

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: 14408 Dorsey Mill Road

Subdivision: Lot:

- * Initial system: Application rate: 1.2 Effective area beginning depth: 6 Bottom maximum depth: 7
1st Replacement: Application rate: 1.2 Effective area beginning depth: 5 Bottom maximum depth: 8
* 2nd Replacement: Application rate: 1.2 Effective area beginning depth: 5 Bottom maximum depth: 8

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

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

Sidewall reduction credit formula:

(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:

- Trenches must be located to provide room for 3 systems in the disposal area
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:

* If only two systems can fit, utilize Initial & 2nd.
* BAT unit will be required

Approved: Maura J. Rossman Date: 1/15/25



439 East Main Street, Westminster, MD 21157-5539
 v. (410) 848-1790 ~ f. (410) 848-1791

Transmit To:
 Zack Silvast
 Environmental Health Specialist
 Development Coordination, Well & Septic
 Program
 Howard County Bureau of Environmental Health
 8930 Stanford Boulevard
 Columbia, MD 21046

Project Info:
 ROBERT H. DILL PROPERTY
 14408 Dorsey Mill Road
 Howard County, MD
 Project No: 2024186 Date: Dec 26, 2024

We are Transmitting:

| | | | | | |
|---|--|---|--|---|--------------------------|
| <input checked="" type="checkbox"/> Here with | <input type="checkbox"/> Originals | <input type="checkbox"/> Computer Media | <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Via Overnight | <input type="checkbox"/> |
| <input type="checkbox"/> Our | <input checked="" type="checkbox"/> Prints | <input type="checkbox"/> Project Manuals | <input type="checkbox"/> Payment Cert. | <input type="checkbox"/> Express Mail | <input type="checkbox"/> |
| <input type="checkbox"/> Your | <input type="checkbox"/> Copies | <input type="checkbox"/> Product Literature | <input type="checkbox"/> Change Order | <input type="checkbox"/> 1st Class Mail | <input type="checkbox"/> |

| Sets | Type | Dwg No | Dated | Description |
|------|-------------|---------|------------|-----------------------|
| 3 | D Size Bond | 2024186 | 12/26/2024 | Signed Perc Cert Plan |

| | | | | |
|---------------------------------------|--|--------------------------------------|--|--------------------------|
| <input type="checkbox"/> As Requested | <input type="checkbox"/> For Your Use | <input type="checkbox"/> For Filing | <input checked="" type="checkbox"/> For Approval | <input type="checkbox"/> |
| <input type="checkbox"/> As Required | <input type="checkbox"/> For Your Review | <input type="checkbox"/> For Bidding | <input type="checkbox"/> As Discussed | <input type="checkbox"/> |

Remarks:

Copy To _____

If enclosures are not as noted,
 please notify us immediately.

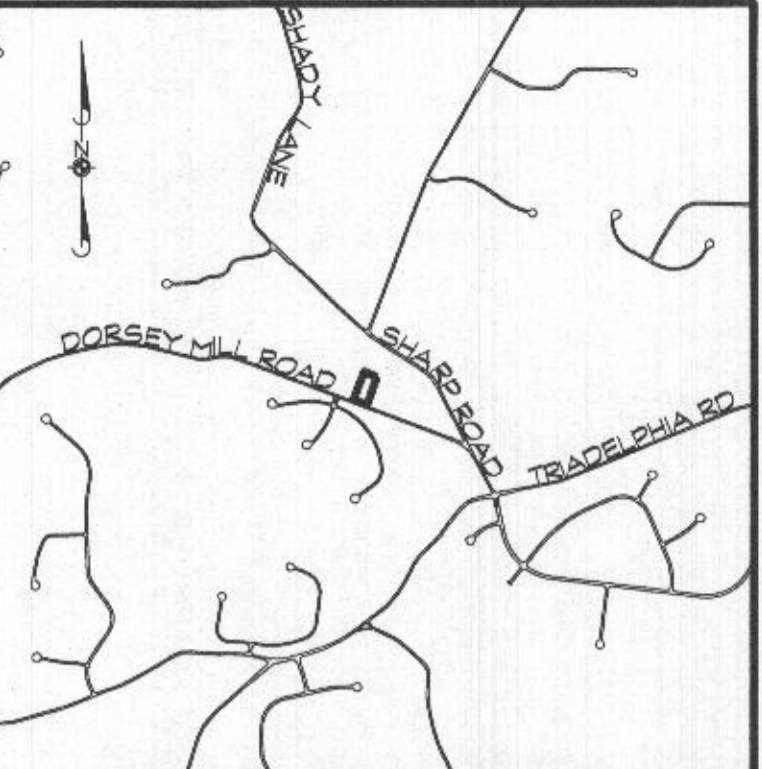
Matthew T. Shipley

ENTIRE SITE AND ADJOINING PROPERTIES
ARE ALL GgB (Glenelg Loom 3-8% slopes)

BOUNDARY BY PLAT
PB 6, PG 93

LEGEND

- SSO— EX. 10' CONTOUR
- - - EX. 2' CONTOUR
- △ EX. WELL
- SOL. LINES
- EX. TREE CANOPY
- MINIMUM BUILDING LINE
- EX. SEPTIC CLEANOUT LOCATION
- 1,500 SQ. FT. WELL BOX
- ⊗ PROPOSED PERC TEST
- ▨ PROPOSED SDA



DATA TABULATIONS

ZONING DISTRICT: RR-DEO
GROWTH TIER: II
NUMBER OF BUILDING SITES: 1
TOTAL AREA OF LOT: 1.02 ACRES

GENERAL NOTES

1. CURRENT TITLE REFERENCE:
OWNER: JMD LEGACY PROPERTIES, LLC
DEED REFERENCE: L. 22388, P. 142
DATE: JUNE 24, 2024
GRANTOR: ROBERT MARK PASLEY
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
4. THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO MAPS AND FIELD VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
5. ALL EXISTING WELLS AND/OR SEWER DISPOSAL AREA WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEPTIC DISPOSAL AREA SHOWN.
6. ALL STORM-WATER MANAGEMENT DEVICES WILL MEET HOWARD COUNTY SETBACKS TO ALL WELL SITES AND ON-SITE DISPOSAL SYSTEMS.
7. THE BOUNDARY SHOWN HEREON IS FROM THE RECORDED PLAT. NO BOUNDARY RETRACEMENT SURVEY WAS PERFORMED BY CLSI.
8. THIS PLAN IS A BENEFIT TO THE CUSTOMER ONLY INsofar AS IT IS REQUIRED BY HOWARD COUNTY FOR THE PURPOSE OF THE APPROVAL OF THE PERCOLATION TEST. IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF BOUNDARY, EASEMENT OR RIGHT-OF-WAY LINES FOR ANY REASON, SUCH AS THE LOCATION OF FENCES, GARAGES, BUILDINGS OR FUTURE IMPROVEMENTS, OFFSETS OF BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS, OFFSETS OF BUILDINGS TO PROPERTY LINE ARE TO THE NEAREST FOOT (") UNLESS OTHERWISE NOTED.
9. M.B.L. DENOTES MINIMUM BUILDING LINE.

ANY EXISTING TREES LOCATED WITHIN THE SEWAGE DISPOSAL AREA THAT INTERFERE WITH SEPTIC SYSTEM INSTALLATION SHALL BE REMOVED AT THE TIME OF SEPTIC SYSTEM INSTALLATION

NOTE: THE PURPOSE OF THIS PLAN IS TO CONDUCT PERCOLATION TESTING IN ORDER TO ESTABLISH A FORMAL SEWAGE DISPOSAL AREA CAPABLE OF SUPPORTING UP TO 3 TOTAL BEDROOMS. ANY PLANNED RENOVATIONS ARE INTERIOR ONLY. NO CHANGE IN FOOTPRINT OF THE EXISTING DWELLING IS PLANNED.

OWNER/DEVELOPER

JMD LEGACY PROPERTIES, LLC
13209 GULLFORD RUN LANE
SILVER SPRING, MD 20904

PERCOLATION TESTING PLAN
PROPERTY OF ROBERT H. DILL
LOT 1

14408 DORSEY MILL ROAD * GLENWOOD, MD 21738
TAX MAP: 21 * GRID: 17 * PARCEL: 77
4TH ELECTION DISTRICT * HOWARD COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Javier Morales Rodan
Professional Land Surveyor No. 21885
My License Expires August 09, 2025

