

APPLICATION

A-25971

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 2nd

DATE 6-1-77

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER John J Moosberger & Sam C Robinson

ADDRESS 12001 New Hampshire Ave PHONE (301) 622-1110
Silver Spring Md 20904

PROPERTY LOCATION: Lot 2
SUBDIVISION Part of a 123⁴⁴ AC Land to map 30 Parcel I 2nd Election Distr LOT NO. 2

ROAD AND DESCRIPTION Centennial Lane app 2000ft north of 108
app 250ft north of L.E Carey's House

SIZE OF LOT 1 AC TYPE BLDG. House
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT John J Moosberger

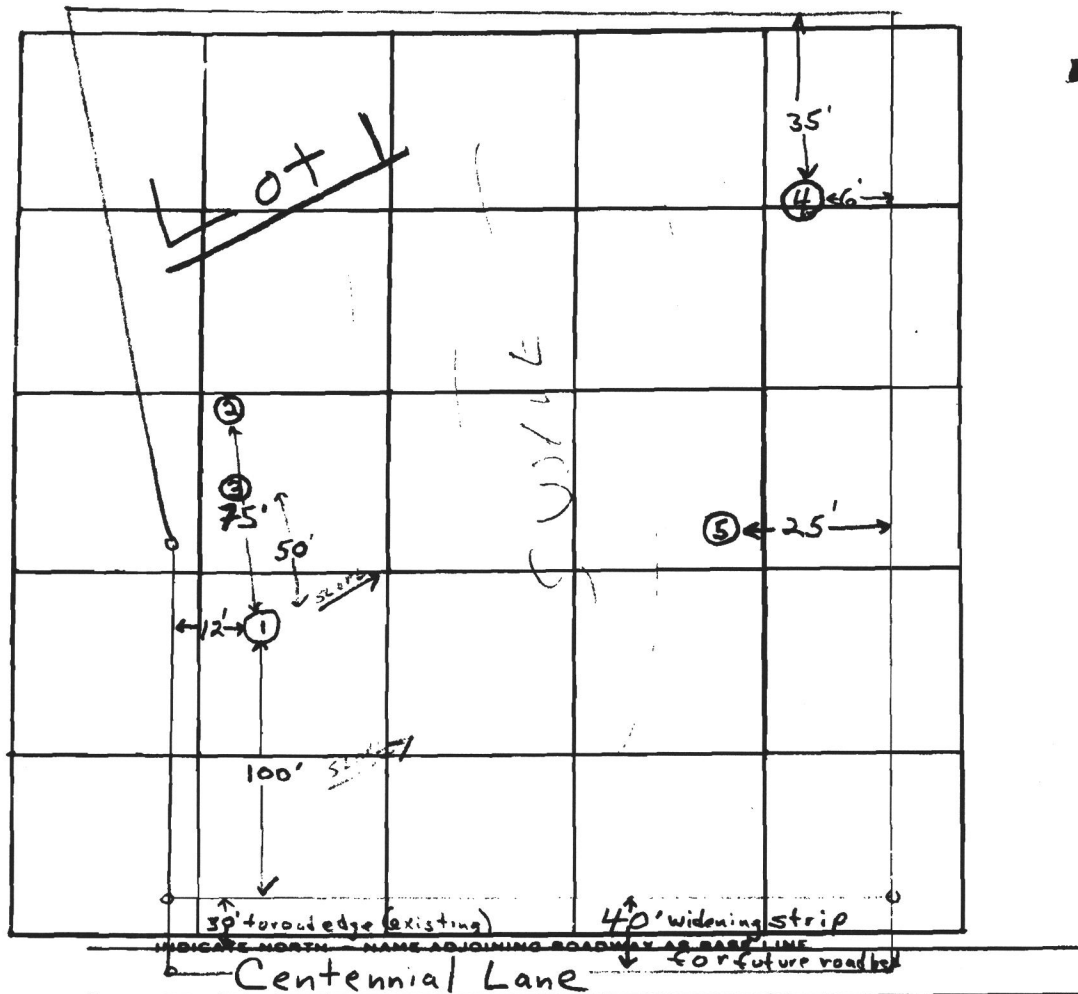
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS F. Spencer DATE 6/16/77

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/16/77	1	2 1/2'	9:51	9:53	9:53	9:57	4 min
	1A	10 1/2'	9:52	9:55	9:55	10:02	7 min
	2 low	11 1/2'	Water at 11'		Clayey to 5' silty clay		Fails
	2A	3 1/2'	10:10	Pulled plug 10:45 1/2" drop			Fails
	2B	8 1/2'	10:10	10:42	10:42		Fails
	1B	13'	Dry hole; same type silt		mica loam as at 10 1/2'		
	3	4'	10:39	10:41	10:41	10:47	6 min.
	3A	11 1/2'	10:40	10:52	10:52	11:09	17 min
	4	10 1/2'	Clayey to 5' silty clay		(see below) Water at 9'		
	5	10'	Clayey to 4 1/2' mica loam		4 1/2' to 9' Water at 9'		

