

Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

1565522

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Gaither Farm

PROPERTY ADDRESS 11079 Gaither Farm Ellicott City 21044-2775
STREET TOWN ZIP

TAX ACCOUNT # 310876 TAX MAP 29 GRID 10 PARCEL 1 LOT NO. 15 PROPOSED LOT SIZE (ACRES) 4.24

ZONING CATEGORY RC-DEO TIER

PROPERTY OWNER(S) Joel & Jay Parran

DAYTIME PHONE CELL EMAIL

MAILING ADDRESS 5617 Suffield Ct COLUMBIA MD 21044-2775
STREET CITY, STATE ZIP

APPLICANT Doug Brunner RELATIONSHIP TO OWNER: CONTRACT PURCHASER

DAYTIME PHONE CELL 410-963-1678 EMAIL dougbrunner24@gmail.com

MAILING ADDRESS 1200 Steuart Street #1511 Baltimore md 21230
STREET CITY, STATE ZIP

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

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: 1
SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
REPAIR OR REPLACE FAILING OSDS
UPGRADE EXISTING OSDS

BUILDING:

- RESIDENTIAL WITH 4 or 5 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.

Douglas Brunner

dotloop verified
06/11/19 4:48 PM EDT
02UP-4UVQ-EFA0-P4PQ

SIGNATURE OF APPLICANT

DATE

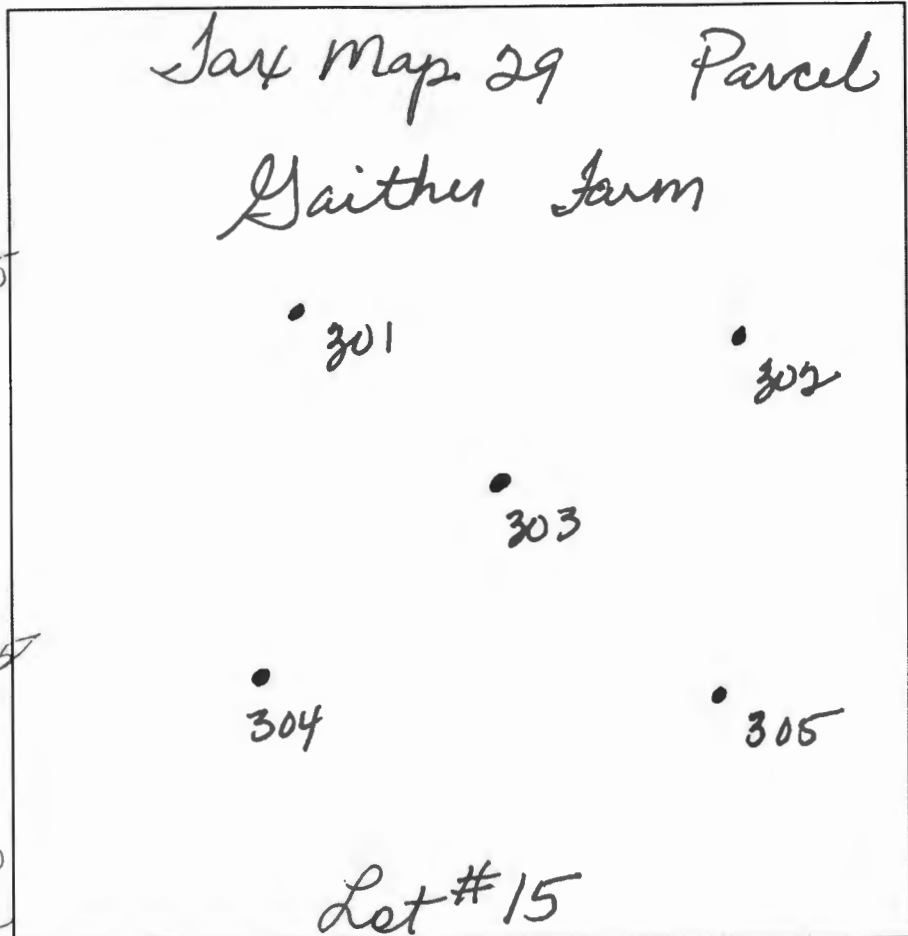
RECEIVED

JUN 12 2019

**HOWARD COUNTY HEALTH DEPT.
FOOD PROTECTION PROGRAM**

Jay Map 29 Parcel 1

Gaithers Farm



305
 Red Brown
 yellow
 Sh
 5-10% R₄ 5.5
 ↓

302
 Red Brown
 Sh
 5.0
 Red Brown
 yellow
 Sh
 5-10%
 R₄
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303
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 Sh
 4.0
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 Sh
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304
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 yellow
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 ↓

