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

October 11, 2022

To: Shanaberger & Lane, Homeowners

Re: Percolation Test Report; 14700 Carriage Mill Road

Percolation tests were conducted at 14700 Carriage Mill Road on October 11, 2022. Tests & soil profile descriptions were documented for 2 locations. Both test holes passed.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the sewage disposal area (SDA) are represented by test locations having satisfactory soil condition. The area must be at least 10,000 square feet and large enough to accommodate the existing system (including any upgrades) plus 2 replacement systems for the planned residence.

The next step in the process is to have an engineer submit a percolation certification plan to confirm the design of the SDA.

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

Respectfully,

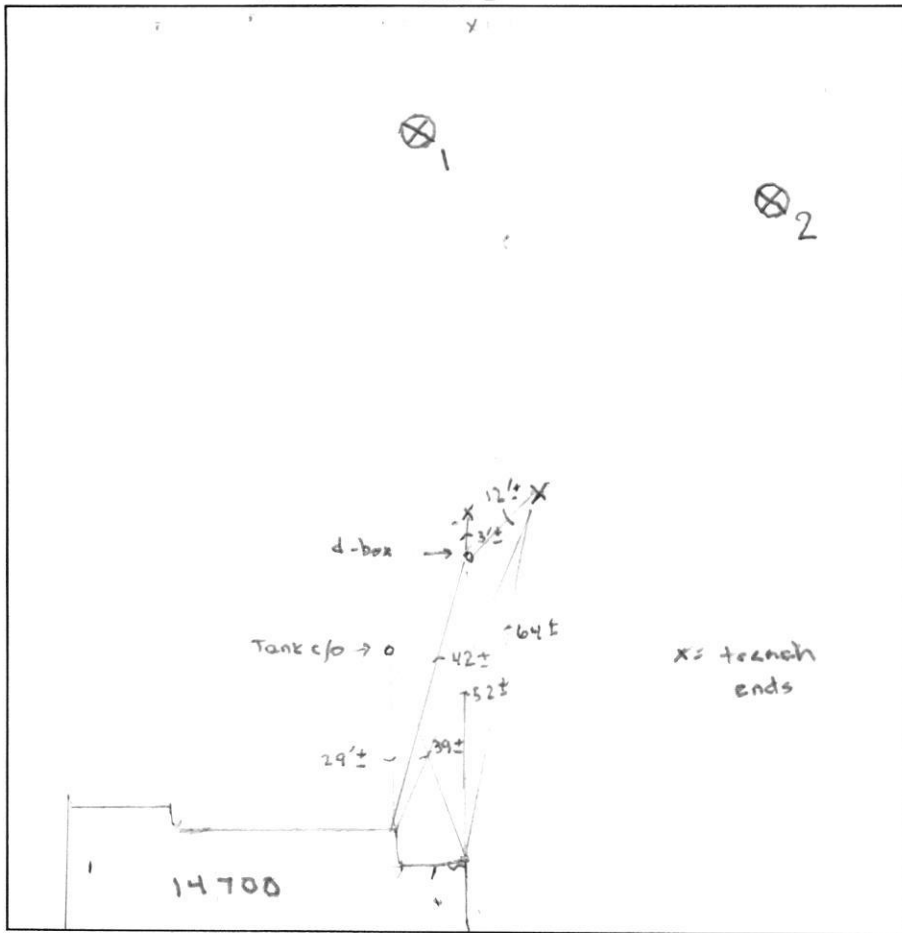
Hank Oswald

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

Attachment: Percolation Test Field Notes

AP 572172

Not-to-scale



14700 Carriage Mill Road

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10.11.22	1	6' / 13'	8:09	8:18	8:38	20	P
10.11.22	2	5'5" / 13'	8:21	8:27	8:36	9	P

REMARKS Trench ends & d-box were field located & staked for surveyor.  
 SANITARIAN Hank Oswald BACKHOE Jeff Allen OTHERS Owner Charles Dorsey  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

1  
 0.2' br l  
 yellowish  
 br scl  
 2' red br  
 scl  
 5' yellowish  
 red  
 sl  
 13'

2  
 0.1' br l  
 yellowish  
 br scl  
 4.5' yellowish  
 red sl  
 8' pak red  
 sl  
 13'

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, October 12, 2022 9:01 AM  
**To:** 'home@shanlane.com'  
**Cc:** dorseyba60@gmail.com; Ba  
**Subject:** Perc Test Results\_14700 Carriage Mill Road  
**Attachments:** Section 3.801 Bedroom Definition.pdf; Revised FP\_Dorsey Home.pdf; Perc Test Results\_14700 Carriage Mill Road.pdf; Existing Basement Floor Plan\_14700 Carriage Mille Rd.pdf

Hello All:

Attached, please find a copy of the perc test results for 14700 Carriage Mill Road. Please field locate the existing well and septic system components (tank, d-box and trenches), and show them accurately on the plan. The plan should also contain field location notes for both the well and septic system components. While your out there, please also confirm the invert elevation out of the house to ensure appropriate fall to the new septic tank.