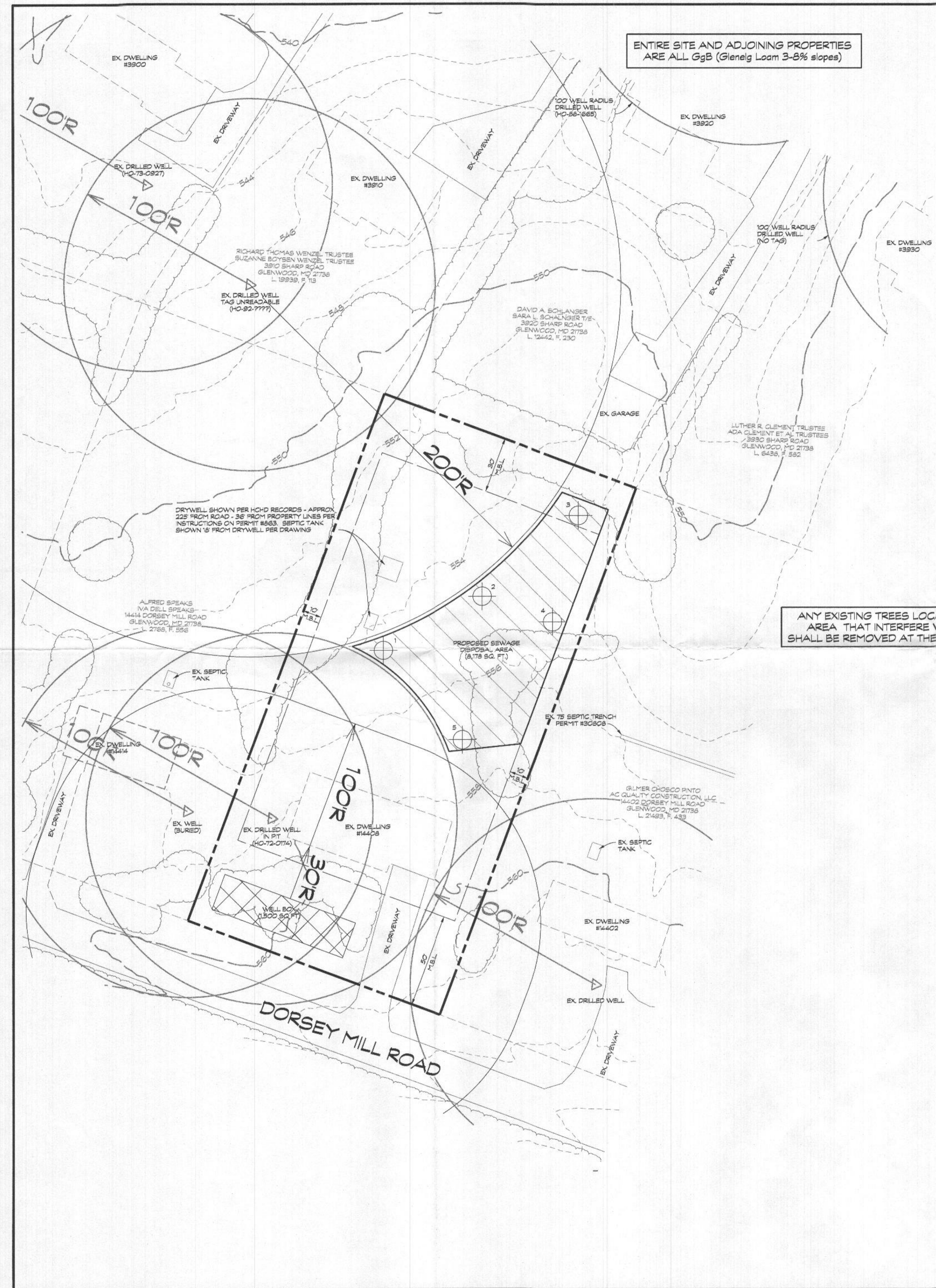
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JAVIER MORALES RODAN, PROFESSIONAL LAND SURVEYOR
NO. 21885 LICENSE EXPIRES AUGUST 09, 2025

| DATE | REVISIONS | DRAWN BY: | MS |
|------|-----------|--------------|-------------|
| | | DESIGNED BY: | MS |
| | | REVIEWED BY: | |
| | | DATE: | SEPT., 2024 |
| | | SCALE: | 1" = 30' |
| | | JOB NO.: | 2024-188 |
| | | SHEET: | 1 OF 1 |

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



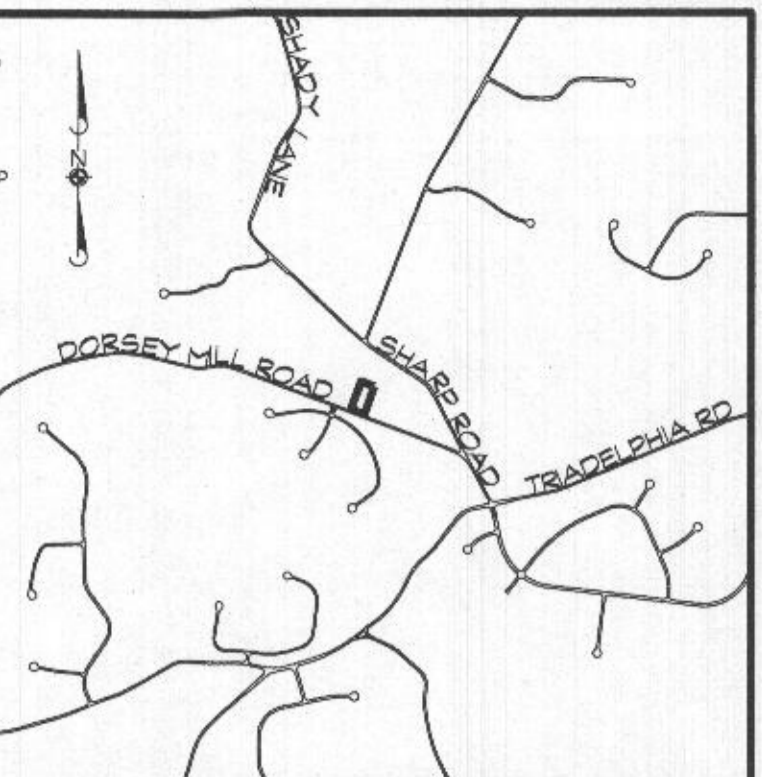
ENTIRE SITE AND ADJOINING PROPERTIES ARE ALL GgB (Glenelg Loom 3-8% slopes)

BOUNDARY BY PLAT PB 6, PG 93

ANY EXISTING TREES LOCATED WITHIN THE SEWAGE DISPOSAL AREA THAT INTERFERE WITH SEPTIC SYSTEM INSTALLATION SHALL BE REMOVED AT THE TIME OF SEPTIC SYSTEM INSTALLATION

LEGEND

- EX. 10' CONTOUR
- EX. 2' CONTOUR
- △ EX. WELL
- SOIL LINES
- EX. TREE CANOPY
- MINIMUM BUILDING LINE
- EX. SEPTIC CLEANOUT LOCATION
- 1,500 SQ. FT. WELL BOX
- ⊗ PROPOSED PERC TEST
- ▨ PROPOSED SDA



VICINITY MAP Scale: 1" = 2000'

DATA TABULATIONS

ZONING DISTRICT: R3-DEO
 GROWTH TIER: II
 NUMBER OF BUILDING SITES: 1
 TOTAL AREA OF LOT: 1.02 ACRES

GENERAL NOTES

1. CURRENT TITLE REFERENCE:
 OWNER: JMD LEGACY PROPERTIES, LLC
 DEED REFERENCE: L 22388, F. 142
 DATE: JUNE 24, 2024
 GRANTOR: ROBERT MARK PASLEY
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
4. THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO MAPS AND FIELD VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
5. ALL EXISTING WELLS AND/OR SEWER DISPOSAL AREA WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEPTIC DISPOSAL AREA SHOWN.
6. ALL STORM-WATER MANAGEMENT DEVICES WILL MEET HOWARD COUNTY SETBACKS TO ALL WELL SITES AND ON-SITE DISPOSAL SYSTEMS.
7. THE BOUNDARY SHOWN HEREON IS FROM THE RECORDED PLAT. NO BOUNDARY RETRACTION SURVEY WAS PERFORMED BY CLSI.
8. THIS PLAN IS A BENEFIT TO THE CUSTOMER ONLY INsofar AS IT IS REQUIRED BY HOWARD COUNTY FOR THE PURPOSE OF THE APPROVAL OF THE PERCOLATION TEST. IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF BOUNDARY, EASEMENT OR RIGHT-OF-WAY LINES FOR ANY REASON, SUCH AS THE LOCATION OF FENCES, GARAGES, BUILDINGS OR FUTURE IMPROVEMENTS, OFFSETS OF BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. OFFSETS OF BUILDINGS TO PROPERTY LINE ARE TO THE NEAREST FOOT (1) UNLESS OTHERWISE NOTED.
9. M.B.L. DENOTES MINIMUM BUILDING LINE

NOTE: THE PURPOSE OF THIS PLAN IS TO CONDUCT PERCOLATION TESTING IN ORDER TO ESTABLISH A FORMAL SEWAGE DISPOSAL AREA CAPABLE OF SUPPORTING UP TO 5 TOTAL BEDROOMS. ANY PLANNED RENOVATIONS ARE INTERIOR ONLY. NO CHANGE IN FOOTPRINT OF THE EXISTING DWELLING IS PLANNED.

OWNER/DEVELOPER

JMD LEGACY PROPERTIES, LLC
 13209 GULFORD RUN LANE
 SILVER SPRING, MD 20904

PERCOLATION TESTING PLAN
PROPERTY OF ROBERT H. DILL
LOT 1
 14408 DORSEY MILL ROAD * GLENWOOD, MD 21738
 TAX MAP: 21 * GRID: 17 * PARCEL: 77
 4TH ELECTION DISTRICT * HOWARD COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
 (410) 848-1790 FAX (410) 848-1791

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JAVIER MORALES ROLDAN, PROFESSIONAL LAND SURVEYOR
 NO. 21885 LICENSE EXPIRES AUGUST 09, 2025

| DATE | REVISIONS | DRAWN BY: | MS |
|------|-----------|--------------|-------------|
| | | DESIGNED BY: | MS |
| | | REVIEWED BY: | |
| | | DATE: | SEPT., 2024 |
| | | SCALE: | 1" = 30' |
| | | JOB NO.: | 2024168 |
| | | SHEET: | 1 OF 1 |

