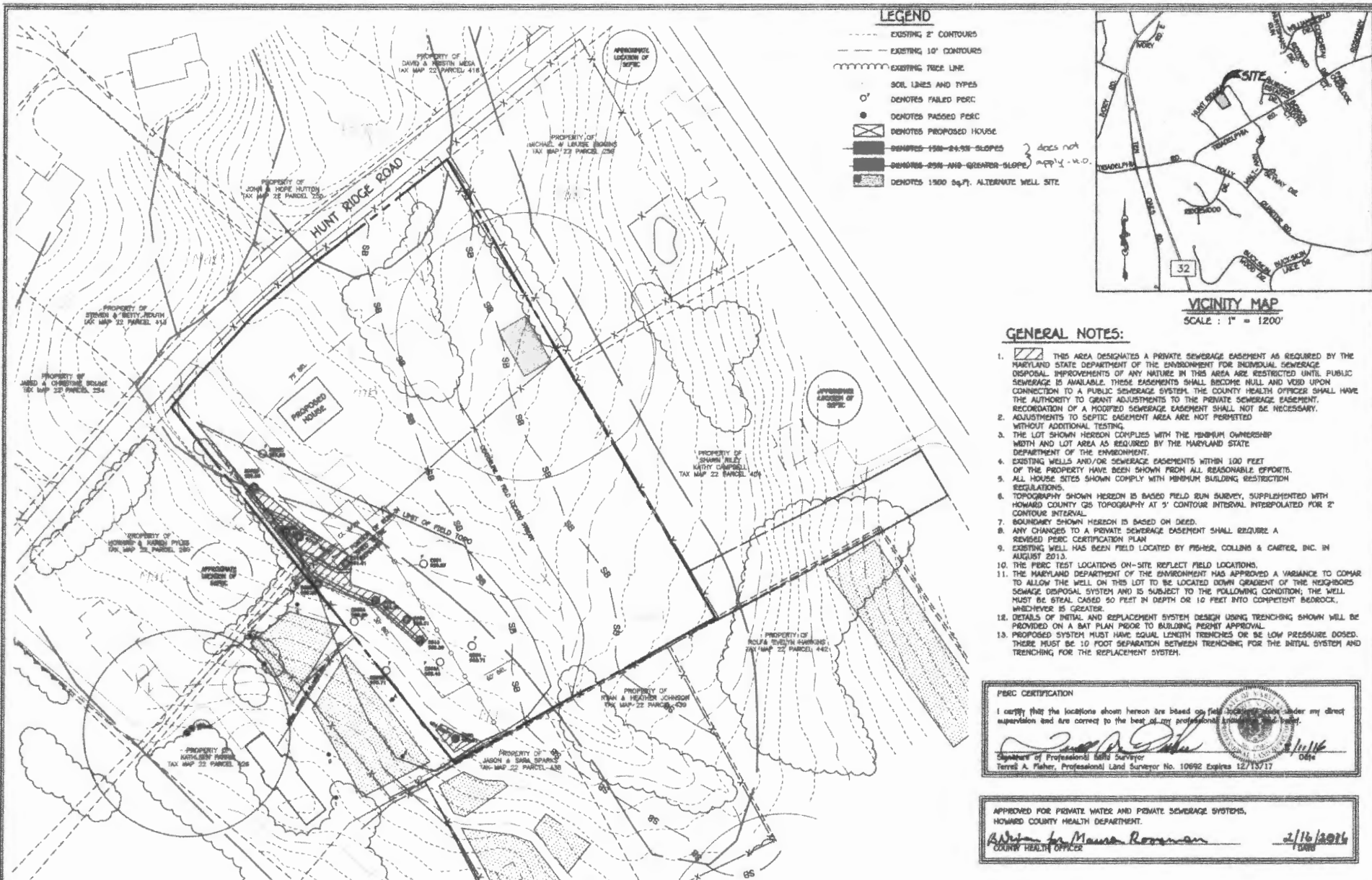
**SEPTIC SYSTEM DESIGN**

**WELLS: 2000-2000-0011**  
100 LINEAR FEET OF TRENCHING, CAPABLE OF HANDLING 851 GPD  
APPLICATION RATE = 0.8  
EFFECTIVE RESIDUAL DEPTH AT 3.0 FEET  
TRENCH DEPTH = 7 FEET  
TRENCH WIDTH (W) = 3 FEET  
EFFECTIVE DEPTH (D) = 4 FEET

**WELLS: 2000-2000-0012**  
100 LINEAR FEET OF TRENCHING, CAPABLE OF HANDLING 481 GPD  
APPLICATION RATE = 0.8  
EFFECTIVE RESIDUAL DEPTH AT 3.0 FEET  
TRENCH DEPTH = 8 FEET  
TRENCH WIDTH (W) = 3 FEET  
EFFECTIVE DEPTH (D) = 5 FEET

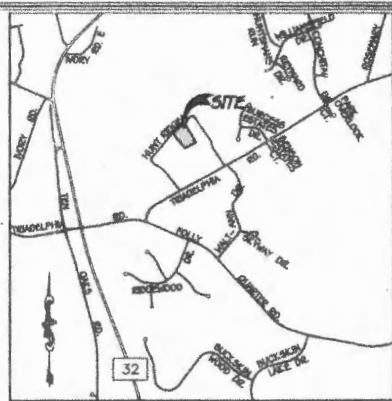
**FISHER, COLLINS & CARTER, INC.**  
LAND ENGINEERING, CONSULTANTS & LAND SURVEYORS  
18700 WOODBURN DRIVE #100  
BETHESDA, MD 20814  
301-441-7999

**OWNERS**  
KATHLEEN FARRES  
13245 HUNT RIDGE ROAD  
ELLICOTT CITY, MARYLAND 21042  
443-227-3290



**LEGEND**

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES FAILED PERC
- DENOTES PASSED PERC
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*Terrill A. Fisher*  
 Signature of Professional Land Surveyor  
 Terrill A. Fisher, Professional Land Surveyor No. 10692 Expires 12/15/17

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.

