

Bureau of Environmental Health
8930 Stanford Blvd. Columbia, MD 21045
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
Website: www.hchealth.org
Maura J. Rossman, M.D., Health Officer

Date: October 12, 2016

To: Applicant: Mrs. Jennifer Taylor
Via E-Mail: jentaylor1105@gmail.com

RE: **Percolation Testing Report**
3461 Daisy Road
Woodbine, Maryland 21797

Mrs. Taylor,

Percolation testing was conducted on the referenced property on September 28, 2016. The purpose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for the existing lot. And to establish 10,000 square feet reserve area for the existing lot.

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


All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve areas. When designing your plan, please address the following:

- On percolation certification plan please show all structures on the property and all components of the existing septic system. (i.e. fence, propane tank to be abandoned, etc.....)
- Please send documentation showing the last time the existing house was occupied.
- Your plan must contain all of the surrounding properties including the septic and wells.
- Please show and label all structures on property and label structures to be abandoned.
- Your plan could possibly require a waiver for the down gradient well so I am attaching a waiver request form.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,


Dana Bernard, REHS/L.E.H.S.
Environmental Specialist II
Enclosures
File

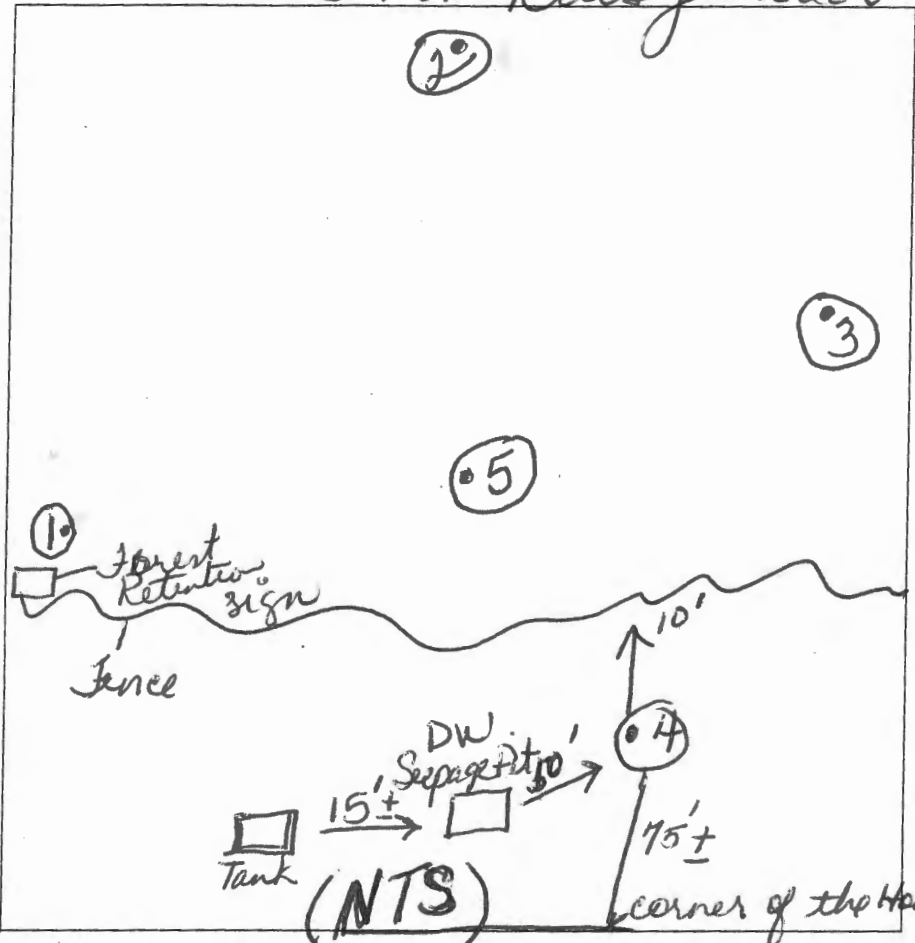
3461 Daisy Road

A/P _____

#1
Red Brown
yellow
Sh
5'
Red Brown
yellow
Sh
5-10%
R4
↓
14'

#2
Red Brown
yellow
Sh
4.5'
Red Brown
yellow
Sh
5-10%
R4
↓
14'

#3
Red Brown
yellow
Sh
5'
Red Brown
yellow
Sh
5-10%
R4
↓
12'



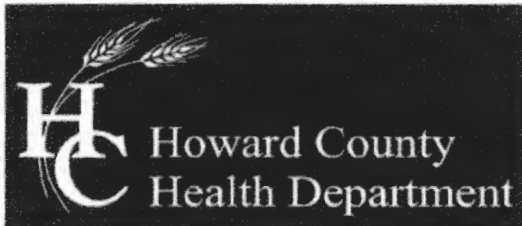
#4
Red Brown
yellow
Sh
5'
Red Brown
yellow
many
mud
Sh
5-10%
R4
↓
14'

#5
Red Brown
yellow
Sh
5'
Red Brown
yellow
Sh
5-10%
R4
↓
14'

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|--|----------|-------|------------------|-----------------|---------------------|-------|
| 9-28-16 | 1 | 6'/14' | 10:59 | 11:03 | 11:07 | 4min | P |
| 9-28-16 | 2 | 5'/14' | 10:48 | 10:50 | 10:53 | 3min | P |
| 9-28-16 | 3 | 6'/12' | 11:10 | 11:22 | 11:31 | 9min | P |
| 9-28-16 | 4 | 6'/14' | 11:34 | 11:37 | 11:42 | 5min | P |
| 9-28-16 | 5 | 5.5'/14' | 10:34 | 10:36 | 10:39 | 3min | P |
| 9-28-16 | Note: ① Propane tank will have to be abandoned not with required setbacks. | | | | | | |
| | ② Well should be tested for potability. | | | | | | |

REMARKS: tank is between 750-1000 gal. with 6' of cover over old tank
 SANITARIAN DBernard BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA 5 AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

*12 feet deep off of grade. is terra cotta pipe with no trenches. Seepage pit



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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

APPLICATION FOR VARIANCE
TO COMAR ONSITE WATER/SEWER FOR MDE APPROVAL

Date Submitted

10/17/16

3401 DAISSY Rd WOODBINE MD 21797

Property Address

N/A

Subdivision

Lot

0620 Tax Map

0606 Grid

0018 Parcel

Tax Account #

Provide a brief site history including previously submitted and active plans with the Health Department or the County (subdivision plans, perc test applications, Building Permit applications):

Vacant Foreclosure, Purchased 7/27/2016, Building Permit Submitted 8/3/16, Perc performed 9/27/16 and passed.

In the area below, list the specific section of the Code of Maryland Regulations (COMAR) to which a variance is being requested and provide a brief summary of the regulation and an explanation of why the variance is being requested (Attach a separate sheet if necessary).

Regulation Section

Summary and Explanation

1.

To Address down Gradient Wells that are located on surrounding Properties

2.

Handwritten signature of property owner

Property Owner's Signature

Health Department Use Only

Reviewed by

HCHD Staff

Date

Recommendation:

[X] Recommended

[]

Not Recommended

Handwritten signature of HCHD Supervisor

HCHD Supervisor

10/20/16

Date

Comments/Conditions:

BAT & LPD Required

Approved by:

Steven R. King, LEHS
MDE Representative

10/20/16

Date

**CHARLES R. CROCKEN
& ASSOCIATES, INC.**

Civil Engineering and Land Planning
902 Lee Avenue Sykesville, MD 21784
Tel. 410-549-2708 Fax. 410-549-9063

LETTER OF TRANSMITTAL

TO HOWARD CO HEALTH DEPT.
ENVIRONMENTAL HEALTH
8930 STANFORD BLVD
COLUMBIA, MD. 21045

| | | | |
|-----------|----------------|---------|---|
| DATE | 9-29-16 | JOB NO. | - |
| ATTENTION | DANA BERNARD | | |
| RE: | 3461 DAISY RD. | | |
| | PERK CERT PLAN | | |
| | | | |
| | | | |

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

| COPIES | DATE | NO. | DESCRIPTION |
|--------|------|-----|---|
| 3 | 9/29 | 1 | PERCOLATION TEST PLAN PERK CERTIFICATION |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO File/ _____ SIGNED: Charles Crocken

If enclosures are not as noted, kindly notify us at once.

