

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 528441

AGENCY REVIEW: \_\_\_\_\_

DATE 11/1/08

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 8 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Dong & Su Yang

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 8061 Browns Bridge Rd Highland MD 20777  
STREET CITY/TOWN STATE ZIP

APPLICANT Farm and Home Excavating - Bill Ingram

DAYTIME PHONE 410-442-2139 CELL 410-984-0189 FAX 410-442-3280

MAILING ADDRESS 901 Driver Rd Marietta MD 21104  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Riverwood Riverview LOT NO. 1

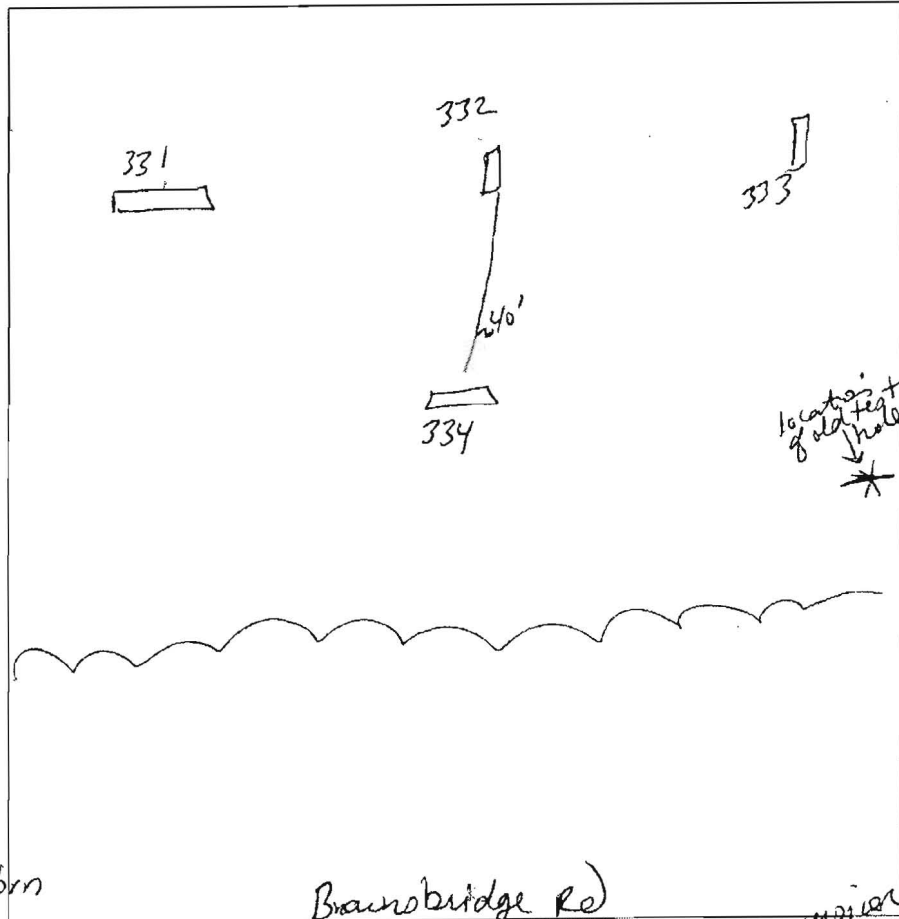
PROPERTY ADDRESS 8061 Browns Bridge Rd Highland  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 5 PARCEL(S) 62 PROPOSED LOT SIZE 3,028 Ac.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Bill SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



332  
 dark brn  
 l sbk  
 ~7"  
 fine scl sbk  
 micaceous  
 1 1/4"  
 d(-2) mottled  
 2'  
 20% chert  
 st brn se  
 dense cw  
 brn, pale brn  
 heavy se cw  
 micaceous  
 Mn striations  
 4'  
 brn se sg  
 micaceous  
 patches of fine scl  
 saprolite mica  
 schist  
 ~10% channery  
 heavy se  
 micaceous  
 mica schist  
 saprolite  
 10% channery  
 14 1/2'

