

Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

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

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

November 6, 2015

Harry & Leah Ellinger
12020 Hall Shop Road
Clarksville, MD 21738

RE: **Variance Approval**
12020 Hall Shop Road
Clarksville, MD 21738

Dear Sir and Madam:

This letter is being issued in response to your variance request received on October 21, 2015. This agency will grant **approval** of the waiver to the required Percolation Certification Plan and perc testing to establish a septic reserve area as required by the *Howard County Code, Subtitle 8, Section 3.805*. The waiver has been approved on the basis that the proposed garage without lining space and without plumbing has a minimal impact on the available area for on-site sewage disposal. Additionally, perc results on the neighboring property to the north revealed favorable results for on-site sewage disposal. Please note that any future addition of living space or other property improvements will likely require testing and a percolation certification plan. Any deviations from the site plan submitted with the building permit will be subject to further review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

A handwritten signature in black ink that reads 'Michael J. Davis'.

Michael J. Davis
Assistant Director
Bureau of Environmental Health

Date: October 13, 2015

To: Dana Bernard REHS/RS
Environment Specialist II
Bureau of environmental Health
Well and Septic Program
Phone: (410) 313-2775
E-mail: DBernard@howardcountymd.gov

RE: Building Permit # B15003901
12020 Hall Shop Road
Clarksville, Maryland 21738

Ms. Bernard,

Can I please get a variance on my perc certification and my perc test. We are building a three car garage. The new garage is not attached to the house and does not have any plumbing. The location of the garage will not be close to the well and septic set-backs. If you have any questions feel free to contact me.

Thank You,

Harry and Leah Ellinger
Modern Home Design
Phone: 301-498-5858
E-mail: modernhomedesign@verizon.net

SITE INSPECTION SHEET

OWNER: Harry & Leah Ellinger PHONE #: 301-498-5858

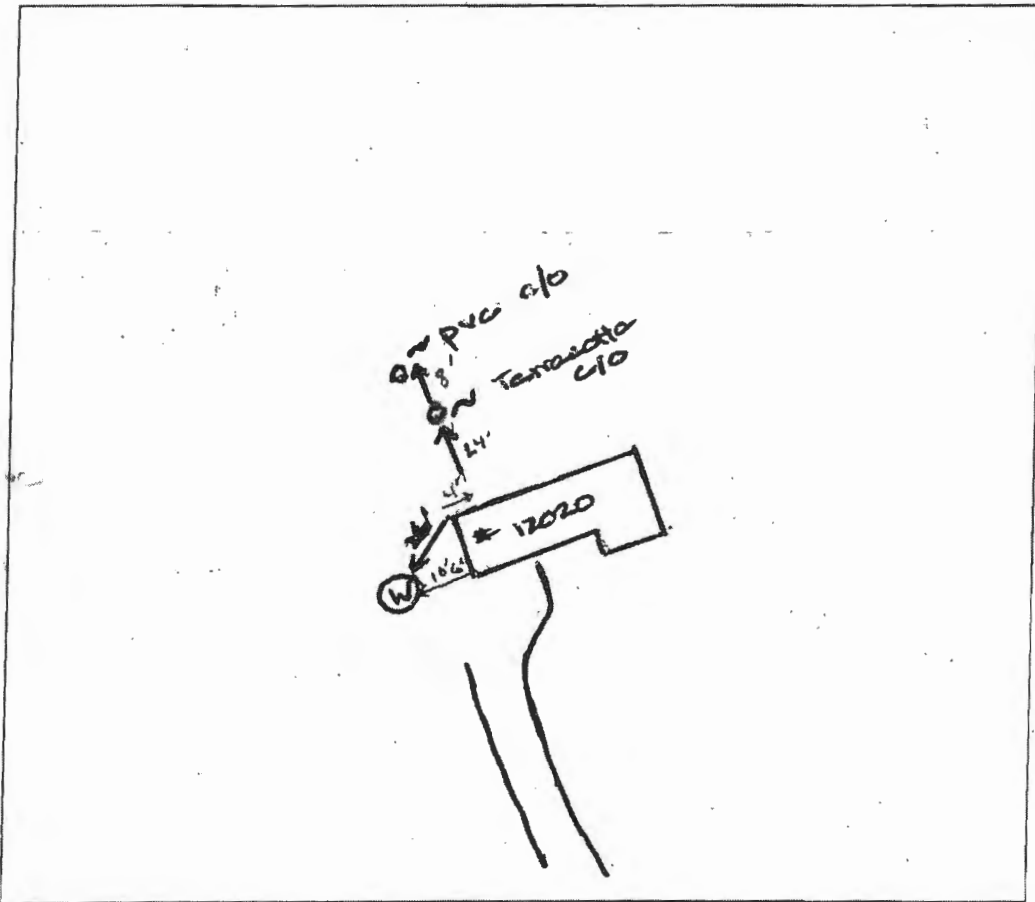
ADDRESS: 12020 Hall Shop Dr CONTRACTOR: _____

Clarksuite, MD WELL TAG #: No tag

SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: Variance to the permit plan
requirement to build a 3 car garage.

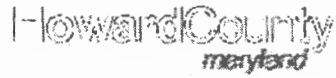
LOCATION DIAGRAM



Hall Shop Road

COMMENTS: Two cleanouts at rear of property, one at 24'
and one at 32' off backside of house. well is located 10'6" off
Ⓢ left corner & 26' off rear left corner of residence. Well
is not tagged. It has a 1" ^{covered} pvc cap. Approx 1'6" above grade
PVC conduit is not flush w/cap. No evidence of septic waves.

DATE: 10/29/15 INSPECTOR: Hank Oswald



12020 Hall Shop Rd

Interactive Map

Map Layers Map Legend Search

All Layers

Base Maps & Aerial Photos

Annotation Layers

HoCo Base Map Layers

- Contours 2004
- County Boundary
- Stream Centerline Buffer 75ft
- Building Permits (New)
- Scanned PDF Drawings Intern.
- Address Points
- Street Centerline
- Metro Property
- Property Boundaries

Additional Layers

Sewer Infrastructure

Water Infrastructure

Study Areas

Layer Overlays

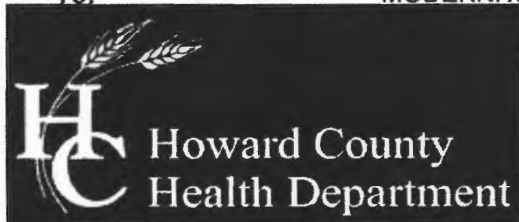
- Floodplain - Draft - Small Trib
- Floodplain
- Floodplain - Historic
- Historic Districts
- Zoning
- Land Use
- Water/Sewer Labels
- Sewer Infrastructure

← [Previous View](#) →



Bernard, Dana

From: Bernard, Dana
Sent: Wednesday, October 07, 2015 5:25 PM
To: 'MODERNHOMEDESIGN@VERIZON.NET'



Office of the Health Officer
8930 Stanford Drive, 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

DATE: October 5, 2015

TO: Modern Home Design
Via E-mail: MODERNHOMEDESIGN@VERIZON.NET

RE: **Building Permit # B15003901**
12020 Hall Shop Road
Clarksville, Maryland 21738

Ms. Ellinger,

No records could be located regarding the soil profiles or for the existing septic system area on your property. Our requirements for building permits are a full complete file for application approval. Therefore, percolation testing and a percolation certification plan will be required to complete your file. After percolation testing has been completed we will require the percolation certification plan to be submitted to our office for approval. This plan along with testing results will complete your file and allow us to review your building application.

