

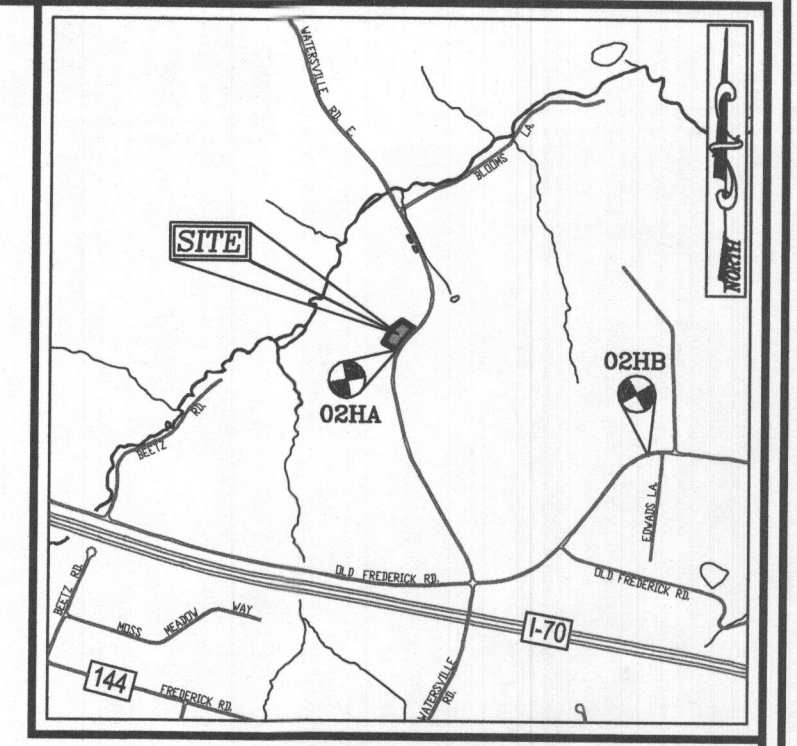
GENERAL NOTES

1. THIS SUBJECT PROPERTY IS ZONED RC-DEO.
2. PROPERTY OUTLINE SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY VOGEL ENGINEERING, INC., DATED APRIL 05, 2007 AND PRECISION INPUT BASED ON PLAT NO. 21740.
3. DEED REFERENCE: LIBER 19022 FOLIO 322
4. THE EXISTING TOPOGRAPHY SHOWN HEREON IS TAKEN FROM FIELD RUN SURVEY WITH 2' CONTOUR INTERVALS PREPARED BY VOGEL ENGINEERING + TIMMONS GROUP, DATED OCTOBER 18, 2023. INFORMATION IS SUPPLEMENTED WITH HOWARD COUNTY GIS DATA.
5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
7. ANY CHANGE TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
8. ADJUSTMENT TO THE PRIVATE SEWAGE DISPOSAL AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
9. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
10. EXISTING WELLS AND/OR SEWAGE AREAS AND COMPONENTS WITHIN 200 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
11. THE BUILDING SITE SHOWN COMPLIES WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
12. A VARIANCE REQUEST FOR COMAR 26.04.02.05(B)(2) WAS APPROVED BY THE HOWARD COUNTY HEALTH DEPARTMENT ON 11/16/23. AS A STIPULATION FOR APPROVAL, THE SEPTIC DESIGN FOR LOT 1 MUST INCLUDE A BAT TANK, LOW PRESSURE DOSING AND A MAXIMUM TRENCH DEPTH OF SIX FEET.

THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL 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 DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.

SOILS LEGEND				
SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE / HYDRIC
GgB	GLENNELG LOAM, 3 TO 8 PERCENT SLOPES	B	.24	NO / NO
OcC	ODCOQUAN LOAM, 8 TO 15 PERCENT SLOPES	B	.37	YES / NO

-SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
 -HOWARD COUNTY SOILS MAP NUMBER: 2 - WOODBINE NW
 -K VALUES PER <https://www.howardcoid.org/documents> - K FACTORS (USE KW)
NOTE: HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT



VICINITY MAP
 SCALE: 1"=2000'
 ADC MAP/GRID NO. 8-E-3

BENCHMARKS

HOWARD COUNTY BENCHMARK 02HA (CONC. MON.)
 N 615000.21 E 1284960.98 ELEV. 735.28
 LOCATION: WATERSVILLE RD. E (1/2 MI. N. OF RT-99)

HOWARD COUNTY BENCHMARK 02HB (CONC. MON.)
 N 613910.96 E 1287573.30 ELEV. 736.34
 LOCATION: RT-99 1/2 MI. E. OF WATERSVILLE RD. E.