331  
 dark brn l  
 sbk  
 26"  
 St. brown  
 heavy se sg  
 1 1/4"  
 st. brn, brn, pale brn  
 med/coarse se sg  
 micaceous  
 mica schist pl  
 10% channery  
 saprolite  
 20% channery  
 saprolite  
 13'

Brownbridge Rd

conventional

| DATE    | TEST #      | DEPTH   | START       | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|-------------|---------|-------------|---------------|--------------|------------------|-------|
| 5/19/08 | 331         | 5' 13"  | 9:37        | 9:38          | 9:38         |                  | —     |
|         |             | 8" hole | 9:39        | 9:40          | 9:42         | 2   2.66         | P     |
|         |             | 8" hole | 9:50        | 9:57          | 10:08        | 11   14.6        | P     |
|         | 333         | 6' 1/4" | 10:14       | no movement   |              |                  | —     |
|         |             | 7'      | 10:51       | 11:04         | 11:28        | 24               | P     |
|         | 334         | 4' 13"  | 10:24       | 10:24         | 10:25        |                  | —     |
|         |             |         | 10:28       | 10:29         | 10:31        | 2   2.66         | P     |
|         | #331 EAC 2' |         | #332 EAC 5' |               | #334 EAC 2'  |                  |       |

334  
 dark brn  
 l sbk  
 2 1/2"  
 brn  
 heavy se  
 micaceous  
 10% channery pl  
 2'  
 brn se sg  
 (red brn)  
 w/ Mn striations  
 saprolite  
 micaceous  
 15% channery  
 saprolite pl  
 13'

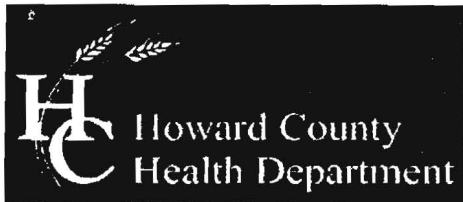
333  
 dark brn  
 l sbk 20% story  
 ~2"  
 brown  
 fine scl  
 4 1/2 - 5'  
 brn red/brn  
 med. se cw  
 mica schist pl  
 25%  
 7'  
 brn  
 coarse se pl sg  
 micaceous  
 20% channery  
 saprolite pl  
 14'

REMARKS Holes dug per stake except # 334 # 333 EAC 7'

SANITARIAN SS BACKHOE Farm Home OTHERS \_\_\_\_\_

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

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



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

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Peter L. Beilenson, M.D., M.P.H., Health Officer

May 28, 2008

Dong and Su Yang  
8061 Browns Bridge Rd  
Highland, Maryland 20777

RE: PERCOLATION TEST RESULTS –  
A#528441  
8061 Browns Bridge Rd

Dear Mr. and Mrs. Yang:

Percolation testing conducted May 19, 2008 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed. Preliminary review supports the expansion of the existing sewage disposal area.

Further review is contingent upon submission of a percolation certification plan. Enclosed are the requirements for a percolation certification plan. A proposal for the Assisted Living Facility needs to be included on the plan including number of bedrooms and number of residents.

Along with the percolation certification plan, a new on-site sewage disposal system for the facility must be designed by an engineer registered in the state of Maryland. The plan must include all necessary details for the construction of the septic system.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

Sara Sappington, R.S.  
Well and Septic Program  
Development Coordination Section

Enclosures



## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, November 15, 2016 8:58 AM  
**To:** 'Jay Schlueter'  
**Cc:** ron@vanmar.com  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

Hi Jay:

The Perc Cert Plan was **approved** on 11/14/16. At this time, we will need a BAT Plan, the old well abandoned and new well drilled and new septic system installed prior to BP approval.

Let me know if you have any questions.

Hank

---

**From:** Jay Schlueter [<mailto:jayschlueter@juno.com>]  
**Sent:** Tuesday, November 15, 2016 8:17 AM  
**To:** Oswald, Hank  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

Hello Hank,

Any progress on 8061 Browns Bridge Rd yet?