Your building permit will be placed "on hold" until all Health Department requirements are met. If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Respectfully,

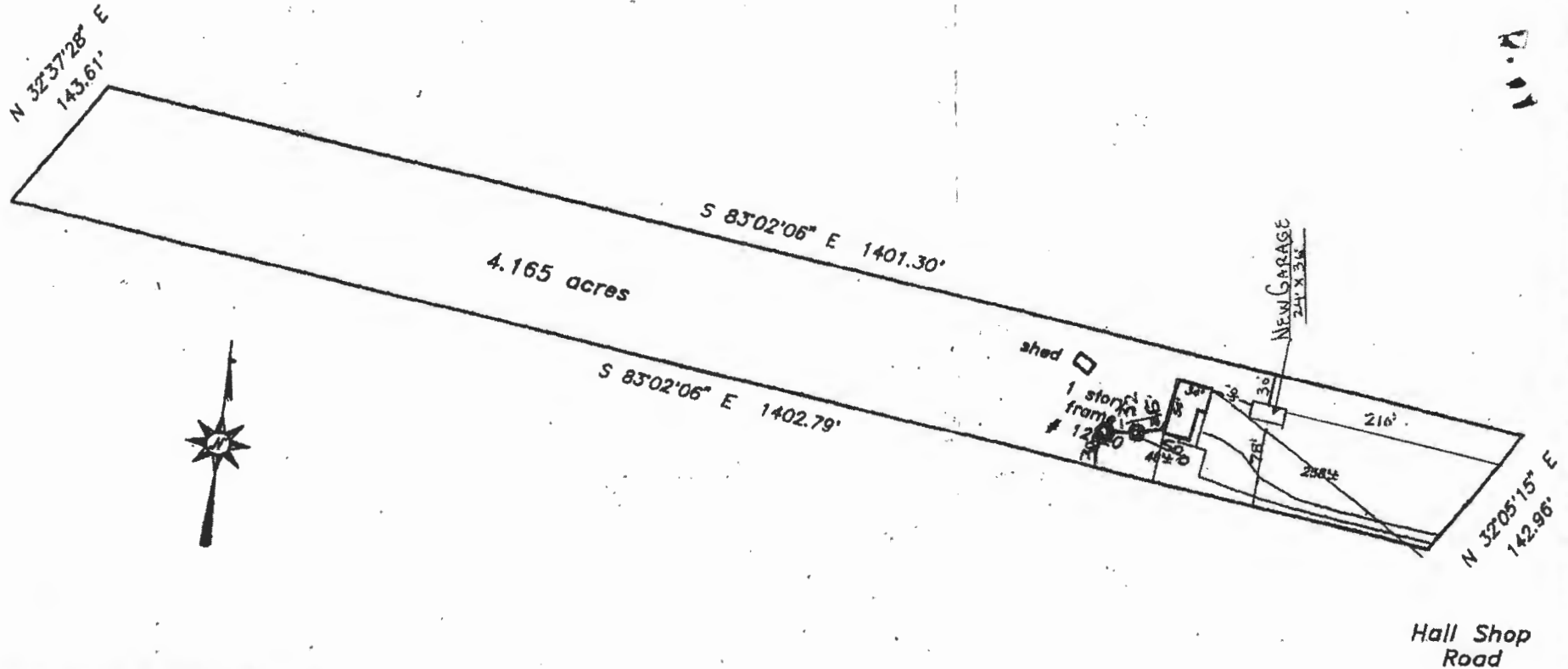
Dana Bernard, REHS/RS
Environmental Specialist II
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov

cc: Well & Septic program file

Thank you & Have a*""
.....*"".....*""
(,.,. (,.,. * Wonderful Day !

Dana Bernard, R.E.H.S./L.E.H.S.
Environmental Specialist II

- 3) NTT, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
- 4) Property markers not found, or guaranteed by this location.
- 5) Setback distances occur on 1 1/2'.



Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of Howard County, Maryland, Panel # 33 of 45 Community Panel # 240044-0033 B Effective date: December 4, 1988

This is to certify that I have surveyed the property shown hereon, being known as
12020 Hall Shop Road
 recorded in the Land Records of Howard County, Maryland in Plat Bk. Liber 1261 Folio 663 for the purpose of locating the improvements thereon.

- * This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes.
- * This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures.
- * This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.



LOCATION DRAWING 12020 Hall Shop Road	
5th election district HOWARD COUNTY, MARYLAND	
NTT Associates, Inc.	Scale: 1" = 150'
* 16205 Old Frederick Road Mt. Airy, Maryland 21771	Date: September 2, 1999
Ph. (410)442-2031	Field by: JLM
Fax No. (410)442-1315	Drawn by: JLM
	Drawing # 2995CEC

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, April 09, 2019 2:33 PM
To: 'Gregory Benefiel'
Subject: RE: Perc Test Results_12020 Hall Shop Road

Hi Greg:

Good afternoon. The existing tank and drywell are both undersized for 4 bedrooms and they do not meet the current 100 foot setback to the existing well. The sewage disposal area must be large enough to accommodate 3 systems for the planned residence. If you cannot fit 3 separate systems, then we can discuss. A separate OSDS Plan will also be required after perc cert plan approval. The new system will need to be installed prior to building permit approval.

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

Respectfully,

Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Tuesday, April 09, 2019 1:44 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Re: Perc Test Results_12020 Hall Shop Road

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

Thanks Hank,

The house and system were constructed in 1971. I noticed from HD notes that You requiring 2 back up systems. Shouldn't this be grandfathered prior to 1972 with one back up system?

Greg Benefiel
Survey's Inc.
301-776-0561

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: 'surveysinc@verizon.net' <surveysinc@verizon.net>
Sent: Tue, Apr 9, 2019 9:35 am
Subject: FW: Perc Test Results_12020 Hall Shop Road

Here you go.

Hank

From: Oswald, Hank
Sent: Wednesday, February 27, 2019 1:41 PM
To: 'surveysinc@verizon.net' <surveysinc@verizon.net>

Cc: 'Takahashi, Kazue' <kazue.takahashi@comcast.net>

Subject: Perc Test Results_12020 Hall Shop Road

Surveys Inc. (Gregory Benefiel):

Attached, please find a copy of the perc test report, field notes, septic specs and perc cert comments for 12020 Hall Shop Road.

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

Respectfully,

Hank

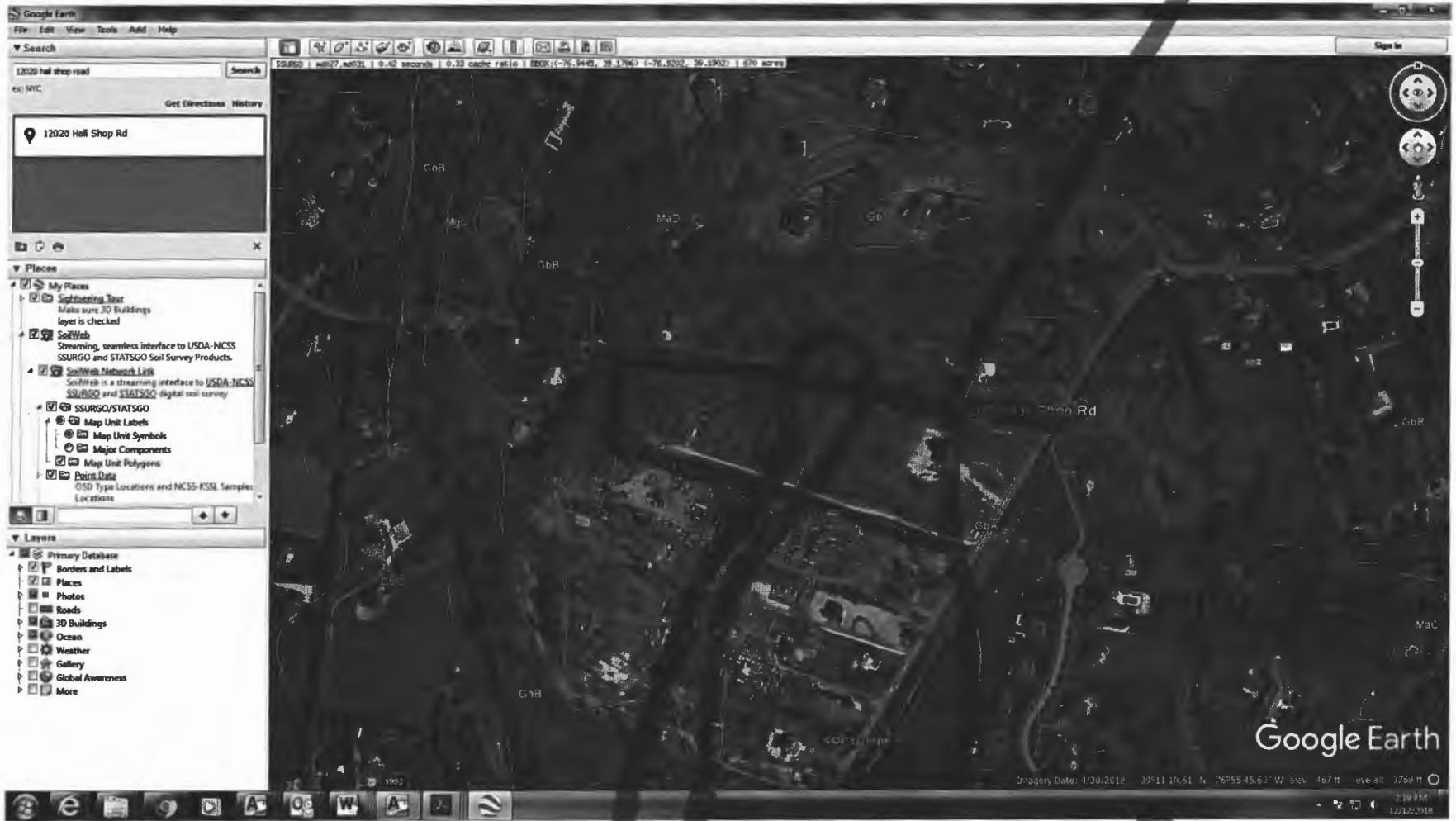
Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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Wet Season Soils

