

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, April 30, 2018 10:49 AM  
**To:** 'GARY LANE'  
**Cc:** Ann Zamudio <clevergrethel99@gmail.com> (clevergrethel99@gmail.com); GREGORYREMODELING@GMAIL.COM; Williams, Jeffrey  
**Subject:** RE: Perc Cert Plan\_14788 Carriage Mill Road

Hi Gary:

Let's simplify this a bit. Let's use one symbol for the old and new SDA. You don't have to use a symbol for the buffer. The SDA will simply be two areas divided down the middle by the gas line. Eliminate unusable portion of the SDA along the property lines and simply show the other lines outside the SDA. Send me an e-copy and I will look at it again.

Please call me with any questions.

Thanks,

Hank

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**From:** GARY LANE [<mailto:surlane@comcast.net>]  
**Sent:** Monday, April 30, 2018 10:25 AM  
**To:** Oswald, Hank  
**Cc:** Ann Zamudio <clevergrethel99@gmail.com> (clevergrethel99@gmail.com); GREGORYREMODELING@GMAIL.COM; Williams, Jeffrey  
**Subject:** Re: Perc Cert Plan\_14788 Carriage Mill Road

Hank, please see revised drawing for 14788 Carriage Mill site per your email of Friday the April 27 concerning a butter for the gas and power lines and relocation of the trenches.

On April 27, 2018 at 10:21 AM GARY LANE <[surlane@comcast.net](mailto:surlane@comcast.net)> wrote:

Hank can you call me on my cell phone to day 240-381-3372, concerning your email of to day.

On April 27, 2018 at 8:14 AM "Oswald, Hank"  
<[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Gary:

Good morning. As I mentioned in past correspondence and over the phone, the gas line (and electric) cannot be within the approved Sewage Disposal Area (SDA). On your latest plan received on April 25th, you have the lines labeled gas and electric within the SDA (See attachment). They should be located outside the proposed SDA at least 5 to 10 feet. Either they were mislabeled then or mislabeled now but this will need to be addressed.

Please have Miss Utility field locate all lines (i.e. gas, electric, phone) and plot them on the plan accordingly. If the gas and electric lines are in fact in the middle or right side of the SDA, they will need to be relocated outside the SDA.

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

Thanks,

Hank

Hank Oswald

Licensed Environmental Health Specialist

Howard County Health Department

Bureau of Environmental Health

Well & Septic Program

8930 Stanford Boulevard

Columbia, MD 21045

410.313.1786 (Office)

[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

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## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Friday, April 27, 2018 12:52 PM  
**To:** surlane@comcast.net  
**Cc:** Ann Zamudio <clevergrethel99@gmail.com> (clevergrethel99@gmail.com); GREGORYREMODELING@GMAIL.COM; Williams, Jeffrey  
**Subject:** RE: Perc Cert Plan\_14788 Carriage Mill Road

Hi Gary:

As a follow-up on our earlier telephone conversation, we cannot accept a note with statement to relocate the utilities at time of installation of a replacement system. However, we can accept a plan showing the lines (gas and power) outside of the SDA. You may create a 5 foot buffer on either side the gas line and a 5 foot buffer setback to the power line on the side of the SDA. If you choose this option, you will have to probably relocate some of the proposed trenches. Otherwise, the gas and power lines have to be physically relocated outside the SDA and shown on plan before approval.

Should you have any questions, or wish to meet, please contact me.

Thanks,

Hank

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**From:** Oswald, Hank  
**Sent:** Friday, April 27, 2018 9:15 AM  
**To:** surlane@comcast.net  
**Cc:** Ann Zamudio <clevergrethel99@gmail.com> (clevergrethel99@gmail.com); GREGORYREMODELING@GMAIL.COM; Williams, Jeffrey  
**Subject:** Perc Cert Plan\_14788 Carriage Mill Road

Hi Gary:

Good morning. As I mentioned in past correspondence and over the phone, the gas line (and electric) cannot be within the approved Sewage Disposal Area (SDA). On your latest plan received on April 25th, you have the lines labeled gas and electric within the SDA (See attachment). They should be located outside the proposed SDA at least 5 to 10 feet. Either they were mislabeled then or mislabeled now but this will need to be addressed.

