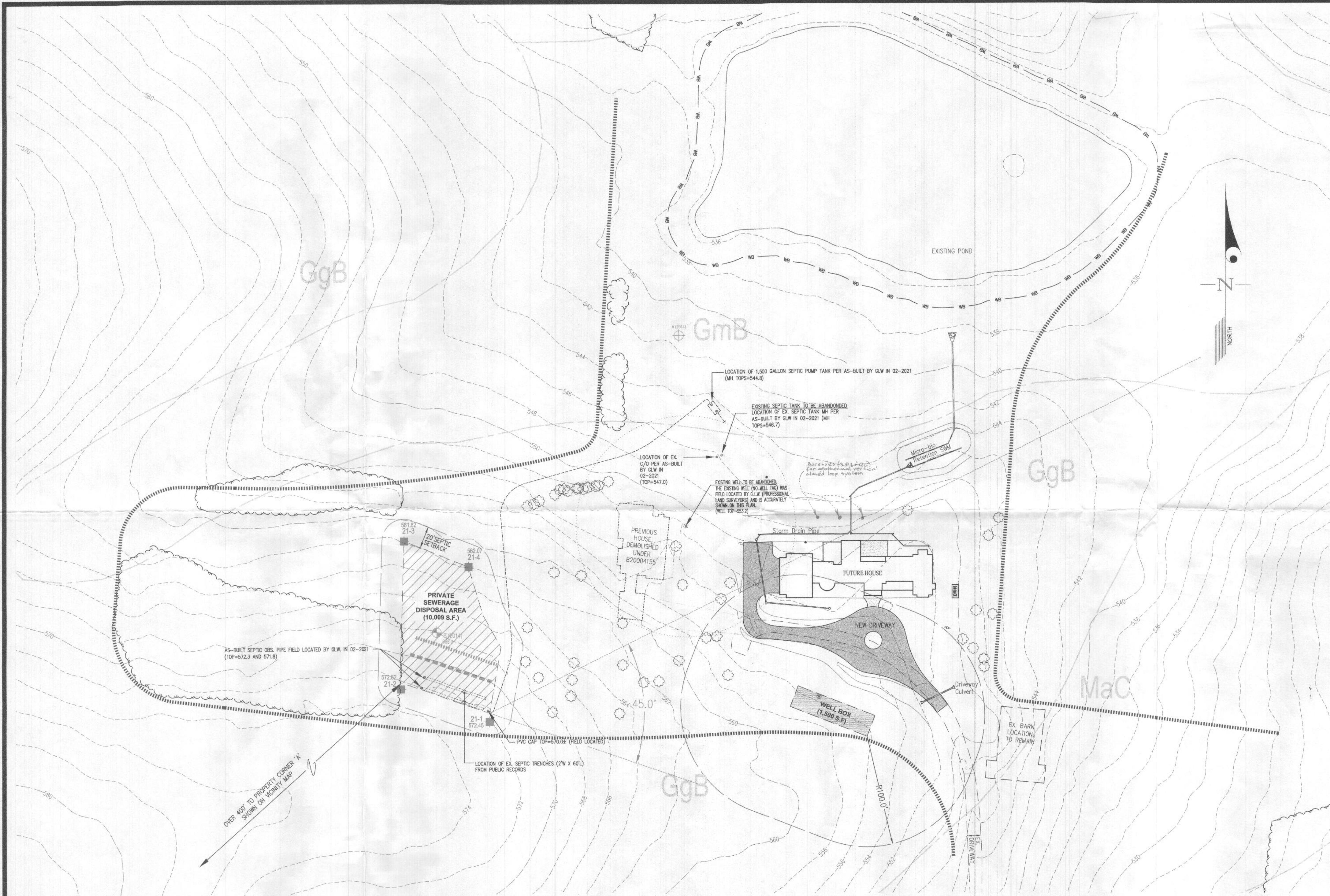




VICINITY MAP		ADC MAP: 17&18
SCALE: 1" = 2,000'		GRID: F5 & A5

PLAN LEGEND

	EXISTING WELL LOCATION (TO BE ABANDONED)
	PROPOSED WELL BOX LOCATION
	PROPOSED PRIVATE SEWAGE DISPOSAL AREA
	A (2014)
	B (2014)
	#
	AS-BUILT TREE LOCATION
	APPROX. EDGE OF CULTIVATED FIELD
	PROPOSED SWM DRYWELL (HO.CO. DET. DWW D-9.01)

SOILS CHART:		
MAP UNIT SYMBOL	MAP UNIT NAME	TYPE
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C/D
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B

GENERAL NOTES

1. THIS PROPERTY IS ZONED RC-DEO AND IS UNDER AN EXISTING AGRICULTURAL LAND PRESERVATION EASEMENT (H0-92-04-C).
2. TOTAL AREA OF THIS PROPERTY (TAX PARCEL 0023) IS 91.94 ACRES.
3. SEE DEED RECORDED AT L. 19863 F.451 FOR PROPERTY BOUNDARY DESCRIPTION.
4. THIS AREA SHOWN THIS:  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 OR ADDITIONS TO THIS AREA IN THE FUTURE MUST BE LIMITED TO THE EXTENT THAT THERE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE 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.
5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. EXISTING TOPOGRAPHY IN THE VICINITY OF THE PROPOSED SDA, THE DEMOLISHED HOUSE AND THE PROPOSED HOUSE IS FROM A5-BUILT TOPO DONE BY GUTSCHOW, LITTLE & WEBER, PA. DURING FEBRUARY 2021.
7. 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.
8. THE EXISTING WELL (NO TAG) SHALL BE PROPERLY ABANDONED AND THE NEW WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL.
9. BASED ON THE 45' LINE SHOWN FOR THE TOP CONTOUR (EX. TRENCH ON CONTOUR) IN THE SDA, THE PROPOSED WELL BOX IS NOT DOWN GRADIENT OF THE SDA.

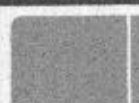
THE PURPOSES FOR THIS PERCOLATION
CERTIFICATION PLAN IS:

- TO ESTABLISH A SEWAGE DISPOSAL AREA.
- TO ABANDON THE EXISTING WELL.
- SHOW A LOCATION FOR a NEW WELL BOX.

SCALE	ZONING	G. L. W. FILE No.
1"=40'	RC-DEO	20113
DATE	TAX MAP - GRID	SHEET
JULY 2021	15-20	1 OF 1

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

[Signature] *801* *7/29/14*
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. *4.0.* DATE

 **GLW**
PLANNING | ENGINEERING | SURVEYING

3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-471-4024 FAX: 301-471-0800 | DCAVA: 301-989-2524 | FAX: 301-421-1186

[illegible]

BUILDER: ANTHONY WILDER DESIGN-BUILD, INC. 7913 McARTHUR BLVD. CABIN JOHN, MD 20818 ATTN: GEORGE BOTT georab@anthonywilder.com	OWNER: RICHARD & KAREN WHITNEY, TRUSTEES 27120 COWBOY UP ROAD STEAMBOAT SPRINGS, CO 80487
---	--

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, 2022

7/19/21

The seal is circular with a double border. The outer border contains the text "STATE OF MARYLAND" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle features a central emblem of a ship on the water, with the text "CAROLINAE GENIUM DIGNITAS" above it and "NO. 12975" below it. A signature, "Charles W. Smith", is written across the bottom of the seal.

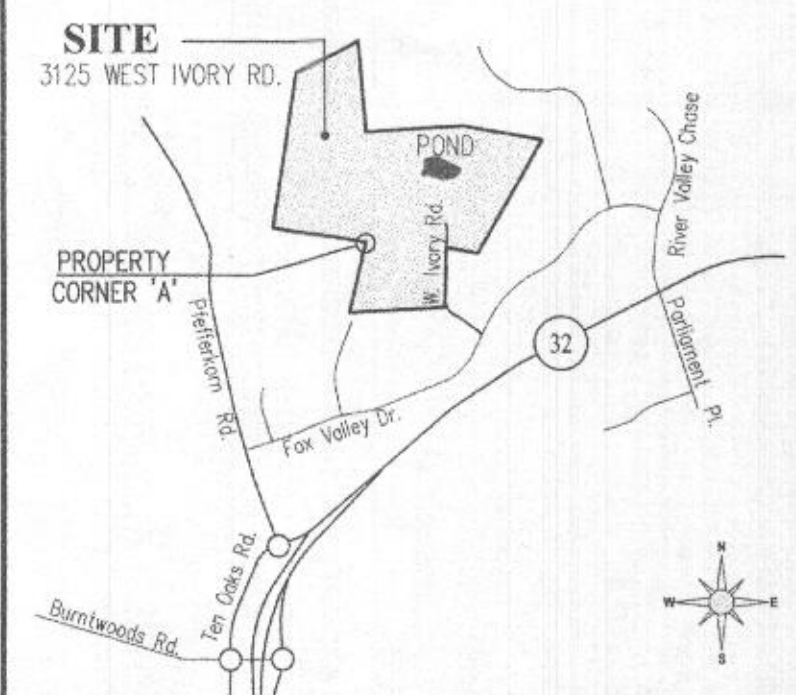
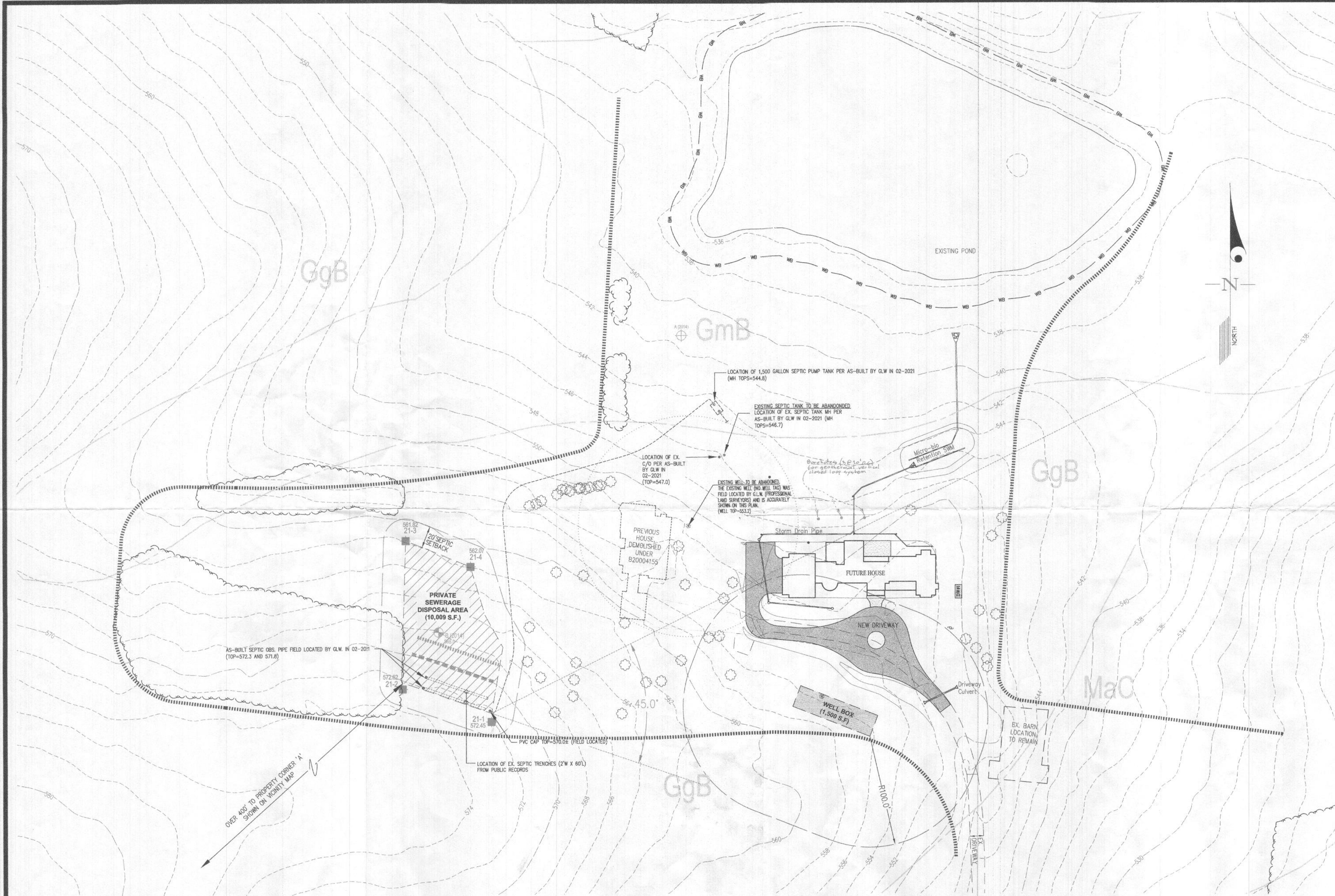
PERCOLATION CERTIFICATION PLAN

3125 WEST IVORY ROAD

Parcel 0023 (Tax Account No.195958)

ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 2,000'
ADC MAP: 17&18
GRID: F5 & A5

- PLAN LEGEND**
- EXISTING WELL LOCATION (TO BE ABANDONED)
 - PROPOSED WELL BOX LOCATION
 - PROPOSED PRIVATE SEWAGE DISPOSAL AREA
 - EXISTING PERCOLATION TEST HOLE (FAILED 2014)
 - EXISTING PERCOLATION TEST HOLE (PASSED 2014)
 - PERCOLATION TEST HOLES (PASSED 2021)
 - AS-BUILT TREE LOCATION
 - APPROX. EDGE OF CULTIVATED FIELD
 - PROPOSED SWM DRYWELL (H.D.CO. DET. DFW D-9.01)

SOILS CHART:

MAP UNIT SYMBOL	MAP UNIT NAME	TYPE
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C/D
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B

SOILS DELINEATION LINE

- GENERAL NOTES**
- THIS PROPERTY IS ZONED RC-DEO AND IS UNDER AN EXISTING AGRICULTURAL LAND PRESERVATION EASEMENT (HO-92-04-E).
 - TOTAL AREA OF THIS PROPERTY (TAX PARCEL 0023) IS 91.9± ACRES.
 - SEE DEED RECORDED AT L. 19883 F.451 FOR PROPERTY BOUNDARY DESCRIPTION.
 - THIS AREA SHOWN THIS: [Hatched 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. RECREATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - EXISTING TOPOGRAPHY IN THE VICINITY OF THE PROPOSED SDA, THE DEMOLISHED HOUSE AND THE PROPOSED HOUSE IS FROM AS-BUILT TOPO DONE BY OUTSCHOX, LITTLE & WEBER, P.A. DURING FEBRUARY 2021.
 - 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 EXISTING WELL (NO TAG) SHALL BE PROPERLY ABANDONED AND THE NEW WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL.
 - BASED ON THE 45' LINE SHOWN FOR THE TOP CONTOUR (EX. TRENCH ON CONTOUR) IN THE SDA, THE PROPOSED WELL BOX IS NOT DOWN GRADIENT OF THE SDA.

THE PURPOSES FOR THIS PERCOLATION CERTIFICATION PLAN IS:

- TO ESTABLISH A SEWAGE DISPOSAL AREA.
- TO ABANDON THE EXISTING WELL.
- SHOW A LOCATION FOR A NEW WELL BOX.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

[Signature] DATE: 7/25/21

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.

GLW
PLANNING | ENGINEERING | SURVEYING

3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1020 | DC&VA: 301-989-2524 | FAX: 301-421-4186

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

BUILDER:
ANTHONY WILDER
DESIGN-BUILD, INC.
7913 MacARTHUR BLVD.
CABIN JOHN, MD 20818
ATTN: GEORGE BOTT
george@anthonywilder.com

OWNER:
RICHARD & KAREN WHITNEY,
TRUSTEES
27120 COMBOY UP ROAD
STEAMBOAT SPRINGS, CO 80487

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. 12972.

EXPIRATION DATE: MAY 26, 2027

7/19/21 *[Signature]*

STATE OF MARYLAND
COURT OF PUBLIC SAFETY
PROFESSIONAL ENGINEER

PERCOLATION CERTIFICATION PLAN

3125 WEST IVORY ROAD
Parcel 0023 (Tax Account No. 195958)

ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE NO.
1"=40'	RC-DEO	20113
DATE	TAX MAP - GRID	SHEET
JULY 2021	15-20	1 OF 1

\\CADDDRAWINGS\2011\31PLANS BY GLW\GP & PLOT PLAN\20113 GP.dwg, ANSI expand B (11.00 x 17.00 inches)

GLW

PLANNING | ENGINEERING | SURVEYING

DES.

DRN.

CHK.

ANTHONY WILDER DESIGN-BUILD, INC.

7913 MCCARTHUR BLVD.

CABIN JOHN, MD 20818

ATTN: GEORGE BOTT

301-907-0700

3125 West Ivory Road

WHITNEY PROPERTY

Tax Parcel 0023 (Tax Account No. 295958)

GLW No.

ZONING

TAX MAP/GRID

DATE

SCALE

SHEET

2011S

RC-DEO

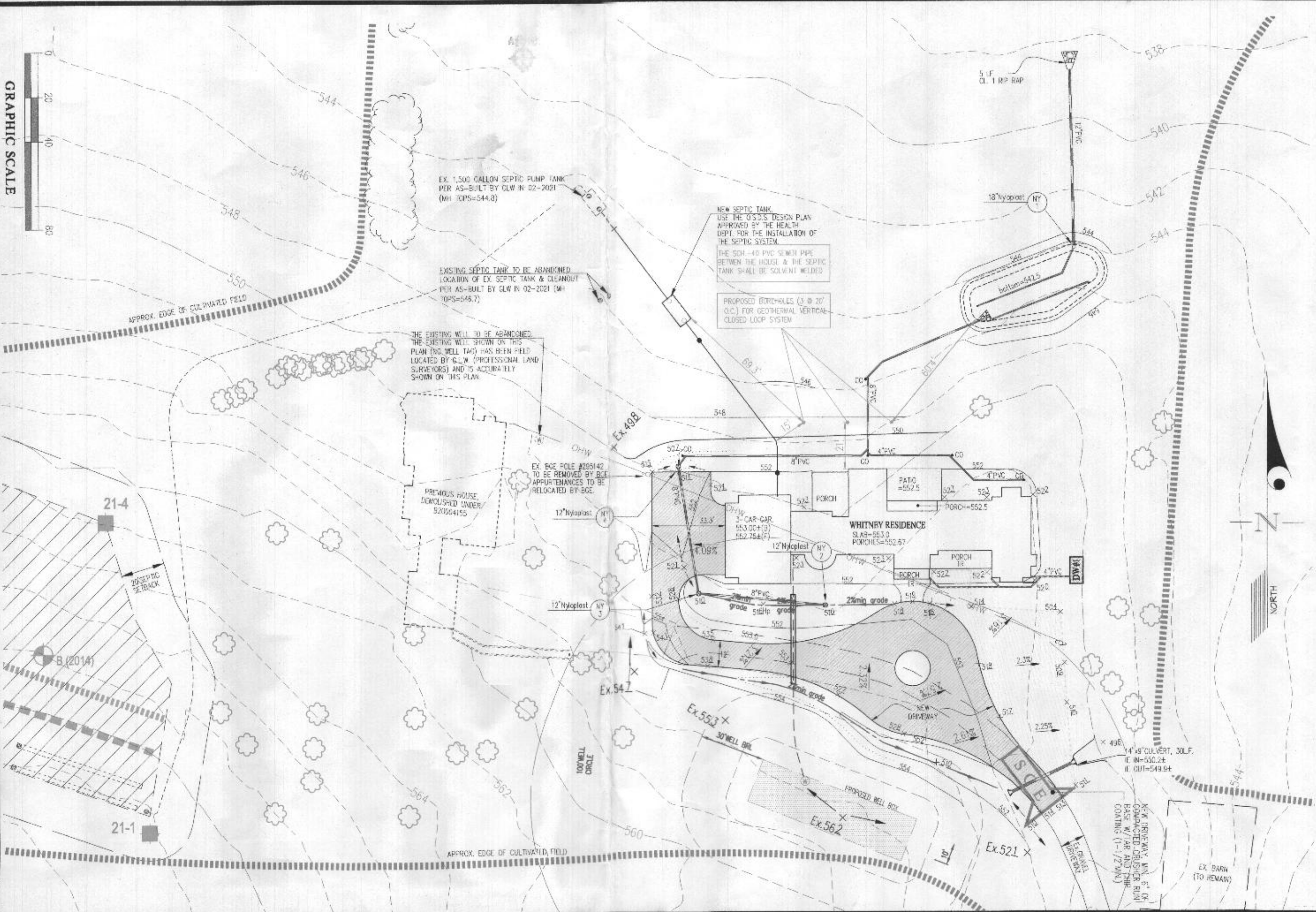
15-20

SEPT 2021

1"=40'

1 OF 1

PROPOSED LOCATION OF BOREHOLES for GEOTHERMAL VERTICAL CLOSED LOOP SYSTEM



GLW

PLANNING | ENGINEERING | SURVEYING

DES.
CHK.

DRN.

PREPARED FOR:
ANTHONY WILDER DESIGN-BUILD, INC.
7913 MacARTHUR BLVD.
CABIN JOHN, MD 20818
ATTN: GEORGE BOTT
301-907-0100

3125 West Ivory Road
WHITNEY PROPERTY
Tax Parcel 0023 (Tax Account No. 295958)

G. L. W. No. 20113
ZONING RC-DEO
TAX MAP/GRID 15-20
DATE SEPT 2021
SCALE 1"=40'
SHEET 1 OF 1

PROPOSED LOCATION of BOREHOLES for GEOTHERMAL VERTICAL CLOSED LOOP SYSTEM