*Maura Roman*  
 COUNTY HEALTH OFFICER

2/16/2016  
 DATE

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**13245 HUNT RIDGE**

Zoned: RR-DEO  
 Tax ID No: 03-302172  
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 Third Election District - Howard County, Maryland  
 Date: February 11, 2016 Scale: 1"=60'

**PLAN**  
 SCALE: 1" = 60'

**SEPTIC SYSTEM DESIGN**

**NO. 25 PERC, PERC, S01**  
 150 LINEAL FEET OF TRENCHING CAPABLE OF HANDLING 851 GPD  
 APPLICATION RATE = 0.8  
 EFFECTIVE SPREADAL BEDS @ 3.0 FEET  
 TRENCH DEPTH = 7 FEET  
 TRENCH WIDTH (W) = 3 FEET  
 EFFECTIVE DEPTH (D) = 4 FEET

**NO. 25 PERC, PERC, S03**  
 150 LINEAL FEET OF TRENCHING CAPABLE OF HANDLING 461 GPD  
 APPLICATION RATE = 0.8  
 EFFECTIVE SPREADAL BEDS @ 3.0 FEET  
 TRENCH DEPTH = 8 FEET  
 TRENCH WIDTH (W) = 3 FEET  
 EFFECTIVE DEPTH (D) = 3 FEET

**FISHER, COLLINS & CARTER, INC.**  
 254 PROFESSIONAL ENGINEERS & LAND SURVEYORS  
 NATIONAL SQUARE OFFICE BLDG. 10772 BALTIMORE NATIONAL PKY  
 ELICOTT CITY, MARYLAND 21042  
 (443) 861-7290

**OWNERS**  
 KATHLEEN FABROS  
 13245 HUNT RIDGE ROAD  
 ELICOTT CITY, MARYLAND 21042  
 443-227-3290

**FISHER, COLLINS  
& 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>Bureau of Environmental Health</b> <b>8930 Stanford Blvd</b> <b>Columbia, MD 21046-4544</b>	Attn: <b>Hank Oswald</b> Fax: <b>(410) 313-2648</b> Phone: <b>(410) 313-2640</b>
--	--

From: <b>Stephanie Tuite</b>	CC:
------------------------------	-----

Re: <b>Hunt Ridge - Percolation Certification Plan</b>	W.O.# <b>13010-3001</b>
Date: <b>02/11/2016</b>	Pages: <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 checked="" 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:

**Attached please find three (3) copies of the revised Percolation Certification Plan Dated February 11, 2016.**

**Septic system calculations have been shown and two notes have been added as requested.**

**Please call with any questions.**

**Stephanie Tuite, RLA, PE, LEED AP BD&C**  
**Fisher, Collins & Carter, Inc.**

**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.

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, February 11, 2016 1:01 PM  
**To:** Stephanie Tuite (Stephanie@fcc-eng.com)  
**Subject:** Huntridge Perc Cert Plan  
**Attachments:** Hunt Ridge Perc Cert Revisions.pdf

Steph:

A couple of items were noted on plan at final signature phase of review. Please see attached plan highlighting items to be removed and/or altered.

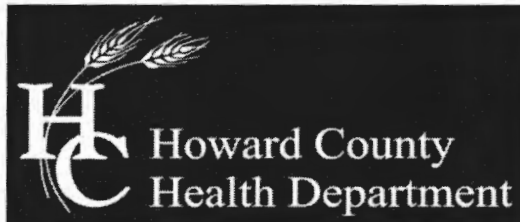
- 1.) Remove all highlighted items from the legend because they are unnecessary.
- 2.) Remove note # 10 from plan because the plan is utilizing a well box.
- 3.) Make failed perc symbols consistent on plan. Change highlighted symbols on plan to "o".
- 4.) Remove "T1-21 LF" on plan next to SDA. See highlighted marking on plan adjacent SDA.

Any questions, please let me know.

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)





## 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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

---

February 1, 2016

Fisher, Collins and Carter  
Centennial Square Office  
10272 Baltimore National Pike  
Ellicott City, MD 21042  
Attn: Stephanie Tuite

*Sent via email to: [Stephanie@fcc-eng.com](mailto:Stephanie@fcc-eng.com)*

**RE: Revised Perc Cert Comments  
Hunt Ridge Road**

Stephanie:

Currently, the revised percolation certification plan for Hunt Ridge doesn't show enough trenching for the initial system. It only shows 84 feet of trench and 105 feet is needed for the initial system. In addition, the plan must show 10 foot separation between trench ends for the 1<sup>st</sup> and 2<sup>nd</sup> systems. In other words, the laterals for the 1<sup>st</sup> system cannot share a common trench with the lateral for a future replacement system. There must be a 10' separation between those trenches.

In discussions with Jeff, it was decided that instead of showing initial and replacement systems on the percolation certification plan, just show trenching as it is currently laid out without the labels and the details will be shown on the BAT plan. You will just show the trenching and calculations to prove that you have 1200 gpd worth of trenching. In the calculations, just show the following:

**Holes 2002D, 2002B, and 2011 – 149 linear feet of trenching, Capable of handling 851 gpd**

- Application Rate = 0.8
- Effective Sidewall Begins @ 3 ft
- Trench Depth = 7 ft
- Trench Width = 3 ft
- Effective Depth = 4 ft

**Holes 5000, 2014, and 2013 – 128 linear feet of trenching, Capable of handling 461 gpd**

- Application Rate = 0.6
- Effective Sidewall Begins @ 3 ft
- Trench Depth = 6 ft
- Trench Width = 3 ft
- Effective Depth = 3

Add these two notes to the plan:

- 1.) Details of initial and replacement system design using trenching shown will be provided on a BAT Plan prior to building permit approval
- 2.) Proposed system must have equal length trenches or be low pressure dosed. There must be 10 foot separation between trenching for the initial system and trenching for the replacement system.

