

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

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 4 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) MICHAEL L WISE

DAYTIME PHONE 410-977-9414 CELL _____ FAX _____

MAILING ADDRESS 12050 HALL SHOP ROAD, CLARKVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT ROBERT H. VOEL ENGINEERING, INC

DAYTIME PHONE 410-461-7666 CELL _____ FAX _____

MAILING ADDRESS 8407 MAIN STREET, ELLICOTT CITY, MD, 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 12050 HALL SHOP ROAD LOT NO. _____

PROPERTY ADDRESS SAME AS ABOVE
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 GRID 01 PARCEL(S) 258 PROPOSED LOT SIZE 3.72 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. [Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, June 21, 2016 11:35 AM
To: 'Jeremiah Reynolds'; Bernard, Dana
Cc: 'Rob Vogel'
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Jeremiah

No, the well is not holding up the percolation cert. Yes, you may encroach closer than normal; 5 feet to the property line, driveway and existing foundation but you will need to submit a waiver request letter along the revised plan.

Thanks,

Hank

From: Jeremiah Reynolds [mailto:jreynolds@vogeleng.com]
Sent: Tuesday, June 21, 2016 10:17 AM
To: Oswald, Hank; Bernard, Dana
Cc: 'Rob Vogel'
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Hank,

I have a few questions concerning the comments you just supplied. The well test results are not holding up the signing of the percolation certification plan is it? We do not normally have to wait for the well to be dug and the test results to come back in order to get signature on a percolation certification plan. If you just need us to supply you with 3 copies of the plan to get signatures, we will do that. Just want to make sure that it is not the digging of the well that is holding us up. Also, the proposed SDA is at the 10' minimum setback to the property line and the driveway. Are you saying we can encroach closer than the normal 10' to the property line and driveway for this project? If so, how close can we get? The other question concerns the existing house that is to be abandoned. By expanding the SDA further uphill toward the existing house, we will no longer have the required 20' buffer to an existing foundation. Are we able to encroach closer than 20' to the foundation for this project? Again, if so, how close can we get? Please advise.

Thank you,

Jeremiah Reynolds
Cad Drafter
Robert H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, MD 21043
Phone: 410-461-7666
Fax: 410-461-8961
Email: jreynolds@vogeleng.com
www.vogeleng.com

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Tuesday, June 21, 2016 10:01 AM
To: Jeremiah Reynolds; Bernard, Dana
Cc: Rob Vogel
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Hi Jeremiah:

Looking over the file, it looks like we were waiting on the well to be drilled and the water sample results to come back. Also, we only received 1 copy of the last perc cert plan time stamped December 23, 2016. If you wish to receive a signed copy of the perc cert, then please submit (3) copies for signature.

Anyway, we don't have a whole lot of confidence in holes 1 and 2 so we would like to see the SDA expanded on the opposite side near holes 3 and 5 with trenches starting at the very top (see attachment for details). Additionally, since we have a well located down gradient of the SDA, we would like to see this comment added to the plan, "MDE has approved the well to be located down gradient of the septic system on this lot and a BAT unit will be required. Also add this comment; "Existing well near existing house must be abandoned prior to approval of any building permit". Lastly, a copy of the sewage disposal septic spec sheet is attached for your review.

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

Respectfully,

Hank

From: Jeremiah Reynolds [<mailto:jreynolds@vogeleng.com>]
Sent: Monday, June 20, 2016 8:52 AM
To: Bernard, Dana
Cc: Oswald, Hank; Rob Vogel
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Dana and Hank,

I would like to request the septic trench specifications for the Wise property. I do not think we ever received them. We need to design the BAT system and will need that information to do so. Also, do you have the signed copy of the percolation certification plan at the office? I do not see one in our files. I think that we sent up final copies around Thanksgiving at the same time we sent up the well test exhibit. Please let me know as soon as you can.

Thanks,

Jeremiah Reynolds
Cad Drafter
Robert H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, MD 21043
Phone: 410-461-7666
Fax: 410-461-8961
Email: jreynolds@vogeleng.com
www.vogeleng.com

Oswald, Hank

From: Oswald, Hank
Sent: Monday, July 11, 2016 3:09 PM
To: jreynolds@vogeleng.com
Subject: Wise Property_Perc Cert Plan

Hi Jeremiah:

Properties that predate March 1972 are not required to have 10,000 unless it was created with 10,000. Otherwise, the lot only requires an initial and 2 replacement systems.

The note at the bottom should read:

This area designates a private sewage area large enough to accommodate an initial and two replacement systems 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. Recordation of a modified sewage area shall not be necessary.

Also, we still need the Waiver Request for the 5 foot setback to the property lines, driveway and existing foundation.

Let me know if you have any questions.

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)

Bernard, Dana

From: Jeremiah Reynolds [jreynolds@vogeleng.com]
Sent: Wednesday, August 12, 2015 8:59 AM
To: Bernard, Dana
Cc: Rob Vogel
Subject: 12050 Hall Shop Road

Dana,

The property owner, Mr. Wise, has confirmed that September 16th, 2015 will be acceptable to do the percolation testing. He has arranged for Fogle's Septic Service to be on site that morning to do the excavation.

Thank you,

Jeremiah Reynolds
Cad Drafter



Email: jreynolds@vogeleng.com
www.vogeleng.com

A/P _____

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|------|--------|-------|-------|------------------|-----------------|---------------------|-------|
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REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

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

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

Memorandum

TO: Jeremiah Reynolds
Vogel Engineering, Inc.

FROM: Hank Oswald
Well & Septic Program

RE: Percolation Cert Plan
Wise Property
12050 Hall shop Road

DATE: July 27, 2016

The Health Department has reviewed the above referenced Percolation Certification Plan and has the following comments.

1. Remove any symbol in legend that isn't on the plan (i.e. Failed Perc Test)
2. Match symbol for Prop Replacement Well on plan with legend symbol
3. Add symbol(s) to legend for shaded areas
4. Add "TBR" to Conc Pad in SDA.
5. Provide the Waiver Request for the setback adjustments to the property lines, driveway and existing foundation.

