



**Howard County
Health Department**

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

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

RECEIPT DATE: 3/18/25 **ONSITE SEWAGE DISPOSAL SYSTEM** P 587991

APPROVAL DATE: _____ **PERMIT: NEW CONSTRUCTION** A _____

PROPERTY ADDRESS: 8229 White Pine Court

SUBDIVISION: Fulton Hill LOT: 6 TAX ID: 05-603731

CONTRACTOR: Hatfields Equipment EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: P.O. Box 519 Annapolis Junction, MD 20701 PHONE: 301-490-4289

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: Syed Umran Aghruf EMAIL: _____

OWNER ADDRESS: 5005 Taylor Lane, Ellicott City, MD 21043 PHONE: 410-299-0429

BAT UNIT MODEL: Norweco 750 PUMP SIZE: _____ PUMP TANK CAPACITY: _____

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 3/26/25 DATE RECORDED: 3/26/25

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>104.17</u>	INLET DEPTH: <u>2.3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	SYSTEM TO BE STAKED BY DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install 3 trenches at 34.8 linear ft each	

ISSUED BY: Spencer Freemon ^{H.O.} ISSUE DATE: 3/18/25 EXPIRATION DATE: 3/18/26

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRAIDENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
 ELECTRICAL PERMIT ISSUED E 25001322
- NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

1:30

NO. 18-0167

NO. 18-0167

41'

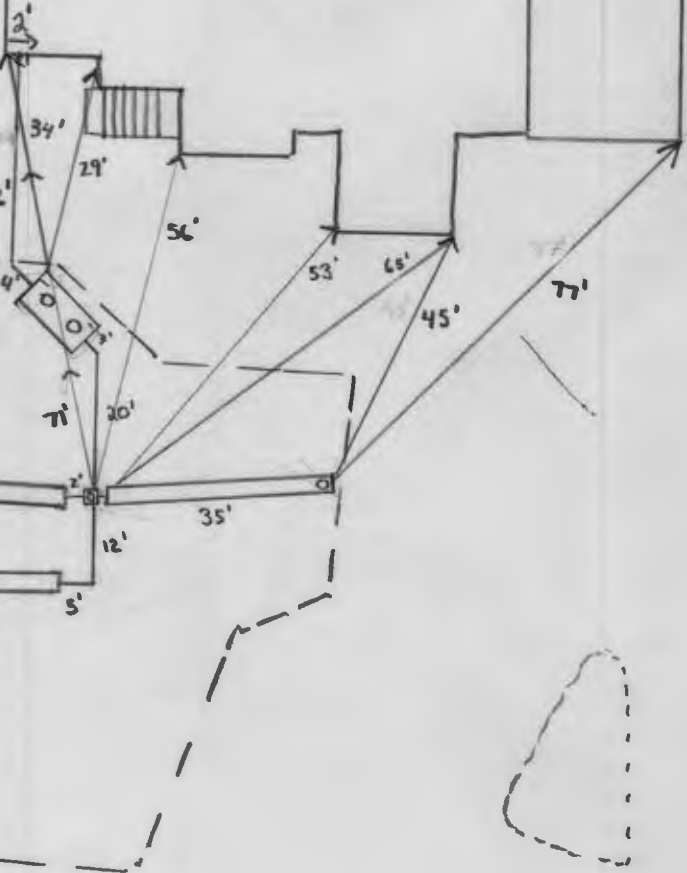
28'

Walkway

Porch

Driveway

8229 White Pine Ct.





BACK RIVER PRE-CAST, LLC
 PO BOX 329
 GLYNDON, MD 21071
 PH# 410-833-3394

NORWECO CERTIFICATION

PROPERTY OWNER: SYED ASHRUF	INSTALLATION COMPANY: HATFIELD
ADDRESS: 8229 WHITE PINE CT	CERTIFIED INSTALLER: TODD TRACEY
CITY, ZIPCODE & COUNTY: FULTON, 20759, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 5-2-25
750 GPD CONCRETE	START-UP DATE: 6-18-25
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: FAILING	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 42"	BURIAL DEPTH OF TANK: 24"
SYSTEM WIRED ON A 15-AMP DEDICATED CIRCUIT WITH STD. BREAKER: YES	RISERS 4" - 6" ABOVE GRADE: YES
LENGTH(S) OF UF WIRE PAST LAST AERATION RISER(S): 30"	VENTED LID(S) ON AERATION CHAMBER(S): YES
FEMALE PLUG(S) WIRED TO UF WIRE: YES	ANY GROUND SETTLING AROUND TANK:
CONDUIT(S) ENTERING AERATION RISER MADE WITH A WATERTIGHT CONNECTION: YES	NO
ISTHE INSIDE OF THE CONDUIT ENTERING THE CONTROL PANEL(S) AND AERATION RISER(S) SEALED WITH DUCT SEAL: YES	

ON 2ND PAGE MAKE A ROUGH SKETCH OF THE HOUSE ,WHERE THE SYSTEM IS LOCATED, WHERE THE CONTROL PANEL IS LOCATED , WHERK: THE FRONT OF THE IS AND DIRECTIONS TO THE PROPERTY.

DIRECTIONS CAN START A FEW STREETS AWAY

EXAMPLE: RT. X LEFT ONTO XX STREET RIGHT ONTO PRIVATE DRIVEWAY 5TH HOUSE OF THE LEFT.

I certify that the Norweco Singulair TNT Wastewater Treatment System was installed according to the manufacture's specifications.

Matthew Geckle

June 18, 2025

Signature of BRP Representative

Vice-President

Date

SDA TRENCH SIZE CALCULATIONS			
Fulton Hill	Lot #6 (8229 White Pine Ct.)		
System Input Information	Initial System	Replacem't System No.1	Replacem't System No.2
Application Rate	1.2	1.2	1.2
Effective area beginning depth	4	4	4
Effective area maximum bottom depth	8	8	8
Number of Bedrooms	6	6	6
Design flow at 150 gal./day/bedroom	900	900	900
Absorption Trench Calculations			
Drainfield area required (Design flow/application rate)	750	750	750
Effluent pipe depth to invert	2.3		
Effective sidewall depth "D" Depth between the effective beginning depth or pipe depth (which ever is deeper) and maximum trench bottom.	4	4	4
Trench Width "W" (2 or 3 feet)	3	3	3
Sidewall Reduction Percent = (W+2)/(W+1+2D)	41.67%	41.67%	41.67%
Linear feet of trench required = (drainfield area x sidewall reduction)/W	104.17	104.17	104.17
Trench Layout Information			
Approximate length available on contour & not exceeding 100-ft	91	91	91
Number of trenches to use	3	3	3
Min. length (linear feet)	34.8	34.8	34.8
Total (linear feet)	104.4	104.4	104.4
Minium Trench Spacing : For trenches with no sidewall credit the spacing is 6' for a 2' wide trench and 9' for a 3' wide trench (measured edge to edge). All trenches utilizing sidewall reduction credit must be spaced a min. of 10' for effective sidewall not over 3.5'. If >3.5' then spacing formular is 2D+W up to a maximum of 18'.	11	11	11

SDA TRENCH ELEVATION CHART			
TRENCH No.	1	2	3
Ground Elevation	437.30	437.30	436.50
Pipe Invert Elevation	435.00	435.00	434.20
Effective Area Beginning Depth	433.30	433.30	432.50
Bottom of Trench	429.30	429.30	428.50

CIRCUIT COURT FOR HOWARD
9250 JUDICIAL WAY
ELLICOTT CITY, MD 21043

SALE

Store: 4153

REF#: 00000002

Batch #: 040 RRN: 508518502718

03/26/25 14:52:11

Trans ID: 465085679316144

APPR CODE: 06354G

VISA Chip

*****5997 ***

AMOUNT \$60.00

APPROVED

CAPITAL ONE VISA

AID: A0000000031010

TVR: 00 80 00 80 00

TSt: E8 00

CUSTOMER COPY

Clerk of the Circuit Court for
Howard County

9250 Judicial Way,
Ellicott City, MD 21043
410-313-2111

LR - Agreement Recording Fee
1x 20.00 20.00

Name: Ashruf
Ref: 15

LR - Agreement Surcharge
1x 40.00 40.00

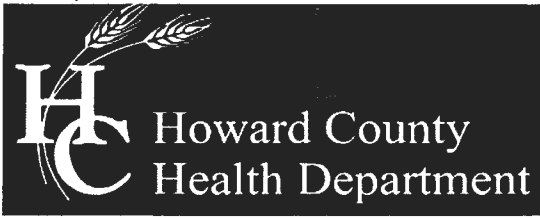
SubTotal: 60.00
Total: 60.00

CRD-Credit 60.00
Credit Card Confirmation : 06354g

03/26/2025 14:51 CC13-CH

#18794136/498/4

Thank you for visiting us today~



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

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

Date Submitted _____

8229 White Pine Court

Property Address

Fulton Hill

6

46

3

337

603731

Subdivision

Lot

Tax Map

Grid

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):

Perc Plan approved 2016, Revised Perc Plan approved 2021, Plat Nos. 25976-25980

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).

