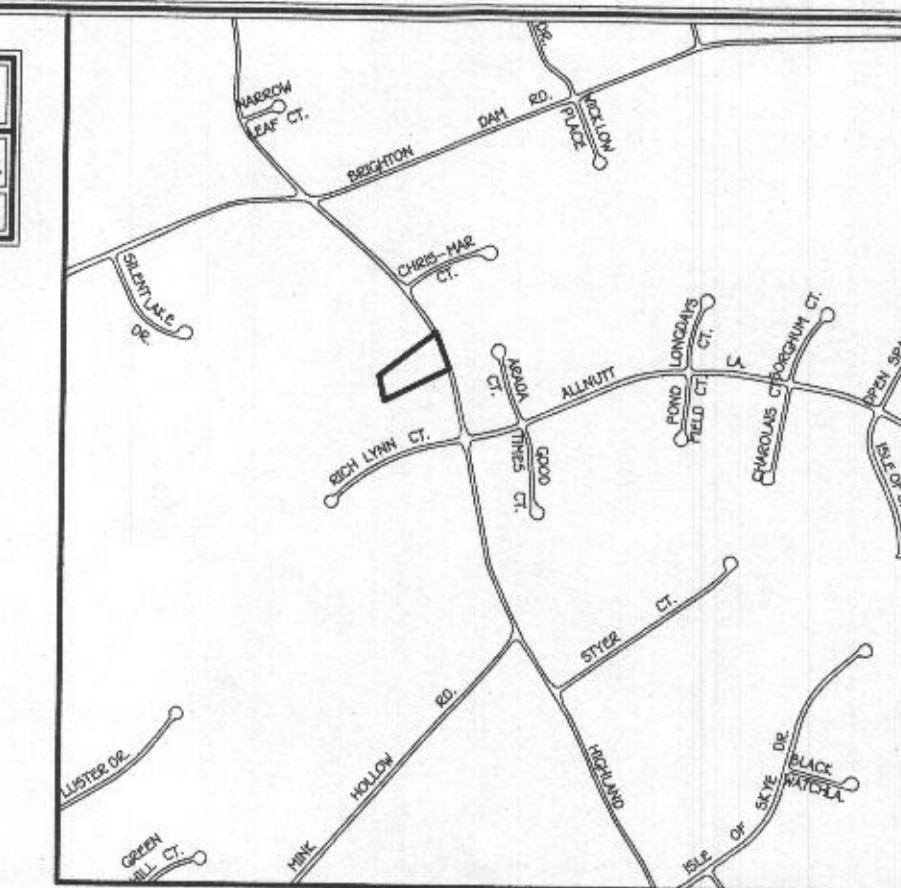


LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES EXISTING WELL
- DENOTES PASSED PERC
- DENOTES ALTERNATE WELL SITE

