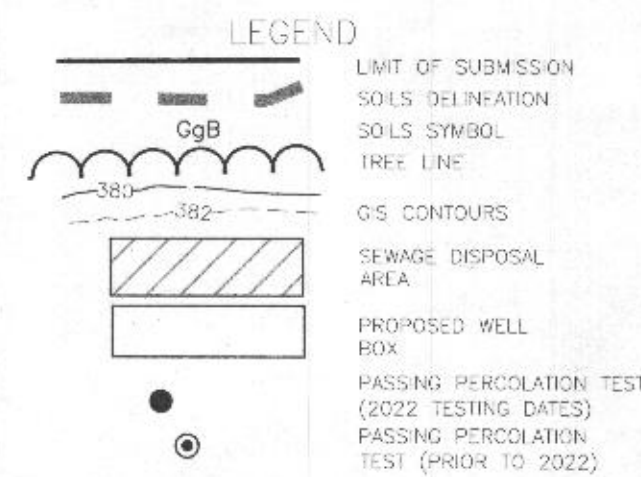


VICINITY MAP
SCALE: 1" = 2000'

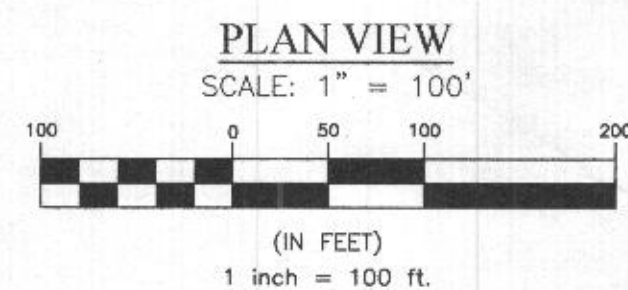


GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL A PUBLIC SEWER IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE AREA PLAT SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND WILL BE FIELD VERIFIED BY BENCHMARK ENGINEERING, INC. AT THE TIME OF PERCOLATION TEST STAKE OUT.
4. TO THE BEST OF OUR KNOWLEDGE, ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELL AND/OR SEPTIC HAVE BEEN SHOWN.
5. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE A SEWAGE DISPOSAL AREA AND A 1,500 SQ. FT. WELL BOX FOR MAUCK FARM ESTATES, LOT 2, PLAT BOOK 23, PAGE 45.
6. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
7. THERE ARE NO 22% OR GREATER SLOPES ON THIS PARCEL. THERE ARE NO 100-YEAR FLOODPLAIN ON THIS PARCEL.
8. THERE IS AN EXISTING WELL, EXISTING HOUSE, AND EXISTING SEPTIC SYSTEM ON THIS PARCEL. THE HOUSE IS TO BE HAVING AN INTERIOR REMODEL TO ADD A FIFTH BEDROOM. THE WELL WILL CONTINUE TO BE UTILIZED FOR THE HOUSE. A NEW SEPTIC WILL BE DESIGNED AND AN OSDS PERMIT WILL BE NECESSARY TO REPLACE THE EXISTING SEPTIC SYSTEM.
9. THERE ARE NO WET-SEASON TESTING SOILS NEAR THIS SITE.
10. PERCOLATION TEST FEE RECEIPT NUMBER, REFERENCED IN THE APPROVING AUTHORITY CORRESPONDENCE, IS A570906.
11. THERE IS NO PROPOSED GRADING AND THERE IS NO EXISTING OR PROPOSED STORMWATER MANAGEMENT.
12. THE EXISTING WELL SHOWN ON THIS PLAN, HO-73-1591, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
13. THE EXISTING SEPTIC TANK AND TRENCH WERE FIELD LOCATED AND ARE ACCURATELY SHOWN.

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND				
SYMBOL	HYDRIC	HYDROLOGIC GROUP	NAME	K-VALUE Whole Soil
GgB		B	GLENELO LOAM, 3 TO 8 PERCENT SLOPES	0.37
MaC		B	MANOR LOAM, 8 TO 15 PERCENT SLOPES	0.32

INDICATES HYDRIC SOILS
** HIGHLY ERODIBLE SOILS: SOILS WITH K OF 0.35 OR GREATER AND ON GRADES 5% OR STEEPER; OR SOILS ON GRADES 15% OR GREATER.
SOILS ARE TAKEN FROM THE NRCS WEB SOIL SURVEY FEBRUARY 2022, MAP 22.