Table with 2 columns: Regulation Section, Summary and Explanation. Row 1: 1. COMAR 26.04.02.05.B.(2) Specifies that on-site sewage disposal system is to be located downgradient from a private water well.

DocuSigned by: Liangjing Wang

Property Owner's Signature

Health Department Use Only

Reviewed by Hank Oswald Date 7/23/24

Recommendation: [X] Recommended [] Not Recommended

HCHD Supervisor Signature Date 7/24/24

Comments/Conditions: BAT

Approved by: _____ MDE Representative Date



GLW
 PLANNING | ENGINEERING | SURVEYING

3909 NATIONAL DR. SUITE 250
 BURTONSVILLE, MD 20866
 301-421-4024 | FAX: 301-421-4186
 WWW.GLWPA.COM

LETTER OF TRANSMITTAL

TO: Bureau of Environmental Health
 8930 Stanford Blvd.
 Columbia, MD 21045

ATTN: Hank Oswald

DATE	9-17-2024	JOB NO.	21096
PROJECT			
Fulton Hill			
Site Plan for BAT installation			
Lot 6 (8229 White Pine Court)			

WE ARE SENDING THE FOLLOWING ITEMS: ATTACHED UNDER SEPARATE COVER

MYLARS PRINTS COST ESTIMATES DESCRIPTIONS GRADE SHEETS

COPY OF LETTER APPLICATIONS COMPUTATIONS OTHER _____

VIA: MAIL OVERNIGHT GLW COURIER COURIER OTHER _____

COPIES	DATE	PAGES	DESCRIPTION
3		1	Site Plan for BAT at 8229 White Pine Court

THESE ARE TRANSMITTED as checked below:

FOR APPROVAL SIGN & RETURN

FOR YOUR USE AS SUBMITTED TO _____

FOR REVIEW & COMMENT AS REQUESTED BY _____

PER YOUR REQUEST _____

REMARKS: _____

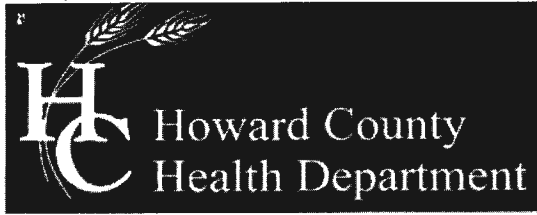
COPY TO: _____

SIGNED: _____

Kristy Pierce

kpierce@glwpa.com

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



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

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

Date Submitted _____

8229 White Pine Court

Property Address

Fulton Hill

6

46

3

337

603731

Subdivision

Lot

Tax Map

Grid

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):

Perc Plan approved 2016, Revised Perc Plan approved 2021, Plat Nos. 25976-25980

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).

Table with 2 columns: Regulation Section, Summary and Explanation. Row 1: 1. COMAR 26.04.02.05.B.(2) Specifies that on-site sewage disposal system is to be located downgradient from a private water well.

DocuSigned by: Lianying Wang

Property Owner's Signature

Health Department Use Only

Reviewed by Hank Oswald Date 7/23/24

Recommendation: [x] Recommended [] Not Recommended

HCHD Supervisor Signature Date 7/24/24

Comments/Conditions: BAT

DocuSigned by:

Approved by:

Steven R. Krieg LEHS REHS/RS

8/5/2024

MDE Representative

Date

Oswald Jr, Woodin

From: Steven Krieg -MDE- <steven.krieg@maryland.gov>
Sent: Monday, August 5, 2024 8:54 AM
To: Williams, Jeffrey
Cc: Oswald Jr, Woodin
Subject: Re: FW: Variance Request_8229 White Pine Court
Attachments: 8229 White Pine Ct Signed.pdf

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

See attached

Moving forward under the conditions, please spell out that a BAT unit is required vs just "BAT"

Also put these conditions on the Perc Cert

Thanks

Steven Krieg, LEHS, REHS/RS
Regional Consultant
On-site Systems Division
Water and Science Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230
steven.krieg@maryland.gov
410-537-3680 (O)

[Website](#) | [Facebook](#) | [Twitter](#)

On Thu, Jul 25, 2024 at 9:47 AM Williams, Jeffrey <jewilliams@howardcountymd.gov> wrote:

Hey Steve. Attached is a variance request. I'll be off starting tomorrow until 8/7, so if you look at it before then, please get back to Hank so he can proceed with the perc cert. Thanks

From: Oswald Jr, Woodin <hoswald@howardcountymd.gov>
Sent: Thursday, July 25, 2024 9:23 AM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: Variance Request_8229 White Pine Court

Hi Jeff,

Attached, please find a copy of the plan, perc test notes and variance application for 8229 White Pine Court.

Hank

Hank Oswald

Licensed Environmental Health Specialist

Bureau of Environmental Health

Howard County Health Department

8930 Stanford Blvd. Columbia, MD 21045

(410) 313 - 1786

www.hchealth.org

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

**OPERATION AND MAINTENANCE AGREEMENT
 FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
 HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 19th day of March, among Syed Umran Ashruf and Fariha Ashruf, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at Fulton Hill 8229 White Pine Ct, Fulton, MD, in the 5th Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 46, Block # , Parcel # 337, Deed Reference # Liber 22484 Folio 303 and Tax Account # 603731 ("the Property").

WHEREAS, The Property is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective November 24, 2016. The pre-treatment device being installed is Norweco Model TNTLP-750GPD.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The Owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Property shall bind the Owner, their heirs, successors and assigns to the provisions of the agreement as long as

Website: www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: @HoCoHealth

JAW 4/23/18

Register
 City/County
 Howard County
 187941366
 02-52
 08/26/2022
 6000
 6000
 4000
 2000
 Name: Ashruf
 Ref: 15
 R - Agreement
 Recharge
 Subtotal: 6000
 Total: 6000

HOWARD COUNTY CIRCUIT COURT (Land Records) WAR 22698, p. 0377, MSA_22690, CE53_22690, Date available 03/28/2025, Printed 04/02/2025.

29
40
cat

15

the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Property that the system shall require maintenance or other attention. Upon taking title to the Property, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

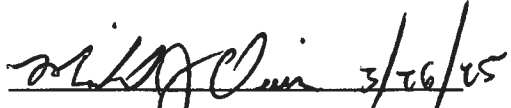
G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.


J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed this agreement on the date indicated above.

 3/16/25
Howard County Health Department

 3/19/25
Owner #1 Signature Date

Syed Umran Ashruf
Owner #1 Print Name

 3/19/2025
Owner#2 Signature Date

Fariha Ashruf
Owner #2 Print Name

Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name

HOWARD COUNTY CIRCUIT COURT (Land Records) WAR 22698, p. 03/8, MSA_CE53_22690. Date available 03/28/2025. Printed 04/02/2025.



GLW
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3909 NATIONAL DR. SUITE 250
 BURTONSVILLE, MD 20866
 301-421-4024 | FAX: 301-421-4186
 WWW.GLWPA.COM

LETTER OF TRANSMITTAL

DATE	7-12-2024	JOB NO.	21096
PROJECT			
Fulton Hill			
RPCP			
Lot 6 (8229 White Pine Court)			

TO: Bureau of Environmental Health
 8930 Stanford Blvd.
 Columbia, MD 21045

ATTN: Hank Oswald

WE ARE SENDING THE FOLLOWING ITEMS: ATTACHED UNDER SEPARATE COVER

MYLARS PRINTS COST ESTIMATES DESCRIPTIONS GRADE SHEETS

COPY OF LETTER APPLICATIONS COMPUTATIONS OTHER _____

VIA: MAIL OVERNIGHT GLW COURIER COURIER OTHER _____

COPIES	DATE	PAGES	DESCRIPTION
3		1	RPCP 8229 White Pine Ct. (resubmit addressing comments from 5/17 email cop of comments & responses attached)
1		1	Application for Variance (signed by owner)

THESE ARE TRANSMITTED as checked below:

FOR APPROVAL SIGN & RETURN

FOR YOUR USE AS SUBMITTED TO _____

FOR REVIEW & COMMENT AS REQUESTED BY _____

PER YOUR REQUEST _____

REMARKS: _____

COPY TO: _____

SIGNED: Kristy Pierce
 Kristy Pierce
 kpierce@glwpa.com

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

Perc Cert Plan Review Comments_8229 White Pine Court

GLW Response to Health Comments in purple below.



