

C1 67650 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED MM DD 11 20

DATE WELL COMPLETED 11-09-20 APPROVED 2/1/21 Depth of Well 800 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-20-0045

OWNER VYAS AMRISH WELL SITE ADDRESS 5525 JACKS LANDING TOWN CLARKSVILLE SUBDIVISION SECTION LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown clay, Brown mica, Tan mica, Gray mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (B) NO. OF BAGS 21 NO. OF POUNDS 2100 GALLONS OF WATER 126 DEPTH OF GROUT SEAL 60

CASING RECORD

MAIN CASING TYPE (S) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 69

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD

screen type or open hole (S) (BR) (HO) (PL) (OT) insert appropriate code below

Table for SCREEN RECORD with columns: DEPTH (nearest ft.), 1-11, 15-17, 21-23, 26-30, 32-36, 38-41, 45-47, 51. Includes SLOT SIZE and DIAMETER OF SCREEN.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 49 WHEN PUMPING 155 TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 36 PUMP HORSE POWER 41 PUMP COLUMN LENGTH (nearest ft.) 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above LAND SURFACE (-) below 2 (nearest foot)

LATITUDE 39.21632-5 LONGITUDE 76.976131 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M Wd 603 DRILLERS SIGNATURE Darren E. Wilson

LIC. NO. 1 JSD 038 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

COUNTY

B 1 68420

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER HO-20-0045 fill in this form completely

OWNER INFORMATION: Date Received (APA) 13608 B 3, VYAS AMRISH, 5525 JACKS LANDING WAY, CLARKSVILLE MD 21029

LOCATION OF WELL: HOWARD COUNTY, 23 SUBDIVISION, SECTION 44 46, LOT 48 50, CLARKSVILLE, 52 NEAREST TOWN

DRILLER INFORMATION: Darren E. Wilson MWD 603, L. F. Easterday Well Drilling, 9265 Brown Church Rd., Mt. Airy, Md. 21771

SOURCES OF DRILLING WATER: wells, 5525 Jacks Landing Way, ON WHICH SIDE OF ROAD, DISTANCE FROM ROAD 150 FT, TAX MAP: BLK: PARCEL

WELL INFORMATION: APPROX. PUMPING RATE 5 (GAL. PER MIN.), AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

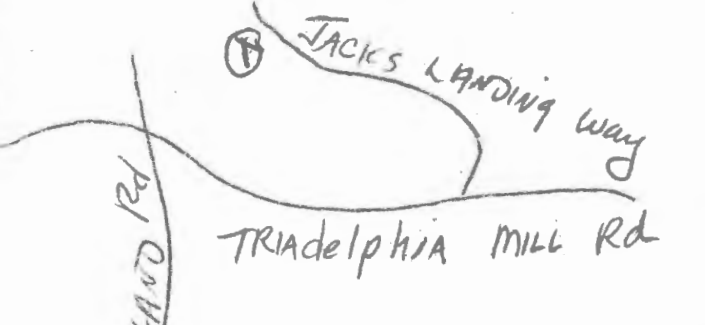
USE FOR WATER (CIRCLE APPROPRIATE BOX): DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: Howard COUNTY NAME, 13 COUNTY NO., DATE ISSUED 09/23/20, CO SIGNATURE Susan Tronco, EXP. DATE 09/23/21

APPROXIMATE DEPTH OF WELL 300 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH, NEAREST TOWN

PROPOSED LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

METHOD OF DRILLING (circle one): AIR-ROTARY, JETTED, ROTARY (Hydraulic Rotary)



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX): THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed.

Not to be filled in by driller (MDE OR COUNTY USE ONLY): APPROP. PERMIT NUMBER G, PERMIT No. HO-20-0045

SPECIAL CONDITIONS: SEE ATTACHED MEMO

Date 11-9-20

Review _____

8:30

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TESTMaryland Well Permit No. HO-20-0045 Election District _____Location of Property (road) 5525 JACKS LANDING WAY

Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____

Well Driller EASTENDAY Owner ANRISH VYASDepth of Well 800 1/4 gpmDistance of Measuring Point (M.P.) above ground 2 FTStatic Water Level (S.W.L.) below M.P. 49 FT

I. High Rate Pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 15Total time 15 min to reach pumping water level 155 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes.

TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill 1 gal. bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
8:45	155 FT	120 SEC		0.5 GPM
9:00	155	120		0.5
9:15	155 FT	120 SEC		0.5 GPM
9:30	155	120		0.5
9:45	155 FT	120 SEC		0.5 GPM
10:00	155	120		0.5
10:15	155 FT	120 SEC		0.5 GPM
10:30	155	120		0.5
10:45	155 FT	120 SEC		0.5 GPM
11:00	155	120		0.5
11:15	155 FT	120 SEC		0.5 GPM
11:30	155	120		0.5
11:45	155 FT	120 SEC		0.5 GPM
12:00	155	120		0.5
12:15	155 FT	120 SEC		0.5 GPM
12:30	155	120		0.5
12:45	155 FT	120 SEC		0.5 GPM
1:00	155	120		0.5 GPM
1:15	155 FT	120 SEC		0.5
1:30	155	120		0.5 GPM
1:45	155 FT	120 SEC		0.5 GPM
2:00	155	120		0.5
2:15	155 FT	120 SEC		0.5 GPM
2:30	155	120		0.5
2:45	155	120		0.5



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

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

Sodium, Chloride and Total Dissolved Solids water sampling results

February 2, 2021

Mr. Amrish Vyas
5525 Jacks Landing Way
Columbia, MD 21029

Re: **5525 Jacks Landing Way
Columbia, MD 21029
Well Permit: HO-20-0045**

Dear Mr. Amrish Vyas,

The Health Department received results from the testing for sodium, chloride, and total dissolved solids (TDS) from your well water. These samples were collected directly from the raw well water when your well was drilled.

Sodium from your well measured 435 mg/L. There is no maximum contaminant level for sodium, however elevated sodium levels in drinking water could affect individuals on low-salt diets. If anyone in your household is on a low-salt diet, you may want to discuss these results with your physician.

Chloride and TDS are both considered secondary contaminants, meaning high concentrations can affect taste, color, odor, or corrosive properties of water but present no risk to health. The secondary maximum contaminant level for chloride is 250 mg/L; **chloride from your well measured 1573 mg/L.** The secondary maximum contaminant level for TDS is 500 mg/L; **TDS from your well measured 2697 mg/L.**

Feel free to contact me at the number or email below with any questions regarding the results of water sampling.

