

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 523064

AGENCY REVIEW: _____

DATE 8-3-05

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Natalie Ziegler & John Zirschky

DAYTIME PHONE 410-740-6880 CELL _____ FAX _____

MAILING ADDRESS 11352 Homewood Road Ellicott City, MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Benchmark Engineering, Inc - John Carney

DAYTIME PHONE 410 465 6105 CELL _____ FAX _____

MAILING ADDRESS 8480 Baltimore National Pk, Suite 418, Ellicott City, MD 21043
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Carroll / Ziegler Parcel LOT NO. 8

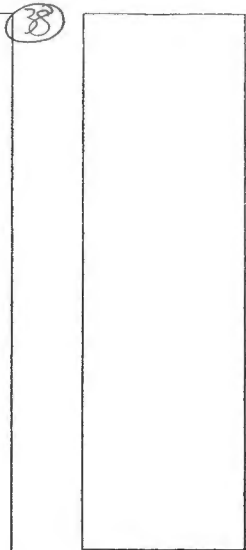
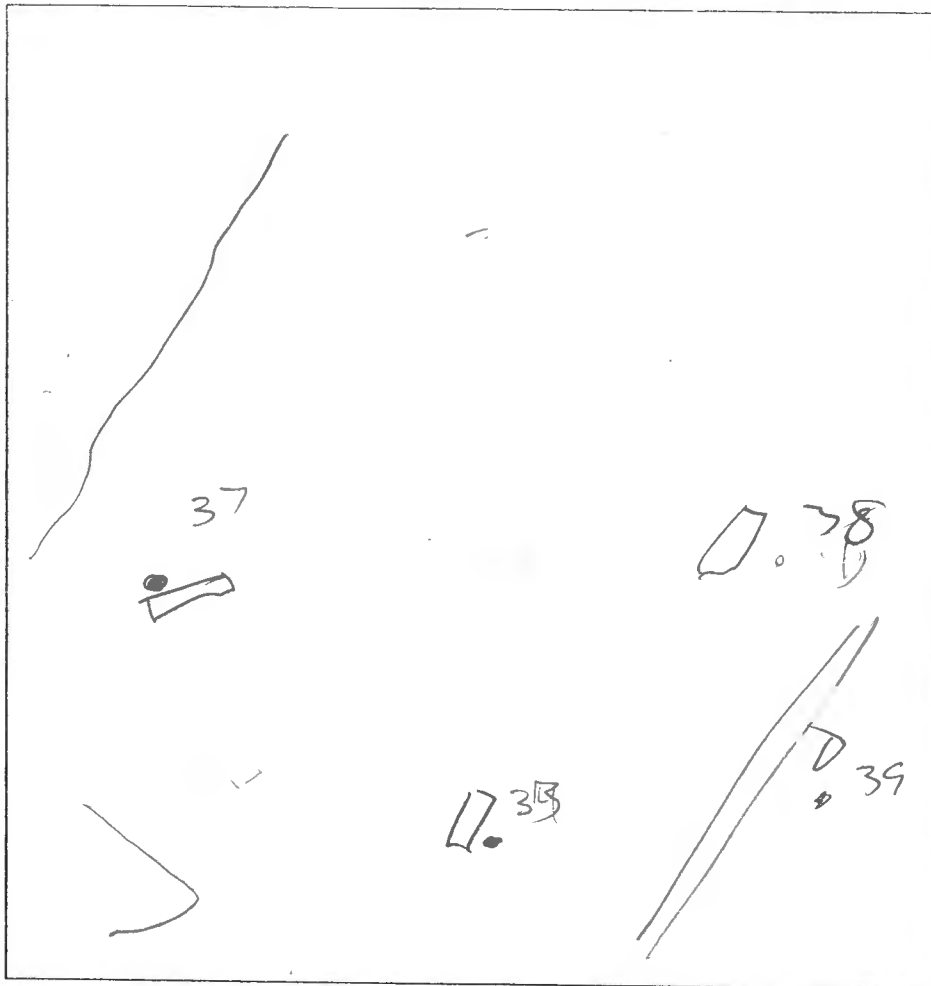
PROPERTY ADDRESS Terminus of Dorsch Farm Road Ellicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 10 PARCEL(S) 130 PROPOSED LOT SIZE 1Ac