Please have Miss Utility field locate all lines (i.e. gas, electric, phone) and plot them on the plan accordingly. If the gas and electric lines are in fact in the middle or right side of the SDA, they will need to be relocated outside the SDA.

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

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program

8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

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## Oswald, Hank

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**Sent:** Friday, April 27, 2018 9:15 AM  
**To:** surlane@comcast.net  
**Cc:** Ann Zamudio <clevergrethel99@gmail.com> (clevergrethel99@gmail.com); GREGORYREMODELING@GMAIL.COM; Williams, Jeffrey  
**Subject:** Perc Cert Plan\_14788 Carriage Mill Road  
**Attachments:** Perc Cert Plan\_Carriage Mill Road.pdf

Hi Gary:

Good morning. As I mentioned in past correspondence and over the phone, the gas line (and electric) cannot be within the approved Sewage Disposal Area (SDA). On your latest plan received on April 25th, you have the lines labeled gas and electric within the SDA (See attachment). They should be located outside the proposed SDA at least 5 to 10 feet. Either they were mislabeled then or mislabeled now but this will need to be addressed.

Please have Miss Utility field locate all lines (i.e. gas, electric, phone) and plot them on the plan accordingly. If the gas and electric lines are in fact in the middle or right side of the SDA, they will need to be relocated outside the SDA.

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

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
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8930 Stanford Boulevard  
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410.313.1786 (Office)  
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Maura J. Rossman, M.D., Health Officer

**MEMORANDUM**

**TO:** Maryland Land Surveying  
9890 Lyon Avenue  
Laurel MD 20723

**FROM:** Hank Oswald, L.E.H.S.  
Well & Septic Program

**RE:** 14788 Carriage Mill Road  
Woodbine, MD 21797

**Date:** April 23, 2018

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The amended perc cert plan for 14788 Carriage Mill Road has been reviewed with the following comments:

- 1.) Label lines (i.e. Phone, Cable) inside the SDA. Gas lines may not be within the SDA.
- 2.) Revise Calculations
  - *Area of trench required* =  $5 \times 150 = 750\text{gpd}/0.8 = 937.5$
  - *Length of trench required* =  $937.5/3\text{ft.} = 312.5$  (6<sup>th</sup> column)
  - *Trench Reduction Factors Column 9)*  
Initial = .71  
First Replacement = .45  
Second Replacement = .45
  - *Required Length of Trench (LF)*  
Initial = 221.9 (The existing system will be considered the initial system)  
First Replacement = 140.6 (2 – 70 ft. trenches)  
Second Replacement = 140.6 (2 – 70 ft. trenches)
  - *Adjusted Length of Required Trench (Column 10)*  
Existing System = 221.9  
First Replacement = 140.6  
Second Replacement = 140.6
- 3.) Change system names in chart to match system names on plan
- 4.) Add existing perc test hole locations back to plan
- 5.) Provide 2 copies of the plan for signature (add 1 additional copy for your records)

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, April 23, 2018 2:51 PM  
**To:** surlane@comcast.net  
**Cc:** 'Ann Zamudio'; GREGORYREMODELING@GMAIL.COM  
**Subject:** Perc Cert Plan Comments\_14788Carriage Mill Road  
**Attachments:** PERC CERT Memo To MD Land Surveying\_2018.pdf

Hi Gary:

Attached, please find a memo pertaining to the perc cert plan for 14788 Carriage Mill Road. I welcome a quick meeting to go over my plan review comments in the office. I can make myself available anytime tomorrow, Wednesday or Friday. Alternatively, you may call me to discuss.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

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## Oswald, Hank

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**From:** Ann Zamudio <clevergrethel99@gmail.com>  
**Sent:** Thursday, April 19, 2018 2:54 PM  
**To:** surlane@comcast.net; Oswald, Hank  
**Cc:** Joseph Gregory; Wolf, Kevin  
**Subject:** 14788 Carriage Mill Road - Permit B17004401

Good afternoon Gentlemen,

I'm the homeowner for 14788 Carriage Mill Road. As this process has extended for quite some time, I'd like to be included in the correspondence regarding the Health Department permit going forward.

Kevin has kindly forwarded me the latest email string dated 4/16, with the last request coming from Hank for more information from Gary.

Gary, I would greatly appreciate if you'd confirm the status of providing that information. It looks like Hank's notes are in regards to perc test holes disappearing from the latest version of the plan, a possibly incorrect listing of bedrooms, requiring labels for lines, etc.