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, June 21, 2016 10:01 AM
To: 'Jeremiah Reynolds'; Bernard, Dana
Cc: Rob Vogel
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)
Attachments: Perc Cert SDA Modified.pdf; Septic Specs_12050 Hall Shop Road.pdf

Hi Jeremiah:

Looking over the file, it looks like we were waiting on the well to be drilled and the water sample results to come back. Also, we only received 1 copy of the last perc cert plan time stamped December 23, 2016. If you wish to receive a signed copy of the perc cert, then please submit (3) copies for signature.

Anyway, we don't have a whole lot of confidence in holes 1 and 2 so we would like to see the SDA expanded on the opposite side near holes 3 and 5 with trenches starting at the very top (see attachment for details). Additionally, since we have a well located down gradient of the SDA, we would like to see this comment added to the plan, "MDE has approved the well to be located down gradient of the septic system on this lot and a BAT unit will be required. Also add this comment; "Existing well near existing house must be abandoned prior to approval of any building permit". Lastly, a copy of the sewage disposal septic spec sheet is attached for your review.

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

Respectfully,

Hank

From: Jeremiah Reynolds [<mailto:jreynolds@vogeleng.com>]
Sent: Monday, June 20, 2016 8:52 AM
To: Bernard, Dana
Cc: Oswald, Hank; Rob Vogel
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Dana and Hank,

I would like to request the septic trench specifications for the Wise property. I do not think we ever received them. We need to design the BAT system and will need that information to do so. Also, do you have the signed copy of the percolation certification plan at the office? I do not see one in our files. I think that we sent up final copies around Thanksgiving at the same time we sent up the well test exhibit. Please let me know as soon as you can.

Thanks,

Jeremiah Reynolds
Cad Drafter
Robert H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, MD 21043

Phone: 410-461-7666
Fax: 410-461-8961
Email: jreynolds@vogeleng.com
www.vogeleng.com

From: Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]
Sent: Tuesday, November 24, 2015 4:17 PM
To: 'Jeremiah Reynolds'
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Thanks

From: Jeremiah Reynolds [<mailto:jreynolds@vogeleng.com>]
Sent: Tuesday, November 24, 2015 3:58 PM
To: Bernard, Dana
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Ok. Thank you very much. Have a good turkey day.

Jeremiah Reynolds
Cad Drafter
Robert H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, MD 21043
Phone: 410-461-7666
Fax: 410-461-8961
Email: jreynolds@vogeleng.com
www.vogeleng.com

From: Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]
Sent: Tuesday, November 24, 2015 3:50 PM
To: 'Jeremiah Reynolds'
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Looks good. I will complete final review when received in our office. It is very hard for us to notice everything on our computers.

Thanks
Dana

From: Jeremiah Reynolds [<mailto:jreynolds@vogeleng.com>]
Sent: Monday, November 23, 2015 4:43 PM
To: Bernard, Dana
Subject: Revised Percolation Certification Plan (12050 Hall Shop Road)

Dana,

Attached is the revised Percolation Certification Plan that I spoke to you about. I think we have addressed all of your comments. Please take a look at it and let me know if everything is satisfactory. If it is, I will have Mr. Wise stop by tomorrow and pick up copies of this and his well test exhibit.

From: Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]
Sent: Tuesday, November 24, 2015 4:17 PM
To: 'Jeremiah Reynolds'
Subject: RE: Revised Percolation Certification Plan (12050 Hall Shop Road)

Thanks

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Jeremiah Reynolds
Cad Drafter
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www.vogeleng.com

From: Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]
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Looks good. I will complete final review when received in our office. It is very hard for us to notice everything on our computers.

Thanks
Dana

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Thanks,

Jeremiah Reynolds

Cad Drafter



Email: jreynolds@vogeleng.com

www.vogeleng.com

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, July 27, 2016 9:19 AM
To: jreynolds@vogeleng.com
Subject: Perc Cert Plan Memo
Attachments: Memo_Perc Cert PLAN_2016.pdf

Hi Jeremiah:

Attached, please find comments pertaining to the Perc Cert Plan for the Wise Property.

Let me know if you have any questions.

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)

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS

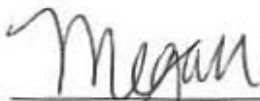
LETTER OF TRANSMITTAL

Date: July 20, 2016
To: Howard County Health Department
Attn:
cc:
Subject: Wise Property – 12050 Hall Shop Road
Project Number:

ATTACHED:

| # Copies | Description |
|----------|-------------------------|
| 3 | Perc Cert for signature |
| 3 | BAT plan |
| | |
| | |

Remarks:



Transmitted by: _____

Received by: _____

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, November 29, 2016 8:30 AM
To: jreynolds@vogeleng.com
Subject: Perc Cert_12050 Hall shop Road

Hi Jeremiah:

I received/reviewed the revised perc cert for 12050 Hall Shop Road and I plan to forward it for signature but we still need the Waiver request from owner regarding the SDA 5 foot setback to the property line.

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)



HOWARD COUNTY HEALTH DEPARTMENT

56573

DATE 8/12/15

AS

Received From

Michael Wee

PHONE #

For

Phone Repair / 12058 H.O. Shop
Pd.

CASH

CHECK

NO

167

Five hundred Sixty

Dollars

\$

506.00

Received By

AKins



Office of the Health Officer
8930 Stanford Blvd., Columbia, MD 21045
Main: 410-313-6300 | Fax: 410-313-6303
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Face book: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

TO: Vogel Engineering, Inc.
C/O Rob Vogel
Via E-mail: rvogel@vogeleng.com

FROM: Dana Bernard, REHS/L.E.H.S.
Well and Septic Program

RE: 12050 Hall Shop Road
Percolation Certification Testing Results

DATE: September 25, 2015

Percolation testing was conducted on the referenced property on September 16, 2015. The purpose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for 1 lot.

