



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ @P 523269

AGENCY REVIEW: _____ DATE 9/7/05

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4705 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) MRS. WILLIAM A. SCHULTE

DAYTIME PHONE 443-367-0422 CELL _____ FAX 443-367-0420

MAILING ADDRESS 5300 VORSEY HALL DR. ELLICOTT CITY, MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT LAND DESIGN & DEVELOPMENT LLC

DAYTIME PHONE 443-367-0422 CELL _____ FAX 443-367-0420

MAILING ADDRESS 5300 VORSEY HALL DR #102 ELLICOTT CITY, MD 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME SCHULTE PROPERTY NORTH SIDE LOT NO. 10

PROPERTY ADDRESS 15320 OLD FREDERICK RD WOODBINE MD 21797
STREET AT MORGAN STATION ROAD TOWN/POST OFFICE

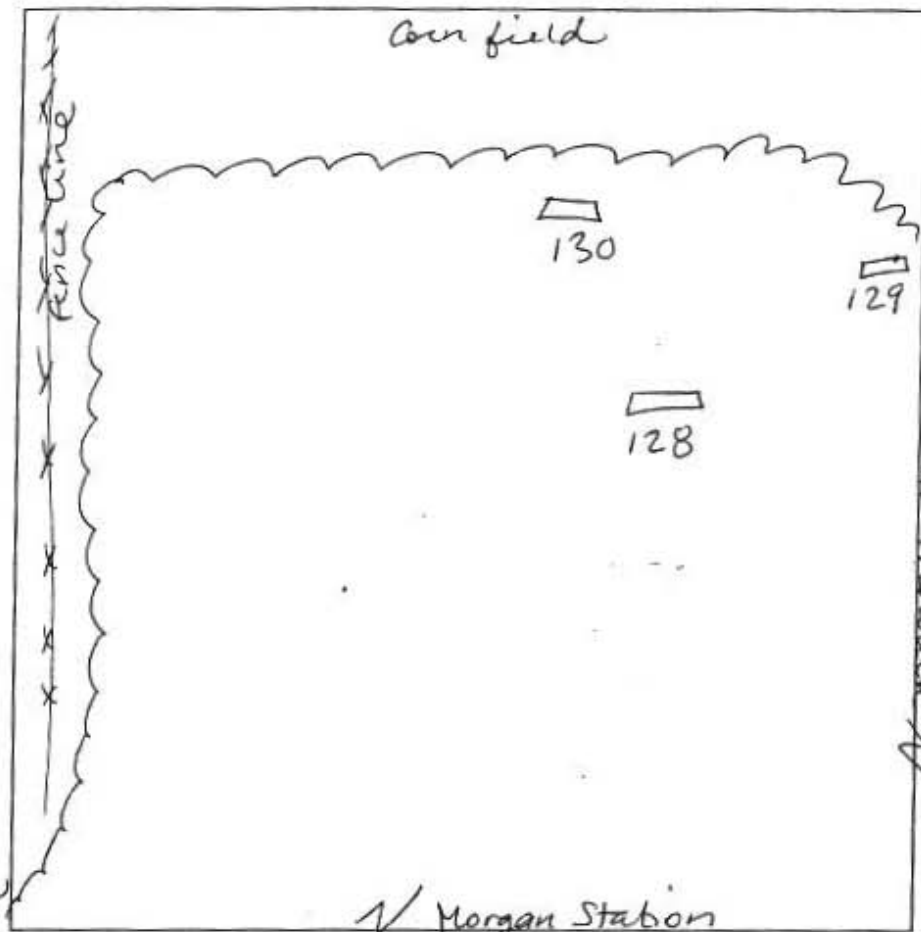
TAX MAP PAGE(S) 8 GRID 223 PARCEL(S) 8217 PROPOSED LOT SIZE 40,500 sq ft

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP lot 9



128
 9" gray brown L sbk roots
 2' reddish yellow sil sbk
 2' reddish yellow dense sil
 3' yellow sil sg
 10% chert/channery gravel throughout profile