Respectfully,

Susan Thomas
Environmental Health Specialist
Howard County Health Department
Well and Septic Program
410-313-6287
sathomas@howardcountymd.gov

✓ Cc: File

Send Report To:

State of Maryland
DHMH - Laboratories Administration

Division of Environmental Sciences
TRACE METALS LABORATORY

1770 Ashland Avenue
Baltimore, Maryland 21205



E21001282001

Received: 11/10/2020

Metals

HOJC0045NA

Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, Maryland 21045

LABORATORY ANALYSIS REQUEST

Do not write above this line

Please Print

Sample ID No: HOJC0045NA Site Name: VYAS, AMRISH County: HOWARD

Sample Source: SS25 JACKS LANDING WAY Collector: CABAHUG
Street Town or City Name

Date Collected: 11/09/2020 Time Collected: 11:30 a.m./p.m. Phone #: 410 313 2643

Sample Preserved By: Field ESRL WMRL Central Lab
Preservative Used: HNO₃ ~20 mL pH: <2

Sample Type: Drinking Water Landfill Source (Raw Water) Liquid
Data Category: Community Stream Distribution (Treated) Solid
Code: Non-Community Sediment Other
 Private

Specify Program: SDWA NPDES CWA RCRA Consumer Products Other

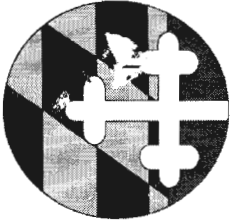
Type of Sample Preparation: Total Metals Total Metals TCLP Dissolved Metals
(field preparation required)

Remarks: REP WELL HO-20-0045

✓	Element	Lab Use	✓	Element	Lab Use	✓	Element	Lab Use
	Antimony (Sb)			Aluminum (Al)			Uranium (U)	
	Arsenic (As)			Calcium (Ca)			Vanadium (V)	
	Barium (Ba)			Cobalt (Co)			Zinc (Zn)	
	Beryllium (Be)			Copper (Cu)				
	Cadmium (Cd)			Iron (Fe)				
	Chromium (Cr)			Lead (Pb)				
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)			Manganese (Mn)				
	Selenium (Se)			Molybdenum (Mo)				
✓	Sodium (Na)	<u>SHS</u>		Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

Lab Supervisor: _____ Date Reported: ____/____/____

•Phone: (443) 681 - 4596 •Fax: (443) 681 - 4507



State of Maryland
Department of Health
Laboratories Administration
Division of Environmental Sciences
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project No E21001284 Date Coll. 11/09/2020 Date Received: 11/10/2020 Submitted By: Cabahug

Field ID: HOJC0045TD
Lab No.: E21001284001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	1573	mg/L	11/23/2020
Total Dissolved Solids	SM 2540C	2697	mg/L	11/16/2020

Comments:

Approved by: _____

Approval date: 11/25/2020

*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN. Samples are tested as received.

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6190 and arrange for return or destruction.

Send Report To:
 Howard County Health Department
 Bureau of Environmental Health
 8930 Stanford Blvd.
 Columbia, Maryland 21045

State of Maryland
 MDH-Laboratories Administration
 Division of Environmental Sciences
 INORGANICS ANALYTICAL LABORATORY
 1770 Ashland Avenue
 Baltimore, Maryland 21205
WATER ANALYSIS

Barcode: E21001284001
 Received: 11/10/2020
 Inorganic HOJC0045TD
 Do not write above this line.

SAMPLED

Bottle Number: HOJC0045TD Name: WAS, AMRISH County: Howard County Code: 13

Address: 5525 JACKS LANDING WAY Data Category Code: 4/F

Collected: Date 11/09/2020 Time 11:30 Collector & Phone: CABAHUG 001997 Submitter Code: 410 813 2643

CHECK (one per box)

Drinking Water <input checked="" type="checkbox"/>	Community <input type="checkbox"/>	Source (raw water) <input checked="" type="checkbox"/>	Emergency <input type="checkbox"/>
Landfill <input type="checkbox"/>	Non-community <input type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Routine <input checked="" type="checkbox"/>
Stream <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	MCL <input type="checkbox"/>	Recheck <input type="checkbox"/>
Other <input type="checkbox"/>	Other <input type="checkbox"/>		Special <input type="checkbox"/>

Federal Project

FIELD

Plant No. Sampling Station Preservation: Iced Acid Type of Acid

pH 6.5 Chlorine: Free 0.0 Total 0.0 Specific Conductance

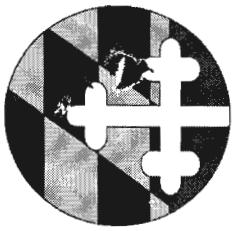
Notes to Lab/Remarks: REP WELL HO-20-0045

CHECK TESTS	TESTS	Error Code	RESULTS
	Alkalinity (Total)		
	Ammonia - N		
✓	Chloride		
	Conductance*, Spec.		
✓	Dissolved Solids (Total)		
	Hardness		
	Fluoride		
	Nitrite, N		
	Nitrate + Nitrite, N		
	Sulfate		
	Total Solids		
	Turbidity*		
	Other:		

* Results reported in Units, all others in milligrams per liter (ppm) *Samples are tested as received.

Number of Tests Requested Section Chief _____ Date Reported _____

MDH-90-A 07/17 SUBMITTER'S COPY



State of Maryland
Department of Health
Laboratories Administration
Division of Environmental Sciences
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

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Comments:

Approved by:

Approval date: 11/25/2020

*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN. Samples are tested as received.

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6190 and arrange for return or destruction.

Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

S:\EnviroFinal-InorganicsA.rpt

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

MEMORANDUM

November 18, 2020

RE: Replacement Well Sampling

Mr. Amrish Vyas
5525 Jacks Landing Way
Clarksville, MD 21029
Well Permit # HO-20-0045

Dear Mr. Amrish Vyas:

According to our records, your replacement well has been in use to the dwelling. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrates, turbidity, and sand.

It is preferred that the sample be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office. If you have any further questions, you can call me at 410-313-6278. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.

If you have any questions or would like to discuss these matters further, please call me at (410) 313-6287. Thank you for your attention to these important matters.

Respectfully,



Susan Thomas
Environmental Health Specialist
Howard County Health Department
Well and Septic Program

* old well kept to tie in (S)

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

MEMORANDUM

sent via email to Saraeasterday@verizon.net

TO: L.F. Easterday Well Drilling

FROM: Susan Thomas
Environmental Health Specialist
Howard County Health Department
Well & Septic Program

RE: **Special conditions for replacement well permit for 5525 Jacks Landing Way**

DATE: October 27, 2020 (5)

Special conditions for the replacement well permit at 5525 Jacks Landing Way are as follows:

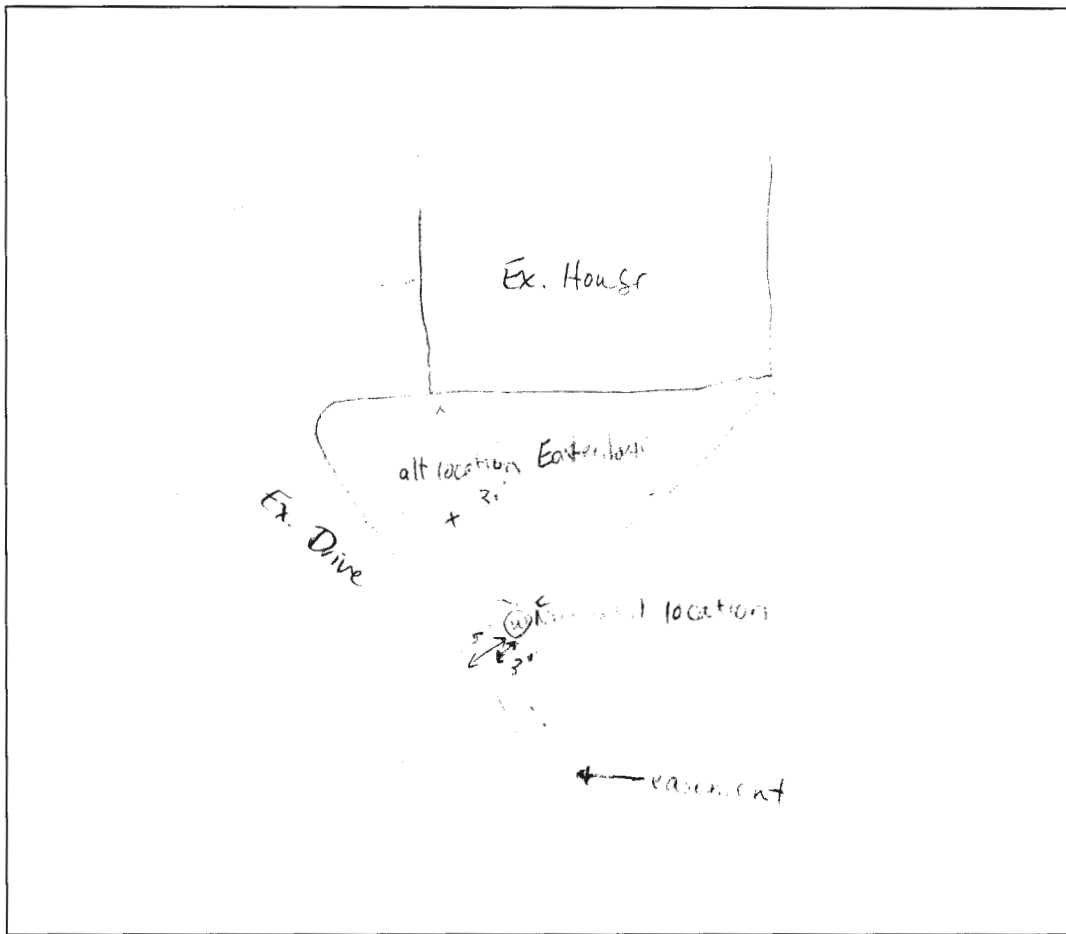
- Absolutely no hydrofracturing permitted
- Water samples for sodium, chloride and total dissolved solids must be taken at yield
- If the well location selected is unsuccessful, you must consult with the health department prior to proceeding with another well location
- The Health Department must be notified of all drilling activities
- Bollards will need to be installed between the well location and the driveway easement for protection

Cc: file ✓

SITE INSPECTION SHEET

OWNER: Amvish Vuos PHONE #: 301-331-6561
ADDRESS: 5525 Jacks Landing Way CONTRACTOR: Easterday
Clarksville, MD 21029 WELL TAG #: HO-20-0045
SUBDIVISION: Jack's Landing LOT: 4 COUNTY #: Howard
PROPOSAL: new well to supplement existing well (0.5 GPM)

LOCATION DIAGRAM



COMMENTS: new well location staked by NJR. Another well location
was staked by Easterday. this was not approved.

DATE: 10/27/2020 INSPECTOR: Susan Thomas

Thomas, Susan

From: Thomas, Susan
Sent: Tuesday, October 27, 2020 11:36 AM
To: Williams, Jeffrey; roshannj@aol.com; amrishvyas@gmail.com
Cc: gphillips@mred.us; mgvyas@gmail.com; saraeasterday@verizon.net; kevin@libertypure.com; Wolf, Kevin
Subject: RE: Jack's Landing Lot-4 plan for Alt. Well




The well location as staked by NJR has been approved. Please note that bollards must be installed between the well location and the driveway easement for protection. The existing well may be kept if it continues to be in use with a switch and pump.

Thanks,

Susan

Susan M. Thomas
Environmental Health Specialist
Well & Septic Program
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045
410-313-6287
sathomas@howardcountymd.gov
www.hchealth.org



 twitter.com/HoCoHealth
 facebook.com/HoCoHealth
 instagram.com/hocohealth

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From: Williams, Jeffrey
Sent: Monday, October 26, 2020 1:07 PM
To: roshannj@aol.com; amrishvyas@gmail.com
Cc: gphillips@mred.us; mgvyas@gmail.com; saraeasterday@verizon.net; kevin@libertypure.com; Wolf, Kevin

<KWolf@howardcountymd.gov>; Thomas, Susan <sathomas@howardcountymd.gov>

Subject: RE: Jack's Landing Lot-4 plan for Alt. Well

I will put it in the book to inspect the stake tomorrow. If you do not get it staked today, let us know before tomorrow. Make sure the well location and the easement are staked as you indicated.

We also have not yet gotten notification from the driller of their intention to drill tomorrow. They will need to notify us if they want to drill tomorrow and they will have to wait until we inspect the stake and approve that location.

Thanks

Jeff

From: roshannj@aol.com <roshannj@aol.com>

Sent: Monday, October 26, 2020 1:02 PM

To: Williams, Jeffrey <jewilliams@howardcountymd.gov>; amrishvyas@gmail.com

Cc: gphillips@mred.us; mgvyas@gmail.com; saraeasterday@verizon.net; kevin@libertypure.com

Subject: Re: Jack's Landing Lot-4 plan for Alt. Well

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

Good afternoon,

We will stake the proposed well and the edge of easement today.

Thank you

Najib Roshan, LS

NJR & Associates, LLC

2770 Terrapin Run

West Friendship, MD 21794

PH (240) 508-3200

roshannj@aol.com

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

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>

To: Amrish Vyas <amrishvyas@gmail.com>

Cc: MRED <gphillips@mred.us>; Najib Roshan <roshannj@aol.com>; Mansi Grover Vyas <mgvyas@gmail.com>; Sara Easterday <saraeasterday@verizon.net>; Kevin Oaster <kevin@libertypure.com>

Sent: Mon, Oct 26, 2020 11:46 am

Subject: RE: Fwd: Jack's Landing Lot-4 plan for Alt. Well

Please also note that the proposed location is less than 10' from the shared driveway and about a foot or so from the edge of the shared driveway easement. We will need that easement edge staked out as well and if this spot is utilized, bollards will need to be installed between the well location and the driveway easement for protection before the well is completed and approved.

Jeff

From: Williams, Jeffrey

Sent: Monday, October 26, 2020 11:43 AM

To: Amrish Vyas <amrishvyas@gmail.com>

Cc: MRED <gphillips@mred.us>; Najib Roshan <roshannj@aol.com>; Mansi Grover Vyas <mgvyas@gmail.com>; Sara Easterday <saraeasterday@verizon.net>; Kevin Oaster <kevin@libertypure.com>

Subject: RE: Fwd: Jack's Landing Lot-4 plan for Alt. Well

I have the plans and they look acceptable. However, I have not heard from anyone that the location was staked in the field for our inspection. We need to approve that location before they can drill that spot. And, we have not received a

.notification of drilling from the driller yet. We could potentially visit the site tomorrow to confirm the stake if it is staked today and called in for tomorrow and then they could start drilling after confirmation if the driller also calls in for tomorrow.
Jeff

From: Amrish Vyas <amrishvyas@gmail.com>
Sent: Monday, October 26, 2020 11:22 AM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Cc: MRED <gphillips@mred.us>; Najib Roshan <roshannj@aol.com>; Mansi Grover Vyas <mgvyas@gmail.com>; Sara Easterday <saraeasterday@verizon.net>; Kevin Oaster <kevin@libertypure.com>
Subject: RE: Fwd: Jack's Landing Lot-4 plan for Alt. Well

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

Good morning Jeff,

Any Update on below approval for the new well location? Based on our earlier exchange, the well driller is scheduled for tomorrow. I was told that scaled copies of the plans were delivered to your box on Thursday afternoon.

Please let us know ASAP.

Thank you.

