

SOILS DATA TABLE

SYMBOL	SOIL	HYDRIC	K-FACTOR	ERODIBLE	GROUP
GcC	Glenelg Loam, 8%-15% Slopes	NO	0.24	NO	B
McD	Manor Loam, 15%-25% Slopes	NO	0.37	YES	C
GdB	Glenelg silt loam, 5%-8% Slopes	NO	0.24	NO	B
BrD	Brinklow Chan. Loam 15%-25% Slopes	NO	0.20	NO	C
Gc	Godorus & Hatboro SL, 0%-3% Slopes	YES	0.37	NO	C
GmB	Glenelg Silt Loam, 3%-8% Slopes	YES	0.37	YES	C
OCC	Oceanian Loam, 8%-15% Slopes	NO	0.37	YES	B

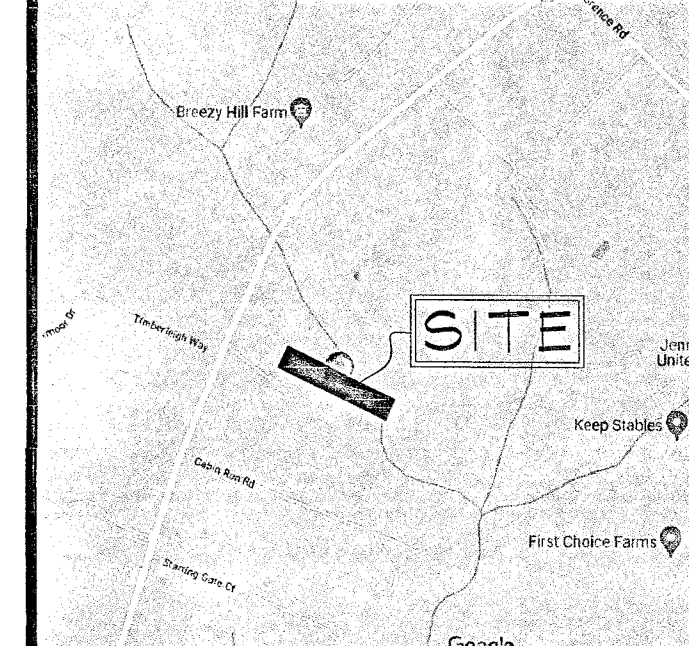
SOILS INFORMATION TAKEN FROM USDA WEB SOIL SURVEY WEBSITE
NOTE: HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15% OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR "K" GREATER THAN 0.35 WITH A SLOPE GREATER THAN 5 PERCENT.

ZONING DATA

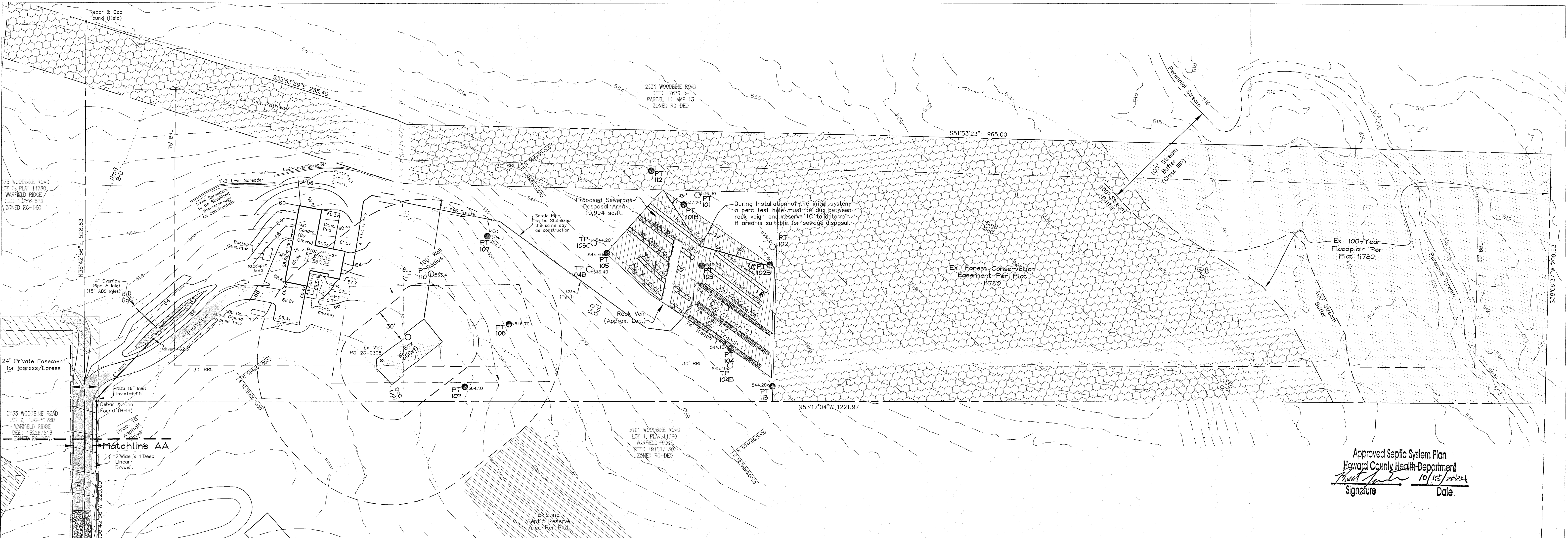
ZONING: RC-DEO
MIN. LOT AREA = 130,680 SQ FT (3 AC.)
MIN. LOT WIDTH AT R/W = 200 FT
MIN. LOT WIDTH AT B.R.L. = 200 FT
FRONT B.R.L. = 75 FT
REAR B.R.L. = 30 FT
SIDE B.R.L. = 60 FT