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

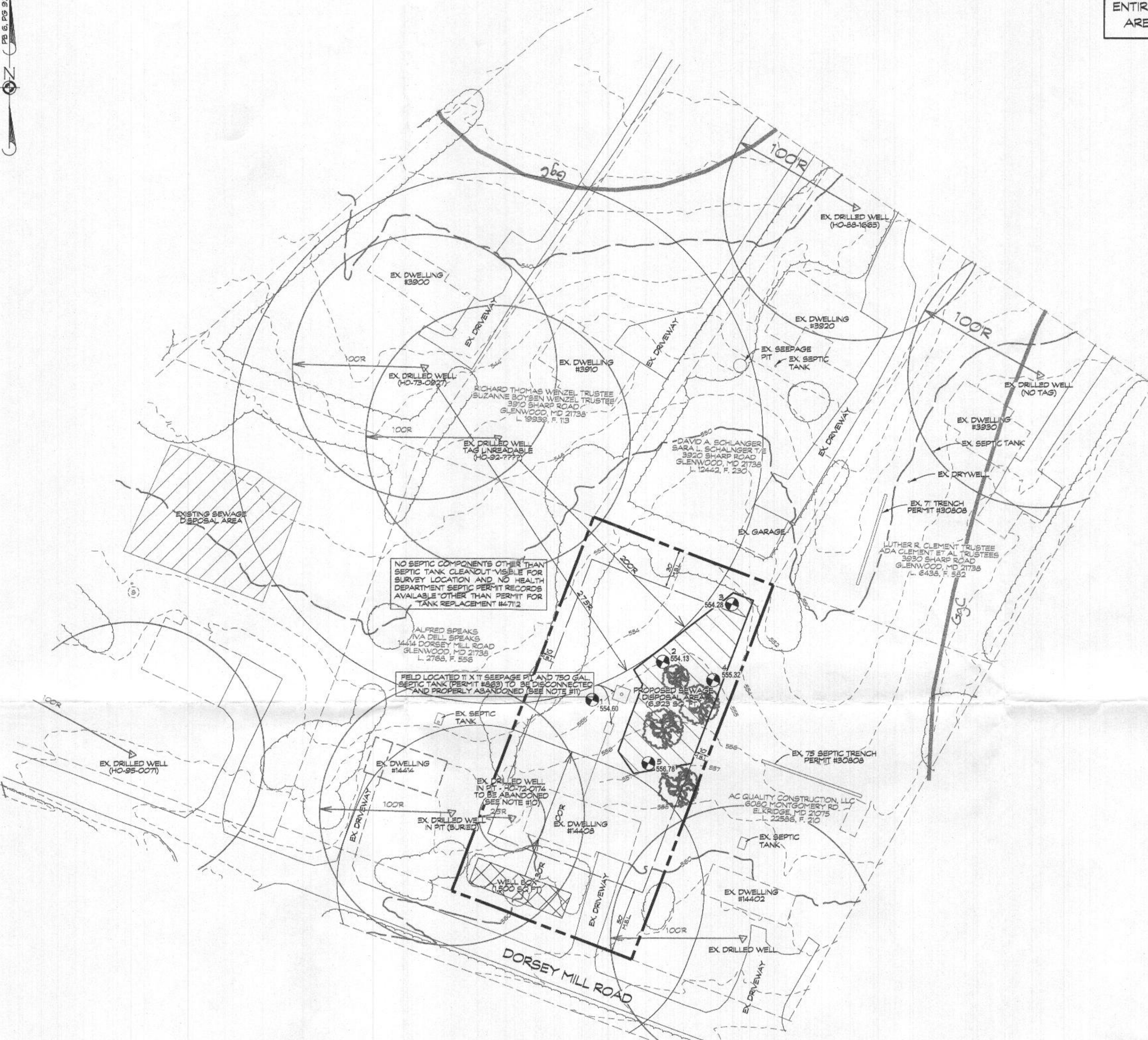
BOUNDARY BY PLAT
PB 6, PG 93

ENTIRE SITE AND ADJOINING PROPERTIES
ARE ALL GgB (Glenelg Loam 3-8% slopes)

LEGEND

- EX TREE
- EX TREE CANOPY
- PASSING PERC TEST
- PROPOSED SDA
- 1,500 SQ FT. WELL BOX
- EX 10' CONTOUR
- EX 2' CONTOUR
- MINIMUM BUILDING LINE
- SOL LINES
- EX SEPTIC CLEANOUT LOCATION
- EX WELL

VICINITY MAP Scale: 1" = 2000'



DATA TABULATIONS
 ZONING DISTRICT: RA-DEO
 GROWTH TIER: II
 NUMBER OF BUILDING SITES: 1
 TOTAL AREA OF LOT: 1.01 ACRES

- GENERAL NOTES**
- CURRENT TITLE REFERENCE:
OWNER: JMD LEGACY PROPERTIES, LLC
DEED REFERENCE: L 22868, P. 142
DATE: JUNE 24, 2024
GRANTOR: ROBERT MARK PASLEY
 - ANY CHANGES TO THE SEWAGE DISPOSAL AREA SHOWN HEREON SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD SURV / FIELD VERIFIED TOPOGRAPHY CONDUCTED BY CLSI IN NOVEMBER, 2024.
 - ALL EXISTING WELLS AND/OR SEWAGE DISPOSAL AREAS WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEWAGE DISPOSAL AREA UNLESS OTHERWISE SHOWN HEREON.
 - ALL STORMWATER MANAGEMENT DEVICES WILL MEET HOWARD COUNTY SETBACKS TO ALL WELL SITES AND ON-SITE DISPOSAL SYSTEMS.
 - THE BOUNDARY SHOWN HEREON IS FROM THE RECORDED PLAT (PB 6, PG 93). NO BOUNDARY RETRACEMENT SURVEY WAS PERFORMED BY CLSI.
 - M.S.L. = MINIMUM BUILDING LINE
 - THIS PLAN IS A BENEFIT TO THE CUSTOMER ONLY INsofar AS IT IS REQUIRED BY HOWARD COUNTY FOR THE PURPOSE OF THE APPROVAL OF THE PERCOLATION TEST. IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF BOUNDARY, EASEMENT OR RIGHT-OF-WAY LINES FOR ANY REASON, SUCH AS THE LOCATION OF FENCES, GARAGES, BUILDINGS OR FUTURE IMPROVEMENTS, OFFSETS OF BUILDING OR OTHER EXISTING OR FUTURE IMPROVEMENTS, OFFSETS OF BUILDINGS TO PROPERTY LINE ARE TO THE NEAREST FOOT (1) UNLESS OTHERWISE NOTED.
 - THE EXISTING DRILLED WELL (HO-72-076) MUST BE PROPERLY ABANDONED AND A NEW WELL MUST BE DRILLED. DOCUMENTATION OF PROPER WELL ABANDONMENT MUST BE SENT TO HOWARD COUNTY HEALTH DEPARTMENT.
 - THE EXISTING SEEPAGE PIT AND SEPTIC TANK MUST BE DISCONNECTED AND PROPERLY ABANDONED. A NEW SEPTIC SYSTEM MUST BE INSTALLED TO ACCOMMODATE THE PROPOSED ADDITION OF BEDROOMS TO THE INTERIOR OF THE EXISTING DWELLING.
 - AN CSOB SITE PLAN MUST BE SUBMITTED AND APPROVED PRIOR TO HEALTH DEPARTMENT SEPTIC PERMIT APPROVAL.
 - THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS REVIEWED THE PROPOSED SEWAGE DISPOSAL AREA LOCATION ILLUSTRATED ON THE PLAN AS RECOMMENDED BY THE HOWARD COUNTY HEALTH DEPARTMENT, AND HAS GRANTED A VARIANCE TO ALLOW THE SEWAGE DISPOSAL AREA LOCATION TO BE UPGRADE OF THE EXISTING WELLS AT 3800 E 3800 SHARP ROAD PURSUANT TO THE FOLLOWING CONDITIONS:
 A. A BAT UNIT MUST BE INSTALLED ON THE INITIAL SYSTEM.
 - AN ADVANCED PRE-TREATMENT SYSTEM WHICH UTILIZES BEST AVAILABLE TECHNOLOGY TO PERFORM NITROGEN REDUCTION MUST BE INSTALLED ON THE SEPTIC SYSTEM. A SUPPLEMENTAL SITE PLAN WITH ALL THE NECESSARY DETAILS FOR INSTALLATION OF THE SYSTEM WILL BE REQUIRED PRIOR TO THE RELEASE OF THE SEPTIC SYSTEM INSTALLATION PERMIT. IN ADDITION, AN OPERATION AND MAINTENANCE CONTRACT AGREEMENT MUST BE FILED WITH HOWARD COUNTY LAND RECORDS PRIOR TO SEPTIC PERMIT RELEASE.

NOTE: THE PURPOSE OF THIS PLAN IS TO CERTIFY THE LOCATION OF A SEWAGE DISPOSAL AREA THAT IS CAPABLE OF SUPPORTING UP TO 5 TOTAL BEDROOMS. PLANNED RENOVATIONS ARE INTERIOR ONLY. NO CHANGE IN FOOTPRINT OF THE EXISTING DWELLING IS PLANNED.

OWNER/DEVELOPER
 JMD LEGACY PROPERTIES, LLC
 13209 GUILFORD RUN LANE
 SILVER SPRING, MD 20904

PERC CERTIFICATION PLAN
PROPERTY OF ROBERT H. DILL
LOT 1
 14408 DORSEY MILL ROAD * GLENWOOD, MD 21738
 PLAT BOOK: 06 * PAGE: 93
 TAX MAP: 21 * GRID: 17 * PARCEL: 77
 4TH ELECTION DISTRICT * HOWARD COUNTY, MD

CLSI
 Engineers & Surveyors
 Land Planning & Environmental Consultants
 www.clsi-civileng.com
 439 East Main Street Westminster, MD 21157-5539
 (410) 848-1790 FAX (410) 848-1791