301
 Red Brown
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 Sh
 5.00
 Red Brown
 yellow
 many
 mud

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7-2-19	305	5.5 13.8	10:30	10:33	10:32	1 min	
Repair	"	→	10:33	10:34	10:36	2 min	P
7-2-19	302	5 13	10:44	10:47	10:52	3 min	P
7-2-19	303	4.5 13	10:54	10:58	10:05	3 min	P
7-2-19	304	5.5 13	11:07	11:09	11:11	2 min	P
7-2-19	301	5.0 13	11:14	11:15	11:18	2 min	P

REMARKS Good Soils
 SANITARIAN D. Bernard BACKHOE _____ OTHERS Long with FFC
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

13'

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

TO: Fisher, Collins & Carter Inc.
C/O Tony Fertitta
Via E-mail: tonyf@fcc-eng.com

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

RE: Gaither Farm Lot #15
Tax Map 29, Parcel 1
Percolation Certification Testing Results

DATE: July 3, 2019

Percolation testing was conducted on the referenced property on July 2, 2019. The propose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for a house.

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

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

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

Sincerely,



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



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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: by Map 29 Parcel 1

Subdivision: Yaites Farm Lot: 15

Initial system: Application rate: 1.2 Effective area beginning depth: 5.5 Bottom maximum depth: 8

1st Replacement: Application rate: 0.8 Effective area beginning depth: 4.5 Bottom maximum depth: 8

2nd Replacement: Application rate: 1.2 Effective area beginning depth: 5 Bottom maximum depth: 8

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$\frac{W + 2}{W + 1 + 2D} \times 100 =$ Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

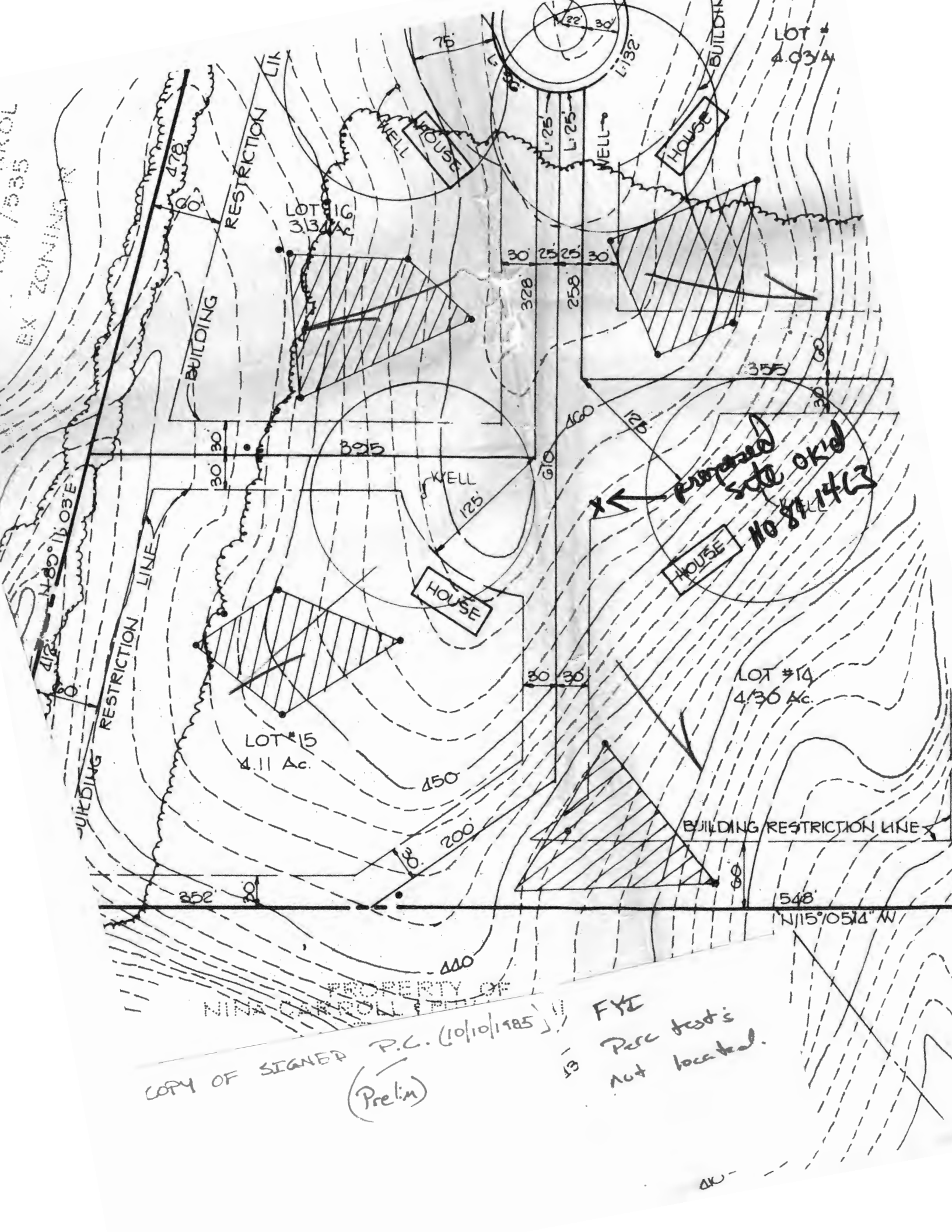
Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D +W up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