### Existing Septic System:

Existing 1500 gallon Septic Tank = Adequate for up to **5 bedrooms**. The next tank size up is a 2000 gallon tank.  
Existing Trenches =  $103' + 94' = 197' \times 2'w = 394 \text{ sq. ft.} / 0.36 = 1094 \times 0.8 = 875\text{gal} / 150 = 5.83$  or **6 BR's**  
Sidewall =  $2 + 2 / 2 + 1 + 2(4\text{ft.}) = 0.36$

### Existing floor plans/Addition:

The existing floor plan (5 BRs) plus proposed addition (2 BRs) = 7 BRs. **Please note**, the floor plan (see attached) which shows 4'1" opening into the "office" on the 2<sup>nd</sup> floor of the proposed addition must be submitted to DILP as a revision. In addition, the 12' x 18' room in the basement next to the full bathroom also meets the definition of a bedroom (see attached bedroom definition). To reduce the BR count, you could alter the floor plan by one of the following;

1. Show 4 foot (48 inches) wide opening without door into the room, **or**
2. Show permanent built-in bookcases around the perimeter of the room, desk and other features that encumber the room, **or**
3. Show a half wall between the room and another room.

A revision to the basement floor plan will also need to be submitted to DILP.

Alternatively, you may upgrade the existing trenches to accommodate the # of bedrooms, but the total sewage disposal area must be at least 10k sq. ft, and large enough for the upgrades plus 2 replacement systems. This will require an Onsite Sewage Disposal System Design Plan for review.

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

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Bureau of Environmental Health  
Howard County Health Department

8930 Stanford Blvd. Columbia, MD 21045

(410) 313 - 1786

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

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## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, October 21, 2022 2:49 PM  
**To:** 'home@shanlane.com'  
**Subject:** Perc Cert Plan\_14700 Carriage Mill road

Hi Scott:

Good afternoon. The perc cert plan for 14700 Carriage Mill Road has been reviewed with the following comments:

1. Add the word "disposal" in between the words "sewage area" in notes 4 and 7 etc.
2. Change note #12 to read, The existing septic tank must be abandoned and new septic tank installed prior to building permit approval of the living space addition. (Per my last email, trench is adequate for 6 bedrooms)
3. Change note #13 to read; The septic tank, d-box and trench ends have been field located and are accurately shown.
4. Add note; The existing well tag # HO-94-1263 has been field located and is accurately shown.
5. Delete note #14. An OSDS Plan won't be required. We should be able to use the perc cert plan for the installation of the new septic tank. Can you supply the invert elevation in/out of the new septic tank and d-box to ensure at least 2% fall? Perhaps you can provide the name of the tank on the plan (if known).
6. Add the previous perc test holes along with proper legend symbol to plan. Please differentiate new and old *passing* perc test holes in legend).
7. Add elevation #s next to each perc test hole. Please make sure elevation #s are legible on printed copy.
8. Add sq. ft. to SDA.
9. Change signature block to read private water.

Hopefully this does it. Please contact me with any questions or concerns.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Bureau of Environmental Health  
Howard County Health Department  
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## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, October 26, 2022 10:44 AM  
**To:** 'home@shanlane.com'  
**Subject:** FW: Perc Cert Plan\_14700 Carriage Mill road

Hi Scott:

Good morning. I need to revise my last set of plan review comments sent to you on 10.21.22. The following comments still apply:

1. Add the word "disposal" in between the words "sewage area" in notes 4 and 7 etc.
2. Add the previous perc test holes along with proper legend symbol to plan. Please differentiate new and old (by date) *passing* perc test holes in legend.
3. Add elevation #s next to each perc test hole. Please make sure elevation #s are legible on printed copy.
4. Add sq. ft. to SDA.
5. Change signature block to read private water.
6. Add note; The existing well tag # HO-94-1263 has been field located and is accurately shown.
7. Change note #13 to read; A 2000 gallon septic tank must be installed and the existing septic tank must be properly abandoned. (Please note that septic tanks aren't typically removed. They are pumped crushed and filled in)
8. Add separate a note; The septic tank, d-box and trench ends have been field located and are accurately shown.

