

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, April 29, 2021 10:11 AM
To: Tony Fertitta (tonyf@fcc-eng.com); dcarter@bhbcmd.com
Subject: PC_12263 Blue Shy Evening Way_Floor Plan_Lot 6
Attachments: [Untitled].pdf

Hello All:

Perc Cert:

There was discussion back in March between Mr. Carter and my supervisor Jeff Williams. Please see attachments. We cannot approve the perc cert plan as shown.

Floor Plan:

The floor plan shows 2 rooms with 42 inch cased openings with a door. To make them a non-bedroom by local code, the opening needs to be 4 foot wide cased opening without a door into each room.

Let me know if you have any question.

Thanks,

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
hoswald@howardcountymd.gov

Oswald, Hank

From: Oswald, Hank
Sent: Monday, May 3, 2021 8:44 AM
To: Donald Carter
Cc: Tony Fertitta (tonyf@fcc-eng.com)
Subject: RE: PC_12263 Blue Shy Evening Way_Floor Plan_Lot 6

Hi Donald:

The waiver request was approved. However, the PC plan needs a few minor revision.

- 1.) Add # to contour lines.
- 2.) Add total sq. ft. to SDA.
- 3.) Add elevation #'s next to each perc test hole.

Let me know if you have any questions.

Thanks,

Hank

From: Donald Carter <dcarter@bhbcmd.com>
Sent: Thursday, April 29, 2021 11:27 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: Tony Fertitta (tonyf@fcc-eng.com) <tonyf@fcc-eng.com>
Subject: Re: PC_12263 Blue Shy Evening Way_Floor Plan_Lot 6

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

Hi Hank,

Thanks for the update. Regarding the perc/septic design approval. I assume that you are talking about Fulton Woods Lot 6, Building Permit B2100796. The plan submitted should have included the attached letter. Please let me know if you have any other questions.

With Much Respect,

Donald Carter
BHBC
443-681-2400

On Thu, Apr 29, 2021 at 10:10 AM Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Hello All:

Perc Cert:

There was discussion back in March between Mr. Carter and my supervisor Jeff Williams. Please see attachments. We cannot approve the perc cert plan as shown.

Floor Plan:

The floor plan shows 2 rooms with 42 inch cased openings with a door. To make them a non-bedroom by local code, the opening needs to be 4 foot wide cased opening without a door into each room.

Let me know if you have any question.

Thanks,

Hank

Hank Oswald, L.E.H.S.

Howard County Health Department

Bureau of Environmental Health

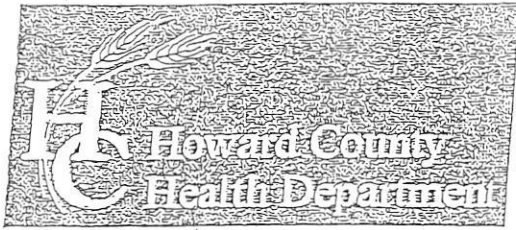
Well & Septic Program

8930 Stanford Boulevard

Columbia, MD 21045

(410) 313 - 1786

hoswald@howardcountymd.gov



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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 12263 Scaggsville Road

Subdivision: Fulton Woods Lot: 6

28 30A
 1st Initial system: Application rate: 0.8 Effective area beginning depth: 5.5 Bottom maximum depth: 8
 28 30A
 1st Replacement: Application rate: 0.8 Effective area beginning depth: 5.5 Bottom maximum depth: 8
 30A
 2nd Replacement: Application rate: 0.6 Effective area beginning depth: 4 Bottom maximum depth: 6.5

Design Flow = 150 gallons per day per bedroom * 4-Bedroom Limitation

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:

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

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:

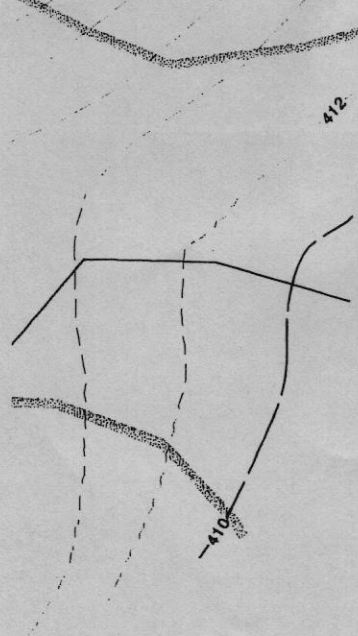
Approved: R. Bricker Date: 8/15/18

30a @ 4 11:25 11:34 11:55
 (2/min)
 brn loam q.s.g. 4'
 red L 5' compact
 tan L 7' sg.
 blue stone ls spl sl
 Bottom uneven 9'-10 1/2'

P 28 @ 5' 11:38 - TOO SLOW
 WILL GO @ 5 1/2'
 Est 10min-15min.
 brn sbk cl 14"
 org cl massive 4'
 LOAM TRANS ZONE 5'-6'
 org brn, brn white, micae Root overall 25% v. loose
 Bottom 12'

P 22 @ 4 1/2' 11:46 11:48 11:52
 (5min)
 Stru brn. wk org brn 2' Stru D
 s.g. w.c. L.S.
 Stru yellow sm frags 20-25%
 Bottom 13'

10. THE MONITORING WELL LOCATIONS WILL BE STAKED IN THE FIELD PRIOR TO SEPTIC SYSTEM INSTALLATION.



NOTE :

LOTS 3 AND 6 ON THIS PLAN HAVE A LIMITATION OF 4 BEDROOMS UNLESS AN EXHIBIT PRESENTED BY A CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE SEPTIC EASEMENT WILL ACCOMODATE 3 DRAINFIELDS FOR A RESIDENCE HAVING MORE THAN 4 BEDROOMS.

LOTS 4 AND 5 ON THIS PLAN HAVE A LIMITATION OF 5 BEDROOMS UNLESS AN EXHIBIT PRESENTED BY A CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE SEPTIC EASEMENT WILL ACCOMODATE 3 DRAINFIELDS FOR A RESIDENCE HAVING MORE THAN 5 BEDROOMS.

PARCEL "A" ON THIS PLAN MAYBE DEVELOPED INITIALLY WITH A 4 BEDROOM SFD, FOR EVENTUAL REPAIR THE AREA DESIGNATED FOR A SAND MOUND AND THE AREA DESIGNATED FOR SUBSURFACE TRENCH REPAIR WILL EACH ACCOMODATE A DISTRIBUTION SYSTEM LARGE ENOUGH FOR A 5 BEDROOM SFD.



REVISED - 8/18/2010

PERCOLATION CERTIFICATION PLAT

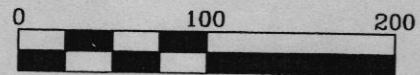
ERIC CONN PROPERTY
(AKA DEBORAH C. WILSON PROPERTY)

A RESUBDIVISION OF LOT # 2
LOTS 3 THRU 6, BUILDABLE PRESERVATION PARCEL "A" AND NON BUILDABLE PARCEL "B"
TAX MAP 41 GRID 13
HOWARD COUNTY, MARYLAND

PREPARED BY :