LEGEND

- EX. PROP. LINE
- EX. FENCE
- PROP. DRIVEWAY
- EX. SEWAGE DISPOSAL AREA (1/25/2023)
- SOIL BOUNDARY
- EX. 2' CONTOUR
- EX. 10' CONTOUR
- WELL BOX
- BUILDING RESTRICTION LINE
- PASSED PERC TEST
- FAILED PERC TEST



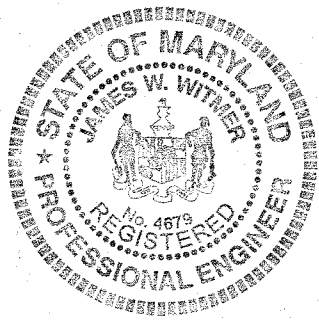
VICINITY MAP



Approved Septic System Plan
Howard County Health Department
Signature: [Signature] Date: 10/15/2024

GENERAL NOTES

- THIS PROPERTY IS ZONED RR-DEO.
- THE PROPERTY BOUNDARY SHOWN IS BASED ON EXISTING PLATS OF RECORD AND A SURVEY CONDUCTED BY JNM ENGINEERING, LLC.
- DEED REFERENCE: LIBER 1925 FOLIO 150.
- THE EXISTING TOPOGRAPHY IS BASED ON A FIELD RUN SURVEY PREPARED BY JNM ENGINEERING, LLC. TOPOGRAPHY SHOWN OUTSIDE OF THE PROPOSED DEVELOPMENT AREA IS BASED ON HOWARD COUNTY GIS.
- ANY CHANGE TO A SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- ADJUSTMENTS TO THE SEWAGE DISPOSAL AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- SOIL TYPES SHOWN ON THIS PLAN ARE FROM THE USDA WEB SOIL SURVEY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND SEWAGE EASEMENTS AND COMPONENTS WITHIN 200-FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- SEPTIC TANK COVER DEPTHS SHALL NOT EXCEED 3 FEET.
- ANY CHANGE TO THE LOCATION OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.

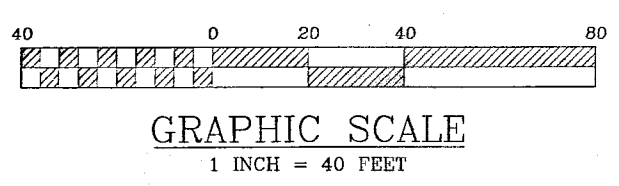


I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JAMES W. WIMER
PROFESSIONAL LAND SURVEYOR, MD REG. NO. 21931

OWNERS:

SARAH & DYLAN STROTHERS
3085 WOODBINE ROAD
WOODBINE, MARYLAND 21797
410-693-7367

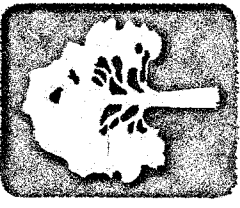


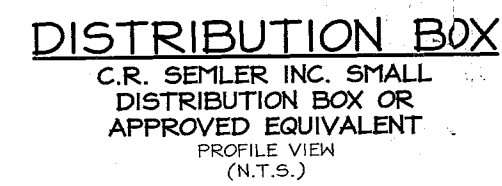
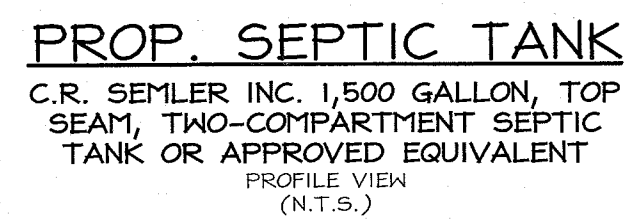
NOTE: EXISTING UTILITY LOCATIONS ARE APPROXIMATE. THEY ARE BASED UPON AVAILABLE RECORDS AND ARE SHOWN TO THE BEST OF OUR ABILITY. ALL UTILITY LOCATIONS MUST BE FIELD VERIFIED.