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

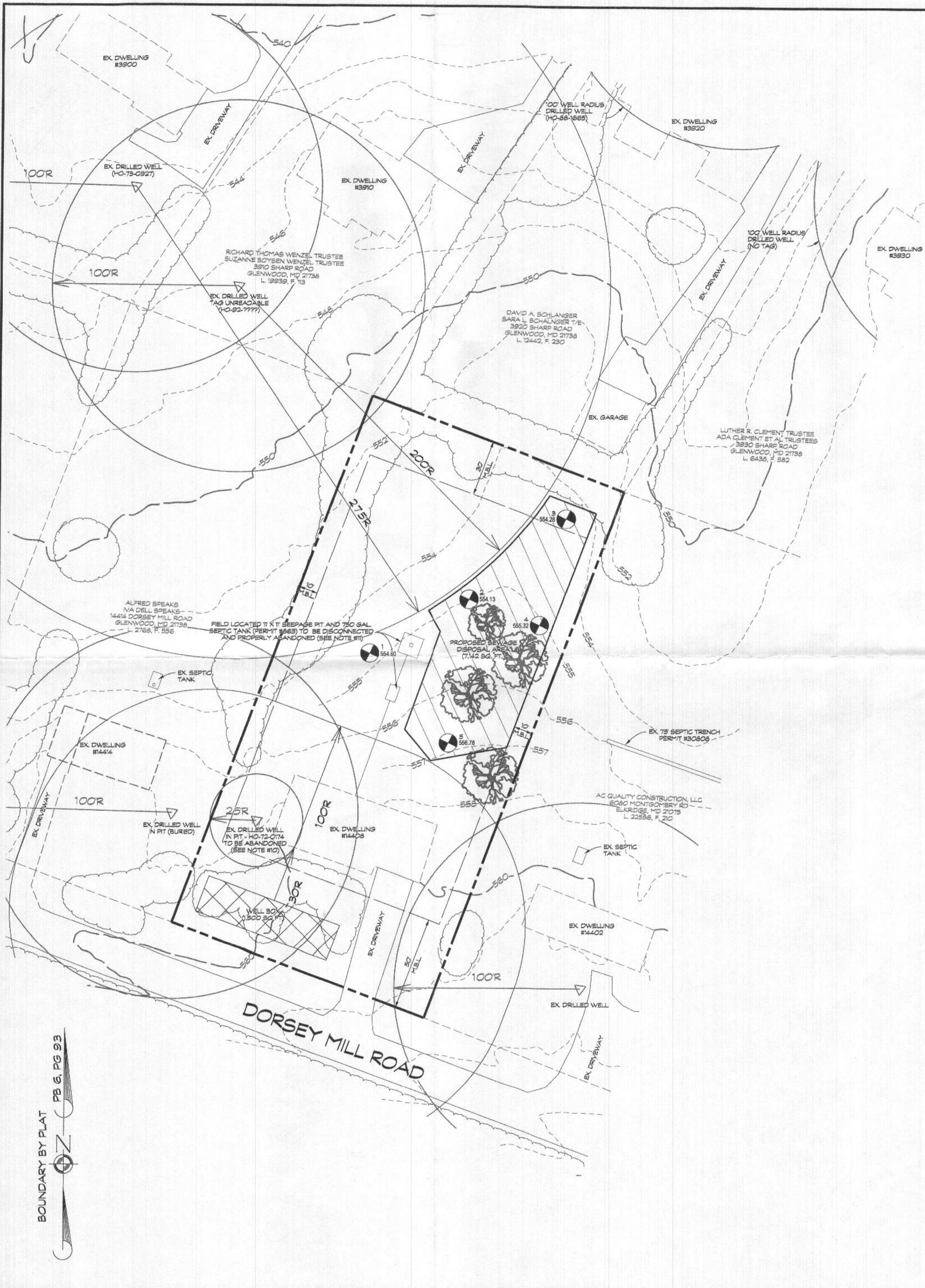
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.

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Javier Morales Roldan, 2/20/25
 JAVIER MORALES ROLDAN, PROFESSIONAL LAND SURVEYOR
 NO. 21855 LICENSE EXPIRES AUGUST 09, 2028

| DATE | REVISIONS | DRAWN BY: | MS |
|----------|---|--------------|-------------|
| 12/09/24 | REVISE PERC TESTING PLAN INTO PERC CERTIFICATION PLAN | DESIGNED BY: | MS |
| 02/03/25 | REQUEST MDE VARIANCE / ADDRESS AGENCY COMMENTS | REVIEWED BY: | |
| | | DATE: | SEPT., 2024 |
| | | SCALE: | 1" = 50' |
| | | JOB NO.: | 2024186 |
| | | SHEET: | 1 OF 1 |

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR NON-VULNERABLE 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 THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.



ENTIRE SITE AND ADJOINING PROPERTIES ARE ALL GgB (Glenelg Loam 3-8% slopes)

LEGEND

- EX TREE
- EX TREE CANOPY
- PASSING PERC TEST
- PROPOSED SOA
- 1,500 SQ. FT. WELL BOX
- EX 10 CONTOUR
- EX 2 CONTOUR
- MINIMUM BUILDING LINE
- SOL LINES
- EX SEPTIC CLEANOUT LOCATION
- EX WELL

VICINITY MAP Scale: 1" = 2000'

DATA TABULATIONS

ZONING DISTRICT: RR-DEC
 GROWTH TIER: II
 NUMBER OF BUILDING SITES: 1
 TOTAL AREA OF LOT: 1.01 ACRES

GENERAL NOTES

- CURRENT TITLE REFERENCE: OWNER: JMD LEGACY PROPERTIES, LLC
 DEED REFERENCE: L 22369, P. 142
 DATE: JUNE 24, 2024
 GRANTOR: ROBERT MARK PASLEY
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO THE SEWAGE DISPOSAL AREA SHOWN HEREON SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN / FIELD VERIFIED TOPOGRAPHY CONDUCTED BY CLSI IN NOVEMBER, 2024.
- ALL EXISTING WELLS AND/OR SEWAGE DISPOSAL AREAS WITHIN 100' OF THE LOT LINES HAVE BEEN SHOWN. THERE ARE NO WELLS 200' DOWN GRADIENT OF THE SEWAGE DISPOSAL AREA UNLESS OTHERWISE SHOWN HEREON.
- ALL STORMWATER MANAGEMENT DEVICES WILL MEET HOWARD COUNTY SETBACKS TO ALL WELL SITES AND ON-SITE DISPOSAL SYSTEMS.
- THE BOUNDARY SHOWN HEREON IS FROM THE RECORDED PLAT (PB 6, PG 93). NO BOUNDARY RETRACEMENT SURVEY WAS PERFORMED BY CLSI.
- MINIMUM BUILDING LINE
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- THE EXISTING DRILLED WELL (HO-72-074) MUST BE PROPERLY ABANDONED AND A NEW WELL MUST BE DRILLED. DOCUMENTATION OF PROPER WELL ABANDONMENT MUST BE SENT TO HOWARD COUNTY HEALTH DEPARTMENT.
- THE EXISTING SEWAGE PIT AND SEPTIC TANK (PERMIT #863) TO BE DISCONNECTED AND PROPERLY ABANDONED. A NEW SEPTIC SYSTEM MUST BE INSTALLED TO ACCOMMODATE THE PROPOSED ADDITION OF BEDROOMS TO THE INTERIOR OF THE EXISTING DWELLING.
- AN O&O'S SITE PLAN MUST BE SUBMITTED AND APPROVED PRIOR TO HEALTH DEPARTMENT SEPTIC PERMIT APPROVAL.
- THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS REVIEWED THE PROPOSED SEWAGE DISPOSAL AREA LOCATION ILLUSTRATED ON THE PLAN AS RECOMMENDED BY THE HOWARD COUNTY HEALTH DEPARTMENT, AND HAS GRANTED A VARIANCE TO ALLOW THE SEWAGE DISPOSAL AREA LOCATION TO BE UPGRADE OF THE EXISTING WELLS AT 3800 & 3910 SHARP ROAD PURSUANT TO THE FOLLOWING CONDITIONS:
 - A BAT UNIT MUST BE INSTALLED ON THE INITIAL SYSTEM.
 - AN ADVANCED PRE-TREATMENT SYSTEM, WHICH UTILIZES BEST AVAILABLE TECHNOLOGY TO PERFORM NITROGEN REDUCTION MUST BE INSTALLED ON THE SEPTIC SYSTEM. A SUPPLEMENTAL SITE PLAN WITH ALL THE NECESSARY DETAILS FOR INSTALLATION OF THE SYSTEM WILL BE REQUIRED PRIOR TO THE RELEASE OF THE SEPTIC SYSTEM INSTALLATION PERMIT. IN ADDITION, AN OPERATION AND MAINTENANCE CONTRACT AGREEMENT MUST BE FILED WITH HOWARD COUNTY LAND RECORDS PRIOR TO SEPTIC PERMIT RELEASE.

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OWNER/DEVELOPER

JMD LEGACY PROPERTIES, LLC
 13209 GUILFORD RUN LANE
 SILVER SPRING, MD 20904

**PERC CERTIFICATION PLAN
 PROPERTY OF ROBERT H. DILL
 LOT 1**

14408 DORSEY MILL ROAD · GLENWOOD, MD 21738
 PLAT BOOK: 06 · PAGE: 93
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 4TH ELECTION DISTRICT · HOWARD COUNTY, MD



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APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.

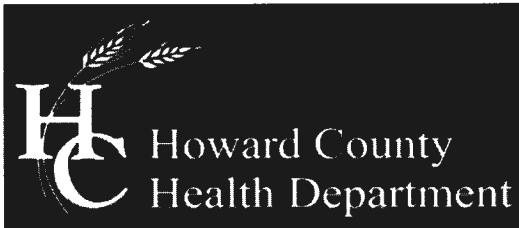
I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Javier Morales Roldan
 JAVIER MORALES ROLDAN, PROFESSIONAL LAND SURVEYOR
 NO. 2685 LICENSE EXPIRES AUGUST 09, 2025

| DATE | REVISIONS | DRAWN BY: | MS |
|----------|---|--------------|-------------|
| 12/08/24 | REVISE PERC TESTING PLAN INTO PERC CERTIFICATION PLAN | DESIGNED BY: | MS |
| | | REVIEWED BY: | |
| | | DATE: | SEPT., 2024 |
| | | SCALE: | 1" = 30' |
| | | JOB NO.: | 2024 186 |
| | | SHEET: | 1 OF 1 |

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. FOR LOTS CREATED PRIOR TO MARCH OF 1973 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 THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

BOUNDARY BY PLAT
 PB 6, PG 93



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 12/23/2024

14408 Dorsey Mill Road Glenwood, MD 21738 Property Address

Property of Robert H. Dill 1004 1 21 17 93 04-321014 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):

Property owner has an active / pending building permit for the addition of bedrooms. Satisfactory perc tests have been conducted and a perc certification plan has been submitted. Proposed SDA is upgradient of neighboring well(s).

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).