REMARKS Water at 9' in low holes

TYPE OF SOIL mica silt loam below top clayey soil & top soil

TESTED BY F.S. ALSO PRESENT: Moosberger, Barth & Co.
Bill Miller; Glen Webb

APPLICATION

PERCOLATION TESTING

A 519662

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 11/17/83

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Soccer Association of Columbia, Inc

ADDRESS 8950-D Route 108, Columbia, MD 21045 PHONE 410 772 9373

AGENT OR PROSPECTIVE BUYER Brian Gibbons c/o Erwin L. Greenberg Commercial Corporation

ADDRESS 10096 Red Run Blvd, Ste 100 PHONE 410 559 2518
Owings Mills, MD 21117

PROPERTY LOCATION: 4560 Centennial Lane - Parcel B

SUBDIVISION Covenant Baptist Church LOT NO. Parcel B

ROAD AND DESCRIPTION Centennial Lane

TAX MAP 30 PARCEL # B

SIZE OF LOT 62.971 Ac. TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

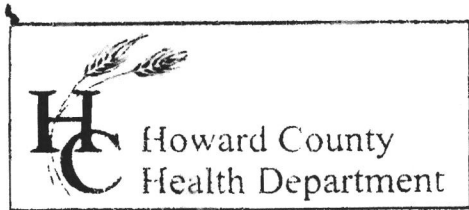
HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

December 18, 2003

Patton Harris Rust & Associates, PC
8818 Centre Park Drive
Columbia, MD 21045

**RE: Percolation Test
4560 Centennial Lane, Parcel B**

Attn Mr. Chris J. Reid, P. E.:

Soil percolation tests were conducted on the proposed septic easement for the above referenced property and as indicated in your plan submittal numbered 00287 perctest2.

All holes passed with perc rates ranging from 3 minutes to 24 minutes with an average of 11 minutes (see attached perc field notes). Any trenches installed for a proposed septic system in this area should not have a bottom less than 7 ½ ft with an inlet at 3 to 4 feet, with * 4 ½ ft to 3 ½ ft of stone. *(Errata: previous letter read 4 ft to 3 ft of stone)

Please submit the standard percolation certification plans (2 paper copies and 1 Mylar) at 1": 50' scale to include 2-ft field surveyed topography for the easement. You may include, and it is recommended that, invert elevations shown from the sewage line out of the house to the distribution box be shown. The size of the septic tank and pump tank, as well as the total length of trench, will be determined once we know how many bedrooms are proposed on the building permit for the dwelling.

Locations and distances to wells and septic systems adjoining this property should be confirmed and shown on this plan. No adjoining septic systems should be above grade with the possible effluent draining towards the direction of your well box site. Conversely your proposed septic system location should not have its effluent plume draining to any adjoining wells.

If you have any questions I may be reached at (410)-313-2669.

Sincerely,



Frank Alfonso, RS

FA/fa

6/16/77
9:30 a.m.

APPLICATION

A 25970

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 2nd

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DATE 6-1-77

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER John J. MOOSBERGER + Sam C Robinson

ADDRESS 12001 New Hampshire Ave PHONE (301) 622-1110
Silver Spring Md 20904

PROPERTY LOCATION:

SUBDIVISION Part of a 123⁴⁴ AC Land tax Map 30 Parcel I 2nd Election Dist LOT NO. lot 1

ROAD AND DESCRIPTION Centennial Lane app 2000' North of 108
next to L.F. Casey's House

SIZE OF LOT 1 AC TYPE BLDG. House
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT John J. Moosberger

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS Fr. Skinner DATE 6/16/77

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

3 B 13' Water at 13'; clayey to 4'; mica loam below

Bernard, Dana

From: Bernard, Dana
Sent: Monday, May 08, 2017 9:55 AM
To: 'MAF & Associates, LLC'
Subject: RE: 4580 Centinnial Lane (A5)

Mr. Forgen

The test plan you submitted needs revisions before your test can be scheduled. Your percolation test plan must show the original test area with passed percolation test holes. The proposed revised area must show test holes to be tested. You cannot propose trenches in a test area that has not been approved. A revised plan must be submitted. Also, please submit floor plans for the additions so I can help you determine the size of tank and length of trenches needed for your additions. If you have any questions don't hesitate to shoot me an email.

From: MAF & Associates, LLC [mailto:mforgen@aol.com]
Sent: Monday, May 08, 2017 7:31 AM
To: Bernard, Dana
Subject: Re: 4580 Centinnial Lane (A5)

Dana

The perc application was submitted on April 26th. Please let me know when the perc can get scheduled. We would like to perc the property as soon as possible.

Thanks

Matthew A Forgen
MAF & Associates, LLC
443-864-8589 (cell)
410-552-5541 (office)
410-552-5546 (fax)

-----Original Message-----

From: Bernard, Dana <dbernard@howardcountymd.gov>
To: 'MAF & Associates, LLC' <mforgen@aol.com>
Sent: Thu, Apr 20, 2017 10:24 am
Subject: RE: Centinnial Lane

Mr. Forgen,

It is very difficult to review percolation certification plans through e-mail. We strongly encourage sending plans in to our office to receive a proper review. Please make sure you show all calculations.