Approved: Rana Bevard Date: 10-8-19

EX ZONING N



COPY OF SIGNED P.C. (10/10/1985)
 (Prelim)

FYE
 Parc test's
 not located.

Wolf, Kevin

From: Wolf, Kevin
Sent: Monday, March 25, 2019 11:07 AM
To: 'Tony Fertitta'
Subject: 11079 Gaither Farm Road

Tony,
I've reviewed the well permit for the above referenced property. This lot of record has an existing approved SDA and an existing proposed well site. All of which are shown on the approved Preliminary Plan/Perc Cert plan signed 10/10/1985. The submitted well site exhibit shows 3 proposed well sites, none of which matches to the original approved well site per the signed 10/10/85 PC. Thus you will either need to

1. resubmit to us a new well exhibit showing this one well site per the approved PC plan from 10/10/85, in addition to a revised well survey certification. OR
2. you may elect to revise the approved 10/10/85 PC to match the new 3 proposed well sites.

If you choose option 1, you can add the 2 alternate well site locations on the OSDS plan.

Thanks,

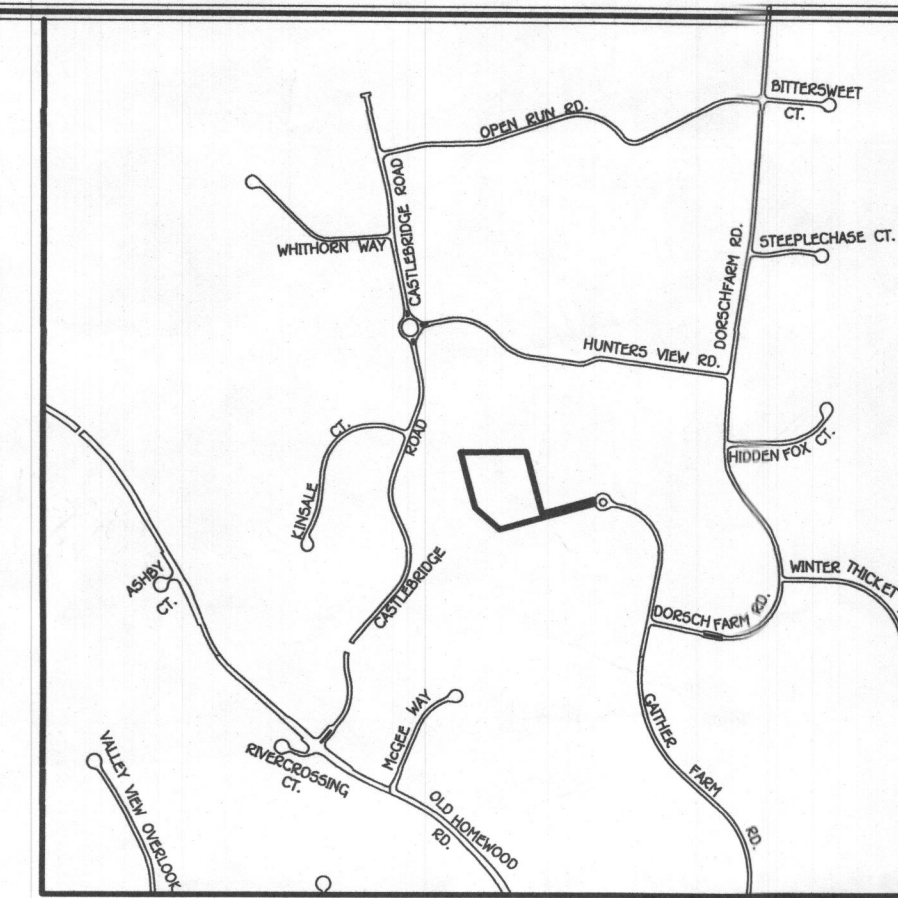
Kevin M. Wolf, LEHS, REHS/RS
Groundwater Mgmt. Sec. Supervisor
Well & Septic Program
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045
(o) 410-313-2645
(f) 410-313-2648