I apologize for any inconvenience. Please let me know if you have any questions.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Bureau of Environmental Health  
Howard County Health Department  
8930 Stanford Blvd. Columbia, MD 21045  
(410) 313 - 1786  
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---

**From:** Oswald, Hank  
**Sent:** Friday, October 21, 2022 2:49 PM  
**To:** 'home@shanlane.com' <home@shanlane.com>  
**Subject:** Perc Cert Plan\_14700 Carriage Mill road

Hi Scott:

Good afternoon. The perc cert plan for 14700 Carriage Mill Road has been reviewed with the following comments:

1. Add the word "disposal" in between the words "sewage area" in notes 4 and 7 etc.
2. Change note #12 to read, The existing septic tank must be abandoned and new septic tank installed prior to building permit approval of the living space addition. (Per my last email, trench is adequate for 6 bedrooms)
3. Change note #13 to read; The septic tank, d-box and trench ends have been field located and are accurately shown.
4. Add note; The existing well tag # HO-94-1263 has been field located and is accurately shown.
5. Delete note #14. An OSDS Plan won't be required. We should be able to use the perc cert plan for the installation of the new septic tank. Can you supply the invert elevation in/out of the new septic tank and d-box to ensure at least 2% fall? Perhaps you can provide the name of the tank on the plan (if known).
6. Add the previous perc test holes along with proper legend symbol to plan. Please differentiate new and old *passing* perc test holes in legend).
7. Add elevation #s next to each perc test hole. Please make sure elevation #s are legible on printed copy.
8. Add sq. ft. to SDA.
9. Change signature block to read private water.

Hopefully this does it. Please contact me with any questions or concerns.

Thanks,

Hank

Hank Oswald  
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## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, October 26, 2022 11:07 AM  
**To:** 'Barbara Dorsey'  
**Subject:** RE: Permit\_14700 Carriage Mill Road

Hi Mrs. Dorsey:

I did see the revised floor plans in the system. Thanks for letting me know about them. The engineer is working on the revisions to the perc cert plan. Once the perc cert plan has been approved, we will need a septic plan for the installation of the new septic tank, d-box and a section of the upper trench. Once we have an approved septic plan, the new components can be installed and the building permit can be approved.

Please let me know if you have any questions.

Thanks,

Hank

**From:** Barbara Dorsey <dorseyba60@gmail.com>  
**Sent:** Wednesday, October 26, 2022 10:17 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Permit

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

Hello Hank

Just checking to make sure you received the updated plans you requested. Charles dropped them off at the Permit Office yesterday. Please let me know what else needs to be completed in order to get the building permit. Thank you.

**COMPLETE THIS FORM WHEN DROPPING OFF ANY  
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY  
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: OCT. 25, 2022

To: HANK OSWALD  
(Person's Name and Division)

From: CHARLES DORSEY (410) 984-3753  
(Your Name, Company Name and Telephone Number)

Subject: Project name ADDITION - DORSEY RESIDENCE  
Project site address 14700 CARRIAGE MILL RD  
Permit # B 220027487 SDP # \_\_\_\_\_  
Other information pertinent to this project \_\_\_\_\_

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, duplicate sets shall be submitted.
- Letter Summarizing Changes
- Energy conservation calculations
- 3 Copies of 2nd FLOOR PLAN BASEMENT FLOOR PLAN (be specific).
  - Health Department Request
  - DPZ/ DED Request
  - Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # \_\_\_\_\_
- Other DELETED DOOR @ OFFICE AREA - BASEMENT FLOOR PLAN  
DETAILS AREA