Best,

Amrish

=====
Amrish Vyas
(301) 338-VYAS (8927)
(877) 246-5066
amrishvyas@gmail.com

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----- Original message -----

From: "Williams, Jeffrey" <jewilliams@howardcountymd.gov>
Date: 10/22/20 12:30 PM (GMT-05:00)
To: Amrish Vyas <amrishvyas@gmail.com>
Cc: MRED <gphillips@mred.us>, Najib Roshan <roshannj@aol.com>, Mansi Grover Vyas <mgvyas@gmail.com>, Sara Easterday <saraeasterday@verizon.net>, Kevin Oaster <kevin@libertypure.com>
Subject: RE: Fwd: Jack's Landing Lot-4 plan for Alt. Well

Assuming the plans are acceptable, we can review them ASAP. We will wait to hear from them when the location is staked and we can inspect the next business day. I imagine we could have everything wrapped up on our end as soon as Monday if we get everything we need.

Jeff

From: Amrish Vyas <amrishvyas@gmail.com>
Sent: Thursday, October 22, 2020 12:09 PM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Cc: MRED <gphillips@mred.us>; Najib Roshan <roshannj@aol.com>; Mansi Grover Vyas <mgvyas@gmail.com>; Sara

Easterday <saraeasterday@verizon.net>; Kevin Oaster <kevin@libertypure.com>

Subject: RE: Fwd: Jack's Landing Lot-4 plan for Alt. Well

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

Hello Jeff,

I am being told that the scaled copies will be in your box tomorrow. In the interests of daily showers, daily dishwasher runs and weekly laundry runs for my family, do you think Easterly can start drilling early part of next week? Can someone review the paperwork tomorrow and give a green to Easterday by Monday or so?

I thank you again for your prompt attention my family's situation.

Thank you.

Amrish Vyas

=====

Amrish Vyas
(301) 338-VYAS (8927)
(877) 246-5066
amrishvyas@gmail.com

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. This message may contain confidential information, if you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by replying followed by deleting this e-mail from your system. If you are not the intended recipient you are duly notified that disclosing, copying, distributing or taking any action in relation to the contents of this information is strictly prohibited may result in legal consequences!

----- Original message -----

From: MRED <gphillips@mred.us>
Date: 10/22/20 11:37 AM (GMT-05:00)
To: Najib Roshan <roshannj@aol.com>
Cc: Amrish <Amrishvyas@gmail.com>
Subject: Fwd: Jack's Landing Lot-4 plan for Alt. Well

Good Morning,

Jeff has preliminarily approved the site. He wants to paper copies scalable delivered and the well location staked.

If you send to Highstar I will pick up and deliver to his office.

Gregory Phillips
Maryland Real Estate Development
6100 Day Long Lane
Suite 100
Clarksville, Maryland 21029

Direct 410.977.0864
gphillips@MRED.US

Begin forwarded message:

From: Amrish Vyas <amrishvyas@gmail.com>

Subject: RE: Jack's Landing Lot-4 plan for Alt. Well

Date: October 22, 2020 at 9:29:44 AM EDT

To: "Williams, Jeffrey" <jewilliams@howardcountymd.gov>, "gphillips@mred.us" <gphillips@mred.us>
Cc: Kevin Oaster <kevin@libertypure.com>, Sara Easterday <saraeasterday@verizon.net>, "Wolf, Kevin" <KWolf@howardcountymd.gov>, "Thomas, Susan" <sathomas@howardcountymd.gov>, Mansi Grover Vyas <mgvyas@gmail.com>

Najib & Greg,

Can we please do this today?

Jeff,

We are really struggling with water, assuming that the paperwork is with you today, how long do you think it will be before we can get the driller to start drilling?

Thank you for your prompt attention to this, our family really appreciates it.

Best,

Amrish

=====
Amrish Vyas
(301) 338-VYAS (8927)
(877) 246-5066
amrishvyas@gmail.com

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----- Original message -----

From: "Williams, Jeffrey" <jewilliams@howardcountymd.gov>

Date: 10/22/20 9:16 AM (GMT-05:00)

To: gphillips@mred.us

Cc: Amrish <Amrishvyas@gmail.com>, Kevin Oaster <kevin@libertypure.com>, Sara Easterday <saraeasterday@verizon.net>, "Wolf, Kevin" <KWolf@howardcountymd.gov>, "Thomas, Susan" <sathomas@howardcountymd.gov>

Subject: RE: Jack's Landing Lot-4 plan for Alt. Well

Thanks. This looks like it should be good. We will need 2 scaled paper copies to verify. You are welcome to stake out that location in the meantime to keep things moving along. You are welcome to use our dropbox for the paper copies.

Jeff

From: gphillips@mred.us <gphillips@mred.us>

Sent: Tuesday, October 20, 2020 8:51 PM

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

Cc: Amrish <Amrishvyas@gmail.com>; Kevin Oaster <kevin@libertypure.com>; Sara Easterday <saraeasterday@verizon.net>

Subject: Fwd: Jack's Landing Lot-4 plan for Alt. Well

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

Jeff,

My apologies as I thought that NJ had sent to all parties.

Please see attached and let the group know if this alternative location is acceptable. Amrish has assured me that we will have access to the water system in the front right corner of the house just to the right of the stoop. I cannot verify this as I have not been inside the home. So hopefully, Kevin, with Liberty Pure can weigh in.

Regards,

Gregory Phillips
Maryland Real Estate Development
6100 Day Long Lane
Suite 100
Clarksville, Maryland 21029

Direct 410.977.0864
gphillips@MRED.US



Begin forwarded message:

From: roshannj@aol.com
Subject: Jack's Landing Lot-4 plan for Alt. Well
Date: October 19, 2020 at 7:55:37 AM EDT
To: "gphillips@mred.us" <gphillips@mred.us>
Reply-To: roshannj@aol.com

Good morning,

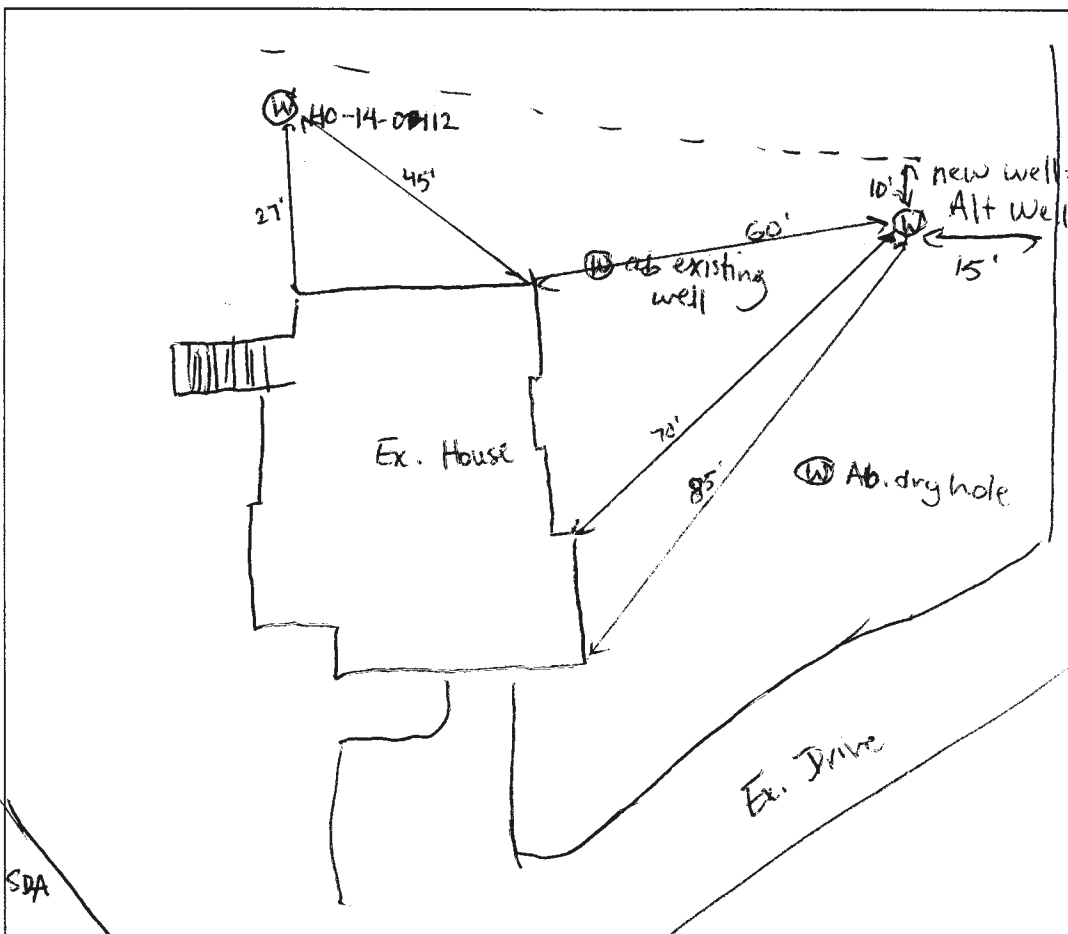
Attached, please find the Red-Line of the new Well site. The Well will be closer then the recommended 10' to the driveway but there is no space in this area. I hope this well do as all other setbacks are okay.

