

Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
 Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 7/17/2018 **ONSITE SEWAGE DISPOSAL SYSTEM** P 563960
 APPROVAL DATE: 07/20/2018 **PERMIT: CONSTRUCTION** A _____
 PROPERTY ADDRESS: 2425 Miller's Mill Road, Cooksville, MD 21723
 SUBDIVISION: Tax Map 14, Parcel 30 LOT: N/A TAX ID: 04-322932
 CONTRACTOR: Sam's Creek EMAIL: Sams.Creek@aol.com
 CONTRACTOR ADDRESS: 2810 Sams Creek Road, New Windsor 21776 PHONE: (443)821-4932
 PROPERTY OWNER: Joseph J Spellman EMAIL: Spellmans4@verizon.net
 OWNER ADDRESS: 1800 Highfield Road, Ashton, MD 20861 PHONE: (301)661-6413
 SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Mayer Bros., Inc.
 PUMP MODEL: N.A. PUMP SIZE: N.A. PUMP TANK CAPACITY: N.A.

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

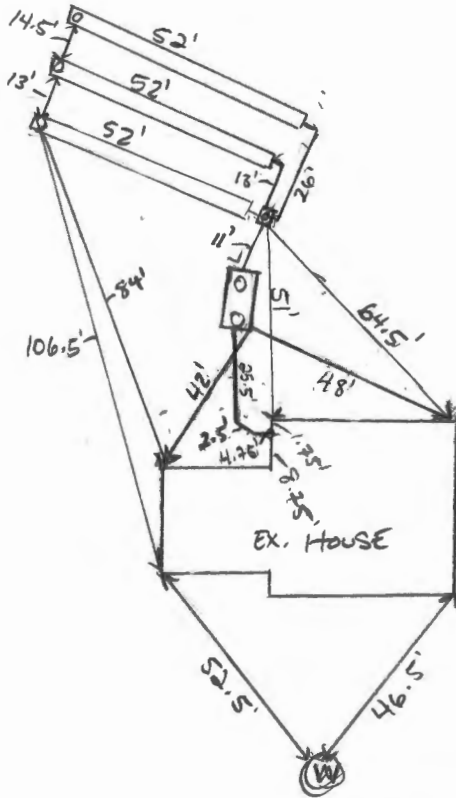
TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: R BRICKER ISSUE DATE: 7/19/2018 EXPIRATION DATE: 7/17/2019

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
 ELECTRICAL PERMIT ISSUED E N.A.
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE



HO-17-0009

ROAD NAME
MILLERS MILL ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES		3
TOTAL LENGTH		156'
ABSORPTION AREA		468
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	1'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT/BACK
6" PORT LOC	INLET
WATERTIGHT TEST	N/A
SLOTTED	YES
DATE ON LID	06/13/2018

PUMP/SEPTIC TANK LEVEL

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

7/19/2018 D BOX SHIFTED TO CENTER OF SDA FOR FUTURE REPLACEMENT SYSTEMS. TRENCHES SHIFTED DOWN, S.T. BE ANGLED AND MOVED JUST OUTSIDE 100' RADIUS FROM HO-17-0009.

INSTALLATION:

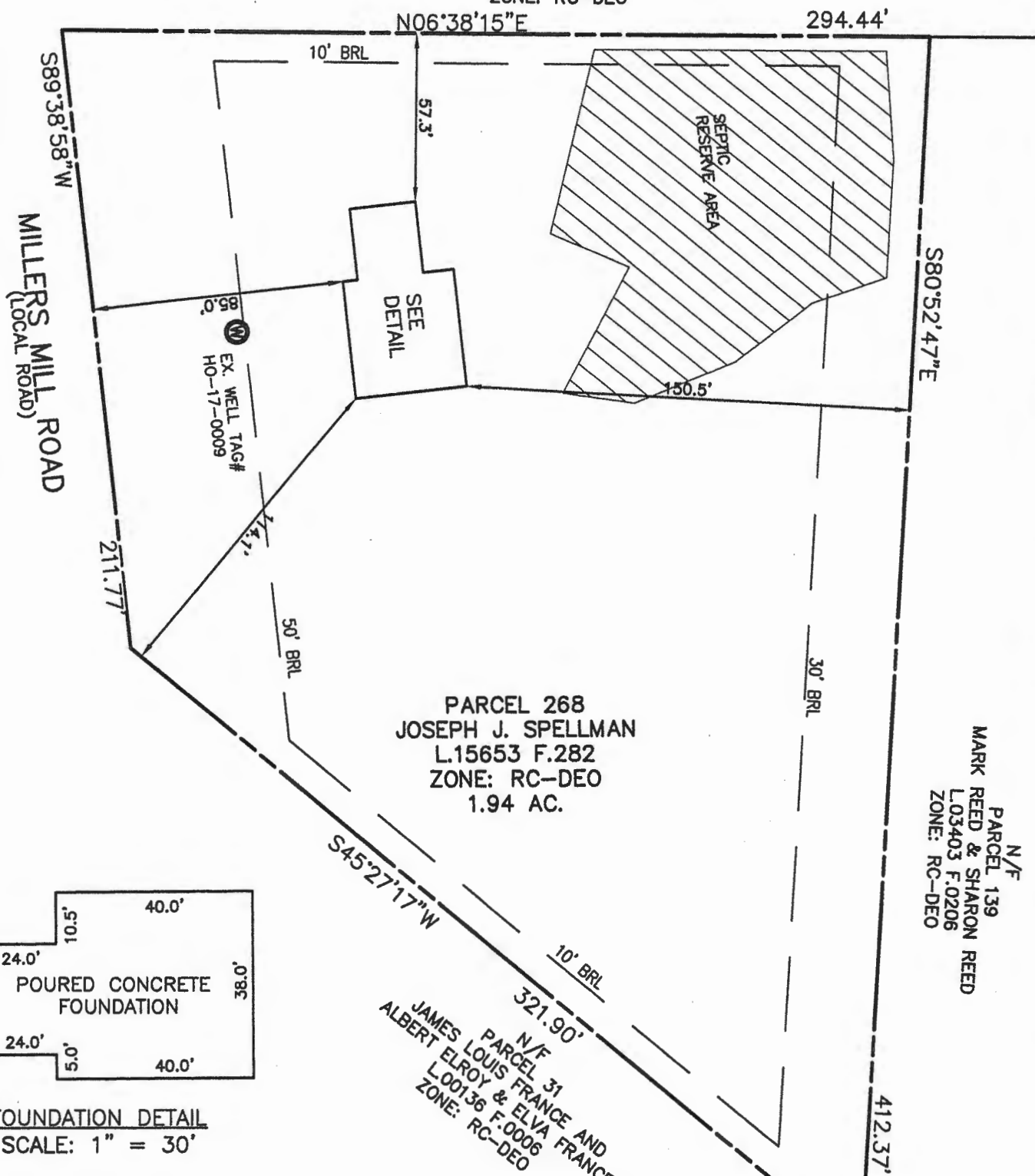
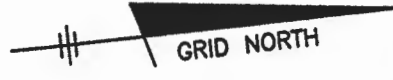
7/19/2018 (PM) SHC AND SEWER LINE TO TANK INSTALLED. S.T SET AND LOWEST TRENCH DUG. REINSPECT TANK BAFFLES, D. BOX, AND TRENCH CONSTRUCTION. 7/20/2018 TRENCHES INSTALLED TO SPEC. D BOX LEVELED. D BOX IS SMALL 3 PORT BOX. CORRECTIVE ACTION FOR LEAK IN D BOX LATERAL CONNECTION COMPLETED IN FIELD. LEAK PLUGGED WITH CEMENT. OK TO BACKFILL.

FINAL INSPECTOR

DATE OF APPROVAL

07/20/2018

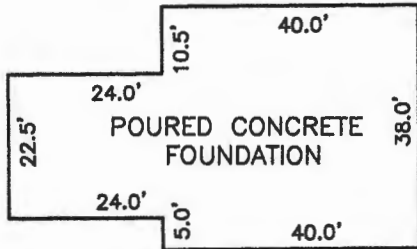
N/F
 PARCEL 165
 DANIEL HOWARD L/E
 L.13312 F.0422
 ZONE: RC-DEO



PARCEL 268
 JOSEPH J. SPELLMAN
 L.15653 F.282
 ZONE: RC-DEO
 1.94 AC.

N/F
 PARCEL 139
 MARK REED & SHARON REED
 L.03403 F.0206
 ZONE: RC-DEO

N/F
 PARCEL 31
 JAMES LOUIS FRANCE AND
 ALBERT ELROY & ELVA FRANCE
 L.00136 F.0006
 ZONE: RC-DEO



FOUNDATION DETAIL
 SCALE: 1" = 30'

SURVEYOR'S CERTIFICATE

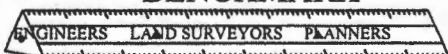
I HEREBY CERTIFY THAT THESE DOCUMENTS, WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRATION DATE 1-7-2019 AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 09/29/2017.