HEALTH DEPARTMENT SPEC SHEET INFORMATION - LOT 2			
System	Application Rate	Effective Depth	Bottom Depth
Initial	0.8	4.0	7.5
1st Replacement	0.8	4.0	7.5
2nd Replacement	1.2	4.0	7.5

APPROVED FOR PRIVATE WATER AND SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED FOR PRIVATE WATER AND SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

I 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.

DATE: 4/13/23
PLAN PREPARER: JOHN M. CARNEY
FOR BENCHMARK ENGINEERING, INC.

BENCHMARK
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLICOTT CITY, MARYLAND 21043
(P) 410-465-6105 A (F) 410-465-6644
WWW.BEI-CIVILENGINEERING.COM

BUILDER:
PORTA CONSTRUCTION, INC.
10382 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21042
443-980-1398

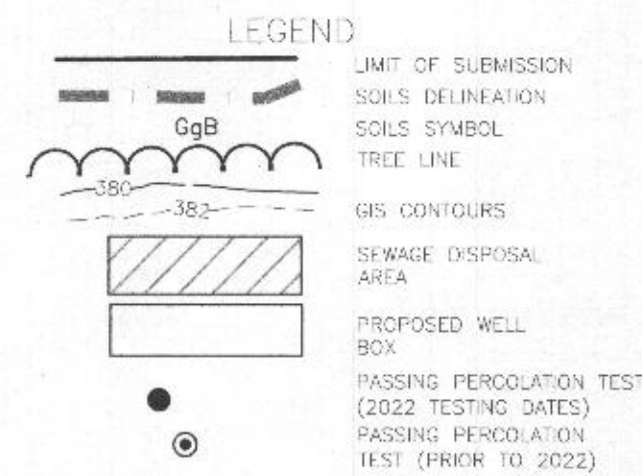
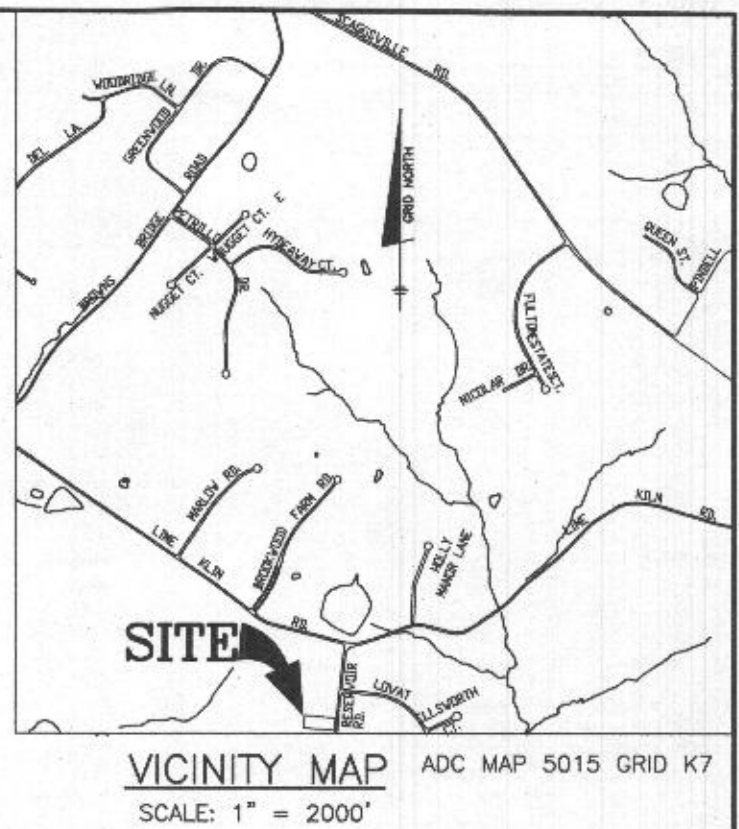
OWNER:
SARAH AND VINCENT POMPEY
8224 RESERVOIR ROAD
FULTON, MD 20759