Thanks - Jay

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**From:** Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]  
**Sent:** Wednesday, November 9, 2016 2:54 PM  
**To:** [jayschlueter@juno.com](mailto:jayschlueter@juno.com)  
**Subject:** Perc Cert Plan\_Riverview Lot 1

Hi Jay:

The plan has been submitted for signature. Please check back next week for status.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, October 26, 2016 2:45 PM  
**To:** ron@vanmar.com  
**Subject:** Perg Cert Plan\_8061 Browns Bridge Road\_Comments

Hi Ron:

- 1.) Add to Note #14 or make it a separate note, The new septic system must be installed prior to Health Department signature of the building permit.
- 2.) Replace note #10 with, The new well must be drilled and the old well abandoned prior to building permit approval.
- 3.) Add purpose statement to the 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)

# LETTER OF TRANSMITTAL

AGENCY  
  CLIENT  
  FILE  
  BILLING  
  CORRESPONDENCE  
  OTHER

## VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners  
 310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771  
 301-829-2890 301-831-5015 301-695-0600  
 410-549-2751 (FAX) 301-831-5603

**TO :** Howard County  
 Bureau of Environmental Health  
 8930 Stanford Blvd.  
 Columbia, Md. 21042

**Attn:** Hank Oswald

**DATE:** October 19, 2016

**PROJECT :** Riverview

**VMA# :** A7 5097

**COUNTY#**

### ENCLOSED:

| COPIES | DATE     | DESCRIPTION  |
|--------|----------|--|
| 3      | 10/19/16 | Revised Percolation Certification Plan, Lot 1, Riverview |
|        |          |  |
|        |          |  |
|        |          |  |
|        |          |  |

**REMARKS:** Hank plan revised per your comments, submitted for your review and approval. Thanks!

COPIES TO (ADDRESS): Client: Bill Ingram, 901 Driver Road, Marriottsville, Md. 21194

**SUBMITTED BY :** sev

g\ENGRS\A85097\hd revised per plan submission 10.19.16

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, October 11, 2016 8:21 AM  
**To:** ron@vanmar.com  
**Cc:** jayschlueter@juno.com  
**Subject:** Perc Cert Plan\_8061 Browns Bridge Road

Hi Ron:

The perc cert plan for 8061 Browns Bridge Road was reviewed with the following comments:

- 1.) Locate existing system and plot on perc cert plan. Please Note: This office has does not have record of the existing septic system. If existing system is undersized for the newly proposed floor plan showing 4 bedrooms, then a BAT plan will be required and system installed prior to BP approval.
- 2.) Change note #10 to state new well must be drilled and old well abandoned prior to BP approval
- 3.) Need a purpose statement on plan.

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)

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, September 14, 2016 12:33 PM  
**To:** ron@vanmar.com  
**Cc:** 'jayschlueter@juno.com'  
**Subject:** Perc Cert Plan:  
**Attachments:** Perc Cert\_8061 Browns Bridge.pdf

Hi Ron:

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

- 1.) The Sewage Disposal Area (SDA) must be located 25 feet away from all steep slopes greater than 25%. Adjust SDA accordingly.
- 2.) The two outer proposed well locations are down gradient of the SDA on neighboring lots. Use 1500 sq. ft. well box and place in area as shown on attachment.
- 3.) Adjust legend and symbol for well/ well box as needed.

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)

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, September 29, 2016 11:29 AM  
**To:** ron@vanmar.com  
**Cc:** jayschlueter@juno.com  
**Subject:** Perc Cert Rev 1\_8061 Brown Bridge Road\_Comment

Hi Ron:

Thanks for making the changes to the perc cert plan for 8061 Brown Bridge Road, but it still looks like a portion of the SDA is within 25 feet of the steep slopes. You may come in to revise the plan or submit new copies for review.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

# LETTER OF TRANSMITTAL

AGENCY  CLIENT  FILE  BILLING  CORRESPONDENCE  OTHER

## VanMar Associates, Inc.

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310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771  
301-829-2890 301-831-5015 301-695-0600  
410-549-2751 (FAX) 301-831-5603