Donald A. Mason

DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR
 MARYLAND REG. No. 21320

FEMA FIRM No. 24027C0045D
 ZONE: X
 DATED: 11/6/2013

BENCHMARK



ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 (P) 410-485-8105 A (F) 410-485-8844

FIELD OBS. BY DH
 COMP. BY EWF
 DRAWN BY EWF

SCALE: 1" = 50' DATE: 09/29/2017

*Wall Check
 OK
 DB 7-17-18*

TOP OF FOUNDATION WALL = 604.2'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

WALL CHECK

**SPELLMAN PROPERTY
 TAX MAP 14 PARCEL 268
 LIBER 15653, FILOIO 282**

2425 MILLERS MILL ROAD

4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



Bureau of Environmental Health

8930 Stanford, Columbia, MD 21045
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TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Face book: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

August 5, 2015

Jospeh J. Spellman
18000 Highfield Road
Ashton, Maryland 20861


RE: **Variance request**
2425 Millers Mill Road
Cooksville, Maryland 21723

Dear Mr. Spellman,

Maryland Department of the Environment has accepted our recommendation to approve the following variance request under the *Code of Maryland Regulations 26.04.02.05 (C)* to allow: the proposed sewage disposal system serving 2425 Millers Mill Road on the Spellman Property to be located up gradient from an existing private water well. Due to the landscape position of the sewage areas and well, the request was approved subject to the following conditions:

1. An advanced pretreatment system which utilizes best available technology to perform nitrogen reduction must be installed on the sewage disposal system located at 2425 Millers Mill Road. In addition, ongoing maintenance is required. An agreement acknowledging the need for maintaining a service contract with an authorized service provider must be recorded in the Howard County Land Records for this lot within 30 days after plat recordation. Building permit applications for the respective lot will not be approved until such an agreement is recorded. Before a septic system installation permit is released for the advanced pre-treatment system, a site plan must be submitted with all necessary details for installation of the system.
2. The well on the subject parcel must be constructed using a steel well casing, which must be installed to a minimum depth of 50' below ground surface or 10' into competent bedrock; whichever is deeper.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-6287.

Sincerely,

Dana Bernard, R.E.H.S./ L.E.H.S.
Development and Coordination
Well & Septic Program

Maryland Department of the Environment
Steven Krieg, R.S.

Howard County Health Department
Jeff Williams, Well and Septic Supervisor

Cc: File
Benchmark Engineering, Inc.
C/o John Carney

--
Steven R. Krieg, L.E.H.S.
Regional Consultant for Mid and Western MD

On-site Systems Division
Wastewater Permits Program
Water Management Administration
Maryland Department of the Environment
(410) 537-3680

Bernard, Dana

From: Bernard, Dana
Sent: Wednesday, February 15, 2017 9:53 AM
To: 'Mike Riedel'
Subject: RE: Septic Specification Info
Attachments: Septic spec worksheet_new 9 4 14.pdf

Mike,

Hank told me he sent over the septic specs for millers mill but could not find the Bowen Property. I have attached the septic specs for this project. E-mail me if you need anything else.

Have a great day!!!!

Dana

From: Mike Riedel [<mailto:mriedel@bei-civilengineering.com>]
Sent: Friday, February 10, 2017 6:02 PM
To: Bernard, Dana
Cc: Chris Malagari
Subject: Septic Specification Info

DANA: can you please send (or forward this correspondence to the responsible party) the Septic Specification Worksheets for these projects.

- Spellman Property, 2425 Millers Mill Road
- Bowen Property, SE MD Route 108 (Highland)

If you require further assistance, please contact me. Thanx, MCR

BENCHMARK ENGINEERING, INC.
8480 Baltimore National Pike
Suite 315
Ellicott City, MD 21043
Phone: 410-465-6105
Fax: 410-465-6644
www.bei-civilengineering.com

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Williams, Jeffrey

From: Williams, Jeffrey
Sent: Friday, January 20, 2017 8:52 AM
To: 'Chris Malagari'
Cc: Mike Riedel
Subject: RE: Spellman Property
Attachments: OSDS design plan requirements 11.21.16.pdf

I heard back from MDE and they are in agreement that the area still has a variance, but if the 1st system is installed where it's shown on the perc cert, then the conditions of BAT unit and LPD drainfield will not be required at this time. Whenever the area where the perc cert shows the 3rd system is used, that is the part that is upgrade and will need conditions applied at that time. Hopefully that's many decades from now. If you are working through the building permit process now, you will need to submit an OSDS design plan with gravity trenches according to our requirements (attached) for our approval. Thanks
Jeff

From: Chris Malagari [<mailto:cmalagari@bei-civilengineering.com>]
Sent: Tuesday, January 17, 2017 5:37 PM
To: Williams, Jeffrey
Cc: Mike Riedel
Subject: RE: Spellman Property

Jeff: That was my thought exactly. Thanks, and will be awaiting your response. Chris

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Tuesday, January 17, 2017 3:49 PM
To: Chris Malagari <cmalagari@bei-civilengineering.com>
Subject: RE: Spellman Property

Hi Chris. Here's my general answer that I started crafting before I pulled the file: the downgrade wells go through the variance process where Health will first recommend the variance and MDE will give approval and impose any conditions of the approval. In our area, the BAT unit is a typical condition of the variance. Sometimes a low pressure dosed drainfield is another condition of approval. If the well is to be drilled, a typical condition on the well construction will be to use steel casing to 50' depth or 10' into bedrock. All of these things give extra safeguards to protect the well water from contamination from the upgrade system.

However, looking at this property, the only portion of the SDA upgrade of the neighbor's well is what's designated as the third system. I will get in touch with our regional MDE person to discuss maybe easing up on the BAT and LPD condition here with the condition that the initial system to be shown on the design plan and installed will be what you are showing as the first system on the perc cert where the contour heads in the other direction. I'll let you know. Thanks
Jeff

From: Chris Malagari [<mailto:cmalagari@bei-civilengineering.com>]
Sent: Tuesday, January 17, 2017 12:24 PM
To: Williams, Jeffrey
Subject: Spellman Property

Hi Jeff! Happy new Year! Spellman property obtained a variance to allow the proposed septic to be 200' upstream of an existing well. Is it really necessary for the owner to install a BAT system for this?

July 29, 2015

Jeff Williams, Program Supervisor
Well and Septic Program
Howard County Health Department
8930 Stanford Blvd.
Columbia, MD 21045

Re: Millers Mill Road, Tax Map 14, Parcel 268
2425 Millers Mill Road – Joseph J. Spellman
Septic Reserve Area setback variance request for #2425 Millers Mill Road from existing
private water well at 2204 Roxbury Mill Road, Tag Number HO-94-0073

Mr. Williams:

I am writing to request a variance from the Maryland Department of the Environment for the separation distance between on-lot septic reserve area and components to an existing well. The landscape position of the well on parcel 139 is down gradient of septic components or disposal area planned on my property, parcel 268.

I own parcel 268, which is known as 2425 Millers Mill Road. Parcel 139 is a neighboring parcel known as 2204 Roxbury Mill Road. The required location of my 10,000 square foot septic reserve area and the required BAT tank for my parcel is 201' from the field located well on parcel 139. Both of these parcels are in Howard County, Maryland.

I have maintained approximately 200' of horizontal separation distance between the well on Parcel 139, tag number HO-94-0073, and the new on-lot septic system for Parcel 268.

After discussions with the Howard County Health Department about how best to address the concern of the existing well at 2204 Roxbury Mill Road being down gradient of the proposed septic system of Parcel 268, it is proposed to locate the proposed sewage system to the most distant location possible. Howard County Health Department has recommended a 5' separation between the western boundary line and the edge of the septic reserve area. Additionally, this system will be constructed in accordance with the requirements of MDE and the approval conditions associated with this variance request. We have included the following note on the Percolation Certification Plan that specifies several mitigations:

“MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS ACCEPTED OUR VARIANCE REQUEST UNDER THE CODE OF MARYLAND REGULATIONS 26.04.02.05(C) TO ALLOW; THE PROPOSED SEWAGE DISPOSAL SYSTEM SERVING ON THE JOSEPH J. SPELLMAN PROPERTY (2425 MILLERS MILL ROAD) TO BE LOCATED UP GRADIENT FROM THE EXISTING PRIVATE WATER WELL (HO-94-0073) LOCATED AT 2204 ROXBURY MILL ROAD. DUE TO THE LANDSCAPE POSITION OF THE SEWAGE AREAS AND WELL, THE REQUEST WAS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

1. AN ADVANCED PRE-TREATMENT SYSTEM WHICH UTILIZES BEST AVAILABLE TECHNOLOGY TO PERFORM NITROGEN REDUCTION AND LOW PRESSURE DOSING MUST BE INSTALLED ON THE SEWAGE DISPOSAL SYSTEM AT 2425 MILLERS MILL ROAD. IN ADDITION, ONGOING MAINTENANCE IS REQUIRED. AN AGREEMENT ACKNOWLEDGING THE NEED FOR MAINTAINING A SERVICE CONTRACT WITH AN AUTHORIZED SERVICE PROVIDER MUST BE RECORDED IN THE HOWARD COUNTY LAND RECORDS FOR THIS LOT WITHIN 30 DAYS AFTER PLAT RECORDATION. BUILDING PERMIT APPLICATIONS FOR THE RESPECTIVE LOT WILL NOT BE APPROVED UNTIL SUCH AN AGREEMENT IS RECORDED. BEFORE A SEPTIC SYSTEM INSTALLATION PERMIT IS RELEASED FOR THE ADVANCED PRE-TREATMENT SYSTEM, A SITE PLAN MUST SUBMITTED WITH ALL NECESSARY DETAILS FOR INSTALLATION OF THE SYSTEM.

If you have any question please feel free to contact me at 301-661-6413 or spellmans4@verizon.net.