Thank you
Najib Roshan, LS
NJR & Associates, LLC
2770 Route 32
West Friendship, MD 21794
PH (240) 508-3200
roshannj@aol.com

SITE INSPECTION SHEET

OWNER: Amrish Vyas PHONE #: _____
 ADDRESS: 5525 Jacks Landing Way CONTRACTOR: Easterday
Clarksville, MD 21029 WELL TAG #: HO-20-0045
 SUBDIVISION: Jacks Landing LOT: 4 COUNTY #: Howard
 PROPOSAL: drill new rep well. Existing well only producing 0.5 gpm.

LOCATION DIAGRAM



Jacks Landing Way #2

COMMENTS: Existing well only producing 0.5 GPM, owner is low on water. House has entire house RO system. Alternate well site #2 chosen from perc cert. Intention is to keep existing well as back up. Cannot frack in this area because of high Na, Cl, TDS and iron. If ~~at~~ this location is unsuccessful, must contact Health Department before picking new location

DATE: 9/23/2020 INSPECTOR: Ausan Thomas

Thomas, Susan

From: Sara Easterday <saraeasterday@verizon.net>
Sent: Wednesday, September 23, 2020 12:30 PM
To: Wolf, Kevin
Cc: Williams, Jeffrey; Thomas, Susan; Cabahug, Joseph; Rappaport, Ryan; Martin, Sharhonda
Subject: Re: 5525 Jacks Landing Way

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

So what happened to the appointment that we had scheduled? Mr. Easterday and the owner have been waiting since noon.

Sara

*Sara V Easterday
Administrative Assistant
L. F. Easterday Well Drilling
9265 Brown Church Road
Mt. Airy, Md. 21771
301-829-1640
301-829-2667-fax*

Saraeasterday@verizon.net

On Friday, September 18, 2020, 03:33:23 PM EDT, Wolf, Kevin <kwolf@howardcountymd.gov> wrote:

Wednesday at 12pm is good. See you then.

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

From: Sara Easterday <saraeasterday@verizon.net>
Sent: Friday, September 18, 2020 3:24 PM
To: Wolf, Kevin <KWolf@howardcountymd.gov>
Subject: Re: 5525 Jacks Landing Way

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

How does Wednesday around noon look for you? Just let me know.

*Sara V Easterday
Administrative Assistant
L. F. Easterday Well Drilling
9265 Brown Church Road
Mt. Airy, Md. 21771
301-829-1640
301-829-2667-fax*

Saraeasterday@verizon.net

On Friday, September 18, 2020, 03:19:42 PM EDT, Wolf, Kevin <kwolf@howardcountymd.gov> wrote:

Sara,
When did you want to meet again? We will agree to meet to select one of the replacement well locations that are on the approved Perc Cert plan. Please be advised that if this well is unsuccessful you must contact the Health Department prior to proceeding with another well location. In addition, hydrofracturing is not an option due to the elevated levels of Na, Cl, tds and Iron. There will be sampling requirements for the yield test so make every effort to notify us of the drilling activities.

Thanks,

Kevin M. Wolf, LEHS, REHS/RS
Groundwater Mgmt. Sec. Supervisor
Well & Septic Program
Howard County Health Department
8930 Stanford Blvd.
Columbia, MD 21045
410-313-2645 (Office)
410-313-2648 (Fax)
www.hchealth.org

kwolf@howardcountymd.gov

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From: Sara Easterday <saraeasterday@verizon.net>
Sent: Friday, September 18, 2020 12:31 PM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Cc: Wolf, Kevin <KWolf@howardcountymd.gov>
Subject: Re: 5525 Jacks Landing Way

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

He has had the well evaluated. We wanted to meet onsite to discuss the location. It has .6 gpm. We were going to bring the application when we met.

Thanks,

Sara

*Sara V Easterday
Administrative Assistant
L. F. Easterday Well Drilling
9265 Brown Church Road
Mt. Airy, Md. 21771
301-829-1640
301-829-2667-fax*

Saraeasterday@verizon.net

On Friday, September 18, 2020, 11:57:01 AM EDT, Williams, Jeffrey <jewilliams@howardcountymd.gov> wrote:

Hi Sara. I believe you called earlier about a replacement well at 5525 Jacks Landing Way. I heard from the builder that the well yield has dropped to around 0.6 gpm according to them. This property is a bit unique in that they are on a whole house R/O system due to elevated Na/Cl/TDS. They also had a couple dry holes when they were drilling for the subdivision.

I told the builder to have a driller evaluate the existing well prior to trying to drill a new one. Have you evaluated this well yet? Have you looked at the site and the alternate well locations? Have you put in a well permit application yet? Thanks

Jeff Williams

Program Supervisor, Well & Septic Program

Bureau of Environmental Health

Howard County Health Dept.