**TO:** Howard County  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, Md. 21042

**Attn:** Hank Oswald

**DATE:** September 22, 2016

**PROJECT :** Riverview

**VMA# :** A7 5097

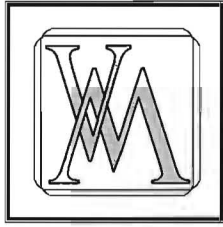
**COUNTY#**

## ENCLOSED:

| COPIES | DATE    | DESCRIPTION  |
|--------|---------|--|
| 1      | 9/22/16 | Letter of Response to Comments to Hank Oswald              |
| 1      | 9/14/16 | Email Comments from Hank Oswald                            |
| 3      | 9/22/16 | Revised<br>Percolation Certification Plan, Lot 1 Riverview |
|        |         |  |
|        |         |  |
|        |         |  |
|        |         |  |

**REMARKS:** Plan revised and submitted for your review and approval and to schedule perc testing.

COPIES TO (ADDRESS): Client: Bill Ingram, 901 Driver Road, Marriottsville, Md. 21194



VANMAR  
ASSOCIATES, INC.

Engineers • Surveyors • Planners

310 South Main Street, P.O. Box 328, Mount Airy, Maryland 21771

(301) 829-2890  
(301) 695-0600

(301) 831-5015

(410) 549-2751  
Fax (301) 831-5603

September, 2016

Mr. Hank Oswald  
Howard County Health Department  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, MD 21045

RE: Perc Cert Plan  
Riverview Lot 1  
Brown's Bridge Road

The following is a response to the September 14, 2016 comments.

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1. *The Sewage Disposal Area (SDA) must be located 25 feet away from all steep slopes greater than 25%. Adjust SDA Accordingly.*

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**Response 1:** SDA adjusted per comment.

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2. *The two outer proposed well locations are down gradient of the SDA on neighboring lots. Use 1,500 sq. ft. well box and place in area as shown on attachment.*

---

**Response 2:** Proposed individual wells removed and well box added per comment.

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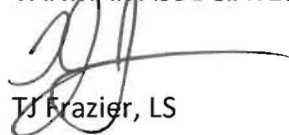
3. *Adjust legend and symbol for well/well box as needed.*

---

**Response 3:** Proposed individual wells removed and well box added per comment.

---

Thank you,  
VANMAR ASSOCIATES



TJ Frazier, LS

507/

**Ron Thompson**

---

**From:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Sent:** Wednesday, September 14, 2016 12:33 PM  
**To:** Ron Thompson  
**Cc:** jayschlueter@juno.com  
**Subject:** Perc Cert Plan:  
**Attachments:** Perc Cert\_8061 Browns Bridge.pdf

Hi Ron:

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

- 1.) The Sewage Disposal Area (SDA) must be located 25 feet away from all steep slopes greater than 25%. Adjust SDA accordingly.
- 2.) The two outer proposed well locations are down gradient of the SDA on neighboring lots. Use 1500 sq. ft. well box and place in area as shown on attachment.
- 3.) Adjust legend and symbol for well/ well box as needed.

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)

Ron - TMV - FILE



## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, November 30, 2016 8:14 AM  
**To:** 'Ron Thompson'  
**Cc:** Williams, Jeffrey  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1\_8061 Brown Bridge Road

Hi Ron:

In order to make an informed decision about keeping the existing system, we will need to know the size, construction (i.e. concrete, top seam tank, 2 compartment etc.) and condition of the existing tank. In addition, we will to know the size and condition of the existing drywell and/or trench(s). If the drywell and or trench(s) are not located in the SDA, we will probably have to conduct additional perc testing to record soil profiles and determine if the existing system has the 4 foot buffer.

