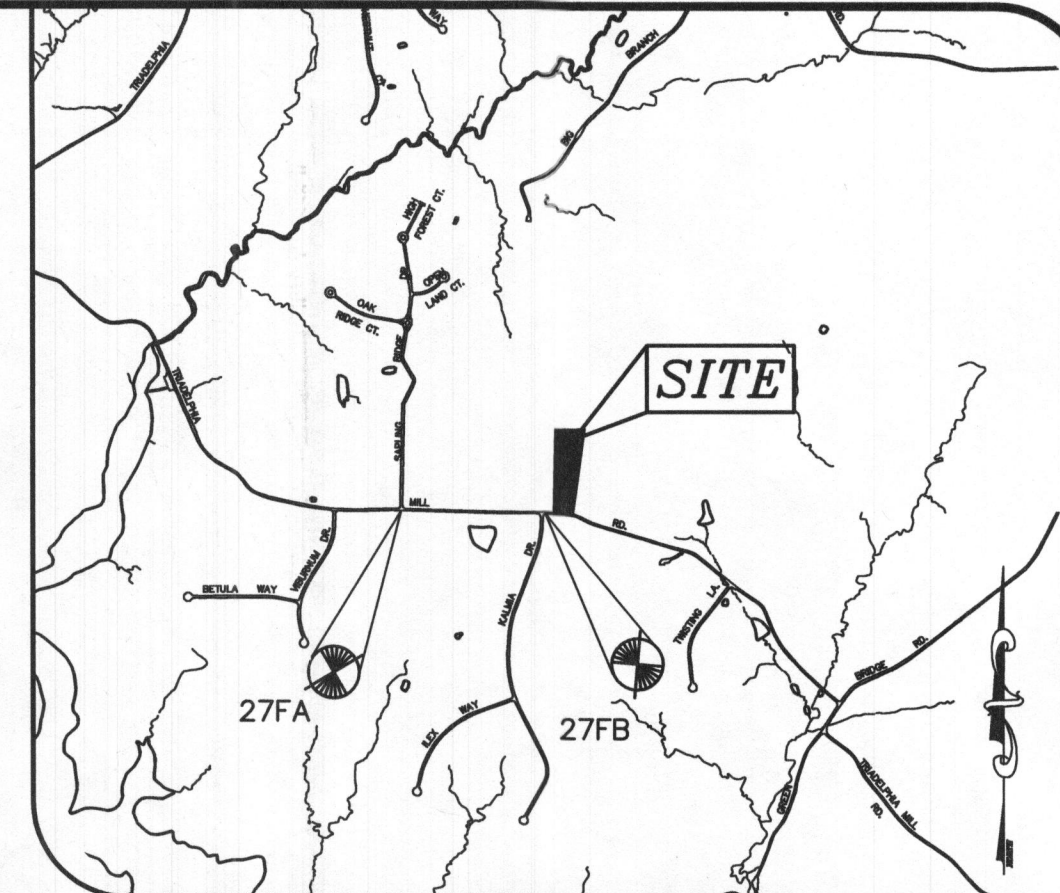
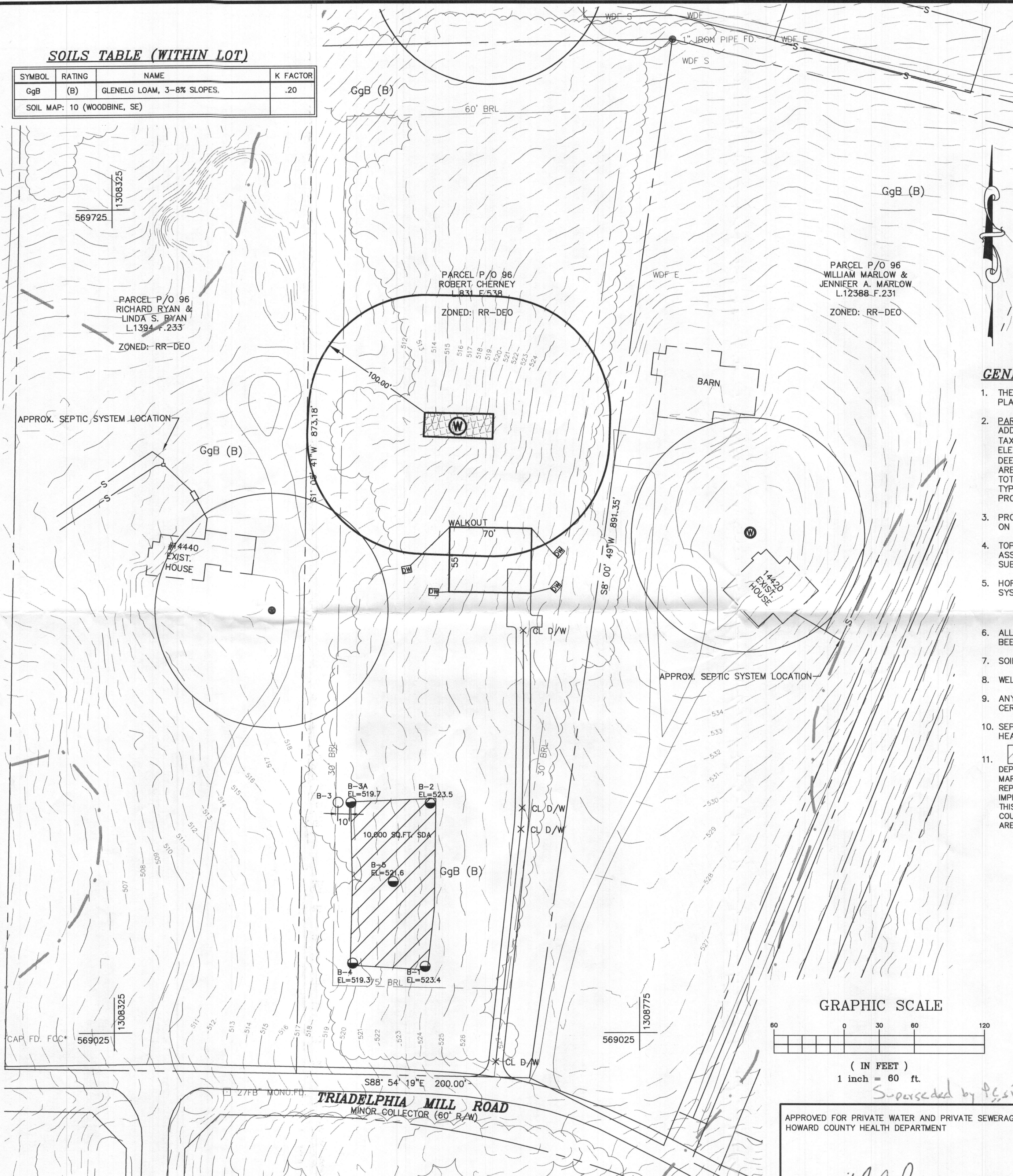