Sincerely,



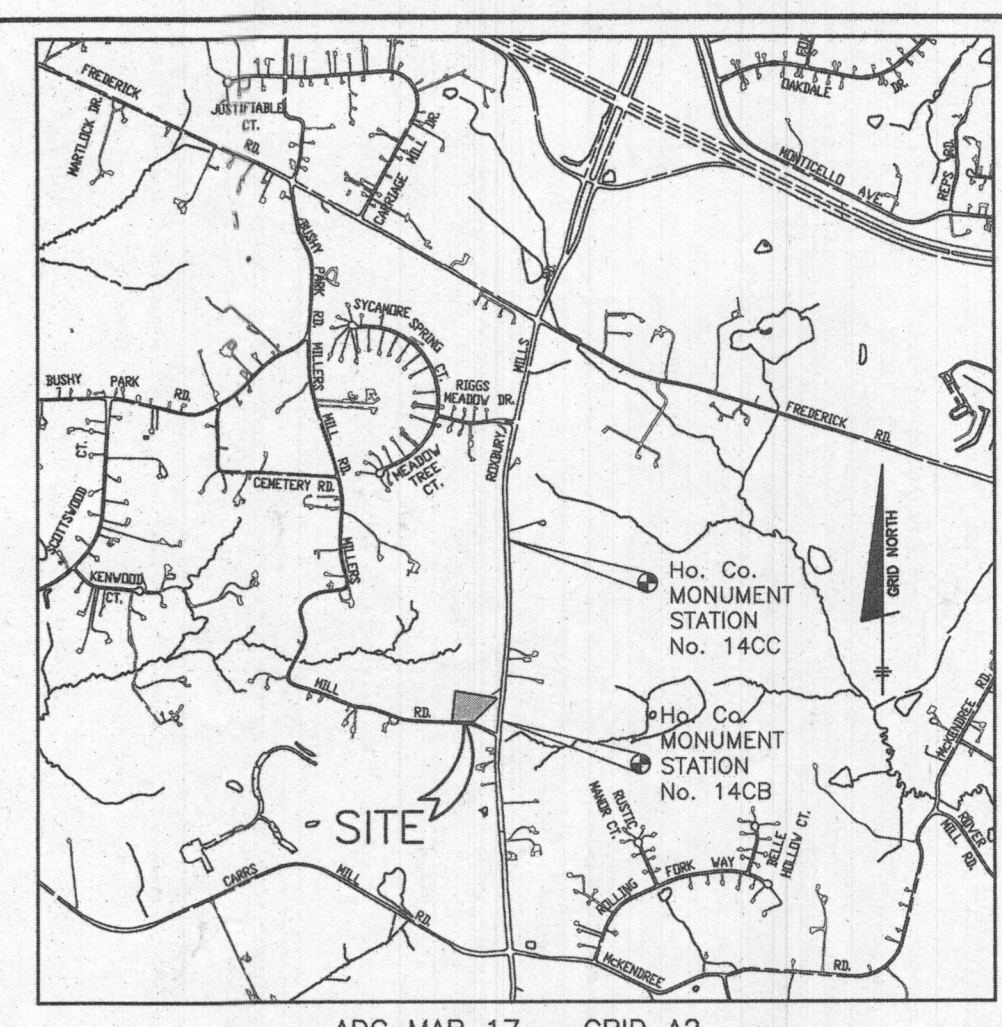
Mr. Joseph Spellman
18000 Highfield Road
Ashton, MD 20861



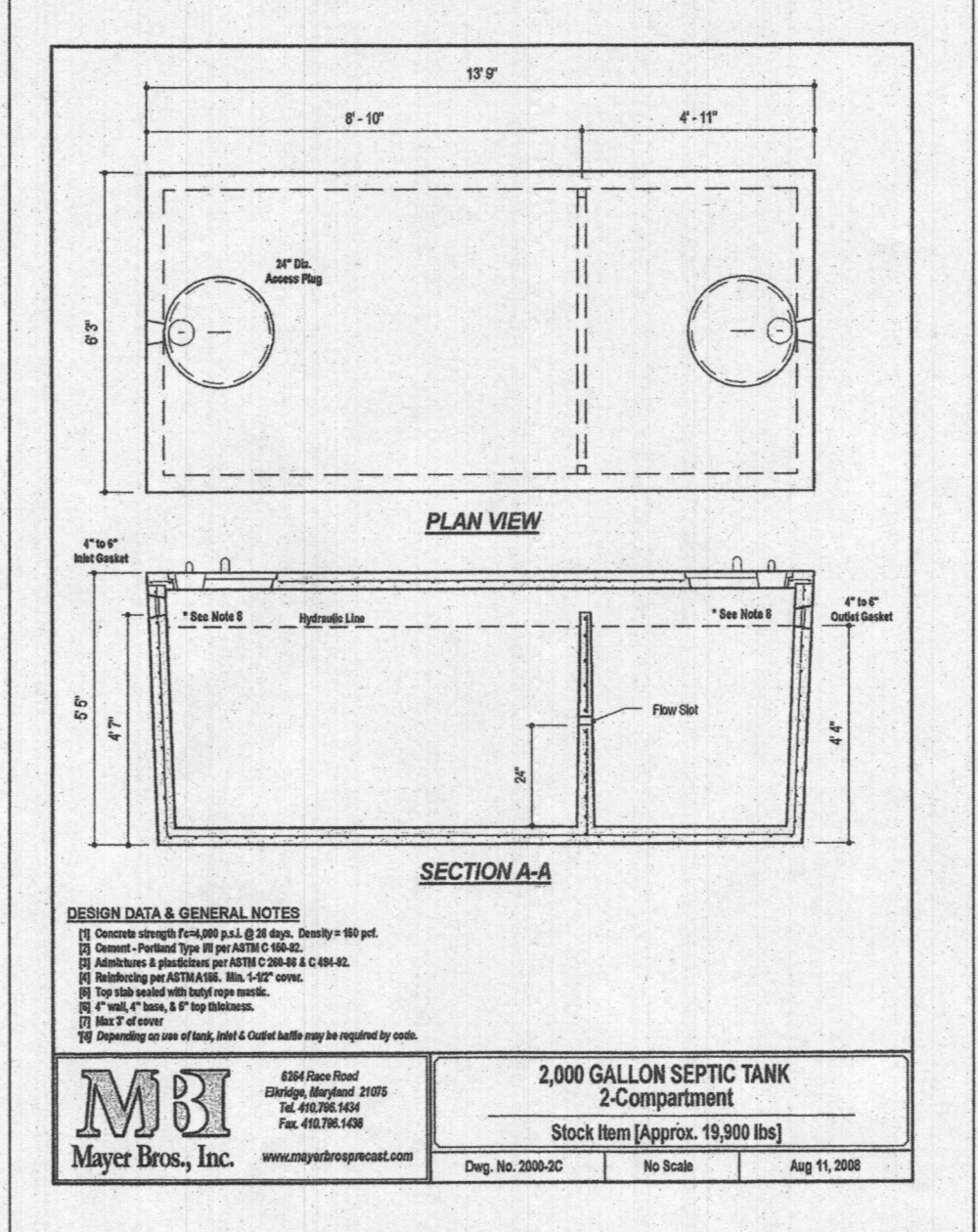
SOILS LEGEND				
MAP SYMBOL	SOIL GROUP	K-VALUE	SOIL TYPE	
GgB	B	0.20	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	
GnB	C	0.37/0.32	GLENVILLE-BAILE SILT LOAM, 0 TO 8 PERCENT SLOPES	
GmB	C	0.37	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	
BaA*	D	0.32	BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	

FROM NATURAL RESOURCES CONSERVATION SERVICES WEB SOIL SURVEY 2.0
* HYDRIC SOILS

LEGEND	
SOILS CLASSIFICATION	GgC
SOILS DELINEATION	---
EXISTING CONTOURS	--- (with elevation)
EXISTING WOODS LINE	~ (wavy line)
PROPOSED WOODS LINE	~ (dashed wavy line)
EXISTING STRUCTURE	--- (dashed rectangle)
EXISTING SEPTIC FIELD	/// (diagonal hatching)
PROPOSED SEPTIC FIELD	/// (dashed diagonal hatching)
PROPOSED PERCOLATION PASSED	○ (circle)
PROPOSED PERCOLATION FAILED	● (filled circle)



BENCHMARK INFORMATION NAD83		
Ho. Co. STATION 140B STAMPED DISC SET ON TOP OF CONCRETE COLUMN 3.2' EAST OF THE EDGE OF PAVING FOR MD ROUTE 97 AND 28.1' SOUTH OF B&E POLE No. 18 NORTHING: 598079.769' EASTING: 1306428.228' ELEVATION: 590.999'	Ho. Co. STATION 140C STAMPED DISC SET ON TOP OF CONCRETE COLUMN 9.4' EAST OF THE EDGE OF PAVING FOR MD ROUTE 97 AND 28.1' NORTH OF C&P POLE No. 11 NORTHING: 599950.258' EASTING: 1306517.766' ELEVATION: 602.899'	



GENERAL NOTES

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT. THE LOT SIZE FOR THIS LOT FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY'S BOUNDARIES EXCEPT THAT WHICH ARE SHOWN. IT IS OUR UNDERSTANDING THAT THERE WAS AN EXISTING WELL ON-SITE THAT WAS PROPERLY ABANDONED IN ACCORDANCE WITH HO. CO. HEALTH DEPT REGULATIONS.
- THE EXISTING TOPOGRAPHY SHOWN IS TAKEN FROM HOWARD COUNTY GIS AND SUPPLEMENTED WITH FIELD-RUN TOPOGRAPHY PERFORMED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT JANUARY, 2015; CONTOUR ARE AT TWO-FOOT INTERVALS.
- TRACT OUTLINE WAS ESTABLISHED BY FIELD WORK PERFORMED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT JANUARY, 2015. TOPOGRAPHY FOR THE SEPTIC RESERVE AREA WAS FIELD SURVEYED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT MAY, 2015.
- THE EXISTING WELL SHOWN (TAG #HO-17-0008) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. IN FEBRUARY 2017 AND IS ACCURATELY SHOWN.
- EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- ANY CHANGES TO THE LOCATION OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM EARTH COVER OVER THE SEPTIC TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- PER HOWARD COUNTY HEALTH DEPT APPROVAL, MDE AGREES THAT THE SEPTIC RESERVE AREA STILL HAS A VARIANCE; BUT IF THE 1ST SYSTEM IS INSTALLED AS SHOWN ON THE APPROVED PERCOLATION CERTIFICATION PLAN, THEN THE CONDITIONS OF BAT UNIT AND LPD DRAINFIELD WILL NOT BE REQUIRED AT THIS TIME. AT THE TIME THAT THE 2ND REPLACEMENT SYSTEM IS REQUIRED AS SHOWN ON THIS PLAN, THE CONDITIONS OF THE VARIANCE WILL NEED TO BE COMPLIED WITH.