**CHARLES R. CROCKEN
& ASSOCIATES, INC.**
Civil Engineering and Land Planning
902 Lee Avenue Sykesville, MD 21784
Tel. 410-549-2708 Fax. 410-549-9063

LETTER OF TRANSMITTAL

TO HOWARD CO HEALTH DEPT.
ENVIRONMENTAL HEALTH
8930 STANFORD BLVD
COLUMBIA, MD. 21045

| | | | |
|-----------|--|---------|--|
| DATE | 11-10-16 | JOB NO. | |
| ATTENTION | JEFF WILLIAMS | | |
| RE: | 3461 DAISY ROAD. PERK CERT. PLAN & BAT PLAN | | |

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

| COPIES | DATE | NO. | DESCRIPTION |
|--------|----------|-----|--------------------------|
| 3 | 11-7-16 | 1 | PERK. CERTIFICATION PLAN |
| 2 | 11-10-16 | 1 | BAT PLAN |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

THESE ARE TRANSMITTED as checked below:

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19_____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO File/Jeri Taylor SIGNED: Charles Crocken

If enclosures are not as noted, kindly notify us at once.

Please accept this letter as a request for waiver or exception for perc test and well certification at this time prior to permit release and request a waiver of this requirement.

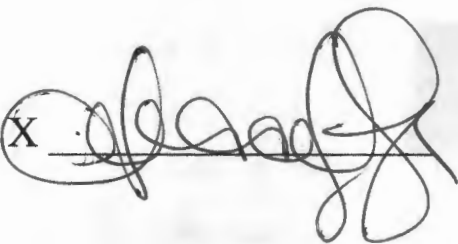
The home has sat vacant for some time and there is no electric currently in the house. The well water test is guaranteed to fail. We already planned on re plumbing the interior of the home. A potability test would in essence be worthless because the water will not be running through the same pipes.

There is no electric currently going to the home. We are in need of BGE to hook up but will need a permit in order to do so.

We are also NOT increasing the bedroom count of the home. To my understanding septic size requirements are based on bedroom count.

I've attached the drawings of the new planned interior of the home. There will be no additions made that will increase the footprint of the current home on the site. Also attached is a copy of the survey that shows the location of the well and septic. I believe you may already have copies of these with the application.

Thank you so much,

Jennifer Taylor X 

Date 8/15/16



8115

Mike:

This came
in today. I
can respond back
for Dana while

she is out

V.M.
8/19/16

TR, Hank



Taylor'd Properties, LLC

Invest - Consult - Design -
Renovate

Jennifer Taylor
Jonah Taylor

443-631-2070
616-405-4337

Taylor'dpropertiesmd@gmail.com
Taylor'dproperties.com

Please send memo:

we can't review
without some
info on ~~the~~ adequacy of
refuse - at minimum need
tank size, info, draft field
location, depth, size, etc.

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, August 25, 2016 4:07 PM
To: 'Taylorpropertiesmd@gmail.com'
Subject: Waiver Request_3461 Daisy Road
Attachments: memo.pdf

Jennifer Taylor:

Please see attached memo regarding your Waiver Request. Should you have any questions, please don't hesitate to ask.

Hank

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



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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDepartment

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

DATE: August 8, 2016

TO: Mr. Richard Haislip
Hand Delivered in Office

RE: 3461 Daisy Road
Woodbine, Maryland 21797

Handwritten notes: Mike Davis - Perc test waiver - 950.27 - 2078 7.58

Mr. Haislip,

Handwritten note: Kevin Wolf

Handwritten note: 34794.83

Handwritten note: 791.89

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.

Additionally, we need floor plans for the existing house and for the proposed addition to complete the review for your file. This plan along with testing results and the floor plans will complete your file and allow us to review your building application. However, before testing please submit floor plans so preliminary information can be determine in reference to the percolation testing.

In addition, You must have your well water tested for potability to confirm that your well is free of coliform and fecal coliform bacteria and is bacteriologically safe for drinking according to our well requirements of COMAR 26.04.04 "Well Regulations".

Please contact (410) 313-1773 to schedule a water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:
http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf

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.

Handwritten note: 31,000

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

Handwritten note: 200 ft deep, 230 pump, 230 circuit

Rick Haislip
ref. Daisy Rd.

443 831-2085

Please
call*

Bernard, Dana

From: Jennifer Taylor <jentaylor1105@gmail.com>
Sent: Tuesday, October 18, 2016 4:03 PM
To: Bernard, Dana; Naomi Howell -MDE-
Subject: Fwd: Global Contact Us [Incident: 161014-000220]

I went through email contact for BGE verses talking to people over the phone. Below is all I have been able to get.
Please confirm if this works.

Thanks
Jen

----- Forwarded message -----

From: Baltimore Gas and Electric <MyHomeRep@bge.com>
Date: Tue, Oct 18, 2016 at 3:58 PM
Subject: Global Contact Us [Incident: 161014-000220]
To: jentaylor1105@gmail.com



An Exelon Company

Recently you requested assistance from our on-line support center. Below is a summary of your request and our response. Thank you for allowing us to be of service to you.

To update your question with additional information, please reply to this email.

Subject

Global Contact Us

Response By Email (S. Cook) (10/18/2016 03:58 PM)

Dear Jennifer Taylor:

Thank you for contacting BGE regarding the service at 3461 Daisy Rd,

Woodbine, MD, 21797. The reference number associated with this online submission is 161014-000220.

The last date of service was on February 7, 2011.

If we can be of further assistance, please reply to this email. Thank you for allowing us to be of service to you.

Sincerely,

S. Cook
Your Home Rep

Auto-Response By (Administrator) (10/14/2016 04:38 PM)

Global Contact Us / Submit a Comment or Question

Please review your information below. Your form will not be submitted until you click submit.

Primary Customer Information

First Name: Jennifer
Middle Name:
Last Name: Taylor
Address: 3461 Daisy Rd
City: Woodbine
State: MD
Zip code: 21797
BGE Account Number:

Ways to Contact You

Email Address: jentaylor1105@gmail.com
Primary Phone: [4436312070](tel:4436312070) Type: Cell
Alternate Phone: Type:
Best Time to Call: Noon

Your Comments

Work Order #:
I'd like to send my comments to: Billing Inquiries
Comments: {INCIDENTS_ATTACH_THREADS_SUBSTITUTE}

Customer By CSS Web (Jennifer Taylor) (10/14/2016 04:38 PM)

I need to know the last known date of service for the property I own located at 3461 Daisy Rd Woodbine MD, 21797..

Thanks

Question Reference # 161014-000220

Date Created: 10/14/2016 04:38 PM

Date Last Updated: 10/18/2016 03:58 PM

Status: Solved

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[Smart Meters](#)



HOWARD COUNTY HEALTH DEPARTMENT

58847

AS

DATE 8/31/14

Received From

Dyler Sophie Cloum

PHONE #

410-795-5070

For

~~Septic permit for app~~
3461 Daisy Rd

CASH

CHECK

NO.

54600

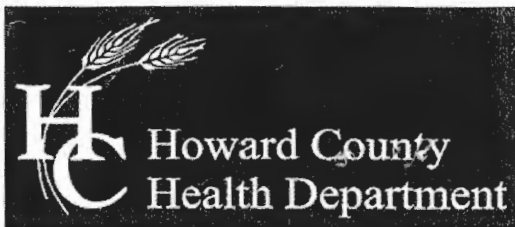
Five hundred sixty Dollars

\$

500.00

Received By

King



Bureau of Environmental Health

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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., Health Officer

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME

PROPERTY ADDRESS 3461 Daisy Rd. Woodbine 21797

TAX ACCOUNT # 319923 TAX MAP 20 GRID 6 PARCEL 18 LOT NO. PROPOSED LOT SIZE (ACRES) 1

ZONING CATEGORY TIER

PROPERTY OWNER(S) Jennifer Taylor / Rick Haislip

DAYTIME PHONE 443-831-2085 CELL EMAIL

MAILING ADDRESS 3461 Daisy Rd. Woodbine, MD 21797

APPLICANT Fogles Septic Clean, Inc.

RELATIONSHIP TO OWNER:

DAYTIME PHONE 410-795-5670 CELL EMAIL

MAILING ADDRESS 580 Obrecht Rd. Sykesville, MD 21784

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 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
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

8/31/16

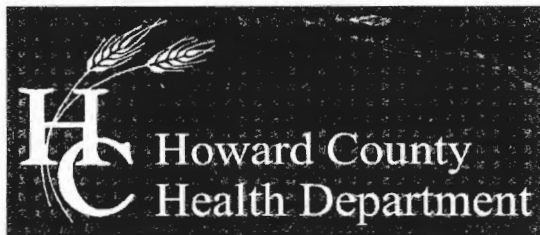
DATE

443 862 1286
Zach w/ Fogles
Call to
Schedule Perc
ASAP

RECEIVED
AUG 31 2016
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

RECEIVED
AUG 31 2016
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH





Office of the Health Officer

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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDepartment

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

DATE: August 8, 2016

TO: Mr. Richard Haislip
Hand Delivered in Office

RE: 3461 Daisy Road
Woodbine, Maryland 21797

Mr. Haislip,

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.