**American Land Development
and Engineering, Inc.**

10749 BIRMINGHAM WAY WOODSTOCK, MD. 21163
TEL. (410) 465-7903 FAX. (410) 465-3845



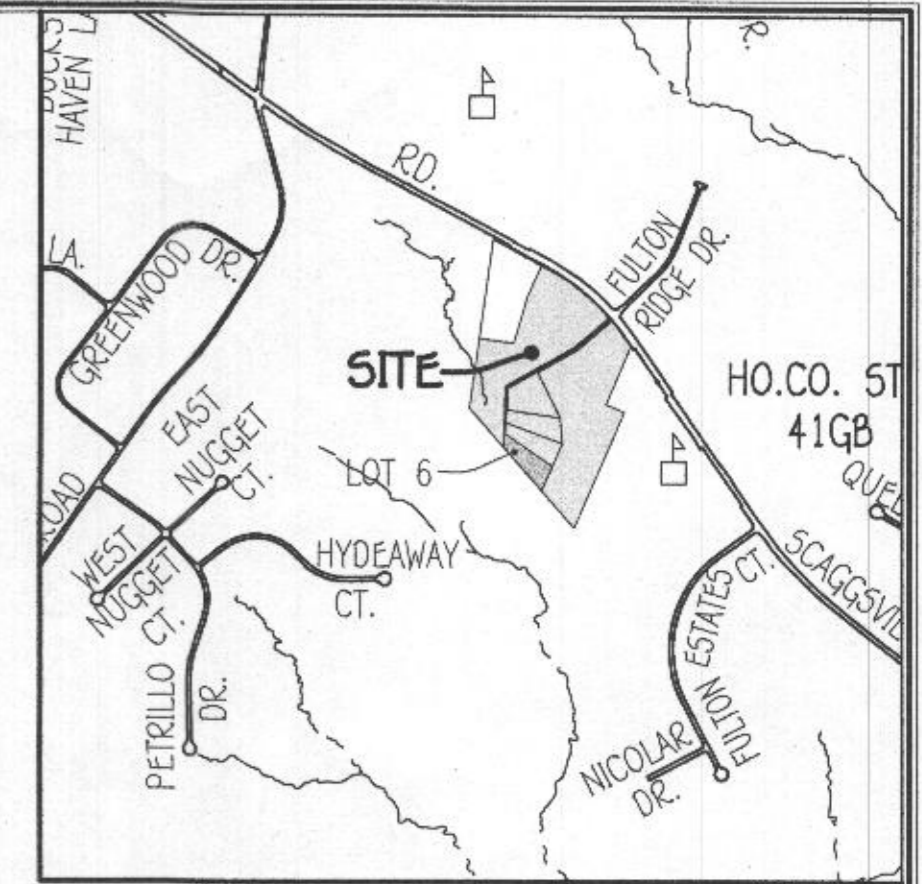
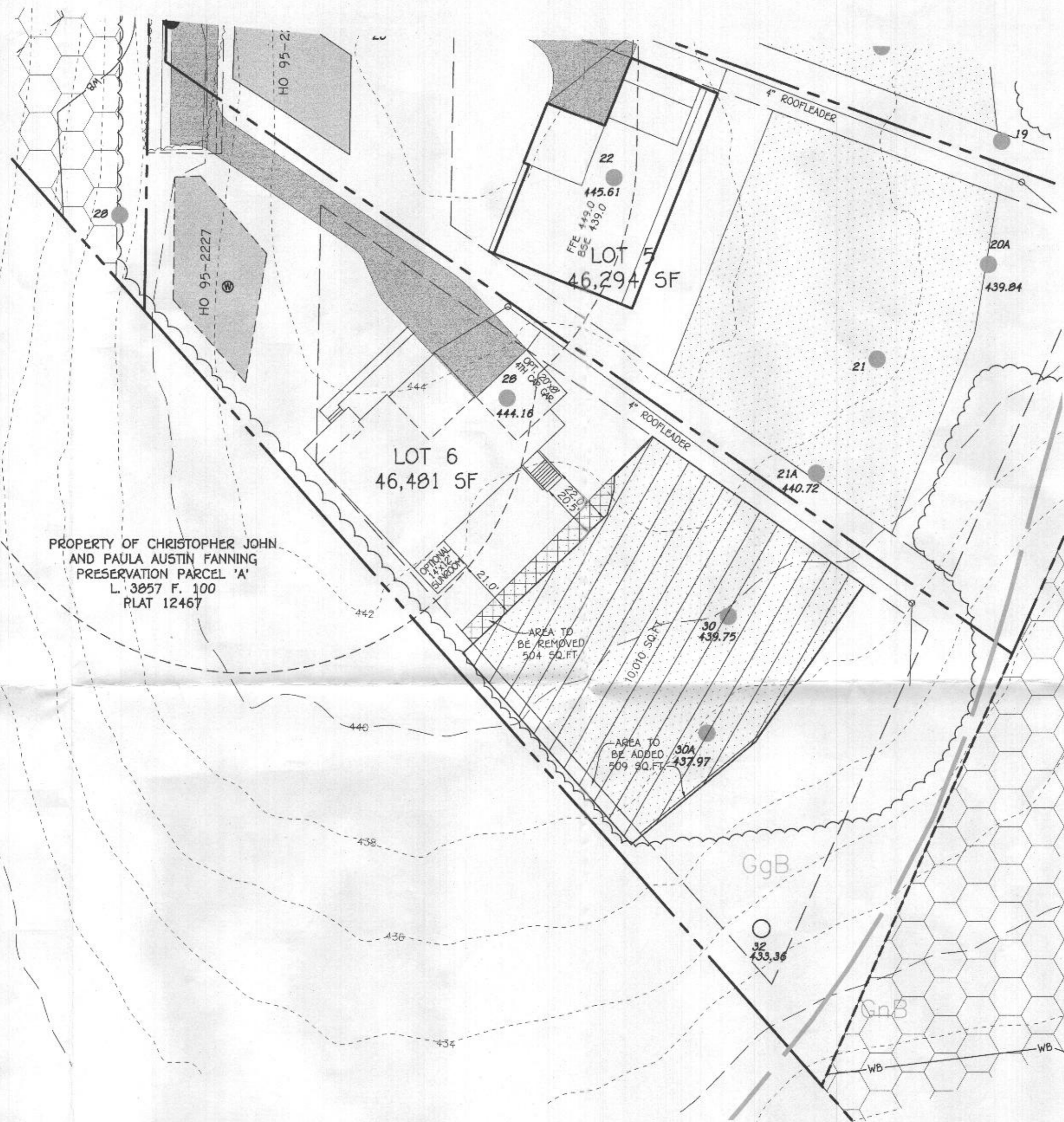
SCALE : 1" = 100'