**Contact Person Information: (Required)**

CHARLES DORSEY  
Please Print Name

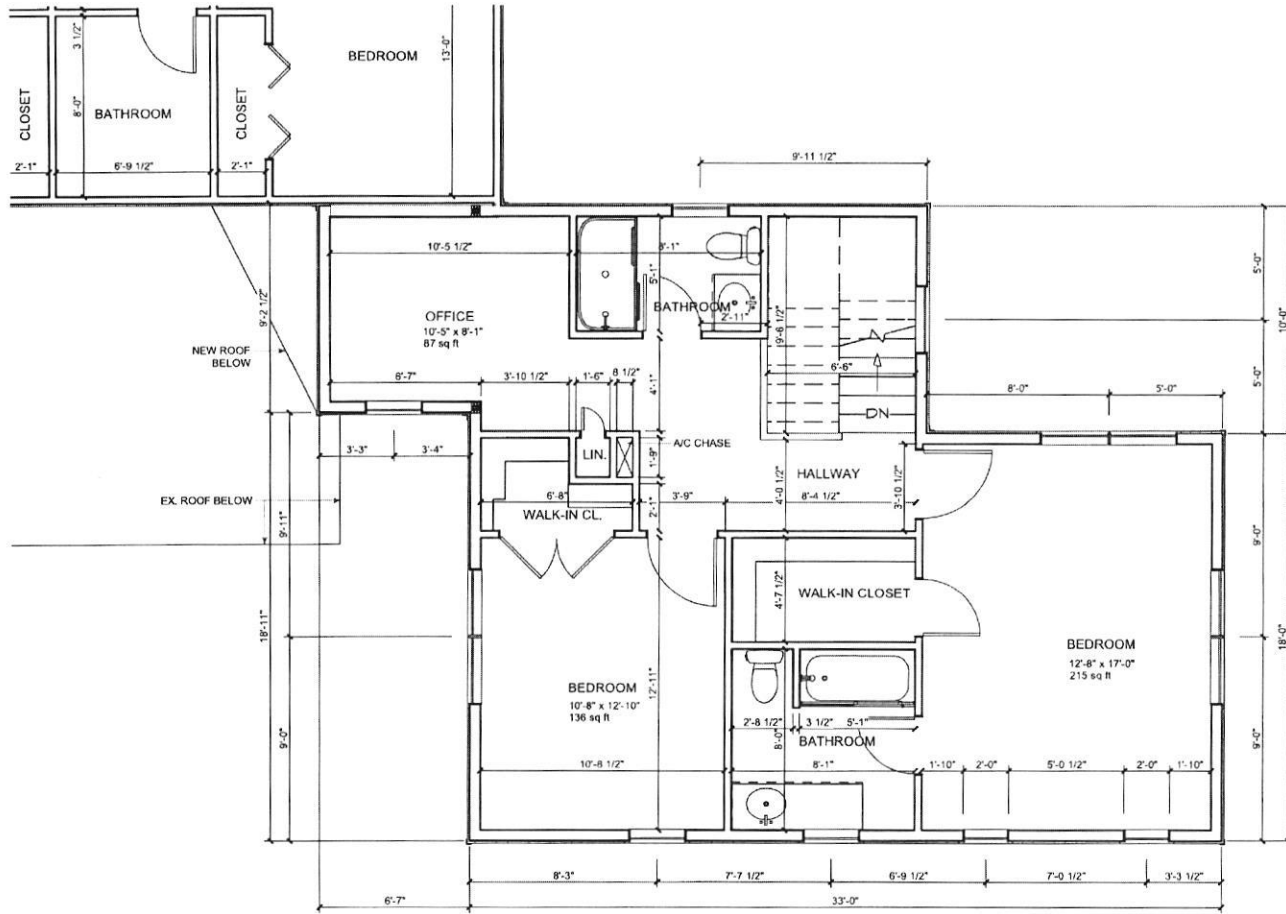
Telephone No: 410-984-3753

E-Mail Address: C.E.DORSEY@CDG204.NET

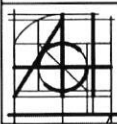
**PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.**

Received by MR

Revision #2



Professional Certification:  
 I certify that these documents were prepared or approved by me, and I am a duly licensed architect under the laws of the State of Maryland; license number: 15051, expiration date 01/06/2024



**ASH TREE ARCHITECTURE**  
 ASHRAF SHAKER ARCHITECT  
 7785 ROTHERHAM DR.  
 HANOVER, MD 21076  
 PHONE: 410.707.5699  
 ASHRAF.SHAKER@ASHTREEARCH.COM