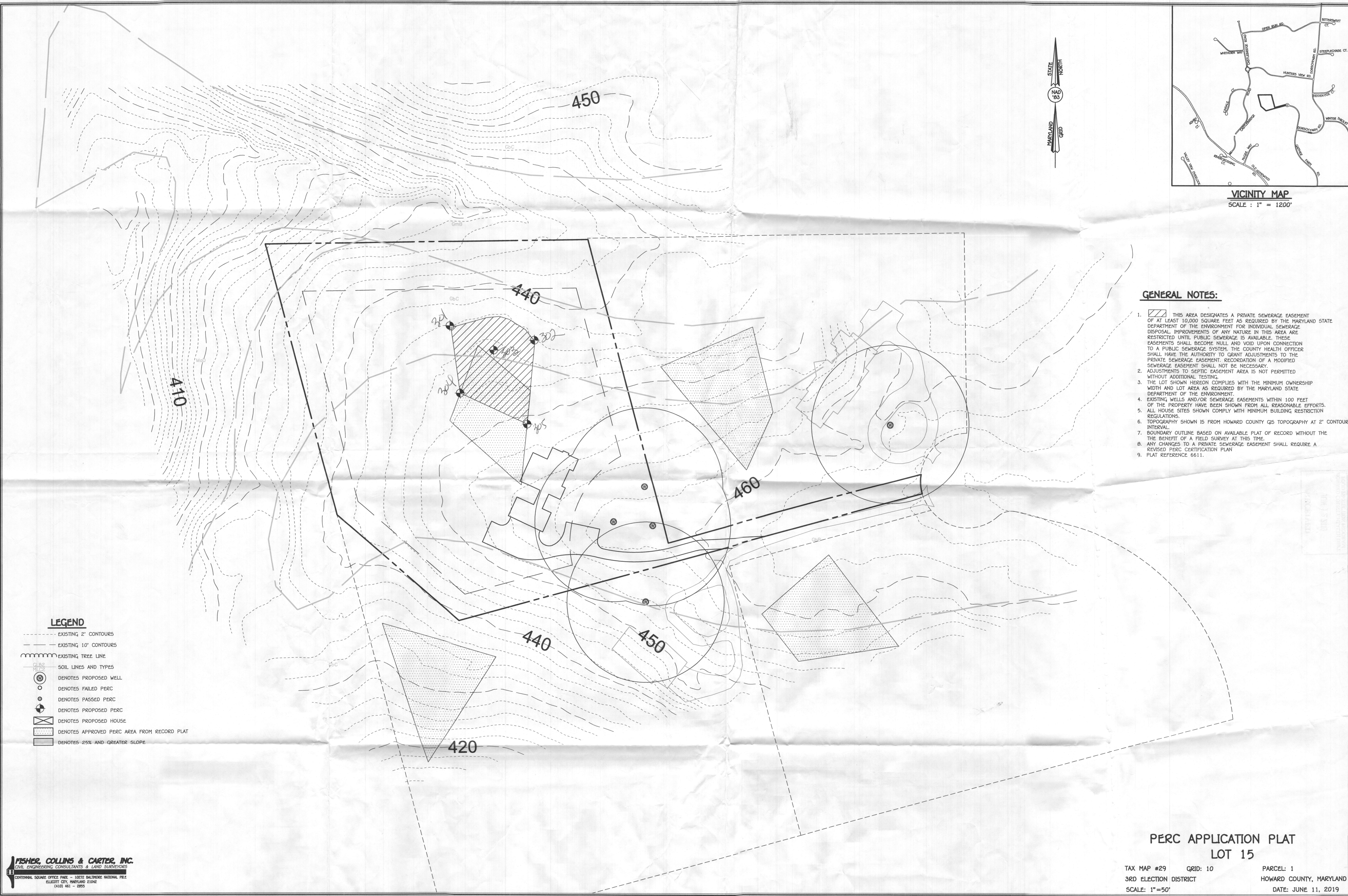
kwolf@howardcountymd.gov

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VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON AVAILABLE PLAT OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. PLAT REFERENCE 6611.

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED PERC