3909 National Drive, Suite 250 | Burtonsville, MD 20866
PH: 301-421-4024 | PH (Baltimore): 410-880-1820
PH (Northern VA): 301-989-2524 | FAX: 301-421-4186

Check out our new website: WWW.GLWPA.COM

The information transmitted is intended only for the addressee shown above.

Any design information (calculations, drawings, etc.) included in this transmission is intended for the sole purpose agreed upon with Gutschick, Little & Weber, P.A. (GLW). If this information is to be used for any other purpose or transmitted to any other persons, prior consent must be received from GLW.

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

From: **Oswald Jr, Woodin** <hoswald@howardcountymd.gov>
Date: Mon, Jun 17, 2024 at 9:11 AM
Subject: Perc Cert Plan Review Comments_8229 White Pine Court
To: Kristy Pierce (kpierce@glwpa.com) <kpierce@glwpa.com>

Hi Kristy:

The perc cert plan for 8229 White Pine Court has been returned with the following comments:

1. The purpose statement is too vague. It doesn't show why. Any incoming proposals should be shown on this plan i.e. future building permit etc. Adjusted purpose statement
2. SDA addition should center around TH#41 instead of extending too far east toward the swale and away from the passing perc test holes. Please see attachment labeled "plan" for approvable area. Adjusted the SDA addition 7 subtraction area so that a new perc hole will not be needed.
3. Label houses with addresses. Labeled houses with addresses.
4. Label all driveways, existing and proposed. Labeled the existing and proposed driveways.
5. The SDA on Lot 6 is considered upgrade from the wells on Parcel A. A variance note must be added to the plan referencing the neighbors well. The note should read,

The Maryland Department of the Environment has reviewed the existing wells (tag # HO-18-0129, and HO-20-0041) and proposed sewage disposal area location as shown on this plan as recommended by the Howard County Health Department, and has granted a variance to allow the well locations on 8250 White Pine Court to be downgradient of the sewage disposal area on 8229 White Pine Court, pursuant to the following conditions:

a. The septic system installed on 8229 White Pine Court will have the following characteristics:

1. A BAT unit.
2. LPD design.

Added note verbatim except for the "LPD design", as mentioned in email from 6/20 that it does not need LPD

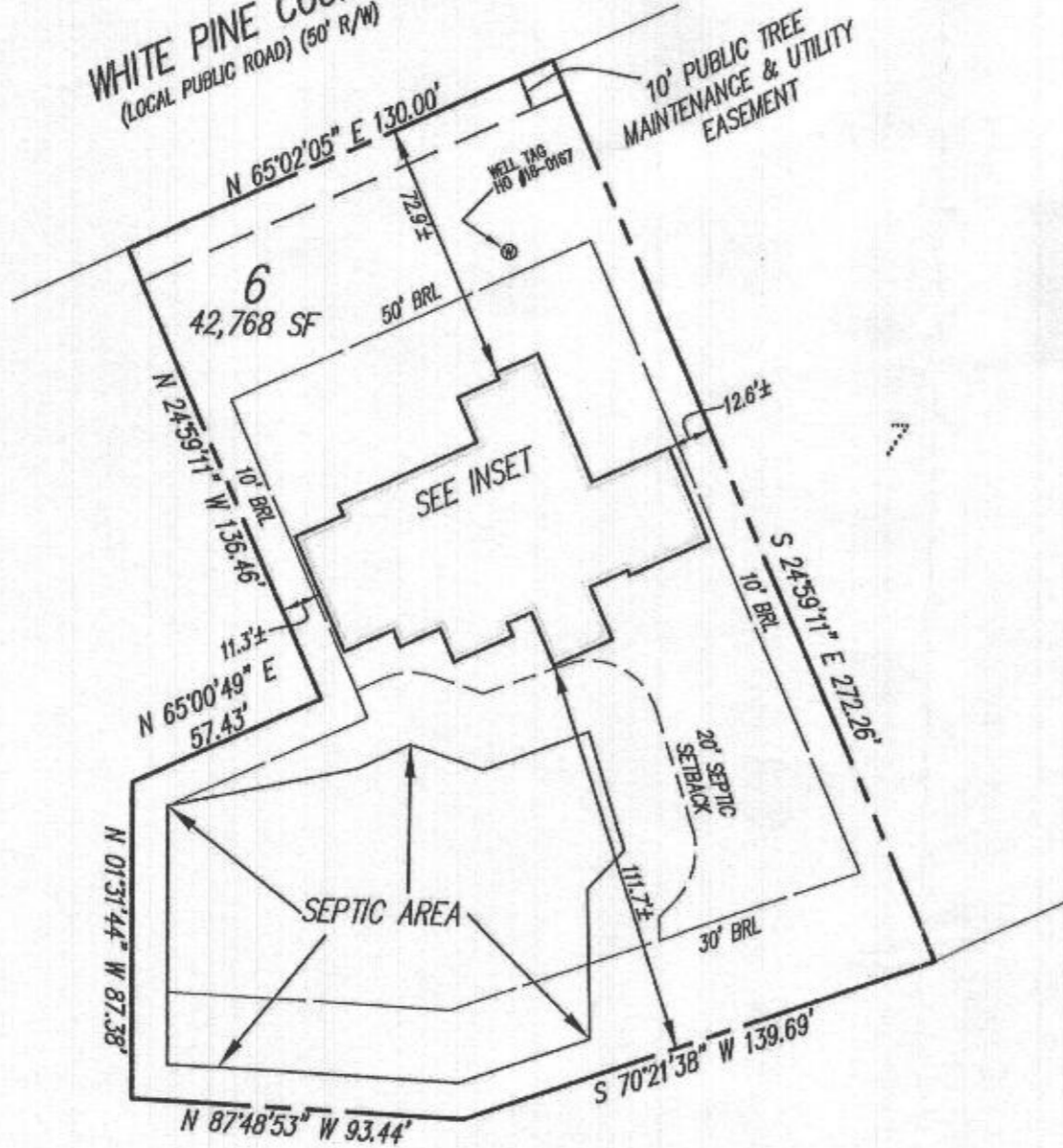
6. Label all structures including decks, porches, garages, and anything detached. Labeled the proposed/preliminary houses garages, porch, morning room..
7. Add note, A Site Plan for BAT installation will be required prior to building permit approval. Added this note.

[Quoted text hidden]

S:\Survey Drawings\WALLCHECK\FULTON HILL-24050\WCK-6.dwg, 1/3/2025 10:21:08 AM, blk, 1:1



WHITE PINE COURT
(LOCAL PUBLIC ROAD) (50' R/W)



10' PUBLIC TREE
MAINTENANCE & UTILITY
EASEMENT

6
42,768 SF

SEE INSET

SEPTIC AREA

BUILDABLE PRESERVATION PARCEL 'A'

Wall
Check OK
RAC
3/18/2025

NOTES:

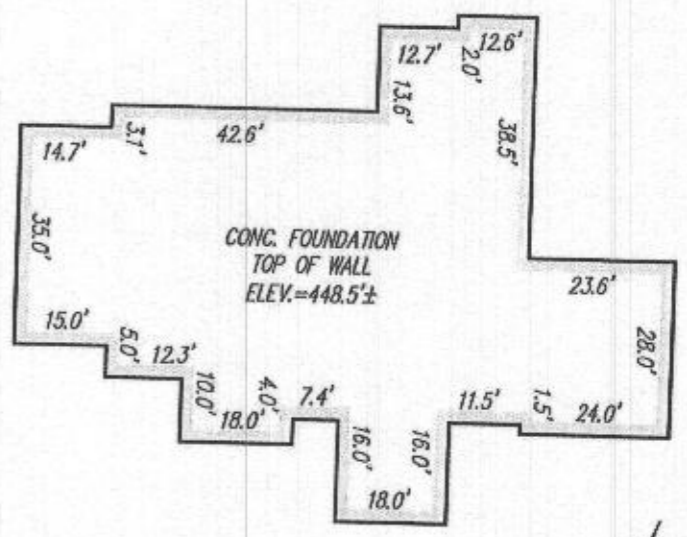
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.
THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NUMBER 24027C01450, EFFECTIVE DATE NOVEMBER 6, 2013.

BUILDING SETBACKS (B.R.L.'S) SHOWN HEREON PER PLAT 25978.

SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF ± 0.1' FOOT.