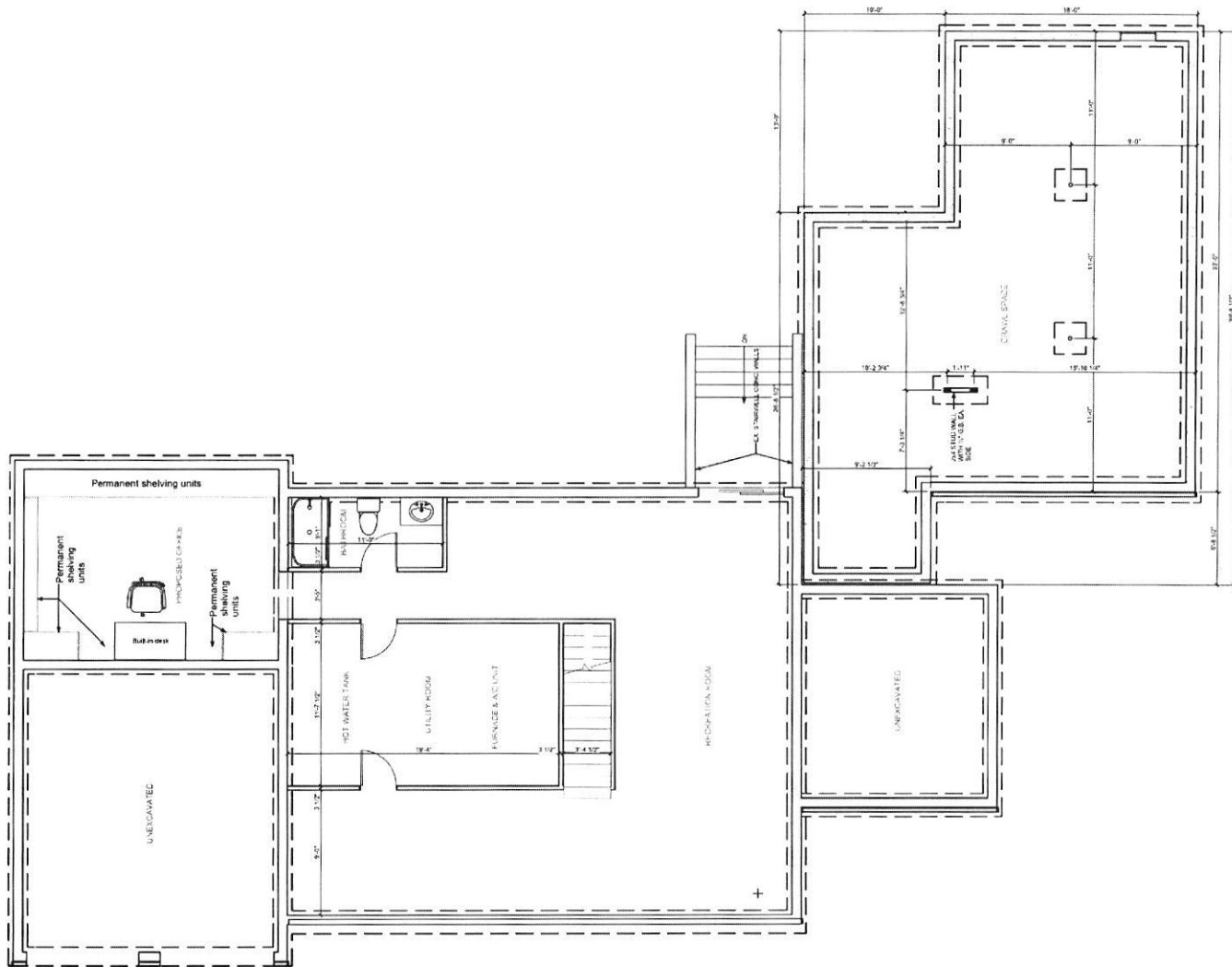
CLIENT: **MR. & MRS. DORSEY**  
 14700 CARRIAGE MILL RD.  
 WOODBINE, MD 21797  
 HOWARD COUNTY, MARYLAND

PROJECT: **DORSEY RESIDENCE HOME ADDITION**

DRAWING: **SECOND FLOOR PLAN - NEW**  
 SCALE: 3/16" = 1'

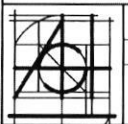
JOB No. 22-05  
 DATE: 7/27/2022  
 SCALE: AS NOTED

SHEET No. **A - 2**



REVISION 01 - 10/18/2022:  
This basement floor plan was added per the request of the Health Department.