Hank

---

**From:** Ron Thompson [<mailto:ron@vanmar.com>]  
**Sent:** Tuesday, November 29, 2016 3:39 PM  
**To:** Oswald, Hank  
**Cc:** [jayschlueter@juno.com](mailto:jayschlueter@juno.com)  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

Hank:

Now that the regulations have changed to not require a BAT tank system for residential properties, would it be possible to use the existing septic tank and septic field? Jay says there were four apartments prior to him purchasing the property and now converting it to a 4-bedroom house. Therefore, you would have equivalent four bedrooms between the four apartments and the four bedrooms. Jay thinks he may have found the tank and potentially the distribution box.

Jay would like to drill the new well and just keep the existing septic system. Is this possible?

Thank you.

Ronald E. Thompson, PE  
VANMAR ASSOCIATES  
310 South Main Street  
PO Box 328  
Mount Airy, Maryland 21771  
301-829-2890 (O)  
443-421-2164 (C)  
301-831-5603 (F)

**From:** Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]  
**Sent:** Tuesday, November 15, 2016 1:32 PM  
**To:** Ron Thompson <[ron@vanmar.com](mailto:ron@vanmar.com)>  
**Cc:** [jayschlueter@juno.com](mailto:jayschlueter@juno.com)  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

Hi Ron:

Attached, please find the septic spec sheet for this 8061 Browns Bridge Road. Based on the perc test results, the SDA was divided into quadrants. Q1 will be for the initial system, Q2 will be for the first replacement system and Q3 will be for the 2<sup>nd</sup> replacement system (see attachment).

I did want to let you know that we were just informed this morning that the BAT requirements will be going away in the very near future for those sites in noncritical areas. However, we will still need to review a septic plan similar to the BAT plan with the exception of a BAT unit and required notes.

When our office receives notification of these changes, we will in turn notify engineers and septic contractors of these new requirements.

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

Hank

---

**From:** Ron Thompson [<mailto:ron@vanmar.com>]  
**Sent:** Tuesday, November 15, 2016 8:59 AM  
**To:** Oswald, Hank  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

Hank – is there a perc specifications sheet for the lot?

Ronald E. Thompson, PE  
VANMAR ASSOCIATES  
310 South Main Street  
PO Box 328  
Mount Airy, Maryland 21771  
301-829-2890 (O)  
443-421-2164 (C)  
301-831-5603 (F)

**From:** Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]  
**Sent:** Tuesday, November 15, 2016 8:58 AM  
**To:** Jay Schlueter <[jayschlueter@juno.com](mailto:jayschlueter@juno.com)>  
**Cc:** Ron Thompson <[ron@vanmar.com](mailto:ron@vanmar.com)>  
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Hi Jay:

The Perc Cert Plan was **approved** on 11/14/16. At this time, we will need a BAT Plan, the old well abandoned and new well drilled and new septic system installed prior to BP approval.

Let me know if you have any questions.

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**From:** Jay Schlueter [<mailto:jayschlueter@juno.com>]  
**Sent:** Tuesday, November 15, 2016 8:17 AM

## Oswald, Hank

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**Sent:** Wednesday, November 30, 2016 8:14 AM  
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**Cc:** [jayschlueter@juno.com](mailto:jayschlueter@juno.com)  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

## Oswald, Hank

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**From:** Oswald, Hank  
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**To:** 'Ron Thompson'  
**Cc:** jayschlueter@juno.com  
**Subject:** RE: Perc Cert Plan\_Riverview Lot 1  
**Attachments:** Septic Specs\_8061 Browns Bridge.pdf; SDA\_8061 Browns Bridge Road.pdf

Hi Ron:

Attached, please find the septic spec sheet for this 8061 Browns Bridge Road. Based on the perc test results, the SDA was divided into quadrants. Q1 will be for the initial system, Q2 will be for the first replacement system and Q3 will be for the 2<sup>nd</sup> replacement system (see attachment).

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**To:** Jay Schlueter <[jayschlueter@juno.com](mailto:jayschlueter@juno.com)>  
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---

**From:** Jay Schlueter [<mailto:jayschlueter@juno.com>]

**Sent:** Tuesday, November 15, 2016 8:17 AM

**To:** Oswald, Hank

**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

Hello Hank,

Any progress on 8061 Browns Bridge Rd yet?