Thanks,  
Ann

--  
Ann Zamudio

## Wolf, Kevin

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**From:** Oswald, Hank  
**Sent:** Tuesday, April 03, 2018 10:51 AM  
**To:** joseph gregory  
**Cc:** GARY LANE; Williams, Jeffrey; Wolf, Kevin  
**Subject:** RE: Perc Test Results\_14788 Carriage Mill Road

Hello All:

We are in receipt of a permit application for a septic tank replacement for a "collapsed tank" which probably isn't the case. As you know, the tank upgrade is for a bedroom addition. In any case, we need to finale the perc cert plan prior to building permit approval. Please forward 3 copies of the perc cert plan for review as soon as possible.

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

Respectfully,

Hank

**From:** joseph gregory [<mailto:gregoryremodeling@gmail.com>]  
**Sent:** Wednesday, March 14, 2018 1:44 PM  
**To:** Oswald, Hank  
**Cc:** GARY LANE; Williams, Jeffrey  
**Subject:** Re: Perc Test Results\_14788 Carriage Mill Road

Hank,

Am I to understand that the Plan Review Comments you sent are only regarding the trenches and reserve area of the septic system? If I understand correctly, we do not need additional trenches, is that correct?

What about the septic tank? Were you able to find out if it is sized correctly?

Thanks,

Joseph Gregory  
Gregory Custom Remodeling, LLC  
MHIC 85779  
443.831.7563

On Wed, Mar 14, 2018 at 12:06 PM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hello Gentlemen:

Attached, please find the perc test results for 14788 Carriage Mill Road along with the septic specs for the replacement systems and comments to the perc test plan. Should you have any questions, please don't hesitate to ask.

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, April 16, 2018 3:08 PM  
**To:** 'GARY LANE'; joseph gregory  
**Subject:** RE: carriage mill

Hi Gary:

At a glance, here is what I found on the second revision.

- The total square foot of absorption area should be 937.5 (not 312.5).
- The total linear feet of trench should be 312.5 LF (before sidewall credit)

### Example Calculation for Existing System

5 BR's x 150 gpd = 750 gpd

750gpd/0.8 = 937.5 total square foot of absorption area

937.5/3 ft wide trench = 312.5 linear feet of trench

312.5 LF x .71 = 221.9 LF of trench required after sidewall credit

2-93 ft. and 1-94 ft. of provided Trench (This matches what's on record even though the calculation comes out to be 221.9. We are making the existing system, the initial system. The other systems will consist of just 2-70.5 ft. trenches because each system needs a total of 140.6 LF of trench).

- The #s within the column called "Adjusted Length of Required Trench" are in incorrect.
- Some of the perc test holes disappeared on this version of the plan.
- Reread note 11. I think the # should be 5 (not 4 bedrooms)
- Label lines within the SDA (phone, cable etc. and add to note #13)
- Match symbol for well box to plan.

If we need to meet on this, please let me know.

Thanks,

Hank

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**From:** GARY LANE [mailto:surlane@comcast.net]  
**Sent:** Monday, April 16, 2018 2:11 PM  
**To:** Oswald, Hank; joseph gregory  
**Subject:** RE: carriage mill

Hank see attached of phone correction, thanks.

On April 16, 2018 at 11:37 AM "Oswald, Hank" <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Gary:

We just spoke on the phone about corrections to be made to the revised plan on this email chain. Submit one more e-copy with the changes that we talked about and I will call you if I find

something or comment back. As I mentioned, I will be in the field all day tomorrow and then out of the office for the rest of the week, returning Monday.

Before we can proceed with the tank replacement, we will need a signed perc cert plan. Please understand that a perc cert plan goes through multiple hands during the review process before it is signed/approved.

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

Thank you for your time,

Hank

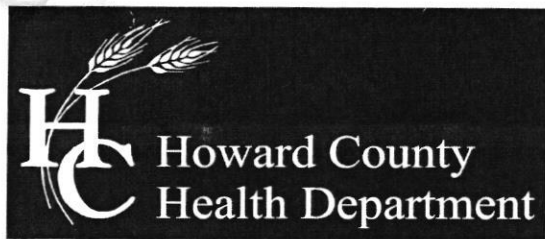
---

**From:** GARY LANE [<mailto:surlane@comcast.net>]  
**Sent:** Monday, April 16, 2018 10:27 AM  
**To:** Oswald, Hank; joseph gregory  
**Subject:** carriage mill

Hank

please see revised drawing for 14788 Carriage Mill Road site.