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. John Carney
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



(33)
 brown loam
 1
 o-b
 sil
 sil
 3 1/2
 y-b
 transition
 1/2
 y-b white
 sil/sil
 Slightly
 micaceous
 ↓
 med 15

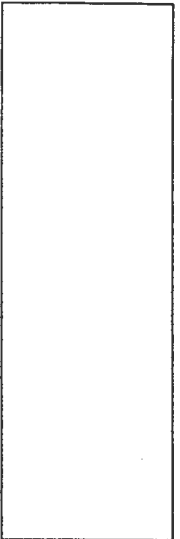
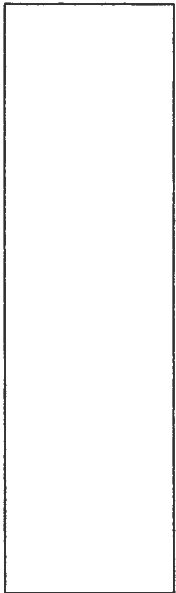
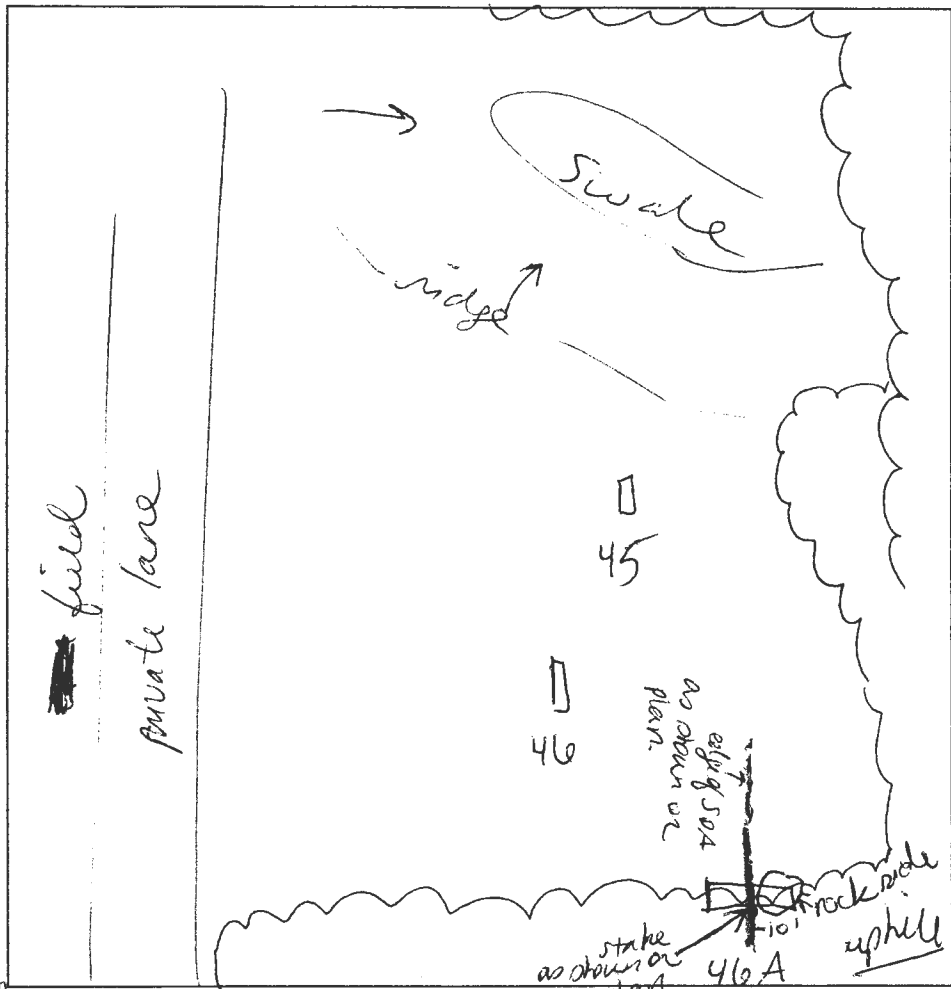
(37)
 (ab)
 o-b
 sil
 sil
 3
 y-b
 sil
 micaceous
 10-15%
 cobblest
 frags of
 gneiss
 15