3085 WOODBINE ROAD
WOODBINE, MD 21797
PARCEL 223, MAP 13, 6.78 ACRES
PLAT 11780, WARFIELD RIDGE
ONSITE SEWAGE DISPOSAL DESIGN PLAN

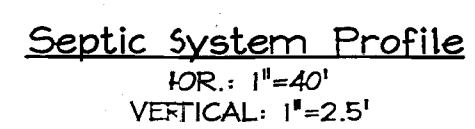
JNM ENGINEERING, LLC

CIVIL ENGINEERING, SURVEYING, LAND PLANNING,
ENVIRONMENTAL, ARBORICULTURE, LEED PROFESSIONALS
105 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
(301) 514-2808, JNMENGINEERINGLLC.COM





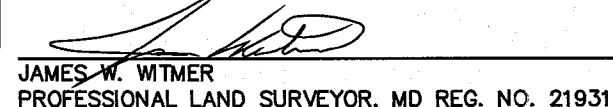
Replacement System 2
750 GPD
 $750 / .80 = 937.5$
 $937.5 / 3 = 312.5 \text{ lf}$
 $312.5 \times 0.55 \text{ (2.5' Sidewall)} = 172 \text{ LF Required}$
 $172 / 3 = 58 \text{ ft. (Install 3- 58' long trenches)}$



GRAPHIC SCALE
1 INCH = 40 FEET

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2 OF 2

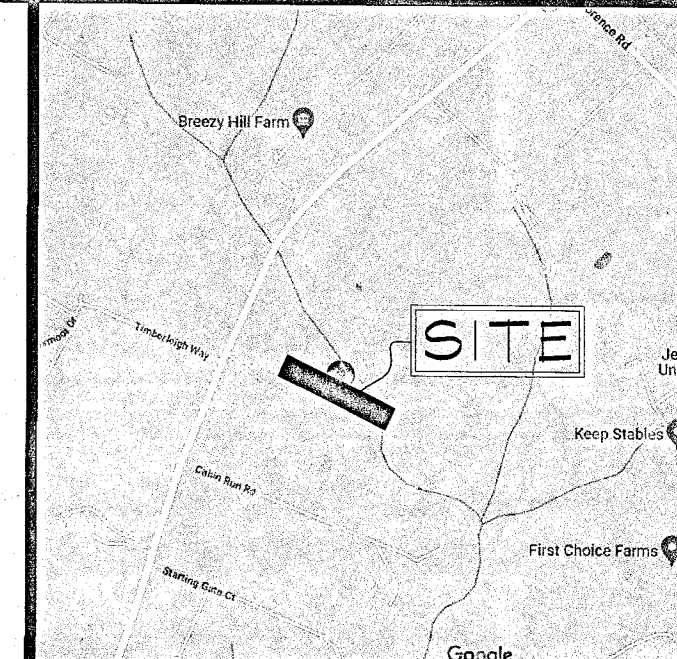
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enville silt loam, 5%-8% Slopes	NO	0.24	NO	B
inflow Chan. Loam 15%-25% Slopes	NO	0.20	NO	C
adcoar 4. Habbare SL, 0%-3% Slopes	YES	0.37	YES	B
enville Silt Loam, 3%-5% Slopes	YES	0.37	YES	C
adcoar Loam, 8%-15% Slopes	NO	0.37	YES	B

DATA

3085 Woodbine

LEGEND

EX. PROP. LINE
 EX. FENCE
 PROP. DRIVEWAY
 EX. SEWAGE DISPOSAL AREA
 (7/25/2023)
 SOIL BOUNDARY
 EX. 2' CONTOUR
 EX. 10' CONTOUR
 WELL BOX
 BUILDING RESTRICTION
 LINE
 ● Pass
 ○ Failed



VICINITY MAP

PROJECT	22-1202	DATE	1/2023
ILLUSTRATION	JWW	ENGINEERING	JWW
SCALE	1"=40'	APPROVAL	JWW

DATE	BY	REVISION

3085 WOODBINE ROAD

NOODINE HOWARD COUNTY MARY AND

ONSITE SEWAGE DISPOSAL DESIGN PLAN

JNM ENGINEERING, LLC

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ENVIRONMENTAL, ARBORICULTURE, LEED PROFESSIONALS
1105 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
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1 OF 2

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PARCEL 223, MAP 13, 6.78 ACRES
PLAT 11780, WARFIELD RIDGE
ON-SITE SEWAGE DISPOSAL DESIGN PLAN

Approved Septic System Plan
Howard County Health Department
[Signature] 8/22/2024
Signature Date
* Superseded By OSDS
Plan Approved 10/15/2024