Thank You

Dana

From: MAF & Associates, LLC [mailto:mforgen@aol.com]
Sent: Wednesday, April 19, 2017 11:43 AM
To: Bernard, Dana
Cc: christina@vgarchitect.com
Subject: Re: Centinnial Lane

Dana

I needed to see if you had the existing perc results? I can not find them on the Health Department site.

I have attached a revised plan showing the additional trenches and septic tank for the pool. Please let me know if we will need the additional percs with this layout.

In determining the trench length I used a design flow for 5 bedrooms (1,500 gallons) and a loading rate of 0.8 and an effective depth of 4'. This give me a total trench length of 260 lin.ft.

I show 3-87 lin.ft. trenches to the east of the existing trenches just off of perc test location E.

I show 4-65 lin.ft. trenches to the northwest of the relocated trenches just off of perc test location D.

We added a 1,000 gallon pump pit to carry the flow from the pool house septic tank to the distribution box.

Please let me know about the need for additional testing and if this plan is approvable.

Thanks for all your help.

Matthew A Forgen
MAF & Associates, LLC
443-864-8589 (cell)
410-552-5541 (office)
410-552-5546 (fax)

-----Original Message-----

From: MAF & Associates, LLC <mforgen@aol.com>
To: dbernard <dbernard@howardcountymd.gov>
Sent: Wed, Apr 19, 2017 8:07 am
Subject: Re: Centinnial Lane

Dana

Good Morning

Are you available to talk this morning? You reiterated your comment but I had some questions before I start sending plans back in and sending contractors to do additional testing.

Tanks for your time.

Matthew A Forgen
MAF & Associates, LLC
443-864-8589 (cell)
410-552-5541 (office)
410-552-5546 (fax)

-----Original Message-----

From: Bernard, Dana <dbernard@howardcountymd.gov>
To: 'MAF & Associates, LLC' <mforgen@aol.com>
Sent: Tue, Apr 18, 2017 2:31 pm
Subject: RE: Centinnial Lane

Mr. Forgen,

The revised area and the proposed trench locations appear to not leave any room for 2 replacement systems. A revised PC must show a revised area with trenches laid out for an initial and 2 replacements. Additional testing may be needed to achieve this.

From: MAF & Associates, LLC [<mailto:mforgen@aol.com>]
Sent: Tuesday, April 18, 2017 1:35 PM
To: Bernard, Dana
Subject: Re: Centinnial Lane

Dana

I left you a couple of phone messages regarding your comments on my Perc Certification plan. The questions I have is, do I need to show an initial and 2 replacements for this addition? This is not a new dwelling just a dwelling addition. If so we can add septic area to the north of the existing trenches that will remain. The existing perc is along the same

**M.A.F.
& ASSOCIATES, LLC**

526 HOODS MILL ROAD
WOODBINE MD. 21797
PHONE: 410-552-5541
FAX: 410-552-5546

LETTER OF TRANSMITTAL

DATE: 5-8-17
ATTENTION: Dick Bernard
REGARDING: 4580 CENTRELIAC
LANE

(A5)

TO: Hb. Co. HEALTH
DEPT.

COPIES	DATE	NO.	DESCRIPTION
<u>4</u>			<u>PERC TEST PLAN</u>

REMARKS: Dick
THE PLAN HAS BEEN REVISED
AS REQUESTED.

WE SUBMITTED EXISTING &
PROPOSED HOUSE PLAN WITH THE
PERC CERT. SUBMITTAL

Thanks
Matthew Fagan

SIGNED M.A.F.

ground elevation. We could add more septic area to the east as well. This area would only be roughly 2 feet lower in elevation. Do we need addition testing for this area? I would think the existing percs give us enough information to allow these areas to be utilized.

Thanks for your time.

Matthew A Forgen
MAF & Associates, LLC
443-864-8589 (cell)
410-552-5541 (office)
410-552-5546 (fax)

-----Original Message-----

From: Bernard, Dana <dbernard@howardcountymd.gov>
To: 'mforgen@aol.com' <mforgen@aol.com>
Sent: Tue, Apr 4, 2017 4:36 pm
Subject: Centinnial Lane