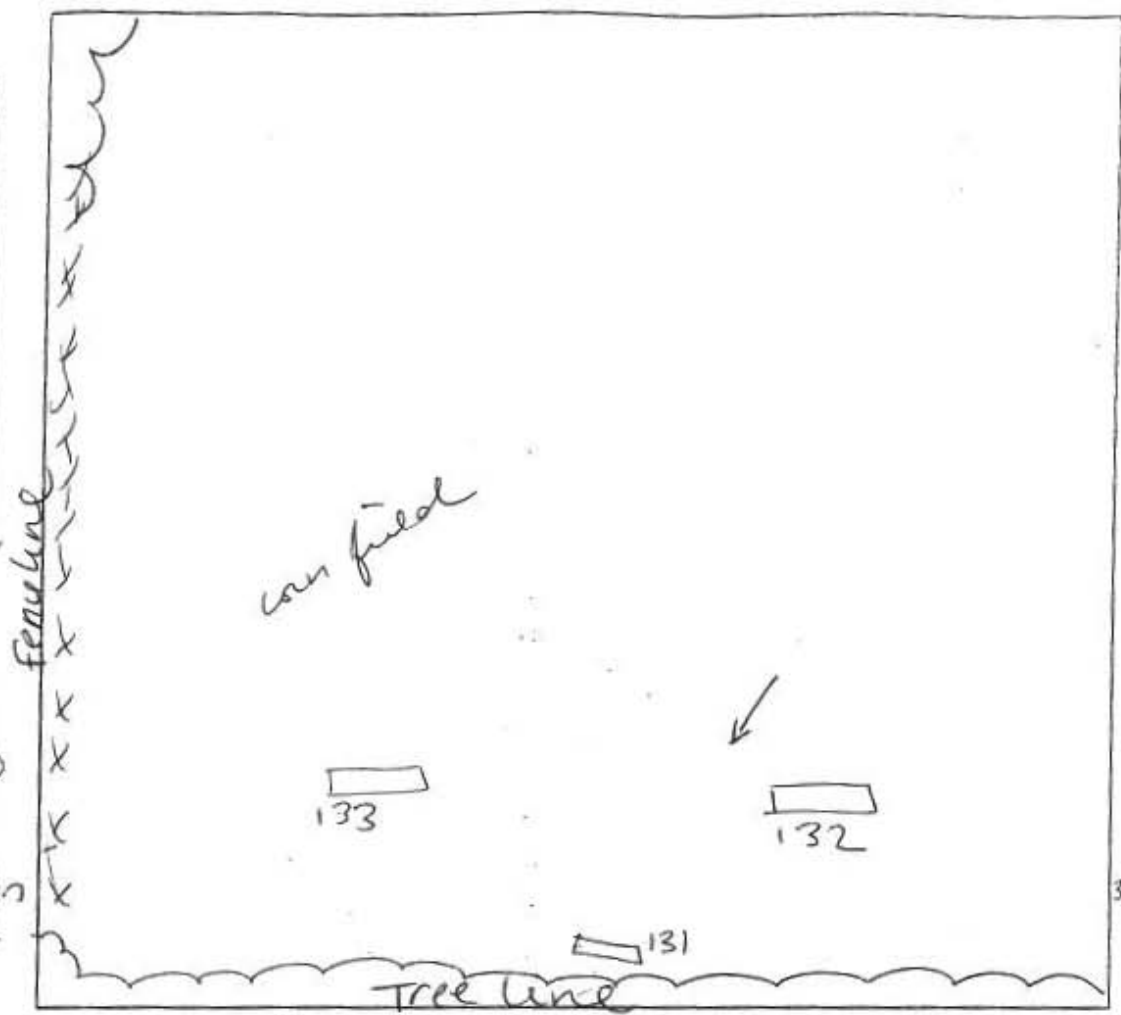
129
 brown L
 2'4" reddish yellow sil
 3'6" yellow dense sil
 pink sil sg compact in ground 5% gravel

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
11/30/05	128	5' / 12'	11:01	11:03	11:07	4	P
	130	5' / 12'	11:10	11:13	11:20	7	P
	129	4'8" / 11'	3:44	3:48	3:55	7	P

130
 1' gray brown L roots
 2' light red brown sil sbk
 2' reddish yellow dense sil
 2'7" yellow sil sg well compacted in ground 10% chert/gravel

REMARKS Holes staked by surveyors and dug per plan
 SANITARIAN SF BACKHOE M. Johnson (AEE) OTHERS R. Webster
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 6 SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Lot 10



133
 brown L
 red yellow sil
 m
 4'5" yellow brown sil/dense sil
 6'6" pink sil
 5% gravel
 11'5"

131
 gray brown L
 sil roots
 brownish yellow sil
 sil sil/m
 5% gravel
 3'5" brownish yellow sil
 well compacted in ground
 5% gravel
 6' yellow (pale) pink sil
 5% gravel/cobbles
 11'5" cw

132
 brown L
 red yellow sil
 2-5% gravel
 3' pink sil
 5-7% channel gravel
 13'

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/27/05	133	4'5" / 11'5"	11:40	11:59 ⁵⁷	12:28	29	P
	132	4'2" / 13'	1:06 ⁵⁴	1:11 ²¹	1:19	8	P
	131	6'2" / 11'5"	11:21	11:34	11:53	19	P