Professional Certification:  
I certify that these documents were prepared or approved by me, and I am a duly licensed architect under the laws of the State of Maryland, license number 16061, expiration date 01/06/2024



**ASH TREE ARCHITECTURE**  
**ABHRAF SHAKER ARCHITECT**  
 7785 ROTHERHAM DR.  
 HANOVER, MD 21076  
 PHONE 410.707.5699  
 ABHRAF.SHAKER@ASHTREE-ARCH.COM

CLIENT: **MR. & MRS. DORSEY**  
 14700 CARRIAGE MILL RD.  
 WOODBINE, MD 21797  
 HOWARD COUNTY, MARYLAND

PROJECT: **DORSEY RESIDENCE HOME ADDITION**

DRAWING: **BASEMENT FLOOR PLAN -EXISTING/ NEW**  
 SCALE: 1/8" = 1'

JOB No. 22-05  
 DATE: 10/24/2022  
 SCALE: AS NOTED

SHEET No. **A - 5**

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, October 27, 2022 10:22 AM  
**To:** home@shanlane.com  
**Subject:** RE: Perc Cert Plan\_14700 Carriage Mill Road  
**Attachments:** [Untitled].pdf

Hi Scott:

Attached, please find the septic specs for 14700 Carriage Mill Road. In addition to the regular requirements for an OSDS Plan, please include step by step instructions on how the existing trench modifications will occur. I'm told that part of the steps should include having the septic tank pumped a day or maybe two before the start of work to reduce the amount of liquid in the area. We'll also want to know if the portion of the existing trench will be completely removed and disposed of properly, or simply cut and walled off by an impermeable layer or some other means to prevent liquid from seeping back into the old portion of the trench. I'm told that you should consult with the septic contractor on this, so everyone is on the same page. His name is Jeff Allen. His # is (410) 707-9028.

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

Thanks,

Hank

---

**From:** home@shanlane.com <home@shanlane.com>  
**Sent:** Wednesday, October 26, 2022 12:28 PM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Re: Perc Cert Plan\_14700 Carriage Mill road

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

Hank,  
Along with the perc cert revisions/amendments listed below Mr Dorsey will need to submit another plan for the actual system improvements. Can you send me the specs or a link to the specs for that additional plan?

Thanks!

Hi Scott:

## Williams, Jeffrey

---

**From:** Williams, Jeffrey  
**Sent:** Friday, December 2, 2022 11:50 AM  
**To:** Tony Fertitta  
**Cc:** Oswald, Hank  
**Subject:** RE: septic cert plan (14700 Carriage Mill Road)

Hi Tony. I was able to speak to Mike and he is open to a waiver for the distance from the existing trench and d box to the proposed addition with crawl space. We will need a waiver request letter signed by the homeowner. With that, you can proceed with a perc cert including a note acknowledging the waiver and indicating that we will need an OSDS plan and tank replacement approved prior to BP approval. Make sure the OSDS plan includes elevations to prove fall from house to new tank to existing d box. Thanks  
Jeff

---

**From:** Tony Fertitta <[tonyf@fcc-eng.com](mailto:tonyf@fcc-eng.com)>  
**Sent:** Friday, December 2, 2022 6:26 AM  
**To:** Williams, Jeffrey <[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)>  
**Subject:** RE: septic cert plan (14700 Carriage Mill Road)

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

Good morning Jeff,  
Have you had a chance to talk to mike about this.

Thanks  
Tony

---

**From:** Williams, Jeffrey <[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)>  
**Sent:** Monday, November 21, 2022 9:58 AM  
**To:** Tony Fertitta <[tonyf@fcc-eng.com](mailto:tonyf@fcc-eng.com)>  
**Subject:** RE: septic cert plan (14700 Carriage Mill Road)

I just got off the phone with Mr. Dorsey. I'll discuss with Mike whether we'd be open to a waiver to the crawlspace. I'll let you know

---

**From:** Tony Fertitta <[tonyf@fcc-eng.com](mailto:tonyf@fcc-eng.com)>  
**Sent:** Monday, November 21, 2022 9:37 AM  
**To:** Williams, Jeffrey <[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)>  
**Subject:** FW: septic cert plan (14700 Carriage Mill Road)

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

---

**From:** Tony Fertitta  
**Sent:** Friday, November 18, 2022 9:19 AM

**To:** Williams, Jeffrey <jewilliams@howardcountymd.gov>

**Cc:** Paul Cavanaugh <PaulC@fcc-eng.com>

**Subject:** FW: septic cert plan (14700 Carriage Mill Road)

Good Morning Jeff,

I received a email from our client last night with the floor plans attached. They are proposing to have a crawl space for the addition not a full basement. Would you prefer a variance since it does not have a full basement.