SOILS LEGEND

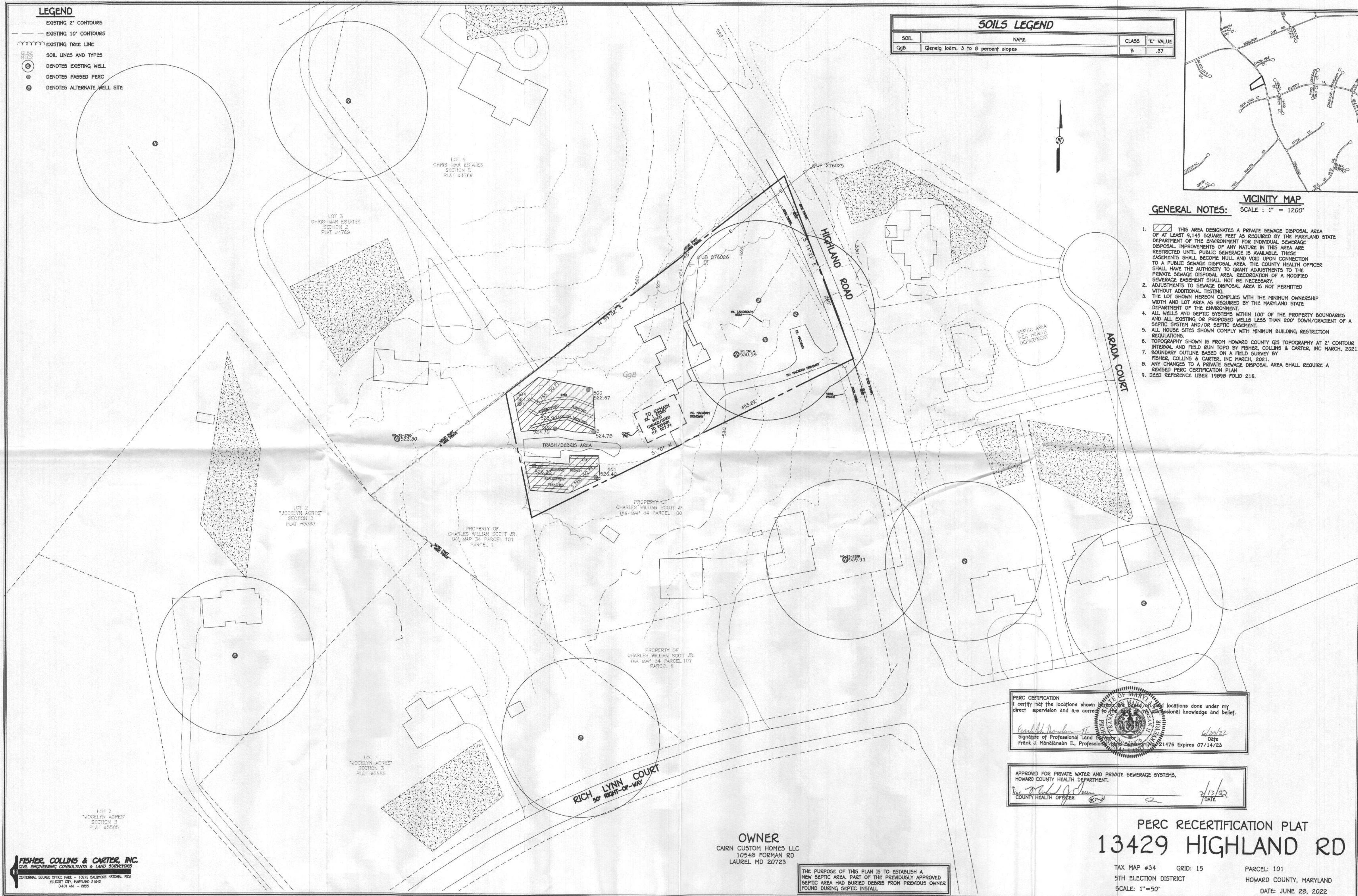
SOIL	NAME	CLASS	'K' VALUE
GgB	Glenelg loam, 3 to 6 percent slopes	B	.37



VICINITY MAP

GENERAL NOTES: SCALE: 1" = 1200'

1. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 9,145 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERSHIP. DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE DISPOSAL AREA. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEWAGE DISPOSAL AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES AND ALL EXISTING OR PROPOSED WELLS LESS THAN 200' DOWN/GRADIENT OF A SEPTIC SYSTEM AND/OR SEPTIC EASEMENT.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY Q5 TOPOGRAPHY AT 2' CONTOUR INTERVAL AND FIELD RUN TOPO BY FISHER, COLLINS & CARTER, INC MARCH, 2021.
7. BOUNDARY OUTLINE BASED ON A FIELD SURVEY BY FISHER, COLLINS & CARTER, INC MARCH, 2021.
8. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCE LIBER 1999B FOLIO 216.



PERC CERTIFICATION
 I certify that the locations shown on this plan were found and locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Frank J. Mandlanson II
 Signature of Professional Land Surveyor
 Frank J. Mandlanson II, Professional Land Surveyor No. 21476 Expires 07/14/23

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.