A total of five (5) test holes evaluated and five (5) were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the five (5) percolation test holes which were satisfactory. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

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 a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve areas. Your plan must contain all of the surrounding properties including the septic and well areas. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Sincerely,

Dana Bernard, REHS/RS
Environmental Specialist II
Phone (410) 313-2775
Fax (410) 313-2648
E-mail: DBernard@howardcountymd.gov

AP

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#2
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#5
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| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|--------|--------|-------|------------------|-----------------|---------------------|-------|
| 9-16-15 | #1 | 3/11 | 10:44 | 10:51 | 11:00 | 9min | P |
| 9-16-15 | #2 | 3.5/11 | 11:07 | 11:11 | 11:17 | 6min | P |
| 9-16-15 | #3 | /14 | 11:40 | 11:52 | 11:59 | 7min | P |
| 9-16-15 | #4 | 3.5/14 | 11:40 | 11:45 | 11:50 | 11min | P |
| 9-16-15 | #5 | 5/14 | 12:00 | 12:10 | 12:21 | 11min | P |
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REMARKS Any future building app would require
 SANITARIAN Bevard BACKHOE Jake OTHERS Mr. Wise an upgrade
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/ER _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

14

Oswald, Hank

From: Rob Vogel <rvogel@vogeleng.com>
Sent: Friday, September 30, 2016 5:09 PM
To: Oswald, Hank; Williams, Jeffrey
Cc: jerimiah reynolds
Subject: Wise Property, 12050 Hall Shop

Jeff and Hank

In your latest email you ask that the trenches move up to the very top of the area to create uneven trenches and top trench length of 35'???. I do not understand this when we can fit 2 systems with even trench lengths with room to spare. If we propose uneven trenches would low pressure dosing be required? Please review and let me know. Thanks, Rob

Robert H. Vogel, P.E., M.ASCE
Robert. H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, Maryland 21043
T (410)461-7666
F (410)461-8961
rvogel@vogeleng.com
www.vogeleng.com



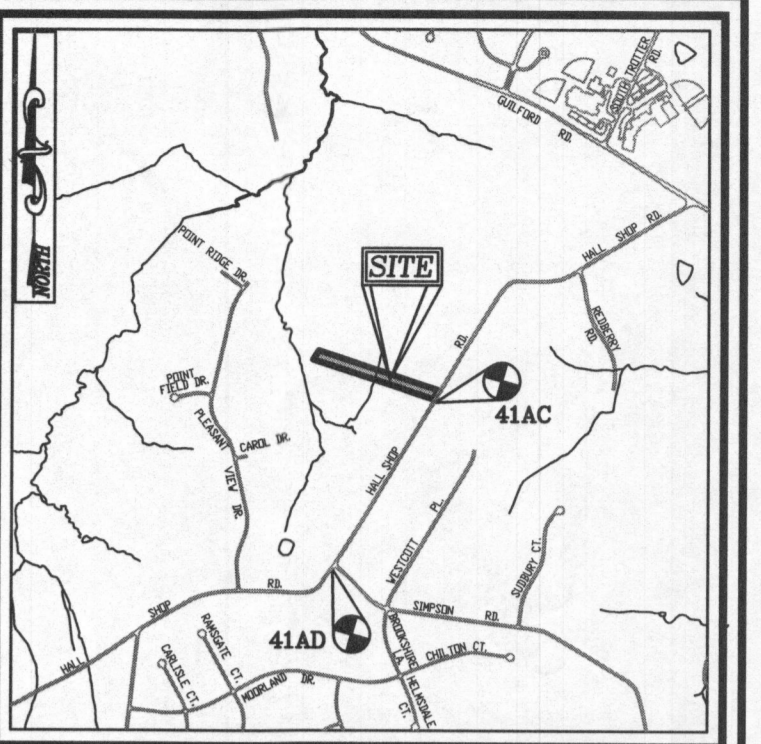


LEGEND:

- PROPERTY LINE
- RIGHT OF WAY LINE
- ADJACENT PROPERTY LINE
- EXISTING EDGE OF PAVING
- EXISTING UTILITY POLE
- EXISTING WELL
- EXISTING TREELINE
- PROP. REPLACEMENT WELL
- EXISTING WOOD FENCE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- PASSED PERC. TEST
- EXISTING STEEP SLOPES (25% SLOPES OR GREATER)
- EXISTING MODERATE SLOPES (15% TO 24.99% SLOPES)

BENCHMARKS

HOWARD COUNTY BENCHMARK 41AC (CONC. MON.)
 N 551969.54 E 1331695.36 ELEV. 488.42
 HALL SHOP ROAD
 HOWARD COUNTY BENCHMARK 41AD (CONC. MON.)
 N 550232.06 E 1330624.23 ELEV. 494.87
 CORNER HALL SHOP ROAD AND SIMPSON ROAD



VICINITY MAP
SCALE: 1"=2000'

SOILS LEGEND

| SYMBOL | NAME / DESCRIPTION | GROUP | K-FACTOR | ERODIBLE |
|--------|--------------------------------------------------|-------|----------|----------|
| Bsk | BALE SILT LOAM, 0 TO 3 PERCENT SLOPES | C/D | .37 | NO |
| GbA | GLADSTONE LOAM, 0 TO 3 PERCENT SLOPES | A | .28 | NO |
| GbB | GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES | A | .28 | NO |
| GbC | GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES | A | .28 | NO |
| GbD | GLENVILLE-BALE SILT LOAMS, 0 TO 8 PERCENT SLOPES | C | .43 | YES |

NOTES:
 HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT
 SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
 HOWARD COUNTY SOILS MAP NUMBER 23 - CLARKSVILLE SE

