



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Mooresfield Lot 6 Plat 2

PROPERTY ADDRESS 11706 Wayneridge Court Fulton 20759
STREET TOWN ZIP

TAX ACCOUNT # 05-342341 TAX MAP 41 GRID 14 PARCEL 293 LOT NO. 6 PROPOSED LOT SIZE (ACRES) _____

ZONING CATEGORY RR-DEO TIER 3

PROPERTY OWNER(S) Mark & Lynette Trumbore

DAYTIME PHONE 978-496-5131 CELL _____ EMAIL LynetteTrumbore@gmail.com

MAILING ADDRESS 11706 Wayneridge Court Fulton, MD 20759
STREET CITY, STATE ZIP

APPLICANT Vanmar Asso. Inc. RELATIONSHIP TO OWNER: Surveyor/ Engineer

DAYTIME PHONE 301-829-2890 CELL _____ EMAIL dkv@vanmar.com

MAILING ADDRESS 310 S Main Street Mount Airy, MD 21771
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: _____
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.

11/4/25

SIGNATURE OF APPLICANT

DATE

Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Friday, November 7, 2025 10:25 AM
To: Ron Thompson
Subject: Perc Test Plan_11706 Wayneridge Court
Attachments: Variance application-interactive_well downgrade.pdf

Hi Ron,

Good morning. In looking over the perc test plan for 11706 Wayneridge Court, I confirmed with the assistant director that a portion of the proposed SDA appears to be directly upgrade of the neighbors well on Mooresfield Lot 11 and 12. With that said, we would like to get MDEs input on this by submitting a copy of the test plan and variance request prior to scheduling the perc test. I've attached a variance request form. Please complete the form with owners signature and return it at your earliest convenience.

I also had these other comments about the test plan.

1. Add a perc test hole near the existing septic tank.
2. Add elevation # next to each perc test hole.
3. Add two alternate well sites or a 1500 sq. ft. well box.
4. I could not find record of the old drywell or d/w abandonment report. If you happened to know where it's located, please show it on the plan. If not, perhaps the owner has this information.
5. If the existing well on the this lot was field located, please note it on the plan. If it wasn't, it will likely need to be done prior to final submission of the PC.
6. If the existing well located on 11702 Wayneridge Court was field located, please note it on the plan.

Should you have any questions, please feel free to contact me.

Regards,

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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Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Friday, December 12, 2025 3:26 PM
To: Ron Thompson
Subject: Waiver Approved_11706 Wayneridge Court
Attachments: waiver_251209_075051.pdf

Hi Ron,

MDE approved the waiver request for the neighboring wells. With that said, I would like to schedule the perc test. I am available on Dec. 23rd or Jan 7 starting at 900. Please confirm a date.

Thanks,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
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LETTER OF TRANSMITTAL

AGENCY CLIENT FILE ACCT. CORR. OTHER

VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners
310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771
301-829-2890 301-831-5015 301-695-0600
410-549-2751 (FAX) 301-831-5603

TO: Howard County Department of
Environmental Health
8930 Stanford Boulevard
Columbia, Maryland 21045

Attn: Hank Oswald

DATE: November 24, 2025

PROJECT: Mooresfield Lot 6 Plat Two

VMA#: C5-6847

COUNTY#:

ENCLOSED:

COPIES	DATE	DESCRIPTION
1	11/4/25	Application for Variance to COMAR onsite water/sewer for MDE Approval
4	11/24/25	Percolation Test Plan, Mooresfield Lot 6 Plat Two

REMARKS: Submitted for review and testing. Thank you and have a great day!

COPIES TO (ADDRESS): Mark & Lynette Trumbore, 11706 Wayneridge Court, Fulton, Maryland 20759

SUBMITTED BY: LS

g\hd Revised perc Test plan and Variance 11.24.25

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

January 5, 2026

To: Debbie VanSant (Vanmar Associates, Inc.)

Re: Percolation Test Report – 11706 Wayneridge Court, Fulton, MD

Percolation tests were conducted at 11706 Wayneridge Court (Tax Map 41, Grid 14, Parcel 293, Lot 6) on December 23, 2025. Tests and profile descriptions were documented for 6 locations. While test holes 1, 2, 4, 5, and 6 passed, test hole #3 failed due to clay profile below 8 feet.

All percolation tests conducted were standard tests, measuring rates 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 the sewage disposal area (SDA) are represented by test locations having satisfactory soil condition. The area must be large enough to accommodate 3 systems or two systems with a BAT unit.

The next step in the process is to have an engineer submit a percolation certification plan to confirm the design of the sewage disposal area.

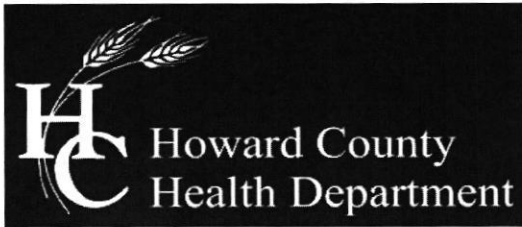
Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-1786 or by email hoswald@howardcountymd.gov

Respectfully,

Hank Oswald

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

Attachments – Perc Test Field Notes



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 11706 Wynnbridge Court

Subdivision: Mooresfield Lot: 6

PT #5 Initial system: Application rate: 1.2 Effective area beginning depth: 6' Bottom maximum depth: 8'
PT #4 1st Replacement: Application rate: 0.6 Effective area beginning depth: 5.5' Bottom maximum depth: 8'
PT #1,4,6 2nd Replacement: Application rate: 0.6 Effective area beginning depth: 6' Bottom maximum depth: 7'

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:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

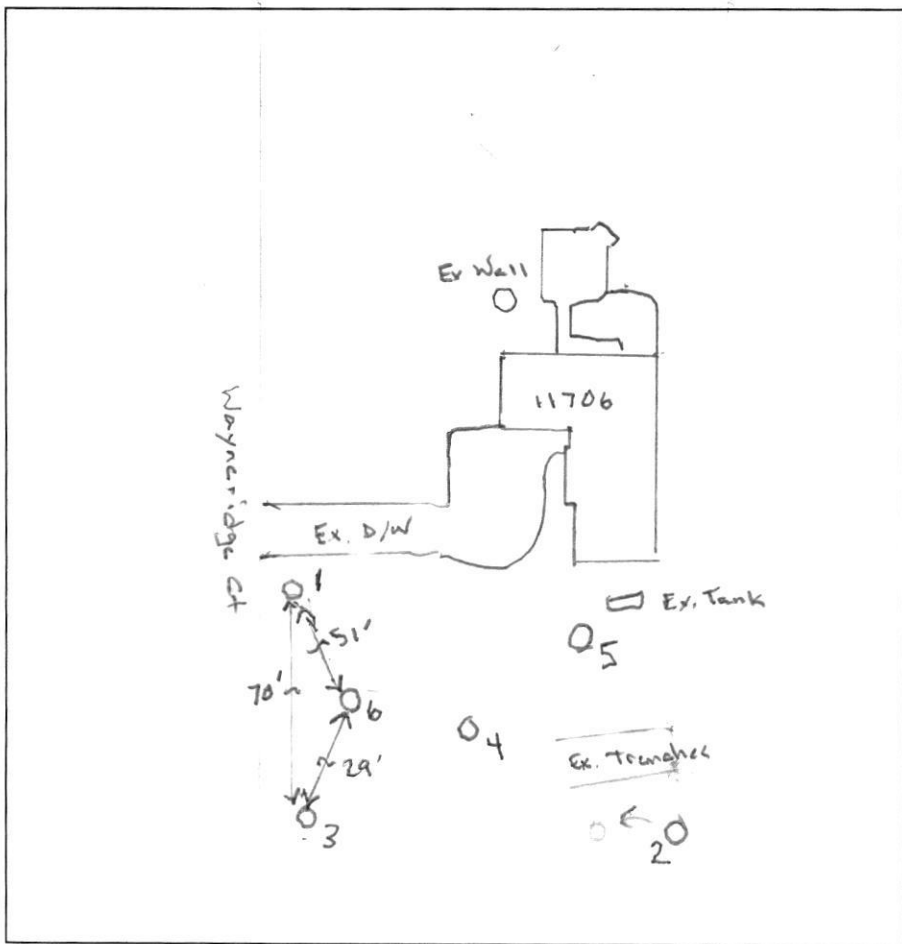
Standard design requirements:

- 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: Hank Oswald Date: 1/5/26
f Zack Silvest

AP 590263



5
 4" Top soil
 red br scl tight sbk
 ≈ 2' yel red
 yel br scl
 5' yel br sl tight
 Sem. friable
 6-7' pale br sl w/ 5% rock
 11' 10-15% rock
 12' tan sl w/ weather rock w/ manganese
 14'

2
 4" Top soil
 br tan scl w/ gravel
 1.6' red br cl sbk tight
 3.6' pale br sl some grit semi friable but sticky
 5' yel br scl w/ manganese semi friable tight
 6' br yel sl w/ weather rock w/ mica & manganese
 12' friable

1
 4" top soil
 red br scl tight
 2' reddish br scl sbk
 5' yel tan sil tight
 9' yel red sil 5% rock
 10' 10-20% rock tight
 12'

3
 4" top soil
 heavy scl w/ silt
 5' brown yel cl
 8.6'

4
 4" top soil
 reddish br scl sbk
 2' yellowish br. scl tight w/ mica
 ≈ 5' brownish yel sil
 11' 10-20% rock & manganese tight
 12'

6
 4" top soil
 reddish br scl w/ mica & silt. fine roots semi friable heavy scl w/ silt
 6' sl br yel w/ silt tight
 11' > 50% sand stone friable
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/23/25	5	5' 9" / 12'	9:33	9:34	9:35	1	F
repair	5	↳	9:38	9:36	9:37	.1	F
12/23/25	5	7' / 12'	12:26	12:27	12:29	2	P
12/23/25	1	5.6" / 12'	9:53	10:05	10:26	21	P
12/23/25	4	5.6" / 12'	10:52	11:09	11:28	19	P
12/23/25	2	5' / 12'	11:10	11:50	-	10	F
12/23/25	2	6' / 12'	12:10	12:14	12:23	9	P
12/23/25	6	7' / 12'	11:49	12:01	12:28	24	P
12/23/25	3	did not test	- see profil	-	-	-	F

REMARKS observed trench stone in test hole #2 & adjusted shelf - some fill dirt most likely from repair perc.
 L&HS Hank Oswald BACKHOE Jenick & Mike Fogles OTHERS Zack Silvest / homeowner

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

(1,000 gal tank) noted by Fogles

Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Monday, January 5, 2026 1:44 PM
To: Debbie VanSant
Subject: Perc Test Results_11706 Wayneridge Court
Attachments: 25-949 Trumbore - Variance Summary and Explanation.pdf; 25-949 Trumbore 100 CD2-SITE.pdf; P49074_05_11710_WAYNERIDGE_COURT.pdf; WS_WayneridgeCourt_11709_SepticPermit_2005.pdf; Perc test letter and specs_11706 Wayneridge Court_260105_115950.pdf

Hi Debbie,

Good afternoon. Attached, please find the perc test results and plan review comments (below) for 11706 Wayneridge Court. Also attached is a copy of a 2nd variance request regarding the existing well by Transforming Architecture. Once we have the PC plan, this office will submit the 2nd variance request (attached) to MDE.

PC Plan Review Comments:

1. Show how two replacement systems fit within the proposed SDA on a supplemental sheet (not part of the PC). If one initial and 2 replacement systems cannot fit, then one initial and one replacement system with a BAT unit will be required.
2. Show proposed addition in relation to proposed well box or 2 alternate well sites.
3. Remove sliver of proposed SDA within the well arc or adjust well box accordingly.
4. Add note, The Maryland Department of the Environment has reviewed the existing well sites and proposed sewage disposal area locations as shown on this plan as recommended by the Howard County Health Department, and has granted a variance to allow the existing well sites located on 11701 Wayneridge Street, and 11705 Wayneridge Street to be downgradient of the proposed sewage disposal area located on 11706 Wayneridge Court.
5. Show septic system components on 11709 and 11710 Wayneridge Court (Records attached).
6. Show perc test hole #6 on plan. See perc test notes for location.
7. Revise purpose statement to include verbiage about the proposed addition.
8. FYI – Fogles inspected the tank and the size was a 1,000 gallons. If this is the case, then the tank must be upgraded to accommodate 4 bedrooms or bedroom count reduced on a future floor plan. Eventually, floor plans for both existing plus proposed will be needed to confirm bedroom count.

If MDE approves the 2nd variance request, then another note will need to be added to the perc cert plan. Should you have any questions, please do not hesitate to contact me.

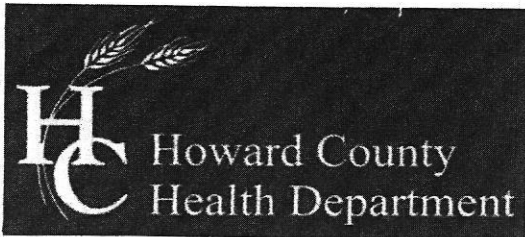
Regards,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
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www.hchealth.org

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

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

Date Submitted 11/14/2025 11706 Wayneridge Court, Fulton, MD 20759

Property Address 2002 (Mooresfield) Subdivision 6 Lot 0041 Tax Map 0014 Grid 0293 Parcel 342341 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): Subdivision Plan submissions 10/11/1963 and 11/7/1963.

5/7/2020 OSDS Repair permit submission.

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: 26.04.04.04.B.2.c, See attached letter.