(38)
 brown 1
 y-b
 sil
 2
 y-b white
 sil
 4
 y-b
 sil
 micaceous
 ↓
 15

(39)
 brown 1
 dark
 brown
 loam
 4
 dark
 to pan
 micaceous
 sand
 loam
 ↓
 12

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
	33	5/12	2:13	2:21	2:32	11	P
	37	4/10	2:15	2:16	2:17	12	F
	38	4 1/2/13		Unusual great soil		2-8	P
	39	5/12	2:37	2:39	2:41	2	P

REMARKS 35, 36, 34 (Not tested) Swale thru center
 SANITARIAN PAY BACKHOE M. LeJohn OTHERS Owner
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



45
 1' dark brown & s/bk
 1' strong brown medium s.e
 35-40% cobbles/gravel
 s.e heavy ground
 4' Strong brown medium s.e
 25% gravel
 ? brown medium s.e
 or micaceous sandstone
 15' ~~rock~~

46
 1' brown & medium s/bk
 2' brown medium s.e
 4' brown medium s.e heavy gr
 brown medium s.e
 or micaceous sandstone
 14' trace rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/22/07	45	5' / 15'	9:09	9:12	9:17	S	P
	46	5' / 14'	9:21	9:23	9:28	S	P
	46A	14'		normal			P

46A
 uphill downhill
 2' dark brown & medium s/bk
 75% cobbles 35-40% cobbles
 1' st brown medium s.e
 7' refusal 20-25% gravel
 heavy s.e medium
 25' brown medium s.e
 <10% gravel
 pale brown s

REMARKS Holes dug per plan #46A downhill side of
Stake connected w/holes #45+46
 SANITARIAN SP BACKHOE _____ OTHERS Ziegler, J. Carney
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Williams, Jeffrey

From: Stephanie Tuite <Stephanie@fcc-eng.com>
Sent: Monday, March 12, 2018 9:19 PM
To: Williams, Jeffrey
Subject: RE: Carroll Ziegler lot 5

Please revise. Thanks.
Steph

Stephanie Tuite, RLA, PE, LEED AP BD&C
FISHER, COLLINS & CARTER, INC.