Frank J. Mandlanson II
 COUNTY HEALTH OFFICER

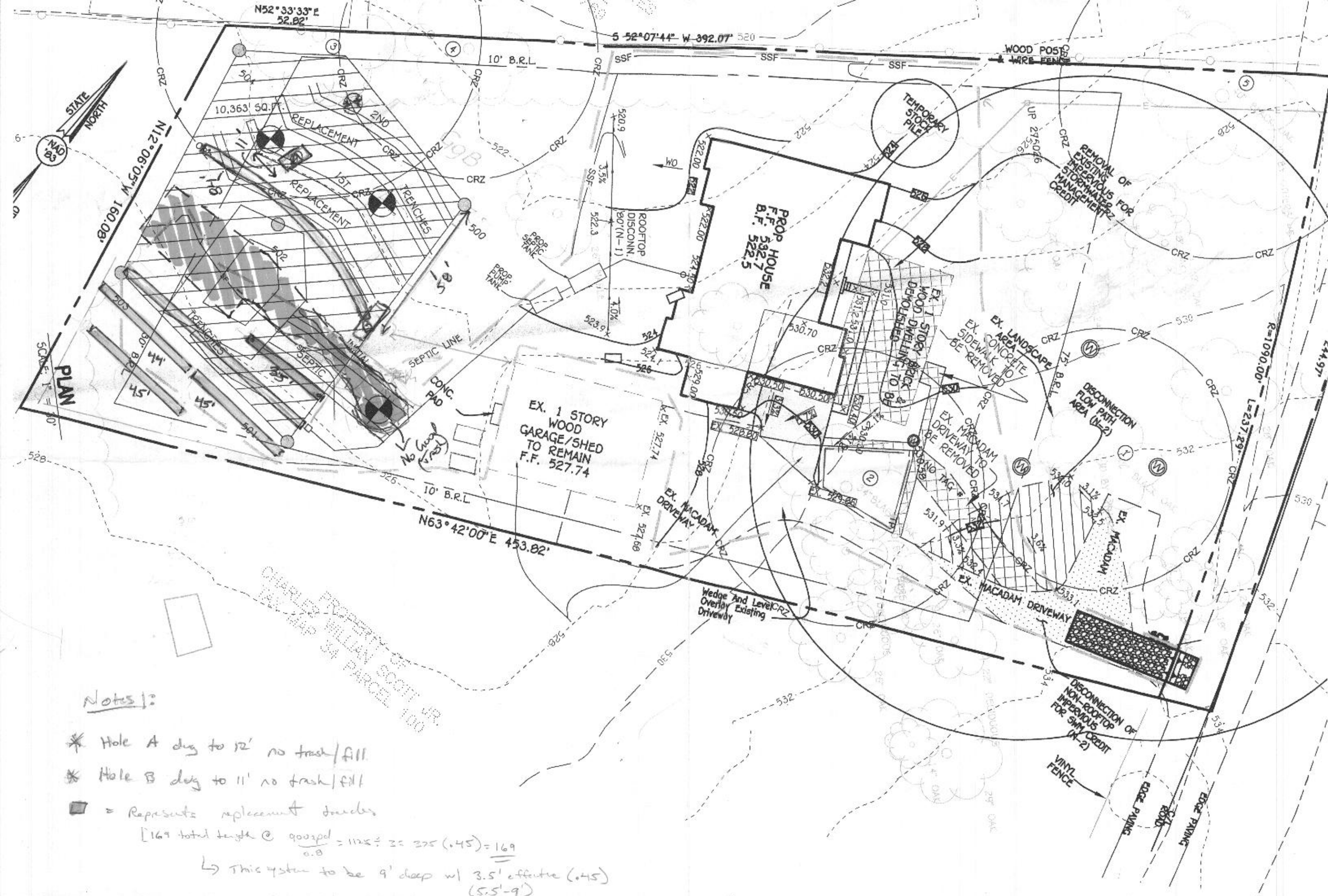
7/13/22
 DATE

**PERC RECERTIFICATION PLAT
 13429 HIGHLAND RD**

TAX MAP #34 GRID: 15 PARCEL: 101
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=50' DATE: JUNE 28, 2022