REMARKS: Holes staked by surveyor per plan and dug per plan
 SANITARIAN: SF BACKHOE: M. Johnson (AEC) OTHERS: _____
 TEST HOLES USED IN SDA: _____ AVG. PERC TIME: 19 SQ. FT./BR: _____
 TRENCH WIDTH: _____ INLET DEPTH: _____ MAX. BOT DEPTH: _____ EFFECTIVE S/W: _____

Per Cert Signed
7/2/15



MORGAN STATION ROAD
(MINOR COLLECTOR)

OLD FRED
(MAJOR)

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, December 27, 2017 8:03 AM
To: 'Tony Fertitta'
Subject: Fairlane Farms_Lot 10
Attachments: OSDS Design Plan Requirements_Updated 5.31.17.pdf

Hi Tony:

Let me start over. I just realized that you are not showing the test holes (pass or fail) with the corresponding numbers on the OSDS Plans. In addition, the required notes aren't on the plan. Please see attachment for plan requirements.

On this particular plan (Lot 10), the inverts out of the cleanout and into the tank are the same. Also, the sidewall calculation is still showing a 2 when it should be a 2.5.

Let me know if you have any questions.

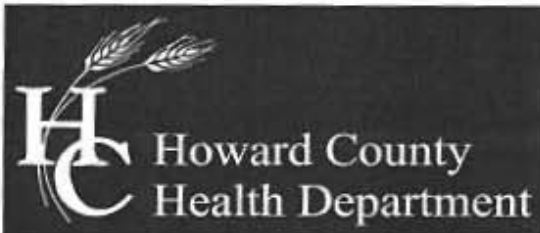
Thanks,

Hank

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

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Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

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

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

December 13, 2017

Fisher, Collins and Carter
Centennial Square Office Park
10272 Baltimore National Pike
Ellicott City, MD 21042

Sent via email to: tonyf@fcc-eng.com

RE: **OSDS Plan**
15324 Galaxy Drive

Hi Tony:

The following comments pertain to the review of the OSDS Plan for 15324 Galaxy Drive:

- 12/27/17
- ✓ 1.) Change well note on top of plan to read correct well tag number HO-15-0345
 - ✗ 2.) The grade between cleanout invert (out) and septic tank invert (in) is less than 1 % (not 2 %). Increase grade to at least 2 % (if possible).
 - ✓ 3.) The sidewall credit for initial system should be 2.5 (not 2) in calculation. The trench lengths should be 86.87 (not 86.75)
 - ✓ 4.) Application rate for 1st and 2nd replacement system should be 0.6 (not 0.8)
 - ✓ 5.) Align trench data with trench detail. Note: trench invert should not exceed 4 feet.
 - ✓ 6.) Match septic profile FFE (606.82) with plan FFE (606.34).

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

Respectfully,

Hank Oswald

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

**FISHER, COLLINS
& CARTER, INC.**

CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.
Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Transmittal

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21046-4544	Attn: Hank Oswald Fax: Phone: 410-313-2640
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From: Dave Harward (for Tony)	CC:
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Re: Fairlane Farms, Lot 10	W.O.# 05106-3003
Date: April 65, 2018	Pages: 0 Page(s) Including this cover

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input checked="" type="checkbox"/> For Review & Comment

Remarks:

Re: Fairlane Farm, Lot 10

Provide here is a Revised Perc. Cert. Plan for Lot 10, for your approval. We have 2 prints and 1 mylar for your approval.

Thank You Hank,

Dave.

Fisher, Collins, & Carter, Inc. Ph. 410-461-2855

CONFIDENTIALITY NOTICE

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

MEMORANDUM

TO: Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, MD 21042

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

RE: Fairlane Farms, Lot 10

Date: April 9, 2018

The amended perc cert plan for Westland Farm Estates, Lot 10 has been reviewed with the following comments:

- 1.) Eliminate notes 6 & 10 from plan.
- 2.) Per SDAT, this is P.8, G.2. Eliminate P.17 & G.3.
- 3.) Add address.

Oswald, Hank

From: Oswald, Hank
Sent: Monday, April 09, 2018 7:44 AM
To: Dave Harward, III (DaveH@fcc-eng.com)
Subject: Perc Cert_15324 Galaxy Drive_Lot 10
Attachments: PERC CERT Memo To FCC__2018.pdf

Hi Dave:

Good morning. Please see memo for comments pertaining to the review of 15324 Galaxy Drive. I could try redlining comments and forward for signature. Please let me know.