Additionally, we need floor plans for the existing house and for the proposed addition to complete the review for your file. This plan along with testing results and the floor plans will complete your file and allow us to review your building application. However, before testing please submit floor plans so preliminary information can be determine in reference to the percolation testing.

In addition, You must have your well water tested for potability to confirm that your well is free of coliform and fecal coliform bacteria and is bacteriologically safe for drinking according to our well requirements of COMAR 26.04.04 "Well Regulations".

Please contact (410) 313-1773 to schedule a water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov
cc: Well & Septic program file

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Tuesday, September 06, 2016 9:43 AM
To: Steven Krieg -MDE- (steven.krieg@maryland.gov)
Subject: Well variance to come
Attachments: 20160906093356969.pdf

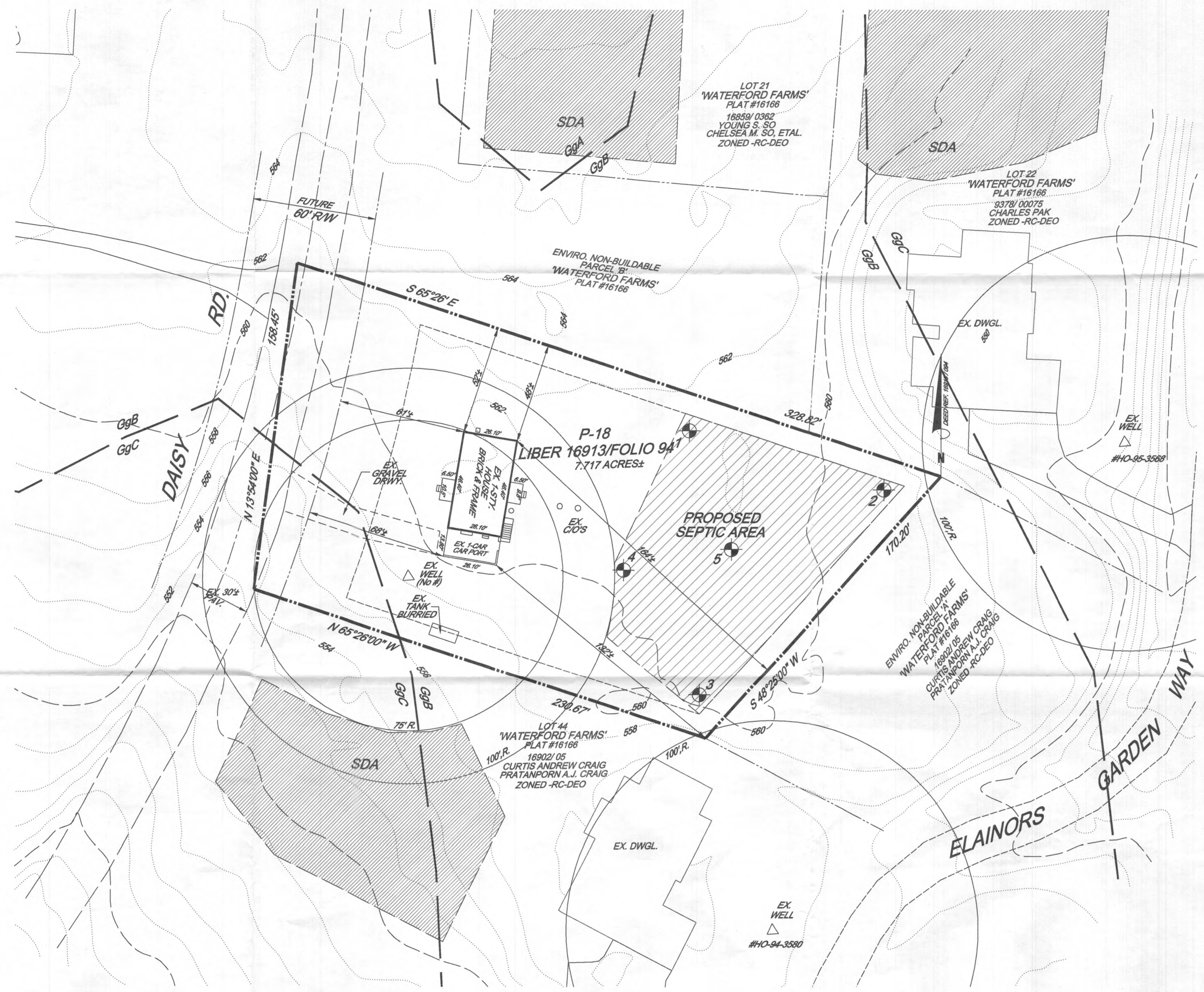
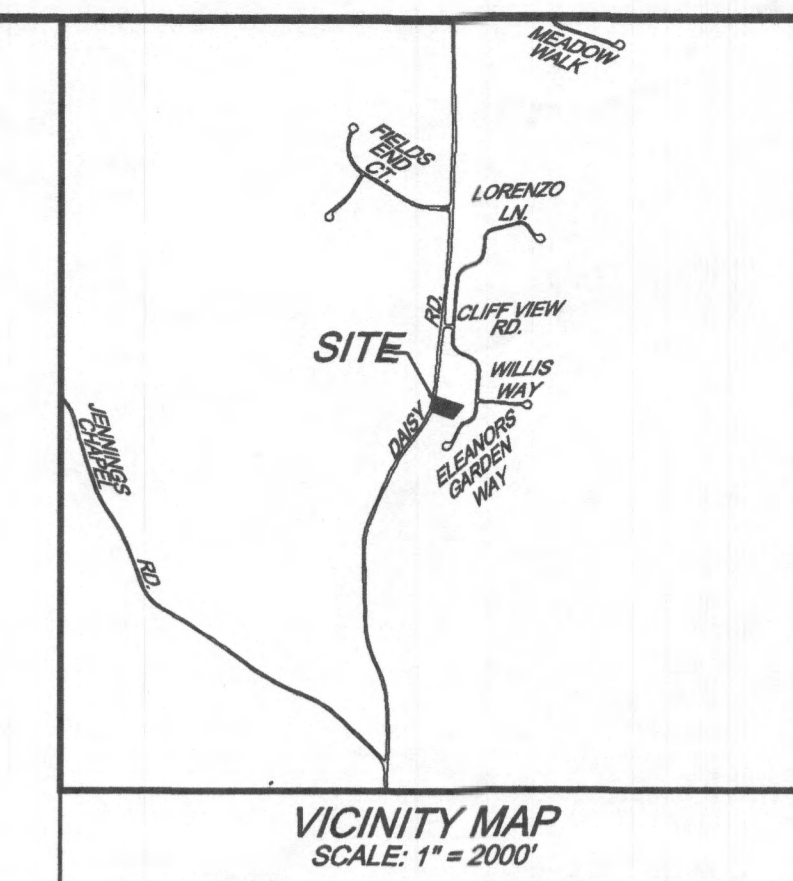
Hi Steve. I wanted to get your preliminary take on a situation before we do perc testing. If you have strong feelings against a variance, it will change things. See attached test plan. This property is currently vacant and has a building permit application for renovations and finishing the basement. We have no records for the property. House was built in 1967. The only area for an SDA is less than 200' from the neighboring wells. It's questionable from the topo where it is directly upgrade, but most of the area is generally upgrade. The two downgrade wells were approved by us in the early 2000's and have steel casings to 100 and 120'.

We're inclined to test and potentially recommend a variance to be less than 200', but as far away as possible if the soils pass. Do you have any objections at this time? Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

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.



GENERAL NOTES:

- OWNERS:
THE BANK OF NEW YORK MELLON
8742 LUCENT BLVD / SUITE 300
HIGHLANDS RANCH CO 80129
DEED REFERENCE: LIBER 16913, FOLIO 94
DATE: APRIL 20, 1988
GRANTOR: LEONA C. JENSON
- TAX MAP 020, GRID 06, PARCEL 18
- THE BOUNDARY SHOWN HEREON IS BASED UPON LIBER 16913, FOLIO 94
- SOILS BASED UPON NRCS - SOIL WEB MAPS
- WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
- THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #240040013B ZONE "X"
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA NAVD83, CONTOUR INTERVAL = 2 FT. CHECKED BY CRC & ASSOC., INC. AND IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET UNLESS SHOWN HEREON.
- SUBJECT PROPERTY IS ZONED RC-DEO
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEWAGE DISPOSAL AREA
- THERE ARE NO STREAMS, WETLANDS, STEEP SLOPES, FLOOD PLAINS OR FORESTED AREAS LOCATED ON THE LOT.