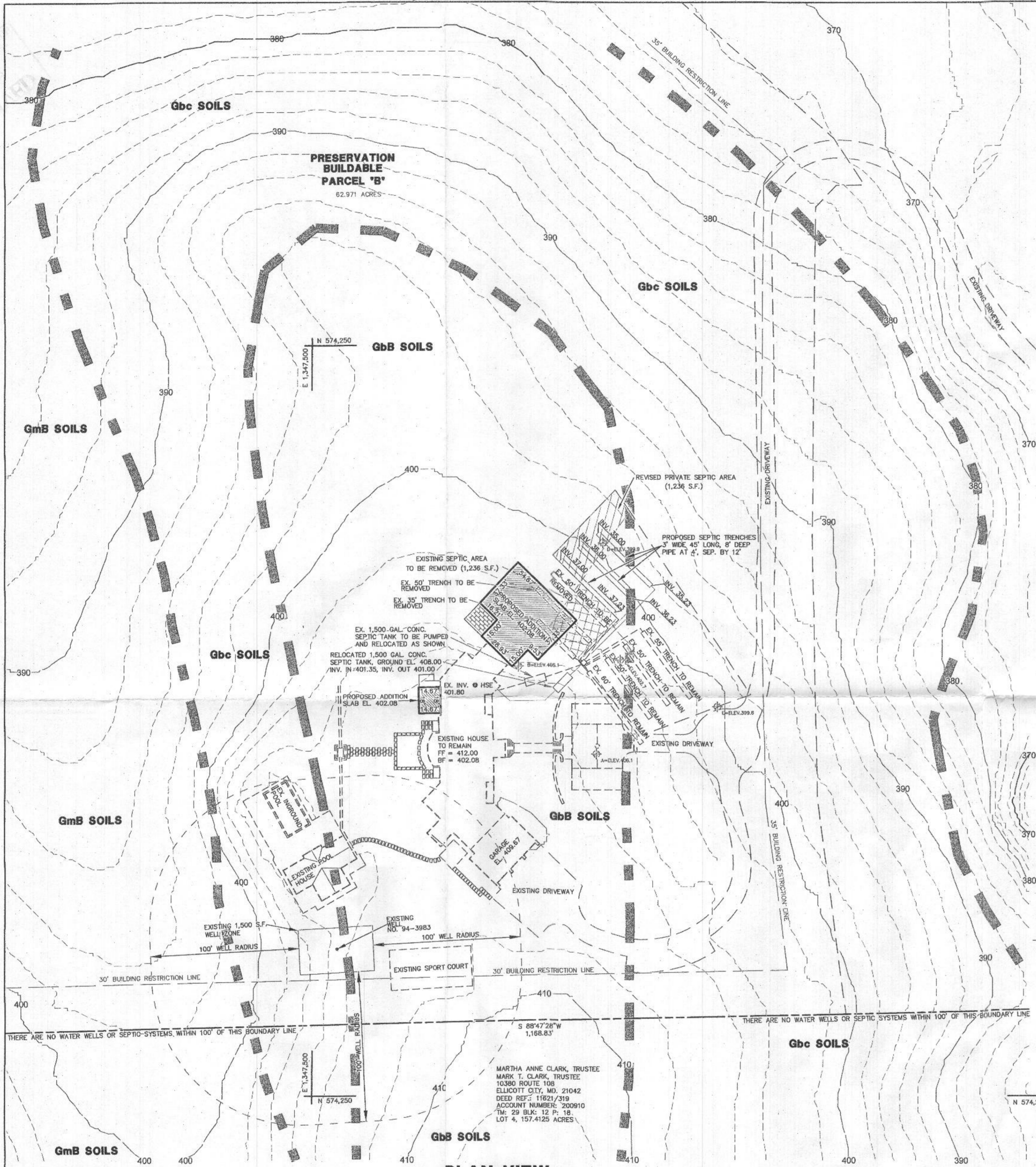
Mr. Forgen,

I have reviewed your submission for 4560 Centennial Lane and we have a few revisions that need to occur before I send it up for signature.

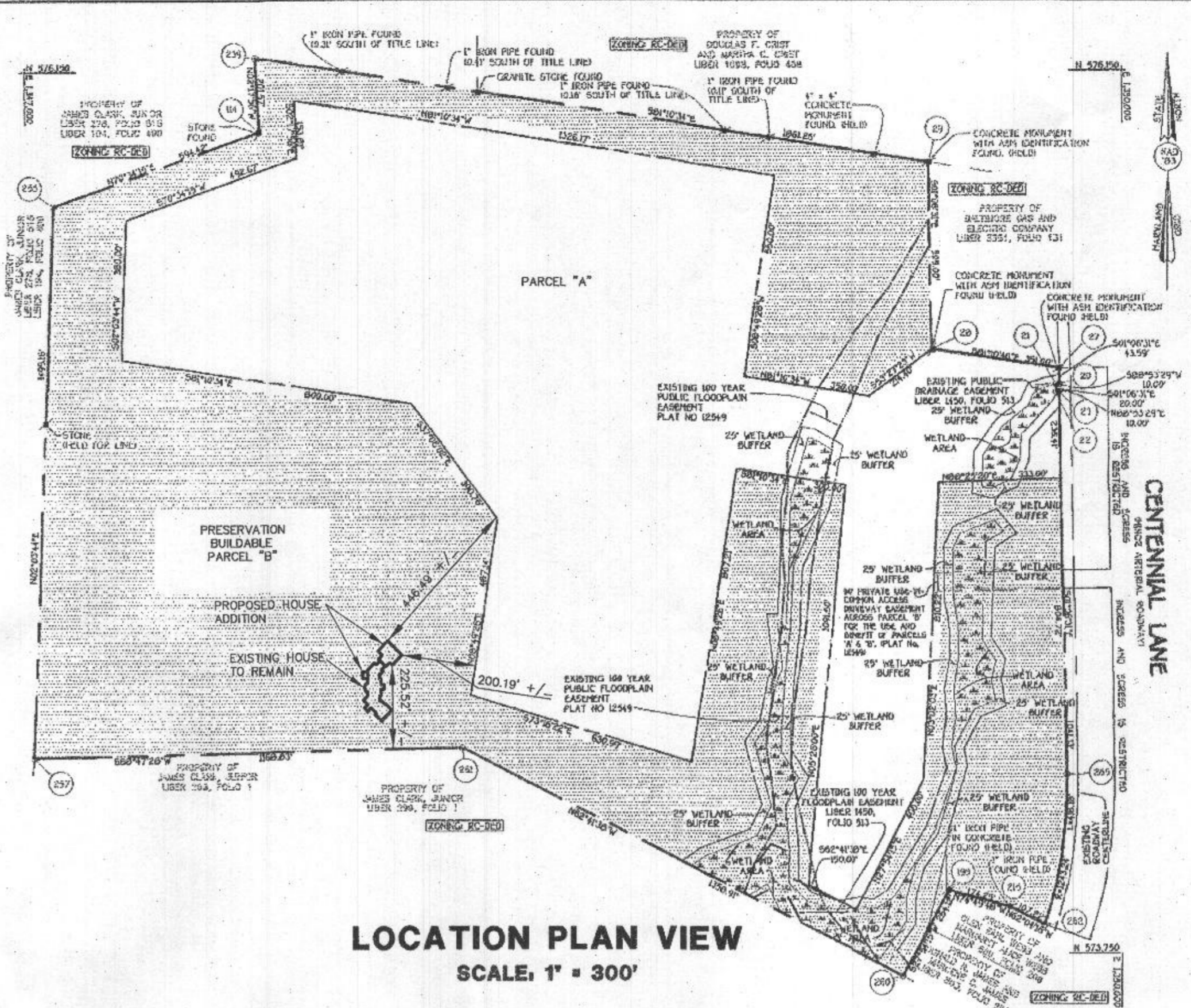
1. There is a septic tank coming from the pool house that is not shown on the plan. We must show all components of the septic system.
2. The revised area and the proposed trench locations appear to not leave any room for 2 replacement systems. A revised PC must show a revised area with trenches laid out for an initial and 2 replacements. Additional testing may be needed to achieve this.