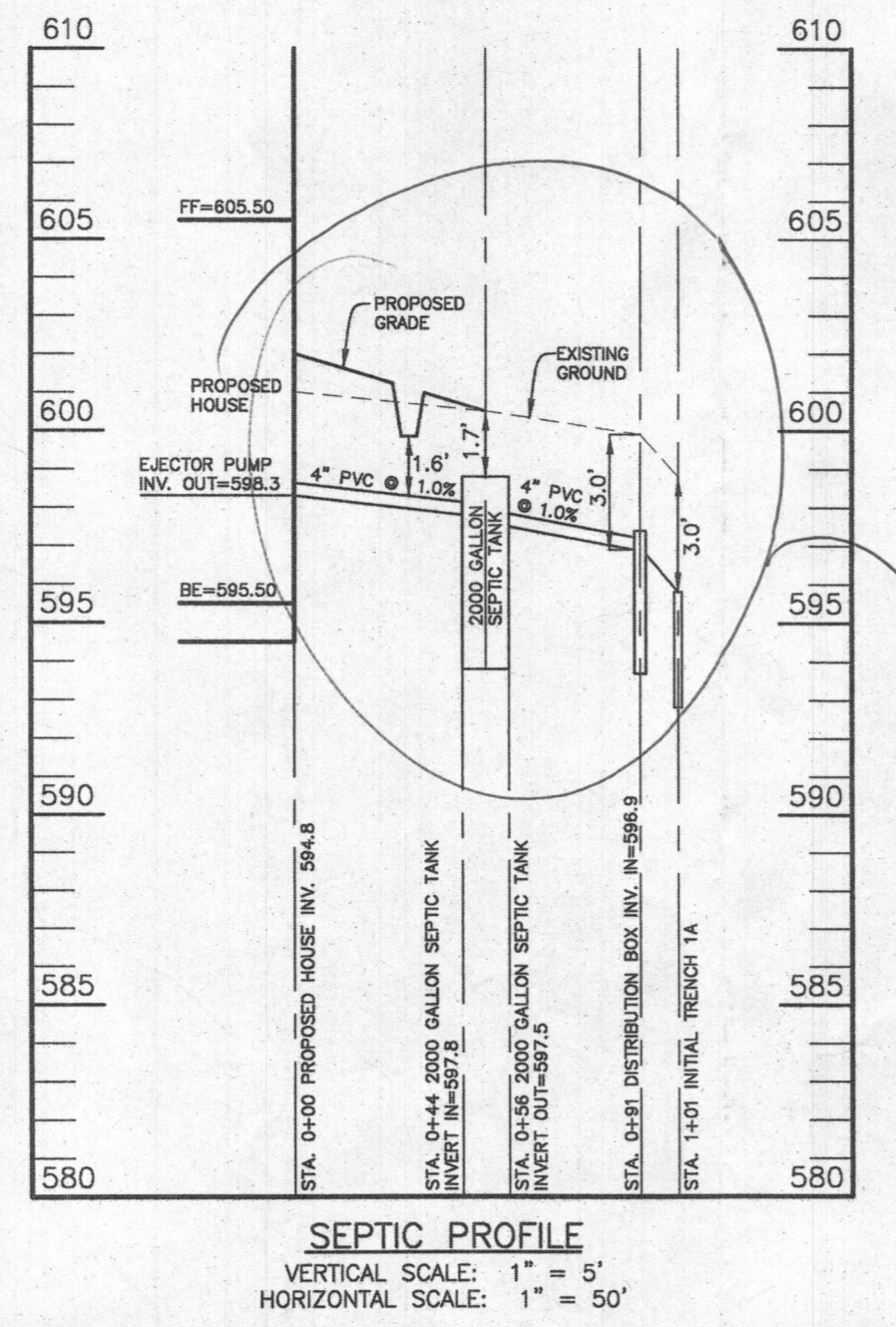
INITIAL SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	4	ft
Bottom Max Depth	7	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall reduction credit	0.5	
Trench width	3	
Effective Area Depth	3	
Linear Length of trench Required	156	lf

1ST REPAIR SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	4	ft
Bottom Max Depth	5.5	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall reduction credit	0.5	
Trench width	3	
Effective Area Depth	3	
Linear Length of trench Required	156	lf

2ND REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	4	ft
Bottom Max Depth	4	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall reduction credit	0.5	
Trench width	3	
Effective Area Depth	3	
Linear Length of trench Required	156	lf

TRENCH INFORMATION	
INITIAL TRENCH LENGTH(1A): 52'	
GROUND ELEVATION: 599.8	
INVERT ELEVATION: 595.8	
MAX. ELEVATION: 592.8	
INITIAL TRENCH LENGTH(1B): 52'	
GROUND ELEVATION: 598.8	
INVERT ELEVATION: 594.8	
MAX. ELEVATION: 591.8	
INITIAL TRENCH LENGTH(1C): 52'	
GROUND ELEVATION: 597.8	
INVERT ELEVATION: 593.8	
MAX. ELEVATION: 590.8	
1ST REPAIR TRENCH LG.(2A): 52'	
GROUND ELEVATION: 598.2	
INVERT ELEVATION: 594.2	
MAX. ELEVATION: 592.2	
1ST REPAIR TRENCH LG.(2B): 52'	
GROUND ELEVATION: 597.7	
INVERT ELEVATION: 593.7	
MAX. ELEVATION: 592.2	
1ST REPAIR TRENCH LG.(2C): 52'	
GROUND ELEVATION: 597.2	
INVERT ELEVATION: 593.2	
MAX. ELEVATION: 591.7	

SEPTIC DATA	
INV. OUT OF HOUSE	598.3±
BASEMENT ELEVATION	595.5±
GRADE @ HOUSE INV.	602.0±
GROUND OVER SEPTIC TANK	600.5±
TOP OF SEPTIC TANK	598.8±
INV. IN TANK	597.8±
INV. OUT SEPTIC TANK	597.5±
GROUND AT DIST BOX	599.9±
INV. INTO DIST. BOX	596.9±
INV. OUT OF DIST BOX	596.8±



note must be sent before release by the building permit less than 10%

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Michael C. Riedel
PLAN PREPARER
MICHAEL C. RIEDEL
FOR BENCHMARK ENGINEERING INC.

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

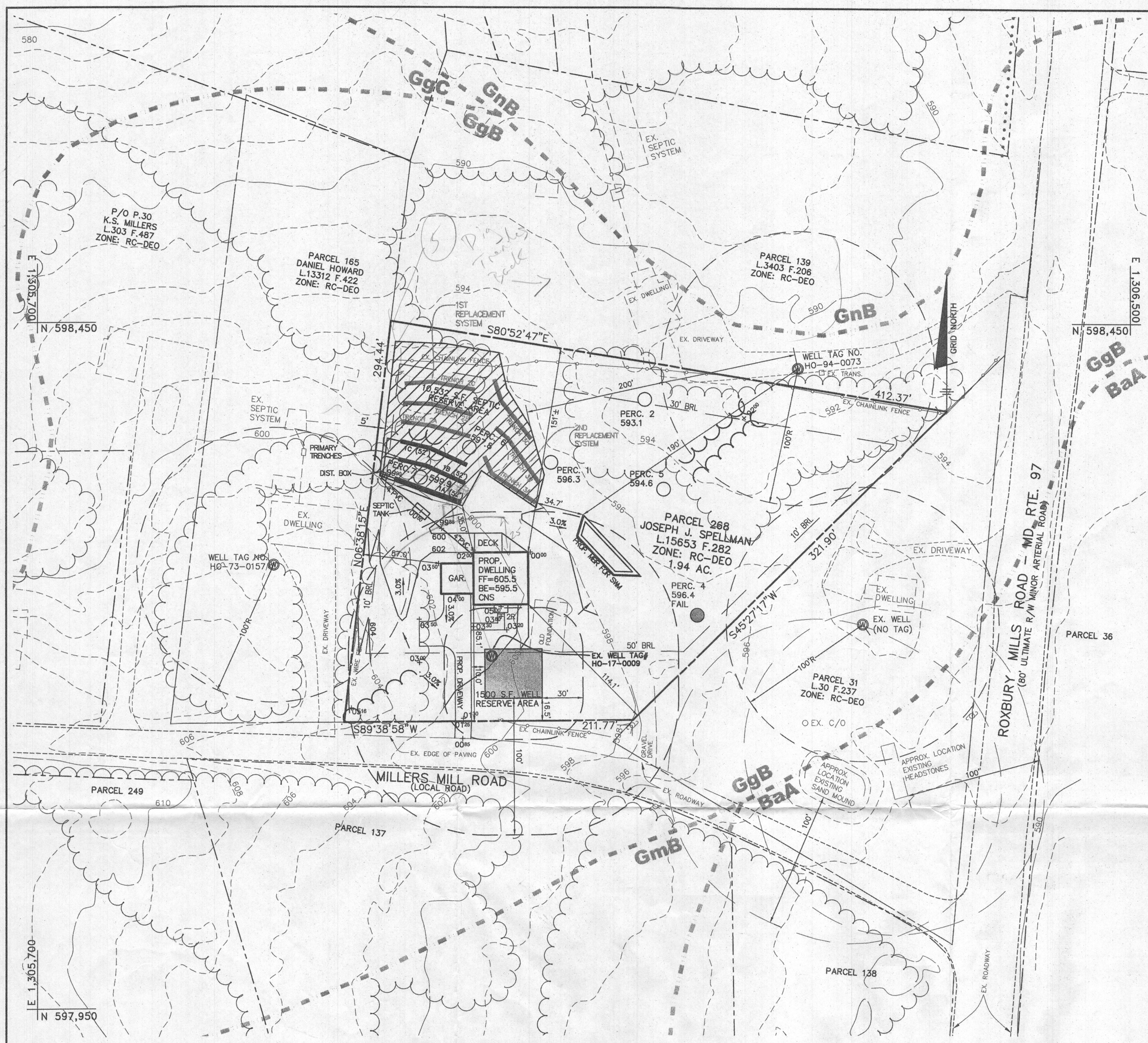
NO.	DATE	REVISION

Correct
Approved
Plan
no B&E needed
3/22/17
3/22/17

BENCHMARK ENGINEERING, INC.
ENGINEERS • LAND SURVEYORS • PLANNERS
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLICOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644
WWW.BEI-CIVILENGINEERING.COM