**Gary Lane**  
**Maryland Land Surveying**  
*Consulting Surveyors & Land Planners*  
**9890 Lyon Ave**  
**Laurel, Maryland 20723**  
**(301) 206-2258**



**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**

---

March 14, 2018

Maryland Land Surveying  
9890 Lyon Avenue  
Laurel, MD 20723  
Attn: Gary Lane

*Sent via email to:* [surlane@comcast.net](mailto:surlane@comcast.net); [gregoryremodeling@gmail.com](mailto:gregoryremodeling@gmail.com)

**RE: Percolation Test Plan  
14788 Carriage Mill Road  
Woodbine, MD 21797**

Hi Gary:

The perc test plan for 14788 Carriage Mill Road has been reviewed with the following comments;

- 1.) Eliminate proposed trench and note #5 on plan. Current system is large enough to accommodate a 5 bedroom residence. *Floor plans for basement do not show a full bathroom therefore no bedrooms exist in basement.*
- 2.) Revise legend symbol description to read, Proposed perc test hole
- 3.) Revise legend symbol description to read, Existing/passed perc test holes.
- 4.) Revise legend symbol description to read, Proposed 1500 sq. ft. well box
- 5.) Match symbol for well box to plan.
- 6.) Show phone, cable, gas and electric lines on plan
- 7.) Add note to plan stating, Future replacement systems may involve rerouting the existing phone and cable line(s).
- 8.) Show how (2) replacement systems for a 5 bedroom residence fit within the SDA. Septic specs supplied. Show calculations on plan.
- 9.) Show soil units

Should you have any concerns or questions, please don't hesitate contact me.

Respectfully,

*Hank Oswald*

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

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, March 26, 2018 2:20 PM  
**To:** 'joseph gregory'  
**Cc:** surlane@comcast.net  
**Subject:** RE: Perc Test Results\_14788 Carriage Mill Road

Hi Joe:

The floor plans submitted showed 4 bedrooms on the 2<sup>nd</sup> floor (2 FB), no bedrooms on the 1<sup>st</sup> floor (1/2 B) and no bedrooms in the basement (0 B). The proposed addition has 1 BR. A 1500 gallon, 2 compartment septic tank would be adequate for a 5 bedroom house.

Thanks,

Hank

**From:** joseph gregory [mailto:[gregoryremodeling@gmail.com](mailto:gregoryremodeling@gmail.com)]  
**Sent:** Monday, March 26, 2018 1:21 PM  
**To:** Oswald, Hank  
**Subject:** Re: Perc Test Results\_14788 Carriage Mill Road

Hello Hank,

I spoke with John at Fogles about installing a new septic tank. Are you requiring an upgrade from 1250 gallons to 1500, or 2000 gallons. Let me know.

Thanks,

Joe

Joseph Gregory  
Gregory Custom Remodeling, LLC  
MHIC 85779  
443.831.7563

On Wed, Mar 14, 2018 at 2:27 PM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Mr. Gregory:

Based on today's perc test results, the residence won't need additional trenches for the proposed 5<sup>th</sup> bedroom addition but the tank must be replaced. The septic record indicates that a 1250 gallon tank was installed. This tank is good for 4 bedrooms but not 5. With that said, the tank will need to be replaced prior to building permit approval. A septic permit application and fee of \$165 will be required for this upgrade.

Please contact me with any other questions.

Thanks,

Hank

**From:** joseph gregory [mailto:[gregoryremodeling@gmail.com](mailto:gregoryremodeling@gmail.com)]

**Sent:** Wednesday, March 14, 2018 1:44 PM

**To:** Oswald, Hank

**Cc:** GARY LANE; Williams, Jeffrey

**Subject:** Re: Perc Test Results\_14788 Carriage Mill Road

Hank,

Am I to understand that the Plan Review Comments you sent are only regarding the trenches and reserve area of the septic system? If I understand correctly, we do not need additional trenches, is that correct?

What about the septic tank? Were you able to find out if it is sized correctly?