GbA



12020 Hall Shop Road

BaA

Oswald, Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Tuesday, February 12, 2019 9:35 AM
To: Oswald, Hank
Cc: khatfield@hatfieldsequipment.com
Subject: Perc Test Thursday Feb. 14th

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

Hank and Ken,

I am sorry to have to inform you that we need to reschedule the Perc test scheduled for Thursday the 14th. Unfortunately, Tom's wife passed away suddenly this past weekend and needless to say all of our field work is being pushed back a little until he feels up to going back out into field. We were scheduled to set the stakes today but with all that has happened (and the weather) we are requesting another date to have the test done. Thanks and let me know what works for everyone.

Brad Kirkley

Oswald, Hank

From: Oswald, Hank
Sent: Friday, February 01, 2019 10:36 AM
To: 'kazue.takahashi@comcast.net'
Subject: Kazue Property_12020 Hall shop Road_Perc Test Date

Hello Mr. Kazue:

Good morning. I would like to schedule the perc test for the 12020 Hall Shop Road. Please choose from one of the following dates; February 12, 13 or 14th starting at 8:00 a.m. If these dates aren't good for you, then please provide alternate dates and I will get back to you. Please note, the proposed perc test holes will need to be field located and properly staked/labeled prior to the test date. In addition, Ms. Utility must be notified in advance. The home owner will be responsible for hiring a septic contractor with a backhoe capable of excavating holes down to at least 12 feet.

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

Respectfully,

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

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HOWARD COUNTY HEALTH DEPARTMENT

AS 64083

DATE
11 / 30 / 19

Received From

Kaue Takahashi

PHONE #

For

PIC APPOINTMENT

12020 Hall Ship Road

Chillum, MD 20729

Five hundred + six dollars - cash

Dollars

CASH

CHECK

NO.

8805

\$ 506.00

Received By

Vic. [Signature]



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

APPLICATION FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME "KAZUE PROPERTY"

PROPERTY ADDRESS 12020 Hall Shop Road Clarksville, Md. 21029

TAX ACCOUNT # 350409 TAX MAP 14/25 GRID 19 PARCEL 280 LOT NO. Existing PROPOSED LOT SIZE (ACRES)

ZONING CATEGORY RR-DE0 TIER

PROPERTY OWNER(S) Takahashi Kazue

DAYTIME PHONE 410-852-4154 CELL 240-228-5782 EMAIL Kazue.takahashi@comcast.net

MAILING ADDRESS 12020 Hall Shop Road Clarksville, Md. 21029

APPLICANT Takahashi Kazue RELATIONSHIP TO OWNER: Same

DAYTIME PHONE CELL EMAIL

MAILING ADDRESS STREET CITY, STATE ZIP

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

PROPERTY:

- Subdivision: Number of lots including residue: Subdivision classification (per Dept. of Planning and Zoning) Major Minor Construct new OSDs on undeveloped lot Repair or replace failing OSDs Upgrade existing OSDs

BUILDING:

- Residential with 4 existing or proposed bedrooms in the completed structure (1 prop. - 3 existing) Commercial (provide detail of type of use and numbers of employees/customers on accompanying plan)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- Yes No

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- This application is valid for two(2) years from date of fee payment and approval is based upon health officer signature of a perc certification plan prior to expiration of this permit. The application fee is non-refundable. This application must be accompanied by all applicable fees and a suitable site plan in order to be processed. This is a public document.

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

Kazue Takahashi

SIGNATURE OF APPLICANT

11/30/2018

DATE

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

Demolition Request Form

(Fill in all blanks)

Information of Property to be demolished:

Takahashi Kazuo 12020 Hall Shop Rd. Clarksville, Md
 Current Owner's Name Property Address 21029

Kazuo Property P.280
 Subdivision (if applicable) Lot#

N/A 35 19 350409
 All Prior Owners' Names (if requested or known) Tax Map Parcel # Tax ID #

Replace Existing septic Tank and Drain fields
 Purpose/Reason for Demolition

Existing house remains. Old system removed & new install
 Future plans of property after demo (i.e. subdivision, parking lot, re-build new house, etc...)

If a subdivision, SDP# N/A Has the structure(s) been deemed unsafe by DILP YES NO

UTILITY RECORDS:

Property currently connected to public water YES NO

Property currently connected to public sewer YES NO

Does the property currently have any wells and/or septic systems YES NO

→ Explain: see above

*Note: Any wells and/or septic systems that are to remain may require an approved percolation certification plan under *Howard County Code Sec. 3.805*

*Note: Any septic systems that are to be abandoned must be done by a septic contractor with documentation of the process.

*Note: All abandoned wells are to be sealed by a well driller licensed by the Maryland State Board of Well Drillers *COMAR Sec 26.04.04.11 Abandonment Standards D (3)*

COMMENTS:

Takahashi Kazuo 401-852-4154
 Applicant's Name (please print) Applicant's Phone #

Kazuo.takahashi@comcast.net
 Applicant's Email Applicant's Fax #

 Applicant's Signature Date

(revised 10-25-18 MJD)

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

MEMORANDUM

TO: Surveys Inc.
350 Main Street
Laurel, MD

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

RE: Percolation Certification Plan
Kazue Property
12020 Hall Shop Road

Date: February 27, 2019

The following comments pertain to the review of the Percolation Certification Plan for the Kazue Property:

- 1) Add 2 alternate well sites meeting 30 foot setback to residence.
- 2) Add 100 foot well radius around existing and alternate well sites.
- 3) Field locate additional test holes and show on plan.
- 4) Show new tank plus 3 complete systems within the proposed sewage disposal area (SDA).
- 5) Show soil units.
- 6) Show wetlands and hold 100 feet from SDA.
- 7) Add symbol to legend for failed perc test holes.
- 8) Delete any symbol in legend not being used on plan.
- 9) Side note: Install 2 piece well cap and make pvc conduit flush with cap.