- Regulation Section Summary and Explanation 1. COMAR 26.04.02.05 B(2) OSDS systems located upgradient of a private well. Proposed SDA on PC is upgrade (>200ft) from neighboring wells located at 3910 Sharp Rd. (Tax ID: 04-309413) and 3900 Sharp Rd. (Tax ID: 04-319338) 2.

Property Owner's Signature

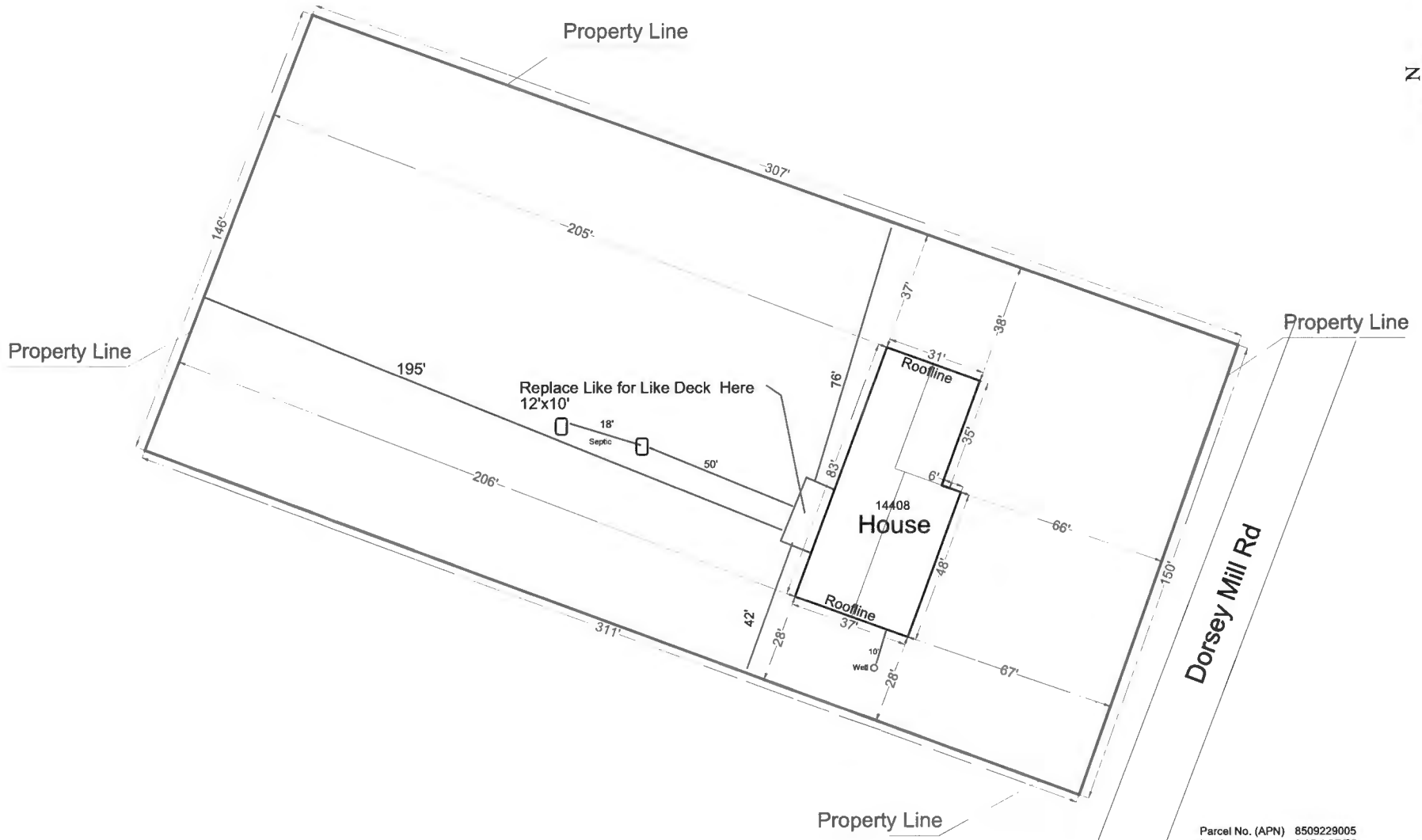
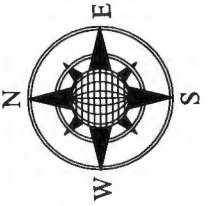
Health Department Use Only

Reviewed by Melonie Eskebaugh 1/24/25 HCHD Staff Date

Recommendation: [X] Recommended [] Not Recommended HCHD Supervisor 1/30/25 Date

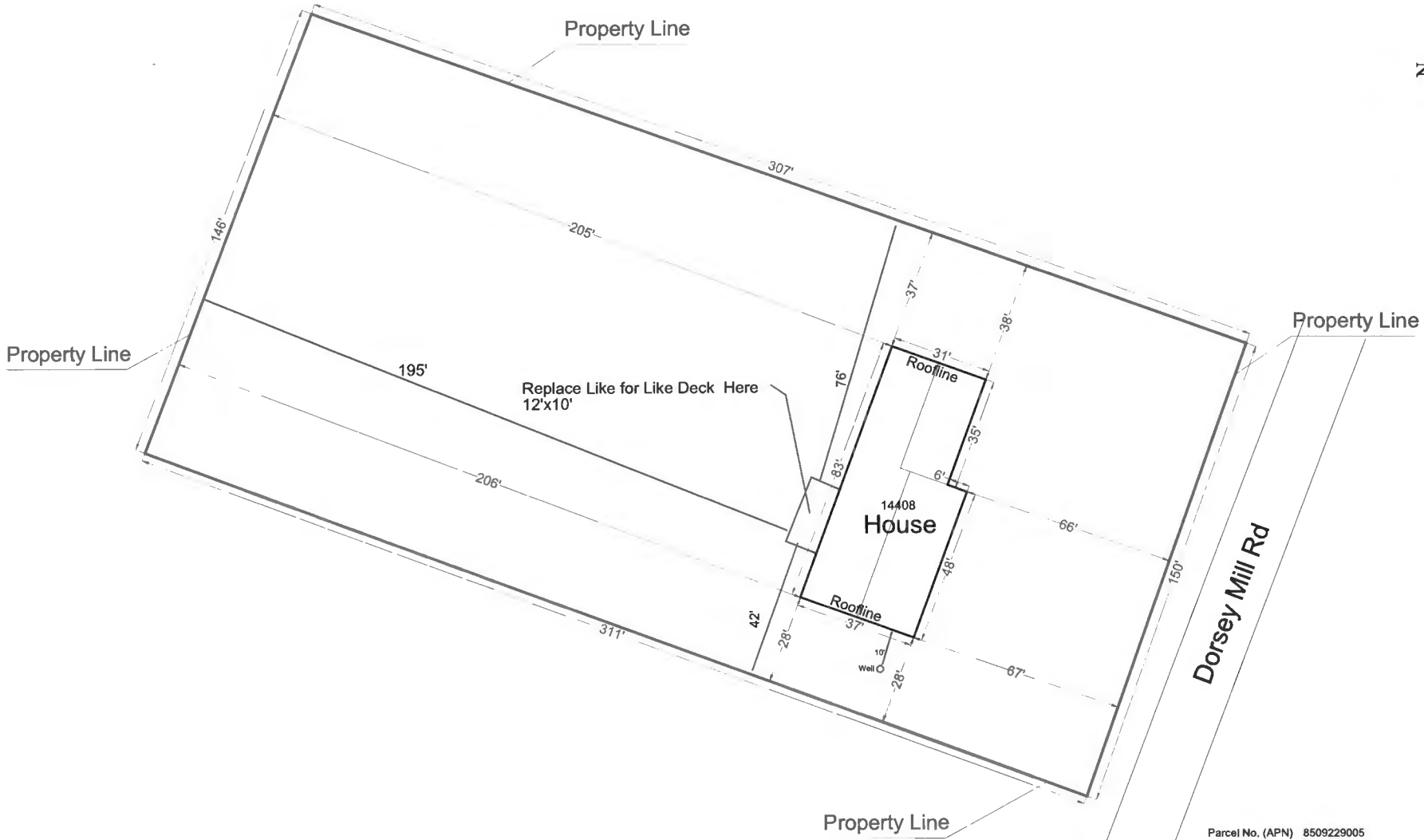
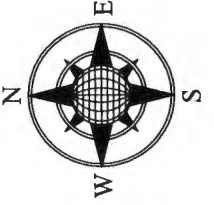
Comments/Conditions: BAT Unit required

Approved by: Steven Krieg LEHS 1/30/25 MDE Representative Date



Parcel No. (APN) 8509229005
Lot Area 0.05 ACRES
ADDRESS: 14408 Dorsey Mill Rd
Glenwood, MD 21738
Scale: 1"=30'

THIS IS NOT A LEGAL SURVEY, NOR IS IT INTENDED TO BE OR REPLACE ONE
This work product represents only generalized locations of features, objects or boundaries and should not be relied upon as being legally authoritative for the precise location of any feature, object or boundary.