Thanks,

Joseph Gregory

Gregory Custom Remodeling, LLC

MHIC 85779

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On Wed, Mar 14, 2018 at 12:06 PM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hello Gentlemen:

Attached, please find the perc test results for 14788 Carriage Mill Road along with the septic specs for the replacement systems and comments to the perc test plan. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald

Licensed Environmental Health Specialist

Howard County Health Department

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Columbia, MD 21045

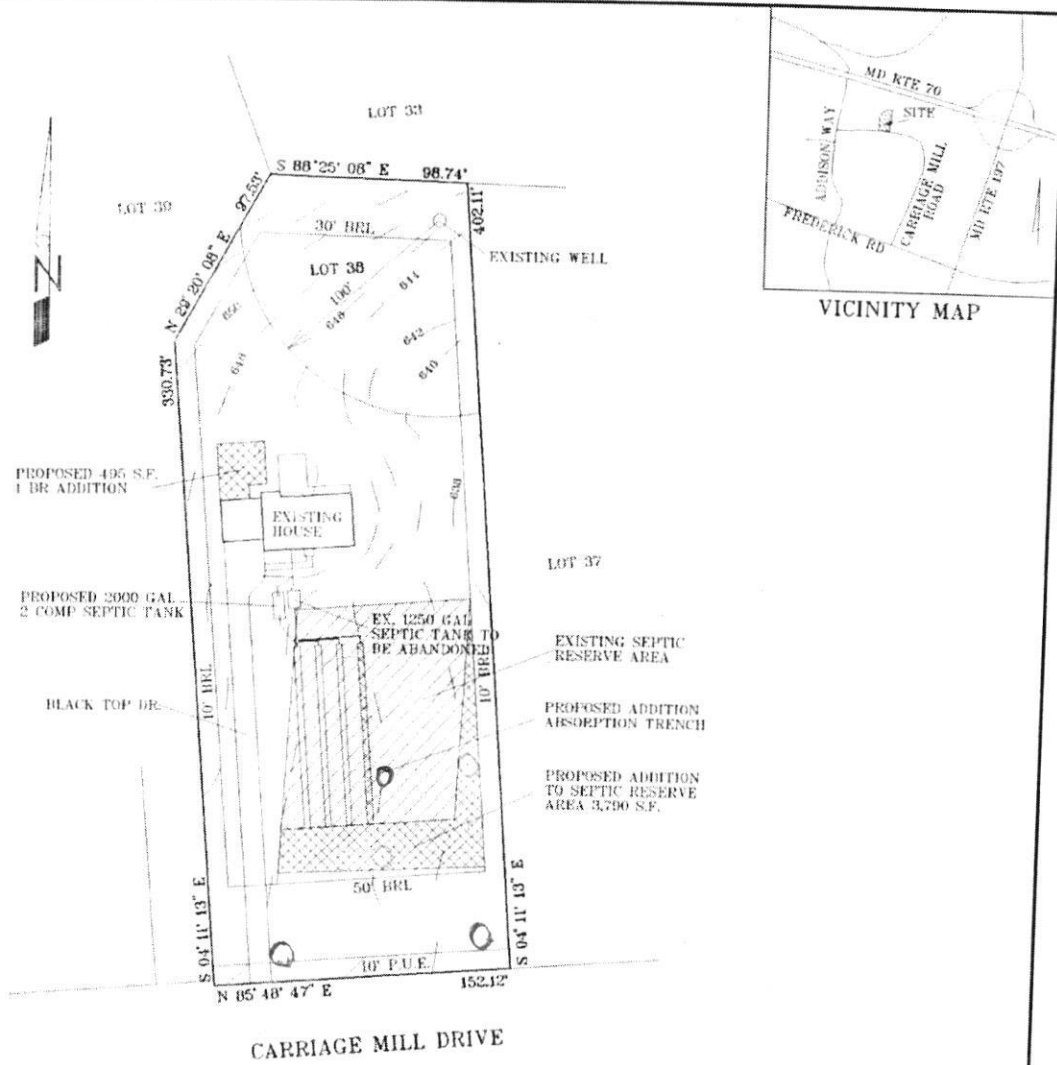
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- GENERAL NOTES
- 1) THERE IS NO GRADING ON THIS SITE.
  - 2) DISTURBED AREA FOR THIS SITE IS 506 SQ.FT.
  - 3) SITE ZONING IS RC-DEO.
  - 4) THE PURPOSE OF THIS SURVEY TO SHOW EXISTING SITE CONDITIONS AND LOCATIONS FOR THE HOUSE ADDITION.
  - 5) 1999 PERC RESULTS 11 MIN AVG. 20SF/DR ABSORPTION AREA REQUIRED 20 TRENCH DIMS 60GL X W X 5.5D W/2 STONE BELOW PIPE
  - 6) THE AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDED OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
  - 7) ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
  - 8) THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  - 9) TOPOGRAPHY SHOWN IS AT TWO FOOT CONTOUR INTERVALS (ONE FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
  - 10) ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
  - 11) THE SUBJECT PROPERTY HAS A LIMITATION OF FIVE (5) BEDROOMS UNLESS AN EXHIBIT PRESENTED BY CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE APPROVED SEWAGE DISPOSAL AREA WILL ACCOMMODATE THE WASTEWATER DISCHARGE FOR A RESIDENCE HAVING MORE THAN 4 BEDROOMS.
  - 12) THE CASING OF THE EXISTING WELL MUST BE EXTENDED TO MEET CODE REQUIREMENT, AND A FITLESS ADAPTER FITTED TO IT, PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT FOR AN ADDITION TO THE RESIDENCE.