Thank you & Have a*")
(. * Wonderful Day !

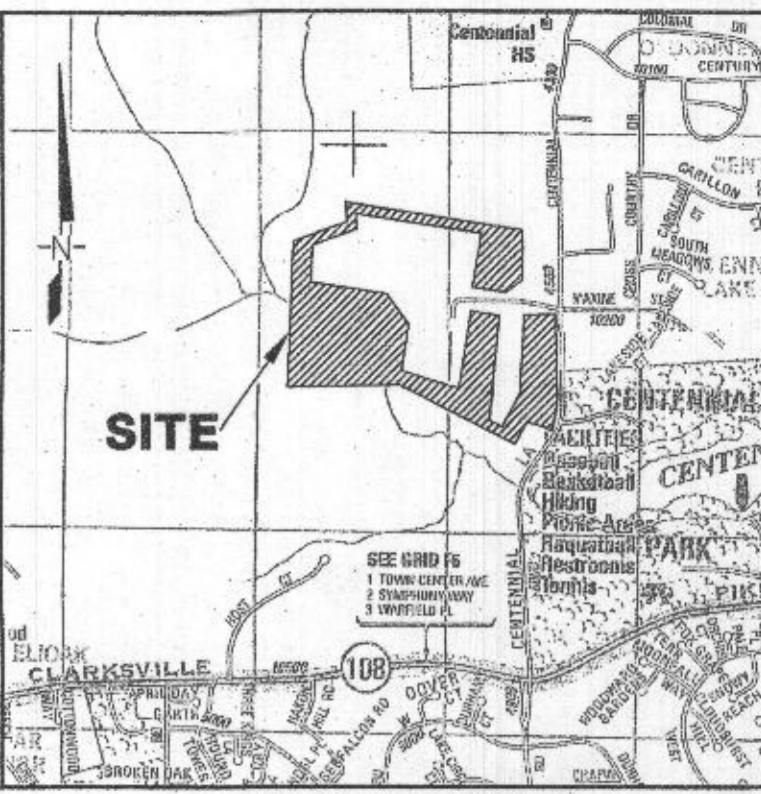
Dana Bernard, R.E.H.S/L.E.H.S.
Environmental Specialist II
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov



PLAN VIEW
SCALE: 1" = 40'



LOCATION PLAN VIEW
SCALE: 1" = 300'



VICINITY MAP
SCALE: 1" = 2,000'
ADC MAP: 15, GRID: E1
Copyright ADC The Map People
Permitted Use Number 2071191

GENERAL NOTES:

1. THIS SITE CONSISTS OF 62,970 ACRES.
2. TAX ACCOUNT NUMBER: 353861
3. EXISTING USE: SINGLE FAMILY DWELLING
4. PROPOSED USE: SINGLE FAMILY DWELLING ADDITION
5. PROPERTY ADDRESS: 4580 CENTENNIAL LANE, ELLICOTT CITY, MD. 21045
6. OWNER: ROBERT SCOTT BERG, LISA ANNETTE BERG, 4580 CENTENNIAL LANE, ELLICOTT CITY, MD. 21045, PHONE: 443-939-0656
7. DEVELOPER: ROBERT SCOTT BERG, LISA ANNETTE BERG, 4580 CENTENNIAL LANE, ELLICOTT CITY, MD. 21045, PHONE: 443-939-0656
8. NO PROPERTY LINE SURVEY HAS BEEN MADE AT THIS TIME.
9. THE EXISTING UTILITIES HAVE NOT BEEN FIELD VERIFIED AT THE TIME. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE LOCATION OF THE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY GRADING ACTIVITY.
10. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