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

Respectfully,

Hank

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

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**FISHER, COLLINS
& CARTER, INC.**

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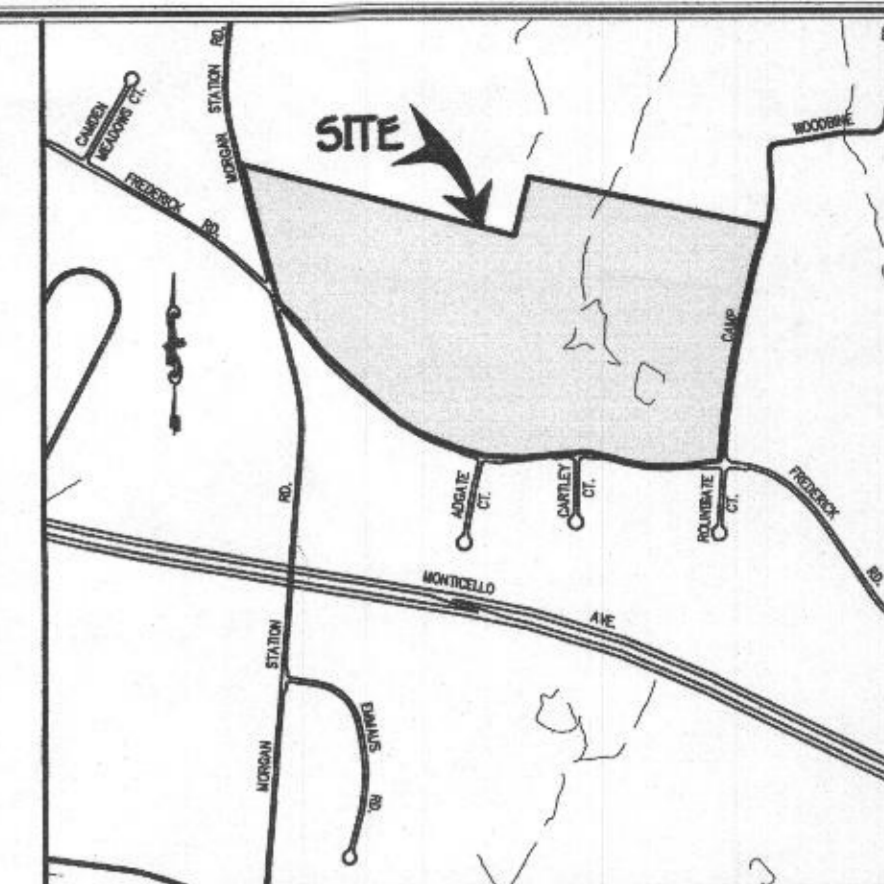
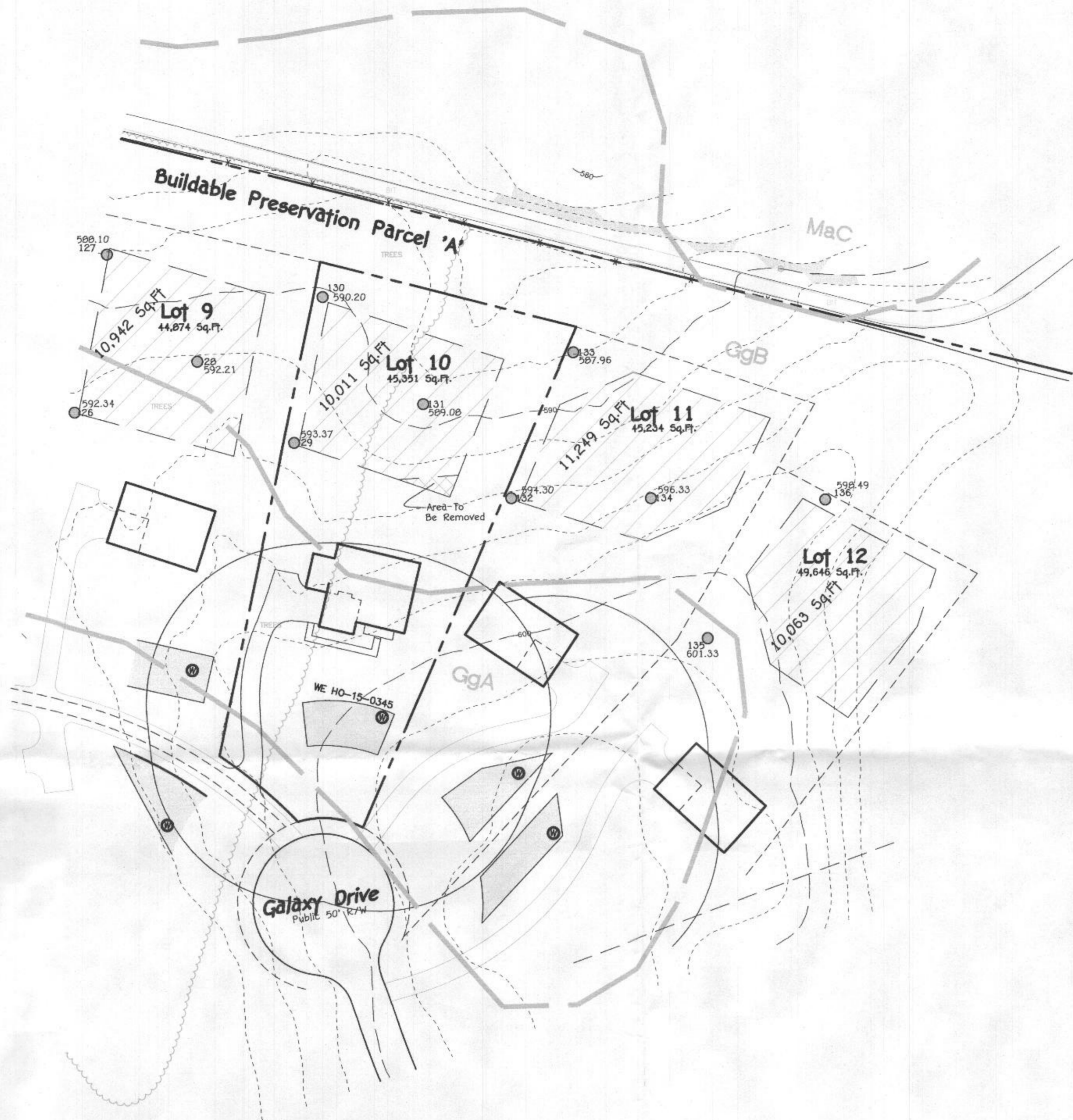
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LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- MIC3 SOIL LINES AND TYPES
- MIB2 DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE : 1" = 1200'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE. 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 THE BEST AVAILABLE INFORMATION.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. TOPOGRAPHY SHOWN IS FROM HARFORD AERIAL CONTOUR MAPPING PLOWN ON JANUARY, 2006 WITH FIELD SURVEYED VERIFICATION ON VERTICAL ELEVATIONS ON PERC TEST LOCATIONS.
8. BOUNDARY IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT APRIL 4, 2013 BY FISHER, COLLINS AND CARTER, INC.
9. DEED REFERENCE LIBER 305 FOLIO 193 AND LIBER 352 FOLIO 176.
10. GROUND WATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO HEALTH APPROVAL OF WELL PERMITS.
11. THE WELL HO-15-0345 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