MAUCK FARM ESTATES
LOT 2
POMPEY RESIDENCE

8224 RESERVOIR ROAD, FULTON, MD 20759
TAX MAP: 45 - GRID: 06 - PARCEL: 039
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
TAX ACCOUNT # 05-346096
ZONED: RR-DEO

PERCOLATION CERTIFICATION PLAN

DATE: MARCH, 2022
SCALE: 1" = 50'
DESIGN: jc
DRAFT: jc
BEI PROJECT NO. 3103
SHEET 1 OF 1

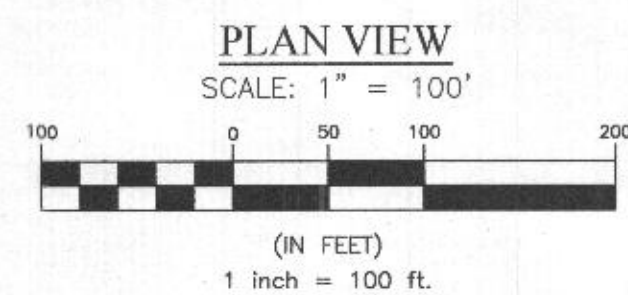


GENERAL NOTES

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- THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE A SEWAGE DISPOSAL AREA AND A 1,500 SQ. FT. WELL BOX FOR MAUCK FARM ESTATES, LOT 2, PLAT BOOK 23, PAGE 45.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THERE ARE NO 25% OR GREATER SLOPES ON THIS PARCEL. THERE ARE NO 100-YEAR FLOODPLAIN ON THIS PARCEL.
- THERE IS AN EXISTING WELL, EXISTING HOUSE, AND EXISTING SEPTIC SYSTEM ON THIS PARCEL. THE HOUSE IS TO BE HAVE AN INTERIOR REMODEL TO ADD A FIFTH BEDROOM. THE WELL WILL CONTINUE TO BE UTILIZED FOR THE HOUSE. A NEW SEPTIC WILL BE DESIGNED AND AN OSDS PERMIT WILL BE NECESSARY TO REPLACE THE EXISTING SEPTIC SYSTEM.
- THERE ARE NO WET-SEASON TESTING SOILS NEAR THIS SITE.
- PERCOLATION TEST FEE RECEIPT NUMBER, REFERENCED IN THE APPROVING AUTHORITY CORRESPONDENCE, IS 4570966.
- THERE IS NO PROPOSED GRADING AND THERE IS NO EXISTING OR PROPOSED STORMWATER MANAGEMENT.
- THE EXISTING WELL SHOWN ON THIS PLAN, HO-73-1591, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
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SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND				
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HEALTH DEPARTMENT SPEC SHEET INFORMATION - LOT 2			
System	Application Rate	Effective Depth	Bottom Depth
Initial	0.8	4.0	7.5
1st Replacement	0.8	4.0	7.5
2nd Replacement	1.2	4.0	7.5

APPROVED FOR PRIVATE WATER AND SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER
U.D. 98

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DATE 4/12/22
PLAN PREPARER
JOHN M. CARNEY
FOR BENCHMARK ENGINEERING, INC.