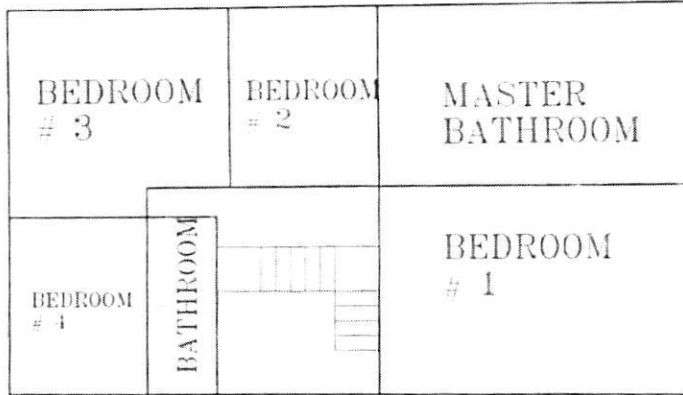


REVISED PERCOLATION CERTIFICATION PLAN

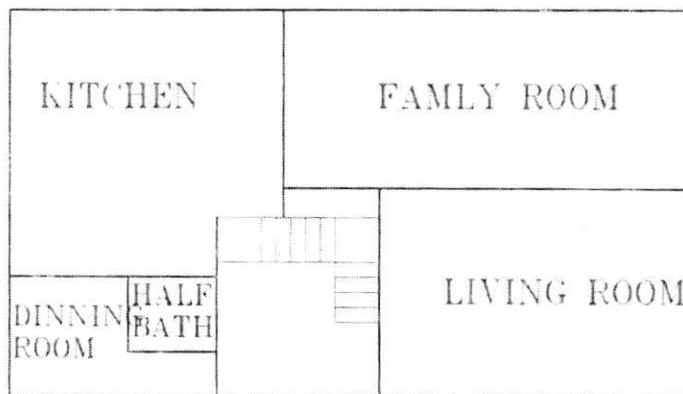
I Hereby Certify That These Documents Were Prepared By Me and That I Am a Duly Licensed Property Line Surveyor Under The Laws Of The State Of Maryland, License No. 074, exp Date 03/21/19.			
Gary E. Lane P.L.S.	Date	SCALE 1" = 40'	DWG. BY G.E.L.
Approved For Private Water and Private Sewerage Systems		BOOK 16996	COUNTY HOWARD
Health Officer, Howard County Health, Dept.	Date	FILED 174	ELECTION DISTRICT 04
		PLAT BOOK 13558	DATE 02/22/18