PURPOSE NOTE:

THE PURPOSE OF THIS PLAN IS TO REVISE THE 10,000 SQUARE FOOT SEPTIC AREA. THIS REVISION IS TO ALLOW FOR THE RELOCATION OF SEPTIC TRENCHES FOR A HOUSE ADDITION TO BE PLACED ON SITE.

TOPOGRAPHY NOTE:

THE TOPOGRAPHY SHOWN ON THIS PLAN WAS TAKEN FROM EXISTING APPROVED DRAWING ON FILE WITH THE HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH.

WELL LOCATION NOTE:

ALL EXISTING WELLS ON THE SUBJECT PROPERTY AND WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NOTE:

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

BOUNDARY AND LOCATION NOTE:

THE LOT BOUNDARY IS TAKEN FROM THE FINAL PLAT NUMBER 16986. THE HOUSE AND SEPTIC AREA LOCATION ARE TAKEN FROM THE PREVIOUSLY APPROVED SITE DEVELOPMENT PLAN.

PROFESSIONAL CERTIFICATION

PROFESSIONAL CERTIFICATION: I, MICHAEL J. WERNER, 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. 23380, EXPIRATION DATE 8-19-18.

Signature: *[Signature]*
Name: Michael J. Werner
Firm Name: M.A.F. & ASSOCIATES, LLC
Address: 526 HOODS MILL ROAD, WOODBINE MD. 21797
Date: 3/16/17



LEGEND

- Existing Grade
- REVISED PRIVATE SEPTIC AREA TO BE ADDED
- EXISTING SEPTIC AREA TO BE REMOVED
- PASSING PERCOLATION TEST HOLE LOCATION
- Gbc SOILS
- Gbb SOILS
- Gmb SOILS
- SOIL BOUNDARY LINE
- SOIL CLASSIFICATION

"MDE SEWAGE EASEMENT STATEMENT"

"THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT 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 EASEMENT. RECORDATION OF A REVISED EASEMENT SHALL NOT BE NECESSARY."

"Approval for private water and private sewerage systems"