4/22/19

- SDA may not include failed test holes 3 & 4. Ends C 6 & 7
- Tank cannot be located within well radius
- Eliminate note #11
- Add well field location note
- Sidewall credit is 50%. For all 3 systems.
- Septic trench info is incorrect
- Legend symbol 25% slope not used on plan
- 64. tank abandoned in place
- add note new sqs. to be installed prior to BE



Bureau of Environmental Health

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

1504083

APPLICATION
FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME "KAZUE PROPERTY"
PROPERTY ADDRESS 12020 Hall Shop Road Clarksville, Md. 21029
TAX ACCOUNT # 350409 TAX MAP 35 GRID 19 PARCEL 280 LOT NO. - SIZE (ACRES)
ZONING CATEGORY RR-DE0 TIER

PROPERTY OWNER(S) Takahashi Kazue
DAYTIME PHONE 410-852-4154 CELL 240-228-5782 EMAIL Kazue.takahashi@comcast.net
MAILING ADDRESS 12020 Hall Shop Road Clarksville, Md. 21029

APPLICANT Takahashi Kazue RELATIONSHIP TO OWNER: Same
DAYTIME PHONE CELL EMAIL
MAILING ADDRESS

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

- PROPERTY:
SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE:
SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
REPAIR OR REPLACE FAILING OSDS
UPGRADE EXISTING OSDS
BUILDING:
RESIDENTIAL WITH 4 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (1 prop. - 3 existing)
COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?
YES
NO

- AS APPLICANT, I UNDERSTAND THE FOLLOWING:
THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
THE APPLICATION FEE IS NON-REFUNDABLE
THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.
By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.
Signature of Applicant: Kazue Takahashi
Date: 11/30/2018

TO: Takahashi Kazue
12020 Hall Shop Road
Clarksville Maryland 21029
Via E-mail: Kazue.takahashie@comcast.net

FROM: Dana Bernard, REHS/RS
Well and Septic Program

RE: 12020 Hall Shop Road
Percolation Certification Plan

DATE: December 14, 2018

Your proposed plan must be approved before scheduling percolation testing. Once approved, your lot should be staked before the day of testing. The following comments apply to the plan prepared by Surveys, Inc. Engineers, Inc. and are advised to revise and resubmit.

- ⬇ The proposed septic area must equal 10,000 square feet and verified on plan.
- ⬇ The soil unit on your property is BaA and is considered a wet season soil. Soil units must be shown on plan. The 2019 wet season for percolation testing will begin around March or April based on the water table reports compiled by our office. Applications for testing in wet season soil units must be submitted by April 15, 2019. Properties will be assigned and scheduled based on the order in which the applications were submitted. Contact the Well & Septic Program at 410-313-1771 for application details and to schedule testing dates.
- ⬇ Show the location of the proposed well and show 2 alternate well locations.
- ⬇ In addition, if the onsite well does not meet current regulations, it will have to be brought up to code prior to approval of a building permit. For example, if the well does not have casing extending above grade, the well casing must be extended by a licensed well driller with a pit less adaptor installed. Furthermore, if the well doesn't meet the required 20 foot setback to the house with basement, then the owner will have to ask for a variance from the Maryland Department of the Environment (MDE) and receive approval prior to making any changes to the well.

If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Sincerely,

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

Oswald, Hank

From: Oswald, Hank
Sent: Monday, April 22, 2019 1:41 PM
To: 'surveysinc@verizon.net'
Cc: 'Takahashi, Kazue'
Subject: Perc Cert Plan_12020 Hall Shop Road
Attachments: Plan with markups.pdf; Percolation & Plan Requirements For Developed Lots.pdf; PERC CERT Memo to Surveys Inc_4.22.2019.pdf

Hello Greg:

Attached, please find plan review comments for the perc cert plan located on 12020 Hall Shop Road. In addition, please make sure you have all the required notes on plan (see attachment). Should you have any questions, please don't hesitate to ask.

Respectfully,

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

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SURVEY'S, INC.

350 MAIN STREET LAUREL, MD 20707

ENGINEERING * SURVEYING * LAND PLANNING

Phone: (301) 776-0561 * Fax: (301) 776-0642 * Email Surveysinc@verizon.net

TO: Howard County
Health Dept.
Environmental Division

DATE: 4-18-19

REF: "Kazue Property"

12020 Hall Shop Road

ATTN: Hank Oswald

TM 14, Parcel 280, Gd 19

A-564083

WE ARE SENDING: Originals Prints Correspondence

Estimate Letter Other

VIA: Mail Hand Messenger Fax No. _____

PAGES

FILE No.

DESCRIPTION

6

L-476

Site Plan for septic system installation

1

-

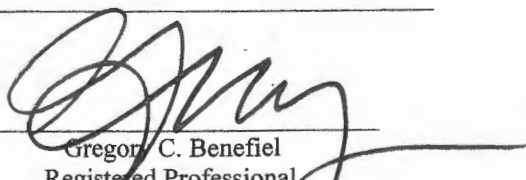
Peric Application & Demo request (?)

For Your Use As Requested Return to Surveys, Inc.

For Review For Approval Other _____

Comments: _____

CC:


Gregory C. Benefiel
Registered Professional
Land Surveyor, Md. 10994

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, April 09, 2019 9:35 AM
To: 'surveysinc@verizon.net'
Subject: FW: Perc Test Results_12020 Hall Shop Road
Attachments: Perc Test Report_12020 Hall Shop Road_2.27.19.pdf; PERC CERT Memo to Surveys Inc_2.2019.pdf; perc test notes.pdf; septic specs_2019022713412065.pdf

Here you go.

Hank

From: Oswald, Hank
Sent: Wednesday, February 27, 2019 1:41 PM
To: 'surveysinc@verizon.net' <surveysinc@verizon.net>
Cc: 'Takahashi, Kazue' <kazue.takahashi@comcast.net>
Subject: Perc Test Results_12020 Hall Shop Road

Surveys Inc. (Gregory Benefiel):

Attached, please find a copy of the perc test report, field notes, septic specs and perc cert comments for 12020 Hall Shop Road.

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

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
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MEMORANDUM

TO: Surveys Inc.
350 Main Street
Laurel, MD

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

RE: Percolation Certification Plan
Kazue Property
12020 Hall Shop Road

Date: April 22, 2019

The following comments pertain to the review of the Percolation Certification Plan for the Kazue Property:

- 1) Label plan, Percolation Certification Plan. Eliminate Site plan for septic installation.
- 2) Move alternate well site to meet 10 ft. setback to driveway
- 3) The proposed sewage disposal area (SDA) cannot include area outside the passing perc test holes.
- 4) Adjust SDA to 5 foot of property line and move trenches over to avoid swale. Cut off SDA at end of trenches. (See attachment)
- 5) Replacement septic tank cannot be within the well radius. Adjust accordingly.
- 6) Eliminate note #11. It doesn't apply.
- 7) Label existing septic system components to be abandoned. Eliminate note, Removal of septic system. Components are left in place.
- 8) Add note, the existing well was field by NAME on DATE.
- 9) Side wall reduction credit is 50% for all 3 systems (From 5 to 8 feet). Correct calculations.
- 10) Septic trench information does not match calculations.
- 11) License expired? Change date on plan.
- 12) Confirm with Superior Tank Incorporated on delivery to this area.
- 13) Eliminate any legend symbol not being used on plan.
- 14) Add note, The new septic system shall be installed and the old septic system abandoned prior to building permit approval by the Health Department.
- 15) Remove Ms. Utility note from plan
- 16) Show trenches on contour.

Hank

Gregory Benefiel <surveysinc@verizon.net>
Wednesday, September 18, 2019 12:06 PM
Oswald, Hank; timescout1971@gmail.com; hiroko.takahashi@comcast.net;
jordan@jds-homeimprovement.com
Subject: Re: Takahashi Certified Engineer Letter to Drain Field

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

Hello Hank,

It is fine with me for the redline note on the plan. If for some reason, we cant install a new hole location for the designed plan through the existing foundation and are forced to use the existing sewer line, that an ejector pump will be required for basement sewer.