Thank you

Tony

---

**From:** Ba <c.e.dorsey@verizon.net>

**Sent:** Thursday, November 17, 2022 6:26 PM

**To:** Tony Fertitta <tonyf@fcc-eng.com>

**Subject:** septic cert plan

Tony , I'm not sure if you've seen the floor plans, so i wanted to point out that the addition does not have a full basement.

Just a crawl space

Thanks ...Charles

Charles E. Dorsey  
Landscape Contractors, Inc.  
PO Box 343  
Woodbine, Md 21797  
[c.e.dorsey@verizon.net](mailto:c.e.dorsey@verizon.net)  
Since 1986

December 2, 2022

Howard County Health Department  
8930 Stanford Blvd  
Columbia, MD 21045  
Attn: Mr. Jeff Williams

Waiver Request Letter

Dear Jeff,

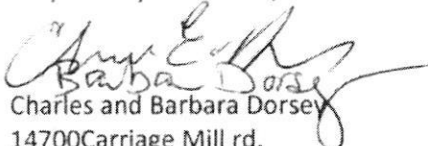
Charles and Barbara Dorsey would like to request a setback waiver for our home addition at 14700 Carriage Mill rd. Woodbine, Md 21797

We are asking for a waiver from 20' setback from the addition crawl space to the existing trench and distribution box to a 10' setback from crawl space to existing trench and dist. box

We will advise the civil engineers to add this waiver to their respective note sections on the Perc cert. plans and Septic cert. plans.

We appreciate the consideration, as this will allow us to proceed with this project.

Respectfully submitted,

  
Charles and Barbara Dorsey  
14700 Carriage Mill rd.  
Woodbine, Md 21797  
c.e.dorsey@verizon.net

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, September 29, 2022 11:51 AM  
**To:** 'home@shanlane.com'  
**Cc:** 'dorseyba60@gmail.com'; 'Ba'  
**Subject:** Perc Test Plan\_14700 Carriage Mill Road  
**Attachments:** Test Plan\_9.28.22.pdf; SEPTIC CONTRACTORS 2.4.2020.pdf

Hi Scott:

The perc test plan received on 9/28/22 was reviewed with the following comments:

1. What's the purpose of the circle around the house and SDA? Please see attachment. Remove on future plan.
2. One of the alternate well sites radius intersects the neighbors SDA located across the street on 14701. Please see attachment. Adjust accordingly on future plan.

With that said, I would like to schedule the perc test date. Please choose from one of the following dates:

- Tuesday Oct. 4<sup>th</sup> starting at 8 a.m.
- Tuesday Oct. 11<sup>th</sup> starting at 8 a.m.

Prior to the test date, the proposed perc test holes must be properly field located/staked. Also, please inform the septic contractor that we will need to field locate all septic system components while on site (bring wood stakes or flags to mark in field). After the septic components have been found, they must be field located by a surveyor and accurately shown on the percolation certification plan.

Please confirm a date. Should you have any questions, or need an additional date, please don't hesitate to contact me.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786  
hoswald@howardcountymd.gov

## Oswald, Hank

---

**From:** Shanaberger & Lane <home@shanlane.com>  
**Sent:** Monday, August 1, 2022 12:58 PM  
**To:** Oswald, Hank  
**Subject:** Re: Fwd: B22002743\_14700 Carriage Mill Road\_Living Space Addition/Inlaw Suite

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

Hank

To summarize: the owner will likely need one perc hole for the new area to be added, plus one hole in the center of the existing perc area. He'll also likely have to uncover the ends of the existing trenches if we can't find cleanouts to mark where they are. Do I have that right?

Understood about needing the basement floor plan, the septic tank, and the possible variance.

Is the existing perc data adequate for you to write specifications for the septic system? Thanks.

Scott  
G. Scott Shanaberger  
Professional L.S.  
Shanaberger & Lane  
8726 Town & Country Blvd.  
Suite 201  
Ellicott City, MD 21043  
410-461-9563  
[home@shanlane.com](mailto:home@shanlane.com)

On 8/1/2022 12:30 PM, Oswald, Hank wrote:

Hi Scott:

Good afternoon. If we don't have perc data to support the new area, then we will have to conduct more testing including one hole in the center. It's important that the existing trenches are field located to see if they even meet the 20 foot setback distance to the proposed addition. If they happen to be 18 feet away, the owners could try asking for a waiver.