Property Owner's Signature (Handwritten signatures)

Health Department Use Only

Reviewed by Hank Oswald HCHD Staff 1/21/26 Date

Recommendation: [X] Recommended [] Not Recommended

HCHD Supervisor (Signature) 1/22/26 Date

Comments/Conditions:

Approved by: MDE Representative Date



Transforming Architecture LLC
13464 Clarksville Pike, Highland, MD 20777
p. 301-776-2666
www.TransformingArchitecture.com
info@TransformingArchitecture.com

November 14, 2025

Bureau of Environmental Health
8930 Stanford Boulevard
Columbia, MD 21045

RE: Variance to COMAR Onsite Water/Sewer for MDE Approval – 11706 Wayneridge Court

To whom it may concern,

We are writing to formally request a variance for the property located at 11706 Wayneridge Court in Fulton, as referenced above. The Trumbore Family in coordination with Transforming Architecture, LLC., have designed a 30'-0" x 25'-10" addition to the left side of the existing home. However, the proposed addition extends beyond the allowable 30' setback from the existing well, in reference to buildings with foundations as outlined in the Code of Maryland Regulations: (26.04.04.04.B.2.c). The conditioned part of the addition (on crawlspace) extends 9'-8.5" into the setback, and the unconditioned part of the addition (slab on grade) extends 17'-3.5" into the setback.

The shape and configuration of the existing lot, specifically the placement of the property's lot lines, creates a hardship for the proposed addition. The existing residence is situated tightly between the existing septic tank and proposed (required) SDA at the right of the home, and the existing well at the front-left of the property. In particular, the existing garage located at the front-left of the home is already positioned 13'-7" within the allowable setback for the well. Additionally, there is only 11'-3.5" from the rear of the existing home to the building restriction line, which does not provide adequate space for the proposed addition.

The purpose of the addition is to facilitate Aging-in-Place principles by creating a Primary Bedroom and Bathroom that is designed to accommodate future accessibility needs. The unconditioned (slab on grade) addition is to cover the relocated exterior basement access which needed to be relocated due to the primary suite addition. Additionally, the existing areaway is out of current code compliance, so by relocating and rebuilding, we will be removing a hazard. This will allow the homeowners, as well as service professionals access to the utilities in the basement, while remaining covered and therefore protected from the elements. It is also a much wider stairwell (4') compared to the interior basement access stair (3') to improve safety and usability.

The proposed additions are designed as a slab-on-grade structure, and a crawlspace structure. The conditioned (crawlspace) addition will be built within the existing deck and patio area. The footing for the new addition's foundation will extend no more than 30" below grade, and it will remain well within the boundaries of the existing concrete patio, which already encroaches upon the well setback. The unconditioned (slab on grade) addition extends only 6' past the existing concrete patio, and it also extends only 6'-4" past the existing garage into the well setback.

The variance request is driven by the need to accommodate the limited space available due to the pre-existing conditions on the property. If granted, this variance will allow the addition to proceed in the most minimally invasive manner, while maintaining the design intent of Aging-in-Place, as well as safe secondary basement access. The proposed addition is designed to meet the needs of the homeowners while mitigating the impact on the surrounding area and neighboring properties.



Transforming Architecture LLC
13464 Clarksville Pike, Highland, MD 20777
p. 301-776-2666
www.TransformingArchitecture.com
info@TransformingArchitecture.com

We respectfully submit this request for the variance and believe that the proposed addition represents the minimum deviation necessary from the setback requirements, thereby providing relief from the hardship caused by the restrictive well setback. It is our intention to ensure the addition will have no greater impact on the setback than what is already in place.

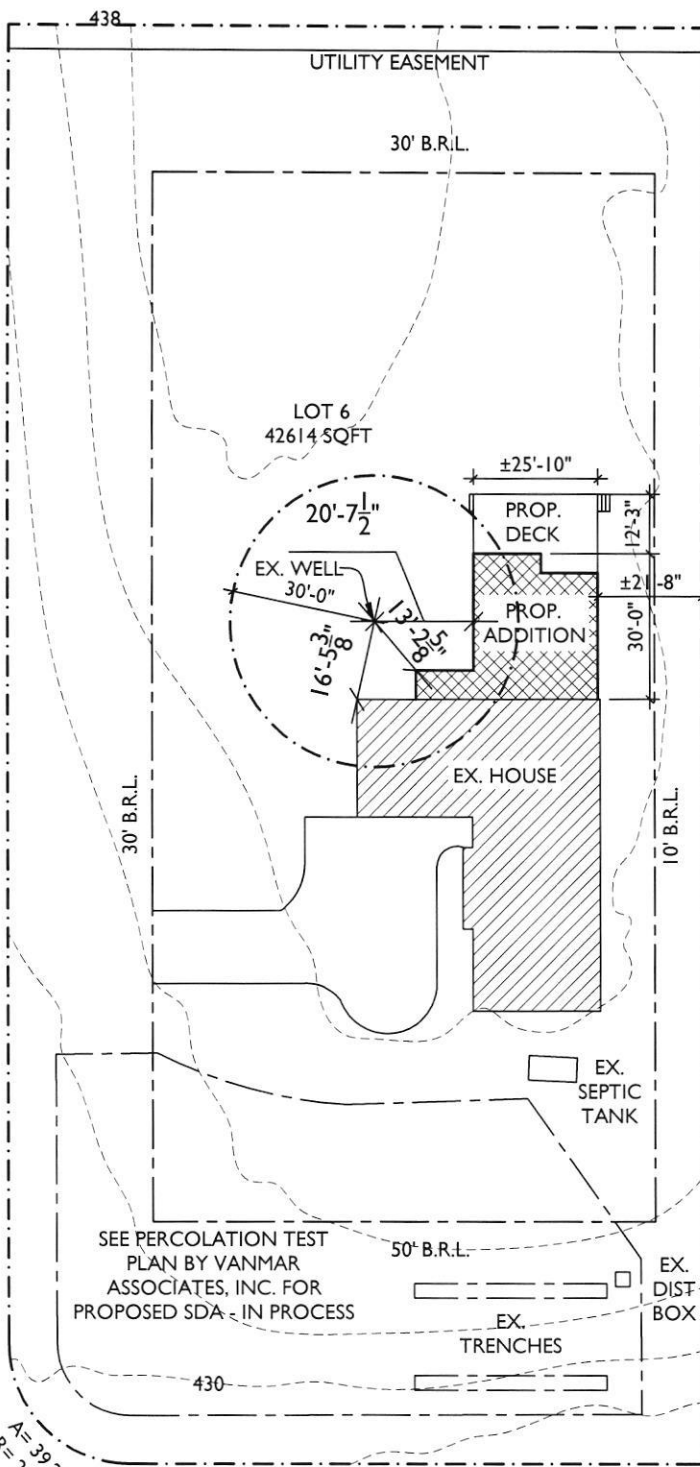
If you have any additional questions or concerns, please do not hesitate to contact us. We appreciate your time and consideration.