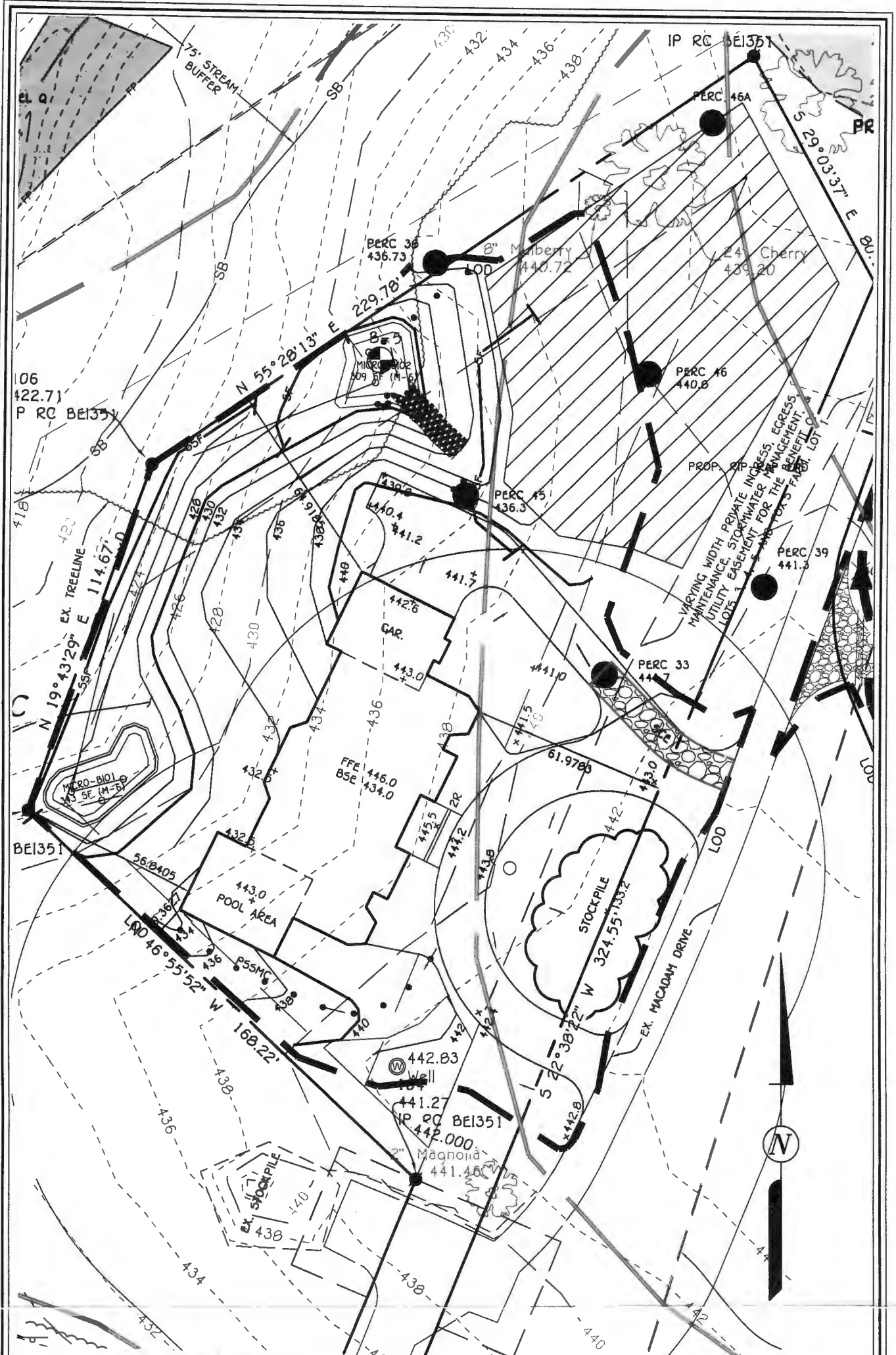
From: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Sent: Monday, March 12, 2018 12:30 PM
To: Stephanie Tuite <Stephanie@fcc-eng.com>
Subject: Carroll Ziegler lot 5

Hi Stephanie. Bert caught a legend symbol error on the Carroll Ziegler perc cert. There is a symbol for existing septic area in the legend that is not used on the plan. I can cross it out with your permission or you can revise the plan. Let me know. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

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**OWNER/DEVELOPER
(LOT 5 & PRES. PARCEL P)**