OWNER
 CAIRN CUSTOM HOMES LLC
 10548 FORMAN RD
 LAUREL MD 20723

THE PURPOSE OF THIS PLAN IS TO ESTABLISH A NEW SEPTIC AREA PART OF THE PREVIOUSLY APPROVED SEPTIC AREA HAD BURIED DEBRIS FROM PREVIOUS OWNER FOUND DURING SEPTIC INSTALL.



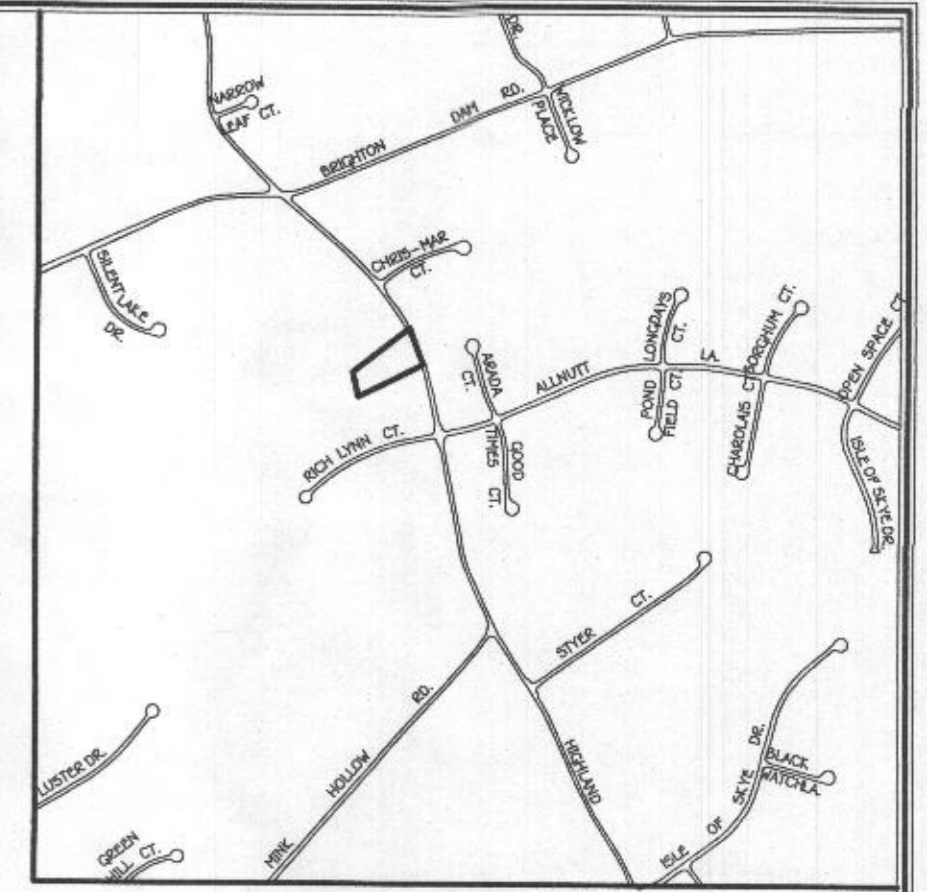
Notes:

- * Hole A dug to 12' no trash/fill.
 - * Hole B dug to 11' no trash/fill
 - = Represents replacement trenches
- $$[169 \text{ total length} @ \frac{900 \text{ spd}}{0.8} = 1125 \div 2 = 225 (.45) = 169$$
- ↳ This system to be 9' deep w/ 3.5' effective (.45) (5.5'-9')