Parcel No. (APN) 8509229005
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ADDRESS: 14408 Dorsey Mill Rd
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14406 Dorsey Mill Road

AP

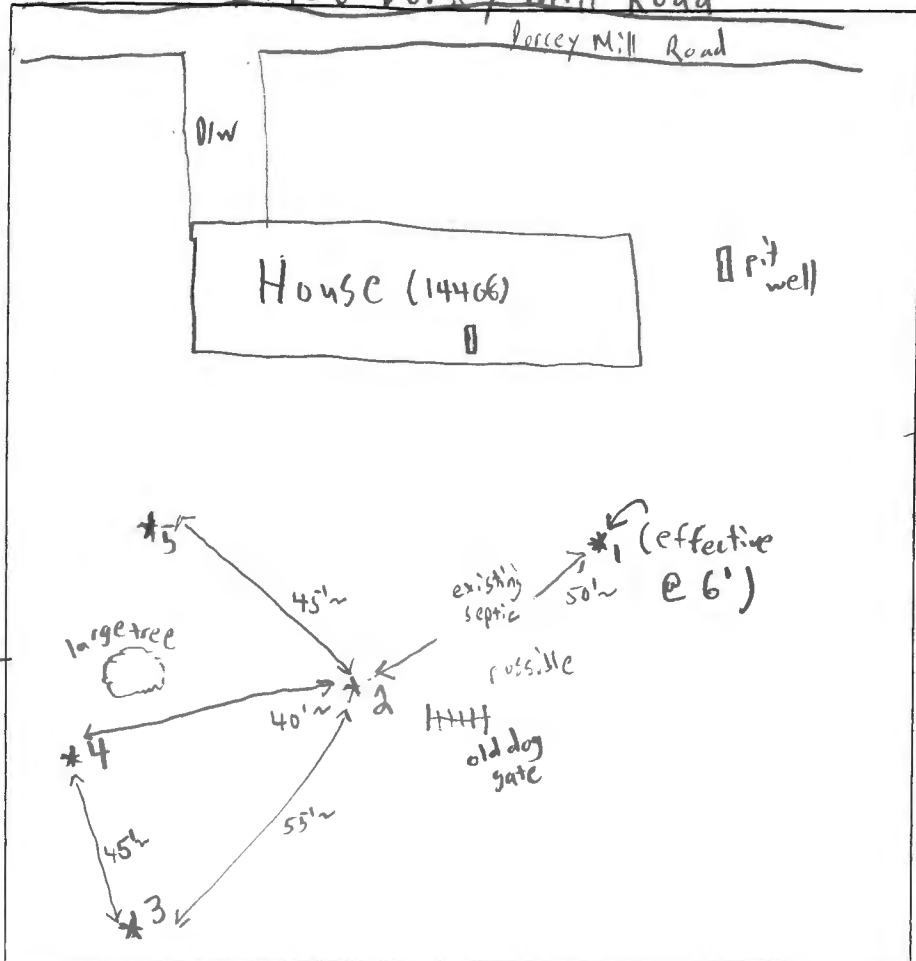
"3"
 0-6" top soil / Br. Loam
 6"-2 1/2' Br. / Tan CL (sub-angular) some grit
 2 1/2'-4' Br. / Red SCL (semi-friable)
 4'-9' Red / Br. / Pink LS w/ some silt (very friable)
 9'-12' Tan / Grayish SL w/ sandstone shale (friable)
 dry

"4"
 Same as "3"

"2"
 0-4" top soil
 4"-10" Br. / Tan SCL (semi-friable)
 10"-2' Br. CL (some grit) tight
 2'-3' Red / Br. CL (tight) / angular
 3'-4' Red SCL (loose but sticky)
 4'-11' Br. / Red

SL w/ little silt (very friable)
 11'-12' Br. / Gray LS w/ some shale 1090

"1"
 0-5" top soil / red m at
 5"-1' Br. / Tan SCL (semi-friable)
 1'-3' Br. / Tan CL (tight, subangular)



3'-5' Red / Br. CL w/ quartz and shale (some grit)
 5'-6' Br. / Red SCL (semi-friable) (still too tight)
 6'-12' Pink / Tan / Some yellow

"5"
 0-6" top soil
 6"-1' Br. / Grayish SCL (semi-friable)
 1'-2' Br. / Red / Dich CL (tight) little grit
 2'-4' Red / Br. CL ay (very little loam)
 4'-5' Red / Tan SCL (tight)
 5'-12' Br. / Reddish LS (some yellow @ 10'-12' depth) (very friable, dry)

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|---------|--------|--------------|-------------|---------------|--------------|------------------|-------|
| 12/6/24 | 3 | 6' | 10:00am | 10:02am | 10:07am | 5mp. | (P) |
| 12/6/24 | 4 | 5' | 10:33am | 10:34am | 10:36am | 2mp. | (P) |
| 12/6/24 | 2 | 5' | 11:03am | 11:04am | 11:06am | 2mp. | (P) |
| 12/6/24 | 1 | install @ 7' | VISUAL PASS | | | 5mp. | (P) |
| 12/6/24 | 5 | 6 1/2' | 11:57am | 11:59am | 12:02pm | 3mp. | (P) |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS All holes to be used (will be tight, should get 3 systems)
 SANITARIAN Z. Silvast BACKHOE Yonag Septic OTHERS Matt Shipley
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

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

December 16th, 2024

TO: Matt Shipley, CLSI Engineering
RE: 14408 Dorsey Mill Road (**Perc Test Report**)

On December 6th, 2024, percolation tests were conducted as scheduled at 14408 Dorsey Mill Road. The proposed sewage disposal area (SDA) was thoroughly tested and evaluated on this day. The test site was dominated by one main soil type: Glenelg silt loam (GgB) w/ 3-8% slopes. The percolation test plan proposal provided by CLSI engineering was adequate & showed that, due to neighboring private wells, the area to test was very limited. The goal of establishing a sewage disposal area (SDA) on this day is to support a proposal that would increase the number of bedrooms for the existing house. All holes were dug at their respective staked locations and were dug on contour as best as possible. Holes 3, 4, 2, 1, and 5 were all designated as PASSING percs in that respective order. All holes had a relatively similar soil profile highlighted by a dominate loamy sand layer and all holes were able to achieve the best percolation rate at 1.2 gpd/ft². The existing pit well will have to be abandoned, and the existing septic system will also have to be properly disconnected and abandoned. A new septic system will be required.

All evaluated locations must be field-located and illustrated on the Percolation Certification Plan with topographic elevations provided. There is no guarantee that a complete 10,000 sf SDA can be created for the lot. Locations of percolation tests that 'PASS' are used to define the soils that are suitable for inclusion in an SDA proposed on the Percolation Certification Plan. All percolation tests measured a rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. The results and suitable areas for wastewater discharge are certified by the Approving Authority's signature of the Percolation Certification Plan. After the Percolation Certification Plan is signed by the Bureau of Environmental Health Director, the Health Department's Environmental Health Specialists may consider review and approval of an OSDS plan and permit proposals such as well or septic system permits & building permits. The designated sewage disposal area should aim to be constructed for at least 10,000 sq.ft in size or a large enough area that would accommodate 3 septic systems (an initial/existing and two replacements). If 3 systems cannot fit, the Health Department may consider allowing 2 systems (initial and one replacement) which will require Best Available Technology (BAT). Any downgradient wells will require a BAT, if applicable.

If you have questions related to this report, you may reply to me via email at zsilvast@howardcountymd.gov, or call my desk at 410-313-1777.

Zack Silvast

Zack Silvast (LEHS)

Plan Review Supervisor - Water & Sewer Division
410-313-1777

Environmental Health Bureau
Howard County Health Department

Enclosures: Percolation Test Report and Field Worksheet
Copy: Linda Alexander; CLSI engineering Inc.

Eshenbaugh, Melanie

From: Joseph Young <jmdllc2019@gmail.com>
Sent: Tuesday, November 12, 2024 11:16 AM
To: Eshenbaugh, Melanie
Subject: B24002508

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

Hello Melanie,

CLSI recently submitted the required documentation for review regarding the septic system upgrade for the renovation of my home.

I wanted to check the status of the review on Howard County's side so we can get things moving. This has been an ongoing processes since July and we desperately need things to get approved so we can proceed.

Howard County has had this information since 10/21/24 received and signed by J. King. Address is 14408 Dorsey Mill Rd Glenwood MD 21738.

Please let me know if you need additional information and where we stand in the process. Thank you.

Sincerely,

Jay Young
JMD Legacy Properties LLC
571-435-5475

8/30/60 - ck out
Walter Krazer

PERMIT

P 00863

A 00236

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4

DATE 5-2-59

INDEXED

~~Walters~~ Roger Gordon IS PERMITTED TO INSTALL ALTER
ADDRESS Simpsonville, Md. Clarksville, Md. PHONE none

A SEWAGE DISPOSAL SYSTEM LOCATED AT Dorsey Mill Road, Lot is about a half mile
from Tridelphia road and about a mile from Brown's store.

SUBDIVISION _____ ROAD _____ LOT _____

PROPERTY OWNER walter Krazer
ADDRESS Simpsonville, Md.

SPECIFICATIONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 300 SQ. FT.

SEPTIC TANK CAPACITY 750 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

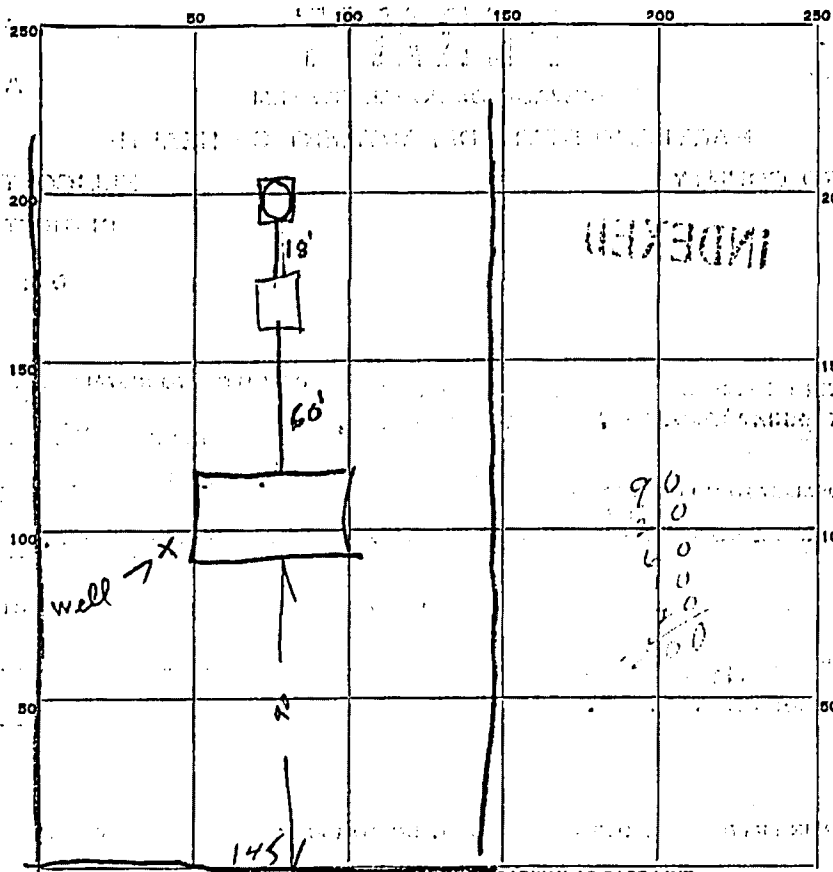
OTHER Place dry well about 225 ft, from the road and about 30 ft, from
the Adjacent lot, the lot with the Brick House.