- This area designates a private sewage area of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available. This area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have the authority to grant adjustments to the private sewage area. Recordation of a modified sewage area shall not be necessary.
- The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment.
- Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
- All wells shall be drilled prior to building permit approval. It is the developer's responsibility to schedule the well drilling prior to building permit submittal. It will not be considered government delay if the well drilling holds up Health Department approval of a building permit for new construction.
- Any changes to a private sewage area shall require a revised perc certification plan.
- Pre-treatment is proposed: An advanced pre-treatment system, which utilizes best available technology to perform nitrogen reduction, must be installed on the septic system located on subject property LIBER 12698, FOLIO 369 in accordance with MDE regulations. A supplemental site plan with all of the necessary details for installation of the system will be required prior to the release of the building permit (if applicable) and septic system installation permit. In addition, an operation and maintenance contract agreement must be filed with Howard County Land Records prior to release of the septic system permit.

⬤ DENOTES "PROPOSED" PERCOLATION TEST

DEVELOPER/PURCHASER:
TAYLOR PROPERTIES, LLC
9321 SPRING WATER PATH
JESSUP, MD, 20794
PHONE: 443-631-2070

LEGEND

- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- PROP. LOT LINES
- EX. EASEMENTS
- EX. CONTOURS
- PROP. CONTOURS
- EX. TREEWOODS LINE
- SOILS LINE
- EX. SEWAGE DISPOSAL AREA
- PROP. SEWAGE DISPOSAL AREA

| NO. | DATE | REVISION |
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PERCOLATION TEST PLAN
3461 DAISY RD
SINGLE FAMILY DETACHED
GLENWOOD
DEED REF. LIBER 16913 / FOLIO 094
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #20, GRID 06, PARCEL 18
HOWARD COUNTY, MARYLAND

Prepared by:
CHARLES R. CROCKEN AND ASSOCIATES, INC.
902 LEE AVE.
SYKESVILLE, MARYLAND 21157
Tel: (410) 549-2708

SCALE: 1" = 50' DATE: 06/10/18 SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

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. 7803 EXPIRATION DATE 4-22-2017

Charles R. Crocken 8-23-16 DATE

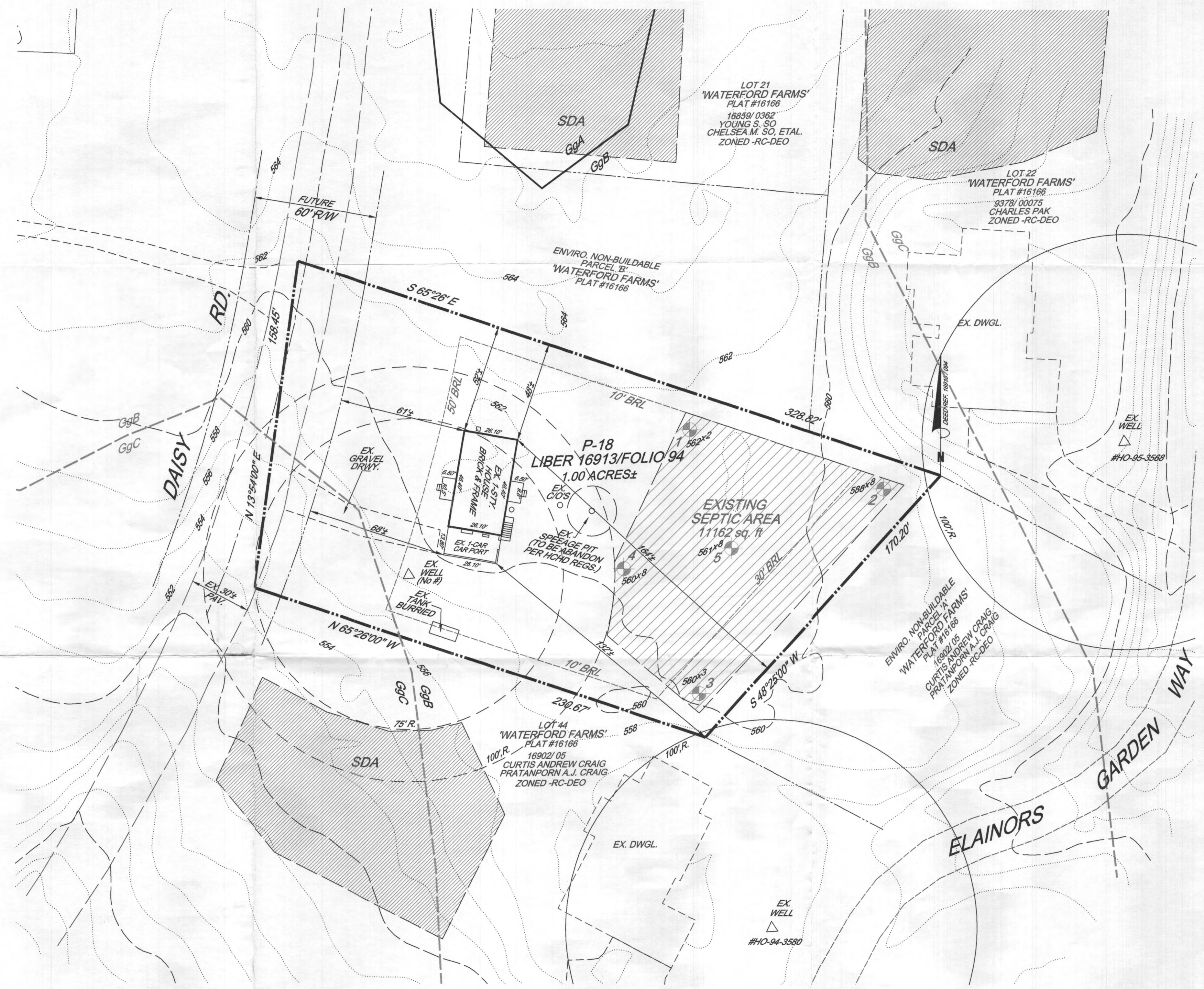
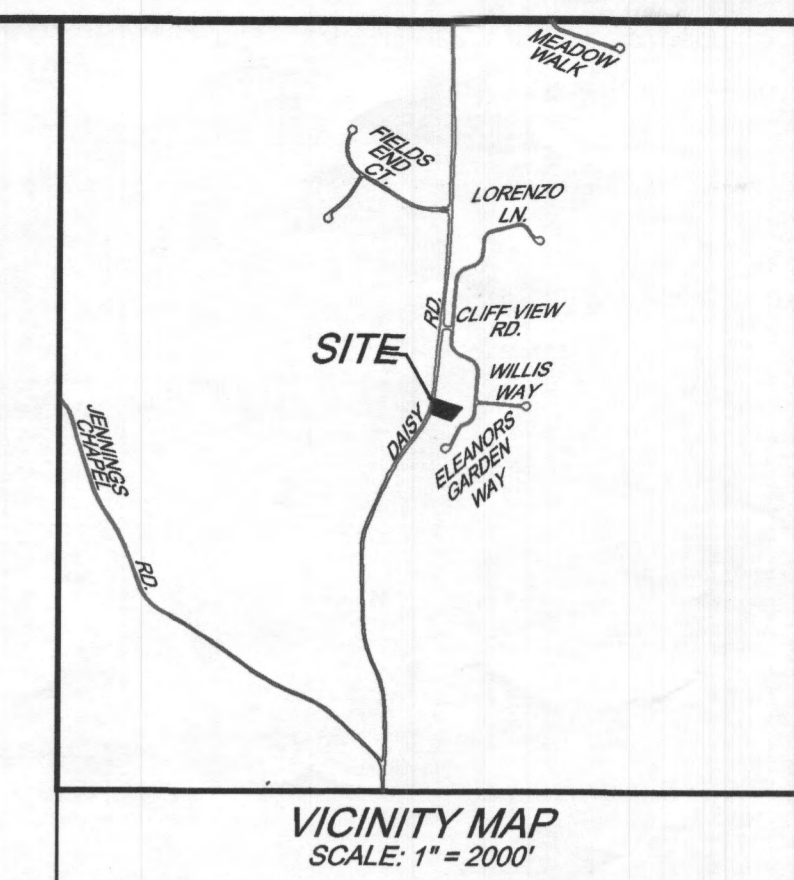
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803

I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

Charles R. Crocken 8-23-16 DATE

CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017)





GENERAL NOTES:

- OWNERS: THE BANK OF NEW YORK MELLON
8742 LUCENT BLVD / SUITE 300
HIGHLANDS RANCH CO 80129
DEED REFERENCE: LIBER 16913, FOLIO 94
DATE: APRIL 20, 1998
GRANTOR: LEONA C. JENSON
- TAX MAP 020, GRID 06, PARCEL 18
- THE BOUNDARY SHOWN HEREON IS BASED UPON LIBER 16913, FOLIO 94
- SOILS BASED UPON NRCS - SOIL WEB MAPS
- WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
- THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #2400440013B ZONE 'X'
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA NAVD83, CONTOUR INTERVAL = 2 FT. CHECKED BY CRC & ASSOC., INC. AND IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET UNLESS SHOWN HEREON.
- SUBJECT PROPERTY IS ZONED RC-DEO
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEWAGE DISPOSAL AREA
- THERE ARE NO STREAMS, WETLANDS, STEEP SLOPES, FLOOD PLAINS OR FORESTED AREAS LOCATED ON THE LOT.