Prior to submitting hard copies, please submit e-copy for review. 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

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, February 01, 2016 11:58 AM  
**To:** Stephanie Tuite (Stephanie@fcc-eng.com)  
**Subject:** Hunt Ridge Revised Perc Cert Plan Comments  
**Attachments:** Perc Cert Plan\_Response Letter\_2 1 2016.pdf

Hi Stephanie:

Please see attached letter for comments about the Hunt Ridge Revised Percolation Certification Plan.

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

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:** Thursday, November 19, 2015 1:52 PM  
**To:** Stephanie Tuite (Stephanie@fcc-eng.com)  
**Cc:** ensignsgrace@hotmail.com  
**Subject:** Hunt Ridge\_Septic Specs

Stephanie:

With regard to the septic specs, I can say that along the contour encompassing test holes 5000, 2014 and 2013, the application rate would be 0.6 the effective area beginning depth would be 3 ft and the maximum bottom depth would be 8ft. 6 (based on hole 2013)

Along the contour encompassing 2002D, 2002B and 2011, the application rate would be 0.8, the effective area beginning depth would be 3 ft and the maximum bottom depth would be 8ft. 7

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

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)

100

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, January 06, 2016 3:56 PM  
**To:** Stephanie Tuite (Stephanie@fcc-eng.com)  
**Subject:** Perc Cert Plan - Hunt Ridge Road - Comments  
**Attachments:** Variance Request Letter.docx

Hi Steph:

The following comments apply to the percolation certification plan received on 1/5/16.

- 1.) All trenches should be 10 feet apart. Increase spacing between T1 (20 foot long trench) and T2-T4 (63 foot long trench) to 10 feet.
- 2.) Remove Note # 12 from plan.
- 3.) Obtain signed variance request letter from owner regarding down gradient well approval from MDE (see attached simplified request letter template).
- 4.) Add the following note to the plan; The Maryland Department of the Environment has approved a variance to COMAR to allow the well on this lot to be located down gradient of the neighbors sewage disposal system and is subject to the following condition; the well must be steel cased 50 feet in depth or 10 feet into competent bedrock, whichever is greater.

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

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)

19 January 2016

TO: Howard County Health Department (J. Williams; H. Oswald)

FROM: Kathleen Farris, owner 13245 Hunt Ridge, Ellicott City MD 21042

SUBJ: Variance requested for well site for 13245 Hunt Ridge, Ellicott City MD 21042

Respectfully request variance under COMAR 26.04.02(5)(B)(2) for well for 13245 Hunt Ridge, Ellicott City MD 21042 which is located approximately 250' downhill from 13229 Hunt Ridge, septic system, and offset 160' N/NW from it. Well site located by Fisher Collins and Carter in documents submitted to Howard County 7 January 2016.

*Kathleen Farris, 19 Jan 2016*

*410/227 - 3290*

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, December 21, 2015 10:06 AM  
**To:** 'Kathleen Farris'; stephanie@fcc-eng.com  
**Subject:** RE: Hunt Ridge - Farris Perc Cert  
**Attachments:** Hunt Ridge\_Previous Comment.pdf

Hi Kate:

The outline of the Sewage Disposal Area on the percolation certification plan received on 12/18/2015 doesn't match up with my previous correspondence (See attachment; SDA is outlined in Red). In addition, note 12 doesn't apply and should be removed and replaced with this note, *The purpose of this plan is to show passing percolation test holes. This lot is not approved for residential construction until a plan showing how an appropriately sized initial and two replacement systems can fit in an approved area approved by the Health Department.*

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

Thanks,

Hank

---

**From:** Kathleen Farris [mailto:ensignsgace@hotmail.com]  
**Sent:** Sunday, December 20, 2015 8:13 AM  
**To:** Oswald, Hank; stephanie@fcc-eng.com  
**Subject:** RE: Hunt Ridge - Farris Perc Cert

Hi Hank: I think Steph sent these to you last week. This should conclude this project right? We can move on to the well. I'm anxious to get this property to closing since its approaching two years to get to this point.

Thanks so much for your help with all this. Merry Christmas!  
kate

---

**From:** [hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)  
**To:** [Stephanie@fcc-eng.com](mailto:Stephanie@fcc-eng.com)  
**CC:** [ensignsgace@hotmail.com](mailto:ensignsgace@hotmail.com)  
**Subject:** RE: Hunt Ridge - Farris Perc Cert  
**Date:** Fri, 11 Dec 2015 14:30:48 +0000

Hi Stephanie:

Please see attached plan for acceptable SDA outlined in red. The SDA needs to stay right on the edge of the passing holes due to close proximity of failing holes.

Also, Jeff took another look at the septic specs sent to you on 11.19.2015 and made the following changes;

The contour encompassing test holes 5000, 2014 and 2013, the application rate would be 0.6 the effective area beginning depth would be 3 ft and the maximum bottom depth would be 8 ft. (changed to 6 ft.)

Along the contour encompassing 2002D, 2002B and 2011, the application rate would be 0.8, the effective area beginning depth would be 3 ft and the maximum bottom depth would be 8 ft. (changed to 7 ft.)

Please show how the trenches will fit inside the SDA and how a house will fit on the lot.

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

Thanks,

Hank

---

**From:** Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]

**Sent:** Monday, December 07, 2015 10:46 AM

**To:** Oswald, Hank

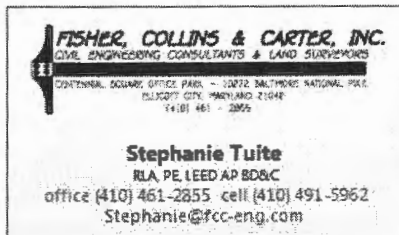
**Cc:** Kathleen Farris ([ensignsgace@hotmail.com](mailto:ensignsgace@hotmail.com))