- DENOTES PROPOSED HOUSE
- ▨ DENOTES APPROVED PERC AREA FROM RECORD PLAT
- ▨ DENOTES -25% AND GREATER SLOPE

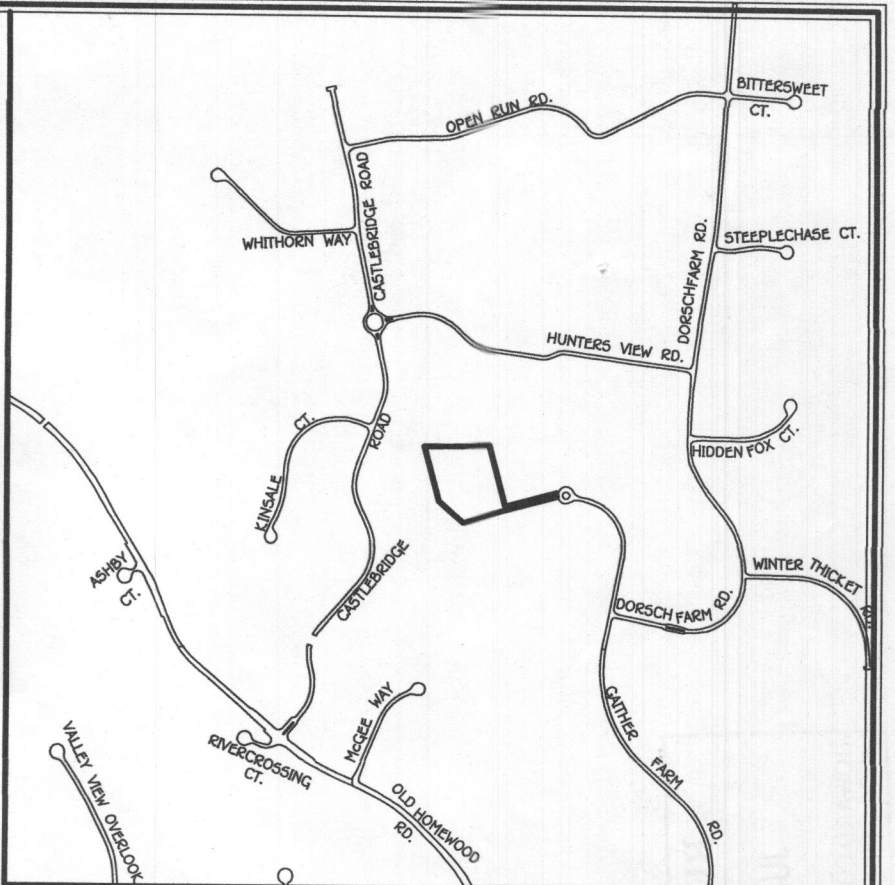
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CONTINENTAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2899