OWNER / DEVELOPER  
 JAVIER & ANN ZAMUDIO  
 14788 CARRIAGE MILL ROAD  
 WOODBINE MD 21797  
 240-678-2739

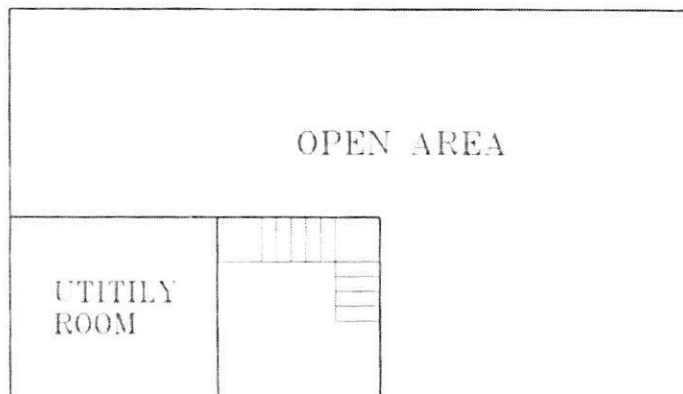
MARYLAND LAND SURVEYING  
 CONSULTING LAND SURVEYORS AND PLANNERS  
 9800 LYON AVENUE  
 LAUREL, MARYLAND 20723  
 (301) 206-2258



SECOND FLOOR PLAN



FIRST FLOOR PLAN

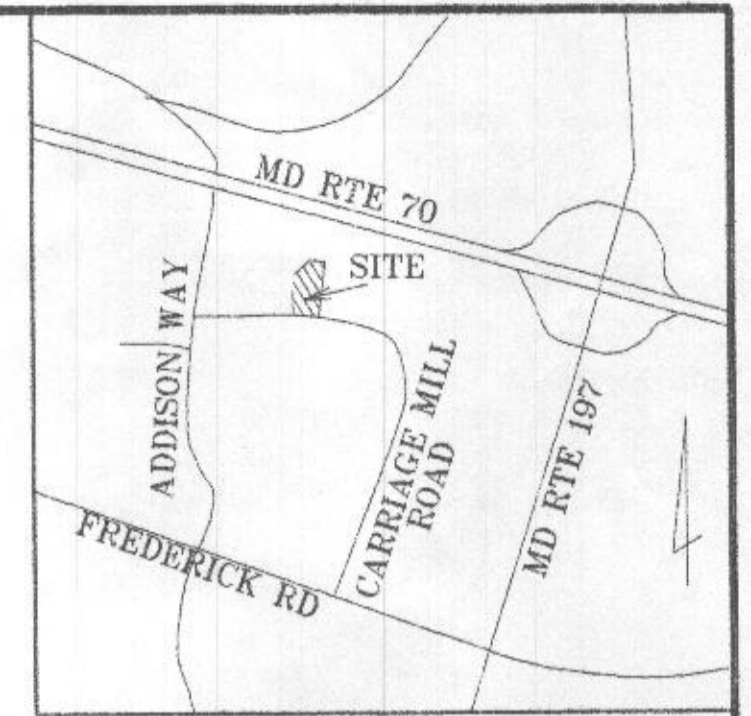
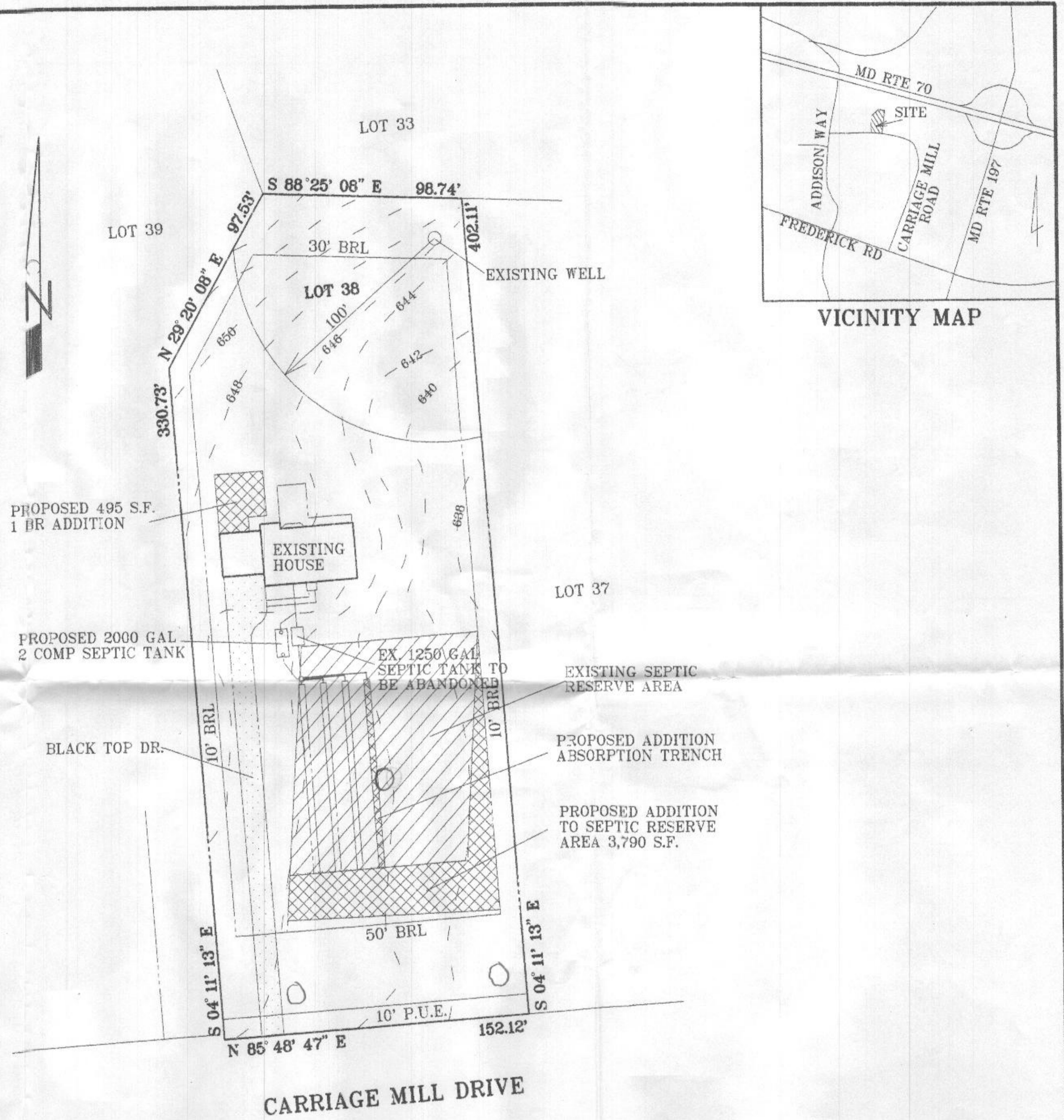