**Subject:** Hunt Ridge - Farris Perc Cert

Hank,

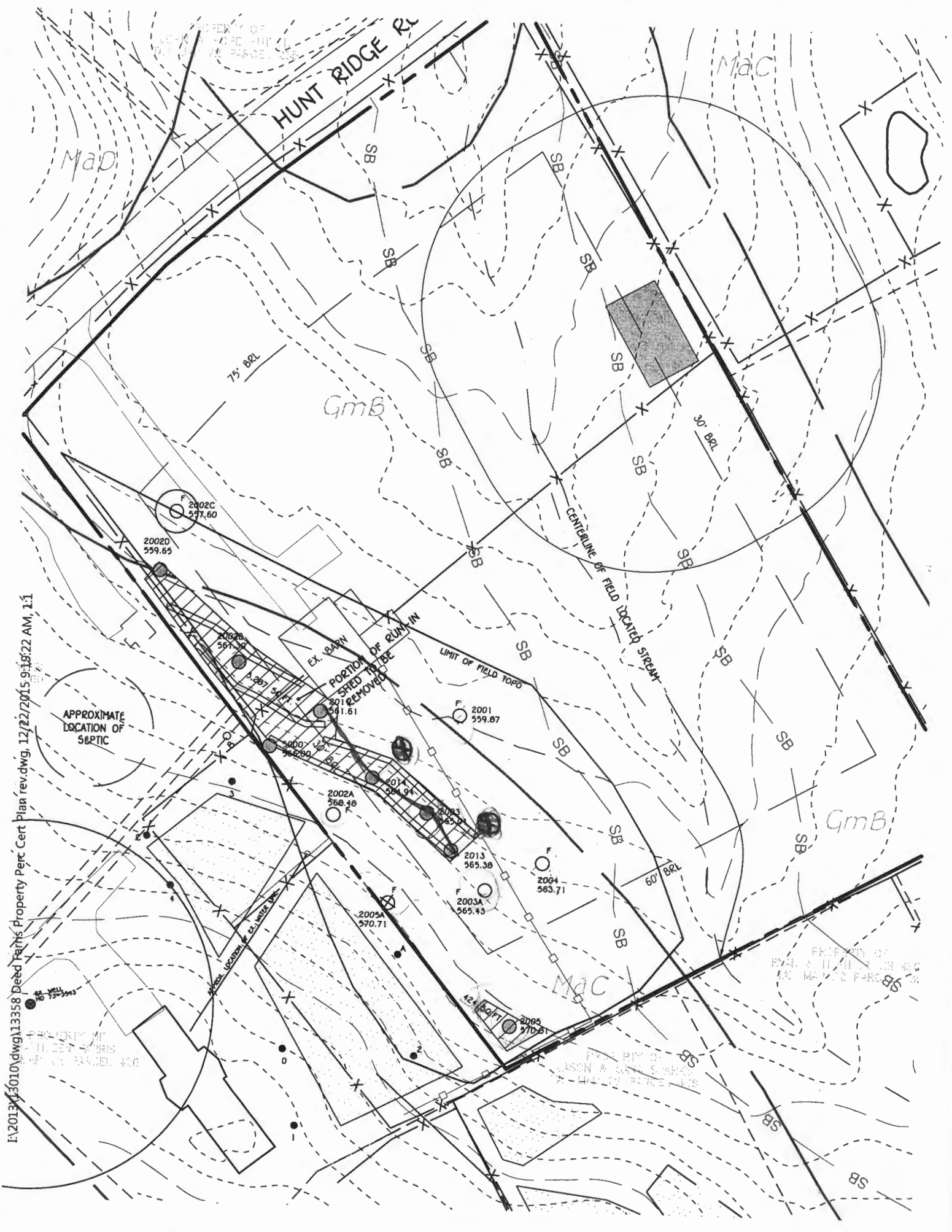
Please take a look and let me know if the areas I have shown will be approvable to you and Jeff. I have kept the easement located above the fence along contour with the passed hole 2011. Also have created a small septic easement to the far side of the property associated with hole 2008 and hole A on the property with her house, enough for a trench should it be needed. Let me know if this is good or whether you wish to see any changes. Thanks.

Stephanie



Right click this card to add me to your contacts.

I:\2013\3010\dwg\13358 Deed Fairns Property Perc Cert Plan (rev.dwg, 12/22/2015 9:19:22 AM, 1:1



PROPERTY OF  
FAIRNS & SONS INC  
100 MARKET STREET  
MARIETTA, GA

PROPERTY OF  
FAIRNS & SONS INC  
100 MARKET STREET  
MARIETTA, GA

# Transmittal

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

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

From: <b>Stephanie Tuite</b>	CC:
------------------------------	-----

Re: <b>Hunt Ridge - Percolation Certification Plan</b>	W.O.# <b>13010-3001</b>
Date: <b>01/22/2016</b>	Pages: <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 checked="" 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:

**Attached please find two copies of the revised Percolation Certification Plan Dated January 7, 2016.**

**Please call with any questions.**

**Stephanie Tuite, RLA, PE, LEED AP BD&C  
Fisher, Collins & Carter, Inc.**

---

## 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.

# Transmittal

Via:  Fax  Mail  Messenger  E-Mail  To Be Picked Up  
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To: <b>Bureau of Environmental Health</b> <b>8930 Stanford Blvd</b> <b>Columbia, MD 21046-4544</b>	Attn: <b>Hank Oswald</b> Fax: <b>(410) 313-2648</b> Phone: <b>(410) 313-2640</b>
--	--

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

Re: <b>Hunt Ridge - Percolation Certification Plan</b>	W.O.# <b>13010-3001</b>
Date: <b>12/18/2015</b>	Pages: <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 checked="" 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:

**Attached please find two copies of the Percolation Certification Plan Dated December 2015.**

**Please call with any questions.**

**Stephanie Tuite, RLA, PE, LEED AP BD&C**  
**Fisher, Collins & Carter, Inc.**

---

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

From: <b>Stephanie Tuite</b>	CC:
------------------------------	-----

Re: <b>Hunt Ridge - Percolation Certification Plan</b>	W.O.# <b>13010-3001</b>
Date: <b>01/05/2016</b>	Pages: <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 checked="" 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:

**Attached please find two copies of the revised Percolation Certification Plan Dated January 5, 2016.**

**Please call with any questions.**

**Stephanie Tuite, RLA, PE, LEED AP BD&C**  
**Fisher, Collins & Carter, Inc.**

---

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MDE has approved a variance for to COMAR  
to allow ~~ear~~ the well on this lot to be dug from  
subject to the following conditions

well must be drilled case 50' depth  
or 10' depth rock whichever is  
greater.