410-313-4261

jewilliams@howardcountymd.gov

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Real Property Data Search

Search Result for HOWARD COUNTY

View Map	View GroundRent Redemption	View GroundRent Registration	
Special Tax Recapture: None			
Account Identifier:		District - 05 Account Number - 599485	
Owner Information			
Owner Name:	VYAS MANSI G VYAS AMRISH J	Use: Principal Residence:	RESIDENTIAL YES
Mailing Address:	5525 JACKS LANDING WAY CLARKSVILLE MD 21029-	Deed Reference:	/18178/ 00281
Location & Structure Information			
Premises Address:	5525 JACKS LANDING WAY CLARKSVILLE 21029-0000	Legal Description:	LOT 4 1.377 A. 5525 JACKS LANDING WAY JACKS LANDING PH. 1
Map:	Grid:	Parcel:	Neighborhood:
0034	0003	0414	5010101.14
Subdivision:	Section:	Block:	Lot:
1001			4
Assessment Year:	Plat No:	Plat Ref:	
2020		23952-55	
Town: None			
Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area
2019	4,173 SF		1.3770 AC
Stories	Basement	Type	Exterior
2	YES	STANDARD UNIT	SIDING/
Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
6	3 full/ 1 half	1 Attached	
Value Information			
	Base Value	Value	Phase-in Assessments
		As of	As of
		01/01/2020	07/01/2020
Land:	278,700	268,700	As of
Improvements	630,100	628,600	07/01/2021
Total:	908,800	897,300	897,300
Preferential Land:	0		0
Transfer Information			
Seller: HOWARD MARTY ANTHONY	Date: 05/15/2018	Price: \$365,900	
Type: ARMS LENGTH VACANT	Deed1: /18178/ 00281	Deed2:	
Seller:	Date:	Price:	
Type:	Deed1:	Deed2:	
Seller:	Date:	Price:	
Type:	Deed1:	Deed2:	
Exemption Information			
Partial Exempt Assessments:	Class	07/01/2020	07/01/2021
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00 0.00	0.00 0.00
Special Tax Recapture: None			
Homestead Application Information			
Homestead Application Status: Approved 05/27/2020			
Homeowners' Tax Credit Application Information			
Homeowners' Tax Credit Application Status: No Application		Date:	

GENERAL NOTES

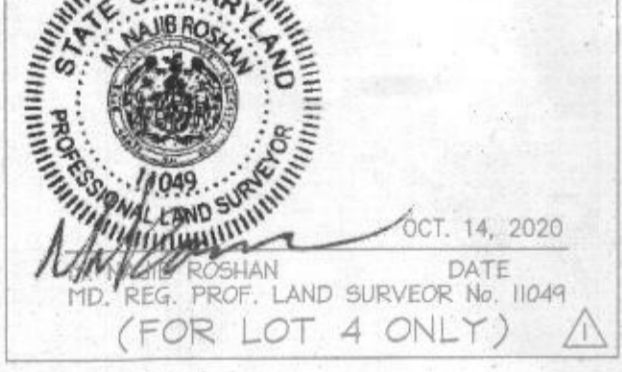
1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
2. PROPERTY OUTLINE SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED NOVEMBER, 2013.
3. DEED REFERENCES: LIBER 18178 FOLIO 281.
4. THE EXISTING TOPOGRAPHY IS TAKEN FROM CURRENT HOWARD COUNTY GIS DATA AND FIELD VERIFIED TO BE ACCURATE.
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. THIS LOT COMPLIES WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION PLAN IS TO RELOCATE PROPOSED ALTERNATE WELL NUMBER 2 ON LOT 4.

ERIC A. METZMAN
HELEN L. METZMAN
TM: 28 PARCEL: 308
FENTON ESTATES
PLAT: 4555
L. 1815 / F. 377
LOT: 3
4.67 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

LUCY E. BRIGHTBILL
NANCY L. BRIGHTBILL
TM: 34 PARCEL: 292
DUNFARMIN ESTATES
PLAT: 7830
L. 3087 / F. 269
LOT: 6
3.14 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

ERIC S. CLAWSON
KIMBERLY P. CLAWSON
TM: 34 PARCEL: 385
FENTON ESTATES
PLAT: 4435
L. 2779 / F. 192
LOT: 1
3.05 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

PROFESSIONAL CERTIFICATION
I hereby certify that the red line markings shown hereon were prepared or approved by me, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. #110494, Expired 10/10/2021.



red line approved by land surveyor on 10/14/2020. Stake at well location conforms to aerial photo.

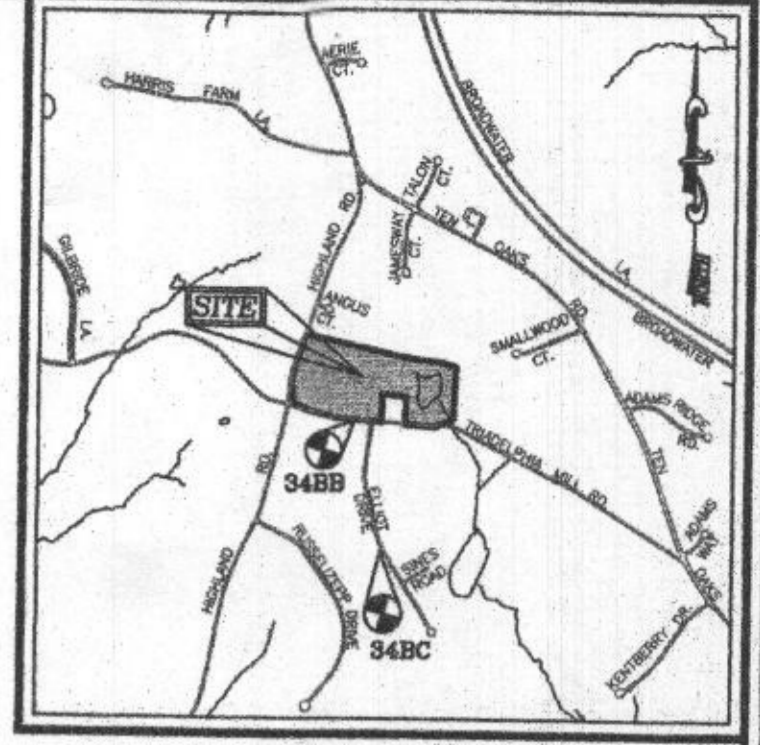
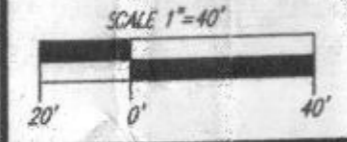
SOILS LEGEND				
SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
GgB	GLENELO LOAM, 3 TO 8 PERCENT SLOPES	B	20	NO
McC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	C	24	NO

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.

NOTE: THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION PLAN IS TO RELOCATE PROPOSED ALTERNATE WELL NUMBER 2 ON LOT 4.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
Walter M. Mansa 7/13/18
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.
Edward J. Glaw JUNE 18, 2018
EDWARD J. GLAW DATE
PROFESSIONAL LAND SURVEYOR No. 21391



VICINITY MAP
SCALE: 1"=2,000'
ADC MAP COORDINATE: PAGE: 24 GRID: E8

LEGEND:

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- PROPOSED RIGHT-OF-WAY LINE
- ADJACENT PROPERTY LINE
- EXISTING CURB AND GUTTER
- EXISTING EDGE OF PAVING
- EXISTING TREE LINE
- EXISTING WOOD FENCE
- EXISTING METAL FENCE
- EXISTING UTILITY POLE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- EXISTING USE-IN-COMMON ACCESS EASEMENT
- EXISTING WELL LOCATION
- APPROVED WELL LOCATION (FIELD LOCATED)
- PROPOSED ALTERNATE WELL LOCATION
- EXISTING DRY WELL CASING (TO BE ABANDONED)
- EXISTING PRIVATE SDA
- APPROVED PRIVATE SDA
- APPROVED WELL BOX
- PROPOSED TREE LINE
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED PAWN GARDEN (M-7)
- EXISTING SPECIMEN TREE

THIS AREA DESIGNATES A PRIVATE SEWERAGE AREA 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 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. RECOGNITION OF A MODIFIED SEWERAGE AREA SHALL NOT BE NECESSARY.