Sincerely,

Karen Mosel, AIA

CEO

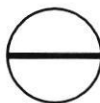
S 74°35'40"E 144.40'



SITE INFO:
 11706 WAYNERIDGE CT
 FULTON, MD 20759
 HOWARD COUNTY
 TAX MAP: 0041
 GRID: 0014
 PARCEL: 0293
 LOT: 6

ZONING RR-DEO
 FRONT BRL : 75' (ROW)
 REAR BRL : 30'
 SIDE BRL : 30' (ROW)
 MAX HT : 40'

PROPERTY LAND AREA : 42,688 SF



SITE PLAN

SCALE: 1"=40'-0"

N 74°35'40"W 119.40'

WAYNERIDGE COURT



13464 Clarksville Pike
 Highland, MD 20777
 301-776-2666
 info@TransformingArchitecture.com
 www.TransformingArchitecture.com

TRUMBORE RESIDENCE

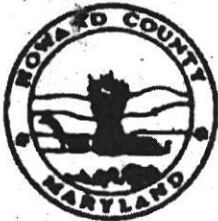
11706 Wayneridge Ct
 Fulton, MD 20759

SITE PLAN

SCALE: AS NOTED

DATE: 11-17-2025

PROJECT: 25-949



HOWARD COUNTY HEALTH DEPARTMENT

67389

DATE
5/7/20

AS

Received From

Fogles Septic Clean

PHONE # 410-795-5670

For

11706 Wayneridge Ct

Peric Test / Pumping Septic Tank

CASH

CHECK

NO.

68049

Three Hundred Thirty

Dollars

\$

330⁰⁰

Received By

W. Youmans

A567389
P567389



Bureau of Environmental Health
8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2540 | Fax: 410-313-2548
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Twitter: HowardCoHealthDep

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

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Failing System
- System relocation for proposed addition
- System upgrade for proposed addition
- Inadequate treatment zone
- Collapsed septic tank
- Collapsed drywell

Existing system design:

- Drywell
- Trench
- Mound
- Unknown
- Other: _____

Has the septic tank been pumped within the last month?

Yes Date pumped: 4/3/20

No

Was a visual inspection of the septic tank and/or drain fields conducted?

Yes Explain observations: Drywell overflow

No

Was a visual inspection of the sewage line conducted?

Yes

Blockage leading to the tank:

Yes Explain: _____

No

Blockage leading to the field:

Yes Explain: _____

No

Is discharge surfacing on the ground?

Yes * BACK FLOW FROM DW INTO TANK. NO SURFACE DISCHARGE

No

Additional Comments: _____

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: Fogle's Septic Clean Contractor's Phone: 410-795-5670

Contractor's Address: 580 Obrecht Rd Sykesville 21784

Property Address: 11706 Wayneridge Ct County file: _____

Subdivision: Monrestield Lot: _____ Year Built: 1968

Owner's Name: Mark Trumbore Owner's Phone: 508-846-0028

Name of previous owners: _____ Existing bedrooms: 4

Proposed bedrooms: _____

Has this request been previously discussed with a Sanitarian? (Name): _____

Public Sewer available/nearby: _____

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

Print out a copy of Real Property Data via Dept. of Taxation website _____ Indexed file found _____

If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required. If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.



**Howard County
Health Department**

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

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Facebook: www.facebook.com/hocohealth

RECEIPT DATE: 5/7/20 **ONSITE SEWAGE DISPOSAL SYSTEM** P 567389

APPROVAL DATE: 05/18/2020 **PERMIT:** **REPAIR** A 567389

PROPERTY ADDRESS: 11706 Wayneridge Court

SUBDIVISION: Mooresfield LOT: 6b TAX ID: 05-342341

CONTRACTOR: Fogles Septic Clean Inc EMAIL: kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670

PROPERTY OWNER: Mark Trumbore EMAIL: _____

OWNER ADDRESS: 11706 Wayneridge Court, Fulton, MD 20759 PHONE: 508-846-0028

SEPTIC TANK SIZE (GALLONS): EXISTING PUMP CHAMBER CAPACITY (GALLONS): - PUMP SIZE: -

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. - APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>72'</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>10'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6'</u>

LOCATION: TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.

NOTES: 2 x 36' TRENCHES. USING PERC B ON LOWER TRENCH BOUND
BY 25' SETBACK TO SWALE AND 100' SET BACK TO NEIGHBORING
WELL.
ADD TANK RISER. AB/SEAL EX DW. REPLACE ALL ORANGE

ISSUED BY: JOSEPH CABALLUC ISSUE DATE: 05/14/2020 EXPIRATION DATE: 05/14/2021

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- 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 DOWNGRADIENT 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 -
- NOTE: THE HCHD DOES NOT WARRANT 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: 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.

279489279189

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	10'
NUMBER OF TRENCHES		2
TOTAL LENGTH		40F
ABSORPTION AREA		120 SF + SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

PRE-CONSTRUCTION:

SEPTIC TANK DATA

SEPTIC TANK I LEVEL _____

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH 3'

BAFFLES OUTLET

BAFFLE FILTER _____

MANHOLE LOC INLET

6" PORT LOC OUTLET

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____

PUMP/SEPTIC TANK LEVEL _____

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

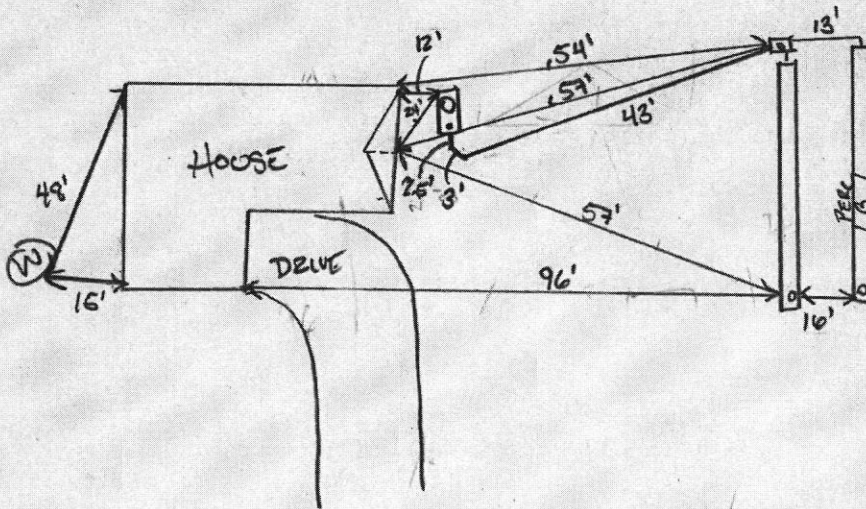
MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____



ROAD NAME
WAYNERIDGE COURT

05/14/2020 TRENCHES LAID OUT AFTER PERC. (+)

INSTALLATION:

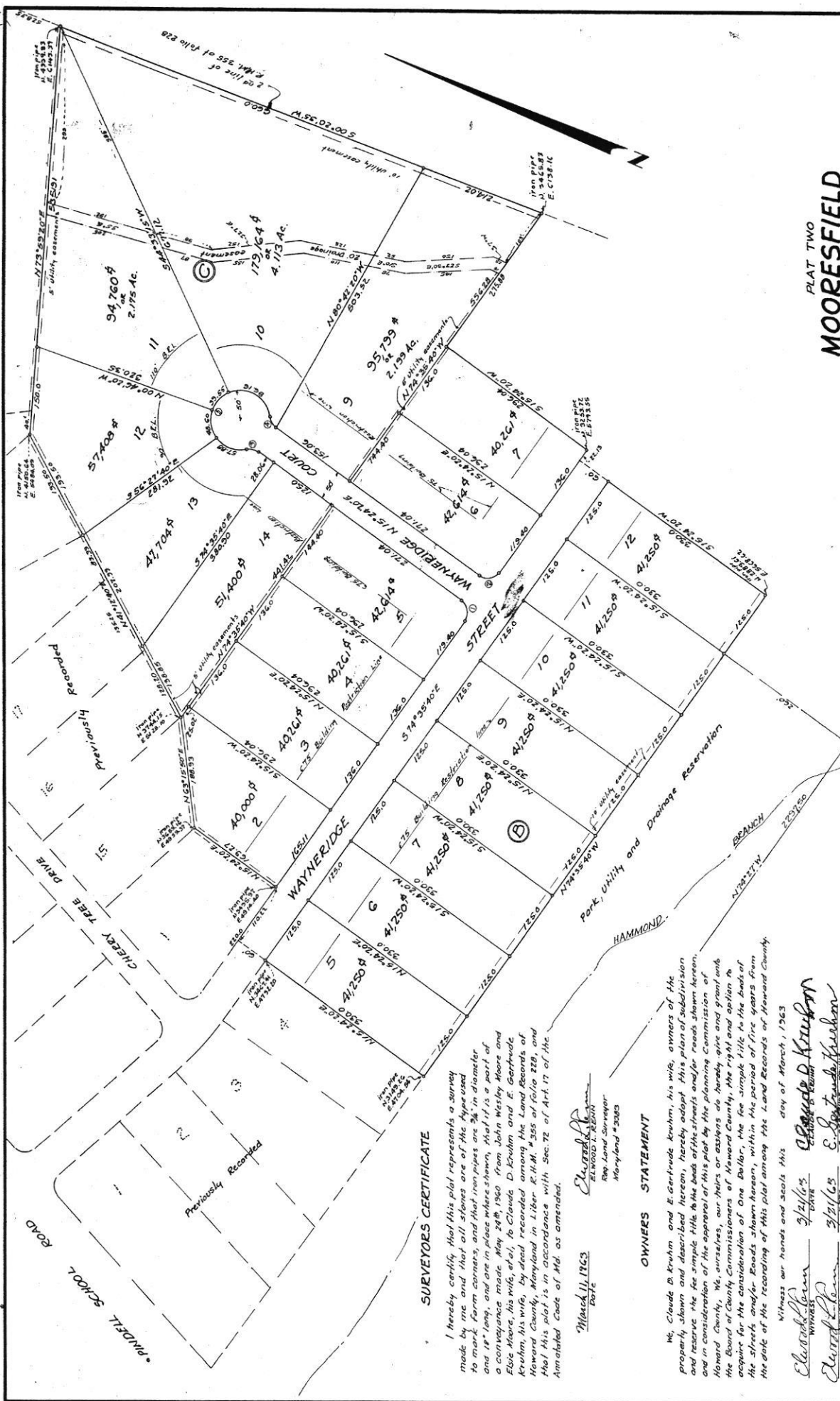
05/15/2020 NEW D BOX TIED INTO EXISTING TANK. UPPER TRENCH BEING CONSTRUCTED (+) (PM) TRENCHES COMPLETE. D BOX LEVELLED WITH SPEED LEVELS. ER DN PUMPED. NEW RISEE INSTALLED ON EX TANK. (+)

05/18/2020 DWS FILLED; OUTLET BAFFLE INSTALLED. (+)

FINAL INSPECTOR

DATE OF APPROVAL

05/18/2020



PLAT TWO
MOORESFIELD
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 SCALE: 1"=100' MARCH, 1963

REHM SURVEYS
 BOX # 85
 DAMASCUS, MD.

FILED OCT 11 1963

MSA 355.1247-2703

10-9-63	Wilmu K. Lane	DATE	CHAIRMAN, HOWARD CO PLANNING COMM.
10-10-63	John S. Johnson	DATE	CHAIRMAN, HOWARD CO PLANNING COMM.
10-16-63	Edward D. Kruehm	DATE	CHAIRMAN, HOWARD CO PLANNING COMM.
10-10-63	Carl W. Numpy	DATE	CHAIRMAN, HOWARD CO PLANNING COMM.

- Note:
1. Area in lots = 25,304 Ac.
 2. Area in streets = 2,071 Ac.
 3. Coordinates assumed
 4. Meridian same as Hopkins-Mead Sub.

SUEVETORS CERTIFICATE

I hereby certify that this plat represents a survey made by me and that all stones are of the type used and 18" long, and are in place where shown, that it is a part of a conveyance made May 24th 1960 from John Wesley Moore and Elsie Moore, his wife, et al, to Clavda D. Kruehm and E. Gertrude Kruehm, his wife, by deed recorded among the Land Records of Howard County, Maryland in Liber R.H.M. #395 of folio 228, and that this plat is in accordance with Sec. 72 of Art. 17 of the Annotated Code of Md. as amended.

March 11, 1963
 Edward D. Kruehm
 EDWARD D. KRUEHM
 Registered Surveyor
 Maryland #3005

OWNERS STATEMENT

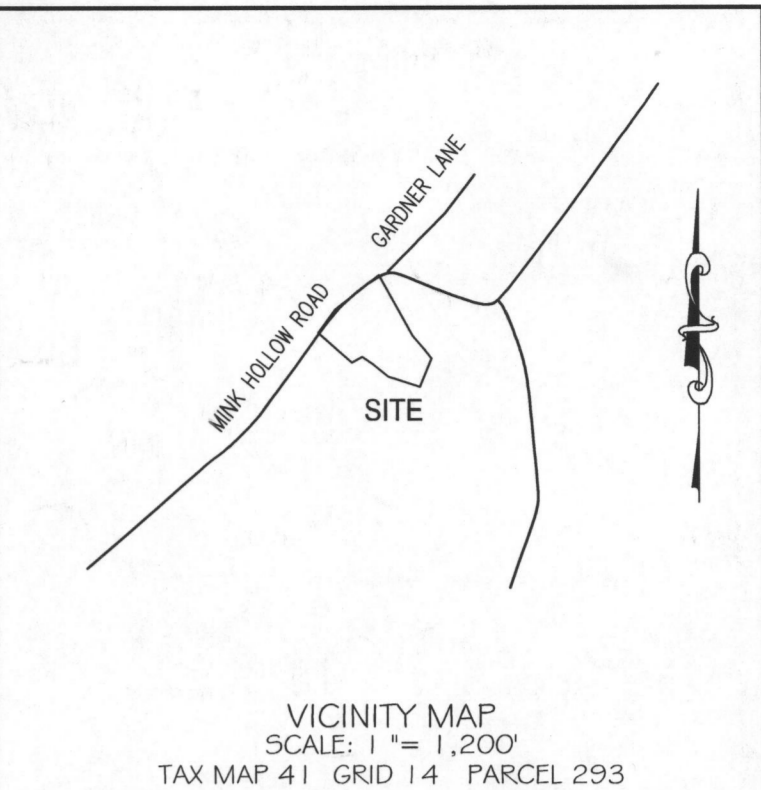
We, Clavda D. Kruehm and E. Gertrude Kruehm, his wife, owners of the property shown and described hereon, hereby adopt this plan of subdivision and reserve the fee simple title to the beds of the streets and/or roads shown hereon, and in consideration of the approval of this plat by the planning Commission of Howard County, Md. ourselves, our heirs or assigns do hereby give and grant unto the Board of County Commissioners of Howard County, the right and option to acquire for the consideration of One Dollar, the fee simple title to the beds of the streets and/or roads shown hereon, within the period of five years from the date of the recording of this plat among the Land Records of Howard County.