BENCHMARK
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 A (F) 410-465-6644
WWW.BEI-CIVILENGINEERING.COM

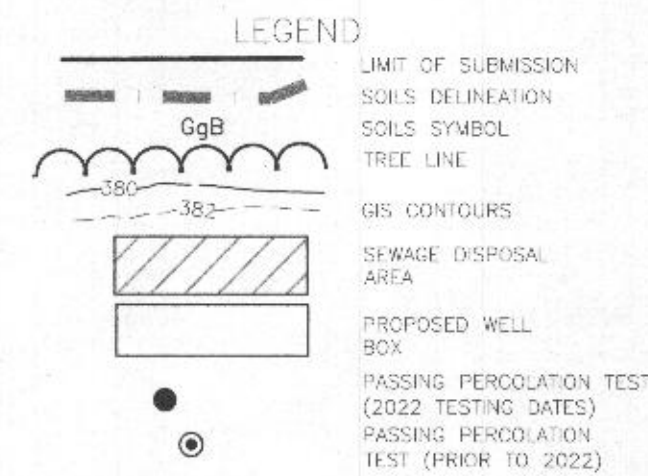
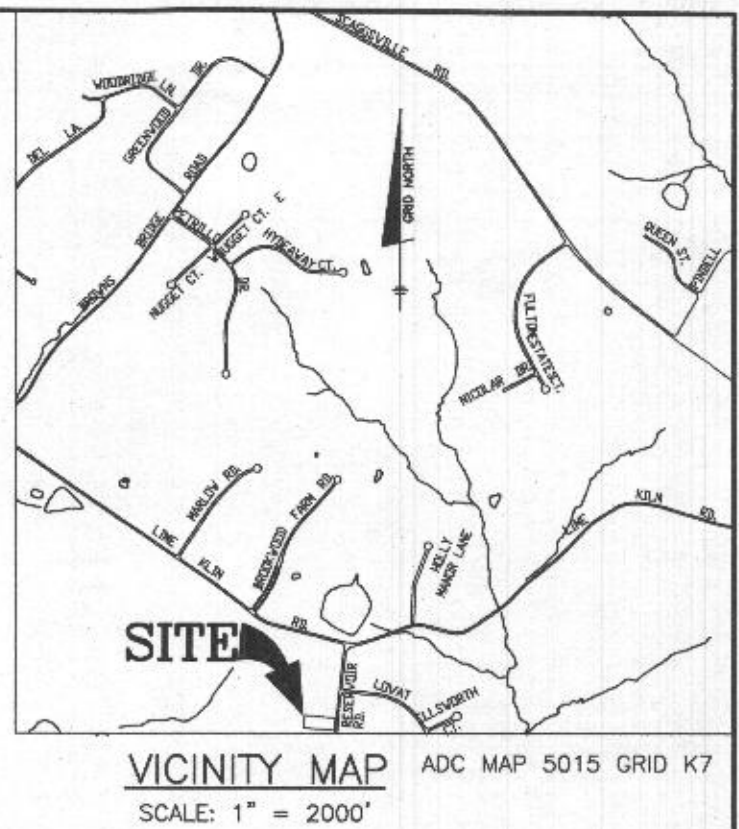
MAUCK FARM ESTATES LOT 2 POMPEY RESIDENCE

8224 RESERVOIR ROAD, FULTON, MD 20759
TAX MAP: 45 - GRID: 06 - PARCEL: 039
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
TAX ACCOUNT # 05-346096
ZONED: RR-DEO

PERCOLATION CERTIFICATION PLAN

DATE: MARCH, 2022 BEI PROJECT NO. 3103
SCALE: 1" = 50' SHEET 1 OF 1

DESIGN: jc DRAFT: jc



GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE AREA PLAT SHALL NOT BE REQUIRED.
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5. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE A SEWAGE DISPOSAL AREA AND A 1,500 SQ. FT. WELL BOX FOR MAUCK FARM ESTATES, LOT 2, PLAT BOOK 23, PAGE 45.
6. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
7. THERE ARE NO 25% OR GREATER SLOPES ON THIS PARCEL. THERE ARE NO 100-YEAR FLOODPLAIN ON THIS PARCEL.
8. THERE IS AN EXISTING WELL, EXISTING HOUSE, AND EXISTING SEPTIC SYSTEM ON THIS PARCEL. THE HOUSE IS TO BE HAVE AN INTERIOR REMODEL TO ADD A FIFTH BEDROOM. THE WELL WILL CONTINUE TO BE UTILIZED FOR THE HOUSE. A NEW SEPTIC WILL BE DESIGNED AND AN OSDS PERMIT WILL BE NECESSARY TO REPLACE THE EXISTING SEPTIC SYSTEM.
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SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND				
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GgB		B	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	0.37
MaC		B	MANOR LOAM, 8 TO 15 PERCENT SLOPES	0.32

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SOILS ARE TAKEN FROM THE NRCS WEB SOIL SURVEY FEBRUARY 2022, MAP 22.

HEALTH DEPARTMENT SPEC SHEET INFORMATION - LOT 2			
System	Application Rate	Effective Depth	Bottom Depth
Initial	0.8	4.0	7.5
1st Replacement	0.8	4.0	7.5
2nd Replacement	1.2	4.0	7.5

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

John M. Carney
HOWARD COUNTY HEALTH OFFICER
H.D. 9/8

I 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.