Thanks Hank

Gregory Benefiel
Survey's, Inc.
301-776-0561

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: Charles West <timescout1971@gmail.com>; Hiroko Takahashi <hiroko.takahashi@comcast.net>; Jordan Jones <jordan@jds-homeimprovement.com>
Cc: 'surveysinc@verizon.net' <surveysinc@verizon.net>
Sent: Tue, Sep 17, 2019 9:43 am
Subject: RE: Takahashi Certified Engineer Letter to Drain Field

Hello All:

Good morning. My supervisor met with the county and the design/spec sheet was deemed adequate pending final inspection by plumbing inspections. However, this office would like an acknowledgment from the engineer that if for some reason the pipe cannot be installed through the footer wall, then the OSDS plan will need to be revised to show an ejector pit to be installed in the basement. The Health Department will not allow the tank to be installed any deeper than 3 feet into the ground. The septic plan will need a note stating this information. This office can redline the plan with a note supplied by the engineer.

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

Respectfully,

Hank

From: Oswald, Hank
Sent: Thursday, September 12, 2019 10:00 AM
To: Charles West <timescout1971@gmail.com>; Hiroko Takahashi <hiroko.takahashi@comcast.net>; Jordan Jones <jordan@jds-homeimprovement.com>
Subject: RE: Takahashi Certified Engineer Letter to Drain Field

Hi Mr. West:

Thank you for the spec sheet. My supervisor plans to meet with the county today to discuss. I should have an answer for you soon.

Hank

From: Charles West <timescout1971@gmail.com>

Sent: Wednesday, September 11, 2019 10:32 AM

To: Oswald, Hank <hoswald@howardcountymd.gov>; Hiroko Takahashi <hiroko.takahashi@comcast.net>; Jordan Jones <jordan@jdshomeimprovement.com>

Subject: Takahashi Certified Engineer Letter to Drain Field

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

Dear Hank:

Please see attached certified Engineer report for the Takahashi Drain field.

Thank you

Chuck West

304-229-2414

SURVEY'S, INC.

350 MAIN STREET LAUREL, MD 20707

ENGINEERING * SURVEYING * LAND PLANNING

Phone: (301) 776-0561 * Fax: (301) 776-0642 * Email Surveysinc@verizon.net

TO: Howard Co. Health DATE: 6-4-19
Department
W & S REF.: " KAZUE PROPERTY "
ATTN: Hank Osw. 12020 Hall Shop Road
Parcel 28, TM A

WE ARE SENDING: Originals Prints Correspondence

Estimate Letter Other

VIA: Mail Hand Messenger Fax No.

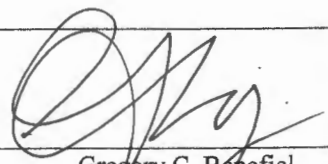
<u>PAGES</u>	<u>FILE No.</u>	<u>DESCRIPTION</u>
<u>3</u>	<u>L-476</u>	<u>Percolation Certification Plan</u>

For Your Use As Requested Return to Surveys, Inc.

For Review For Approval Other

Comments: Thanks
Hank

CC::


Gregory C. Benefiel
Registered Professional
Land Surveyor, Md. 10994

RECEIVED
JUN 10 2019

Oswald, Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Thursday, June 06, 2019 9:12 AM
To: Oswald, Hank
Subject: Re: Perc Cert Plan_12020 Hall Shop Road

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

Hank,

The profile, I have 2.3' and also a little wiggle room under the foundation. This is in case Mr. Kazue is planning on basement bathroom (gravity).

Thanks
Greg

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: Gregory Benefiel <surveysinc@verizon.net>
Sent: Thu, Jun 6, 2019 8:34 am
Subject: RE: Perc Cert Plan_12020 Hall Shop Road

I just want to make sure there are no surprises at the time of installation and the new tank won't exceed 3 feet of ground cover.

Thanks,

Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Wednesday, June 05, 2019 1:24 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Re: Perc Cert Plan_12020 Hall Shop Road

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

Hank,

I'm sure if we field verified the existing line at the house. My design is lower than the basement, under the foundation. Yes you can add the note to the plan.

Thanks
Greg

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: Gregory Benefiel <surveysinc@verizon.net>
Sent: Wed, Jun 5, 2019 12:38 pm
Subject: RE: Perc Cert Plan_12020 Hall Shop Road

Hi Greg:

We could use the perc cert plan as the plan for the septic permit but we will need to keep all 3 copies. I could scan one to you once its signed.

In addition, we will need confirmation that the septic line elevation leaving the house has been field verified. We will need to add a note indicating this on the perc cert plan with your permission.

Thanks again,

Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Wednesday, June 05, 2019 10:42 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Re: Perc Cert Plan_12020 Hall Shop Road

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

Hank,

That's fine, could you PDF us a copy. Now does kasue need a Site plan for a Septic permit?

Thanks
Greg Benefiel
Survey's, Inc.
301-776-0561

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: Gregory Benefiel <surveysinc@verizon.net>
Sent: Wed, Jun 5, 2019 7:46 am
Subject: RE: Perc Cert Plan_12020 Hall Shop Road

Hi Greg:

Good morning. I would like to redline two changes to the PC prior to submitting the plan for signature.

1. Strike line through "in conformance with the Master Plan of Howard County" in signature block.
2. Cut off SDA at ends of trenches to eliminate swale per last set of comments.

Please let me know if you're okay with these two changes.

Thanks,

Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Tuesday, May 28, 2019 1:35 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: kazue.takahashi@comcast.net
Subject: Re: Perc Cert Plan_12020 Hall Shop Road

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

Thanks Hank!

Greg

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: Gregory Benefiel <surveysinc@verizon.net>
Sent: Tue, May 28, 2019 1:12 pm
Subject: RE: Perc Cert Plan_12020 Hall Shop Road

Hi Greg:

I apologize for the delayed response. You don't need to show the septic tank specs on the perc cert plan. Otherwise, it looks to be good. Please submit (3) copies for signature.

Thanks,

Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Wednesday, May 22, 2019 12:03 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: kazue.takahashi@comcast.net
Subject: Re: Perc Cert Plan_12020 Hall Shop Road

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

Hi Hank,

Attached is the revised Site Plan. 3rd time, I hope is the charm.

Thanks for giving this a look before submission.

Greg Benefiel
Survey's, Inc.
301-776-0561

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: Gregory Benefiel <surveysinc@verizon.net>
Sent: Tue, May 7, 2019 2:17 pm
Subject: RE: Perc Cert Plan_12020 Hall Shop Road

Hi Greg:

The tank location by hole #2 should be fine.

Thanks,

Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Wednesday, May 01, 2019 1:24 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Re: Perc Cert Plan_12020 Hall Shop Road

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

Hank,

Attached is another sketch showing possible locations for the septic tank. The "swale" just looks like its a ravine. The drainage area is less than half an acre. Does not look like it conveys water!
I was aware to keep the trenches from the ravine, but not the septic tank. We are running out of room for the location of the new septic tank and still keep the existing well, which is my goal. There is room next to where the tank is now, but 10' invert out pipe and distribution box is tight. The other option on the other side of the trenches has more room. Your thoughts?