Witness our hands and seals this day of March, 1963
 Edward D. Kruehm
 EDWARD D. KRUEHM
 E. Gertrude Kruehm
 E. GERTRUDE KRUEHM

Lot	Area	Bearing	Dist.
1	2.07	N 0° 00' 00" W	39.17
2	2.17	N 0° 00' 00" W	39.17
3	2.01	N 0° 00' 00" W	39.17
4	0.10	N 0° 00' 00" W	39.17
5	0.10	N 0° 00' 00" W	39.17
6	0.10	N 0° 00' 00" W	39.17
7	0.10	N 0° 00' 00" W	39.17
8	0.10	N 0° 00' 00" W	39.17
9	0.10	N 0° 00' 00" W	39.17
10	0.10	N 0° 00' 00" W	39.17
11	0.10	N 0° 00' 00" W	39.17
12	0.10	N 0° 00' 00" W	39.17
13	0.10	N 0° 00' 00" W	39.17
14	0.10	N 0° 00' 00" W	39.17

503
" 4/63

Edward J. Bennett



- GENERAL NOTES:
- OWNER: TRUMBORE FAMILY TRUST
DEED REFERENCE LIBER: 15869 FOLIO: 207
DATE: OCTOBER 15, 2014
GRANTOR: KENNETH & LEANNE GLUECK
 - TAX MAP: 41 GRID: 14 PARCEL: 293
 - THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240270065D EFFECTIVE ON 1/16/2013.
 - TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/91) PER HOWARD COUNTY SURVEY CONTROL.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS UNLESS OTHERWISE SHOWN HEREON.
 - SOIL TYPE: (M&C) MANOR, SOIL WEB SURVEY MAP
 - ZONING DISTRICT: RR-DEO
 - THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT
 - THE EXISTING WELLS SHOWN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC.
 - ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
 - THE BUILDING PERMIT CANNOT BE APPROVED UNTIL ALL REQUIRED WELL AND SEPTIC UPGRADES HAVE BEEN COMPLETED.

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND 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 SEPTIC 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 AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A REVISED SEWAGE AREA SHALL NOT BE NECESSARY.

PROPOSED PERCOLATION TEST SITE: ⊕
 (PASSED) PERCOLATION TEST SITE: ⊕
 (FAILED) PERCOLATION TEST SITE: ⊕
 EX. WELL: ●

OWNER:
TRUMBORE FAMILY TRUST
MARK W. & LYNETTE TRUMBORE, TRUSTEES
11706 WAYNERIDGE COURT
FULTON, MD. 20759
978-439-6513

THE PURPOSE OF THIS PERCOLATION TEST PLAN IS TO ESTABLISH AN ONSITE SEWAGE DISPOSAL AREA FOR THE EXISTING HOUSE

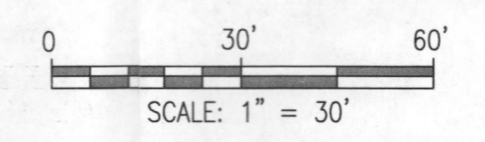
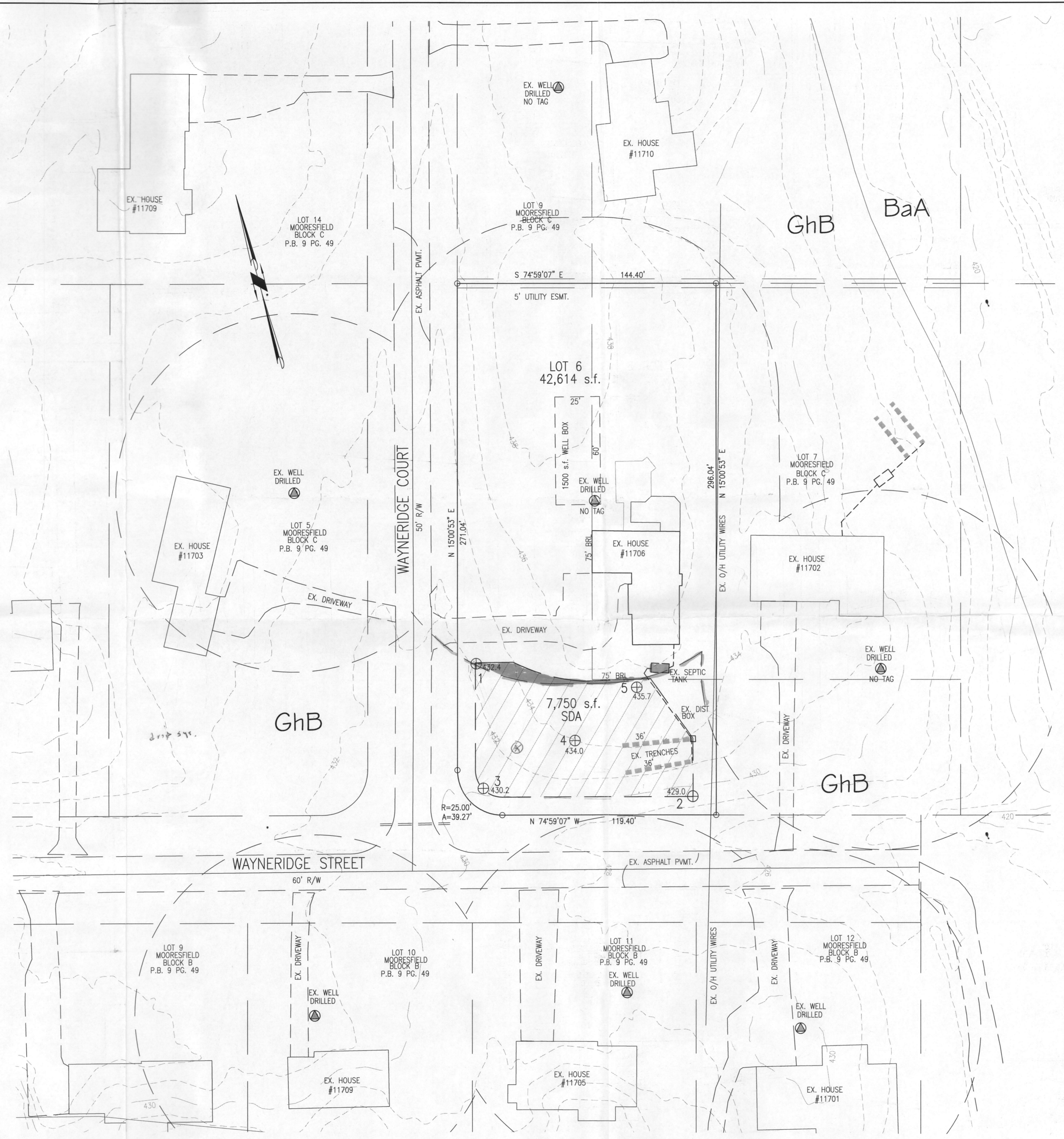
DATE	REVISIONS
11/24/25	HD COMMENTS