John M. Carney 4/12/22
DATE
PLAN PREPARER
JOHN M. CARNEY
FOR BENCHMARK ENGINEERING, INC.

BENCHMARK
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLICOTT CITY, MARYLAND 21043
(P) 410-465-6105 • (F) 410-465-8644
WWW.BEI-CIVILENGINEERING.COM

BUILDER:
PORTA CONSTRUCTION, INC.
10382 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21042
443-980-1399

OWNER:
SARAH AND VINCENT POMPEY
8224 RESERVOIR ROAD
FULTON, MD 20759

**MAUCK FARM ESTATES
LOT 2
POMPEY RESIDENCE**

8224 RESERVOIR ROAD, FULTON, MD 20759
TAX MAP: 45 - GRID: 06 - PARCEL: 039
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
TAX ACCOUNT # 05-346096
ZONED: RR-DEO

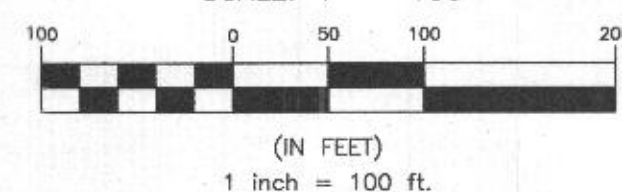
PERCOLATION CERTIFICATION PLAN

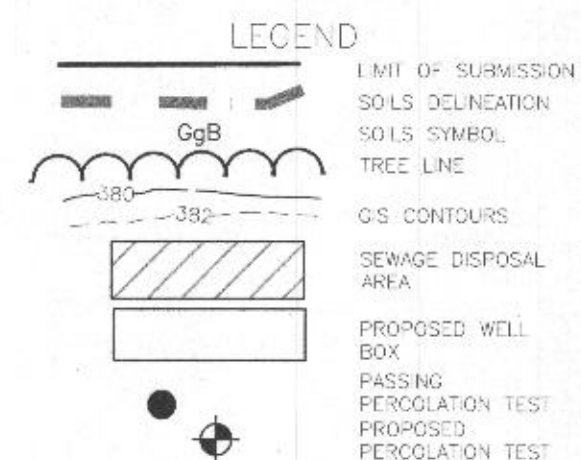
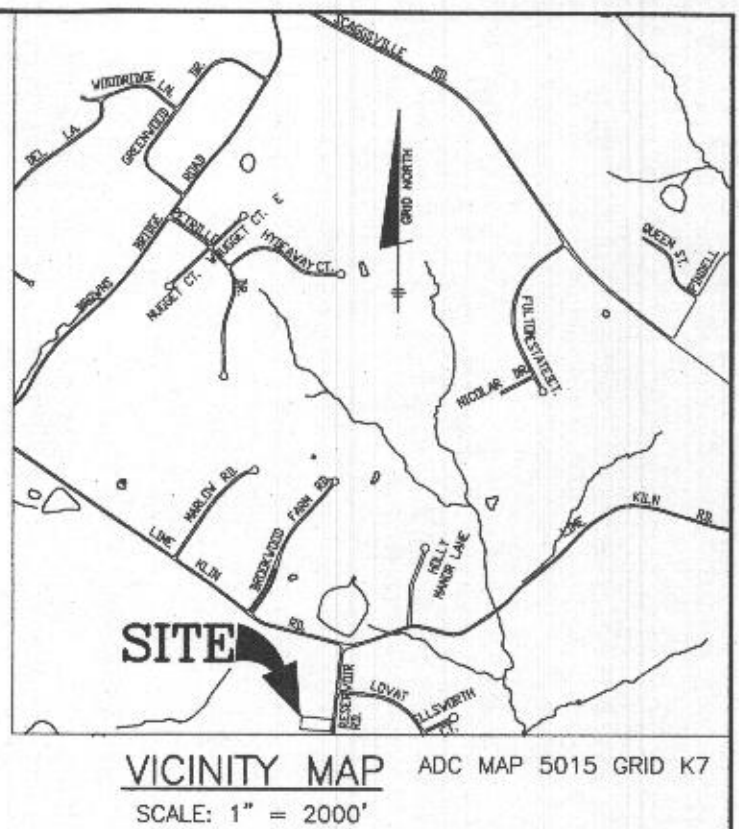
DATE: MARCH, 2022 BEI PROJECT NO. 3103
SCALE: 1" = 50' SHEET 1 OF 1