- GENERAL NOTES**
- THIS SUBJECT PROPERTY IS ZONED RR-DEO.
 - PROPERTY OUTLINE SHOWN HEREON IS BASED ON A DEED PLOTTING.
 - DEED REFERENCES: L. 310 / F. 596
 - THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED MARCH, 2015, AND HOWARD COUNTY GIS.
 - SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
 - ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 - ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - ADJUSTMENT TO THE SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
 - THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 - ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 - THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE AND DEFINE AN PRIVATE SEPTIC EASEMENT FOR THE PROPERTY / PROJECT IN ACCORDANCE WITH THE STATE AND COUNTY CODES.
 - MOE HAS APPROVED THE WELL TO BE LOCATED DOWN GRADIENT OF THE SEPTIC SYSTEM ON THIS LOT. A BAT UNIT AND LOW PRESSURE DOSING IS REQUIRED FOR THIS SEPTIC SYSTEM.
 - EXISTING WELL NEAR EXISTING HOUSE MUST BE ABANDONED PRIOR TO APPROVAL OF ANY BUILDING PERMIT.
 - THE PROPOSED WELL SHALL HAVE STEEL CASING WITH A MINIMUM DEPTH OF 50', OR 10' INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER.

PLAN SCALE

SCALE: 1"=30'

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

Brian M. Rossman
 COUNTY HEALTH OFFICER H.O. 2
 DATE: 12/6/2016

Thomas M. Hoffman, Jr.
 PROFESSIONAL LAND SURVEYOR No. 267
 DATE: 11-17-16

PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |

PERCOLATION CERTIFICATION PLAN

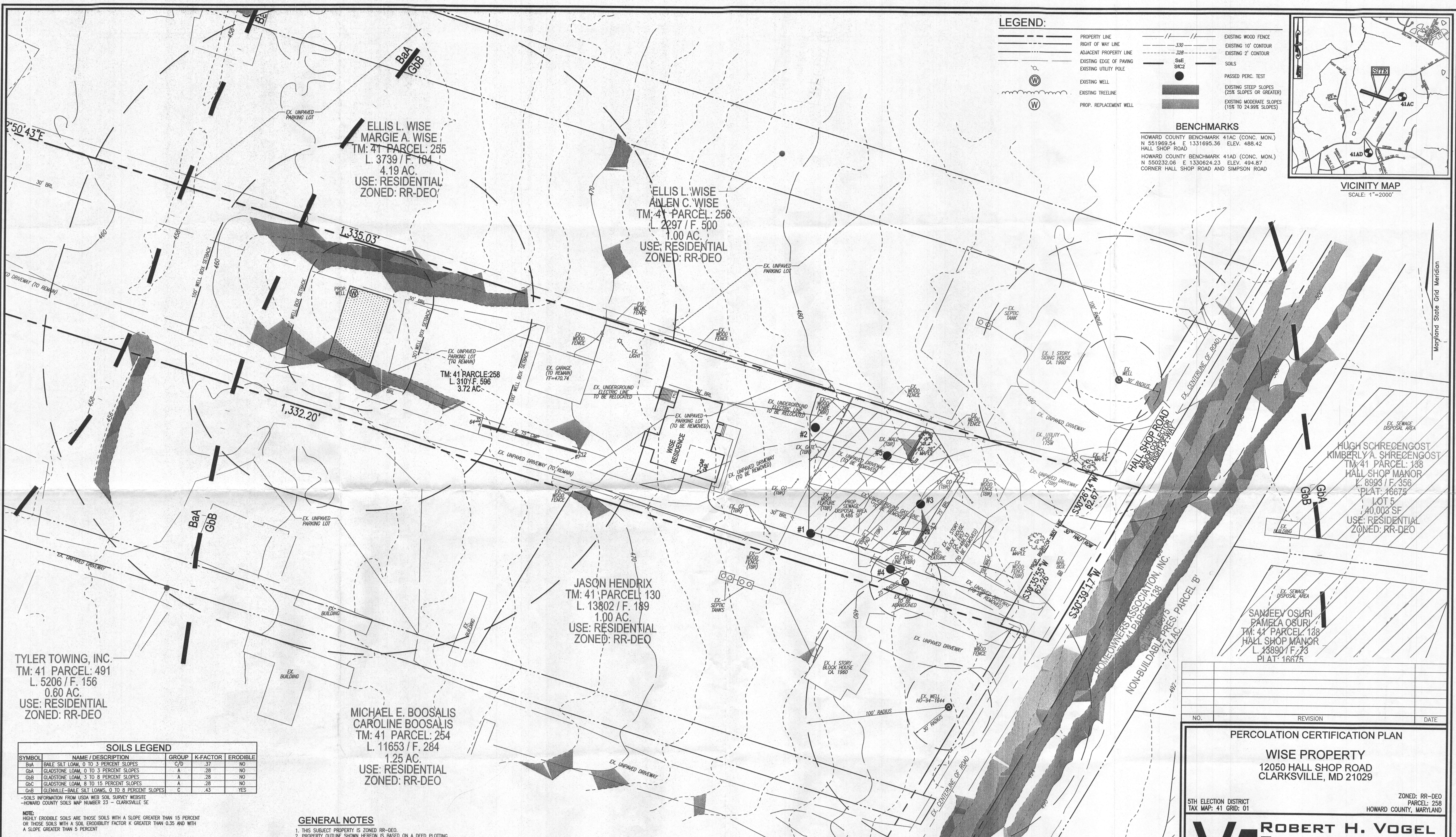
WISE PROPERTY
 12050 HALL SHOP ROAD
 CLARKSVILLE, MD 21029

5TH ELECTION DISTRICT
 TAX MAP: 41 GRID: 01

ZONED: RR-DEO
 PARCEL: 258
 HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET ELLICOTT CITY, MD 21043
 TEL: 410.461.7666 FAX: 410.461.8961

| | |
|---------------------|------|
| DESIGN BY: RHV | 1 |
| DRAWN BY: JMR | OF 1 |
| CHECKED BY: RHV | |
| DATE: NOVEMBER 2016 | |
| SCALE: 1"=30' | |
| W.O. NO.: 14-65 | |