SOILS TABLE (WITHIN LOT)

SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
SOIL MAP: 10 (WOODBINE, SE)			



VICINITY MAP
SCALE: 1"=2000'
ADC MAP: 13 (D-3)

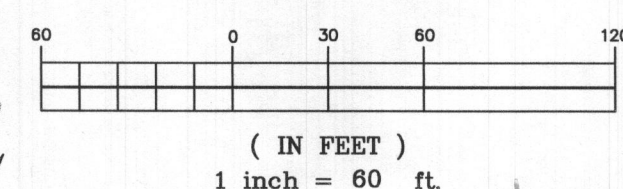
GENERAL NOTES:

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 10/06/2013 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**
ADDRESS : 14430 TRIADDELPHIA MILL ROAD, DAYTON MD 21036
TAX MAP 27; GRID 17; PARCEL P/O 96
ELECTION DISTRICT : FIFTH
DEED REFERENCE: 831 / 538
AREA : 5.11 AC±
TOTAL NUMBER OF UNITS : 1
TYPE OF PROPOSED UNIT : SFD
PROPOSED USE FOR SITE : RESIDENTIAL.
- PROJECT BOUNDARY IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JULY, 2020 BY MILDENBERG, BOENDER & ASSOC.
- TOPOGRAPHY SHOWN HERE IS GIS AND HAS BEEN FIELD VERIFIED BY MILDENBERG, BOENDER & ASSOC, INC. IN JULY 2020 TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 27FA & 27FB
STA. No. 27FA: N 569,002.176; E 1,306,892.586; EL. 496.351 (NAVD88)
STA. No. 27FB: N 568,975.151; E 1,308,421.369; EL. 512.223 (NAVD88)
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
- SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY
- WELL LOCATIONS SHOWN ARE BASED ON HEALTH DEPARTMENT RECORDS VERIFIED BY FIELD VISIT.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- SEPTIC TANKS AND DRAIN FIELD SHOWN IS BASED ON DATA PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT.
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE 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.