DATE : MAY, 2010

SHEET 1 OF 1

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2
MLC2 SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ▭ DENOTES PROPOSED HOUSE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- ▨ DENOTES AREA TO BE REMOVED
- ▩ DENOTES PREVIOUSLY APPROVED PERC AREA



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. BOUNDARY SHOWN HEREON IS BASED ON BOUNDARY SURVEY CONDUCTED BY JACK C. MELLEMA SR, INC. IN MARCH 2005.
7. TOPOGRAPHY SHOWN HEREON IS FIELD RUN SURVEY CONDUCTED BY FISHER, COLLINS & CARTER, INC. IN AUGUST 2010 AND SUPPLEMENTED WITH HOWARD COUNTY GIS TOPOGRAPHY.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
9. PLAT REFERENCE 23206.

THE PURPOSE OF THIS REVISED PERC CERT IS TO RECONFIGURE THE SEPTIC AREA TO GIVE ROOM FOR THE SUNROOM AND BASEMENT STEPS

PERC 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.

Mark L. Robel
Signature of Property line Surveyor
MARK L. ROBEL, Property Line Surveyor No. 339 Expires 10/04/22

5/03/21
Date

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenelig loam, 3 to 8 percent slopes	B
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
Soil Map Number: 23 (Clarkville, SE)		