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- ⊙ DENOTES PASSED PERC
- ⊙ DENOTES ALTERNATE WELL SITE

SOILS LEGEND			
SOIL	NAME	CLASS	'K' VALUE
GgB	Glenely loam, 3 to 8 percent slopes	B	.37



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET 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 SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE DISPOSAL AREA. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
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4. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES AND ALL EXISTING OR PROPOSED WELLS LESS THAN 200' DOWN/GRADE OF A SEPTIC SYSTEM AND/OR SEPTIC EASEMENT.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. THE EXISTING WELL SHALL BE ABANDONED BY A LICENSED WELL DRILLER AND THE OFFICIAL WELL ABANDONMENT REPORT DESIGNATED FOR THE 'COUNTY' SHALL BE APPROVED BY THE HEALTH DEPARTMENT PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT FOR ALTERING THE RESIDENCE.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL AND FIELD RUN TOPO BY FISHER, COLLINS & CARTER, INC MARCH, 2021.
8. BOUNDARY OUTLINE BASED ON A FIELD SURVEY BY FISHER, COLLINS & CARTER, INC MARCH, 2021.
9. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCE LIBER 1999B FOLIO 216.



PERC 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.

Mark L. Robel
Signature of Property Line Surveyor
MARK L. ROBEL, Property Line Surveyor No. 339 Expires 10/04/22

3/17/21
Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____ DATE _____

PERC CERTIFICATION PLAT
13429 HIGHLAND RD

TAX MAP #34 GRID: 15 PARCEL: 101
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MARCH 17, 2021

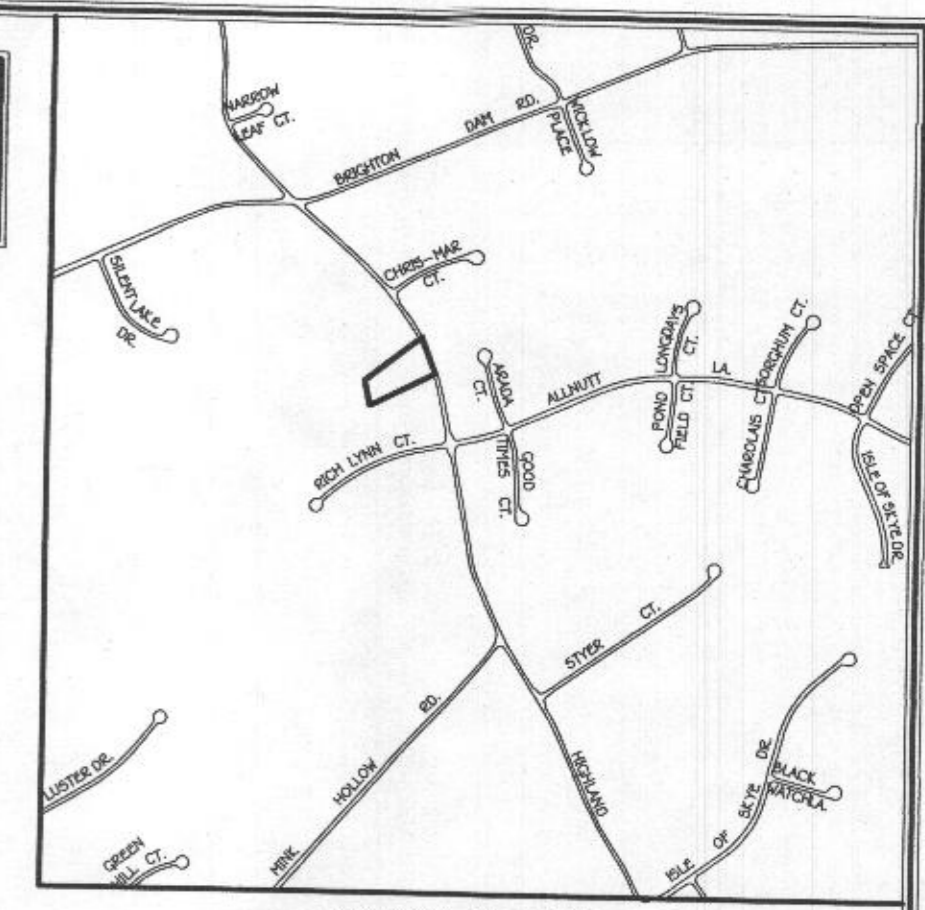
OWNER
CAIRN CUSTOM HOMES LLC
10548 FORMAN RD
LAUREL MD 20723