Approved Septic System Plan
Howard County Health Department
Signature: _____ Date: 3/22/17

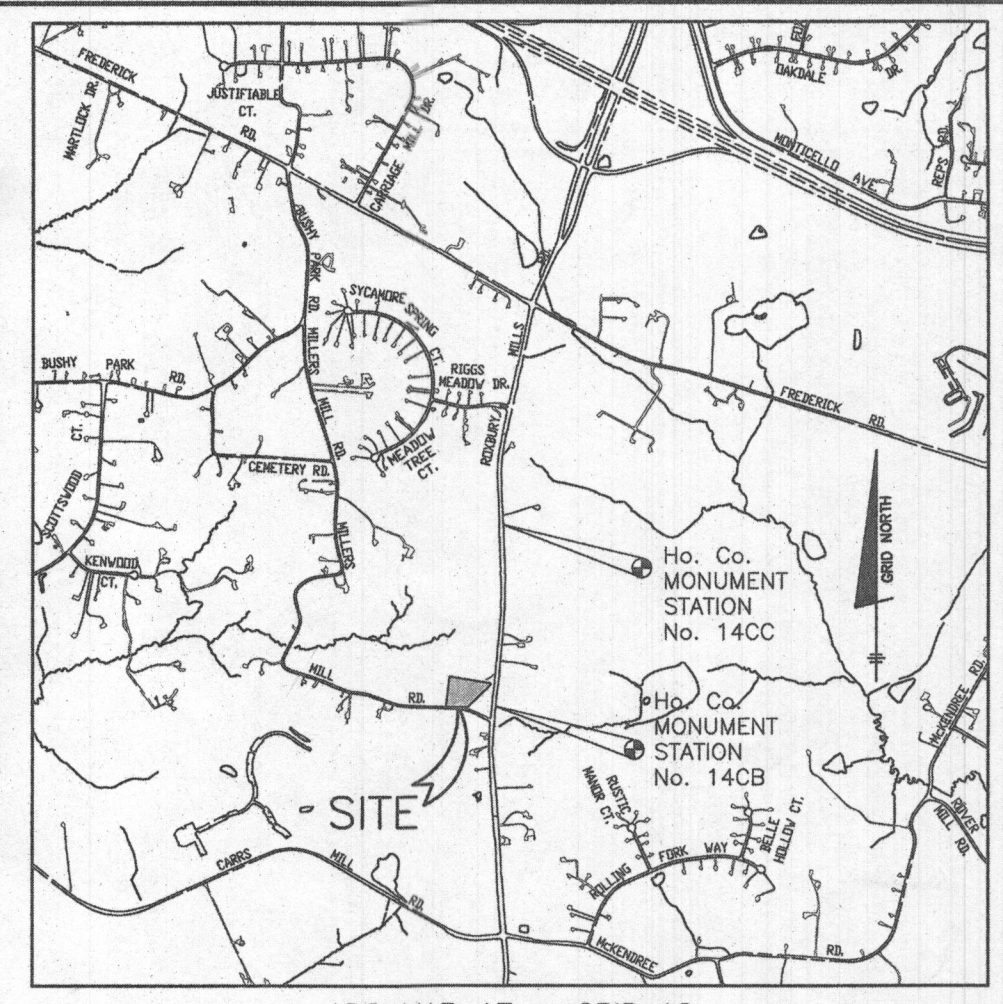
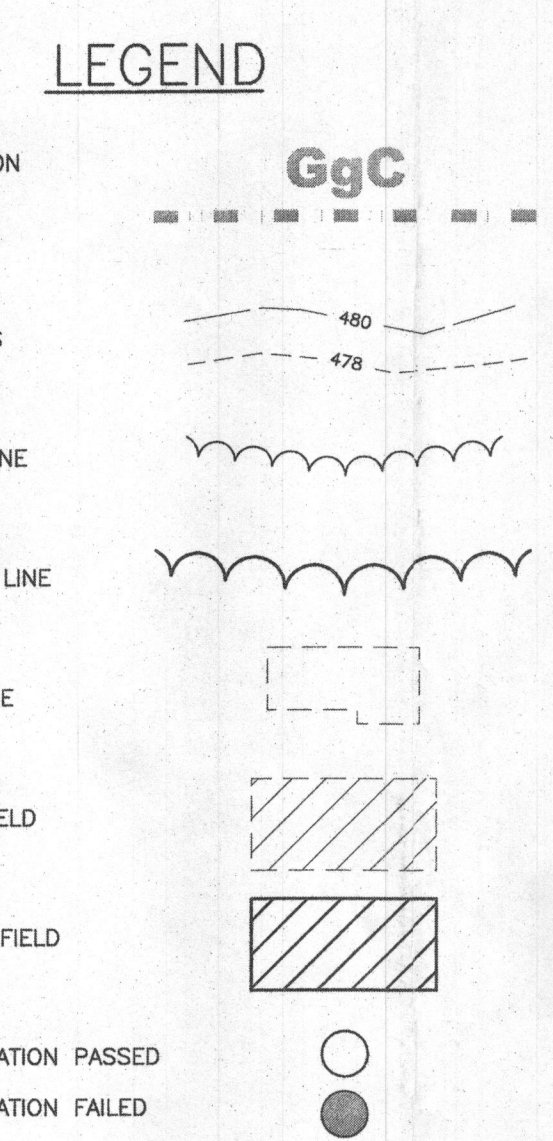
OWNER/DEVELOPER: JOSEPH J. SPELLMAN 18000 HIGHFIELD ROAD ASHTON, MARYLAND 20861 PHONE: 301-661-6413	PROJECT: SPELLMAN PROPERTY 2425 MILLERS MILL ROAD COOKSVILLE, MD 21723
LOCATION: TAX MAP: 14 / GRID: 004 PARCEL: 0268 / ZONE: RC-DEO 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	TITLE: ONSITE SEWERAGE DISPOSAL SYSTEM DESIGN PLAN
DATE: FEBRUARY 21, 2017	PROJECT NO. 2648
Design: MCR Draft: MCR Check: JMC	SCALE: AS SHOWN DRAWING 1 OF 1



SOILS LEGEND

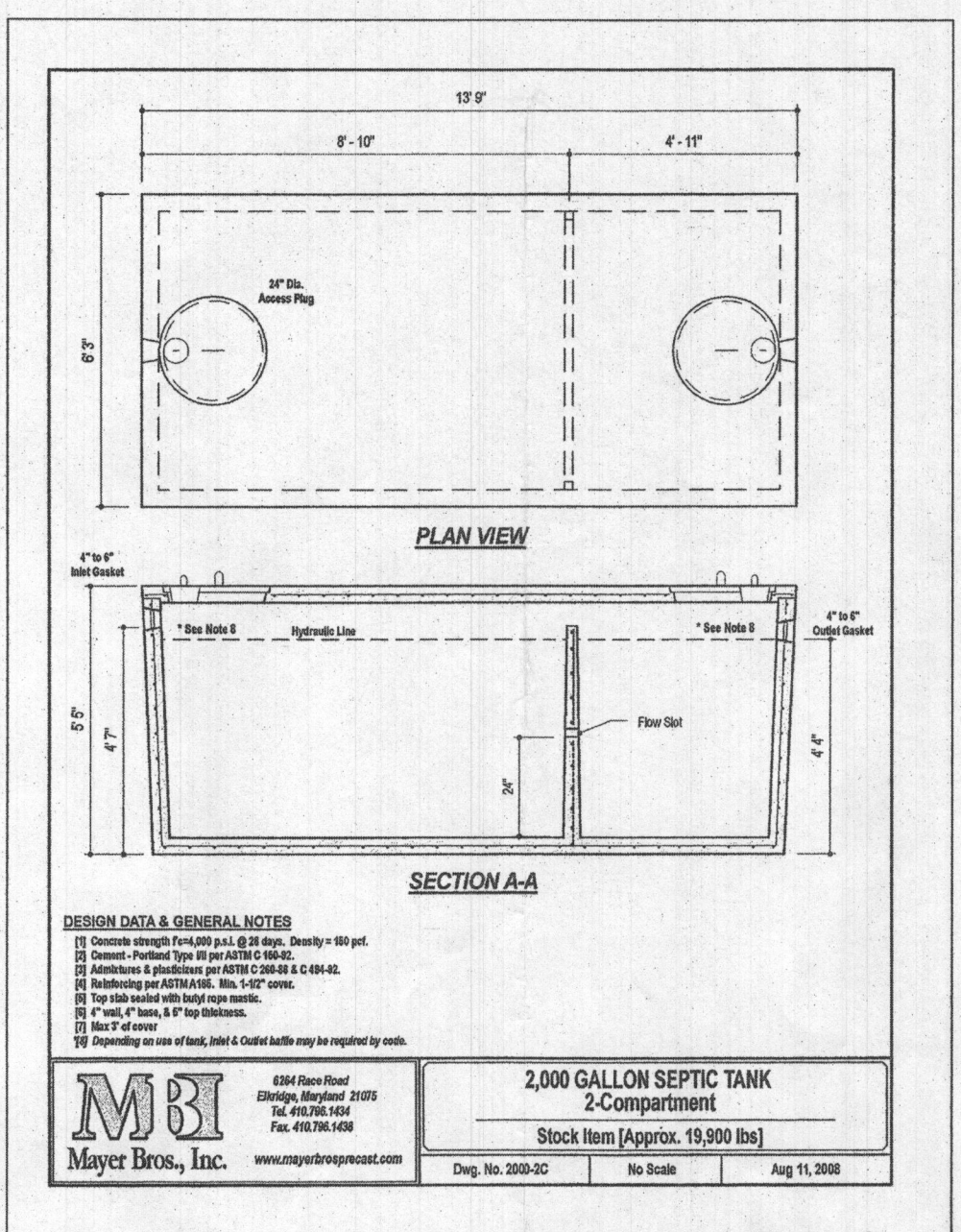
MAP SYMBOL	SOIL GROUP	K-VALUE	SOIL TYPE
GgB	B	0.20	GLENELG LOAM, 3 TO 8 PERCENT SLOPES
GnB	C	0.37/0.32	GLENVILLE-BAILE SILT LOAM, 0 TO 8 PERCENT SLOPES
GmB	C	0.37	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES
Baa*	D	0.32	BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES

FROM NATURAL RESOURCES CONSERVATION SERVICES WEB SOIL SURVEY 2.0
* HYDRIC SOILS



BENCHMARK INFORMATION NAD83

Ho. Co. STATION 14CB STAMPED DISC SET ON TOP OF CONCRETE COLUMN 3.2' EAST OF THE EDGE OF PAVING OF MD ROUTE 97 AND 92.7' SOUTH OF B&E POLE No. 526413/C&P POLE No.18 NORTHING: 598079.769' EASTING: 1306428.226' ELEVATION: 590.999'	Ho. Co. STATION 14CC STAMPED DISC SET ON TOP OF CONCRETE COLUMN 9.4' EAST OF THE EDGE OF PAVING FOR MD ROUTE 97 AND 28.1' NORTH OF C&P POLE No.11 NORTHING: 599950.258' EASTING: 1306517.766' ELEVATION: 602.899'
--	---



GENERAL NOTES

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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. RECORDED OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT. THE LOT SIZE FOR THIS LOT FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY'S BOUNDARIES EXCEPT THAT WHICH ARE SHOWN. IT IS OUR UNDERSTANDING THAT THERE WAS AN EXISTING WELL ON-SITE THAT WAS PROPERLY ABANDONED IN ACCORDANCE WITH HO.CO. HEALTH DEPT REGULATIONS.
- THE EXISTING TOPOGRAPHY SHOWN IS TAKEN FROM HOWARD COUNTY GIS AND SUPPLEMENTED WITH FIELD-RUN TOPOGRAPHY PERFORMED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT JANUARY, 2015; CONTOUR ARE AT TWO-FOOT INTERVALS.
- TRACT OUTLINE WAS ESTABLISHED BY FIELD WORK PERFORMED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT JANUARY, 2015. TOPOGRAPHY FOR THE SEPTIC RESERVE AREA WAS FIELD SURVEYED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT MAY, 2015.
- THE EXISTING WELL SHOWN (TAG #HO-17-0009) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. IN FEBRUARY 2017 AND IS ACCURATELY SHOWN.
- EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- ANY CHANGES TO THE LOCATION OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM EARTH COVER OVER THE SEPTIC TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- PER HOWARD COUNTY HEALTH DEPT APPROVAL, MDC AGREES THAT THE SEPTIC RESERVE AREA AREA STILL HAS A VARIANCE; BUT IF THE 1ST SYSTEM IS INSTALLED AS SHOWN ON THE APPROVED PERCOLATION CERTIFICATION PLAN, THEN THE CONDITIONS OF BAT UNIT AND LPD DRAINFIELD WILL NOT BE REQUIRED AT THIS TIME. AT THE TIME THAT THE 2ND REPLACEMENT SYSTEM IS REQUIRED AS SHOWN ON THIS PLAN, THE CONDITIONS OF THE VARIANCE WILL NEED TO BE COMPLIED WITH.

INITIAL SYSTEM

Number of Bedrooms	5
Application Rate	0.8 gpd/sf
Effective Area Beginning Depth	4 ft
Bottom Max Depth	7 ft
Design Flow	750 gpd
Drainage Field square footage	937.5 sf
Sidewall reduction credit	0.5
Trench width	3
Effective Area Depth	3
Linear Length of trench Required	156 lf

1ST REPAIR SYSTEM

Number of Bedrooms	5
Application Rate	0.8 gpd/sf
Effective Area Beginning Depth	4 ft
Bottom Max Depth	5.5 ft
Design Flow	750 gpd
Drainage Field square footage	937.5 sf
Sidewall reduction credit	0.5
Trench width	3
Effective Area Depth	3
Linear Length of trench Required	156 lf

2ND REPLACEMENT SYSTEM

Number of Bedrooms	5
Application Rate	0.8 gpd/sf
Effective Area Beginning Depth	4 ft
Bottom Max Depth	4 ft
Design Flow	750 gpd
Drainage Field square footage	937.5 sf
Sidewall reduction credit	0.5
Trench width	3
Effective Area Depth	3
Linear Length of trench Required	156 lf

TRENCH INFORMATION

INITIAL TRENCH LENGTH(1A): 52'
GROUND ELEVATION: 599.8
INVERT ELEVATION: 595.8
MAX. ELEVATION: 592.8

INITIAL TRENCH LENGTH(1B): 52'
GROUND ELEVATION: 598.8
INVERT ELEVATION: 594.8
MAX. ELEVATION: 591.8

INITIAL TRENCH LENGTH(1C): 52'
GROUND ELEVATION: 597.8
INVERT ELEVATION: 593.8
MAX. ELEVATION: 590.8

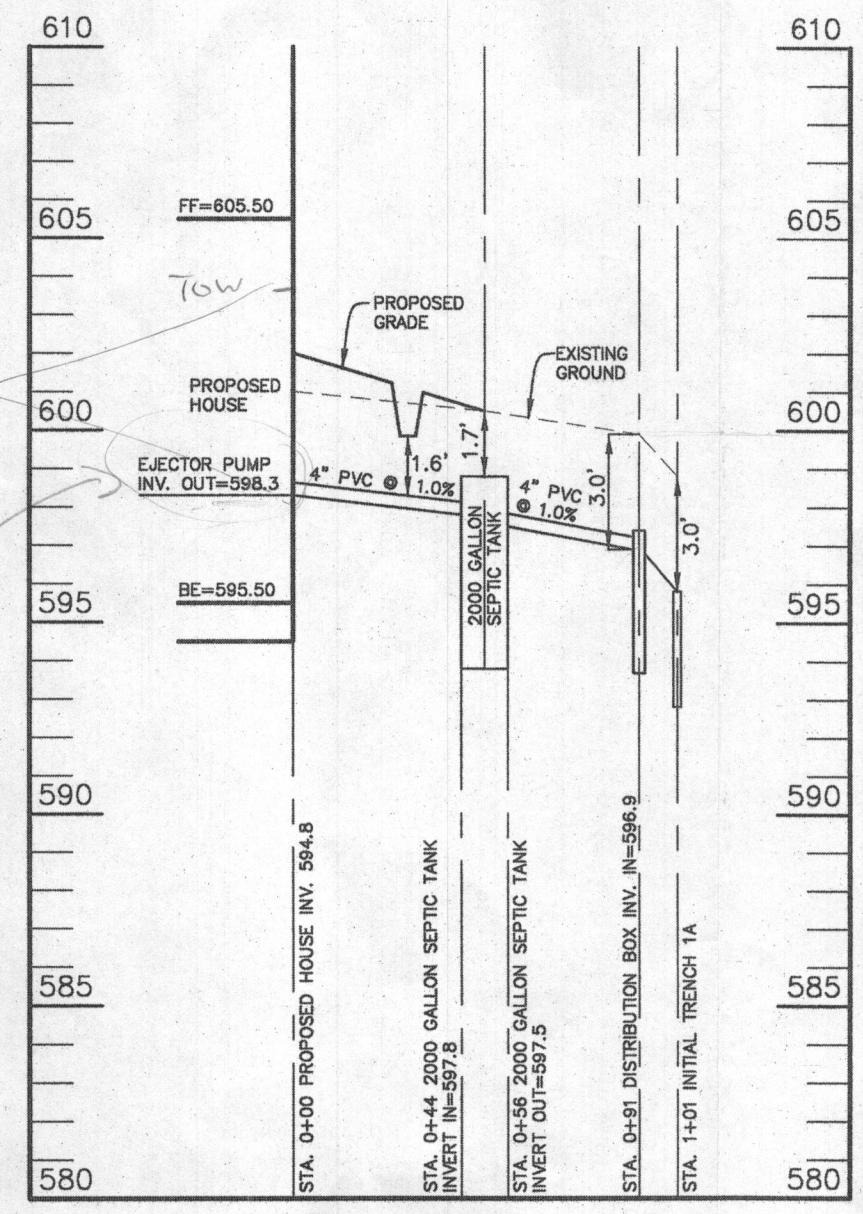
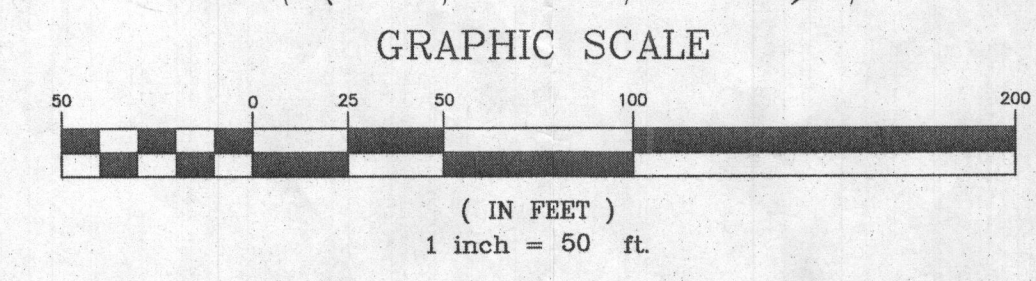
1ST REPAIR TRENCH LG.(2A): 52'
GROUND ELEVATION: 598.2
INVERT ELEVATION: 594.2
MAX. ELEVATION: 592.2