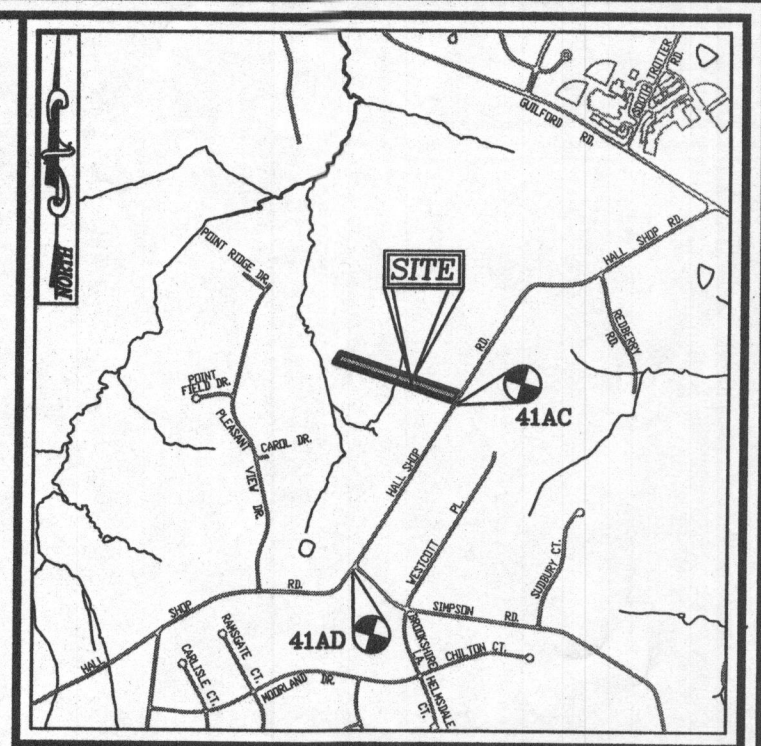
LEGEND:

- PROPERTY LINE
- RIGHT OF WAY LINE
- ADJACENT PROPERTY LINE
- EXISTING EDGE OF PAVING
- EXISTING UTILITY POLE
- EXISTING WELL
- EXISTING TREELINE
- PROP. REPLACEMENT WELL
- EXISTING WOOD FENCE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- PASSED PERC. TEST
- EXISTING STEEP SLOPES (25% SLOPES OR GREATER)
- EXISTING MODERATE SLOPES (15% TO 24.99% SLOPES)

BENCHMARKS

HOWARD COUNTY BENCHMARK 41AC (CONC. MON.)
 N 551969.54 E 1331695.36 ELEV. 488.42

HOWARD COUNTY BENCHMARK 41AD (CONC. MON.)
 N 550232.06 E 1330624.23 ELEV. 494.87
 CORNER HALL SHOP ROAD AND SIMPSON ROAD



TYLER TOWING, INC.
 TM: 41 PARCEL: 491
 L. 5206 / F. 156
 0.60 AC.
 USE: RESIDENTIAL
 ZONED: RR-DEO

**MICHAEL E. BOOSALIS
 CAROLINE BOOSALIS**
 TM: 41 PARCEL: 254
 L. 11653 / F. 284
 1.25 AC.
 USE: RESIDENTIAL
 ZONED: RR-DEO

JASON HENDRIX
 TM: 41 PARCEL: 130
 L. 13802 / F. 189
 1.00 AC.
 USE: RESIDENTIAL
 ZONED: RR-DEO

**ELLIS L. WISE
 ANLEN C. WISE**
 TM: 41 PARCEL: 256
 L. 2297 / F. 500
 1.00 AC.
 USE: RESIDENTIAL
 ZONED: RR-DEO

**ELLIS L. WISE
 MARGIE A. WISE**
 TM: 41 PARCEL: 255
 L. 3739 / F. 104
 4.19 AC.
 USE: RESIDENTIAL
 ZONED: RR-DEO

**HUGH SCHREENGOST
 KIMBERLY A. SHREENGOST**
 TM: 41 PARCEL: 138
 HALL SHOP MANOR
 L. 8993 / F. 356
 PLAT: 16675
 LOT 5
 40,003 SF
 USE: RESIDENTIAL
 ZONED: RR-DEO

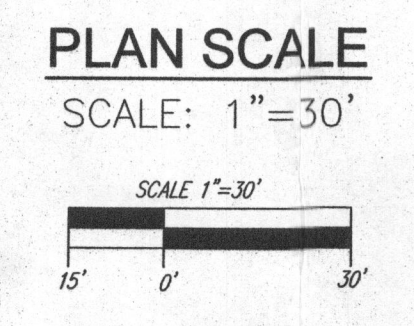
**SANJEEV OSURI
 PAMELA OSURI**
 TM: 41 PARCEL: 138
 HALL SHOP MANOR
 L. 13890 / F. 73
 PLAT: 16675

SOILS LEGEND

| SYMBOL | NAME / DESCRIPTION | GROUP | K-FACTOR | ERODIBLE |
|--------|---------------------------------------------------|-------|----------|----------|
| BaA | BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES | C/D | .37 | NO |
| GbA | GLASTONE LOAM, 0 TO 3 PERCENT SLOPES | A | .28 | NO |
| GbB | GLASTONE LOAM, 3 TO 8 PERCENT SLOPES | A | .28 | NO |
| GbC | GLASTONE LOAM, 8 TO 15 PERCENT SLOPES | A | .28 | NO |
| GbD | GLENVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES | C | .43 | YES |

-SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
 -HOWARD COUNTY SOILS MAP NUMBER 23 - CLARKSVILLE SE

- GENERAL NOTES**
1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
 2. PROPERTY OUTLINE SHOWN HEREON IS BASED ON A DEED PLOTTING.
 3. DEED REFERENCES: L. 310 / F. 596
 4. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED MARCH, 2015, AND HOWARD COUNTY GIS.
 5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
 6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 7. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 8. ADJUSTMENT TO THE SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
 9. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 10. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 11. ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE AND DEFINE AN PRIVATE SEPTIC EASEMENT FOR THE PROPERTY / PROJECT IN ACCORDANCE WITH THE STATE AND COUNTY CODES.
 13. MADE HAS APPROVED THE WELL TO BE LOCATED DOWN GRADIENT OF THE SEPTIC SYSTEM ON THIS LOT. A BAT UNIT AND LOW PRESSURE DOSING IS REQUIRED FOR THIS SEPTIC SYSTEM.
 14. EXISTING WELL NEAR EXISTING HOUSE MUST BE ABANDONED PRIOR TO APPROVAL OF ANY BUILDING PERMIT.
 15. THE PROPOSED WELL SHALL HAVE STEEL CASING WITH A MINIMUM DEPTH OF 50', OR 10' INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER.