- This area designates a private sewage area of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available. This area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have the authority to grant adjustments to the private sewage area. Recreational of a modified sewage area shall not be necessary.
- The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment.
- Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
- All wells shall be drilled prior to building permit approval. It is the developer's responsibility to schedule the well drilling prior to building permit submittal. It will not be considered "government delay" if the well drilling holds up Health Department approval of a building permit for new construction.
- Any changes to a private sewage area shall require a revised perc certification plan.
- Pre-treatment is proposed: An advanced pre-treatment system, which utilizes best available technology to perform nitrogen reduction, must be installed on the septic system located on subject property LIBER 12698, FOLIO 389 in accordance with MDE regulations. A supplemental site plan with all of the necessary details for installation of the system will be required prior to the release of the building permit (if applicable) and septic system installation permit. In addition, an operation and maintenance contract agreement must be filed with Howard County Land Records prior to release of the septic system permit.

△ DENOTES: EX. PERCOLATION TEST

DEVELOPER/PURCHASER:
TAYLOR PROPERTIES, LLC
9321 SPRING WATER PATH
JESSUP, MD, 20794
PHONE: 443-631-2070

LEGEND

- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- PROP. LOT LINES
- EX. EASEMENTS
- EX. CONTOURS
- PROP. CONTOURS
- EX. TREEWOODS LINE
- SOILS LINE
- EX. SEWAGE DISPOSAL AREA
- PROP. SEWAGE DISPOSAL AREA

| NO. | DATE | REVISION |
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PERCOLATION TEST PLAN
3461 DAISY RD
SINGLE FAMILY DETACHED
GLENWOOD
DEED REF. LIBER 16913 / FOLIO 094
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #20, GRID 06, PARCEL 18
HOWARD COUNTY, MARYLAND

Prepared by:
CHARLES R. CROCKEN AND ASSOCIATES, INC.
902 LEE AVE.
SYKESVILLE, MARYLAND 21157
Tel. (410) 549-2709

SCALE: 1" = 50' DATE: 08/10/16 SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

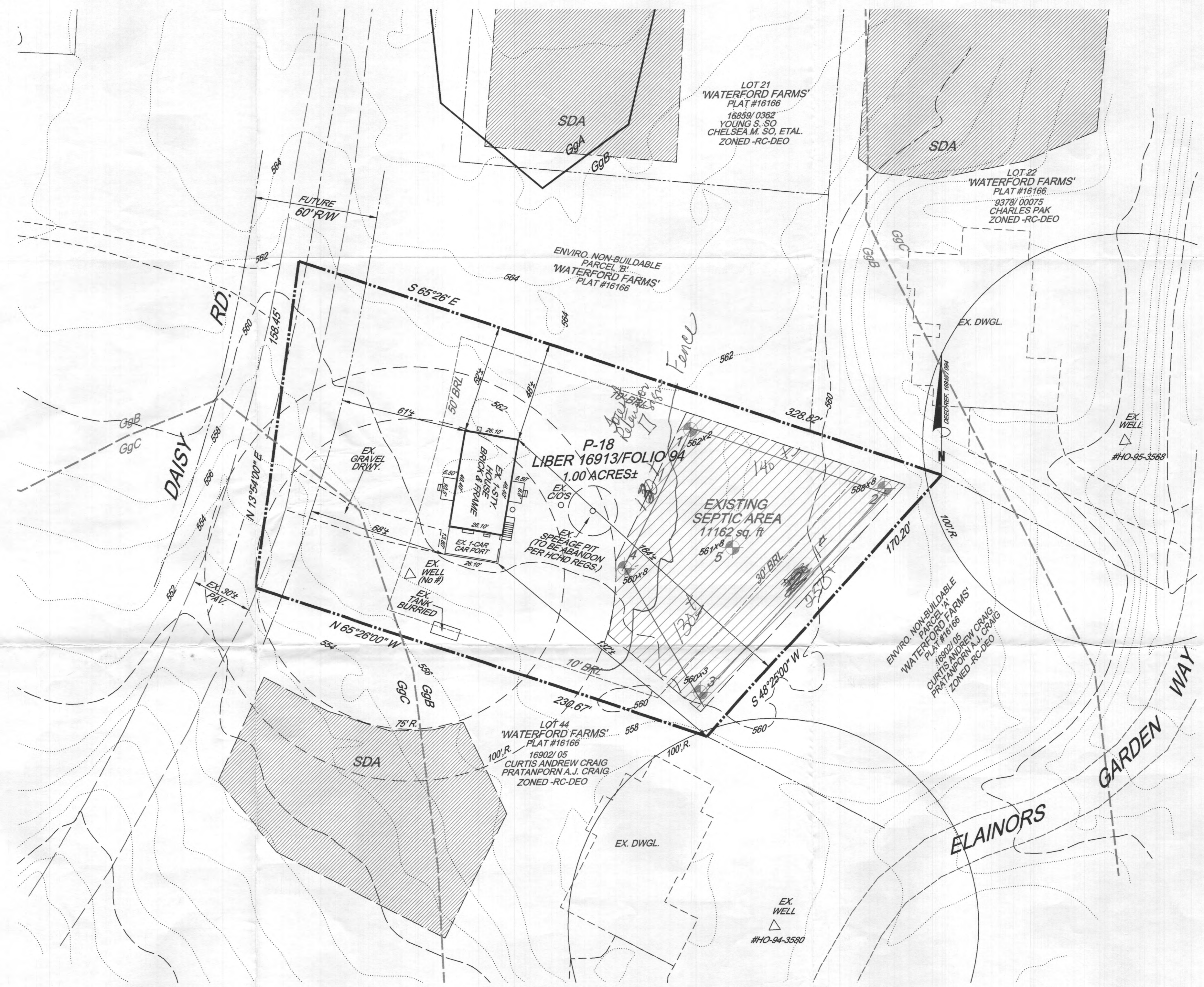
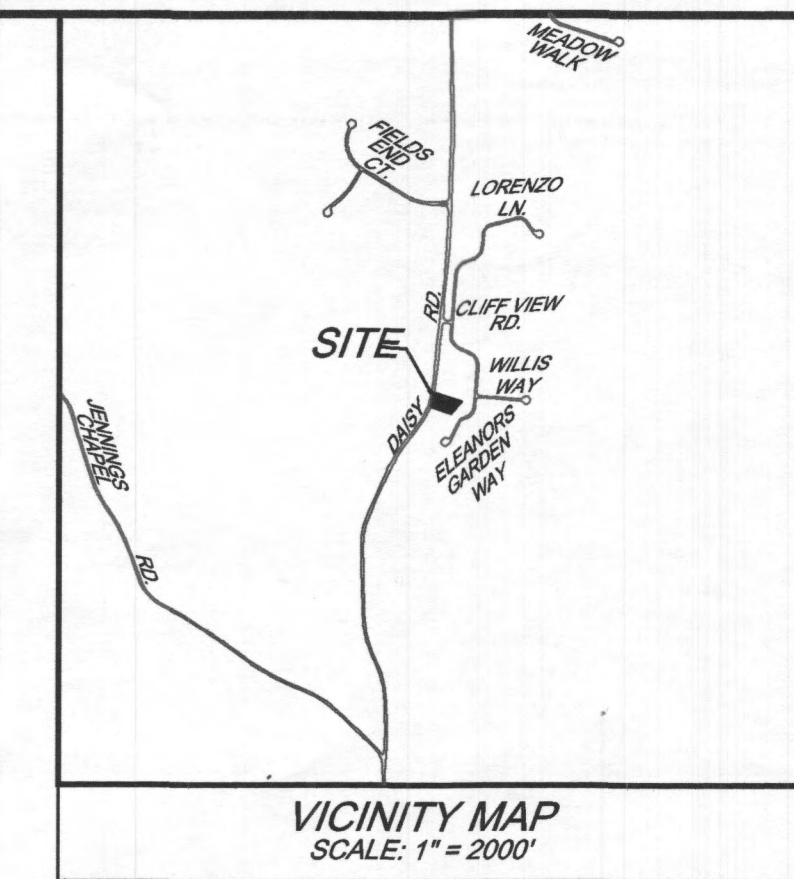
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME
AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE
STATE OF MARYLAND. LICENSE NO. 7803 EXPIRATION DATE 4-22-2017