Thanks - Jay

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**From:** Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]

**Sent:** Wednesday, November 9, 2016 2:54 PM

**To:** [jayschlueter@juno.com](mailto:jayschlueter@juno.com)

**Subject:** Perc Cert Plan\_Riverview Lot 1

Hi Jay:

The plan has been submitted for signature. Please check back next week for status.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

No virus found in this message.

Checked by AVG - [www.avg.com](http://www.avg.com)

Version: 2016.0.7859 / Virus Database: 4664/13378 - Release Date: 11/09/16

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**Subject:** RE: Perc Cert Plan\_Riverview Lot 1

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**Subject:** Perc Cert Plan\_Riverview Lot 1

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## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Wednesday, October 12, 2016 11:17 AM  
**To:** ron@vanmar.com  
**Cc:** jayschlueter@juno.com  
**Subject:** Perc Cert

Hi Ron:

Mr. Schlueter came in to talk to me about my most recent comments to the perc cert plan. In the end, we agreed to allow him to field locate the existing septic system components during the installation of the new system.

Mr. Schlueter thinks the existing system is located in front of the house. We would like to see this area bubbled-in and labeled approximate location of the existing septic system. Also, please add the following note to the perc cert plan:

- 1.) All existing septic components must be located and properly abandoned during the installation of the new system.

On the BAT Plan,\* we would like to see the following note added to it:

- 1.) If the location of the existing system conflicts with the installation of the new system then a revised perc cert plan will be required.