The homeowner just sent me the existing floor plans this morning. The FP shows 4 bedrooms. However, I didn't receive the basement floor plan, so the count could go up. The proposed addition w/ the change to the office opening now shows 2 bedrooms, so we have 6 total bedrooms. The 1250 gallon tank will need to be replaced with a 2000 gallon tank (pending basement FP), and the trenches are only good for 5 bedrooms (if they don't have to be abandoned).

Please let me know if you have any questions.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

**From:** Shanaberger & Lane <[home@shanlane.com](mailto:home@shanlane.com)>  
**Sent:** Monday, August 1, 2022 10:58 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** Fwd: Fwd: B22002743\_14700 Carriage Mill Road\_Living Space Addition/Inlaw Suite

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

Hank

I hope you've been doing well.  
We've been talking to Mr. Dorsey about this and I have some questions.

Is any perc testing going to be required to revise his sewage disposal area?  
If so, I assume he has to go through the usual perc testing application process with the usual \$506 fee. Is that correct?  
Will he need to replace any parts of his current system?

Thanks in advance for the answers. I don't want to give Mr. Dorsey a proposal for either more or less work than he needs us to do.

Scott  
G. Scott Shanaberger  
Professional L.S.  
Shanaberger & Lane  
8726 Town & Country Blvd.  
Suite 201  
Ellicott City, MD 21043  
410-461-9563  
[home@shanlane.com](mailto:home@shanlane.com)

----- Forwarded Message -----

**Subject:**Fwd: B22002743\_14700 Carriage Mill Road\_Living Space Addition/Inlaw Suite  
**Date:**Tue, 26 Jul 2022 21:23:02 +0000 (UTC)  
**From:**Ba <[c.e.dorsey@verizon.net](mailto:c.e.dorsey@verizon.net)>  
**Reply-To:**Ba <[c.e.dorsey@verizon.net](mailto:c.e.dorsey@verizon.net)>  
**To:**[home@shanlane.com](mailto:home@shanlane.com) <[home@shanlane.com](mailto:home@shanlane.com)>

Thanks for returning my call today Guy. Please see below items being requested. The architect said he has meant the set back requirement from the septic tank.  
Charles

Charles E. Dorsey  
Landscape Contractors, Inc.  
PO Box 343  
Woodbine, Md 21797  
[c.e.dorsey@verizon.net](mailto:c.e.dorsey@verizon.net)  
Since 1986

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

From: Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
To: [C.E.DORSEY@VERIZON.NET](mailto:C.E.DORSEY@VERIZON.NET) <[C.E.DORSEY@VERIZON.NET](mailto:C.E.DORSEY@VERIZON.NET)>  
Cc: [ASHRAF.SHAKER@ASHTREE-ARCH.COM](mailto:ASHRAF.SHAKER@ASHTREE-ARCH.COM) <[ASHRAF.SHAKER@ASHTREE-ARCH.COM](mailto:ASHRAF.SHAKER@ASHTREE-ARCH.COM)>  
Sent: Mon, Jul 25, 2022 11:20 am  
Subject: B22002743\_14700 Carriage Mill Road\_Living Space Addition/Inlaw Suite

Hi Mr. Dorsey:

This office is in receipt of a building permit (B22002743) for a living space addition/In-law suite located on 14700 Carriage Mill Road. The following must be completed prior to building permit approval by the Health Department:

- Provide simplified floor plans of the existing house to get a total bedroom count. While the proposed addition shows to 2 labeled bedrooms, the "office" is also considered a bedroom unless the opening into the room is widened to 4 feet and cased without a door. There are other ways to make the office a non-bedroom. This is just one of them.
- Revise the plot plan to show septic trenches. The trenches must be field located to confirm setbacks are met. Please see attached as-built drawing on page #2 for location of the well and septic system trenches to assist you.
- Revise the sewage disposal area (SDA) on a Percolation Certification Plan by an licensed engineer. The proposed structure does not meet setback distance to septic trenches/SDA. Although the record has perc test data, this step may require additional perc testing to confirm adequate soil.
- Septic system upgrades by a licensed septic contractor will likely be required. (Existing system is only sized for 4 bedrooms and the trenches appear to be right next to the proposed addition)
- Provide an Onsite Sewage Disposal System (OSDS) Design Plan by an engineer.
- Well upgrades (TBD)

I've included additional information in the attachments including a list of engineers to assist you. Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)