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

Maureen Rossman 12/6/2016
 COUNTY HEALTH OFFICER u.s. 20 DATE

PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Thomas M. Hoffman, Jr. 11-17-16
 THOMAS M. HOFFMAN, JR. DATE
 PROFESSIONAL LAND SURVEYOR No. 267

NO. _____ REVISION _____ DATE _____

PERCOLATION CERTIFICATION PLAN

WISE PROPERTY
 12050 HALL SHOP ROAD
 CLARKSVILLE, MD 21029

ZONED: RR-DEO
 PARCEL: 258
 HOWARD COUNTY, MARYLAND

5TH ELECTION DISTRICT
 TAX MAP: 41 GRID: 01

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET ELLICOTT CITY, MD 21043 TEL: 410.461.7666 FAX: 410.461.8961

DESIGN BY: RHV
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: NOVEMBER 2016
 SCALE: 1"=30'
 W.O. NO.: 14-65

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AREA LARGE ENOUGH TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SYSTEMS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS IF 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 SEWERAGE AREA. RECORDED OF A MODIFIED SEWERAGE AREA SHALL NOT BE NECESSARY.

1 SHEET OF 1

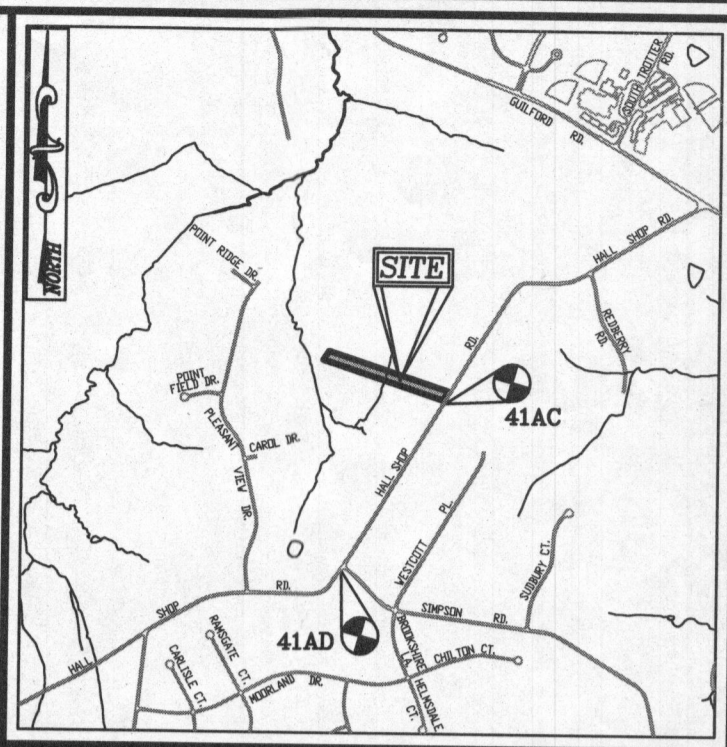


LEGEND:

- PROPERTY LINE
- - - RIGHT OF WAY LINE
- - - ADJACENT PROPERTY LINE
- - - EXISTING EDGE OF PAVING
- EXISTING UTILITY POLE
- EXISTING WELL
- EXISTING TREENLINE
- PROP. REPLACEMENT WELL
- EXISTING WOOD FENCE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- PROPOSED PERC. TEST
- PASSED PERC. TEST
- FAILED PERC. TEST

BENCHMARKS

HOWARD COUNTY BENCHMARK 41AC (CONC. MON.)
 N 551969.54 E 1331695.36 ELEV. 488.42
 HALL SHOP ROAD
 HOWARD COUNTY BENCHMARK 41AD (CONC. MON.)
 N 550232.06 E 1330624.23 ELEV. 484.87
 CORNER HALL SHOP ROAD AND SIMPSON ROAD



VICINITY MAP
 SCALE: 1"=2000'

SOILS LEGEND

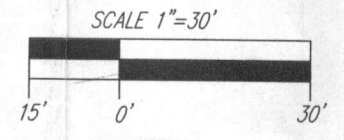
| SYMBOL | NAME / DESCRIPTION | GROUP | K-FACTOR | ERODIBLE |
|--------|----------------------------------------------------|-------|----------|----------|
| BaA | BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES | C/D | .37 | NO |
| GbA | GLADSTONE LOAM, 0 TO 3 PERCENT SLOPES | A | .28 | NO |
| GbB | GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES | A | .28 | NO |
| GbC | GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES | A | .28 | NO |
| GbD | GLENNVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES | C | .43 | YES |

NOTE:
 HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT
 OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH
 A SLOPE GREATER THAN 5 PERCENT

GENERAL NOTES

1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
2. PROPERTY OUTLINE SHOWN HEREON IS BASED ON A DEED PLOTTING.
3. DEED REFERENCES: L. 310 / F. 596
4. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED MARCH, 2015, AND HOWARD COUNTY GIS.
5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
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9. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
10. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
11. ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE AND DEFINE AN PRIVATE SEPTIC EASEMENT FOR THE PROPERTY / PROJECT IN ACCORDANCE WITH THE STATE AND COUNTY CODES.