DESIGN: jc DRAFT: jc

PLAN VIEW

SCALE: 1" = 100'





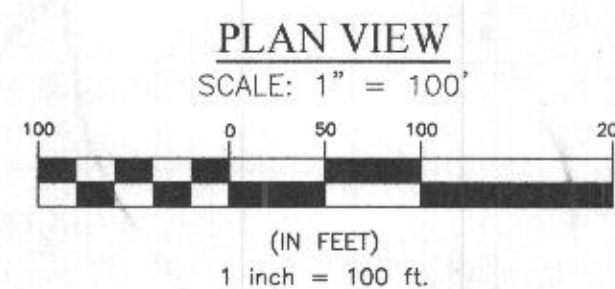
GENERAL NOTES

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6. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
7. THERE ARE NO 20% OR GREATER SLOPES ON THIS PARCEL. THERE ARE NO 100-YEAR FLOODPLAIN ON THIS PARCEL.
8. THERE IS AN EXISTING WELL, EXISTING HOUSE, AND EXISTING SEPTIC SYSTEM ON THIS PARCEL. THE HOUSE IS TO BE HAVE AN INTERIOR REMODEL TO ADD A FIFTH BEDROOM. THE WELL WILL CONTINUE TO BE UTILIZED FOR THE HOUSE. A NEW SEPTIC WILL BE DESIGNED AND AN OGDOS PERMIT WILL BE NECESSARY TO REPLACE THE EXISTING SEPTIC SYSTEM.
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10. PERCOLATION TEST FEE RECEIPT NUMBER, REFERENCED IN THE APPROVING AUTHORITY CORRESPONDENCE, IS AS.
11. THERE IS NO PROPOSED GRADING AND THERE IS NO EXISTING OR PROPOSED STORMWATER MANAGEMENT.
12. A VARIANCE WILL BE NECESSARY TO HAVE THE SEWAGE DISPOSAL AREA LESS THAN 10' FROM THE PROPERTY LINE. THE OWNER PROPOSES TO HAVE THE PROPERTY LINE NEAR THE TRENCHES STAKED BY A SURVEYOR AT THE TIME OF TRENCH INSTALLATION. THE SEWAGE DISPOSAL AREA IS TO BE NO CLOSER THAN 5' FROM THE PROPERTY LINE.

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND				
SYMBOL	HYDRIC	HYDROLOGIC GROUP	NAME	K-VALUE Whole Soil
GgB		B	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	0.37
Mac		B	MANOR LOAM, 8 TO 15 PERCENT SLOPES	0.32

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SOILS ARE TAKEN FROM THE NRCS WEB SOIL SURVEY FEBRUARY 2022, MAP 22.

P2 → 15' depth



APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER

DATE

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PLAN PREPARED BY
JOHN M. CARNEY
FOR BENCHMARK ENGINEERING INC.

BENCHMARK
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 215
ELICOTT CITY, MARYLAND 21043
(P) 410-485-6105 & (F) 410-485-6544
WWW.BEI-CHILDENGINEERING.COM

BUILDER:
PORTA CONSTRUCTION, INC.
10382 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MD 21042
443-980-1399