THE PURPOSE OF THIS PLAN IS TO ESTABLISH A
NEW 10,000 SQ.FT. SEPTIC AREA AND NEW WELL SITES.

LEGEND

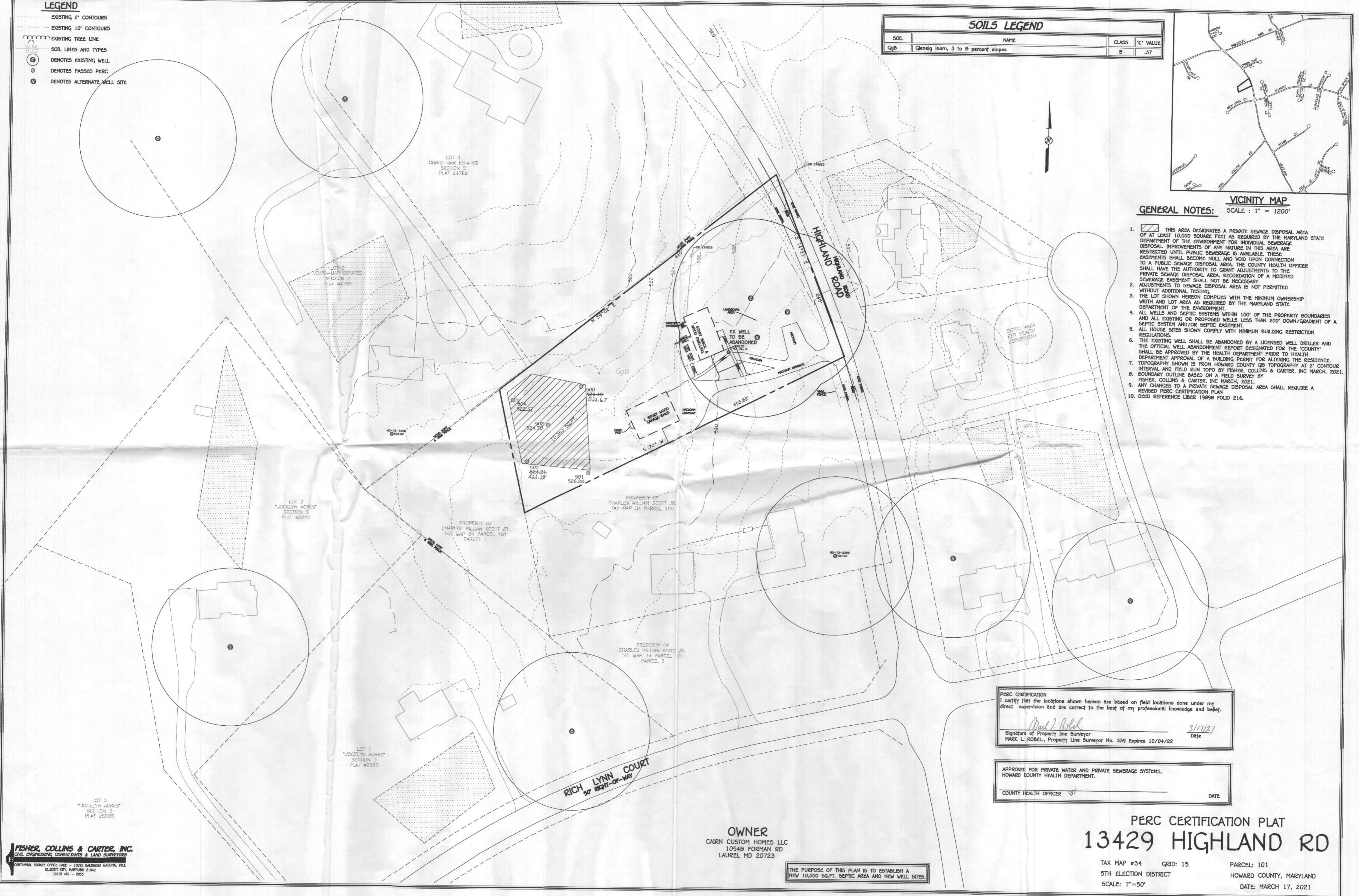
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SOILS LEGEND			
SOIL	NAME	CLASS	'E' VALUE
GgB	Glenn loam, 3 to 8 percent slopes	B	.57