PLAN SCALE
 SCALE: 1"=30'



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

COUNTY HEALTH OFFICER _____ DATE _____

PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS M. HOFFMAN, JR. _____ DATE _____
 PROFESSIONAL LAND SURVEYOR No. 267

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE. IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |

PERCOLATION TEST PLAN
WISE PROPERTY
 12050 HALL SHOP ROAD
 CLARKSVILLE, MD 21029

5TH ELECTION DISTRICT
 TAX MAP: 41 GRID: 01

ZONED: RR-DEO
 PARCEL: 258
 HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

DESIGN BY: _____ RHY
 DRAWN BY: _____ JMR
 CHECKED BY: _____ RHY
 DATE: AUGUST 2015
 SCALE: 1"=30'
 W.O. NO.: 14-65

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16193, EXPIRATION DATE: 09-27-2016.

1 SHEET OF 1

Oswald, Hank

From: Williams, Jeffrey
Sent: Monday, October 03, 2016 10:46 AM
To: Rob Vogel; Oswald, Hank
Cc: jerimiah reynolds
Subject: RE: Wise Property, 12050 Hall Shop

I just heard back from MDE and they will be requiring LPD as a condition of the variance. I wasn't sure if they would on this one, but they did.

We need the trenches to be as far up as possible as our example layout shows because there may be some seasonal groundwater influence on the lower holes that were not identified in the perc tests done outside of wet season. We want the initial system as high as possible to leave room for a 2nd system above the better holes and a 3rd system might have to go further towards the front if the lower holes end up being bad in wet season conditions.

Please keep in mind that we require 3 systems generally. We may allow only 2 systems with BAT case by case, but having room for 3 is always the goal. We certainly don't want to give up room for a possible 3rd system by not installing the 1st system as high up and efficiently as possible.

Jeff

From: Rob Vogel [<mailto:rvogel@vogeleng.com>]
Sent: Friday, September 30, 2016 5:09 PM
To: Oswald, Hank; Williams, Jeffrey
Cc: jerimiah reynolds
Subject: Wise Property, 12050 Hall Shop

Jeff and Hank

In your latest email you ask that the trenches move up to the very top of the area to create uneven trenches and top trench length of 35'???. I do not understand this when we can fit 2 systems with even trench lengths with room to spare. If we propose uneven trenches would low pressure dosing be required? Please review and let me know. Thanks, Rob

Robert H. Vogel, P.E., M.ASCE
Robert. H. Vogel Engineering, Inc.
8407 Main Street
Ellicott City, Maryland 21043
T (410)461-7666
F (410)461-8961
rvogel@vogeleng.com
www.vogeleng.com



Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, September 27, 2016 1:24 PM
To: Rob Vogel (rvogel@vogeleng.com)
Subject: Perc Cert Plan_12050 Hall Shop Road
Attachments: Variance Approval_12050 Hall Shop Road.pdf; Trench Location_12050 Hall Shop Road.pdf

Hi Rob:

The Variance request has been approved with the following comments:

- 1.) Change note #13 to include LPD requirement. Please see attached copy of the signed Variance.
- 2.) Add note to indicate that the well will be required to have steel casing with a minimum depth of 50 feet or 10 feet into competent bedrock, whichever is deeper.

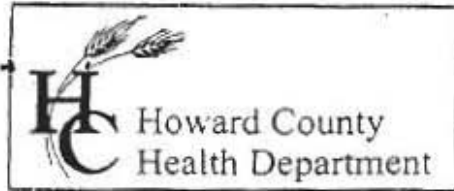
Also, please move trenches to top side of SDA. See attachment for more details.

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)



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

February 9, 2004

Mr. & Mrs. Hartzel
12054 Hall Shop Road
Clarksville, MD 21029

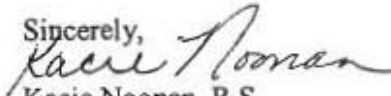
Re: Link Deposit Loans

Dear Mr. and Mrs. Hartzel:

Enclosed is a copy of an application for the Linked Deposit Certificate of Qualification. Please fill out the top portion highlighted in yellow. Attached is a list of banks that have signed up for the program. Please contact one of the lenders. If they need more information to process your request, please refer them to Maryland Water Quality Financing Administration at 410-537-3319.

Also, the amount for the project is not known at this time. Please call our office when you will have a backhoe ready for sand mound testing. If the sand mound testing does not pass testing standards, we think another option would be to dig another confirmation hole near your existing small shed near the rear left corner of the lot to identify septic treatment area, and install a curtain drain to curtail surface water from running into the proposed location for septic treatment area.

Thank you for your time in this important matter. We will do everything possible to find the least costly solution while aiming to protect the groundwater from septic contamination. If you have any questions, do not hesitate to call me directly at 410-313-2694.

Sincerely,

Kacie Noonan, R.S.
Well and Septic Program

KN

Cc: file

Linked Deposit - List of Lenders Participating in the Program

| Lender/ Bank | Address | City | State | Zip | Telephone |
|--------------------------------------------------------------------------|-----------------------------|--------------|-------|-------|--------------|
| Bank of America Attn: Mr. Woodward | 10 Light Street | Baltimore | MD | 21201 | 410-605-5291 |
| Centreville National Bank Attn: Ralph F. Twilley | PO Box 400 | Centreville | MD | 21617 | 410-758-1600 |
| Columbia Bank Attn: William McCubbin | 10480 Little Patuxent Pkwy. | Columbia | MD | 21044 | 410-730-5000 |
| County Banking & Trust Attn: Mark R. Hutton, VP | PO Box 100 | Elkton | MD | 21922 | 410-398-2600 |
| Farmers & Mechanics National Bank (Damascus) Attn: Patrick M. Shurney | 26203 Ridge Road | Damascus | MD | 20872 | 301-253-3124 |
| First Mariner Bank Attn: J. Rodney Baker | 1801 S. Clinton Street | Baltimore | MD | 21224 | 410-558-4163 |
| Potomac Valley Bank Attn: Patricia Oliphant | 702 Russell Avenue | Gaithersburg | MD | 20877 | 301-963-7627 |
| St. Michaels Bank Attn: Ann L. Bedient | PO Box 70 | St. Michaels | MD | 21663 | 410-820-8254 |