INSET SCALE 1"=30'



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
'WILLIAMSBURG GROUP.'

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF,
THE POSITION OF THIS BUILDING FOUNDATION
HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

[Signature] 01/03/2025
For Gutschick, Little and Weber, P.A.:
Thomas C. O'Connor, Jr.,
Professional Land Surveyor, No. 10954 (EXP. DATE: 07/03/2026)

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.



DES.	PREPARED FOR: WILLIAMSBURG GROUP 5485 HARPERS FARM RD. COLUMBIA, MD 21044
DRN. HDK	
CHK.	

S:\Survey Drawings\WALLCHECK\FULTON HILL-24050\WCK-6.dwg

WALLCHECK
(SPECIAL PURPOSE SURVEY)

FULTON HILL

LOT 6
8229 WHITE PINE COURT

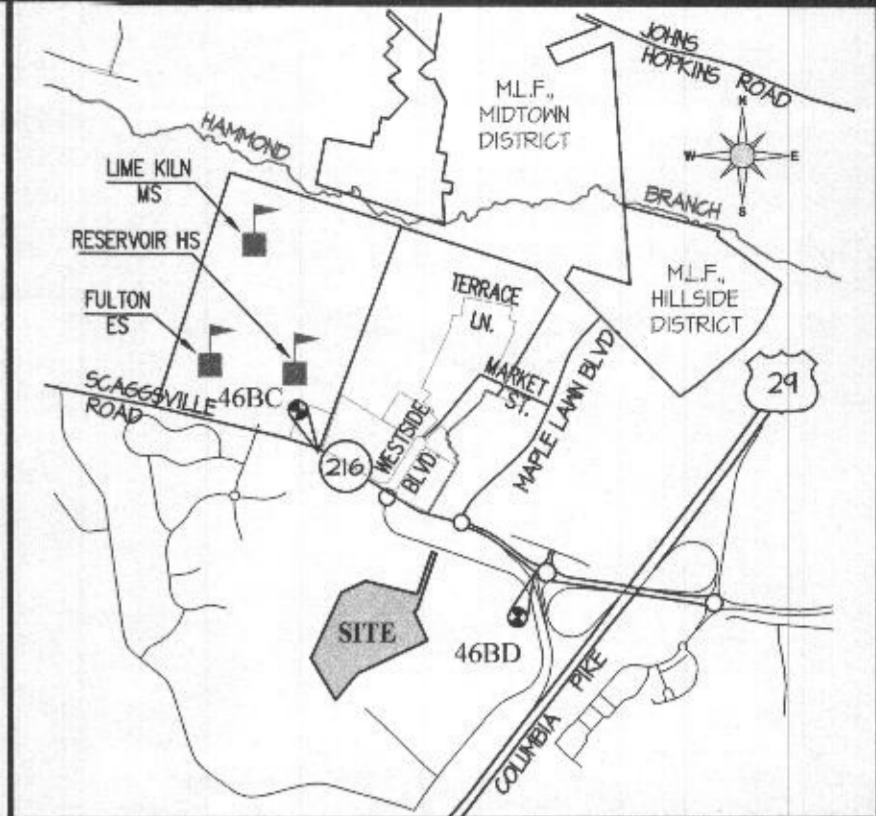
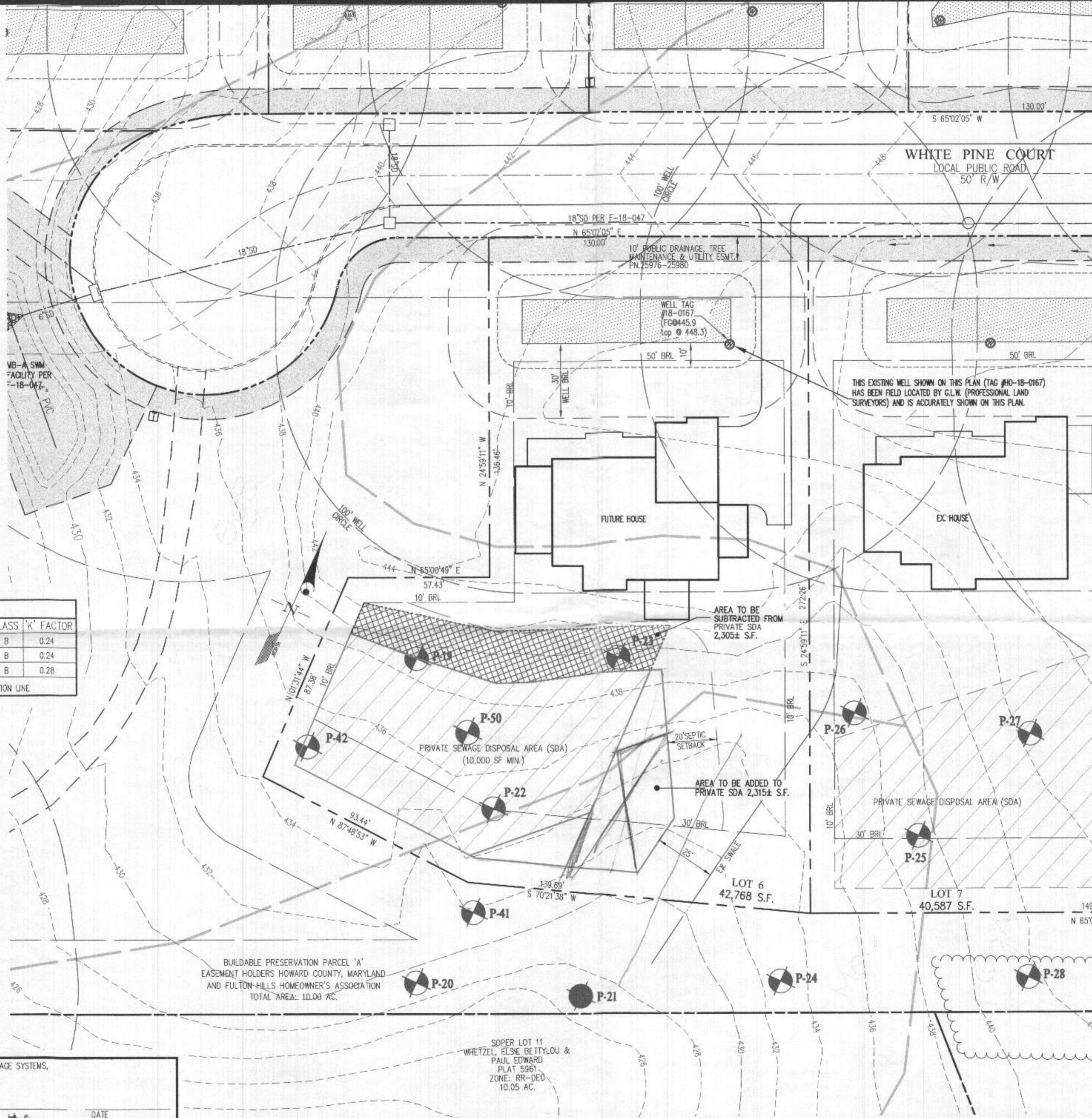
HOWARD COUNTY, MARYLAND

DATE OF LATEST FIELD WORK: 01/03/2025

GL.W. FILE No. 24050

REFERENCE: PLAT No.: 25978

SCALE: 1"=50'



VICINITY MAP
SCALE: 1" = 2000'
ADC MAP 39
GRID A3

- GENERAL NOTES**
1. THE AREA SHOWN THUS: DESIGNATES PRIVATE SEWAGE DISPOSAL AREA OF 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. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 2. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 3. THE LOTS SHOWN HEREON WAS RECORDED ON PLAT Nos. 25967 - 25980. REFER TO PLAT FOR DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
 4. THE EXISTING TOPOGRAPHY SHOWN IS FROM FIELD RUN TOPO DONE IS PER F-18-047 AND HOWARD COUNTY GIS.
 5. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
 6. APPROVAL OF THIS PERC CERTIFICATION PLAN DOES NOT GUARANTEE THAT THE SEWAGE DISPOSAL AREA ESTABLISHED WILL BE SUFFICIENT FOR A PROPOSED HOUSE. A SYSTEM DESIGN PLAN SHOWING 3 SYSTEMS FITTING IN THE AREA BASED ON THE PROPOSED NUMBER OF BEDROOMS MUST BE APPROVED BY THE HEALTH DEPARTMENT BEFORE HEALTH APPROVAL OF A BUILDING PERMIT. IF 3 SYSTEMS DO NOT FIT, THE AREA MAY NEED TO BE REVISED OR THE PROPOSED NUMBER OF BEDROOMS REDUCED.