Thank
Greg

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: 'surveysinc@verizon.net' <surveysinc@verizon.net>
Cc: Takahashi, Kazue <kazue.takahashi@comcast.net>
Sent: Mon, Apr 22, 2019 1:41 pm
Subject: Perc Cert Plan_12020 Hall Shop Road

Hello Greg:

Attached, please find plan review comments for the perc cert plan located on 12020 Hall Shop Road. In addition, please make sure you have all the required notes on plan (see attachment). Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

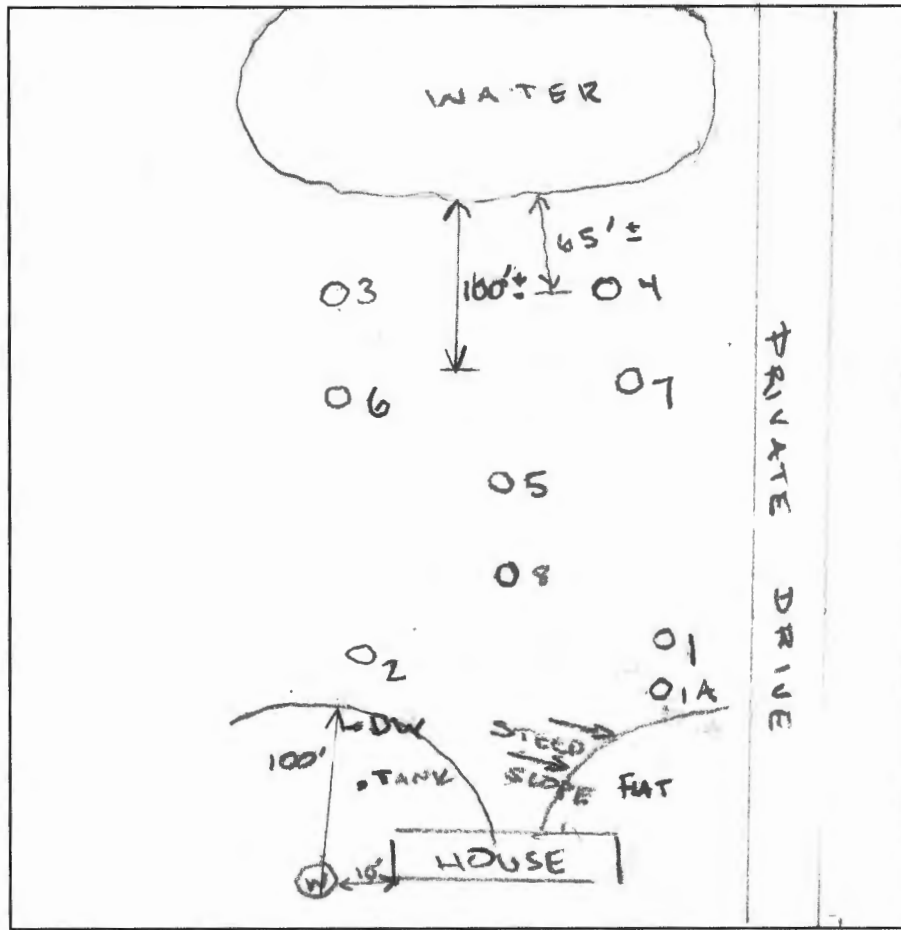
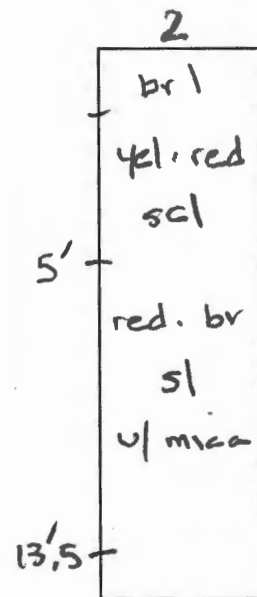
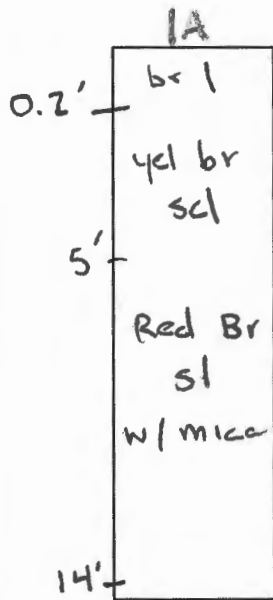
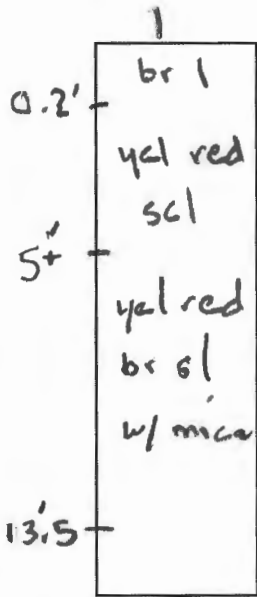
Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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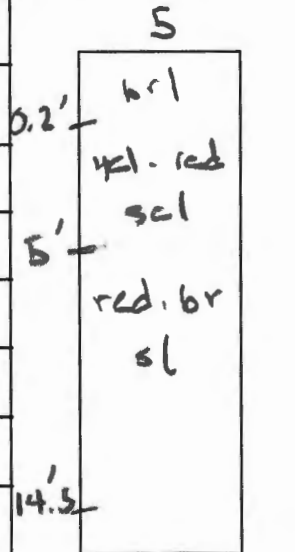
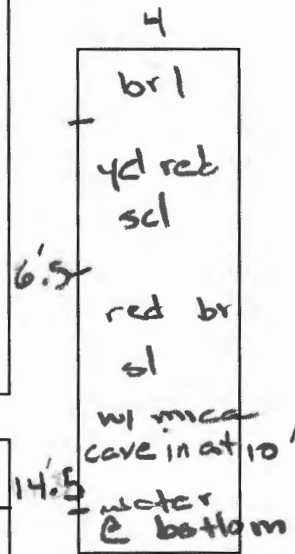
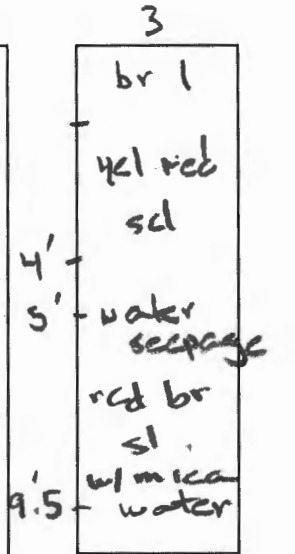
① 564083

NOT TO SCALE



HALL SHOP RD

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/26/19	1	7.8/13.5	10:47	11:09	11:37	28	P
2/26/19	1A	5.5/14	9:05	9:54	TOO SLOW		F
2/26/19	1A	8'/14'	10:17	10:44	TOO SLOW		F
2/26/19	2	6.5/13.5	8:56	9:02	9:24	22	P
2/26/19	3	4.5/9.5	8:13	8:20	8:30	10	F
2/26/19	4	7.3/14.5	8:06	9:00	TOO SLOW		F
2/26/19	5	6/14.5	8:28	8:37	8:49	12	P