SOILS LEGEND

SOIL	NAME	CLASS
GgA	Glenelg loam, 0 to 3 percent slopes	B
GgB	Glenelg loam, 3 to 8 percent slopes	B
MaC	Manor loam, 8 to 15 percent slopes	B

SOIL TYPES TAKEN FROM MAP 19 OF THE SOIL SURVEY OF HOWARD COUNTY, MARYLAND FOUND ON THE HSCD WEBSITE.

PERC CERTIFICATION
I certify that the locations shown 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*
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/19
Date: 4/4/18

THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC EASEMENT ON LOT 10

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

COUNTY HEALTH OFFICER _____ DATE _____

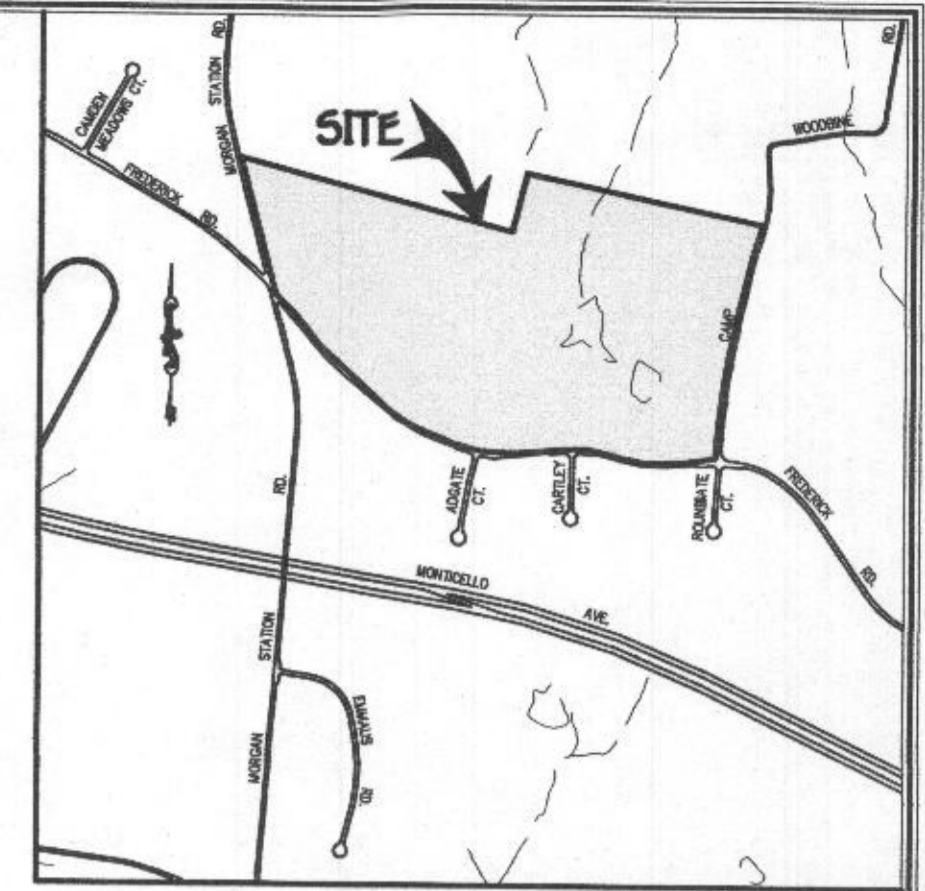
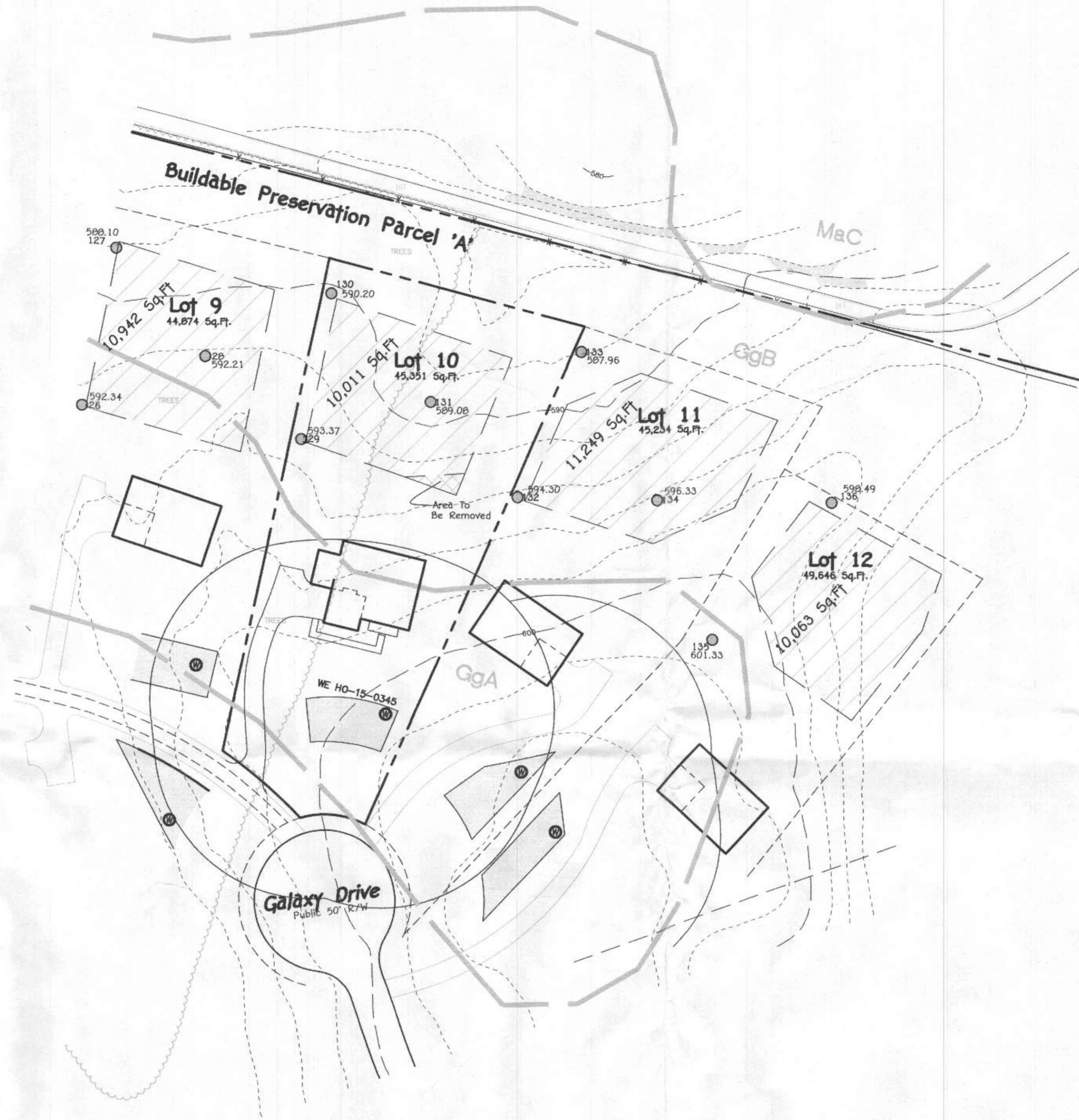
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2000