**PERC APPLICATION PLAT
LOT 15**

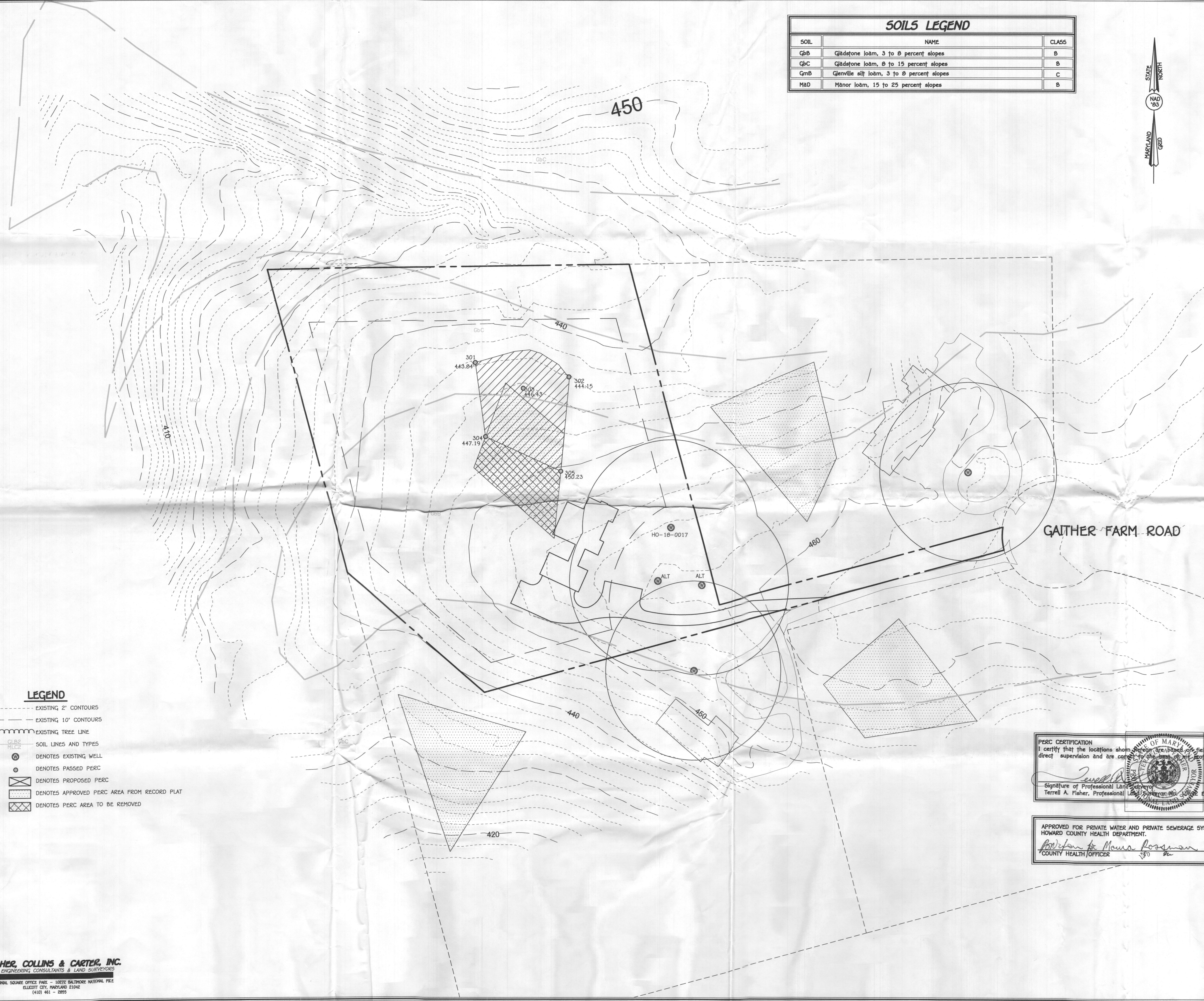
TAX MAP #29 GRID: 10 PARCEL: 1
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: JUNE 11, 2019

K:\SDSKPROJ\1507 GAUTHER FARM\dwg\1507-4 Perc App Lot 15 Gauther.dwg, Model, 1,50

SOILS LEGEND		
SOIL	NAME	CLASS
GbB	Gladstone loam, 3 to 8 percent slopes	B
GbC	Gladstone loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
MaD	Manor loam, 15 to 25 percent slopes	B



VICINITY MAP
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6. TOPOGRAPHY SHOWN IS FIELD RUN SURVEY BY FISHER COLLINS & CARTER, INC.
7. BOUNDARY OUTLINE BASED ON A FIELD SURVEY BY FISHER COLLINS & CARTER, INC.
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THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC AREA AND ADD 2 ALT WELL SITES