BASEMENT LEVEL

FLOOR PLAN FOR  
 14788 CARRIAGE MILL DRIVE  
 RESIDENCE  
 WOODBINE, MD 21797

GENERAL NOTES

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- 4) THE PURPOSE OF THIS SURVEY TO SHOW EXISTING SITE CONDITIONS AND LOCATIONS FOR THE HOUSE ADDITION.
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- 8) THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 9) TOPOGRAPHY SHOWN IS AT TWO FOOT CONTOUR INTERVALS ( ONE FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET ) AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
- 10) ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- 11) THE SUBJECT PROPRTY HAS A LIMITATION OF FIVE (5) BEDROOMS UNLESS AN EXHIBIT PRESENTED BY CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE APPROVED SEWAGE DISPOSAL AREA WILL ACCOMMODATE THE WASTEWATER DISCHARGE FOR A RESIDENCE HAVING MORE THAN 4 BEDROOMS.
- 12) THE CASING OF THE EXISTING WELL MUST BE EXTENDED TO MEET CCDE REQUIREMENT, AND A PITLESS ADAPTER FITTED TO IT, PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT FOR AN ADDITION TO THE RESIDENCE.



VICINITY MAP

REVISED PERCOLATION CERTIFICATION PLAN

I Hereby Certify That These Documents Were Prepared By Me and That I Am a Duly licensed Property Line Surveyor Under The Laws Of The State Of Maryland, License No. 574, exp Date 03/21/19.

Gary E. Lane P.L.S.	Date	SCALE 1" = 40'	DWG BY G.E.L.	CASE No.
Approved For Private Water and Private Sewerage Systems		LEBR 16995	ELECTION DISTRICT 04	COUNTY HOWARD
Health Officer, Howard County Health, Dept.	Date	PLAT BOOK PLAT NO. 13558		DATE 02/22/18

OWNER / DEVELOPER  
 JAVIER & ANN ZAMUDIO  
 14788 CARRIAGE MILL ROAD  
 WOODBINE MD 21797  
 240-878-2739

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