To: H/C HD

From: owner

We request a ~~letter~~ variance from to  
COMAR to allow our well  
to be down gradient from  
the neighbors septic system

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)



Real Property Data Search ( w2)

Guide to searching the database

## Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption		View GroundRent Registration	
<b>Account Identifier:</b>		<b>District - 03 Account Number - 302172</b>			
<b>Owner Information</b>					
<b>Owner Name:</b>	FARRIS KATHLEEN G		<b>Use:</b>	RESIDENTIAL	
<b>Mailing Address:</b>	13261 HUNT RDG ELLCOTT CITY MD 21042-1154		<b>Principal Residence:</b>	YES	
			<b>Deed Reference:</b>	/05038/ 00156	
<b>Location &amp; Structure Information</b>					
<b>Premises Address:</b>		13261 HUNT RIDGE RD ELLCOTT CITY 21042-0000		<b>Legal Description:</b>	LOT 9-A 1.080 AR 13261 HUNT RIDGE SWS TRIADELPHIA FARMS II
<b>Map:</b>	<b>Grid:</b>	<b>Parcel:</b>	<b>Sub District:</b>	<b>Subdivision:</b>	<b>Section:</b>
0022	0009	0426		0000	
					<b>Block:</b>
					9 A
					<b>Lot:</b>
					2016
					<b>Assessment Year:</b>
					<b>Plat No:</b>
					<b>Plat Ref:</b>
<b>Special Tax Areas:</b>			<b>Town:</b>	NONE	
			<b>Ad Valorem:</b>	100	
			<b>Tax Class:</b>		
<b>Primary Structure Built</b>	<b>Above Grade Enclosed Area</b>	<b>Finished Basement Area</b>	<b>Property Land Area</b>	<b>County Use</b>	
1981	1,980 SF		1.0800 AC		
<b>Stories</b>	<b>Basement</b>	<b>Type</b>	<b>Exterior</b>	<b>Full/Half Bath</b>	<b>Garage</b>
1	YES	STANDARD UNIT	FRAME	2 full	
<b>Value Information</b>					
	<b>Base Value</b>	<b>Value As of 01/01/2016</b>	<b>Phase-in Assessments</b>		
			<b>As of 07/01/2015</b>	<b>As of 07/01/2016</b>	
<b>Land:</b>	190,300	190,300			
<b>Improvements</b>	161,000	230,500			
<b>Total:</b>	351,300	420,800	351,300	374,467	
<b>Preferential Land:</b>	0			0	
<b>Transfer Information</b>					
<b>Seller: FARRIS EVAN M</b>		<b>Date: 03/15/2000</b>		<b>Price: \$0</b>	
<b>Type: NON-ARMS LENGTH OTHER</b>		<b>Deed1: /05038/ 00156</b>		<b>Deed2:</b>	
<b>Seller: MOORE SANDRA E</b>		<b>Date: 09/04/1996</b>		<b>Price: \$299,900</b>	
<b>Type: ARMS LENGTH MULTIPLE</b>		<b>Deed1: /03804/ 00501</b>		<b>Deed2:</b>	
<b>Seller: CARLSON SANDRA</b>		<b>Date: 11/29/1988</b>		<b>Price: \$0</b>	
<b>Type:</b>		<b>Deed1: /01920/ 00001</b>		<b>Deed2:</b>	
<b>Exemption Information</b>					
<b>Partial Exempt Assessments:</b>	<b>Class</b>		<b>07/01/2015</b>	<b>07/01/2016</b>	
<b>County:</b>	000		0.00		
<b>State:</b>	000		0.00		
<b>Municipal:</b>	000		0.00 0.00	0.00 0.00	
<b>Tax Exempt:</b>		<b>Special Tax Recapture:</b>			
<b>Exempt Class:</b>		NONE			
<b>Homestead Application Information</b>					
<b>Homestead Application Status: Approved 10/01/2013</b>					

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, December 11, 2015 9:31 AM  
**To:** 'Stephanie Tuite'  
**Cc:** Kathleen Farris (ensignsgrace@hotmail.com)  
**Subject:** RE: Hunt Ridge - Farris Perc Cert  
**Attachments:** Hunt Ridge\_Outline of Acceptable SDA.pdf

Hi Stephanie:

Please see attached plan for acceptable SDA outlined in red. The SDA needs to stay right on the edge of the passing holes due to close proximity of failing holes.

Also, Jeff took another look at the septic specs sent to you on 11.19.2015 and made the following changes;

The contour encompassing test holes 5000, 2014 and 2013, the application rate would be 0.6 the effective area beginning depth would be 3 ft and the maximum bottom depth would be 8 ft. (changed to 6 ft.)

Along the contour encompassing 2002D, 2002B and 2011, the application rate would be 0.8, the effective area beginning depth would be 3 ft and the maximum bottom depth would be 8 ft. (changed to 7 ft.)

Please show how the trenches will fit inside the SDA and how a house will fit on the lot.

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

Thanks,

Hank

---

**From:** Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]  
**Sent:** Monday, December 07, 2015 10:46 AM  
**To:** Oswald, Hank  
**Cc:** Kathleen Farris ([ensignsgrace@hotmail.com](mailto:ensignsgrace@hotmail.com))  
**Subject:** Hunt Ridge - Farris Perc Cert

Hank,

Please take a look and let me know if the areas I have shown will be approvable to you and Jeff. I have kept the easement located above the fence along contour with the passed hole 2011. Also have created a small septic easement to the far side of the property associated with hole 2008 and hole A on the property with her house, enough for a trench should it be needed. Let me know if this is good or whether you wish to see any changes. Thanks.

Stephanie

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

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

**Stephanie Tuite**

RIA, PE, LEED AP BD&C

office (410) 461-2855 cell (410) 491-5962

Stephanie@fcc-eng.com

Right click this card to add me to your contacts.