LEGEND

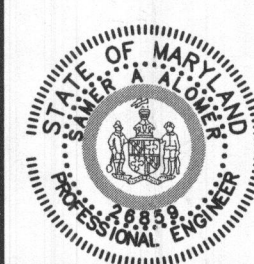
- B-2 PASSED PERCOLATION TEST SITE
- B-2 FAILED PERCOLATION TEST SITE
- PROPOSED WELL
- EXISTING WELL
- PROPOSED WELL ZONE 1,500 SQ.FT
- PROPOSED DRYWELLS (SWM)
- PROPOSED SEWAGE DISPOSAL AREA

GRAPHIC SCALE



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

Samuel J. Alomer
HEALTH OFFICER, HOWARD COUNTY HEALTH. DEPT. 14.0 DATE 8/17/21



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 26859, EXP DATE 08/08/23

SAMER A. ALOMER P.E. 08.16.2021 DATE:

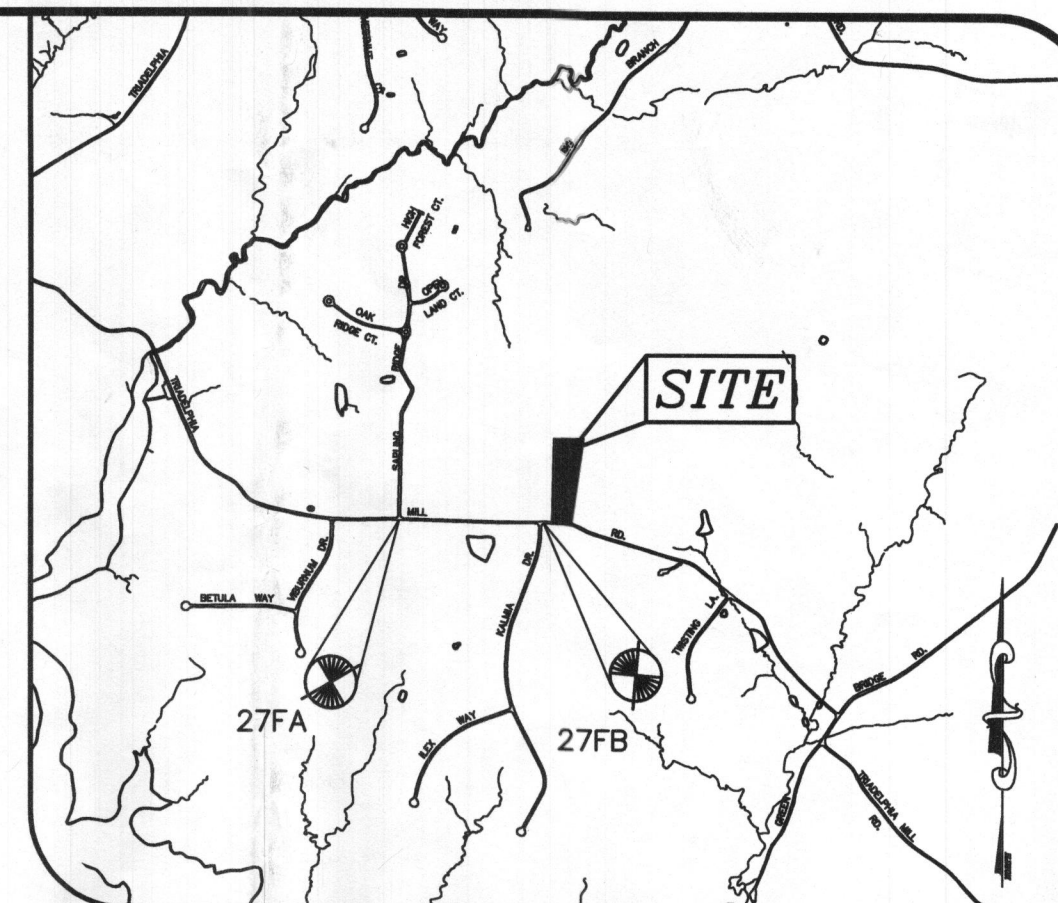