REMARKS Additional Perce 1A, 6, 7, & 8 must be shown on plan

SANITARIAN Hank Oswald BACKHOE Hatfields OTHERS owner

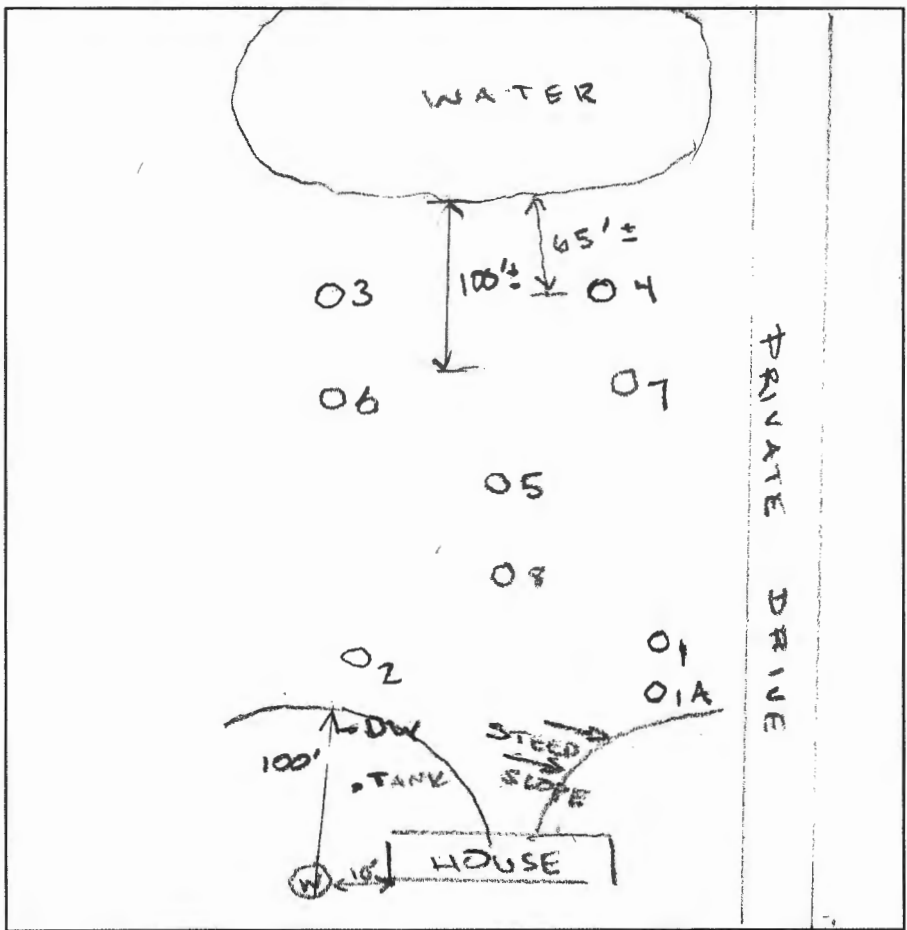
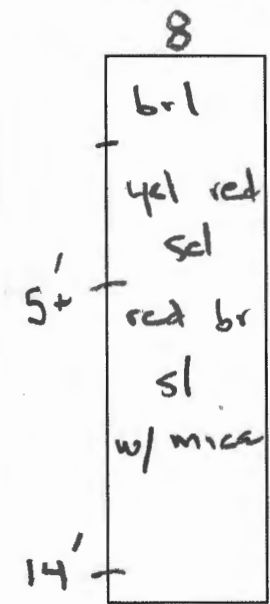
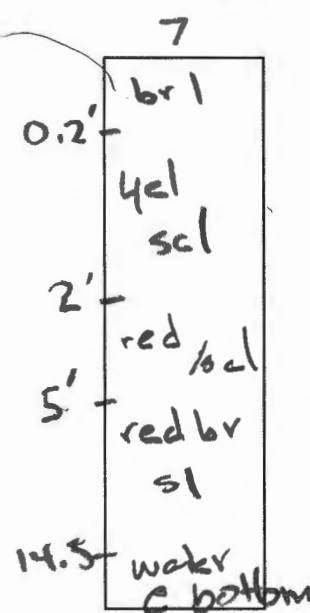
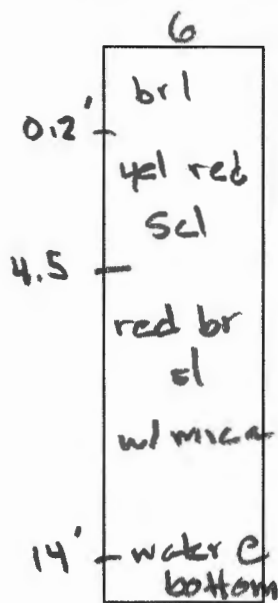
TEST HOLES USED IN SDA 1, 2, 5, 6, 7, 8 AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

* Ex. Well is greater than 8" above grade w/ 1 pc cap, PVC conduit not flush w/ cap.

AP 564083

Not To Scale



HALL SHSP RD

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	6	5.5/14	9:41	9:45	9:51	6	P
	7	7'/14.5	9:59	—	10:09	5	P
	8	7'/14	9:38	—	10:48	30	P

REMARKS Additional perc 1A, 6, 7 & 8 must be shown on plan

SANITARIAN Hank Oswald BACKHOE Hatfields OTHERS Owner

TEST HOLES USED IN SDA 1, 2, 5, 6, 7, 8 AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

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

February 27, 2019

To: Surveys Inc. (Engineer); Takahashi Kazue (Owner)

Percolation Test Report; 12020 Hall Shop Road
Tax Map 14, Parcel 280

Percolation tests were conducted at 12020 Hall Shop Road (Map 14, P280). Tests and profile descriptions were documented for 9 holes. Test holes 1,2,5,6,7 & 8 passed while 1A, 3, & 4 failed due to either insufficient perc test rates or high water table. Test holes 1A, 6, 7, & 8 must be field located and added to the plan.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil condition. The area must be at least large enough to accommodate 3 systems for the planned residence.

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

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

Respectfully,

Hank Oswald

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

Attachment: Percolation Test Field Notes
Perc Cert Plan Review Comments

Oswald, Hank

From: Gregory Benefiel <surveysinc@verizon.net>
Sent: Tuesday, April 09, 2019 9:23 AM
To: Oswald, Hank
Subject: Perc Test results for Takahashi

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

Good Morning Hank,

We can't seem to locate the Perc Test results from Takahashi Property and we would like to finish the design work. We looked through ALL old emails and could not find them. Any help you can give us would be appreciated. Thanks.

Brad Kirkley
Office Manager
Surveys, Inc.

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, February 27, 2019 1:41 PM
To: 'surveysinc@verizon.net'
Cc: 'Takahashi, Kazue'
Subject: Perc Test Results_12020 Hall Shop Road
Attachments: Perc Test Report_12020 Hall Shop Road_2.27.19.pdf; PERC CERT Memo to Surveys Inc_2.2019.pdf; perc test notes.pdf; septic specs_2019022713412065.pdf

Surveys Inc. (Gregory Benefiel):

Attached, please find a copy of the perc test report, field notes, septic specs and perc cert comments for 12020 Hall Shop Road.

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

Respectfully,

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

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12020

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 5

DATE 6/22/71

P 16048

A 15728

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS Ten Oaks Road, Glensig, Maryland

PHONE 286-2939

Thompson - 286-2279

A SEWAGE DISPOSAL-SYSTEM LOCATED AT _____

SUBDIVISION _____

ROAD

12020
Hall's Shop Rd.

LOT _____

(see application for better directions)

PROPERTY OWNER Jennings Gaither

ADDRESS _____

SPECIFICATIONS - 3 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1,000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER Dry well - 300 sq. ft. sidewall area below the top 6 ft. of clay with a

maximum depth of 11 ft. Place the center of the dry well 370 ft. from the front

lot line and 30 ft. from the left side of the lot as seen when facing the lot from

Hall Shop Road.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

PLANS APPROVED BY Raymond Hodges

DATE 6/22/71

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

A 15728

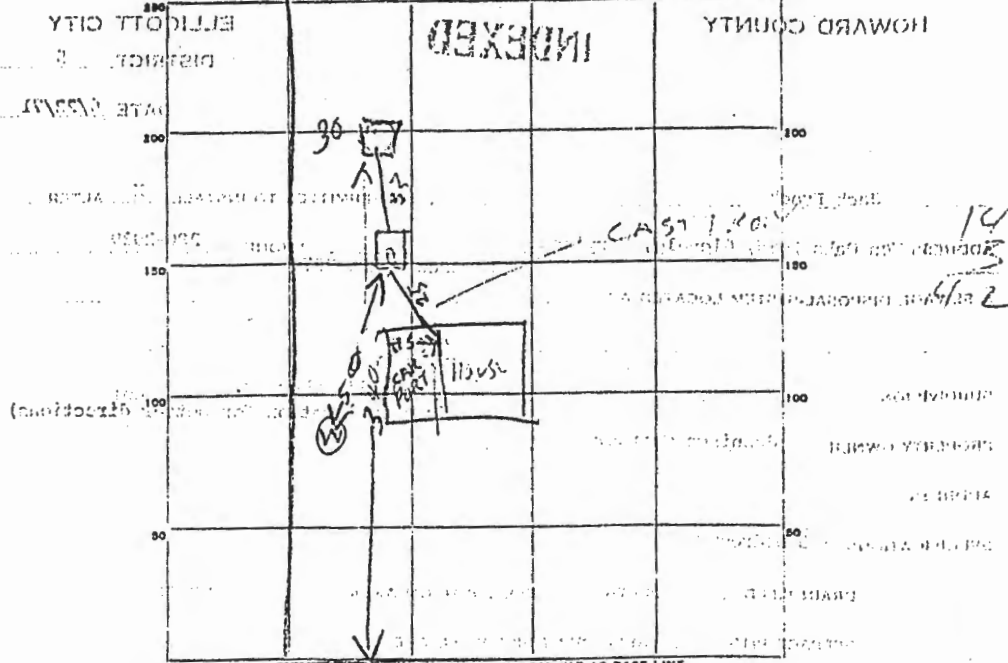
P 12030

A 12350

PERMIT

SEWER DISPOSAL SYSTEM

STATE DEPARTMENT OF HEALTH



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Half Shop Rd

PERMIT CARD

SEPTIC TANK LEVEL 310 CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 10 FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 155 SQ. FT. counting stone