VICINITY MAP
SCALE: 1" = 1200'

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MARK L. ROBEL, Property Line Surveyor No. 339 Expires 10/04/22

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HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____ DATE _____

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THE PURPOSE OF THIS PLAN IS TO ESTABLISH A
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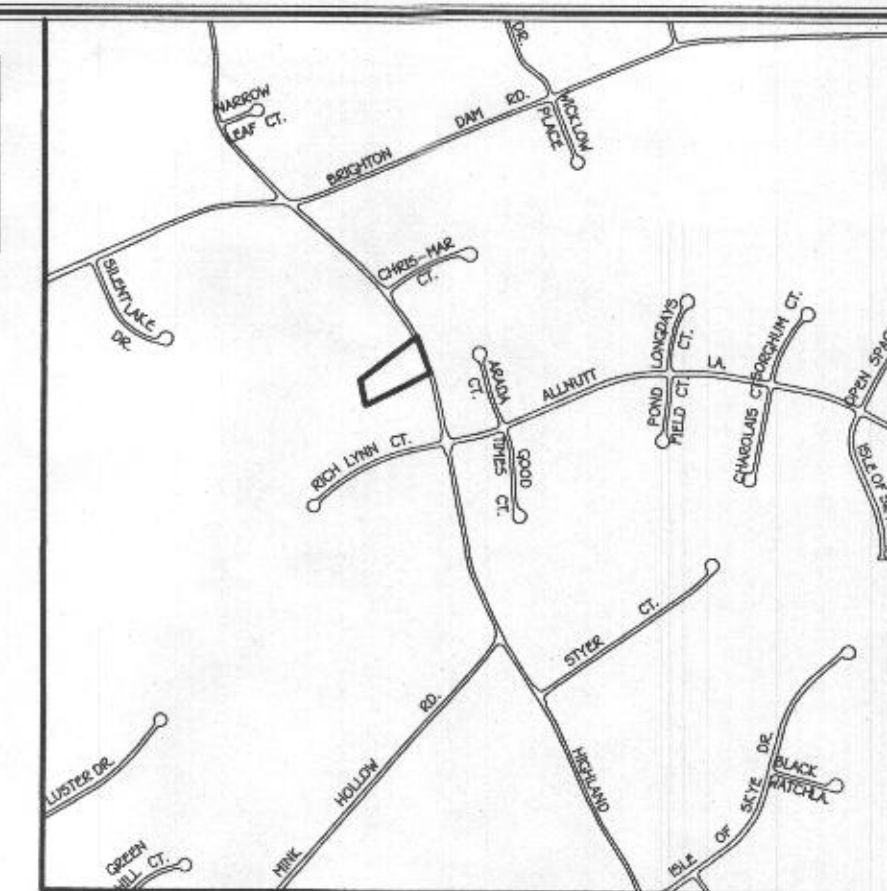
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13429 HIGHLAND RD

TAX MAP #34 GRID: 15 PARCEL: 101
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MARCH 17, 2021