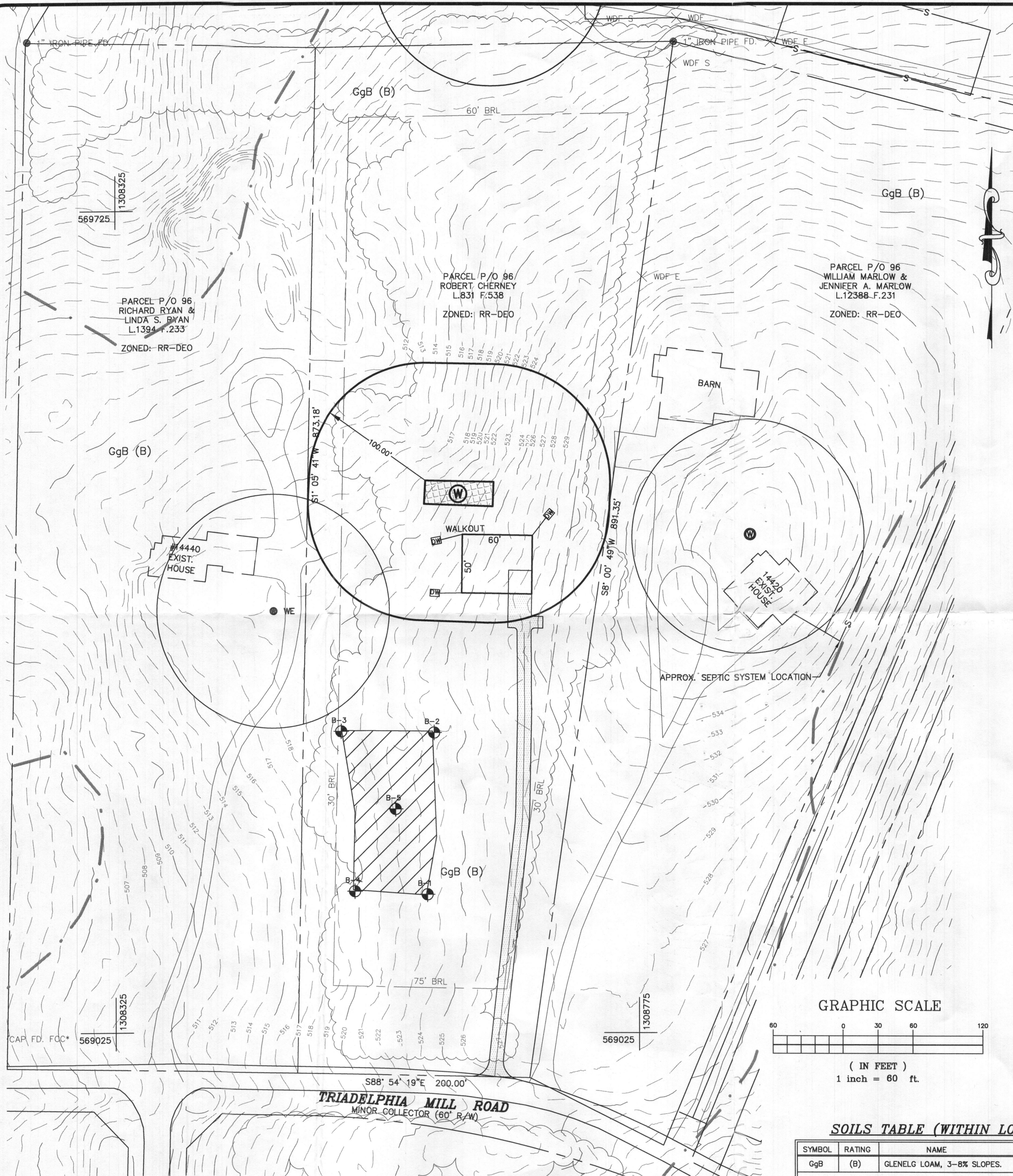
MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7950-B Grace Drive, Columbia, Maryland 21044
(410) 997-0286 Fax (410) 997-0288 Fax

CHERNEY PROPERTY
TRIADDELPHIA MILL ROAD
TAX MAP 27, GRID 17, PARCEL P/O 96
FIFTH ELECTION DISTRICT HOWARD COUNTY
PERCOLATION CERTIFICATION PLAN

project	date
21-011	8/17/21
illustration	engineering
MBS	SAA
scale	approval
1"=60'	SAA

no.	description	revisions	date

M:\2021\21-011 Triadelphia Mill\21-011 base.dwg, 4/8/2021 1:52:07 PM



GENERAL NOTES:

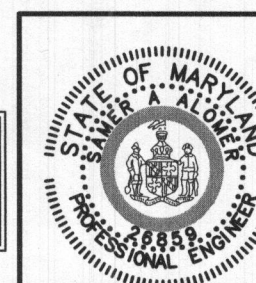
1. THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 10/06/2013 COMPREHENSIVE ZONING PLAN.
2. **PARCEL BACKGROUND:**
ADDRESS : TRIADELPHIA MILLS ROAD, DAYTON MD 21036
TAX MAP 27; GRID 17; PARCEL P/O 96
ELECTION DISTRICT : FIFTH
DEED REFERENCE: 831 / 538
AREA : XXXXX
TOTAL NUMBER OF UNITS : 1
TYPE OF PROPOSED UNIT : SFD
PROPOSED USE FOR SITE : RESIDENTIAL.
3. PROJECT BOUNDARY IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JULY, 2020 BY MILDENBERG, BOENDER & ASSOC.
4. TOPOGRAPHY SHOWN HERE IS GIS AND WILL BE FIELD VERIFIED BY MILDENBERG, BOENDER & ASSOC, INC. IN JULY 2020 TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
5. HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 27FA & 27FB
STA. No. 27FA: N 569,002.176; E 1,306,892.586; EL. 496.351 (NAVD88)
STA. No. 27FB: N 568,975.151; E 1,308,421.369; EL. 512.223 (NAVD88)
6. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
7. SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY
8. WELL LOCATIONS SHOWN ARE BASED ON HEALTH DEPARTMENT RECORDS VERIFIED BY FIELD VISIT.
9. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
10. SEPTIC TANKS AND DRAIN FIELD SHOWN IS BASED ON DATA PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT.
11. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. FOR LOTS CREATED PRIOR TO MARCH OF 1972 IT PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AND INITIAL 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.

LEGEND

- B-2 PROPOSED PERCOLATION TEST SITE
- PROPOSED WELL
- EXISTING WELL
- PROPOSED ZONE 1,500 SQ.FT
- PROPOSED DRYWELLS (SWM)
- PROPOSED SEWAGE DISPOSAL AREA

SOILS TABLE (WITHIN LOT)

SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
SOIL MAP: 10 (WOODBINE, SE)			



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 26859, EXP DATE 08/08/21

SAMER A. ALOMER P.E.