Digitally signed by *[Signature]*
 Date: 2025.11.24 12:43:03-05'00'

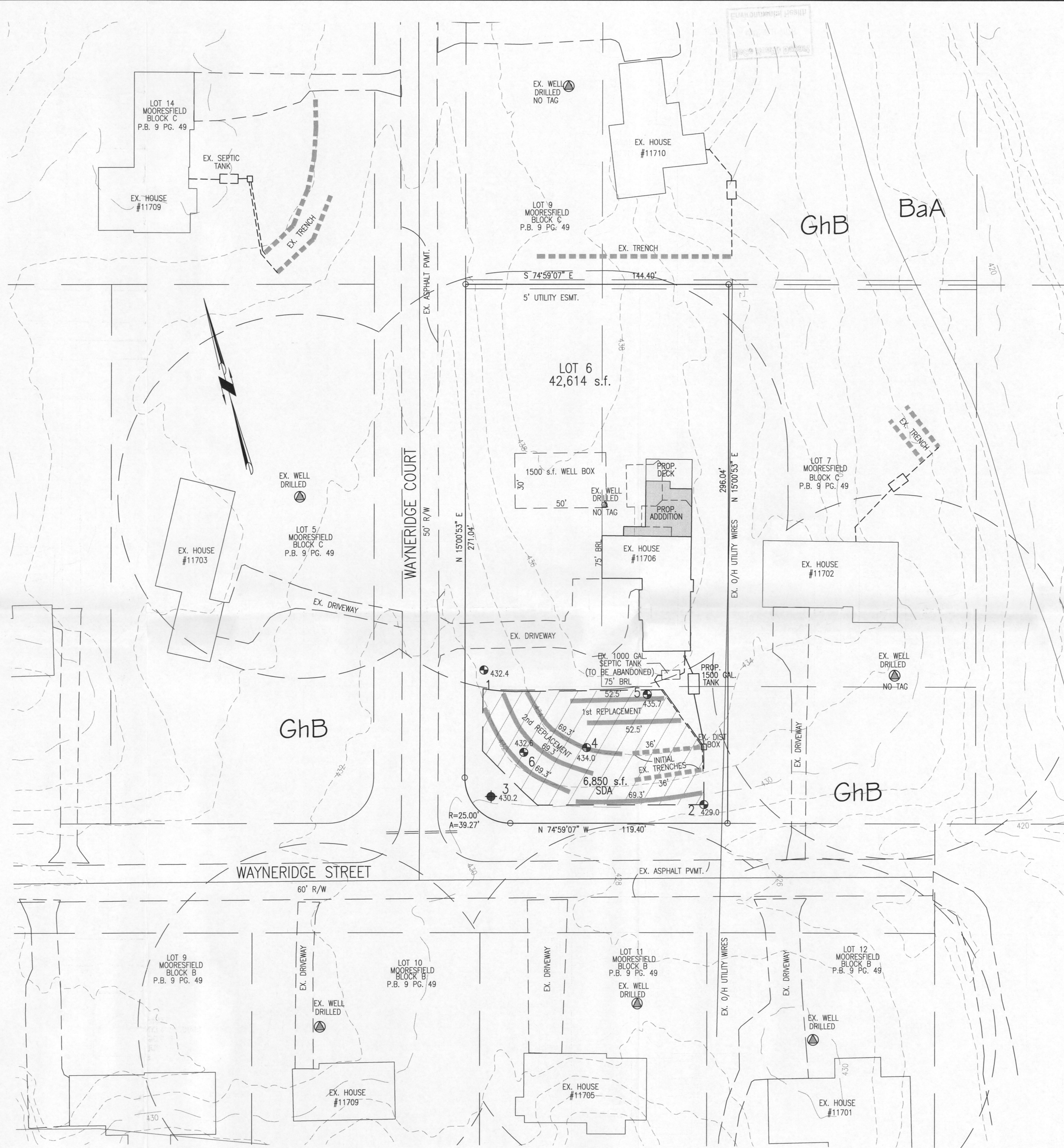
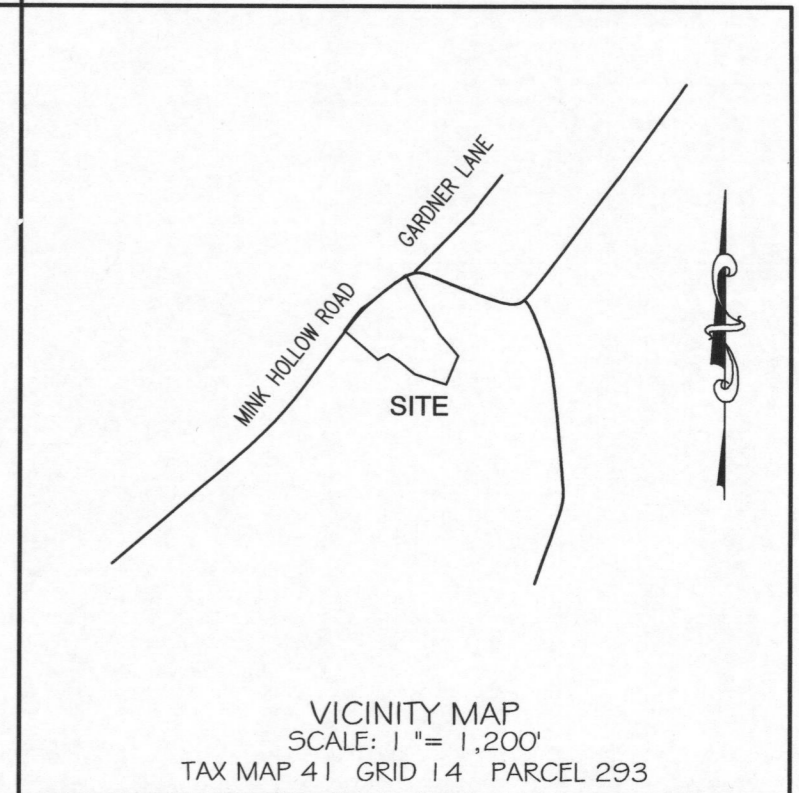
PERCOLATION TEST PLAN
LOT 6 PLAT TWO
MOORESFIELD
P.B. 9 PG. 49
11706 WAYNERIDGE COURT
ELECTION DISTRICT NO. 5
HOWARD COUNTY, MARYLAND

TAX MAP: 41 GRID NO: 14 PARCEL NO: 293
ELECTION DISTRICT: No. 5 HOWARD COUNTY, MARYLAND EX. ZONING: RR-DEO
SCALE: 1" = 30' DATE: NOVEMBER, 2025 SHEET 1 OF 1