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, January 08, 2016 1:36 PM  
**To:** 'Stephanie Tuite'  
**Subject:** RE: Perc Cert Plan - Hunt Ridge Road - Comments  
**Attachments:** SDAT\_Hunt Ridge.pdf

Hi Steph:

That's fine but please label the short trench next to hole # 2002D and make the other revision plus obtain Variance Letter where the well on this lot is down gradient of 13229 Hunt Ridge Road. Also, according to SDAT, this lot is parcel 245 not 246 (please see attachment)

Hank

---

**From:** Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]  
**Sent:** Thursday, January 07, 2016 10:37 AM  
**To:** Oswald, Hank  
**Subject:** RE: Perc Cert Plan - Hunt Ridge Road - Comments

Trenches are 10 foot or more away. Can you please take another look? This plan is at 60 scale.

Steph

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

---

**From:** Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]  
**Sent:** Wednesday, January 06, 2016 3:56 PM  
**To:** Stephanie Tuite <[Stephanie@fcc-eng.com](mailto:Stephanie@fcc-eng.com)>  
**Subject:** Perc Cert Plan - Hunt Ridge Road - Comments

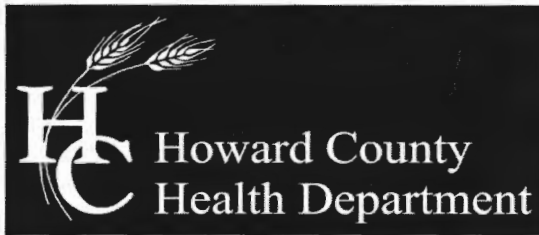
Hi Steph:

The following comments apply to the percolation certification plan received on 1/5/16.

- 1.) All trenches should be 10 feet apart. Increase spacing between T1 (20 foot long trench) and T2-T4 (63 foot long trench) to 10 feet.
- 2.) Remove Note # 12 from plan.
- 3.) Obtain signed variance request letter from owner regarding down gradient well approval from MDE (see attached simplified request letter template).
- 4.) Add the following note to the plan; The Maryland Department of the Environment has approved a variance to COMAR to allow the well on this lot to be located down gradient of the neighbors sewage disposal system and is subject to the following condition; the well must be steel cased 50 feet in depth or 10 feet into competent bedrock, whichever is greater.

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

Hank



## Bureau of Environmental Health

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Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

---

May 26, 2015

To: Kathleen Farris  
Stephanie Tuite ([Stephanie@fcc-eng.com](mailto:Stephanie@fcc-eng.com))

RE: Percolation Test Report; 13245 Hunt Ridge Road

Percolation tests were conducted at 13245 Hunt Ridge Road (Tax Map 22, Parcel 426) on May 26, 2015. Tests and/or profile descriptions were documented for 10 locations (2001, 2002A, 2002B, 2002C, 2002D, 2003, 2003A, 2004, 2005, and 2005A). The remaining test hole located between barn and test hole 2001 and 2002 were not tested.

Percolation test holes 2001, 2002A, 2002C, 2003A, 2004, and 2005A **failed** due to poor soil profiles (high percentage of Saprolite and water seepage at shallow depths) and/or slow percolation rates. Percolation test holes 2002B, 2002D, 2003, and 2005 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.

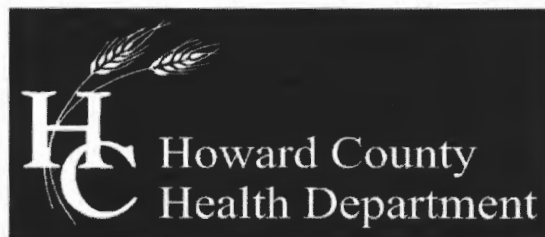
The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the septic reserve area.

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](mailto:hoswald@howardcountymd.gov)

Respectfully,

*Hank Oswald*

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



## 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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

---

November 17, 2015

To: Kathleen Farris (Owner), Tony Fertitta (F.C.C.)

RE: Percolation Test Plan B Report; 13245 Hunt Ridge Road, Highland, MD 20777

Additional percolation tests were conducted at 13245 Hunt Ridge Road (Tax Map 22, Parcel 425) on November 16, 2015. Tests and soil profile descriptions were documented for 4 locations (2014, 2013, 2011, and 5000) in an effort to establish more area for sewage disposal. Hole #2008 was not tested because it was not staked at the time.

Percolation test holes 2014, 2013, 2011 and 5000 did **pass**.

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 sewage disposal area are represented by test locations having satisfactory soil condition. The area must be 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. (Proposed sewage disposal area must be bounded by passing hole locations.)

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

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Tuesday, November 17, 2015 3:30 PM  
**To:** 'Stephanie Tuite'  
**Cc:** ensignsgrace@hotmail.com  
**Subject:** RE: Perc for Hunt Ridge Road  
**Attachments:** Perc Test Report\_Kate Farris\_Hunt Ridge\_11.16.2015.pdf; Perc Test Data\_Farris Property\_11.16.2015.pdf

Stephanie/Kate:

Attached, please find the percolation test result letter for the testing conducted on 11.16.15. I will send the septic spec sheet in a separate email. Should you have any questions, please don't hesitate to ask.

Hank

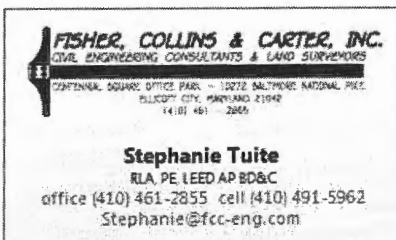
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**From:** Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]  
**Sent:** Monday, November 16, 2015 4:34 PM  
**To:** Oswald, Hank  
**Subject:** Perc for Hunt Ridge Road

Hank,

I understand things went well today with Ms. Farris' property. The four holes passed from what I understand. When you get a chance, can you also send me septic design specs so we know how many bedrooms the system can handle? The buyers for the property will want to know. Thanks.

Stephanie



Right click this card to add me to your contacts.