SHAHED M. SIDDIQI & PARUL A. SIDDIQI
 8871 GOOSE LANDING CIRCLE
 COLUMBIA, MD 21045
 301-613-2138

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2855

**PERMIT PLAN
CARROLL-ZIEGLER PROPERTY**

LOT 5

ZONED: RC-DEO

TAX MAP NOS.: 23 & 29 GRID NOS.: 21, 22 & 3, 4 PARCEL NO: 29

THIRD ELECTION DISTRICT

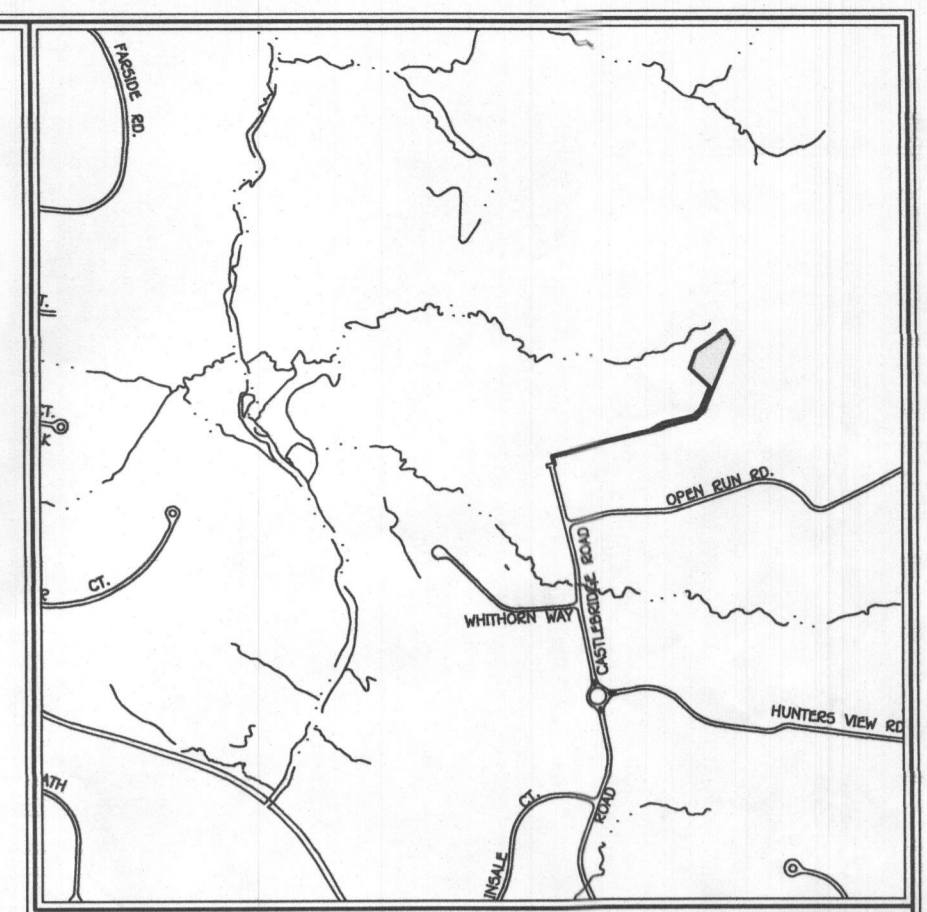
HOWARD COUNTY, MARYLAND

SCALE: 1"=40'

DATE: APRIL, 2018

LEGEND

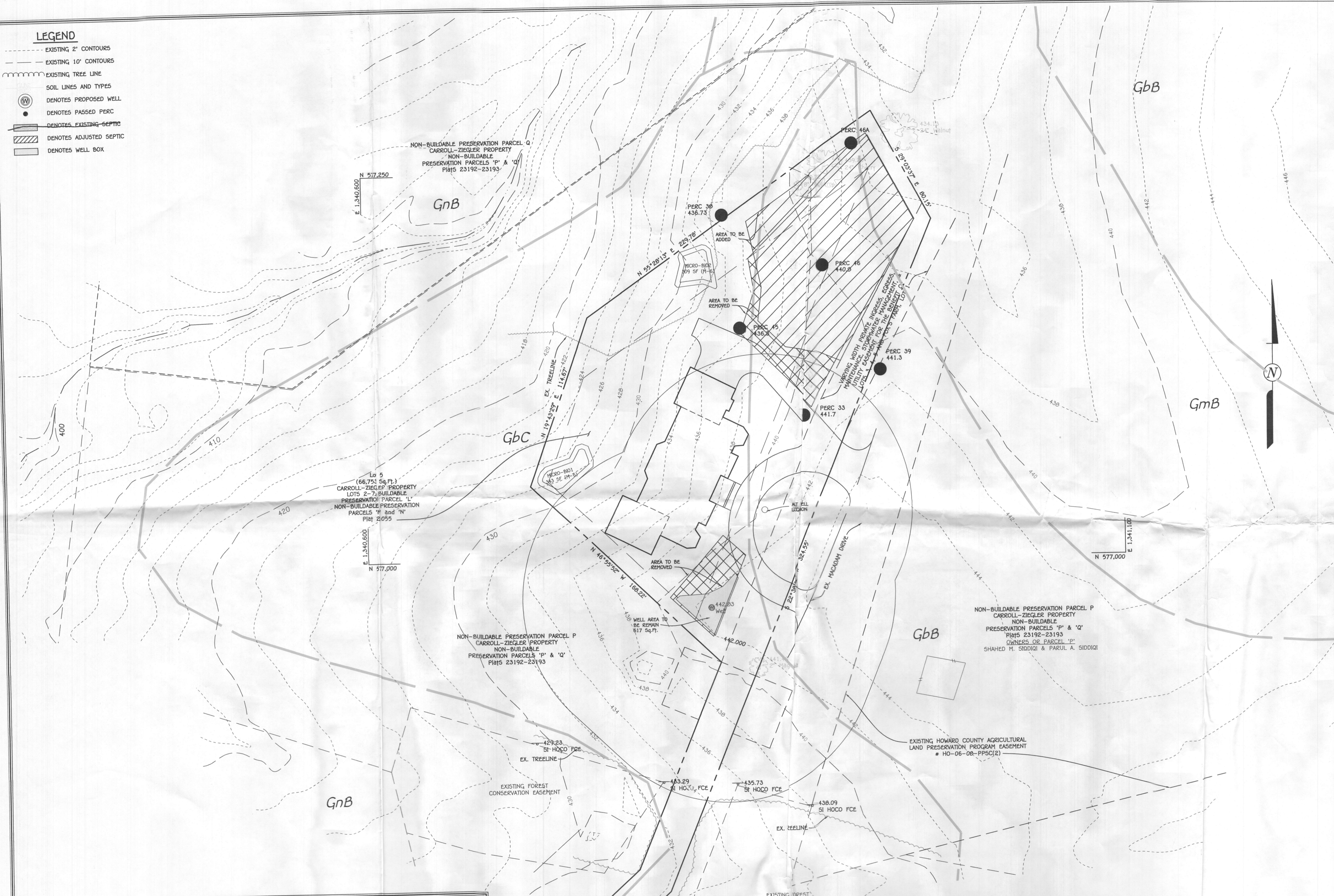
- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~ ~ ~ ~ ~ EXISTING TREE LINE
- SOIL LINES AND TYPES
- (W) DENOTES PROPOSED WELL
- (P) DENOTES PASSED PERC
- (S) DENOTES EXISTING SEPTIC
- (A) DENOTES ADJUSTED SEPTIC
- DENOTES WELL BOX