Charles R. Crocken 9-29-16
CHARLES R. CROCKEN, PE MD, LICENSE REG. NO. 7803 DATE



I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN
HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

Charles R. Crocken 9-29-16
CHARLES R. CROCKEN, PE MD, LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017) DATE



GENERAL NOTES:

- OWNERS:
THE BANK OF NEW YORK MELLON
6742 LUCENT BLVD / SUITE 300
HIGHLANDS RANCH CO 80129
DEED REFERENCE: LIBER 16913, FOLIO 94
DATE: APRIL 20, 1998
GRANTOR: LEONA C. JENSON
- TAX MAP 020, GRID 06, PARCEL 18
- THE BOUNDARY SHOWN HEREON IS BASED UPON LIBER 16913, FOLIO 94
- SOILS BASED UPON NRCS - SOIL WEB MAPS
- WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
- THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #24004A0013B ZONE 'X'
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA NAVD83, CONTOUR INTERVAL = 2 FT. CHECKED BY CRC & ASSOC., INC. AND IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET UNLESS SHOWN HEREON.
- SUBJECT PROPERTY IS ZONED RC-DEO
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEWAGE DISPOSAL AREA
- THERE ARE NO STREAMS, WETLANDS, STEEP SLOPES, FLOOD PLAINS OR FORESTED AREAS LOCATED ON THE LOT.

- This area designates a private sewage area of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available. This area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have the authority to grant adjustments to the private sewage area. Recordation of a modified sewage area shall not be necessary.
- The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment.
- Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
- All wells shall be drilled prior to building permit approval. It is the developer's responsibility to schedule the well drilling prior to building permit submittal. If well not be considered government delay. If the well drilling holds up Health Department approval of a building permit for new construction.
- Any changes to a private sewage area shall require a revised perc certification plan.
- Pre-treatment is proposed: An advanced pre-treatment system, which utilizes best available technology to perform nitrogen reduction, must be installed on the septic system located on subject property LIBER 12658, FOLIO 369 in accordance with MDE regulations. A supplemental site plan with all of the necessary details for installation of the system will be required prior to the release of the building permit (if applicable) and septic system installation permit. In addition, an operation and maintenance contract agreement must be filed with Howard County Land Records prior to release of the septic system permit.

☞ DENOTES: EX. PERCOLATION TEST

LEGEND

- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- PROP. LOT LINES
- EX. EASEMENTS
- EX. CONTOURS
- PROP. CONTOURS
- EX. TREEWOODS LINE
- SOILS LINE
- DENOTES SLOPES 25% OR GREATER
- EX. SEWAGE DISPOSAL AREA
- PROP. SEWAGE DISPOSAL AREA

DEVELOPER/PURCHASER:
TAYLOR PROPERTIES, LLC
9321 SPRING WATER PATH
JESSUP, MD, 20794
PHONE: 443-631-2070

| NO. | DATE | REVISION |
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PERCOLATION TEST PLAN
3461 DAISY RD
SINGLE FAMILY DETACHED
GLENWOOD
DEED REF. LIBER 16913 / FOLIO 094
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #20, GRID 06, PARCEL 18
HOWARD COUNTY, MARYLAND

Prepared by:
CHARLES R. CROCKEN AND ASSOCIATES, INC.
902 LEE AVE.
SYKESVILLE, MARYLAND 21157
Tel. (410) 549-2708

SCALE: 1" = 50' DATE: 06/10/16 SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

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. 7803 EXPIRATION DATE 4-22-2017

Charles R. Crocken 9-29-16 DATE
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803

I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

Charles R. Crocken 9-29-2016 DATE
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017)

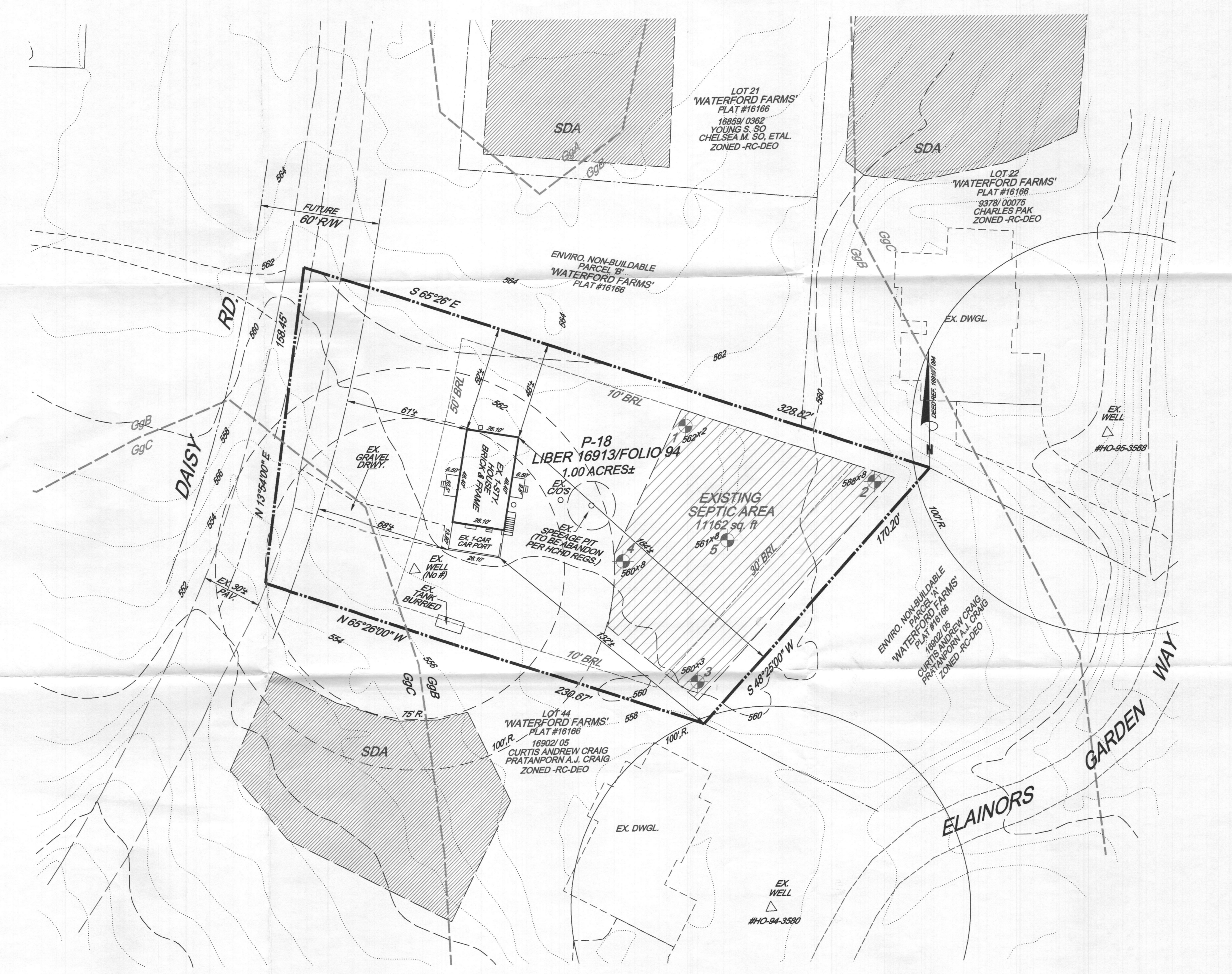
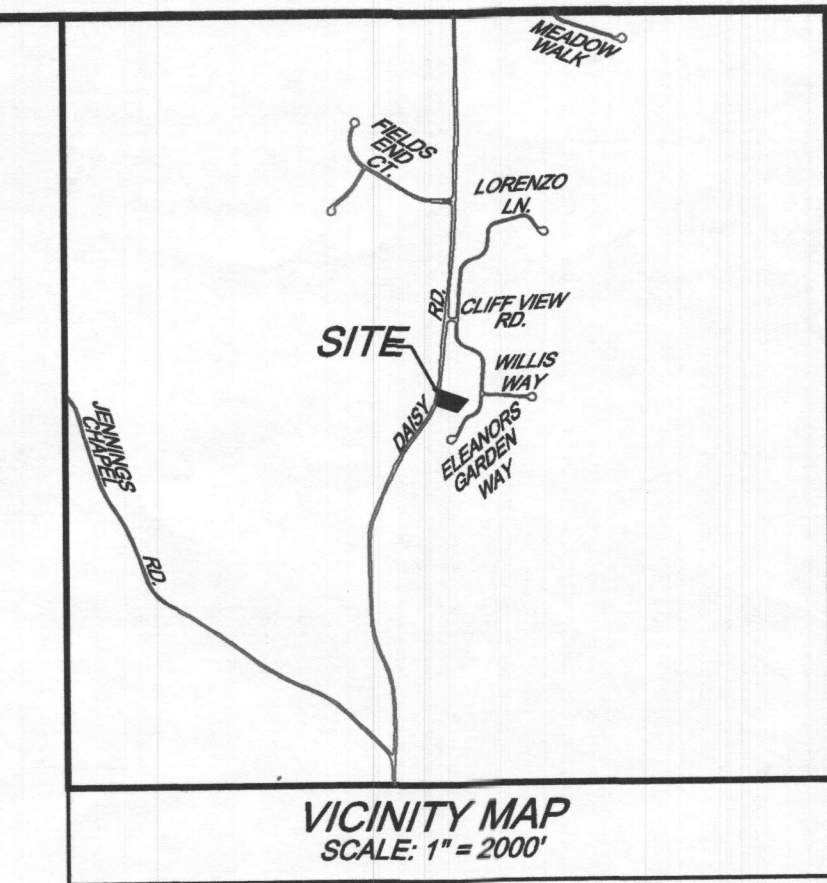