**PERC RECERTIFICATION PLAT
FAIRLANE FARMS
LOTS 10**

TAX MAP #8 PARCELS: 8 & 17 GRIDS: 2 AND 3-
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' ZONING: RC-DEO DATE: APRIL 4, 2018 A#523269

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- MIC3 SOIL LINES AND TYPES
- MIB2 SOIL LINES AND TYPES
- PER DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 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.
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7. BOUNDARY IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT APRIL 4, 2013 BY FISHER, COLLINS AND CARTER, INC.
8. DEED REFERENCE LIBER 389 FOLIO 193 AND LIBER 352 FOLIO 176.
9. THE WELL HO-15-0345 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

SOILS LEGEND

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GgA	Glenelg loam, 0 to 3 percent slopes	B
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SOIL TYPES TAKEN FROM MAP 19 OF THE SOIL SURVEY OF HOWARD COUNTY, MARYLAND FOUND ON THE HSCD WEBSITE.

PERC CERTIFICATION
I certify that the location of the proposed septic system is based on field locations done under my direct supervision and the accuracy of the same is based on my professional knowledge and belief.

Signature of Professional Engineer: Terrell A. Fisher, Professional Engineer No. 0692 Expires 12/13/19 Date: 4/10/18

THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC EASEMENT ON LOT 10

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

Signature for Mauna Rossman Date: 4/13/2018

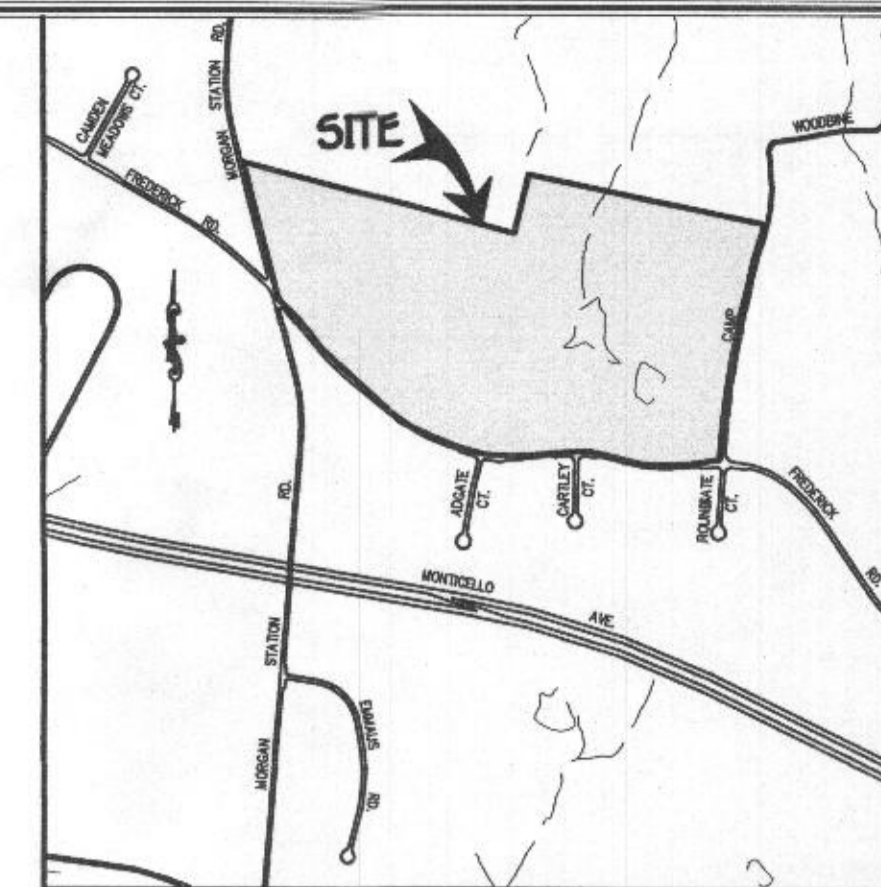
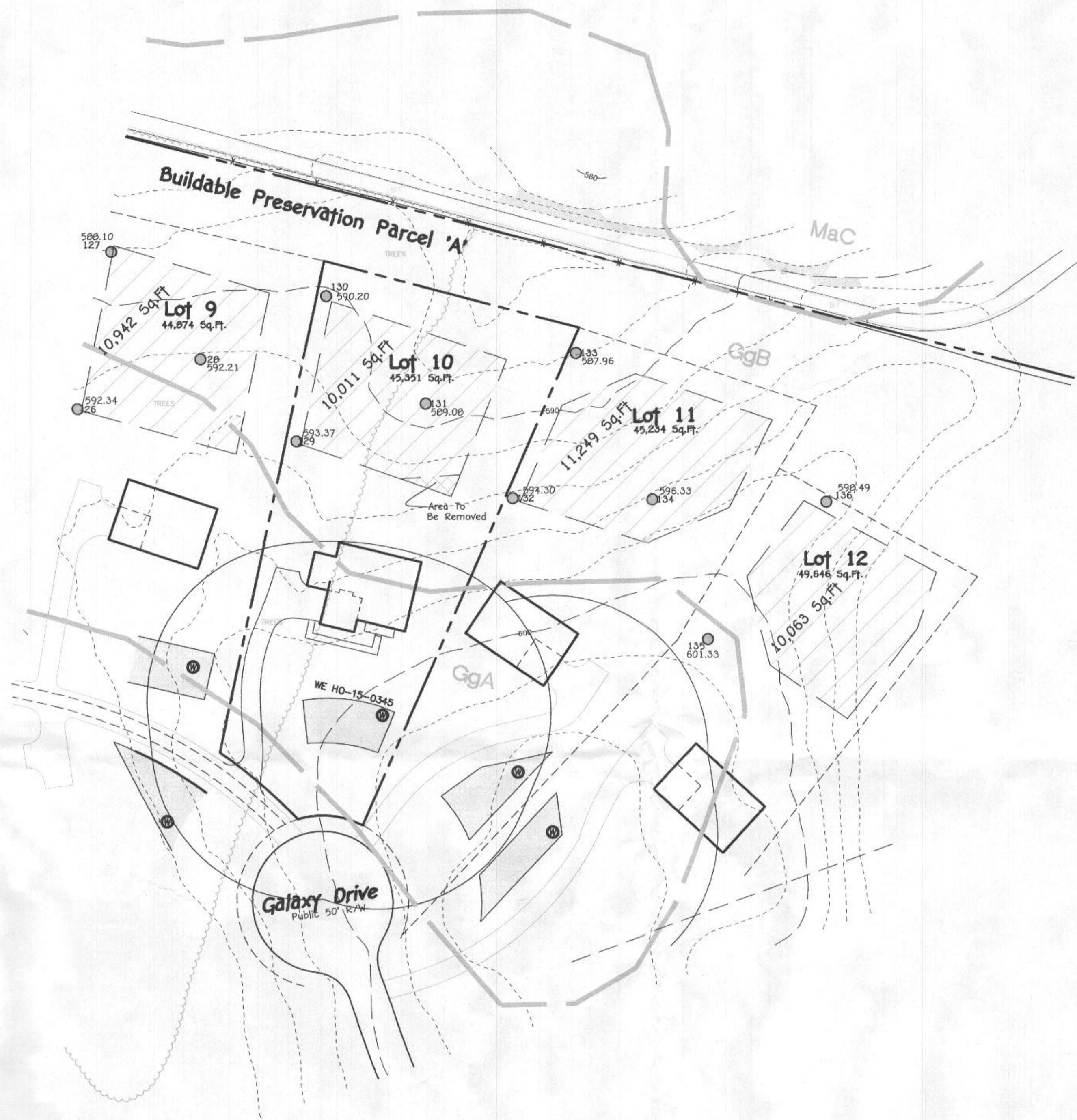
**PERC RECERTIFICATION PLAT
FAIRLANE FARMS
LOTS 10**

15324 GALAXY DRIVE

TAX MAP #8 PARCEL: 8 GRID: 2
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' ZONING: RC-DEO DATE: APRIL 10, 2018 A#523269

LEGEND

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Signature of Professional Engineer: *Terrill A. Fisher*
TERRILL A. FISHER, Professional Engineer, License No. 0692 Expires 12/13/19
Date: 4/10/18

THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC EASEMENT ON LOT 10

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

Signature for Monica Rossman
COUNTY HEALTH OFFICER
Date: 4/13/2018

**PERC RECERTIFICATION PLAT
FAIRLANE FARMS
LOTS 10
15324 GALAXY DRIVE**

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