SOILS LEGEND

SOIL	NAME	CLASS	K' FACTOR
GgA	Glenelg loam, 0 to 3 percent slopes	B	0.24
GgB	Glenelg loam, 3 to 8 percent slopes	B	0.24
MaC	Manor loam, 8 to 15 percent slopes	B	0.28

SOILS DELINEATION LINE

LEGEND

- EXISTING WELL LOCATION
- EXISTING WELL BOX LOCATION
- EXISTING PRIVATE SEWAGE DISPOSAL AREA
- PRIVATE SEWAGE DISPOSAL EXPANSION AREA TO BE ADDED
- PRIVATE SEWAGE DISPOSAL EXPANSION AREA TO BE SUBTRACTED
- PERCOLATION TEST PIT FAILED BY HEALTH DEPARTMENT
- PERCOLATION TEST PIT PASSED BY HEALTH DEPARTMENT

0 15 30 60
GRAPHIC SCALE

THE PURPOSES FOR THIS REVISED PERCOLATION CERTIFICATION PLAN ARE:
• TO RESHAPE THE PRIVATE SEWAGE DISPOSAL AREA ON LOT 6.

BUILDER/OWNER:
WILLIAMSBURG GROUP
5485 HARPERS FARM RD.
COLUMBIA, MD 21044
ATTN: BRUCE HARVEY
443-398-4358
bruceharvey@williamsburgilc.com

BUILDABLE PRESERVATION PARCEL 'A'
EASEMENT HOLDERS HOWARD COUNTY, MARYLAND
AND FULTON HILLS HOMEOWNER'S ASSOCIATION
TOTAL AREA: 11.00 AC.

SUPER LOT 11
WHEZZEL, ELSE BETTYLOU &
PAUL EDWARD
PLAT 5361
ZONE: RR-DEO
10.05 AC.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. _____ DATE _____

GLW
PLANNING | ENGINEERING | SURVEYING

3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-680-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS 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. 54390, EXPIRATION DATE: MAY 14, 2025.

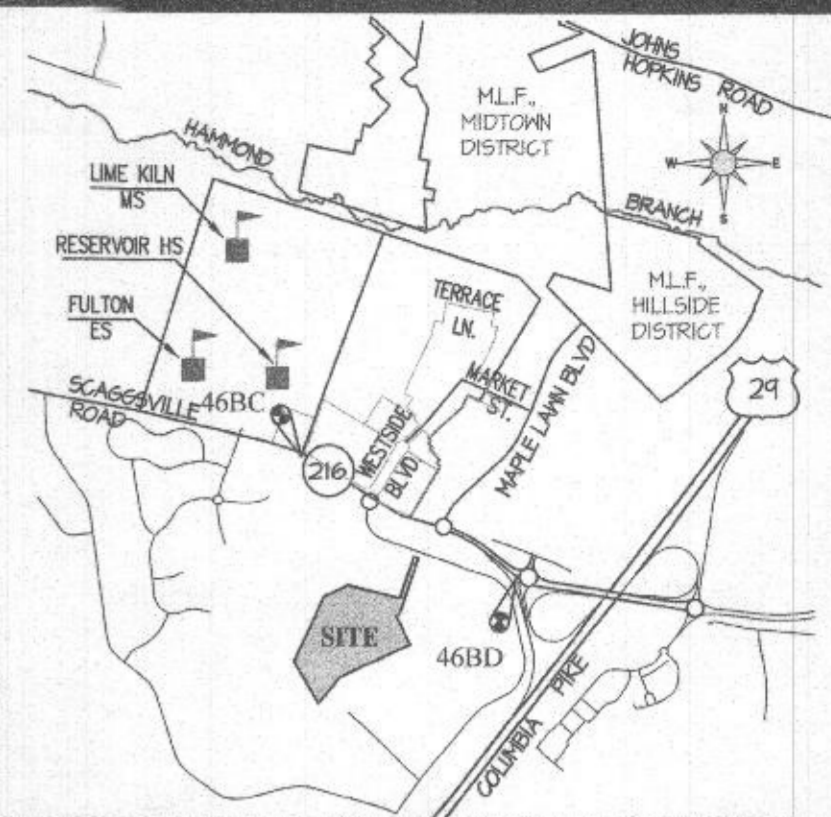
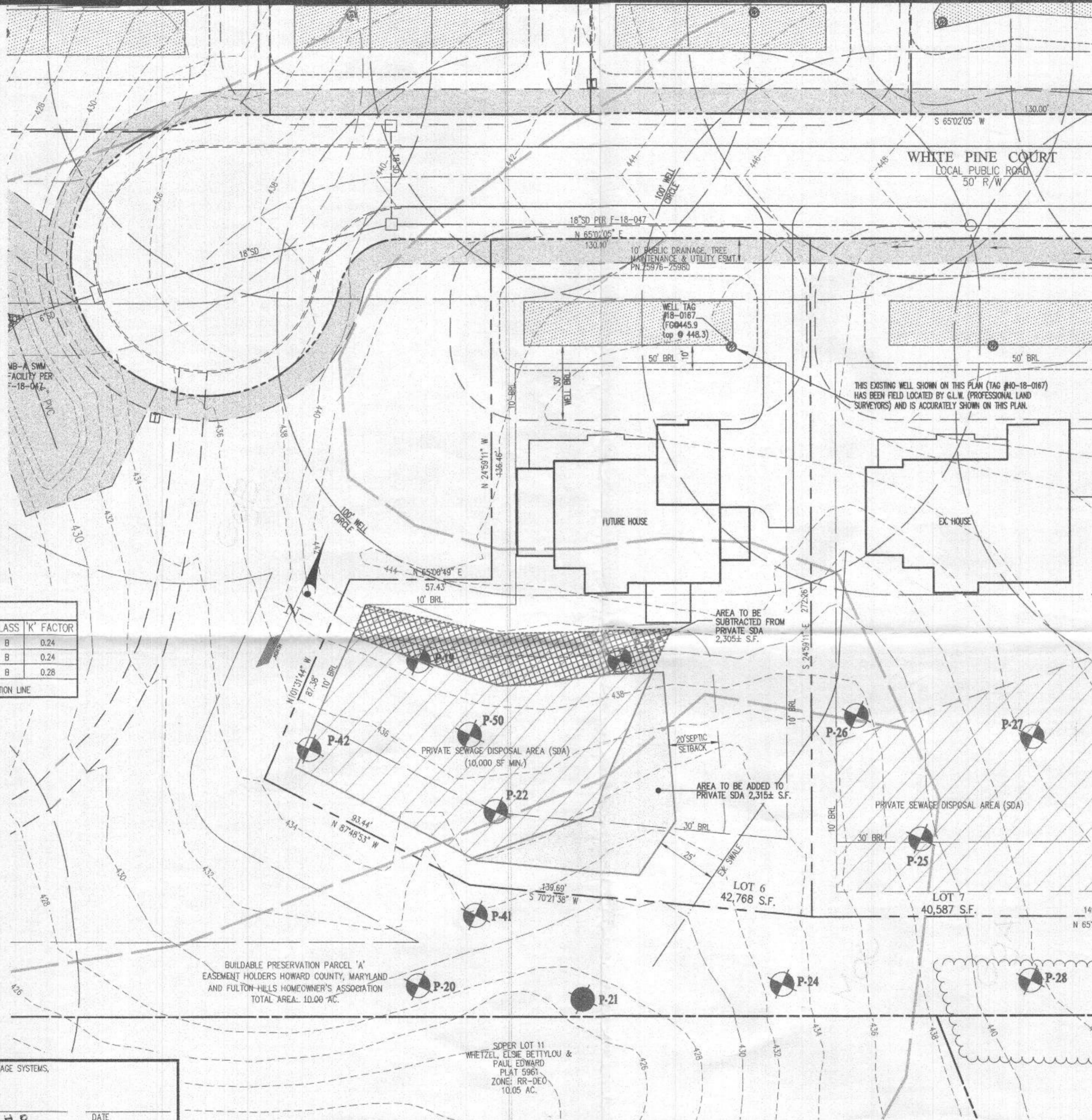
SCALE	ZONING
1" = 30'	RR-DEO
DATE	TAX MAP - GRID
MAY 2024	46-3

REVISED PERCOLATION CERTIFICATION PLAN

FULTON HILL
LOT 6 (8229 White Pine Court)
PLAT No. 25976-25980

G. L. W. FILE No.
21096
SHEET
1 OF 1

L:\CAD\DRAWINGS\21096\240501 (Williamsburg) Lot 6 (RR-DEO) - PH-LOT 6 - RPPC.dwg, 5/29/2024, 4:03:10 PM, krsjpp, 1:1