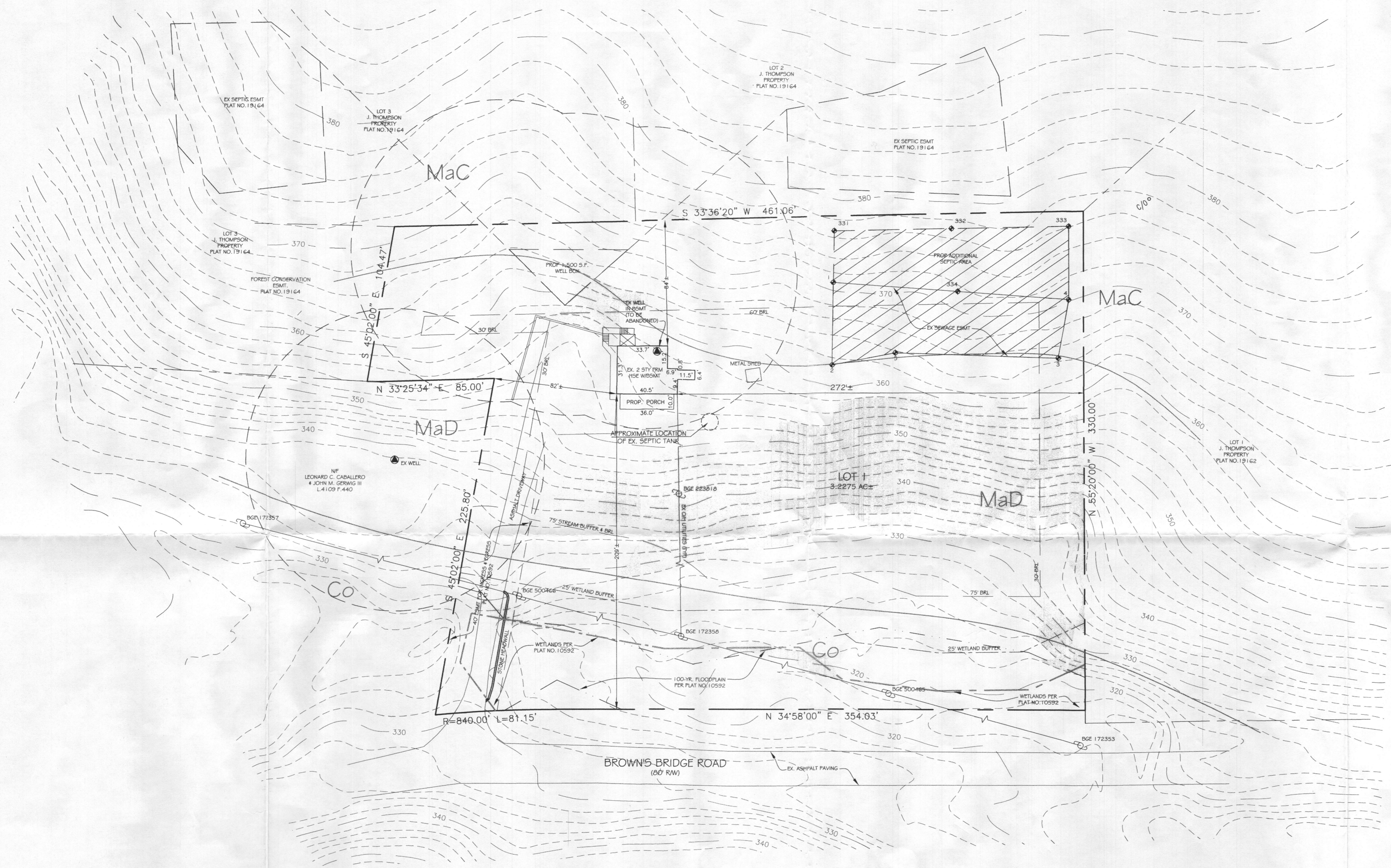
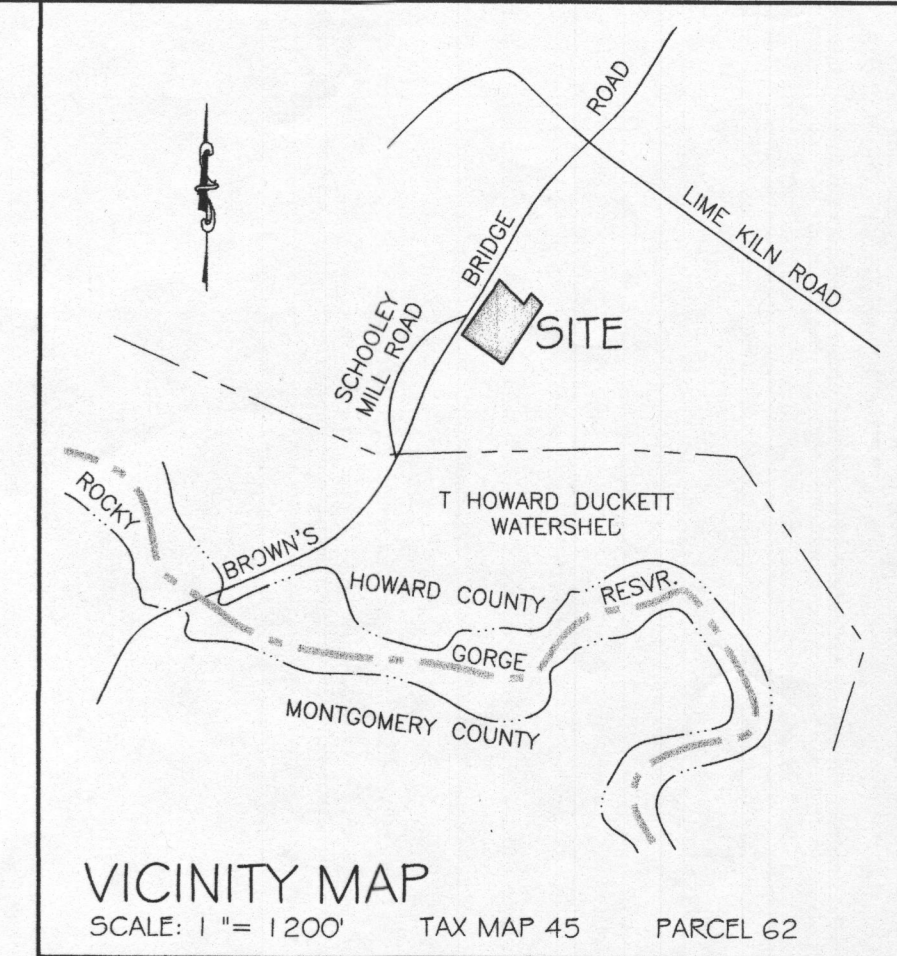
Should you have any questions, please don't hesitate to ask.