LEGEND:

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- ADJACENT PROPERTY LINE
- EXISTING EDGE OF PAVING
- EXISTING WELL
- EXISTING TREETLINE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- PASSED PERC. TEST
- FAILED PERC. TEST
- EX. PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS AND DRAINAGE EASEMENT FOR THE BENEFIT OF LOTS 1, 3, 4. BUILDABLE PRESERVATION PARCEL 'A' & NON-BUILDABLE BULK PARCEL 'C' (PLAT 25842-44)
- EX. PRIVATE VARIABLE WIDTH ACCESS, STORM WATER MANAGEMENT & UTILITY EASEMENT (PLAT 25842-44)
- EX. PUBLIC SIGHT DISTANCE & UTILITY EASEMENT (PLAT 21739-41)
- APPROVED WELL BOX AREA TO REMAIN
- APPROVED WELL BOX AREA TO BE ADDED
- APPROVED WELL BOX AREA TO BE ABANDONED
- APPROVED SEWAGE DISPOSAL AREA
- AREA OF APPROVED PRIVATE SEWAGE DISPOSAL AREA TO BE ABANDONED
- AREA OF PROPOSED PRIVATE SEWAGE DISPOSAL AREA TO BE ADDED



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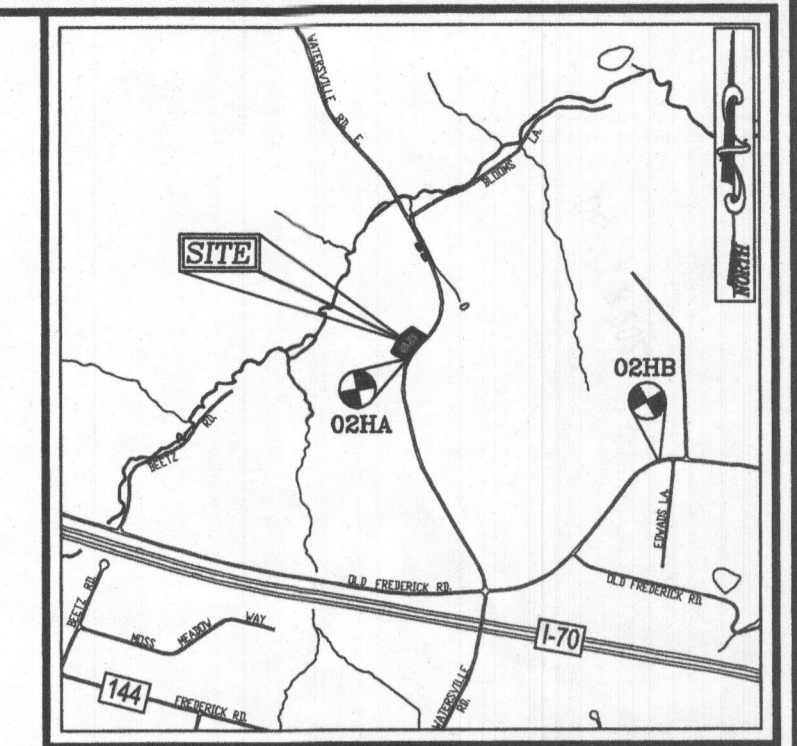
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NO.	REVISION	DATE

PERCOLATION CERTIFICATION REVISION PLAN

HAY MEADOW - LOT 1
 540 WATERSVILLE ROAD E.
 MOUNT AIRY, MD 21771
 (PLAT #25842-25844)

L. 19022 / F. 322
 TAX MAP: 2 GRID: 15
 4TH ELECTION DISTRICT

PARCEL: 18
 ZONED: RC-DEO
 HOWARD COUNTY, MARYLAND

VOGEL ENGINEERING

TIMMONS GROUP

3300 NORTH RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043
 P: 410.461.7666 F: 410.461.8961 www.timmons.com

DESIGN BY: _____ RHV		PROFESSIONAL CERTIFICATE I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16193, EXPIRATION DATE: 09-27-2024
DRAWN BY: _____ JMR		
CHECKED BY: _____ RHV		
DATE: _____ DECEMBER 2023		
SCALE: _____ 1"=30'		
W.O. NO.: _____ 03-117/61257		

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

[Signature]
 COUNTY HEALTH OFFICER H.O. 98
 DATE: 1/31/24

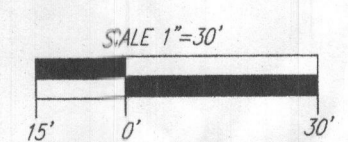
PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

[Signature]
 THOMAS M. HOEFMAN, JR.
 PROPERTY LINE SURVEYOR, NO. 267
 DATE: 12/14/23

OWNER
 PHILIP H. DORSEY
 13090 OLD FREDERICK ROAD
 SYKESVILLE, MD 211784
 (240) 755-7378

DEVELOPER
 M. GREGORY HOME BUILDING, LLC
 6310 WINTERS LANE
 HANOVER, MD 21076
 (240) 755-7378

PLAN VIEW
 SCALE: 1"=30'



WELL LOCATION CERTIFICATION:
 THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1936) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN

PURPOSE STATEMENT
 THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION PLAN IS TO REVISE THE APPROVED SEWAGE DISPOSAL AREA AND WELL BOX ON LOT 1 TO ACCOMMODATE THE PROPOSED HOUSE AND DRIVEWAY

ROBERT H. VOGEL, PE No.16193