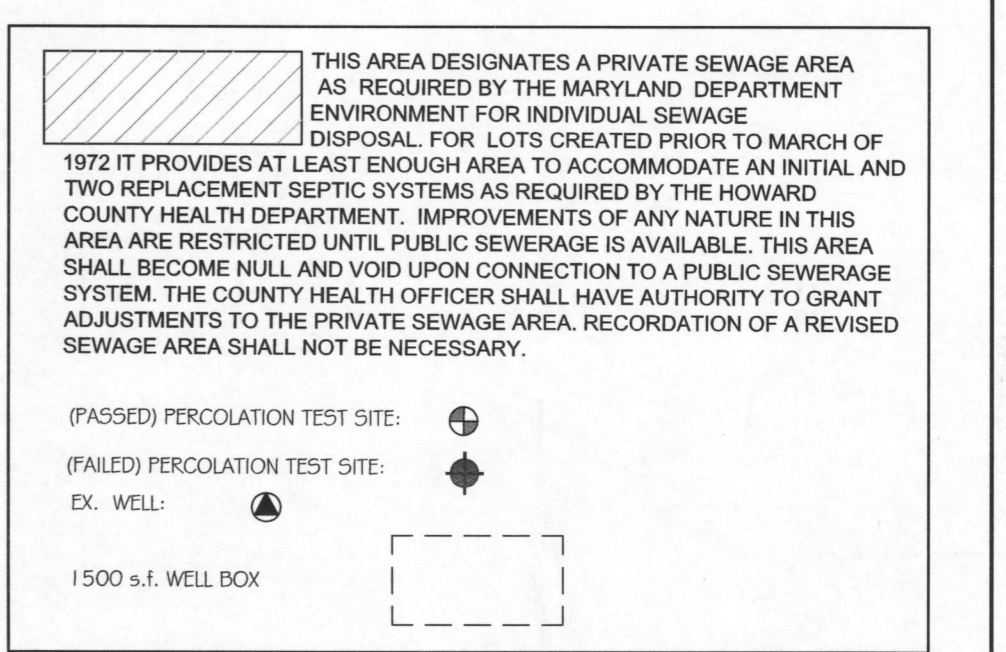
VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5803 ©Copyright, Latest Date Shown



PROFESSIONAL CERTIFICATION
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. 18417, Expiration Date: 9-18-27



- GENERAL NOTES:
- OWNER: TRUMBORE FAMILY TRUST
DEED REFERENCE: LIBER 15869 FOLIO 207
DATE: OCTOBER 15, 2014
GRANTOR: KENNETH & LEANNE GLUECK
 - TAX MAP: 41 GRID: 14 PARCEL: 293
 - THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240270065D EFFECTIVE ON 11/6/2013.
 - TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/91) PER HOWARD COUNTY SURVEY CONTROL.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS UNLESS OTHERWISE SHOWN HEREON.
 - SOIL TYPE: (MaC) MANOR, SOIL WEB SURVEY MAP
 - ZONING DISTRICT: RR-DEO
 - THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT
 - THE EXISTING WELLS SHOWN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC.
 - ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
 - A SITE PLAN SHOWING THE NECESSARY DETAILS FOR THE INSTALLATION OF THE NEW SEPTIC TANK IS REQUIRED PRIOR TO THE RELEASE OF THE SEPTIC PERMIT.
 - THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS REVIEWED THE EXISTING WELL SITES AND PROPOSED SEWAGE DISPOSAL AREA LOCATIONS AS SHOWN ON THIS PLAN AS RECOMMENDED BY THE HOWARD COUNTY HEALTH DEPARTMENT, AND HAS GRANTED A VARIANCE TO ALLOW THE EXISTING WELL SITES LOCATED ON 11701 AND 11705 WAYNERIDGE STREET TO BE DOWNGRADIENT OF THE PROPOSED SEWAGE DISPOSAL AREA LOCATED ON 11706 WAYNERIDGE COURT.
 - DUE TO SITE LIMITATIONS, THE PROPOSED SDA CAN ONLY SUPPORT A HOUSE WITH A MAXIMUM BEDROOM COUNT OF FOUR. THE TRENCHES SHOWN IN THE SDA REPRESENT A 4 BEDROOM DESIGN.
 - THE BUILDING PERMIT MAY NOT BE APPROVED UNTIL THE INSTALLATION AND APPROVAL OF THE NEW SEPTIC TANK.
 - A MDE VARIANCE FOR COMAR REGULATION 26.04.04.04.B.2c FOR WELL SETBACK FROM EXISTING HOME WAS APPROVED 2/24/2026.

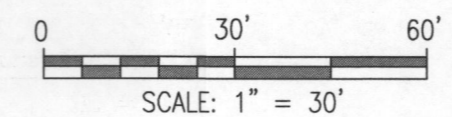


OWNER:
TRUMBORE FAMILY TRUST
MARK W. & LYNETTE TRUMBORE, TRUSTEES
11706 WAYNERIDGE COURT
FULTON, MD. 20759
978-439-6513

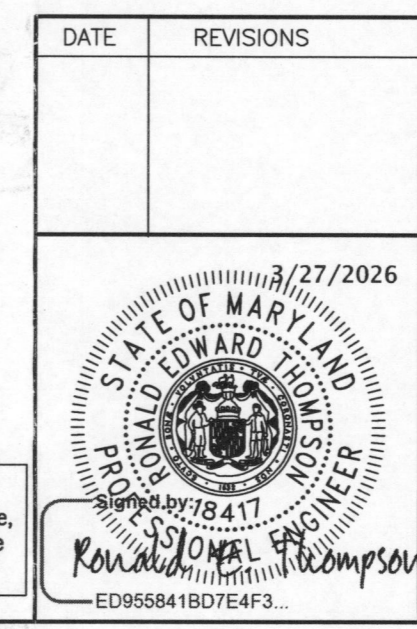
THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO ESTABLISH AN ONSITE SEWAGE DISPOSAL AREA FOR THE EXISTING HOUSE AND PROPOSED ADDITION.

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

[Signature]
HOWARD COUNTY HEALTH OFFICER
DATE: 4/7/26



PROFESSIONAL CERTIFICATION
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. 18417, Expiration Date: 9-18-27



DATE: 3/27/2026	REVISIONS:
PERCOLATION CERTIFICATION PLAN LOT 6 PLAT TWO MOORESFIELD P.B. 9 PG. 49 11706 WAYNERIDGE COURT ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND	
TAX MAP: 41 GRID NO: 14 PARCEL NO: 293	ELECTION DISTRICT: No. 5 HOWARD COUNTY, MARYLAND EX. ZONING: RR-DEO
SCALE: 1" = 30' DATE: JANUARY, 2026 SHEET 1 OF 1	
 VANMAR ASSOCIATES, INC. Engineers Surveyors Planners 310 South Main Street Mount Airy, Maryland 21771 (301) 829-2890 (301) 831-5015 (410) 549-2751 Fax (301) 831-5603 © Copyright, Latest Date Shown	