PLANS APPROVED BY Raymond Hodges, Sanitarian DATE 5-2-59

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

A 00236



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK 750 CLEANOUTS OK 9" in Prop Well

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 11 FT. DEPTH BELOW INLET 9 FT.

ABSORBENT AREA 306 SQ. FT.

REMARKS Inlet 4' below grade

DATE SYSTEM APPROVED 8/30/60

INSPECTOR Raymond

Hodge

Eshenbaugh, Melanie

From: Joseph Young <jmdllc2019@gmail.com>
Sent: Tuesday, November 12, 2024 11:16 AM
To: Eshenbaugh, Melanie
Subject: B24002508

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

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Please let me know if you need additional information and where we stand in the process. Thank you.

Sincerely,

Jay Young
JMD Legacy Properties LLC
571-435-5475

STATE OF MARYLAND

HOWARD COUNTY HEALTH DEPARTMENT
ELLICOTT CITY, MARYLAND

Date May 2, 1959

Name Koerz Gordon

Telephone No. Glens 6-2404

DETAILED LOCATION OF SITE, DEVELOPMENT,
SECTION, ROAD, LOT NO. & ELECTION DISTRICT
Dorsey Mill Rd. lot about 1/2
mile from Tridelpia Rd.

PRIVATE SEWAGE DISPOSAL SYSTEMS

Testing and Inspection \$

Installation Permit \$ 1.00

Received Payment J. E. Hennigan

00863
DUPLICATE

THIS RECEIPT IS NOT
A PERMIT AND IT IS
NOT A WARRANTY OF
PERFORMANCE OF
THE SYSTEM THAT
IS INSTALLED

STATE OF MARYLAND

HOWARD COUNTY HEALTH DEPARTMENT
ELLICOTT CITY, MARYLAND

Date April 11, 1959

Name Walter Koerz

Telephone No. None

DETAILED LOCATION OF SITE, DEVELOPMENT,
SECTION, ROAD, LOT NO. & ELECTION DISTRICT
Dorsey Mill Rd. lot about 1/2
mile from Tridelpia Rd.

PRIVATE SEWAGE DISPOSAL SYSTEMS

Testing and Inspection \$ 10.00

Installation Permit \$

Received Payment J. E. Hennigan

00736
TRIPPLICATE

THIS RECEIPT IS NOT
A PERMIT AND IT IS
NOT A WARRANTY OF
PERFORMANCE OF
THE SYSTEM THAT
IS INSTALLED

APPLICATION

A 00736
P 00863

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

Hold until applicant calls.

ELLICOTT CITY

DISTRICT 4

DATE 4-11-59

750 GALLON TANK

300 SQ. FT. SIDEWALL AREA IN DRY WELL

PLACE DRY WELL ABOUT 225' FROM THE ROAD AND ABOUT 35' FROM THE ADJACENT LOT, THE LOT WITH THE BRICK HOUSE

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Walter Kramer PHONE none
ADDRESS Simpsonville, Md.

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Dorsey Mill Road, lot is about a 1/2 mile from Tridelphia road and about a 1/2 mile from Brown's Store.

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM Roger Gordon, Clarksville PHONE Atlas 6- 2404
ADDRESS _____

SIZE OF LOT 145wide, 302 feet deep TYPE BLDG. residence- 3 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT Walter Kramer

APPROVED BY Raymond Hodges FOR Dry Well DATE 4/23/59
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

A 00736

THIS IS NOT A PERMIT

STATE OF MARYLAND

HOWARD COUNTY HEALTH DEPARTMENT
ELLICOTT CITY, MARYLAND

Date May 2, 1959

Name Kooper Gordon

Telephone No. Glens 6-2404

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00863

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NOT A WARRANTY OF
PERFORMANCE OF
THE SYSTEM THAT
IS INSTALLED

STATE OF MARYLAND

HOWARD COUNTY HEALTH DEPARTMENT
ELLICOTT CITY, MARYLAND

Date April 11, 1959

Name Walter Krenner

Telephone No. None

DETAILED LOCATION OF SITE, DEVELOPMENT,
SECTION, ROAD, LOT NO. & ELECTION DISTRICT
Dorsey Mill Rd. lot about 1/2
mile from Tridelpia Rd.

PRIVATE SEWAGE DISPOSAL SYSTEMS

Testing and Inspection \$ 10.00

Installation Permit \$

Received Payment J. E. Hennigan

00736

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APPLICATION

A 00736
P. 00863

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MARYLAND STATE DEPARTMENT OF HEALTH

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APPROVED BY Raymond Hodges FOR Dry Well DATE 4/23/59
(KIND OF SYSTEM)

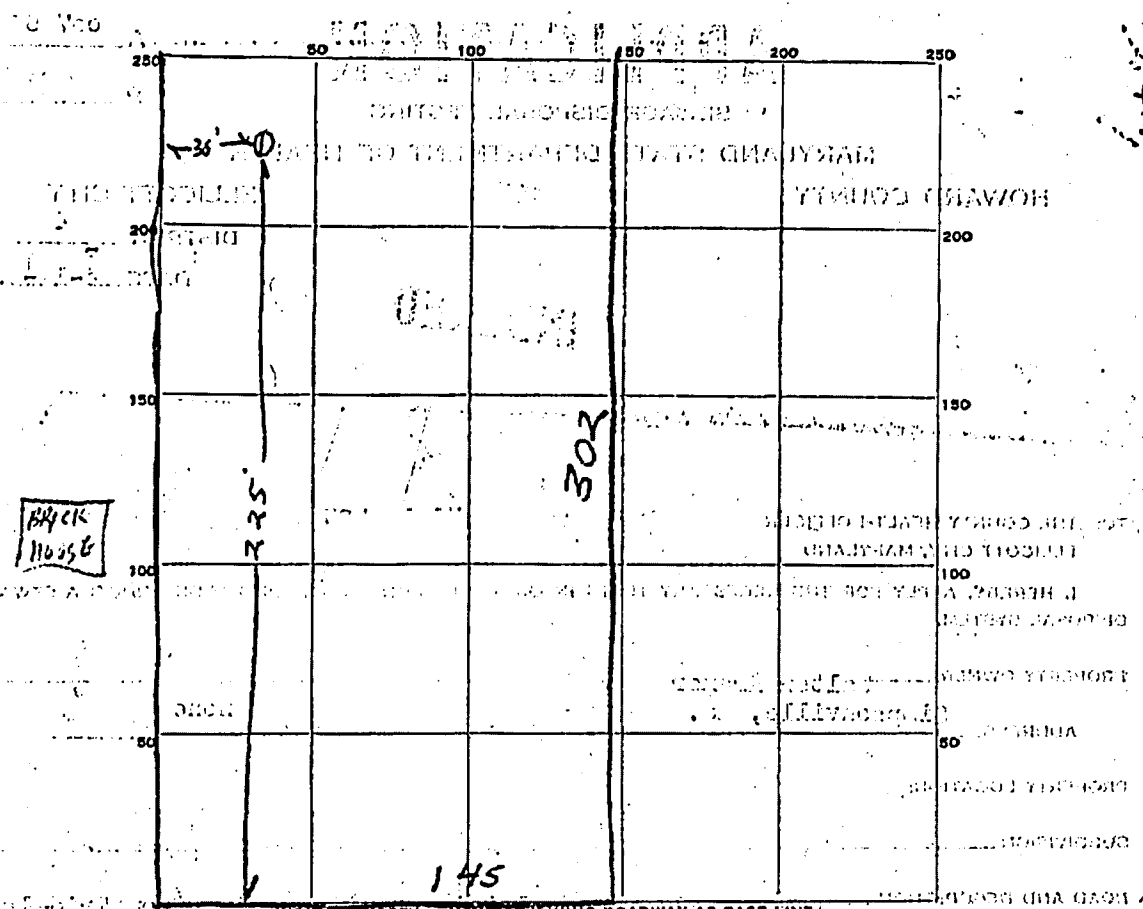
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

A 00736

THIS IS NOT A PERMIT



DORSEY MILL RD.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|---------|------|----------------|------|-------|
| | | | START | STOP | START | STOP | |
| 4/24/59 | 1 | 10' | 2:06 | 2:10 | 2:10 | 2:15 | 5 min |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SOIL AUGER FINDING: Clay 4-5' from top 1-2' clay & fine sand

TESTED BY: *Ryan and Kramer*

REMARKS:

ALSO PRESENT: *L. L. Kramer* LOT NO. *Kramer's lot*

B 1 1259 SEQUENCE NO. (DWR USE ONLY) **136** **STATE OF MARYLAND**
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) **AD0** **DEPARTMENT OF WATER RESOURCES**
STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL **FILL IN THIS FORM COMPLETELY**

DATE RECEIVED (DWR USE ONLY)