OWNER:
SARAH AND VINCENT POMEY
8224 RESERVOIR ROAD
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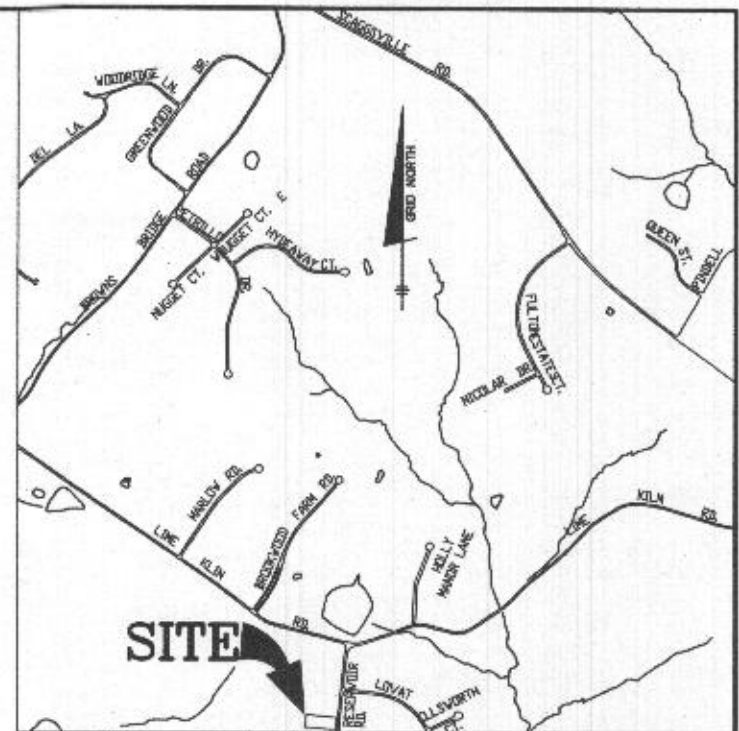
**MAUCK FARM ESTATES
LOT 2
POMPEY RESIDENCE**

8224 RESERVOIR ROAD, FULTON, MD 20759
TAX MAP: 45 - GRID: 06 - PARCEL: 039
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
TAX ACCOUNT # 05-346096
ZONED: RR-DEO

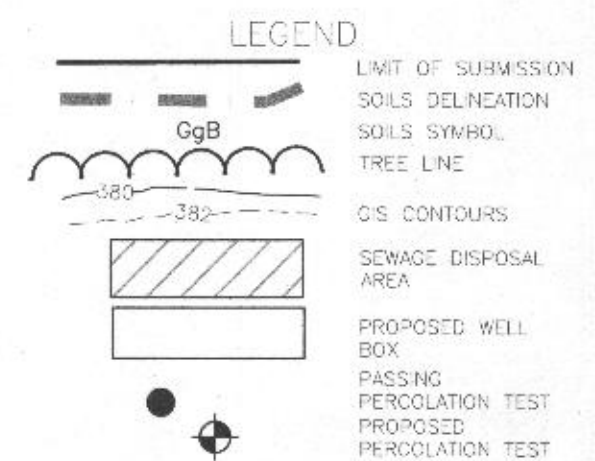
PERCOLATION TESTING PLAN

DATE: FEB., 2022 BEI PROJECT NO. 3103
SCALE: 1" = 50' SHEET 1 OF 1

DESIGN: jc DRAFT: jc



VICINITY MAP ADC MAP 5015 GRID K7
SCALE: 1" = 2000'

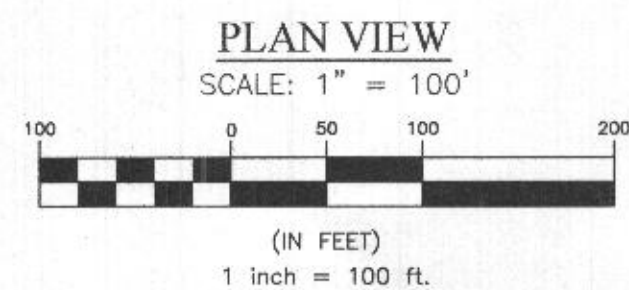


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SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND				
SYMBOL	HYDRIC	HYDROLOGIC GROUP	NAME	k-VALUE Whole Soil
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MaC		S	MANOR LOAM, 8 TO 15 PERCENT SLOPES	0.32

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APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE

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PLAN PREPARER
JOHN M. CARNEY
FOR BENCHMARK ENGINEERING INC.

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ENGINEERING, INC.
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PORTA CONSTRUCTION, INC.
10382 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21042
443-980-1399

OWNER:
SARAH AND VINCENT POMEY
8224 RESERVOIR ROAD
FULTON, MD 20759

MAUCK FARM ESTATES
LOT 2
POMPEY RESIDENCE

8224 RESERVOIR ROAD, FULTON, MD 20759
TAX MAP: 45 - GRID: 06 - PARCEL: 039
ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MARYLAND
TAX ACCOUNT # 05-346096
ZONED: RR-DEO

PERCOLATION TESTING PLAN

DATE: FEB., 2022 BEI PROJECT NO. 3103
SCALE: 1" = 50' SHEET 1 OF 1

DESIGN: jc DRAFT: jc