Linked Deposit - List of Eligible Lenders

Note: Applicants may apply to any branch office of a lender listed below.

| Bank/Lender | Address | City | State | Zip | Telephone |
|----------------------------------------|------------------------------------|---------------|-------|-------|--------------|
| Advance Federal Savings and Loan Assn. | 1405 E. Cold Spring Lane | Baltimore | MD | 21239 | 410-323-9570 |
| Allfirst Banking | PO Box 1792 | Baltimore | MD | 21203 | 800-842-2265 |
| Annapolis Banking & Trust Company | PO Box 311 | Annapolis | MD | 21404 | 410-628-2485 |
| Annapolis National Bank | 180 Admiral Cochrane Dr, Suite 300 | Annapolis | MD | 21401 | 410-224-4455 |
| Atlantic Bank | 4604 Coastal Hwy. | Ocean City | MD | 21842 | 410-524-7333 |
| Bank of America | 10 Light Street | Baltimore | MD | 21202 | 410-605-5291 |
| Bank of Eastern Shore | 301 Crusader Road | Cambridge | MD | 21613 | 410-228-5800 |
| Bank of Southern Maryland | PO Box 2950 | LaPlata | MD | 20646 | 301-934-1000 |
| Branch Banking & Trust (formerly FCNB) | 7200 Bank Court | Frederick | MD | 21703 | 301-624-2389 |
| Calvin B. Taylor Bank | PO Box 5 | Berlin | MD | 21811 | 410-641-1700 |
| Cecil Federal Savings Bank | 135 North Street | Elkton | MD | 21922 | 410-398-1650 |
| Centreville National Bank | PO Box 400 | Centreville | MD | 21617 | 410-758-1600 |
| Chesapeake Bank & Trust | 245 High Street | Chestertown | MD | 21620 | 410-778-2400 |
| Chestertown Bank of Maryland | PO Box 60 | Chestertown | MD | 21620 | 410-778-6110 |
| Chevy Chase Bank | 8401 Connecticut Avenue | Chevy Chase | MD | 20815 | 301-986-7137 |
| Citizens National Bank | 390 Main Street | Laurel | MD | 20707 | 301-497-6239 |
| Columbia Bank | 9151 Baltimore National Pike | Ellicott City | MD | 21042 | 410-465-4800 |
| County Banking & Trust Company | PO Box 100 | Elkton | MD | 21922 | 410-620-0124 |
| Enterprise Federal Savings Bank | 98200 Vase Court, Suite 305 | Largo | MD | 20774 | 301-773-9720 |
| Farmers & Mechanics National Bank | PO Box 518 | Frederick | MD | 21705 | 301-694-4000 |
| Farmers & Merchants Bank and Trust | 59 Washington Street | Hagerstown | MD | 21740 | 301-790-6522 |
| Farmers Bank | PO Box 70 | Greensboro | MD | 21639 | 410-482-8921 |
| Fidelity Bank | 28 Washington Street | Cumberland | MD | 21502 | 301-722-2100 |
| First Mariner Bank | 1801 S Clinton Street | Baltimore | MD | 21224 | 410-558-4163 |
| First National Bank of St. Mary's | PO Box 655 | Leonardtown | MD | 20650 | 888-857-7070 |
| First Union National Bank | St. Paul & Baltimore Streets | Baltimore | MD | 21202 | 800-566-3862 |
| First United National Bank & Trust | PO Box 9 | Oakland | MD | 21550 | 301-334-4715 |
| Forest Hill State Bank | PO Box 1307 | Bel Air | MD | 21014 | 410-879-1475 |
| Fredericktown Bank & trust | PO Box 510 | Frederick | MD | 21701 | 301-662-8231 |

| | | | |
|---------------------------------------------|-------------------------|----------------|-----------------------|
| Hagerstown Trust Company | 83 W. Washington Street | Hagerstown | MD 21740 301-739-0850 |
| Harbor Bank | 3240 Bel Air Road | Baltimore | MD 21213 888-833-7114 |
| Heritage Savings Bank | 1505 York Road | Lutherville | MD 21093 410-583-8700 |
| Industrial Bank, N.A. | 4812 Georgia Ave, NW | Washington | MD 20011 202-722-2000 |
| Keystone Financial Bank (Mfg's and Trading) | 32 N Potomac Street | Hagerstown | MD 21740 301-393-3484 |
| Mercantile Safe Deposit & Trust Co. | 2 Hopkins Plaza | Baltimore | MD 21203 410-237-5758 |
| National Bank of Cambridge | 306 High Street | Cambridge | MD 21613 410-228-5600 |
| Peninsula Bank | PO Box 219 | Princess Anne | MD 21853 410-651-2400 |
| Peoples Bank of Elkton | 130 North Street | Elkton | MD 21921 410-398-3900 |
| Peoples Bank | 207 Market Street | Denton | MD 21629 410-479-2600 |
| Permanent Bank & Trust Co. | 9612 Reisterstown Road | Owings Mills | MD 21117 410-356-4411 |
| Potomac Valley Bank | 702 Russell Avenue | Gaithersburg | MD 20877 301-963-7627 |
| Prince Georges Federal Savings Bank | 14804 Pratt Street | Upper Marlboro | MD 20772 301-627-3504 |
| Provident Bank of Maryland | 114 E. Lexington Street | Baltimore | MD 20202 410-726-5363 |
| Sandy Spring Bank | 26250 Ridge Road | Damascus | MD 20872 301-253-0133 |
| St. Michaels Bank | PO Box 70 | St. Michaels | MD 21663 410-820-8600 |
| Sun Trust Bank | 1300 N. Charles Street | Baltimore | MD 20202 888-786-8787 |
| Talbot Bank of Easton | PO Box 949 | Easton | MD 21601 410-822-1400 |
| Westminster Union Bank | 111 E. Main Street | Westminster | MD 21157 888-820-5500 |