- LEGEND**
- - - - - EXISTING 2' CONTOURS
 - - - - - EXISTING 10' CONTOURS
 - EXISTING TREE LINE
 - SOIL LINES AND TYPES
 - W DENOTES EXISTING WELL
 - o DENOTES PASSED PERC
 - ▨ DENOTES PROPOSED PERC
 - ▩ DENOTES APPROVED PERC AREA FROM RECORD PLAT
 - ▧ DENOTES PERC AREA TO BE REMOVED

PERC CERTIFICATION
I certify that the locations shown herein are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

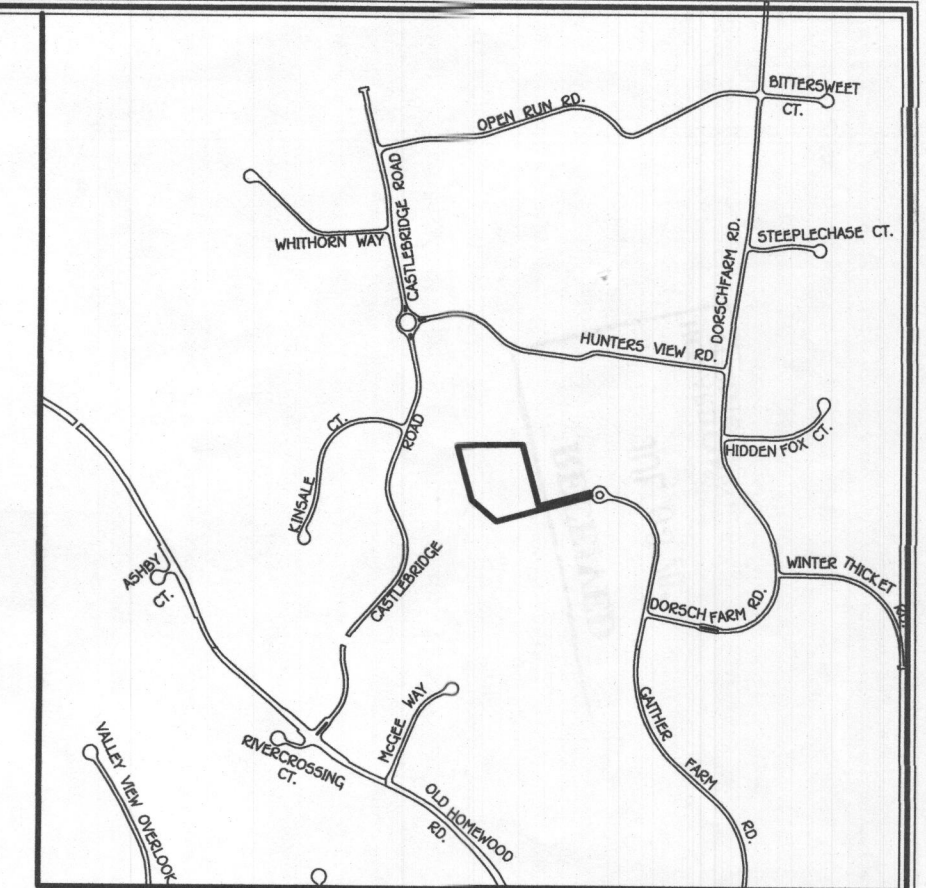
Signature of Professional Land Surveyor: *Terrell A. Fisher* Date: 7/3/19
Terrell A. Fisher, Professional Land Surveyor No. 10662 expires 12/13/19

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

Signature of County Health Officer: *Maura Rosman* Date: 7/16/2019
COUNTY HEALTH OFFICER

PERC CERTIFICATION PLAT
Gaither Farm LOT 15
TAX MAP #29 GRID: 10 PARCEL: 1
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: JULY 3, 2019

SOILS LEGEND		
SOIL	NAME	CLASS
GbB	Gladejone loam, 3 to 8 percent slopes	B
GbC	Gladejone loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
MAD	Manor loam, 15 to 25 percent slopes	B