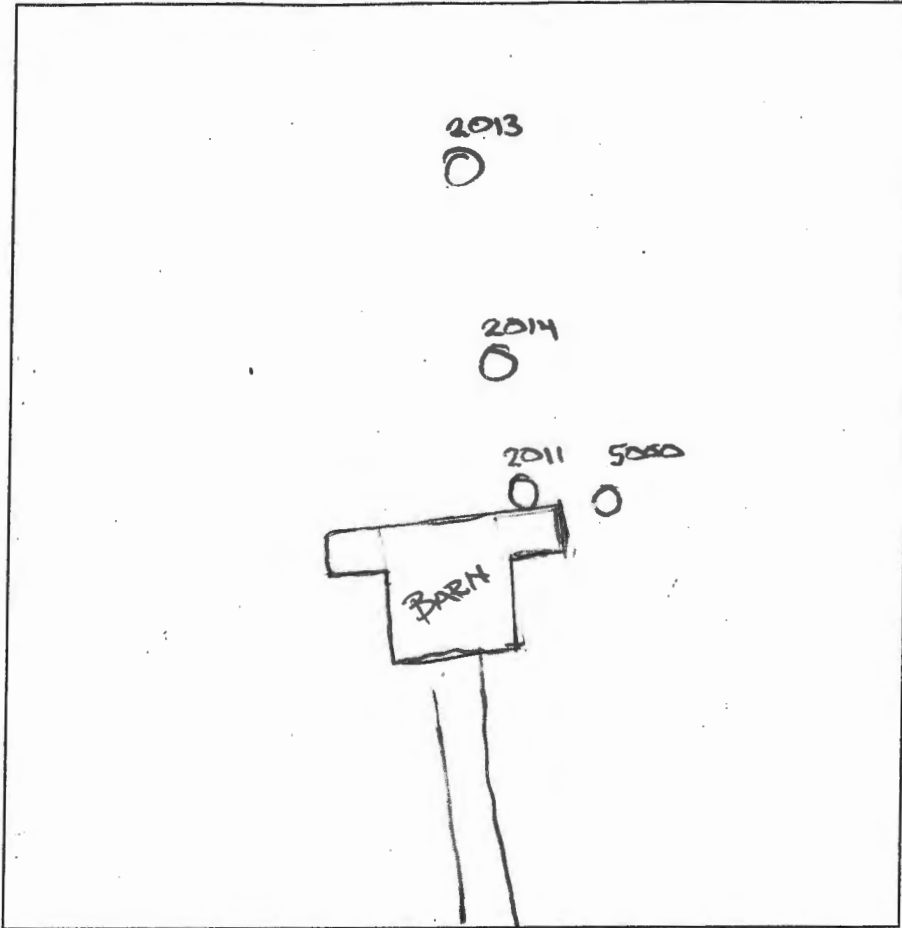
A/P \_\_\_\_\_

5000

2014  
 0.5' Horse manure  
 sed  
 2.5' tan  
 sandy loam  
 many mica  
 10-20% saprolite

2013  
 6.5' Horse manure  
 orange  
 sed  
 3' tan  
 sandy loam  
 many mica  
 moist  
 9' 10-20%  
 sap  
 12'

2011  
 0.5' Horse manure  
 orange  
 sed w/  
 mica  
 moist  
 3' tan sl  
 many mica  
 20-25%  
 sap  
 12'



0.4' brn l  
 or sed  
 2' sl many  
 mica  
 15% sap  
 -15%  
 12'

Hunt Ridge Road

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/16/15	2014	5.1/12	9:42	9:46	9:51	5	
11/16/15	2013	5.1/12	10:01	10:10	10:28	18	
11/16/15	2011	5.3/12	10:21	10:29	10:42	13	
11/16/15	5000	5/12	10:39	-	10:44	2,30	

REMARKS \_\_\_\_\_

SANITARIAN Hank Oswald BACKHOE Fogles OTHERS Quincy

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

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

# HUNT RIDGE RD

2003

AP \_\_\_\_\_

\* 2001 test hole was staked 92' from stream.  
 \* 2004 test hole was 85' to bushes along stream.

2001

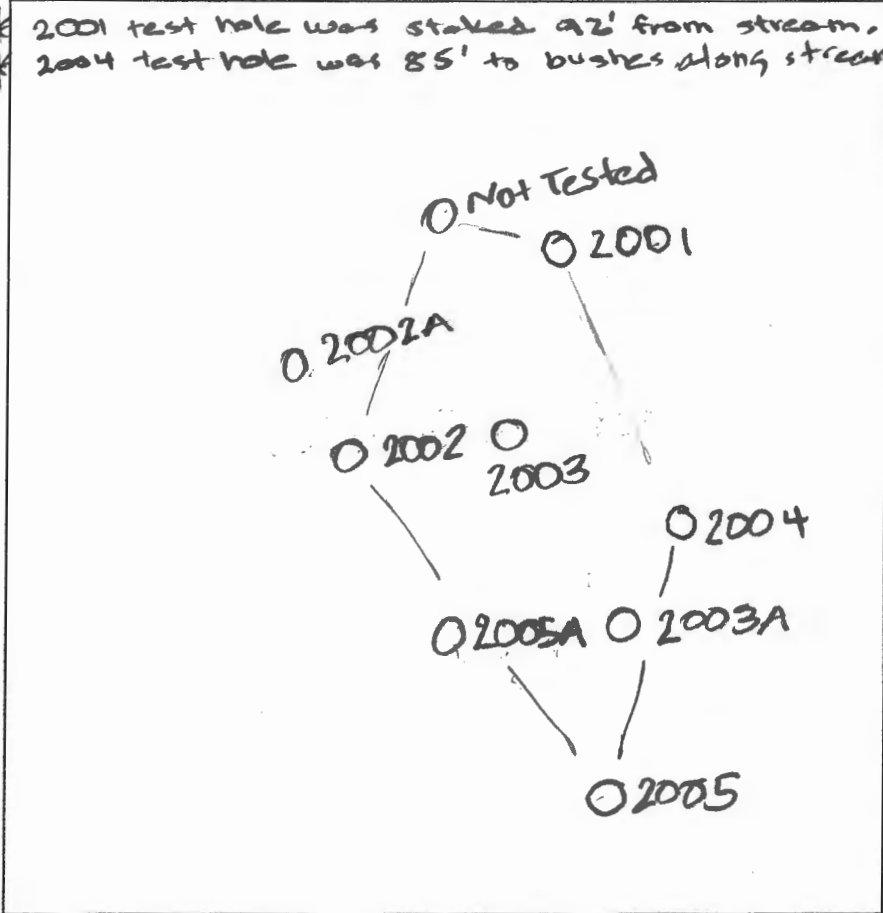
Sandy clay loam moist 70-75% Saprilitz  
 8' - Water seepage  
 11' - ↓