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

Mark L. Robel
COUNTY HEALTH OFFICER

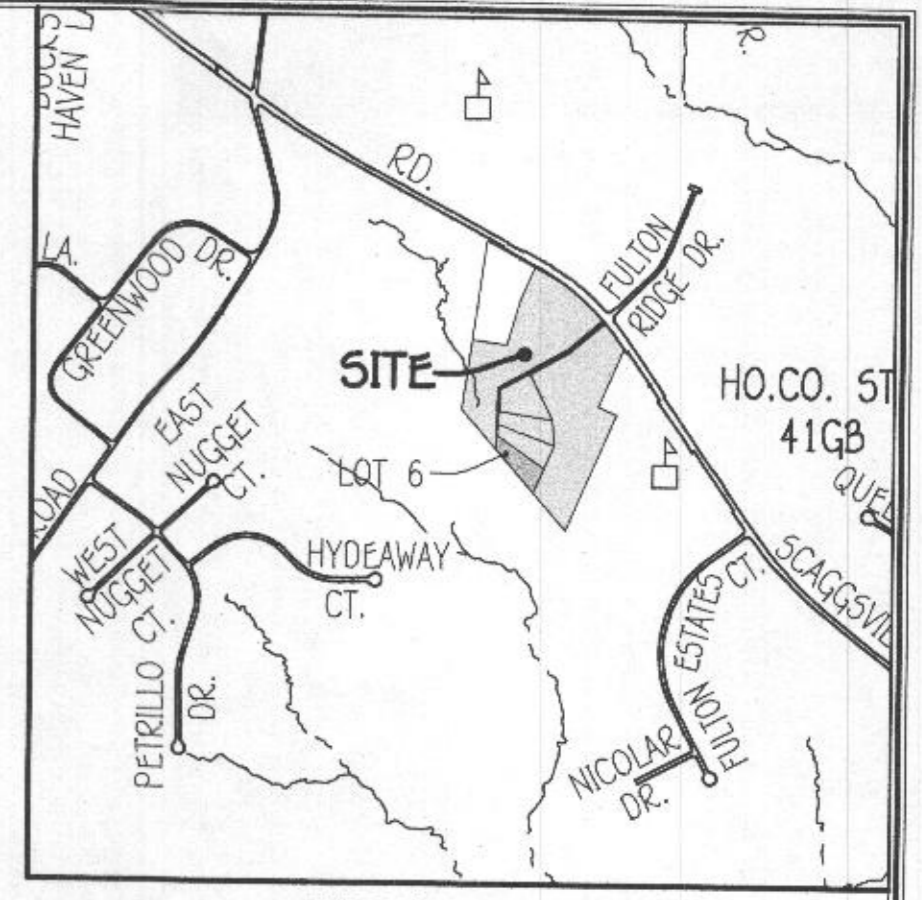
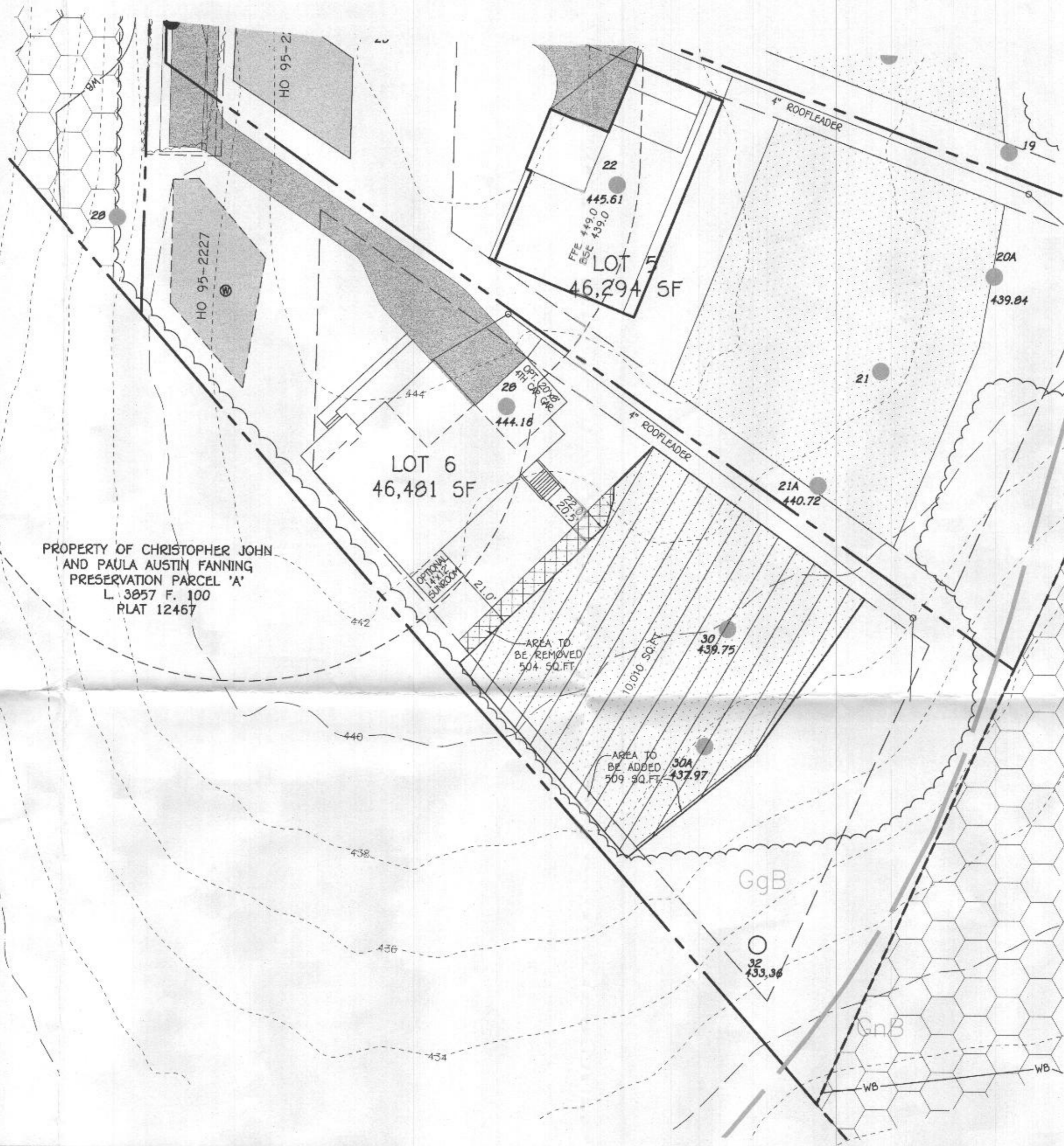
5/11/21
DATE