OWNER
MANSI G. VYAS
AMRISH J. VYAS
3586 LAUREL VIEW CT.
LAUREL, MD 20724
(301) 261-0277

BUILDER
CARUSO HOMES
2120 BALDWIN AVE., #200
CROFTON, MD 21114
(301) 261-0277

NO.	REVISION	DATE
1	ADDED NEW ALTERNATIVE WELL SITE # 3 ON LOT 4.	10/12/20

PERCOLATION CERTIFICATION REVISION PLAN

JACK'S LANDING - LOT 4
5525 JACKS LANDING WAY
CLARKSVILLE, MD 21029
1.38 AC.
(PLAT: 23952-23955)

L. 18178 / F. 281
TM MAP: 34 GRID: 03
5TH ELECTION DISTRICT

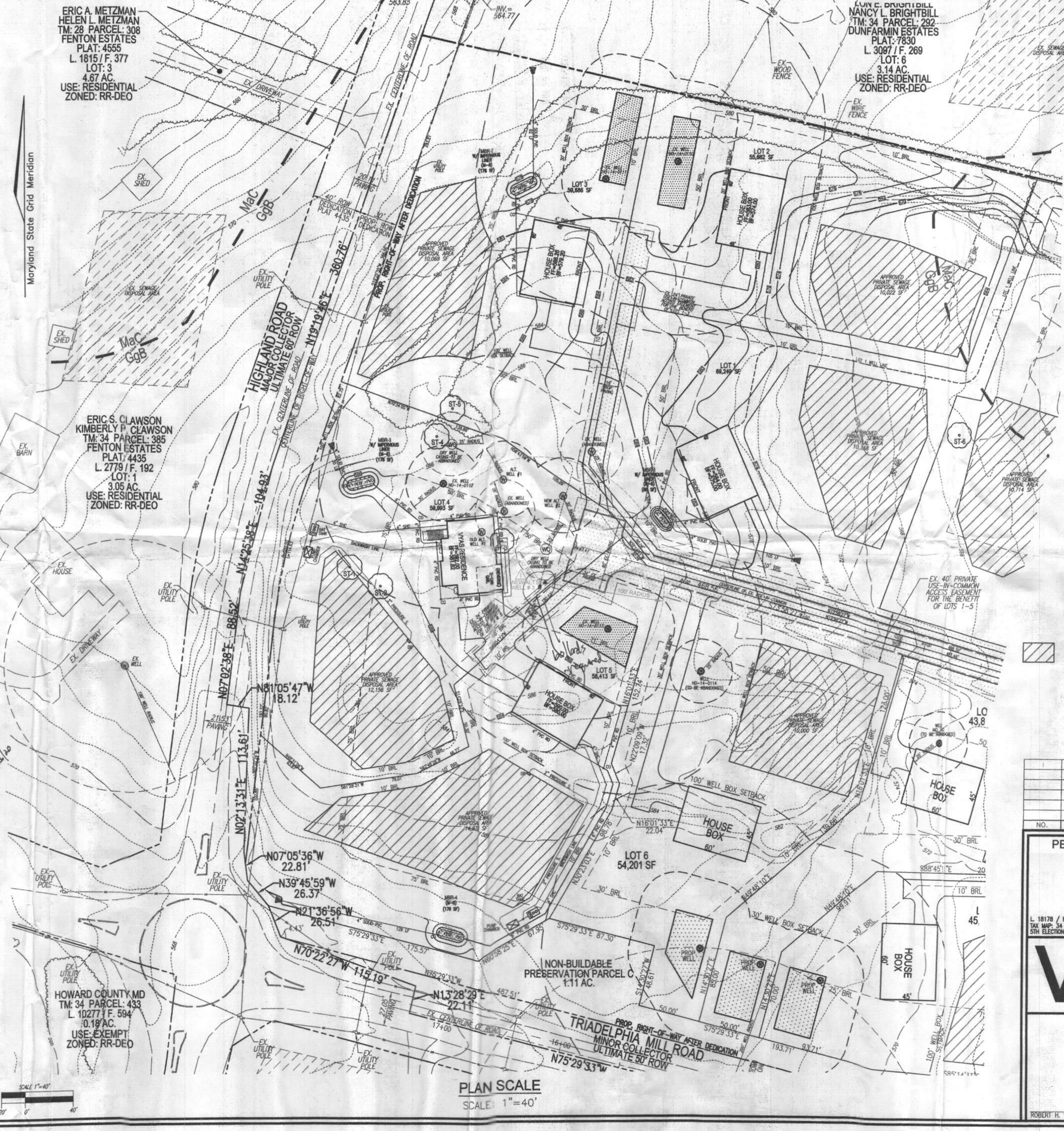
PARCEL: 414
ZONE: RR-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERS, INC.
ENGINEERS - SURVEYORS - PLANNERS
3300 N. RIDGE ROAD, SUITE 110, ELSDORTH CITY, MD 21043
TEL: 410.461.7666 FAX: 410.461.8961

DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: JUNE 18, 2018
SCALE: 1"=40'
W.O. NO.: 13-31

PROFESSIONAL CERTIFICATE
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. 18183, EXPIRATION DATE: 08-27-2018.

1 SHEET OF 1



GENERAL NOTES

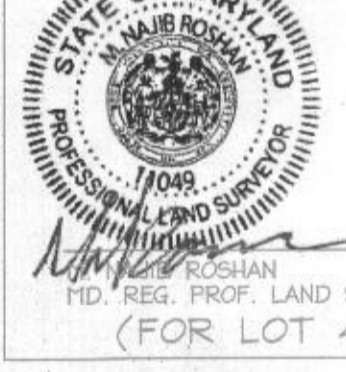
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HELEN L. METZMAN
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FENTON ESTATES
PLAT: 4555
L. 1815 / F. 377
LOT: 3
4.67 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

LOUIE E. DRIGGILL
NANCY L. BRIGHTBILL
TM: 34 PARCEL: 292
DUNFARMIN ESTATES
PLAT: 7830
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LOT: 6
3.14 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

ERIC S. CLAWSON
KIMBERLY P. CLAWSON
TM: 34 PARCEL: 385
FENTON ESTATES
PLAT: 4435
L. 2779 / F. 192
LOT: 1
3.05 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

PROFESSIONAL CERTIFICATION
I hereby certify that the red line markings shown hereon were prepared or approved by me, and that I am a duly licensed professional land surveyor under the laws of the State of Maryland, License No. #11049, Expired 06/30/2021.