Send memo
w/ these
comments



- Change SDA note to Pre-1972 note
- remove note about drilling wells
- Add note stating MDE has approved variance to allow SDA upgrade of neighboring wells w/ conditions
 - BAT unit required
 - LPD required
- Add note that ex. septic must be properly abandoned + new system utilizing BAT+LPD must be installed + approved prior to Health approval of BP
- Add note that BAT plan must be submitted + approved prior to septic permit issuance - reduction of O+N

agreement + electrical permit
needed prior to Septic permit



- GENERAL NOTES:**
- OWNERS:
THE BANK OF NEW YORK MELLON
8742 LUCENT BLVD / SUITE 300
HIGHLANDS RANCH CO 80129
DEED REFERENCE: LIBER 16913, FOLIO 94
DATE: APRIL 20, 1998
GRANTOR: LEONA C. JENSON
 - TAX MAP 020, GRID 06, PARCEL 18
 - THE BOUNDARY SHOWN HEREON IS BASED UPON LIBER 16913, FOLIO 94
 - SOILS BASED UPON NRCS - SOIL WEB MAPS
 - WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
 - THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #240044013B ZONE 'X'
 - TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA NAVD83, CONTOUR INTERVAL = 2 FT. CHECKED BY CRC & ASSOC., INC. AND IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET UNLESS SHOWN HEREON.
 - SUBJECT PROPERTY IS ZONED RC-DEO
 - THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEWAGE DISPOSAL AREA
 - THERE ARE NO STREAMS, WETLANDS, STEEP SLOPES, FLOOD PLAINS OR FORESTED AREAS LOCATED ON THE LOT.
- This area designates a private sewage area as required by the Maryland State Department of the Environment for individual sewage disposal. For lots created prior to March of 1972, it provides at least enough area to accommodate an initial and two replacement systems as required by the Howard County Health Department. Improvements of any nature in this area are restricted until public sewerage is available. This area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have the authority to grant adjustments to the private sewage area. Recordation of a modified sewage area shall not be necessary.
 - The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment.
 - Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
 - Any changes to a private sewage area shall require a revised perc certification plan.
 - Pre-treatment is proposed: An advanced pre-treatment system, which utilizes best available technology to perform nitrogen reduction, must be installed on the septic system located on subject property LIBER 12698, FOLIO 389 in accordance with MDE regulations. A supplemental site plan with all of the necessary details for installation of the system will be required prior to the release of the building permit (if applicable) and septic system installation permit. In addition, an operation and maintenance contract agreement must be filed with Howard County Land Records prior to release of the septic system permit.
 - The existing sewage disposal system must be properly abandoned and a new system installed prior to final inspection of Building Permit. A system design plan must be approved by the Health Department prior to Health approval of the building permit.

VARIANCE FOR DOWNGRADE WELLS:
A. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW THE SEWAGE DISPOSAL AREA TO BE LOCATED UPGRADE OF THE NEIGHBORING WELLS AT 3224 AND 3240 ELEANORS GARDEN WAY SUBJECT TO THE FOLLOWING CONDITIONS:
1. THE SEWAGE DISPOSAL SYSTEM MUST BE INSTALLED WITH A PRE-TREATMENT SYSTEM UTILIZING BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION AND A LOW PRESSURE DOSED DRAINFIELD.

LEGEND

| | |
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| EX. PROPERTY LINE | --- |
| EX. RIGHT-OF-WAY | --- |
| PROP. LOT LINES | --- |
| EX. EASEMENTS | --- |
| EX. CONTOURS | 110 110 110 |
| PROP. CONTOURS | 110 110 |
| EX. TREEWOODS LINE | ~~~~~ |
| SOILS LINE | HIC2 HIC2 |
| DENOTES SLOPES 2% OR GREATER | [Symbol] |
| EX. SEWAGE DISPOSAL AREA | [Symbol] |
| PROP. SEWAGE DISPOSAL AREA | [Symbol] |
| DENOTES EX. PERCOLATION TEST | [Symbol] |

DEVELOPER/ PURCHASER:
TAYLOR D PROPERTIES, LLC.
9321 SPRING WATER PATH
JESSUP, MD. 20794
PHONE: 443-631-2070

| NO. | DATE | REVISION |
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PERCOLATION TEST CERTIFICATION PLAN

3461 DAISY RD
SINGLE FAMILY DETACHED
GLENWOOD
DEED REF: LIBER 16913 / FOLIO 094
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #20, GRID 06, PARCEL 18
HOWARD COUNTY, MARYLAND

Prepared by
CHARLES R. CROCKEN AND ASSOCIATES, INC.
902 LEE AVE.
SYKESVILLE, MARYLAND 21157
Tel. (410) 549-2708

SCALE: 1" = 30' DATE: 11/07/16 SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

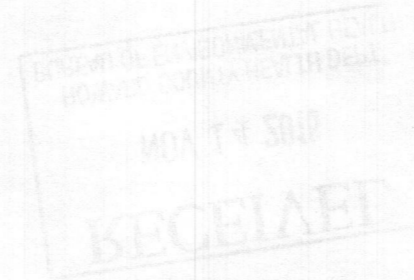
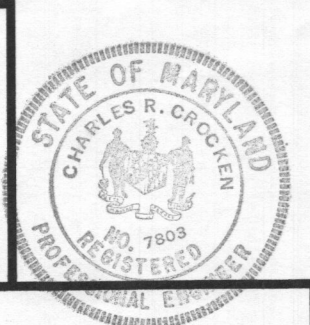
By: [Signature] 11/16/2016
HOWARD COUNTY HEALTH OFFICER DATE