**PERC RECERTIFICATION PLAT
FULTON WOODS
LOT 6
12263 BLUE SKY EVENING WAY
ZONED RR-DEO**

TAX MAP No. 41 GRID No. 13 PARCEL No. 199
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: May 3, 2021

LEGEND

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~~~~~ EXISTING TREE LINE
- CL B2
HL C2 SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- ▨ DENOTES AREA TO BE REMOVED
- ▤ DENOTES PREVIOUSLY APPROVED PERC AREA



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. BOUNDARY SHOWN HEREON IS BASED ON BOUNDARY SURVEY CONDUCTED BY JACK C. MELLEMA SR, INC. IN MARCH 2005.
7. TOPOGRAPHY SHOWN HEREON IS FIELD RUN SURVEY CONDUCTED BY FISHER, COLLINS & CARTER, INC. IN AUGUST 2018 AND SUPPLEMENTED WITH HOWARD COUNTY GIS TOPOGRAPHY.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. PLAT REFERENCE 23206.

THE PURPOSE OF THIS REVISED PERC CERT IS TO RECONFIGURE THE SEPTIC AREA TO GIVE ROOM FOR THE SUNROOM AND BASEMENT STEPS

PERC CERTIFICATION

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

Mark L. Robel
Signature of Property line Surveyor
MARK L. ROBEL, Property line Surveyor No. 339 Expires 10/04/22

5/03/21
Date

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

W.O. Quinn
COUNTY HEALTH OFFICER

5/11/21
DATE

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenely loam, 3 to 8 percent slopes	B
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C

Soil Map Number: 23 (Clarksville, SE)

PERC RECERTIFICATION PLAT
FULTON WOODS
LOT 6
12263 BLUE SKY EVENING WAY
ZONED RR-DEO

TAX MAP No. 41 GRID No. 13 PARCEL No. 199

FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: May 3, 2021

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461 - 2895