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES:

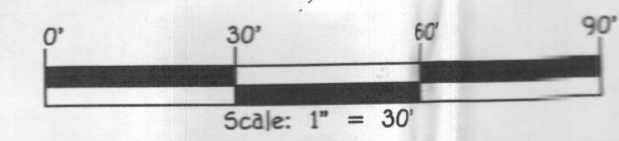
1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT 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. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
5. TOPOGRAPHY SHOWN IN THE AREA OF THE LOT BEING DISTURBED IS BASED ON A TOPOGRAPHIC SURVEY BY FISHER, COLLINS & CARTER, INC. IN APRIL 2017 AND SUPPLEMENTED WITH HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
6. BOUNDARY OF LOT BASED ON PLAT #21057.
7. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. DEED REFERENCE: LIBSE 16964 FOLIO 481.
9. LIMIT OF DISTURBANCE: 82,037 SQ.FT. OR 1.88 ACRES.
10. SUBJECT PROPERTY ZONED: RC-DEO
11. TOTAL AREA OF PROPERTY: 66,753 SQ.FT. OR 1.53 AC. (LOT 5)
12. WETLANDS, STREAMS, THEIR BUFFERS, FLOODPLAIN, AND STEEP SLOPES DO NOT EXIST ON THIS LOT.
13. SOILS SHOWN HEREON ARE BASED ON NRCS WEB SOIL SURVEY AND HOWARD COUNTY SOILS MAP 17.
14. THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION UNDER P-08-140 (PLAT #21095-21099).
15. NOTE THAT OWNER OF LOT 5 ALSO OWNS NON-BUILDABLE PRESERVATION PARCEL P WHERE GRADING / EXCAVATION FOR A POND IS SHOWN.



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

Terrell A. Fisher 2/27/18
Signature of Professional Land Surveyor No. 10692 Expires 12/13/19
Terrell A. Fisher, Professional Land Surveyor

PLAN
SCALE: 1" = 30'



SOILS LEGEND

SOIL	NAME	CLASS	K FACTOR
GbB	Gladstone loam, 3 to 8 percent slopes	B	0.20
GbC	Gladstone loam, 8 to 15 percent slopes	B	0.20
GmB	Glenville silt loam, 3 to 8 percent slopes	C	0.37
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C	0.37

THE PURPOSE OF THIS PLAN IS TO ADJUST THE SEPTIC AREA AND REVISE THE WELL BOX AND 2 ALT WELL SITE

OWNER/DEVELOPER
SHAHED M. SIDDIQI & PARUL A. SIDDIQI
8971 GOOSE LANDING CIRCLE
COLUMBIA, MD 21045
301-613-2138

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
2200 NATIONAL SQUARE OFFICE PARK - 10775 BALTIMORE NATIONAL PIKE
ELIJAH CITY, MARYLAND 21042
(410) 461-2999