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)

MCS (NAD83/91)



**PURPOSE STATEMENT**  
 THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO IDENTIFY THE PROPOSED ADDITIONAL SEPTIC AREA AND DESIGNATE THE WELL AND SEPTIC SYSTEM REQUIREMENTS FOR A BUILDING PERMIT.

- GENERAL NOTES:**
- OWNER: DONG KIL YANG & SU YANG  
 DEED REFERENCE: LIBER 8036 AT FOLIO 320  
 DATE: MARCH 11, 2005  
 GRANTOR: SDAM, LLC
  - TAX MAP: 45 GRID: 8 PARCEL: 62
  - NEAREST POTABLE WATER SUPPLY: FULTON, DISTANCE: 2.0 MILES ±
  - THERE IS NO FLOOD HAZARD AREA (100 YEAR FLOODPLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 24027C01400, EFFECTIVE NOVEMBER 6, 2013.
  - TOPOGRAPHY AND FEATURES ON THE SUBJECT PROPERTY LOCATED/CONFIRMED BY FIELD LOCATIONS BY VANMAR ASSOCIATES. TOPOGRAPHY AND PLANIMETRIC FEATURES ON ADJOINING PROPERTIES TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
  - THERE ARE NO KNOWN WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
  - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES AND ACCURATELY SHOWN.
  - SOIL TYPES: CODORUS (Co), MANOR (MaC, MaD)  
 HOWARD COUNTY SOILS MAP GRID NO. 138.
  - ZONING DISTRICT: RR-DEO
  - THE NEW WELL MUST BE DRILLED AND THE OLD WELL ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.
  - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
  - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDED OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
  - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
  - ALL EXISTING COMPONENTS MUST BE LOCATED AND PROPERLY ABANDONED DURING THE INSTALLATION OF THE NEW SYSTEM. THE NEW SEPTIC SYSTEM MUST BE INSTALLED PRIOR TO HEALTH DEPARTMENT SIGNATURE OF THE BUILDING PERMIT.

**LEGEND**

|  |  |
|--|--|
|  | THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDED OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY. |
|  | (P)ASSED PERCOLATION TEST SITE   |
|  | PROPOSED WELL BOX  |
|  | EXISTING WELL  |
|  | 25% OR GREATER SLOPES  |

APPROVED:  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 [Signature] DATE 1/23/2017  
 HOWARD COUNTY HEALTH OFFICER DATE 1/16/17

OWNER/APPLICANT:  
 ALPENSTOCK, LLC  
 8361 RESERVOIR ROAD  
 FULTON, MD 20759  
 240-393-1287

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21888, EXPIRATION DATE 07/26/17.  
 [Signature] DATE 1/23/17  
 THOMAS E. CAZIER, JR. PROFESSIONAL LAND SURVEYOR

| DATE     | REVISIONS       |
|----------|-----------------|
| 9/21/16  | PER COMMENTS    |
| 9/28/16  | PER COMMENTS    |
| 10/19/16 | PER COMMENTS    |
| 10/28/16 | PER HD COMMENTS |
| 01/12/17 | WELL BOX        |

PERCOLATION CERTIFICATION PLAN  
 LOT 1  
**RIVERVIEW**  
 FLAT NO. 10592  
 8061 BROWN'S BRIDGE ROAD  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 40' SEPTEMBER, 2016

**VANMAR ASSOCIATES, INC.**  
 Engineers Surveyors Planners  
 310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771  
 (301) 829-2890 (301)851-5015 (410) 549-2751