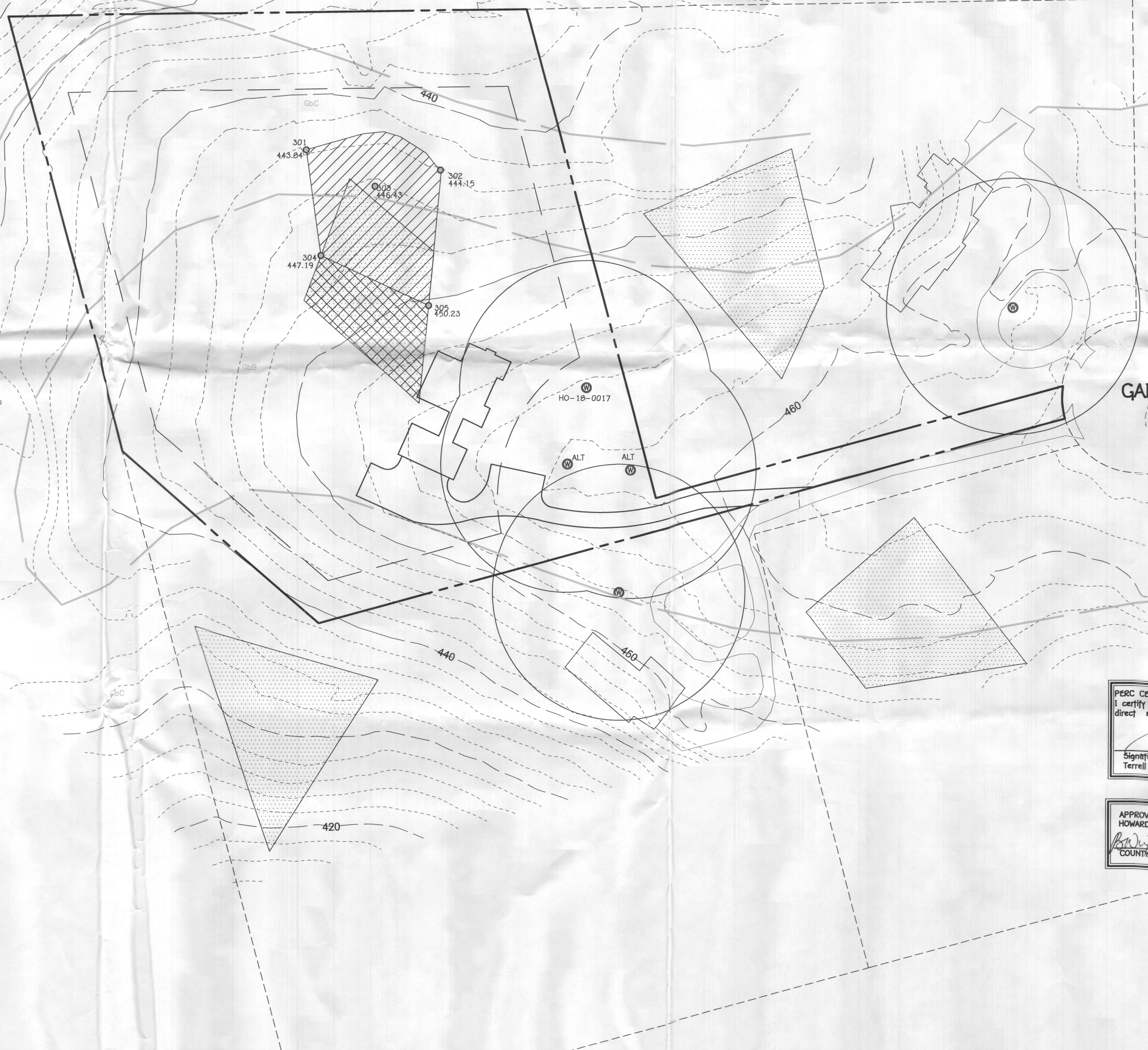
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 - DENOTES PASSED PERC
 - ⊗ DENOTES PROPOSED PERC
 - ▨ DENOTES APPROVED PERC AREA FROM RECORD PLAT
 - ⊠ DENOTES PERC AREA TO BE REMOVED



PERC CERTIFICATION
I certify that the locations shown herein are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor: Terrell A. Fisher, Professional Land Surveyor No. 10592 Expires 12/13/19
Date: 7/3/19

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

Signature of County Health Officer: [Signature]
DATE: 7/16/2019

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Gaither Farm LOT 15
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K:\GIS\PROJ\1807 GAITHER FARM\1807-4 Per App Lot 15 Gaither.dwg, Model, 7/20/19 10:36:48 AM, 1:50