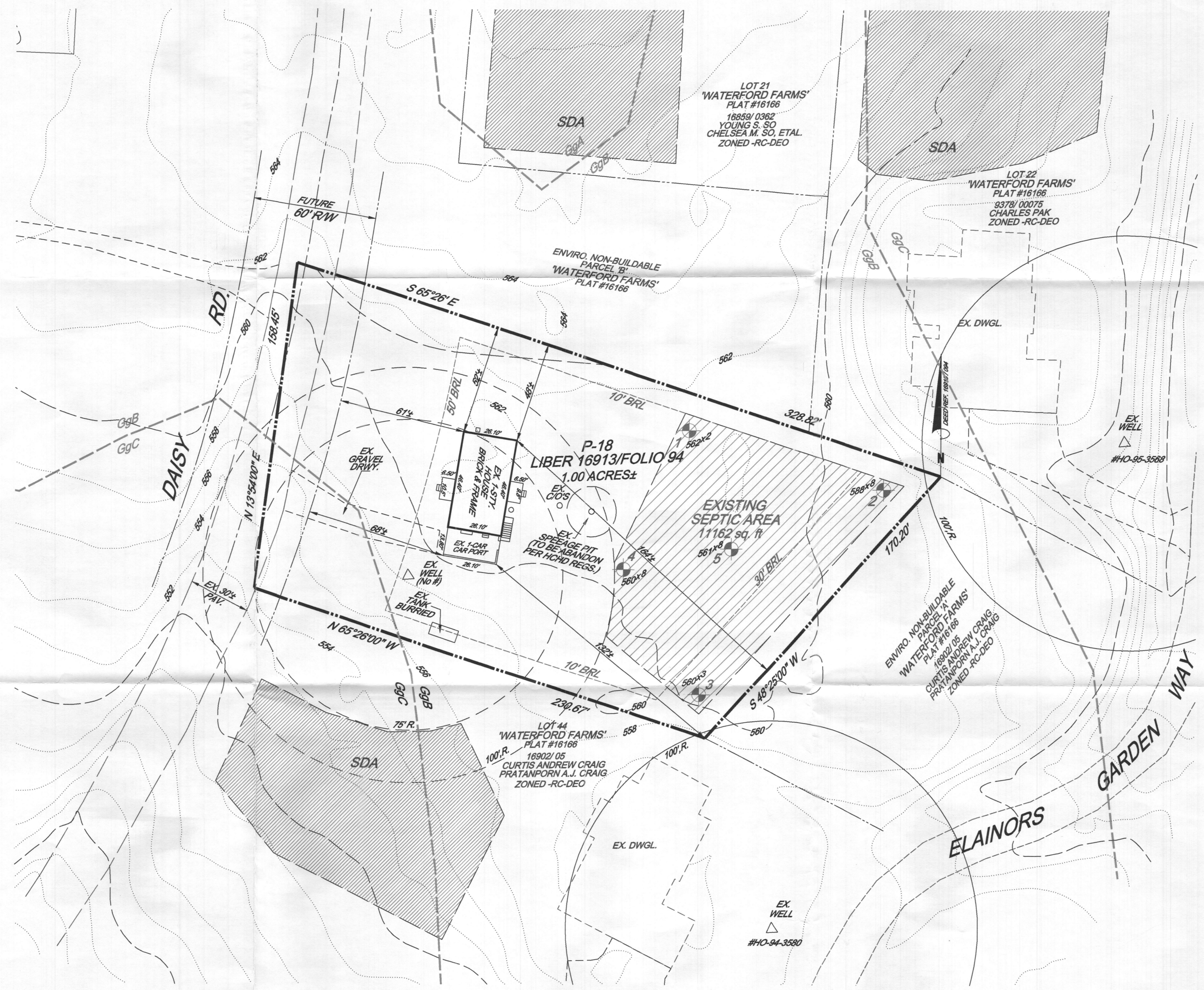
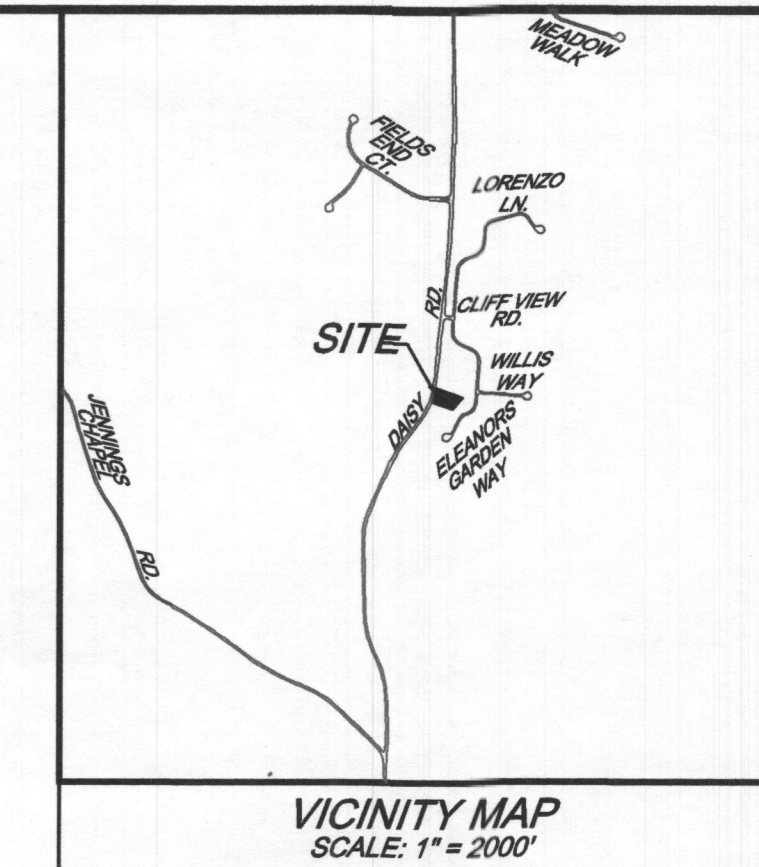
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Charles R. Crocken 11-7-16
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 DATE

I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

Charles R. Crocken 11-7-16
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017) DATE





- GENERAL NOTES:**
- OWNERS: THE BANK OF NEW YORK MELLON
8742 LUCENT BLVD, SUITE 300
HIGHLANDS RANCH CO 80129
DEED REFERENCE: LIBER 16913, FOLIO 94
DATE: APRIL 20, 1998
GRANTOR: LECNA C. JENSON
 - TAX MAP 020, GRID 06, PARCEL 18
 - THE BOUNDARY SHOWN HEREON IS BASED UPON LIBER 16913, FOLIO 94
 - SOILS BASED UPON NRCS -SOIL WEB MAPS
 - WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
 - THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #2400440139 ZONE "X"
 - TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA MAY08, CONTOUR INTERVAL = 2 FT. CHECKED BY CRC & ASSOC., INC. AND IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET UNLESS SHOWN HEREON.
 - SUBJECT PROPERTY IS ZONED RC-DEO
 - THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEWAGE DISPOSAL AREA
 - THERE ARE NO STREAMS, WETLANDS, STEEP SLOPES, FLOOD PLAINS OR FORESTED AREAS LOCATED ON THE LOT.
1. This area designates a private sewage area as required by the Maryland State Department of the Environment for individual sewage disposal. For lots created prior to March of 1972 it provides at least enough area to accommodate an initial and two replacement systems as required by the Howard County Health Department. Improvements of any nature in this area are restricted until public sewerage is available. This area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have the authority to grant adjustments to the private sewage area. Recordation of a modified sewage area shall not be necessary.
2. The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment.
3. Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown.
4. Any changes to a private sewage area shall require a revised perc certification plan.
5. Pretreatment is proposed. An advanced pre-treatment system, which utilizes best available technology to perform nitrogen reduction, must be installed on the septic system located on subject property LIBER 12698, FOLIO 389 in accordance with MDE regulations. A supplemental site plan with all of the necessary details for installation of the system will be required prior to the release of the building permit (if applicable) and septic system installation permit. In addition, an operation and maintenance contract agreement must be filed with Howard County Land Records prior to release of the septic system permit.
6. The existing sewage disposal system must be properly abandoned and a new system installed prior to Final Inspection of Building Permit. A system design plan must be approved by the Health Department prior to Health approval of the building permit.

VARIANCE FOR DOWNGRADE WELLS:
A. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW THE SEWAGE DISPOSAL AREA TO BE LOCATED UPGRADE OF THE NEIGHBORING WELLS AT 3224 AND 3240 ELAINORS GARDEN WAY SUBJECT TO THE FOLLOWING CONDITIONS:
1. THE SEWAGE DISPOSAL SYSTEM MUST BE INSTALLED WITH A PRETREATMENT SYSTEM UTILIZING BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION AND A LOW PRESSURE DOSED DRAINFIELD.

LEGEND

| | |
|----------------------------|-------------------|
| EX. PROPERTY LINE | --- |
| EX. RIGHT-OF-WAY | ---- |
| PROP. LOT LINES | ---- |
| EX. EASEMENTS | ---- |
| EX. CONTOURS | 110 110 110 |
| PROP. CONTOURS | 112 112 |
| EX. TREEWOODS LINE | ~~~~~ |
| SOILS LINE | ===== |
| EX. SEWAGE DISPOSAL AREA | SDA |
| PROP. SEWAGE DISPOSAL AREA | SDA |
| EX. PERCOLATION TEST | + |

DEVELOPER/ PURCHASER:
TAYLOR PROPERTIES, LLC
9321 SPRING WATER PATH
JESSUP, MD. 20794
PHONE: 443-631-2070

| NO. | DATE | REVISION |
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| 1 | | |
| 2 | | |

PERCOLATION TEST CERTIFICATION PLAN
3461 DAISY RD
SINGLE FAMILY DETACHED
GLENWOOD
DEED REF. LIBER 16913 / FOLIO 094
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #20, GRID 06, PARCEL 18
HOWARD COUNTY, MARYLAND

Prepared by:
CHARLES R. CROCKEN AND ASSOCIATES, INC.
902 LEE AVE.
SYKESVILLE, MARYLAND 21157
Tel. (410) 549-2708

SCALE: 1" = 30' DATE: 11/07/16 SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Patricia M. Moore 11/16/2016
HOWARD COUNTY HEALTH OFFICER DATE

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. 7803 EXPIRATION DATE 4-22-2017

Charles R. Crocken 11-7-16
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 DATE

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Charles R. Crocken 11-7-16
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017) DATE