VICINITY MAP
SCALE: 1" = 2000'
ADC MAP 39
GRID A3

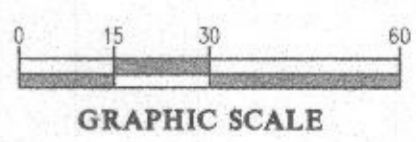
- GENERAL NOTES**
- THE AREA SHOWN THUS: [Hatched symbol] DESIGNATES PRIVATE SEWAGE DISPOSAL AREA OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
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SOILS LEGEND

SOIL	NAME	CLASS	K' FACTOR
GgA	Glenelg loam, 0 to 3 percent slopes	B	0.24
GgB	Glenelg loam, 3 to 8 percent slopes	B	0.24
MaC	Monor loam, 8 to 15 percent slopes	B	0.28

SOILS DELINEATION LINE

- LEGEND**
- [Symbol] EXISTING WELL LOCATION
 - [Symbol] EXISTING WELL BOX LOCATION
 - [Symbol] EXISTING PRIVATE SEWAGE DISPOSAL AREA
 - [Symbol] PRIVATE SEWAGE DISPOSAL EXPANSION AREA TO BE ADDED
 - [Symbol] PRIVATE SEWAGE DISPOSAL EXPANSION AREA TO BE SUBTRACTED
 - [Symbol] PERCOLATION TEST PIT FAILED BY HEALTH DEPARTMENT
 - [Symbol] PERCOLATION TEST PIT PASSED BY HEALTH DEPARTMENT



THE PURPOSES FOR THIS REVISED PERCOLATION CERTIFICATION PLAN ARE:
• TO RESHAPE THE PRIVATE SEWAGE DISPOSAL AREA ON LOT 6.

BUILDER/OWNER:
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ATTN: BRUCE HARVEY
443-398-4358
bruceharvey@williamsburgilc.com

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. *H.C.* DATE

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS 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. 54390, EXPIRATION DATE: MAY 14, 2025.

STATE OF MARYLAND
DANIEL D. SWENERT
PROFESSIONAL ENGINEER

SCALE: 1"=30'