1ST REPAIR TRENCH LG.(2B): 52'
GROUND ELEVATION: 597.7
INVERT ELEVATION: 593.7
MAX. ELEVATION: 592.2

1ST REPAIR TRENCH LG.(2C): 52'
GROUND ELEVATION: 597.2
INVERT ELEVATION: 593.2
MAX. ELEVATION: 591.7

SEPTIC DATA

INV. OUT OF HOUSE	598.3±
BASEMENT ELEVATION	595.5±
GRADE @ HOUSE INV.	602.0±
GROUND OVER SEPTIC TANK	600.5±
TOP OF SEPTIC TANK	598.8±
INV. IN TANK	597.8±
INV. OUT SEPTIC TANK	597.5±
GROUND AT DIST BOX	599.9±
INV. INTO DIST. BOX	596.9±
INV. OUT OF DIST BOX	596.8±



- Notes:
- check well
 - verify S&A
 - ie. measure at house, at two ends
 - scale off 100' at well area -> tank must be 100' (25' off house)
 - verify show @ house. Hang curer approx. 6' below TOW
 - location of sewer out at house
 - short. Elevation for pipe fall from house
 - start to check existing for trench

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PLAN PREPARER:
MICHAEL C. RIEDEL
FOR BENCHMARK ENGINEERING INC.

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

NO.	DATE	REVISION

BENCHMARK ENGINEERING, INC.
ENGINEERS & LAND SURVEYORS & PLANNERS
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644
WWW.BEI-CMENGINEERING.COM

Approved Septic System Plan
Howard County Health Department
Dana Bewald 3-28-17
Signature Date

OWNER/DEVELOPER: JOSEPH J. SPELLMAN
18000 HIGHFIELD ROAD
ASHTON, MARYLAND 20861
PHONE: 301-661-6413

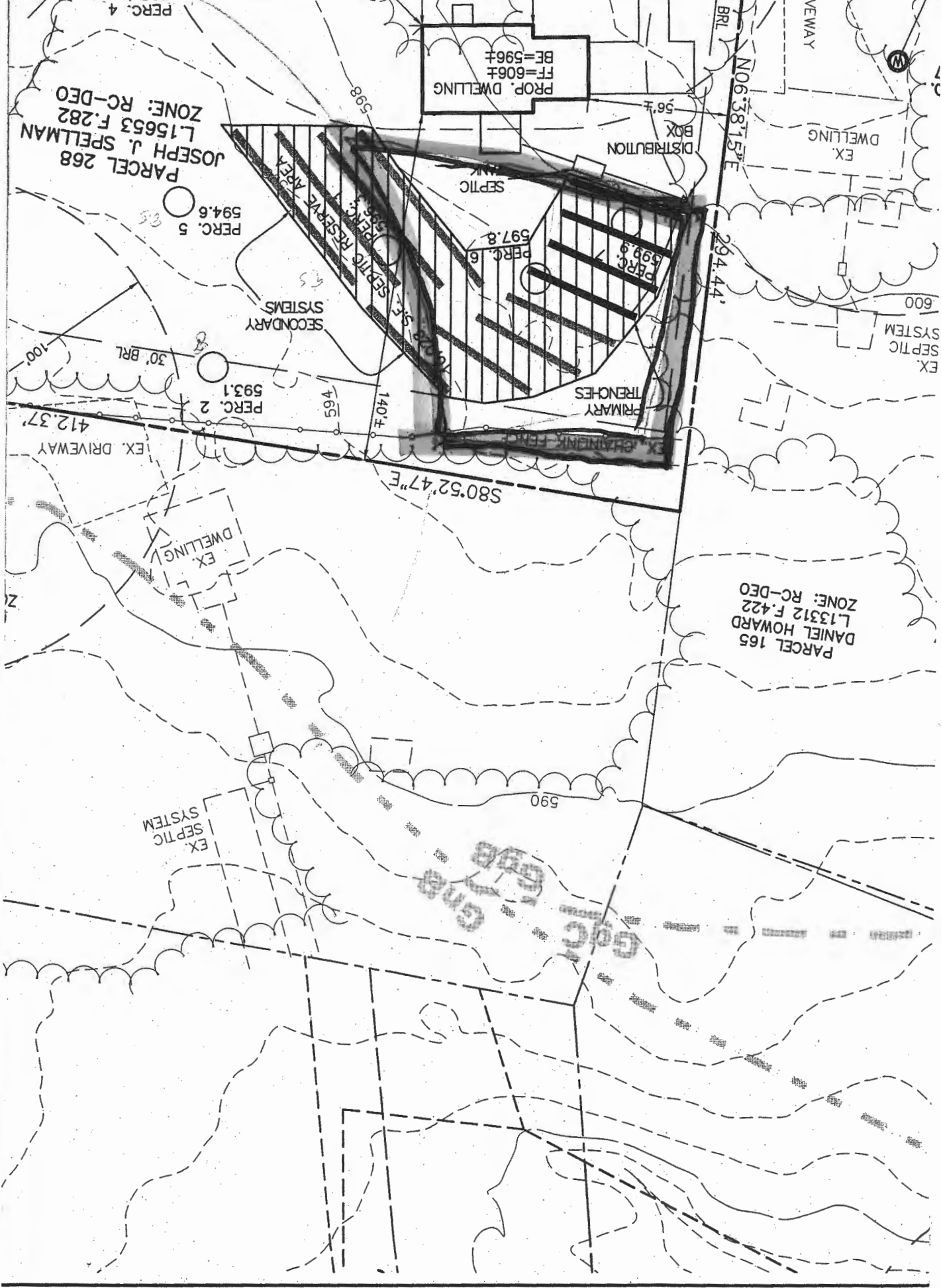
PROJECT: SPELLMAN PROPERTY
2425 MILLERS MILL ROAD
COOKSVILLE, MD 21723

LOCATION: TAX MAP: 14 / GRID: 004
PARCEL: 0288 / ZONE: RC-DEO
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: ONSITE SEWERAGE DISPOSAL SYSTEM DESIGN PLAN

DATE: FEBRUARY 21, 2017 PROJECT NO. 2648

Design: MCR Draft: MCR Check: JMC SCALE: AS SHOWN DRAWING 1 OF 1



PROP. DWELLING
FF=606±
BE=596±

PARCEL 268
JOSEPH J. SPELLMAN
L.15653 F.282
ZONE: RC-DEO

PARCEL 165
DANIEL HOWARD
L.13312 F.422
ZONE: RC-DEO

PERC. 4
596.4

PERC. 5
594.6

PERC. 2
593.1

PERC. 6
597.8

PERC. 9
599.9

30' BRL
100'

EX. DRIVEWAY
412.37'

S80°52'47"E

294.44'

N06°38'15"E

SECONDARY
SYSTEMS

PRIMARY
TRENCHES

EX
SEPTIC
SYSTEM

EX
DWELLING

EX
DWELLING

EX
SEPTIC
SYSTEM

DISTRIBUTION
BOX

RIVEWAY

W

590

598

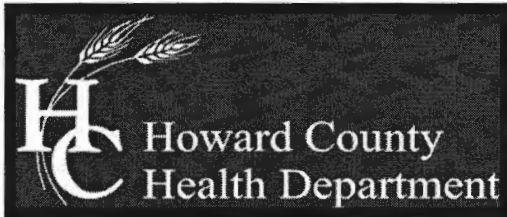
594

140 F.

56 F.

600

Gpc
Gpb
Gpa



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 2425 Millers Mill

Subdivision: Lot:

Table with 4 columns: Replacement type, Application rate, Effective area beginning depth, Bottom maximum depth. Values are handwritten: 0.8, 4, 7 for initial; 0.8, 4, 5.5 for 1st; 0.8, 4, 4 for 2nd.