LEGEND

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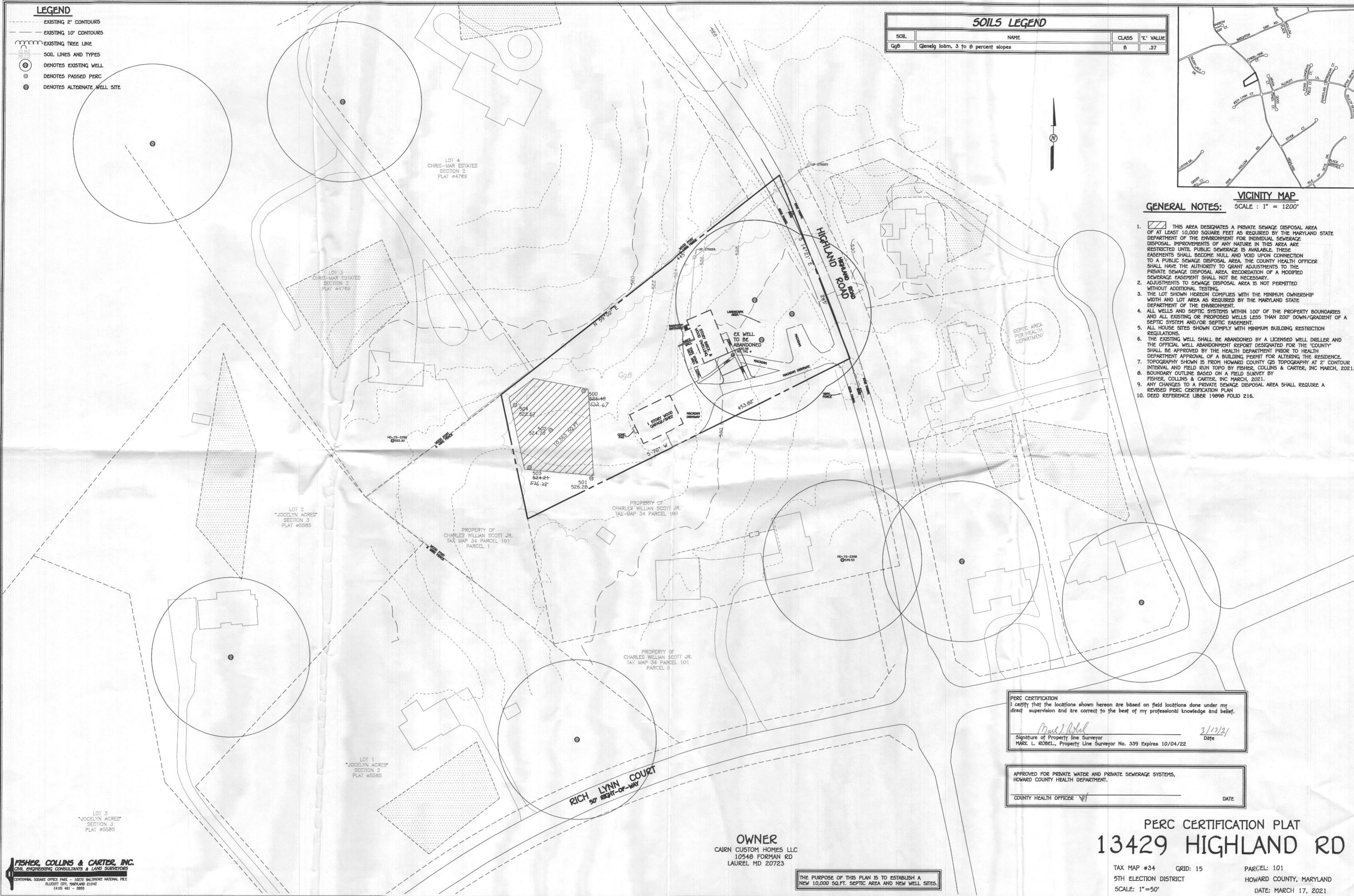
SOILS LEGEND			
SOIL	NAME	CLASS	'K' VALUE
GgB	Glenelg loam, 3 to 6 percent slopes	B	.37



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