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

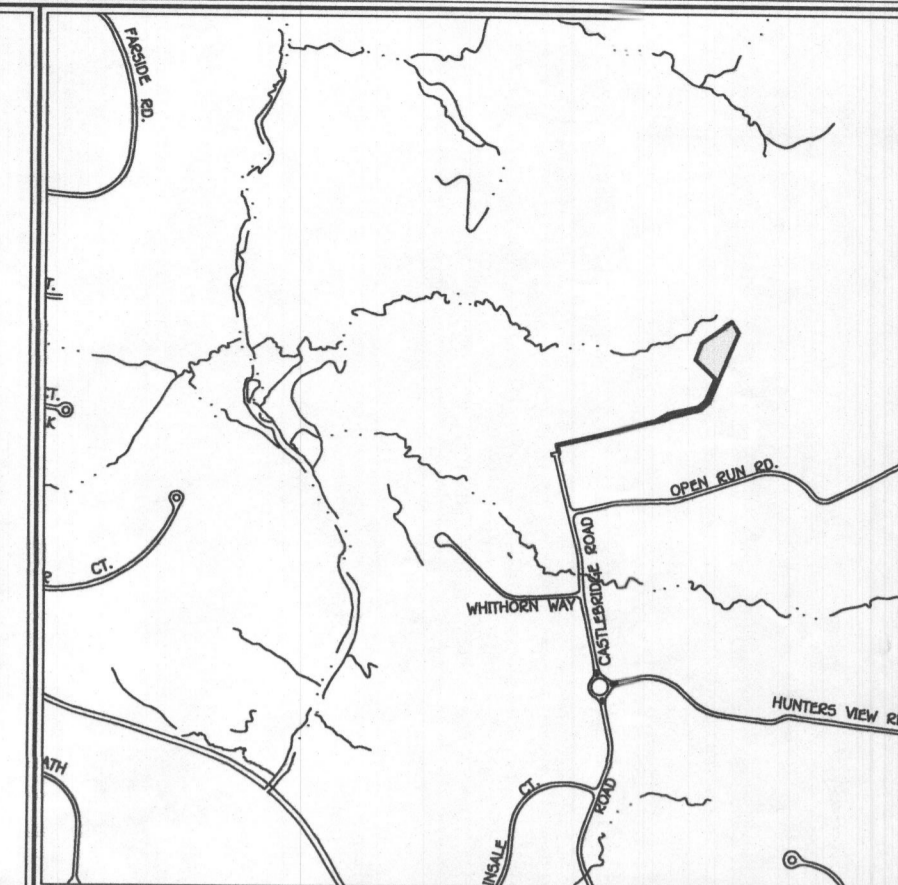
Terrell A. Fisher 3/14/2018
Signature of County Health Officer
Terrell A. Fisher, County Health Officer

**PERC CERTIFICATION PLAN
CARROLL-ZIEGLER PROPERTY
LOT 5**

ZONED: RC-DEO
TAX MAP NOS.: 23 & 29 GRID NOS.: 21, 22 & 3, 4 PARCEL NO: 29
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: FEBRUARY 27, 2018
SHEET 1 OF 1