ZONING: RR-DEO

TAX MAP - GRID: 46-3

DATE: MAY 2024

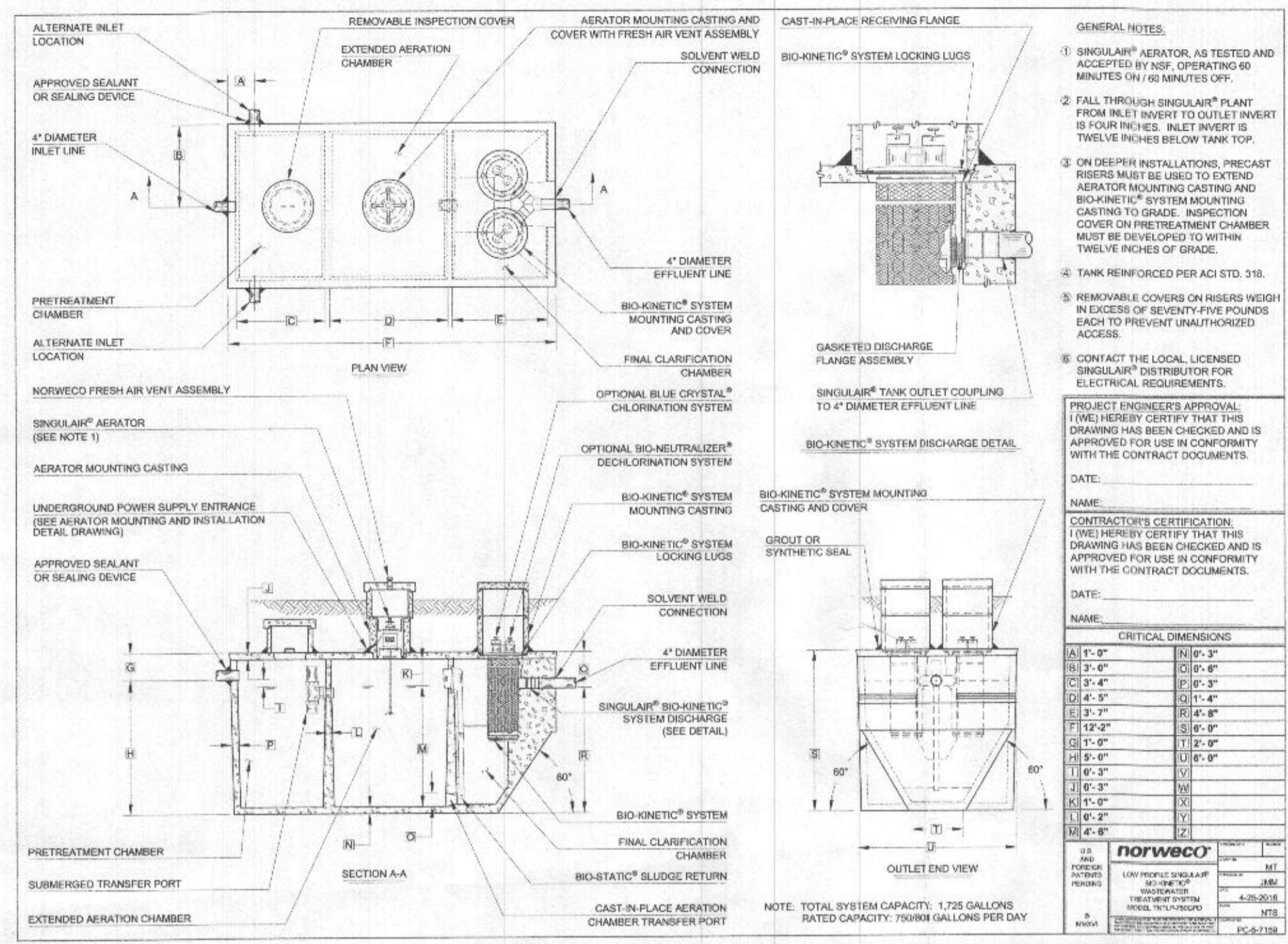
REVISED PERCOLATION CERTIFICATION PLAN

FULTON HILL
LOT 6 (8229 White Pine Court)
PLAT No. 25976-25980

G. L. W. FILE No. 21096

SHEET 1 OF 1

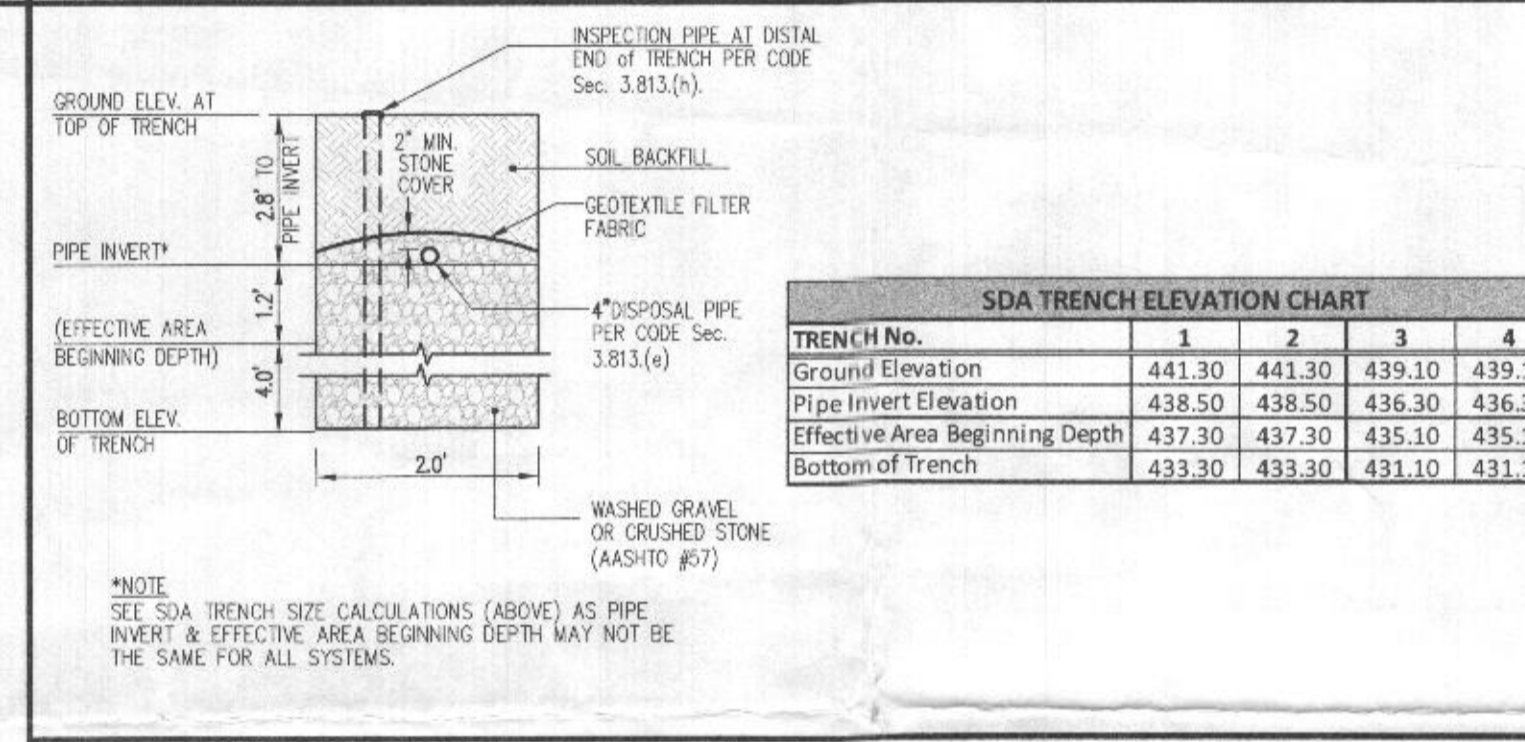
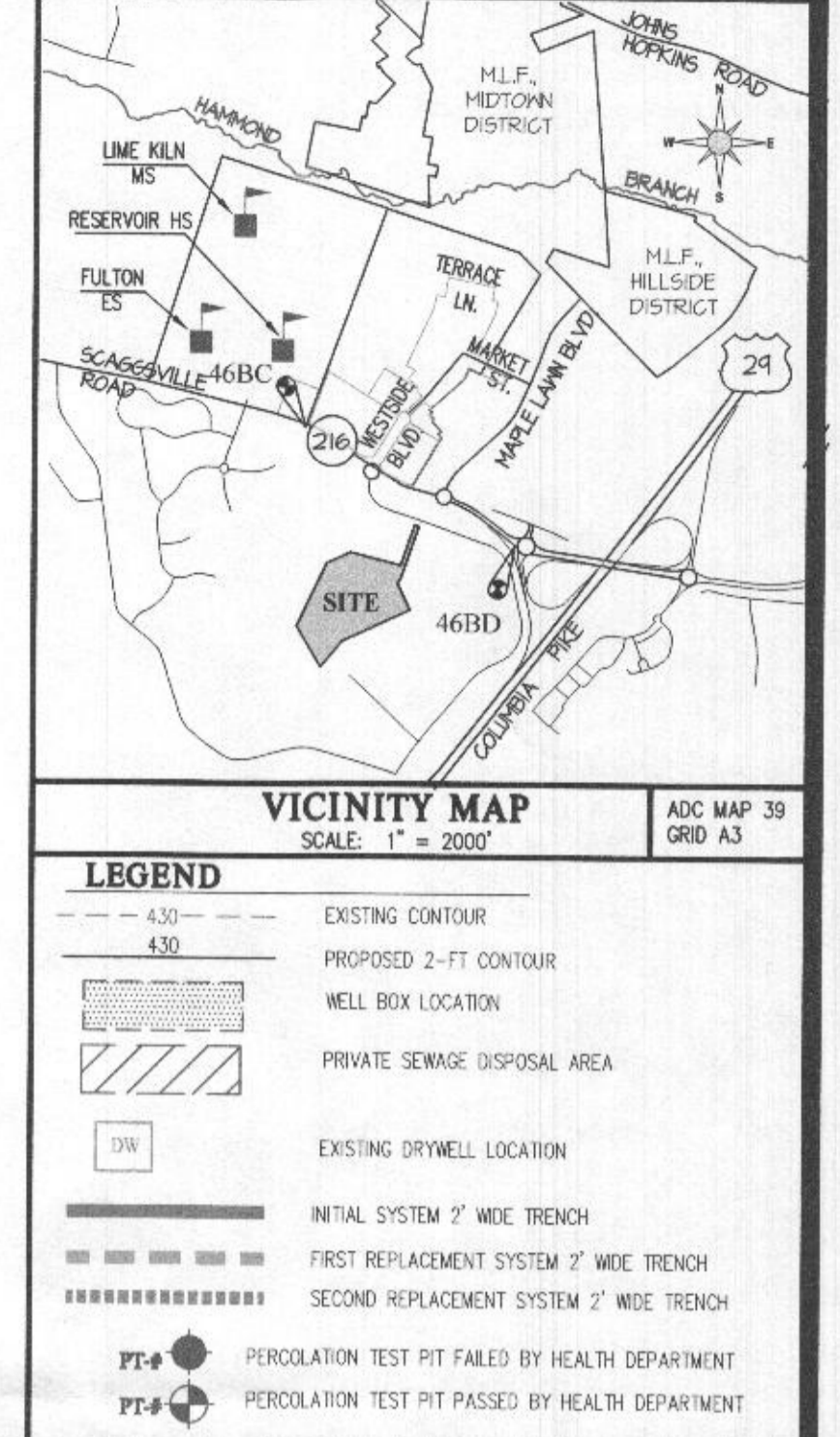
L:\CADD\DRAWINGS\21096\21096_1_PFL\LOT 6_RFCP.dwg, 5/29/2024 4:03:10 PM, 1:11



Source: From Norweco local supplier/distributor - Back River Pre-cast, LLC, PO Box 329 Glyndon, MD 21071-0329 Ph:410 833-3394

SDA TRENCH SIZE CALCULATIONS

Fulton Hill		Lot #6 (8229 White Pine Ct.)		
System Input Information	Initial System	Replacem't System No.1	Replacem't System No.2	
Application Rate	1.7	1.2	1.2	
Effective area beginning depth	4	4	4	
Effective area maximum bottom depth	8	8	8	
Number of Bedrooms	6	6	6	
Design flow at 150 gal./day/bedroom	900	900	900	
Absorption Trench Calculations				
Drainfield area required (Design flow/application rate)	750	750	750	
Effluent pipe depth to invert	2.8			
Effective sidewall depth "D"	4	4	4	
Depth between the effective beginning depth or pipe depth (whichever is deeper) and maximum trench bottom.				
Trench Width "W" (2 or 3 feet)	2	2	2	
Sidewall Reduction Percent = (W+2)/(W+1+2D)	36.36%	36.36%	36.36%	
Linear feet of trench required = (drainfield area x sidewall reduction)/W	136.36	136.36	136.36	
Trench Layout Information				
Approximate length available on contour & not exceeding 100-ft	91	91	91	
Number of trenches to use				
Min. length (linear feet)	34.1	45.5	45.5	
Total (linear feet)	136.4	136.5	136.5	
Minium Trench Spacing:				
For trenches with no sidewall credit the spacing is 6' for a 2' wide trench and 9' for a 3' wide trench (measured edge to edge). All trenches utilizing sidewall reduction credit must be spaced a min. of 10' for effective sidewall not over 3.5'. If >3.5', then spacing formula is 2D+W up to a maximum of 18'.				