Health Officer: _____ Date: _____

M.A.F. & ASSOCIATES, LLC
526 HOODS MILL ROAD
WOODBINE MD. 21797
PHONE: 410-552-5641
FAX: 410-552-5646

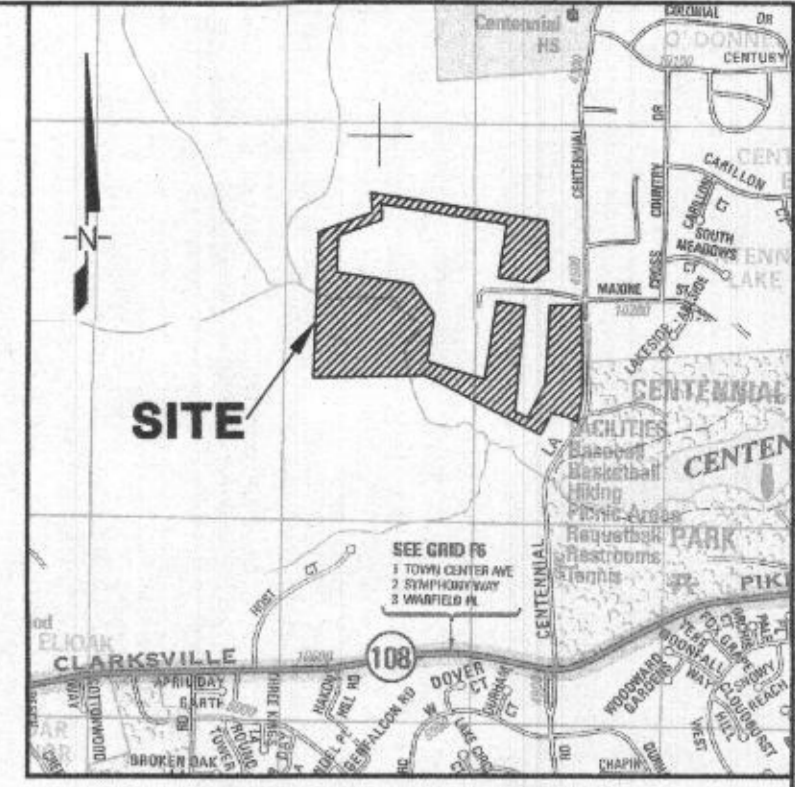
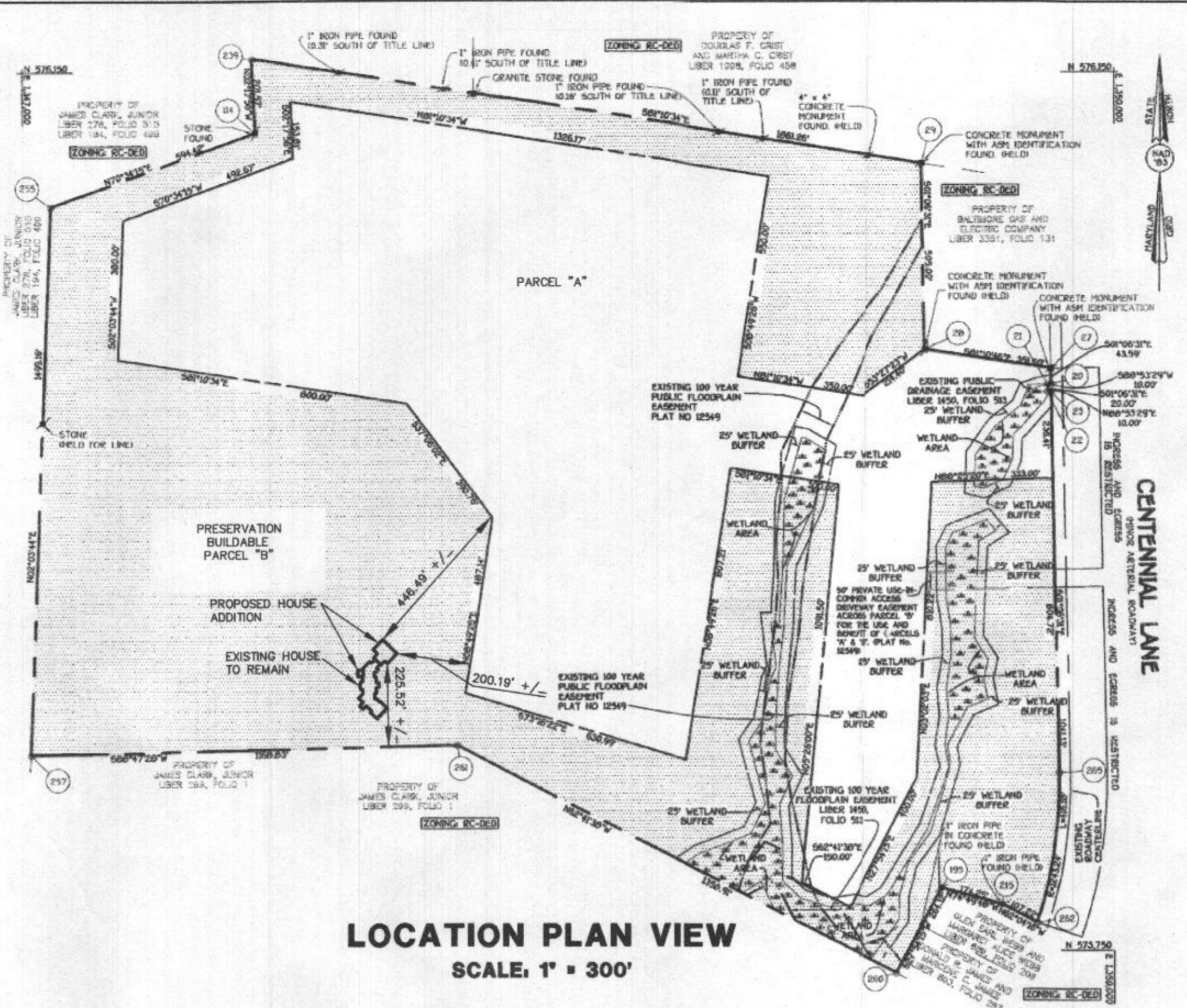
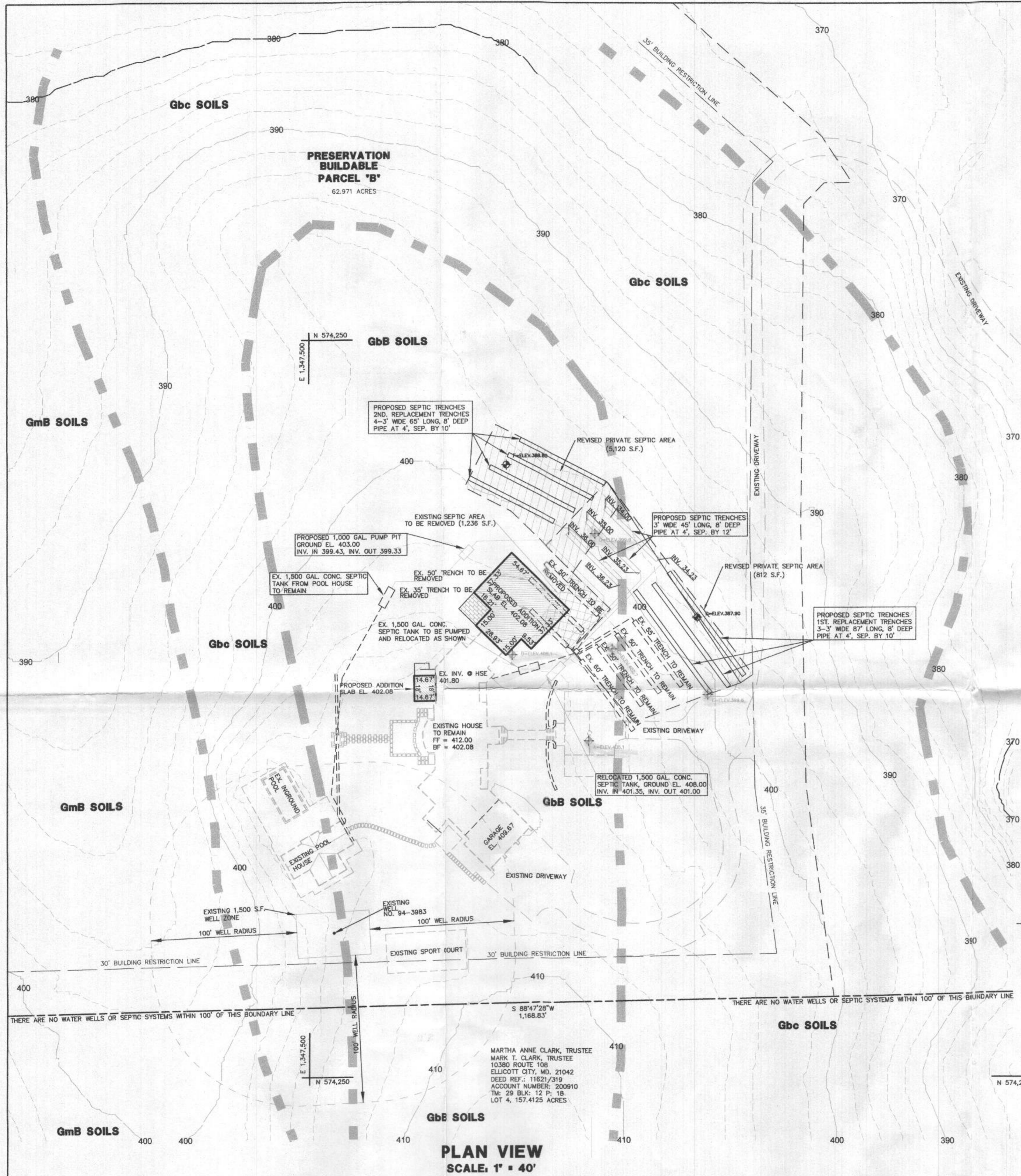
SHEET 1 of 1