Design Flow = 150 gallons per day per bedroom

Design flow + application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage + trench width

Sidewall reduction credit formula:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
All trenches must be on contour
Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit.
Additional spacing may be necessary for any trench using over 3.5' of effective sidewall.
In those cases, the spacing formula is 2D +W up to a maximum spacing of 18'.
Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
Maximum trench length is 100'
Maximum pipe depth is 4'

Additional requirements:

1st system - left of hole 6 - no lower than 598 elevation
2nd system - below 1st system left of hole 6

Approved: [Signature] Date: 6/22/15

Design Calculations **PRIMARY**

Design Input:

Capacity requirements

number of lots	1
bedrooms per lot	6
use rate per bedroom	150 gpd

Drainfield Requirements

Application Rate	0.8 gpd/sq ft
Trench width	3 ft
trench gravel depth	3 ft
number of trenches	4
min. trench spacing c-c	13.0 ft

Tanks and Capacities

BAT tank	1,500	gallons
2nd settling tank	NA	gallons
Equalization Tank	NA	gallons
pump tank size	2,000	gallons

Calculations:

Max. Daily Flow	900 gpd
Average Daily Flow	450 gpd
Maximum Daily Flow	0.63 gpm
Average Daily Flow	0.31 gpm
Standard Trench Length	375.00 ft
Deep Trench Conversion Factor	50.00 %
Deep Trench Length for MDF	187.50 ft
total trench length for 100% capacity	187.50 ft
individual trench length	46.9 ft
Approx. Lateral Length	41.88 ft
minimum req. area	2250 sf
req. capacity (1125+(0.75*MDF))	1800 gal.
design settling capacity	NA gal.
min. pump tank capacity (ADF)	550 gal.

Design Calculations **SECONDARY**

Design Input:

Capacity requirements

number of lots	1
bedrooms per lot	6
use rate per bedroom	150 gpd

Drainfield Requirements

Application Rate	0.8 gpd/sq ft
Trench width	3 ft
trench gravel depth	3 ft
number of trenches	4
min. trench spacing c-c	13.0 ft

Tanks and Capacities

BAT tank	1,500	gallons
2nd settling tank	NA	gallons
Equalization Tank	NA	gallons
pump tank size	2,000	gallons

Calculations:

Max. Daily Flow	900 gpd
Average Daily Flow	450 gpd
Maximum Daily Flow	0.63 gpm
Average Daily Flow	0.31 gpm

Standard Trench Length	375.00 ft
Deep Trench Conversion Factor	50.00 %
Deep Trench Length for MDF	187.50 ft
total trench length for 100% capacity	187.50 ft
individual trench length	46.9 ft
Approx. Lateral Length	41.88 ft

minimum req. area	2250 sf
req. capacity (1125+(0.75*MDF))	1800 gal.
design settling capacity	NA gal.

min. pump tank capacity (ADF)	550 gal.
-------------------------------	----------

Design Calculations **SECONDARY**

Design Input:

Capacity requirements

number of lots	1
bedrooms per lot	6
use rate per bedroom	150 gpd

Drainfield Requirements

Application Rate	0.8 gpd/sq ft
Trench width	3 ft
trench gravel depth	1 ft
number of trenches	4
min. trench spacing c-c	13.0 ft

Tanks and Capacities

BAT tank	1,500	gallons
2nd settling tank	NA	gallons
Equalization Tank	NA	gallons
pump tank size	2,000	gallons

Calculations:

Max. Daily Flow	900 gpd
Average Daily Flow	450 gpd
Maximum Daily Flow	0.63 gpm
Average Daily Flow	0.31 gpm

Standard Trench Length	375.00 ft
Deep Trench Conversion Factor	83.33 %
Deep Trench Length for MDF	312.49 ft
total trench length for 100% capacity	312.49 ft
individual trench length	78.1 ft
Approx. Lateral Length	73.12 ft

minimum req. area	3749.85 sf
req. capacity (1125+(0.75*MDF))	1800 gal.
design settling capacity	NA gal.
min. pump tank capacity (ADF)	560 gal.

SEPTIC TRENCH DESIGN			
SYSTEM	TRENCH DESIGNATION	LENGTH FEET	TOTAL LENGTH FEET
1 REQ: 188	T1	47	47
	T2	47	94.0
	T3	47	141
	T4	47	188
			okay
2 REQ: 188	T5	47	47
	T6	47	94.0
	T7	47	141
	T8	47	188
			okay
3 REQ: 312	T9	78.0	78.0
	T10	78.0	156.0
	T11	78.0	234.0
	T12	78.0	312.0
			okay

TOTAL REQUIRED:	687 l.f.
TOTAL PROVIDED:	688 l.f.

Real Property Data Search (w1)

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption			View GroundRent Registration					
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Account Identifier:		District - 04 Account Number - 322932								
Owner Information										
Owner Name:		MILES MERLE MILES TREVA T/E		Use:		RESIDENTIAL				
Mailing Address:		2427 MILLERS MILL RD COOKSVILLE MD 21723-9401		Principal Residence:		YES				
				Deed Reference:		/05971/ 00001				
Location & Structure Information										
Premises Address:		2427 MILLERS MILL RD COOKSVILLE 21723-0000		Legal Description:		4.9815 A. 2427 MILLERS MILL RD COOKSVILLE				
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	
0014	0004	0030		0000				2017	Plat Ref: 5971/1	
Special Tax Areas:				Town:		NONE				
				Ad Valorem:		100				
				Tax Class:						
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use		
1963		1,632 SF				4.9815 AC				
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation				
1	NO	STANDARD UNIT	SIDING	2 full	1 Carport					
Value Information										
			Base Value	Value	Phase-in Assessments					
				As of	As of		As of			
				01/01/2017	07/01/2017		07/01/2018			
Land:		247,300		234,800						
Improvements		55,000		97,800						
Total:		302,300		332,600		312,400		322,500		
Preferential Land:		0						0		
Transfer Information										
Seller: MILES KATIE S			Date: 02/05/2002			Price: \$135,000				
Type: NON-ARMS LENGTH OTHER			Deed1: /05971/ 00001			Deed2:				
Seller:			Date:			Price:				
Type:			Deed1:			Deed2:				
Seller:			Date:			Price:				
Type:			Deed1:			Deed2:				
Exemption Information										
Partial Exempt Assessments:		Class		07/01/2017		07/01/2018				
County:		000		0.00						
State:		000		0.00						
Municipal:		000		0.00 0.00		0.00 0.00				
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Homestead Application Information										
Homestead Application Status: Approved 05/02/2011										
Homeowners' Tax Credit Application Information										

Real Property Data Search (w2)

Guide to searching the database

Search Result for HOWARD COUNTY

View Map	View GroundRent Redemption	View GroundRent Registration				
Account Identifier:		District - 04 Account Number - 322932				
Owner Information						
Owner Name:	MILES MERLE MILES TREVA T/E	Use: Principal Residence: RESIDENTIAL Deed Reference: /05971/ 00001				
Mailing Address:	2427 MILLERS MILL RD COOKSVILLE MD 21723-9401	YES /05971/ 00001				
Location & Structure Information						
Premises Address:	2425 MILLERS MILL RD COOKSVILLE 21723-0000	Legal Description: 4.9815 A. 2425 MILLERS MILL RD COOKSVILLE				
Map:	Grid:	Parcel:				
0014	0004	0030				
Sub District:	Subdivision:	Section:				
	0000					
Block:	Lot:	Assessment Year:				
		2014				
Plat No:	Plat Ref:	5971/ 1				
Special Tax Areas:	Town:	NONE				
	Ad Valorem:	100				
	Tax Class:					
Primary Structure Built	Above Grade Enclosed Area	Finished Basement Area	Property Land Area	County Use		
1963	1,632 SF		4.9815 AC			
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation
1	NO	STANDARD UNIT	SIDING	2 full	1 Carport	
Value Information						
	Base Value	Value	Phase-in Assessments			
		As of	As of	As of		
		01/01/2014	07/01/2014	07/01/2015		
Land:	247,300	247,300				
Improvements	20,000	55,100				
Total:	267,300	302,400	279,000	290,700		
Preferential Land:	0			0		
Transfer Information						
Seller:	MILES KATIE S	Date:	02/05/2002	Price: \$135,000		
Type:	NON-ARMS LENGTH OTHER	Deed1:	/05971/ 00001	Deed2:		
Seller:		Date:		Price:		
Type:		Deed1:		Deed2:		
Seller:		Date:		Price:		
Type:		Deed1:		Deed2:		
Exemption Information						
Partial Exempt Assessments:	Class		07/01/2014	07/01/2015		
County:	000		0.00			
State:	000		0.00			
Municipal:	000		0.00 0.00	0.00 0.00		
Tax Exempt:		Special Tax Recapture:				
Exempt Class:		NONE				
Homestead Application Information						
Homestead Application Status: Approved 05/02/2011						

1. This screen allows you to search the Real Property database and display property records.
2. Click [here](#) for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.

Homeowners' Tax Credit Application Status: No Application**Date:**

1. This screen allows you to search the Real Property database and display property records.
2. Click [here](#) for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.
4. The following pages are for information purpose only. The data is not to be used for legal reports or documents. While we have confidence in the accuracy of these records, the Department makes no warranties, expressed or implied, regarding the information.

Williams, Jeffrey

From: Steven Krieg -MDE- <steven.krieg@maryland.gov>
Sent: Wednesday, August 05, 2015 10:11 PM
To: Williams, Jeffrey
Subject: Re: downgrade variance

Hadn't seen this one yet. Consider it Approved.

Yes, require lpd for initial and both repairs. Require BAT as well.

PS BAT should be always required as a condition in case that reg gets repealed.

On Wed, Aug 5, 2015 at 3:13 PM, Williams, Jeffrey <jewilliams@howardcountymd.gov> wrote:

Hi Steve. I'm not sure if you saw this and approved yet. As you can see, this one is fairly straightforward. The downgrade well is newly constructed. The interesting thing here is that it's really only the 3rd system that is upgrade based on topo. Do you want to require LPD on the initial system anyway? We already warned them that it would be a possibility. 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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