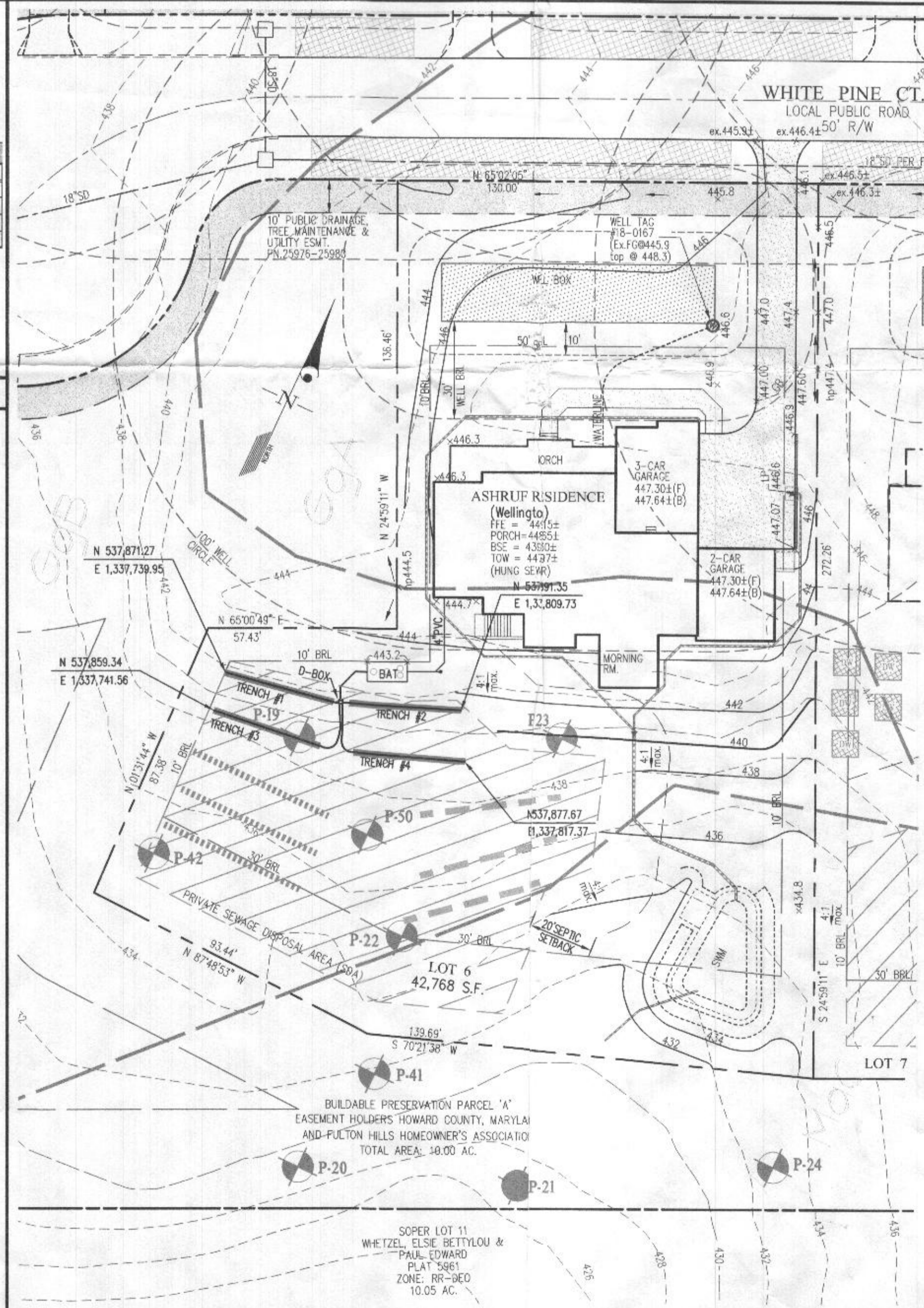
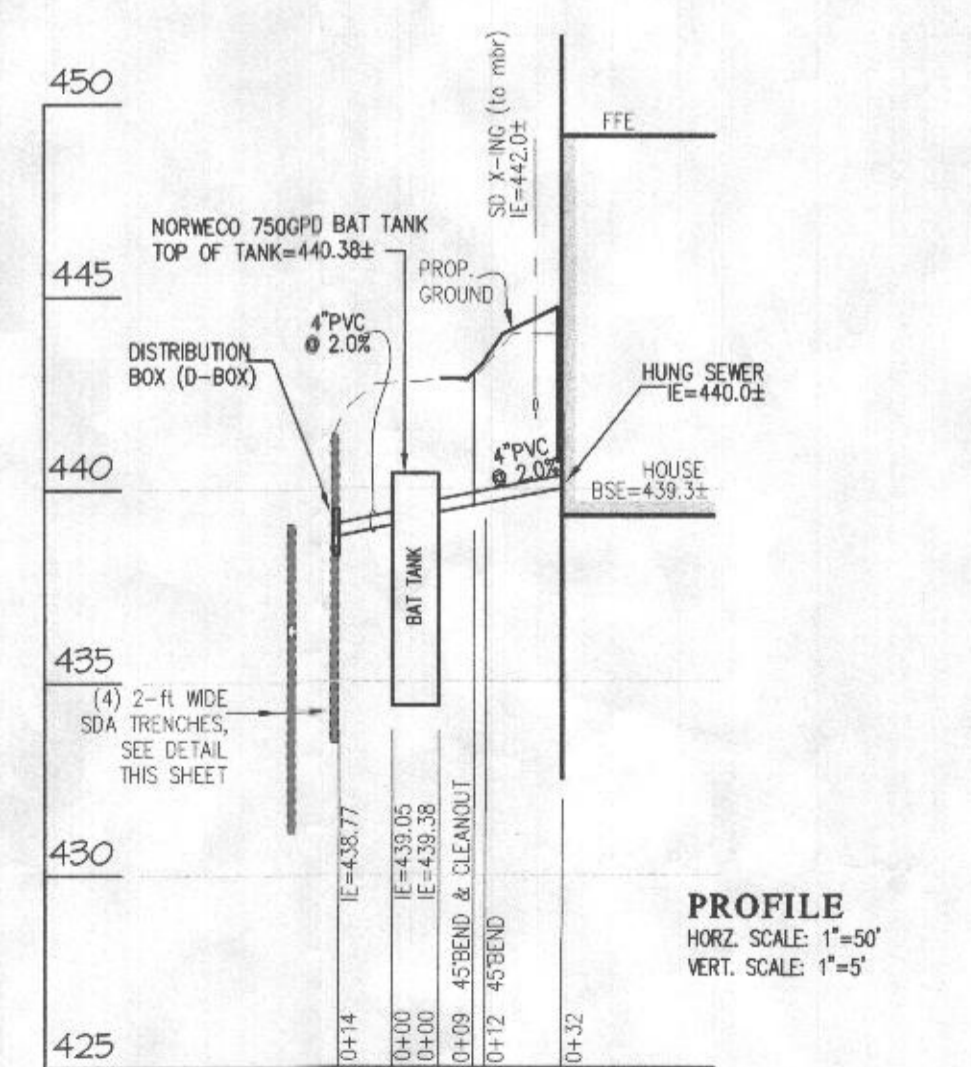
SDA TRENCH ELEVATION CHART

TRENCH No.	1	2	3	4
Ground Elevation	441.30	441.30	439.10	439.10
Pipe Invert Elevation	438.50	438.50	436.30	436.30
Effective Area Beginning Depth	437.30	437.30	435.10	435.10
Bottom of Trench	433.30	433.30	431.10	431.10

SEPTIC TRENCH SECTION DETAIL NO SCALE

Lot 6 BAT (Norweco 7NTLP-750g) Tank Elevations

High Finished Grade above tank	443.20
Top of tank elevation	440.38
Delta (cover above tank, 3' max.)	2.82 ft.
Outside bottom of BAT tank elevation	434.38
Invert in	439.38
Invert out	439.05



- #### NOTES
- THE EXISTING WELLS SHOWN ON THIS PLAN (IDENTIFIED WITH THE WELL TAG # HO-18-0167) HAS BEEN FIELD LOCATED BY G.L.W. AND IS ACCURATELY SHOWN ON THIS PLAN.
 - THE MAXIMUM EARTH COVER OVER THE TANKS IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
 - EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPOSED IMPROVEMENTS AND THOSE 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
 - ELECTRICAL WORK FOR THE SEPTIC SYSTEM INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
 - THE BAT SYSTEM SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
 - WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE PIPE OF BAT INSTALLED.
 - ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN LAND RECORDS OF HOWARD COUNTY.
 - THE HEALTH DEPARTMENT REQUIRE DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.
 - ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED OSDS PLAN MAY BE REQUIRED.

Approved Septic System Plan
Howard County Health Department
Mark Oswald 9/24/24
Signature Date

GRAPHIC SCALE

3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20896 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4188

DESIGNED BY:	DATE	REVISION	BY	APPR.
klp				
DRAWN BY:				
klp				
CHECKED BY:				
dds				

PREPARED FOR:
BUILDER: WILLIAMSBURG GROUP
5485 HARRIS FARM RD.
COLUMBIA, MD 21044
ATTN: BRUCE HARVEY
443-358-4358
bruce@williamsburggroup.com

CONTRACT PURCHASER/OWNER:
STYL DARRAN ASHRUP
FARIHA ASHRUP
5005 TAYLOR LANE
ELICOTT CITY, MD 21043
Lic. No. 108599
Email: usashr1@gmail.com
Mobile Phone: 410-299-0429

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 848599
EXPIRATION DATE: MAY 14, 2025

SITE PLAN FOR BAT INTALLATION

FULTON HILL
LOT 6 (8229 White Pin Court)
PLAT No. 25976-25980

ELECTION DISTRICT No. 5 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1" = 30'	RR-DEO	21096
DATE	TAX MAP - GRID	SHEET
SEPT. 2024	46-3	1 OF 1