SOILS LEGEND

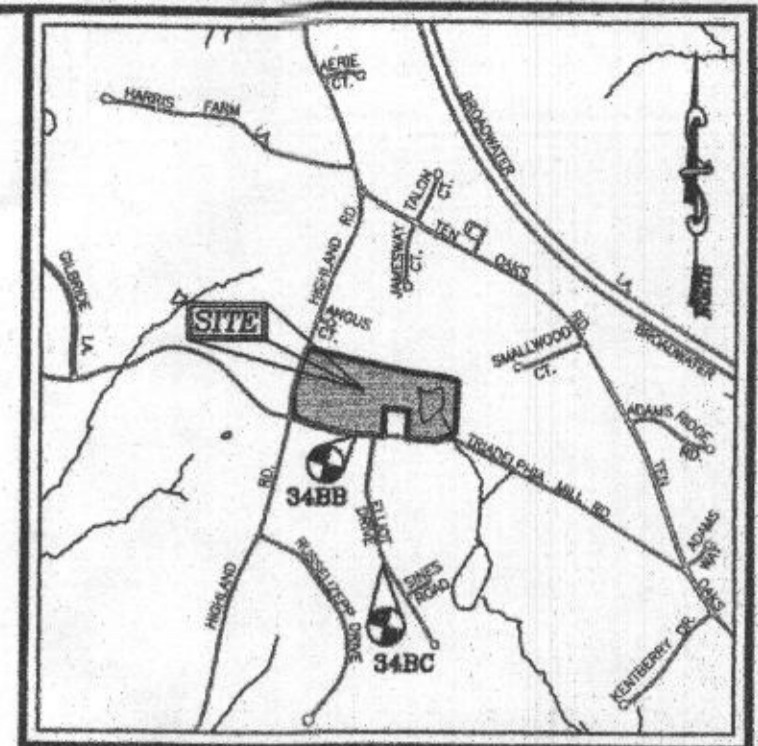
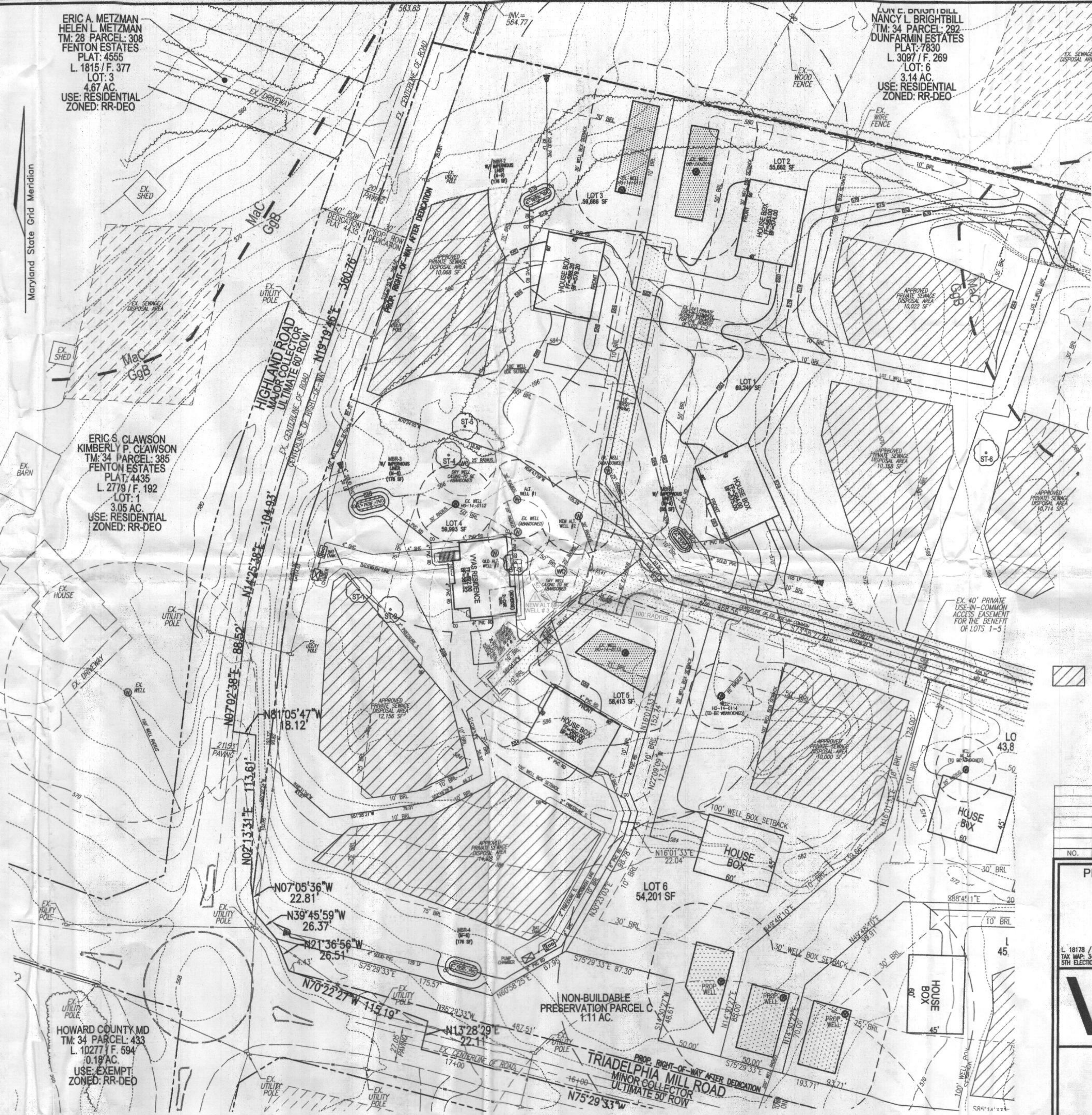
SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
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McC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	C	.24	NO

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.

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APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
 County Health Officer: *Walter M. ...* DATE: 7/13/18

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 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.
 Edward J. Glawe, June 18, 2018
 EDWARD J. GLAWE, PROFESSIONAL LAND SURVEYOR No. 21391



VICINITY MAP
SCALE: 1"=2,000'
ADC MAP COORDINATE: PAGE: 24 GRID: EB

- LEGEND:**
- PROPERTY LINE
 - EXISTING RIGHT-OF-WAY LINE
 - PROPOSED RIGHT-OF-WAY LINE
 - ADJACENT PROPERTY LINE
 - EXISTING CURB AND GUTTER
 - EXISTING EDGE OF PAVING
 - EXISTING TREELINE
 - EXISTING WOOD FENCE
 - EXISTING METAL FENCE
 - EXISTING UTILITY POLE
 - EXISTING 10' CONTOUR
 - EXISTING 2' CONTOUR
 - SOILS
 - EXISTING USE-IN-COMMON ACCESS EASEMENT
 - EXISTING WELL LOCATION
 - APPROVED WELL LOCATION (FIELD LOCATED)
 - EXISTING ALTERNATE WELL LOCATION
 - EXISTING DRY WELL CASING (TO BE ABANDONED)
 - EXISTING PRIVATE SDA
 - APPROVED PRIVATE SDA
 - APPROVED WELL BOX
 - PROPOSED TREELINE
 - PROPOSED 10' CONTOUR
 - PROPOSED 2' CONTOUR
 - PROPOSED RAIN GARDEN (M-T)
 - EXISTING SPECIMEN TREE

THIS AREA DESIGNATES A PRIVATE SEWERAGE AREA 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 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. RECORDATION OF A MODIFIED SEWERAGE AREA SHALL NOT BE NECESSARY.

OWNER
MANISH G. VIAS
AMRISH J. VIAS
3586 LAUREL VIEW CT.
LAUREL, MD 20724
(301) 261-0277

BUILDER
CARLOS HOMES
2120 BALDWIN AVE., #200
CROFTON, MD 21114
(301) 261-0277

NO.	REVISION	DATE
1	ADDED NEW ALTERNATIVE WELL SITE # 3 ON LOT 4.	10/12/20

PERCOLATION CERTIFICATION REVISION PLAN

JACK'S LANDING - LOT 4
5525 JACKS LANDING WAY
CLARKSVILLE, MD 21029
1.38 AC.
(PLAT: 23952-23955)

L. 18178 / F. 281
TAX MAP: 34 GRID: 03
5TH ELECTION DISTRICT

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 N. RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043
TEL: 410.461.7666 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE
 DESIGN BY: RHV
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: JUNE 18, 2018
 SCALE: 1"=40'
 W.O. NO.: 13-31

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 06-30-2021.

1 SHEET OF 1

PLAN SCALE
SCALE: 1"=40'