PERCOLATION CERTIFICATION PLAN

**BERG RESIDENCE
AT 4580 CENTENNIAL LANE
ELLICOTT CITY MD. 21042**

2ND DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DRAWN ON: MARCH 16, 2017
TAX MAP 30 BLOCK 1 PARCEL 001

ZIPCODE: 21042



GENERAL NOTES:

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- TAX ACCOUNT NUMBER: 383861
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- PROPOSED USE: SINGLE FAMILY DWELLING ADDITION
- PROPERTY ADDRESS: 4580 CENTENNIAL LANE, ELlicOTT CITY, MD. 21045
- OWNER: ROBERT SCOTT BERG, LISA ANNETTE BERG, 4580 CENTENNIAL LANE, ELlicOTT CITY, MD. 21045, PHONE: 443-939-0656
- DEVELOPER: ROBERT SCOTT BERG, LISA ANNETTE BERG, 4580 CENTENNIAL LANE, ELlicOTT CITY, MD. 21045, PHONE: 443-939-0656
- NO PROPERTY LINE SURVEY HAS BEEN MADE AT THIS TIME.
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PLAN VIEW
SCALE: 1" = 40'

LOCATION PLAN VIEW
SCALE: 1" = 300'

SHEET 1 of 1

PERCOLATION CERTIFICATION PLAN

BERG RESIDENCE
AT 4580 CENTENNIAL LANE
ELlicOTT CITY MD. 21042

2ND DISTRICT
SCALE: AS SHOWN
TAX MAP 30

HOWARD COUNTY, MARYLAND
DRAWN ON: MARCH 16, 2017
PARCEL 001

BLOCK 1
ZIPCODE: 21042

PROFESSIONAL CERTIFICATION

PROFESSIONAL CERTIFICATION: I, MICHAEL J. WERNER, 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. 23380, EXPIRATION DATE 8-19-18.

Signature: *MJW*
Name: Michael J. Werner
Firm Name: M.A.F. & ASSOCIATES, LLC
Address: 526 HOODS MILL ROAD
WOODBINE MD. 21797

Professional Engineer Seal: STATE OF MARYLAND, MICHAEL JOSEPH WERNER, No. 23380, PROFESSIONAL ENGINEER

Date: 4/26/17

LEGEND

390	Existing Grade		REVISED PRIVATE SEPTIC AREA TO BE ADDED
	SOIL BOUNDARY LINE		EXISTING SEPTIC AREA TO BE REMOVED
	PASSING PERCOLATION TEST HOLE LOCATION		
	Gbc SOILS		
	GbB SOILS		
	GmB SOILS		
	SOIL CLASSIFICATION		

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"Approval for private water and private sewerage systems"

Health Officer _____ Date _____

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