OWNER James Hill **COL 15 LASTNAME** James Hill **FIRST NAME** James **COL. 34**

STREET OR RFD 12000 Hill Rd **COL 30** 581 **COL. 55**

POST OFFICE 10000 Hill Rd **COL. 57** MD **COL. 76**

B 1 CONTINUED DRILLER INFORMATION

DATE 6-20-72 **LICENSE NUMBER** 77-100 **80**

FIRST NAME James **DRILLER** James **LAST NAME** Hill

SIGNATURE James Hill

B 3 LOCATION OF WELL

COUNTY Harford **21**

SUBDIVISION DISTRICT 2 **42**

SECTION 44 **LOT** 48 **50**

NEAREST TOWN Bellevue **71**

MILES FROM TOWN (ENTER 0 IF IN TOWN) 1.75 **M 1**

B 2 WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 4 **12**

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 20 **20**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D DOMESTIC, HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING, AGRICULTURE, IRRIGATION

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

M MUNICIPAL WATER SUPPLY

P PRIVATE WATER COMPANY

T TEST

MUST HAVE STATE HEALTH DEPT. APPROVAL

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

N NORTH **E EAST** **NE NORTHEAST** **SE SOUTHEAST**

S SOUTH **W WEST** **NW NORTHWEST** **SW SOUTHWEST**

NEAR WHAT ROAD Dorsey Hill Rd **11**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) **N NORTH** **S SOUTH** **E EAST** **W WEST** **32**

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200 **M 1**

APPROXIMATE DEPTH OF WELL 21 **FEET**

APPROXIMATE DIAMETER OF WELL 4 **(NEAREST INCH)**

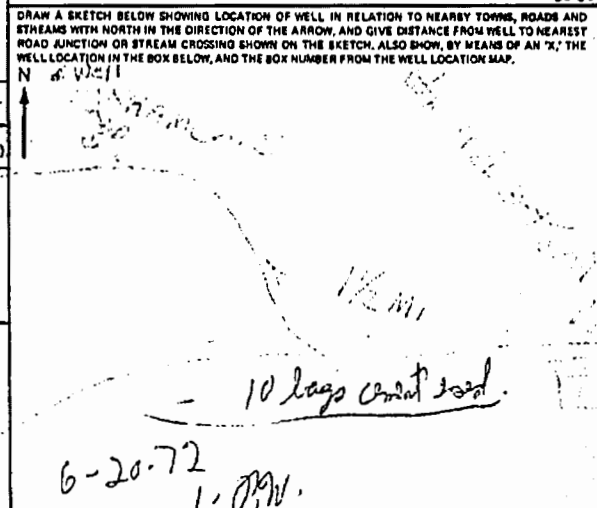
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) **JETTED** **DRIVEN**

30-37 AIR-ROTARY **AIR-PERCUSSION** **ROTARY (HYDRAULIC ROTARY)**

CABLE **REVERSE ROTARY** **DRIVE-POINT**

OTHER (DESCRIBE)



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

NOT TO BE FILLED IN BY DRILLER (DWR USE ONLY)

APPROPRIATION PERMIT NUMBER 34 **ENGINEER REVIEW DISTRICT NO.** 65

FORCE 67 **WRITE INITIALS IN BOX** 68

CONDITIONS 70 71 72 73 74 75 76 77 78 79

BOX NUMBER 5/5

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

STATE HEALTH (CIRCLE BOX) **5**

COUNTY NAME Harford **COUNTY NO.** 20661

DATE 6-20-72 **APPROVED BY** JSM

NORTH COORDINATE 30 51 52 53 54 55

EAST COORDINATE 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET) 0/0 **5/0**

B 5 SPECIAL CONDITIONS 8-63 (DWR USE ONLY)

1 2 3 (SEQ. NO.) 0

05703 SEQUENCE NO. (DWR USE ONLY) 136
1 2 3 (SEQ. NO.) 6
(Y/N/S NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
DEPARTMENT OF WATER RESOURCES
STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION
FILL IN THIS FORM COMPLETELY
COUNTY NUMBER 2861

DATE RECEIVED (DWR USE ONLY)
8-13

DATE WELL COMPLETED 7/22/71
DEPTH OF WELL 65
22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-72-0177
28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 270

OWNER KRAMER
LAST NAME

WALTER
FIRST NAME

STREET OR RD Dorsey Mill

POST OFFICE Geneva Md

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY) | FEET | | CHECK IF WATER BEARING |
|--|------|----|------------------------|
| | FROM | TO | |
| Soft Mud | 0 | 4 | |
| Hard gray Rock + Flint | 4 | 25 | ✓ |
| Very Hard Dark gray | 25 | 65 | ✓ |

WELL DESCRIPTION

GRAOUTING RECORD
WELL HAS BEEN GRAOUTED (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)
TYPE OF GRAOUTING MATERIAL (CIRCLE BOX) 44
CEMENT (C) M BENTONITE CLAY (B) C
NO. OF BAGS 8 NO. OF POUNDS 750
GALLONS OF WATER 45
DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 FT. TO 20 FT.
(ENTER S IF FROM SURFACE)

CASING RECORD
INSERT APPROPRIATE CODE BELOW
STEEL (S) T CONCRETE (C) O
PLASTIC (P) L OTHER (O) T

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 24

OTHER CASING (IF USED)
DIAMETER (INCH) FROM TO

SCREEN RECORD
INSERT APPROPRIATE CODE BELOW
STEEL (S) T BRASS OR BRONZE (B) R OPEN HOLE (H) O
PLASTIC (P) L OTHER (O) T

DEPTH (NEAREST WHOLE FOOT)
FROM TO

| | | | | | | |
|---|----|----|----|----|----|----|
| 1 | 5 | 9 | 11 | 15 | 17 | 21 |
| 2 | 23 | 24 | 26 | 30 | 32 | 36 |
| 3 | 38 | 39 | 41 | 45 | 47 | 51 |

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN (NEAREST INCH) 56 FROM TO 60

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) 65 F

DWR USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING (T) LOG INDICATOR (L) OTHER DATA AVAILABLE (O) W Q

PUMPING TEST

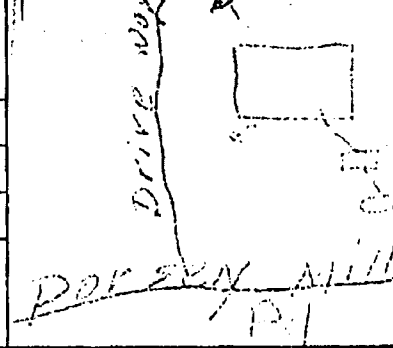
HOURS PUMPED (TO NEAREST HOUR) 3
PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5
METHOD USED TO MEASURE PUMPING RATE Sewer Pump
WATER LEVEL (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 22 (NEAREST FOOT) WHEN PUMPING 40 (NEAREST FOOT)
TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
A AIR 27 P PISTON 27 T TURBINE 27
C CENTRIFUGAL 27 R ROTARY 27 O OTHER (DESCRIBE BELOW) 27
J JET 27 S SUBMERSIBLE 27
Sawhorse on Winch

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)
CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) 31 36
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
+ ABOVE LAND SURFACE (NEAREST FOOT) 49 50 51
- BELOW

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



CIRCLE APPROPRIATE BOXES
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME
SIGNATURE (PLEASE PRINT) Bernard Feener
Bernard Feener

RECEIPT

Howard County, MD
HOWARD COUNTY HEALTH DEPARTMENT
ASCEND ONE BUILDING
Columbia, MD 21045
8930 STANFORD BLVD

Application: WS-PT-24-03059
Application Type: EnvHealth/Well and Septic/Percolation Test/Application
Address: 14408 DORSEY MILL RD, Glenwood, 21738

| | | | | | | |
|-----------------------|-------------------|--------------------|---------------------|-------------------|-----------------|-----------------|
| Receipt No. | 10924 | | | | | |
| Payment Method | Ref Number | Amount Paid | Payment Date | Cashier ID | Received | Comments |
| Check | 1332 | \$597.00 | 10/21/2024 | SMARTIN | | |

Owner Info.: PASLEY MARY MARGARET
14408 DORSEY MILL RD
GLENWOOD, MD 21738

Work Description: ROBERT H DILL PROPERTY LOT 1



439 East Main Street, Westminster, MD 21157-5539

v. (410) 848-1790 ~ f. (410) 848-1791

Transmit To:
 Development Coordination, Well & Septic Program
 Howard County Bureau of Environmental Health
 8930 Stanford Boulevard
 Columbia, MD 21046

Project Info:
 PROPERTY OF ROBERT H. DILL
 Howard County, MD

Project No: 2024186 **Date:** Oct 18, 2024

We are Transmitting:

| | | | | | |
|---|--|---|--|---|--------------------------|
| <input checked="" type="checkbox"/> Here with | <input type="checkbox"/> Originals | <input type="checkbox"/> Computer Media | <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Via Overnight | <input type="checkbox"/> |
| <input type="checkbox"/> Our | <input checked="" type="checkbox"/> Prints | <input type="checkbox"/> Project Manuals | <input type="checkbox"/> Payment Cert. | <input type="checkbox"/> Express Mail | <input type="checkbox"/> |
| <input type="checkbox"/> Your | <input type="checkbox"/> Copies | <input type="checkbox"/> Product Literature | <input type="checkbox"/> Change Order | <input type="checkbox"/> 1st Class Mail | <input type="checkbox"/> |

| Sets | Type | Dwg No | Dated | Description |
|------|-------------|-------------|------------|---|
| 3 | D Size Bond | 2024186 | 10/18/2024 | Percolation Testing Plan |
| 1 | Form | | 10/18/2024 | Application for Percolation Testing & Site Evaluation |
| 1 | Check | Check #1332 | 10/07/2024 | Check for Fee (\$597.00) |

| | | | | |
|---------------------------------------|---|--------------------------------------|---------------------------------------|--------------------------|
| <input type="checkbox"/> As Requested | <input type="checkbox"/> For Your Use | <input type="checkbox"/> For Filing | <input type="checkbox"/> For Approval | <input type="checkbox"/> |
| <input type="checkbox"/> As Required | <input checked="" type="checkbox"/> For Your Review | <input type="checkbox"/> For Bidding | <input type="checkbox"/> As Discussed | <input type="checkbox"/> |

Remarks:

Copy To -----

If enclosures are not as noted, please notify us immediately.

Matthew T. Shipley
 Matthew T. Shipley