REMARKS 7/8/11 Dan Wall of Dept of Belonged

Perimeter of 14' x 14' is 6' x 8'

DATE SYSTEM APPROVED 7/8/11

INSPECTOR Raymond Hodger

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY *1500 Gal Tank*

ELLICOTT CITY

A 15728

P _____

DISTRICT 5

DATE 2/22/71

*Dry well = 300 sq ft sidewalk area
below the top 6 FT of clay with a
maximum depth of 11 FT*

*Place the center of the dry well 370 ft
from the front lot line and 30 ft from the
left side of the lot as seen
when facing the lot
from Hall Shop Rd*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jennings Gaither

ADDRESS Route 216, Highland, Md. PHONE 286-2561

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. A

ROAD AND DESCRIPTION Hall's Shop Road - 1/4 mile So. of Rt. 32 just past square
left hand turn (90°) approx. 400 ft. from the turn

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 4.165 acres TYPE BLDG. 3
(Single Family Dwelling.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT *W. H. Gaither*

APPROVED BY *Raymond Hodges* FOR *Dry Well* DATE 3/8/71

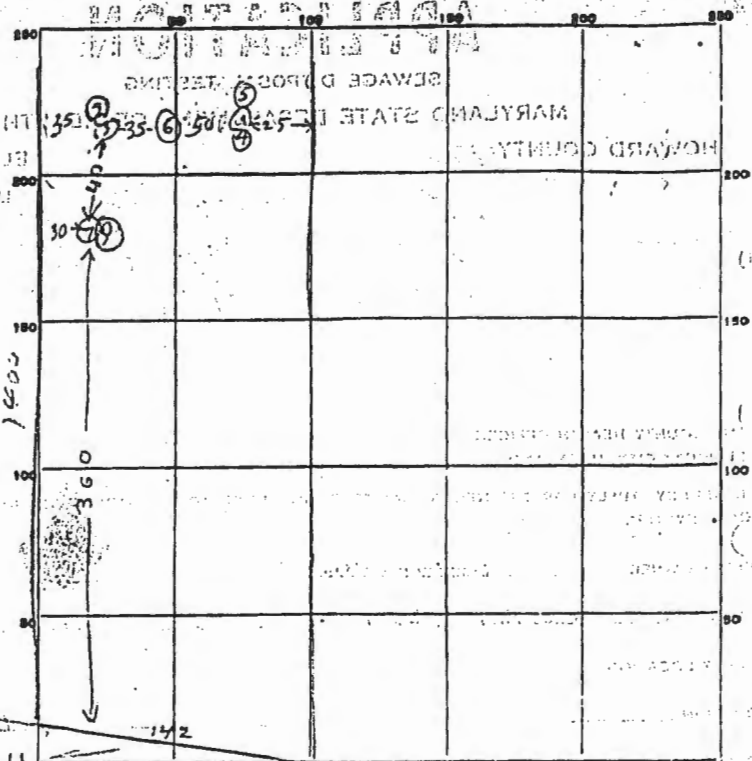
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

3
1



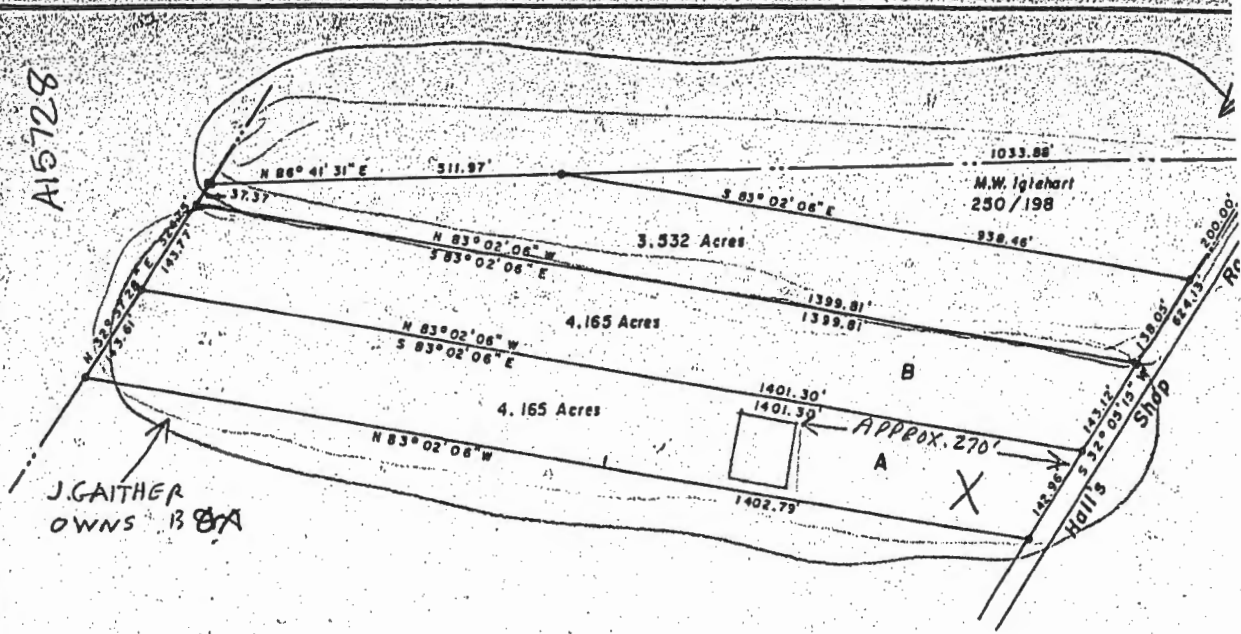
INDICATES NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
HALLS RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/5/71	1	11	1012	1213	1219	1245	1st full hole
TOP 5 FT CLAYISH	2	10	1100	1101	1101	1103	2
BOT SANDS MICA	3	6	1108	1113	1113	1121	8
	4	5	1130	1137	2nd hole		
	5	7	1146	1215	1st inch		
TOP 3 FT CLAY	6	8	1209	1246	2nd hole		
TOP 6 FT CLAY	7	11	1248	1250	1250	1255	5
	8	7	101	102	102	105	3

SOIL AUGER FINDING
TESTED BY *Raymond Hodges*
REMARKS

TRANSFER A TOWN OF CITY

A15728



PLAT OF SURVEY
 FOR
 AUDREY GAITHER
 FIFTH ELECTION DISTRICT OF HOWARD COUNTY
 CLARKSVILLE, MARYLAND
 SCALE: 1 IN. = 200 FT. OCTOBER 13, 1970

Jennings Gaither
 Rt 216
 Highland, Md. 286-2561

Paul Thompson
 286-2279
 or
 384-7833

Claude M. Skinner Jr.
 Claude M. Skinner Jr. Reg. Engineer & Land Surveyor No. 2237

A15728

Paul C. Thompson & Sons, Inc.
General Contractors
Highland, Md. 20777

384-7833

286-2279