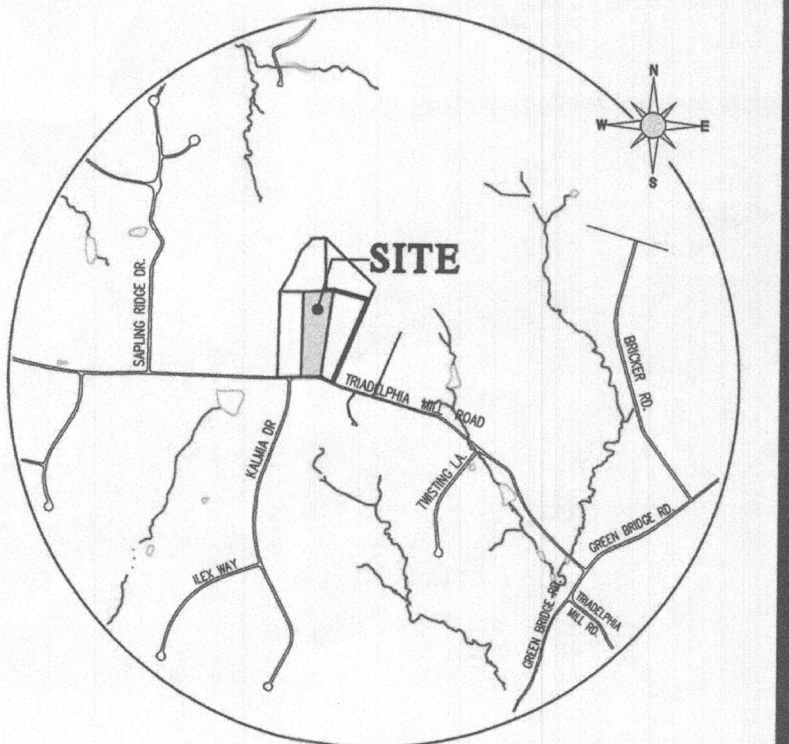
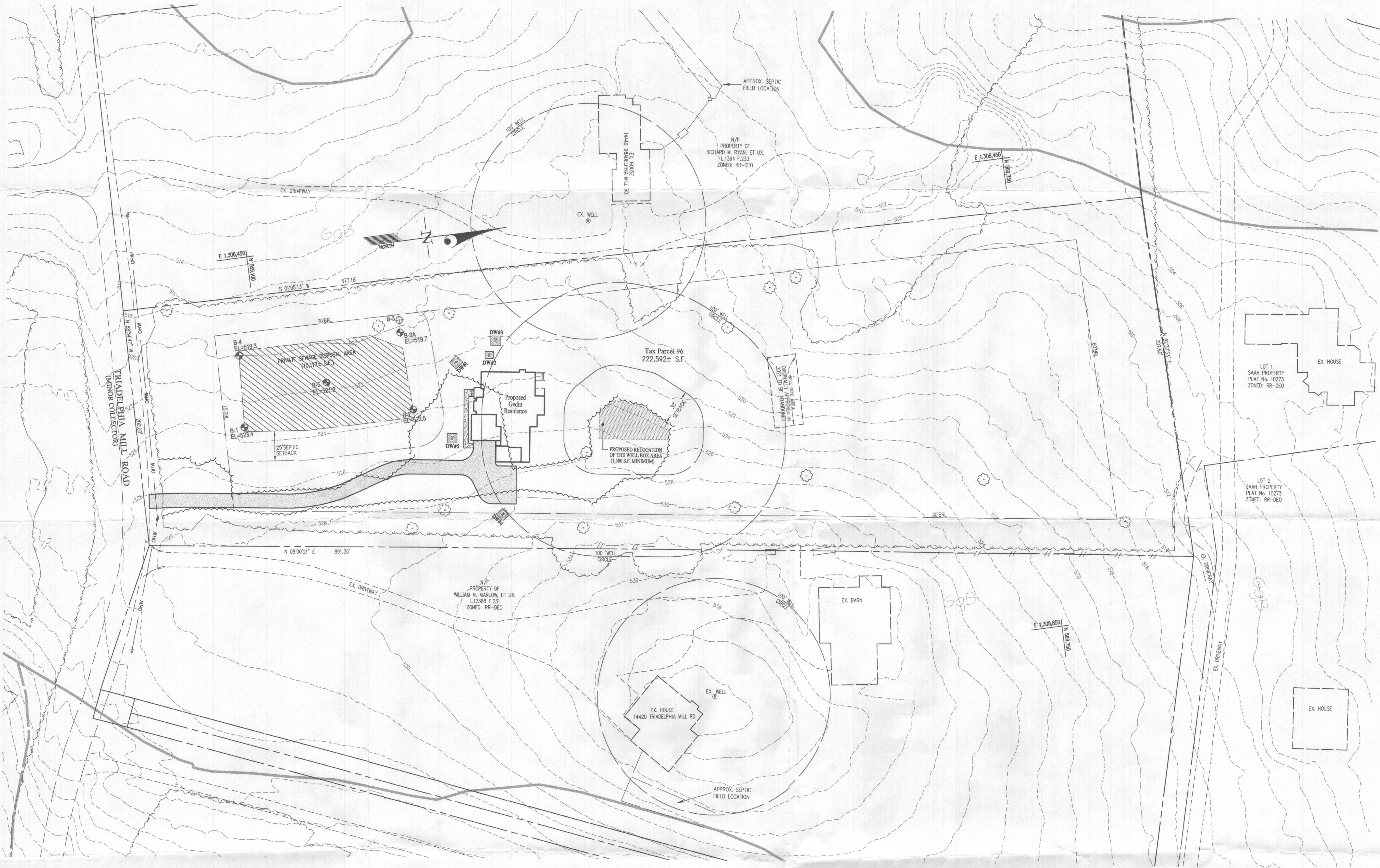
DATE:

CHERNEY PROPERTY
TRIADELPHIA MILL ROAD
TAX MAP 27, GRID 17, PARCEL P/O 96
FIFTH ELECTION DISTRICT
PERCOLATION SITE PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7950-B Grace Drive, Columbia, Maryland 21044
(410) 997-0286 Bnl. (410) 997-0288 Fax

project	date	illustration	engineering	scale	approval
21-011	3/17/21	MBS	SAA	1"=60'	SAA

no.	description	date



VICINITY MAP
SCALE: 1" = 2,000'
ADC MAP: 24
GRID: B6

BENCHMARKS			
27FB	ELEV. 512.223	N = 568,975.151	E = 1,308,421.369
28DB	ELEV. = 537.381	N = 569,055.561	E = 1,313,795.348