LEGEND

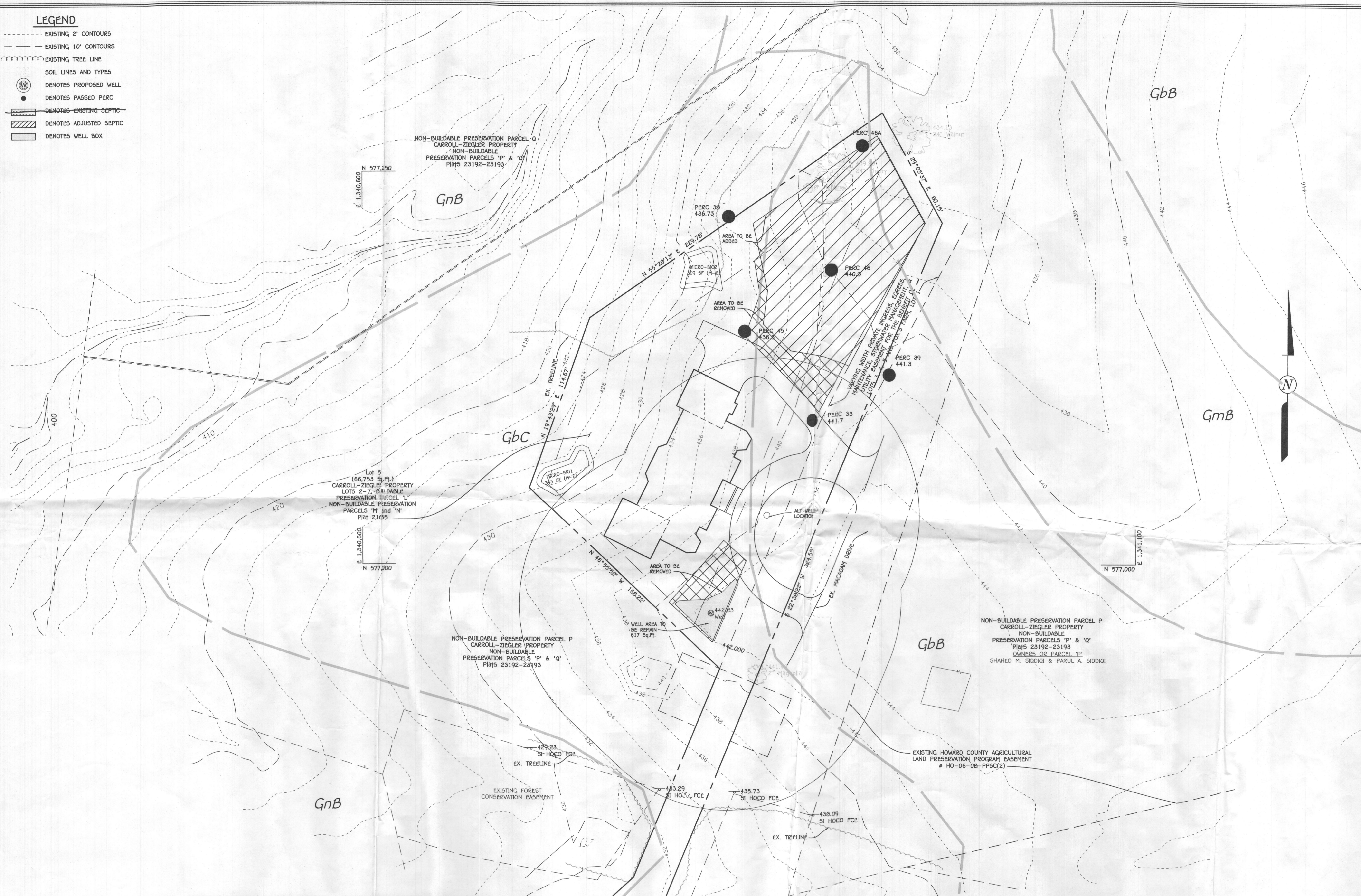
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VICINITY MAP
SCALE: 1" = 1200'

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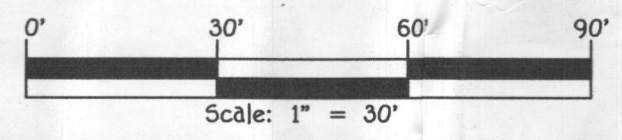
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Terrell A. Fisher 2/27/18
Signature of Professional Land Surveyor No. 10692 expires 12/13/19 Date

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CENTENNIAL SQUARE OFFICE PARK - 10272 BALDORPARK NATIONAL FILE
ELICOTT CITY, MARYLAND 21042
410-461-5295

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

Terrell A. Fisher 3/14/2018
Signature of Professional Land Surveyor No. 10692 expires 12/13/19 Date

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CARROLL-ZIEGLER PROPERTY
LOT 5
ZONED: RC-DEO
TAX MAP NOS.: 23 & 29 GRID NOS.: 21, 22 & 3, 4 PARCEL NO: 29
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: FEBRUARY 27, 2018
SHEET 1 OF 1

SK:PRD:\30569\dwg\30569-2001 Perc Revet.dwg, GP Sheet 1, 11