2004

Sandy clay loam 75% Saprilitz platy mica  
 7.5' - water seepage  
 14' - ↓

2005

sandy clay loam many mica  
 4' - Rock  
 9' - platy 30% Rock 5% mica >50% Rock  
 11' - water seepage  
 13' - ↓



2' - sandy clay loam  
 12' - sandy loam many mica 30-40% Saprilitz  
 >50% Saprilitz water seepage  
 14' -

2003A

4' - sandy clay loam  
 8' - &lt; many mica  
 8.5' - 40% Rock  
 9' - core in water seepage  
 >50% Rock

2002A

6' - sandy clay loam  
 8' - Rock Ucm  
 13' - 40% Saprilitz sandy loam

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
5/6/15	2001		Not Tested - See Profile F12					
5/6	2004		Not Tested - See Profile F					
5/6	2005	5'	0	4.44	12.57	8.13	P	
5/6	2003	4'	0	10.33	21.19	10.46	P	
5/6	2003A	5'	0	26.19	57.40	31.21	F	
5/6	2002A	8.5'	33	34.50	39.43	4.53	F	
5/6	2005A	Not Tested - See Profile					hold for Dept. approval	F
5/6								
5/6								

REMARKS Tested 2001 hole 8' further away from stream

SANITARIAN Mark Oswald BACKHOE Ronnie OTHERS Jeff Williams  
Steph Tuite; Eric  
 TEST HOLES USED IN SDA heap + woody AVG. PERC TIME SQ. FT/BR  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ owner: Kathleen EFFECTIVE S/W Farris

# HUNT RIDGE RD

AP \_\_\_\_\_

2002B

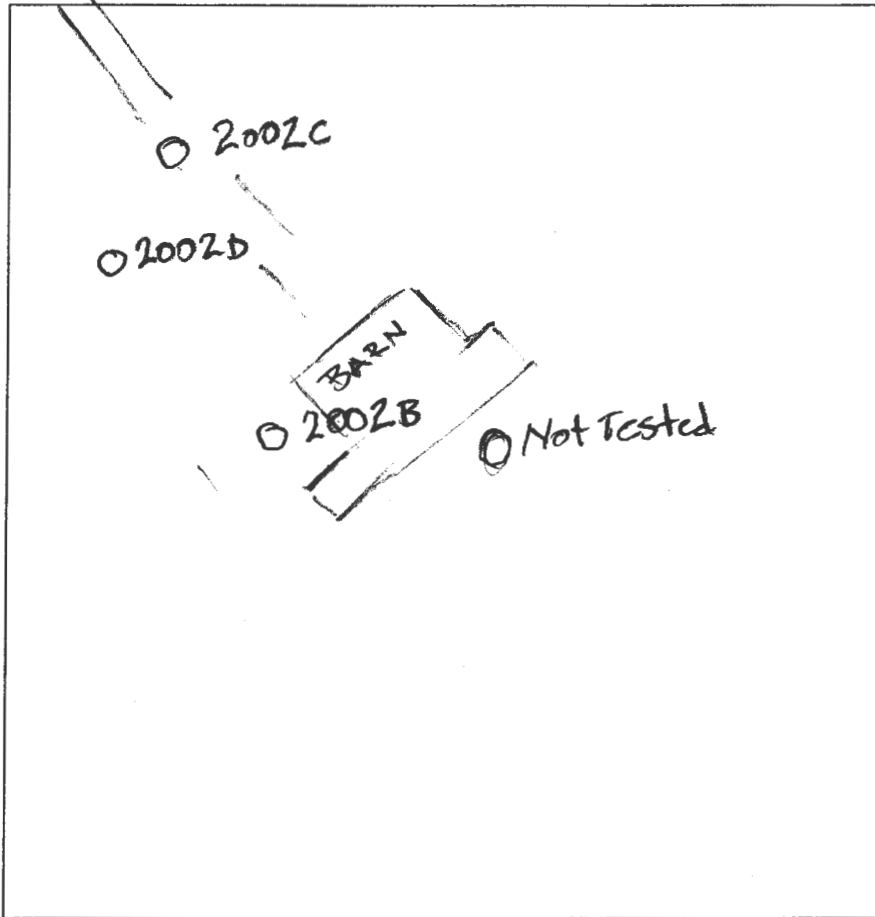
2' - sandy clay loam  
 12' - Water Seepage  
 Sandy loam w/ saporite mica 30%

2002C

4' - clay loam  
 5' - Rock vein  
 8' - sandy loam w/ saporite  
 13' - Water Seepage

2002D

3' - clay loam  
 11.9' - Water Seepage  
 sandy loam w/ saporite 30%



2005A

Sandy clay loam  
 - mica  
 Sandy loam  
 70% saporite  
 >50% Rock platy

13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/6/15	2002B	4.5	0	4.15	9.19	5.4	P
5/6/15	2002C	5	0	Stopped test due to water			F
5/6/15	2002D	4	0	2	5	3	P

REMARKS \_\_\_\_\_

SANITARIAN Hank Oswald BACKHOE Ronnie OTHERS Jeff Williams

TEST HOLES USED IN SDA \_\_\_\_\_ Heap + Jorby AVG. PERC TIME \_\_\_\_\_ Steph Tuik, Eng SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ Kathleen Harris: OWN EFFECTIVE SW \_\_\_\_\_