LEGEND	
	EXISTING CONTOUR
	EXISTING GIS TREELINE
	ALREADY CLEARED TREELINE
	LOCATION OF LARGE TREES
	PROPOSED WELL BOX LOCATION
	PRIVATE SEWAGE DISPOSAL AREA (approved in Aug. 2002)
	EXISTING WELL
	PROPOSED DRIVEWAY
	APPROXIMATE DRYWELL LOCATIONS
	PERCOLATION TEST PIT PASSED BY HEALTH DEPARTMENT
	PERCOLATION TEST PIT FAILED BY HEALTH DEPARTMENT

- NOTES
- THIS AREA SHOWN THUS: DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE 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 DISPOSAL AREA. RECOGNITION OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
 - TOTAL AREA OF THIS PROPERTY (TAX PARCEL 0096) IS 5.11± ACRES
 - EXISTING TOPOGRAPHY SHOWN FOR THIS LOT IS PER HOWARD COUNTY GIS AND FROM FIELD RUN SURVEY BY GUTSCHOK, LITTLE & WEBER, PA IN APRIL 2002 OF THE SDA AND THE FOREST AREA ALREADY CLEARED.
 - EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPOSED IMPROVEMENTS AND THOSE 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
 - THE LOT SHOWN HEREIN COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

SOILS LEGEND			
SOIL	NAME	CLASS	K _f FACTOR
GgB	Glanely loam, 3 to 8 percent slopes	B	0.37
SOILS DELINEATION LINE			

THE PURPOSES FOR THIS REVISED PERCOLATION CERTIFICATION PLAN IS:

- TO RELOCATE THE WELL BOX AREA.
- UPDATE PRIVATE SEWAGE DISPOSAL AREA PER COMMENT BY HEALTH DEPARTMENT.

SCALE	ZONING	G. L. W. FILE No.
1" = 40'	RR-DEO	21165
DATE	TAX MAP - GRID	SHEET
JULY 2022	27-17	1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

7/20/22
DATE

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. *W. G. J.*

GLW
PLANNING | ENGINEERING | SURVEYING

3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

DESIGNED BY:	DATE	REVISION	BY	APP'R.
klp				
DRAWN BY:				
klp				
CHECKED BY:				
mbt				

OWNER:
KORY AND TONI GEDIN
1418 MADISON AVE.
BALTIMORE, MD 21217
202-368-0289

BUILDER:
TIMBERLAKE HOMES
304 HARRY S. TRUMAN PKWY.
Suite M
ANNAPOLIS, MD 21401
ATTN: BRAIN MESSINEO
443-837-3115
bmessineo@timberlakehomes.com

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10,12978

EXPIRATION DATE: MAY 26, 2024

7/1/22

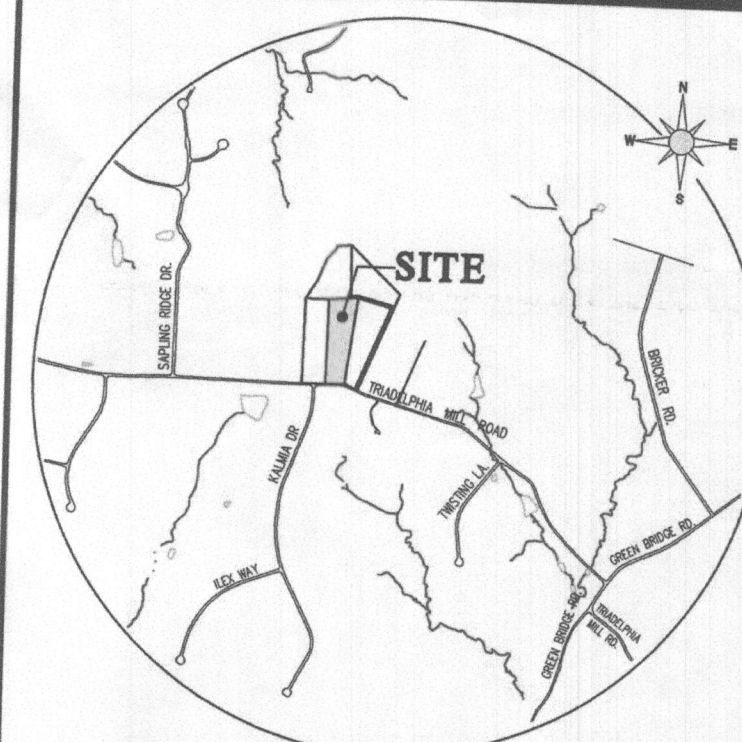


REVISED PERCOLATION CERTIFICATION PLAN

GEDIN PROPERTY
14430 TRAIDELPHIA MILL ROAD
TAX PARCEL 0096 (L21549 F.56)

ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 2,000'


ADC MAP: 24
GRID: B6

BENCHMARKS			
27FB	ELEV. 512.223	N = 568,975.151	E = 1,308,421.369
28DB	ELEV. = 537.361	N = 569,055.561	E = 1,313,795.348

LEGEND

-
- 430---
- EXISTING CONTOUR
- EXISTING GIS TREELINE
- ALREADY CLEARED TREELINE
- LOCATION OF LARGE TREES
- PROPOSED WELL BOX LOCATION
- PRIVATE SEWAGE DISPOSAL AREA
(approved in Aug./2021)
- EXISTING WELL
- PROPOSED DRIVEWAY
- APPROXIMATE DRYWELL
LOCATIONS
- 0-300
- 0-1

NOTES

1. THIS AREA AS SHOWN BY  DESIGNATES A PRIVATE SEWAGE AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. FOR LOTS CREATED PRIOR TO MARCH OF 1972 IT PROVIDES AT LEAST ENOUGH AREA OF THE ADJACENT LOT FOR AN INITIAL 1500 GPD TREATMENT SYSTEM IMPROVEMENTS REQUIRED BY THE HOWARD COUNTY HEALTH DEPARTMENT FOR LOTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE 1500 GPD TREATMENT SYSTEM IN THIS AREA SHALL BE REEVALUATED BY THE HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY. OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
2. TOTAL AREA OF THIS PROPERTY (TAX PARCEL 0096) IS 5.11± ACRES.
3. EXISTING TOPOGRAPHY SHOW FOR THIS LOT IS PER HOWARD COUNTY GIS AND FROM FIELD TRIP SURVEY BY GUTSCHLICK, LITTLE & WEBER, PA IN APRIL 2022 OF THE SOIL AND THE FOREST AREA ALREADY CLEARED.
4. EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPOSED IMPROVEMENTS AND THOSE 200' DOWN GRAD OF EXISTING OR PROPOSED WELLS, SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
5. THE LOT SHOW HEREIN COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
6. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

SOILS LEGEND			
SOIL	NAME	CLASS	'K' FACT
GgB	Glenelg loam, 3 to 8 percent slopes	B	0.37
SOILS DELINEATION LINE			

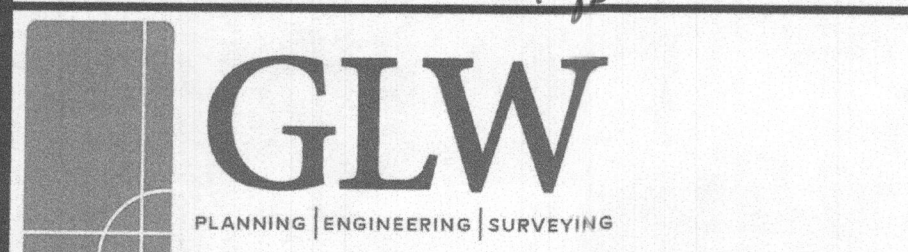
THE PURPOSES FOR THIS REVISED PERCOLATION
CERTIFICATION PLAN IS:

1. TO RELOCATE THE WELL BOX AREA.
2. UPDATE PRIVATE SEWAGE DISPOSAL AREA PER COMMENT BY HEALTH DEPARTMENT.

SCALE 1" = 40'	ZONING RR-DEO	G. L. W. FILE No. 21165
DATE JULY 2022	TAX MAP - GRID 27-17	SHEET 1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. for 7/20/22
DATE



3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM

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[illegible]

OWNER:

KORY and TONII GEDIN
1418 MADISON AVE.
BALTIMORE, MD 21217
202-368-0289

BUILDER:

TIMBERLAKE HOMES
304 HARRY S. TRUMAN PKWY.
Suite M
ANNAPOLIS, MD 21401
ATTN.: BRAIN MESSINEO
443-837-3115
bmessineo@timberlakehomes.com

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS
WERE PREPARED OR APPROVED BY
ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE
LAWS OF THE STATE OF MARYLAND,
LICENSE NO. 12975,
EXPIRATION DATE: MAY 26, 2024



REVISID PERCOLATION CERTIFICATION PLAN

GEDIN PROPERTY
14430 TRAIDELPHIA MILL ROAD
TAX PARCEL 0096 (L21549 F56)

ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND