

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

AS0613

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME

PROPERTY ADDRESS 12117 FREDERICK RD

ELLICOTT CITY MD 21042-1048

STREET

TOWN

ZIP

TAX ACCOUNT # 295095

TAX MAP 16

GRID 13

PARCEL 4

LOT NO.

PROPOSED LOT SIZE (ACRES)

1.14

ZONING CATEGORY RR-DEO

TIER

PROPERTY OWNER(S) CARL & BETTY SAUNDERS

DAYTIME PHONE 443-677-3873

CELL

EMAIL

MAILING ADDRESS 16602 BUCK LANTZ RD

ELDERSBURG

MD, 21780

STREET

CITY, STATE

ZIP

APPLICANT CARL & BETTY SAUNDERS

RELATIONSHIP TO OWNER:

DAYTIME PHONE 443-677-3873

CELL

EMAIL

MAILING ADDRESS 16602 BUCK LANTZ RD

ELDERSBURG

MD, 21780

STREET

CITY, STATE

ZIP

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

PROPERTY:

- PROPERTY checkboxes: SUBDIVISION, CONSTRUCT NEW OSDS, REPAIR OR REPLACE FAILING OSDS, UPGRADE EXISTING OSDS

BUILDING:

- BUILDING checkboxes: RESIDENTIAL WITH 4 OR 5 BEDROOMS, COMMERCIAL

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR? checkboxes: YES, NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
THE APPLICATION FEE IS NON-REFUNDABLE
THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

Signature of Applicant

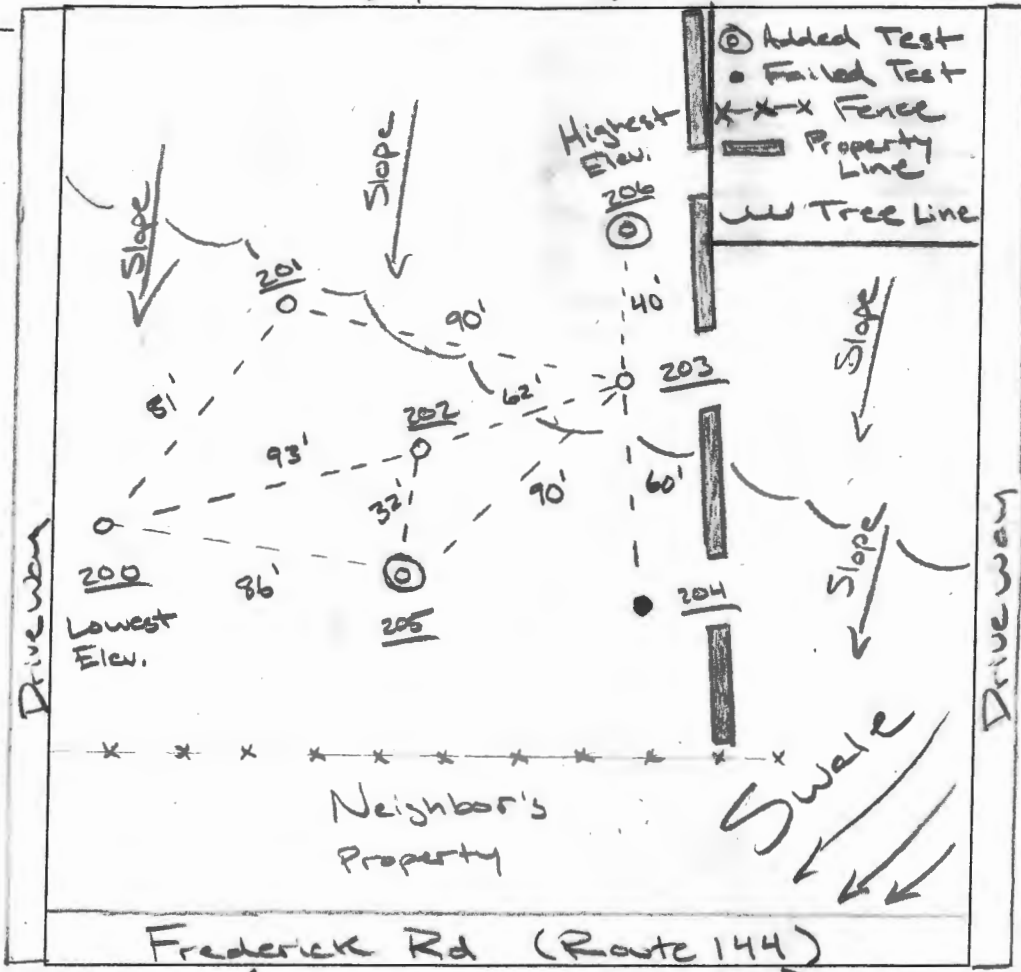
4/18/17

SIGNATURE OF APPLICANT

DATE

North

AP



Frederick Rd (Route 144)
(NOT TO SCALE)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/16/17	204	7.5 / 12	9:30	— SLOW —			F
	201	4.4 / 13	9:51	9:59	10:11	12	P
	203	6 / 13	10:05	10:07	10:11	4	P
	200	4 / 12	10:15	+ FAST —			F
	200	4 / RP	10:20	10:22	10:24	2	P
	202	6 / 12	10:39	— SLOW —			F
	202	7 / RS	11:06	11:08	11:10	2	P
	205	7 / 13	11:28	11:30	11:34	4	P
	206	12	— VISUAL —				P

REMARKS RP = Repour RS = Reshelf
 SANITARIAN RSF BACKHOE Justin OTHERS Carl Saunders
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

204
 Brun Sil
 1MSBK
 Pale Brun
 Red Brun
 SL
 Many Fine
 Mica
 Thin Roots
 1MSBK
 Red Brun
 SL
 1MSBK
 Fine Mica

201
 Pale Brun
 Red Brun
 LOAM
 2FSBK
 Red Brun
 Sil
 2FSBK
 Many Mica
 Some Channers
 Pale Brun
 Red Brun
 SL
 Thick Platy
 Fine Mica

203
 Brun Loam
 2FSBK
 Thin roots
 Red Brun
 SL
 Thin Platy
 Thin Roots
 Channery
 Layers
 Yell Brun
 Sil
 Some Roots
 Grey
 Platy

200
 Dark Brun
 Loam
 Yell Brun
 SL
 Thin Platy
 Many Fine
 Mica
 Thin Roots
 SL
 Separating
 Thin Platy
 Many Fine
 Mica

205
 Brun Loam
 Red Brun
 Sil
 2FSBK
 Yell-Red
 Sil
 Thin Platy

202
 Loam
 Red Brun
 Sil
 2FSBK
 Sil
 Platy
 20-30%
 Cobble
 Pale Brun
 SL
 Thin platy



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

Date: May 23, 2017

To: Carl & Betty Saunders
12117 Frederick Rd.
Ellicott City MD 21042-1048

16602 Buck Lantz Rd
Eldersburg, MD 21780

Re: Percolation Test Report
12117 Frederick Rd.
Ellicott City MD 21042-1048

Percolation tests were conducted at 12117 Frederick Road (Tax Map 16, Parcel 04) on May 16th 2017. Tests and profile descriptions were documented for locations 200, 201, 202, 203, 204, 205 & 206. Six out of seven test holes passed (200, 201, 202, 203, 205 & 206). All holes must be field located and accurately represented on the perc certification plan.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil condition. The area must be large enough to accommodate an initial and two replacement systems.

The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the sewage disposal area.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-6357 or by email rfreemon@howardcountymd.gov

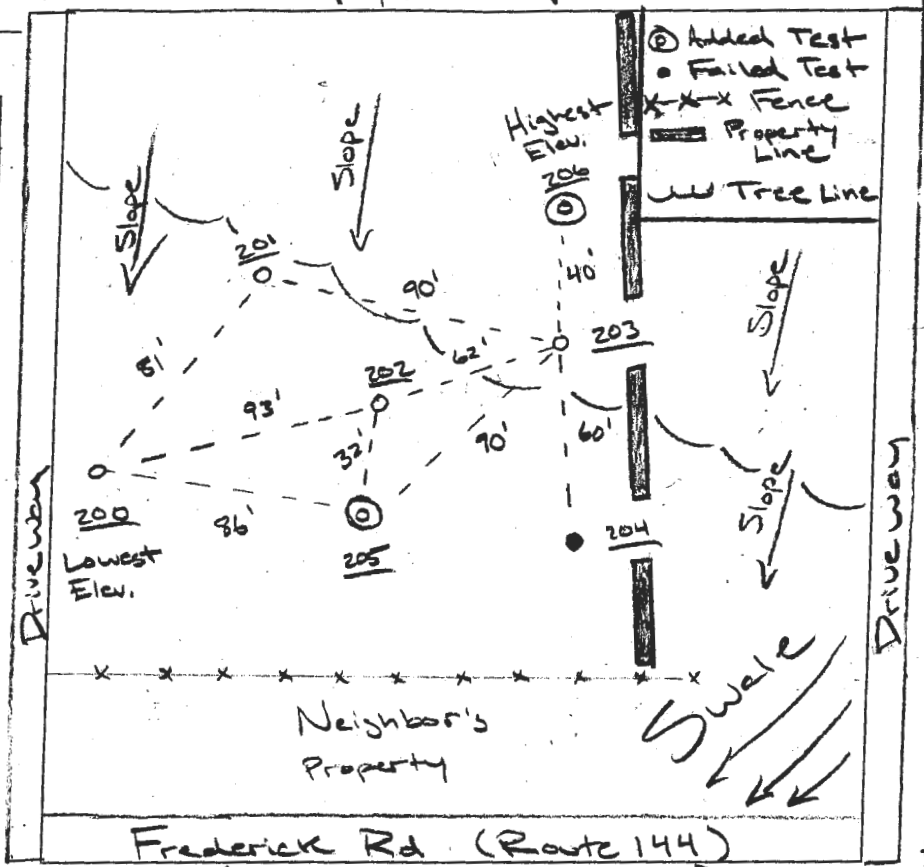
Respectfully,

Robert Freemon
Bureau of Environmental Health
Well & Septic Program

Attachment: Percolation Field Notes

North

AP



204
 Brun Sil
 1MSBK
 Pale Brun
 Red Brun
 SCL
 Many Fine
 Mica
 Thin Roots
 1MSBK
 Red Brun
 SCL
 1MSBK
 Fine Mica

201
 Pale Brun
 Red Brun
 LOAM
 2FSBK
 Red Brun
 Sil
 2FSBK
 Many Mica
 Some Changers
 Pale Brun
 Red Brun
 SCL
 Thick Platy
 Fine Mica

203
 Brun Loam
 2FSBK
 Thin roots
 Red Brun
 SCL
 Thin Platy
 Thin Roots
 Chamy Layer
 Yell Brun
 Sil
 Some Roots
 Grey
 Platy

200
 Dark Brun
 Loam
 Yell Brun
 SCL
 Thin Platy
 Many Fine
 Mica
 Thin Roots
 SL
 Saprolite
 Thin Platy
 Many Fine
 Mica

205
 Brun Loam
 Red Brun
 Sil
 2FSBK
 Yell-Red
 Sil
 Thin Platy

202
 Loam
 Red Brun
 Sil
 2FSBK
 Sil
 Platy
 20-30%
 Cobble
 Pale Brun
 Sil
 Thin Platy

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/16/17	204	7.5 / 12	9:30	SLOW			F
	201	4.4 / 13	9:51	9:59	10:11	12	P
	203	6 / 13	10:05	10:07	10:11	4	P
	200	4 / 12	10:15	FAST			F
	200	4 / RP	10:20	10:22	10:24	2	P
	202	6 / 12	10:39	SLOW			F
	202	7 / RS	11:06	11:08	11:10	2	P
	205	7 / 13	11:28	11:30	11:34	4	P
	206	12	VISUAL				P

REMARKS RP = Repair RS = Reshelf
 SANITARIAN RSF BACKHOE Justin OTHERS Carl Saunders
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Oswald, Hank

From: Oswald, Hank
Sent: Monday, January 09, 2017 11:53 AM
To: 'cns1243@hotmail.com'
Subject: Perc Test Info_12117 Frederick Road_DemoRebuild
Attachments: Building Permit Application Process.pdf; Percolation Test Application.pdf; Percolation & Plan Requirements For Developed Lots.pdf

Carl Sanders:

Attached, please find information pertaining to perc testing & plan requirements for developed lots and building permit application process. I was not able to find a well or septic record for this property.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)

Real Property Data Search (w1) Guide to searching the database

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption			View GroundRent Registration				
Account Identifier:		District - 03 Account Number - 295095							
Owner Information									
Owner Name:		SAUNDERS BETTY G L/E			Use:		RESIDENTIAL		
Mailing Address:		12117 FREDERICK RD ELLCOTT CITY MD 21042-1048			Principal Residence:		YES		
					Deed Reference:		/02908/ 00392		
Location & Structure Information									
Premises Address:		12117 FREDERICK RD ELLCOTT CITY 21042-0000			Legal Description:		1.14 ACRES 12117 FREDERICK RD		
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0016	0013	0004		0000				2016	Plat Ref:
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	
1950		1,108 SF				1.1400 AC			
Stories	Basement	Type		Exterior	Full/Half Bath	Garage	Last Major Renovation		
1	NO	STANDARD UNIT		SIDING	1 full				
Value Information									
			Base Value	Value As of 01/01/2016	Phase-in Assessments As of 07/01/2016		As of 07/01/2017		
Land:			179,900	179,900					
Improvements			49,800	71,400					
Total:			229,700	251,300	236,900		244,100		
Preferential Land:			0				0		
Transfer Information									
Seller: SAUNDERS BETTY G				Date: 06/30/1993		Price: \$0			
Type: ARMS LENGTH MULTIPLE				Deed1: /02908/ 00392		Deed2:			
Seller: SAUNDERS GEORGE E NOBLE				Date: 06/30/1993		Price: \$0			
Type: NON-ARMS LENGTH OTHER				Deed1: /00000/ 00000		Deed2:			
Seller:				Date:		Price:			
Type:				Deed1:		Deed2:			
Exemption Information									
Partial Exempt Assessments:		Class		07/01/2016		07/01/2017			
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:		HOMEOWNERS TAX CREDIT							
Homestead Application Information									
Homestead Application Status: Approved 12/31/2012									

1. The information on this page is for informational purposes only. It is not intended to be used for legal or other purposes. We have confidence in



Interactive Map

Map Layers Map Legend Search

All Layers

- Base Maps & Aerial Photos
- Annotation Layers
- HoCo Base Map Layers
 - Contours 2011
 - County Boundary
 - Stream Centerline Buffer 75ft
 - Building Permits (New)
 - Scanned PDF Drawings Intern
 - Address Points
 - Street Centerline
 - Metro Property
 - Property Boundaries
- Additional Layers
- Sewer Infrastructure
- Water Infrastructure
- Study Areas
- Layer Overlays
 - Green Infrastructure - Hubs

Map Tools

20 m 100 ft

Terms of Use

76.93371, 39.29643

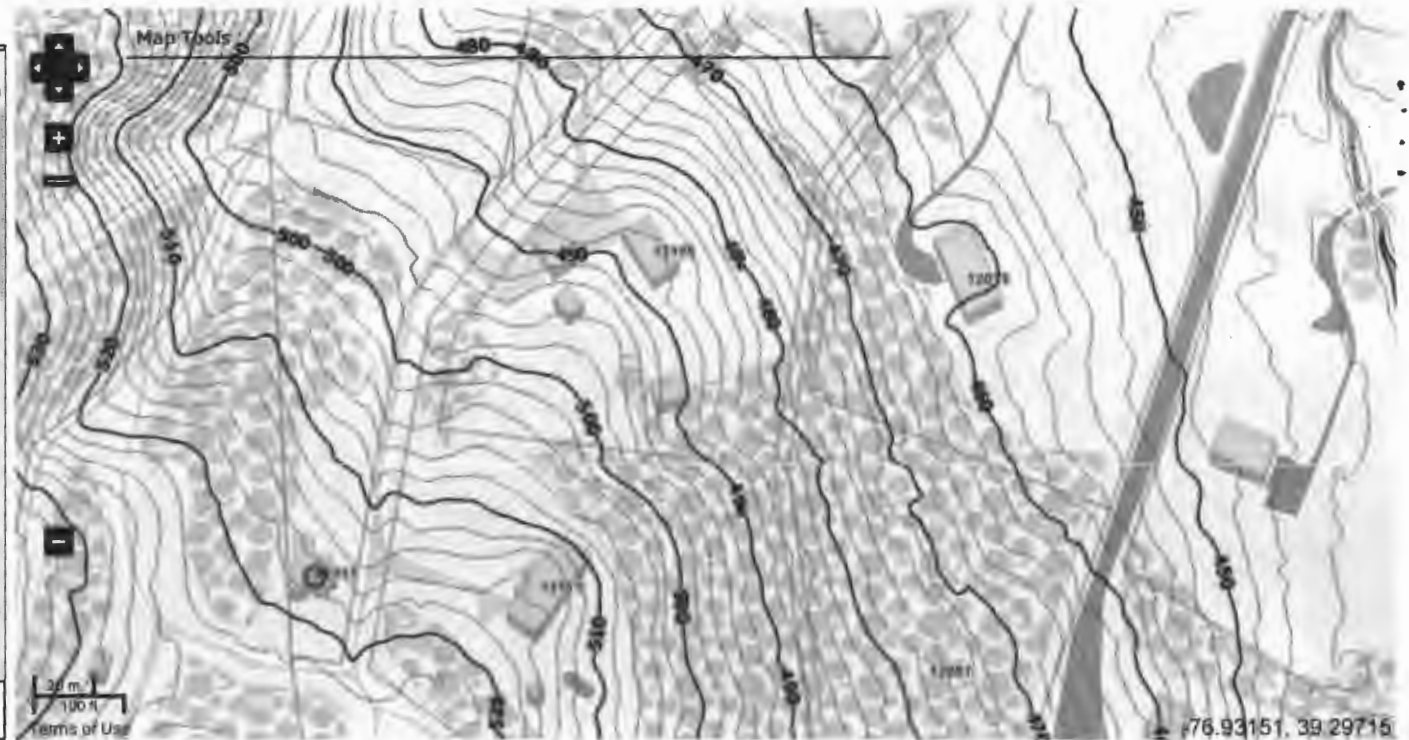


Interactive Map

Map Layers Map Legend Search

All Layers

- Base Maps & Aerial Photos
- Annotation Layers
- HoCo Base Map Layers
 - Contours 2011
 - County Boundary
 - Stream Centerline Buffer 75ft
 - Building Permits (New)
 - Scanned PDF Drawings Intern
 - Address Points
 - Street Centerline
 - Metro Property
 - Property Boundaries
- Additional Layers
- Sewer Infrastructure
- Water Infrastructure
- Study Areas
- Layer Overlays
 - Green Infrastructure - Hubs



Freemon, Robert

From: Freemon, Robert
Sent: Monday, May 01, 2017 2:31 PM
To: 'cns1243@hotmail.com'
Cc: 'Tony Fertitta'
Subject: FW: 12117 Frederick Rd.

From: Freemon, Robert
Sent: Monday, May 01, 2017 2:30 PM
To: 'cbns1243@hotmail.com'
Cc: 'Tony Fertitta'
Subject: 12117 Frederick Rd.

Hi,
I have received your perc testing application along with the fee and test plan. The days I have available for testing are the 15th and 16th. Prior to testing the perc hole locations will need to be staked and Miss Utility will need to be called. Let me know if either of these days work for you. If you have any questions let me know.

Robert Freemon
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
Well and Septic Program
Bureau of Environmental Health
Phone: 410-313-6357
Email: rfreemon@howardcountymd.gov
<https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>

16th Perc Day

23 Min DWAC

8:20 Perc

Freemon, Robert

To: drs@ramss.com
Subject: RE: (03304-97498) Saunders Property,SO - S, HCHD, WS, Rev1

Hi,
The plan looks good. The only thing I would consider changing is to shift the trenches west. Reason being if the homeowner plans on adding an additional bedroom at all in the future he may be able to upgrade the initial system to accommodate the addition instead of installing a new one. If the trenches are shifted west he may be able to add the additional trench needed (on to existing) and replace the tank to the appropriate size. If this is not of concern please send me 3 copies for a final review.

Robert "Spencer" Freemon
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
Bureau of Environmental Health
Well and Septic Program
Phone: 410-313-6357
Email: rfreemon@howardcountymd.gov
Website: <https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>

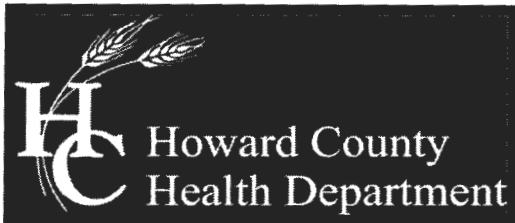
-----Original Message-----

From: DRS [<mailto:drs+proj@ramss.com>]
Sent: Wednesday, March 28, 2018 8:15 AM
To: Freemon, Robert; Myers.Ben/JAMyersHomes
Subject: (03304-97498) Saunders Property,SO - S, HCHD, WS, Rev1

Attached is the data requested. Please contact us if you have any questions.

--
DRS & Associates
52 Winters St
Westminster, MD 21157
410-848-4060 * 410-876-6040

Called Back And
Said OK to
Send Plan



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

MEMORANDUM

TO: Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, MD 21042

FROM: Robert Freemon *RIF*
Well & Septic Program

RE: 12117 Fredrick Rd.
Ellicott City MD 21042
"Perc Cert Comments"

DATE: 6/13/2017

I have reviewed the Perc Cert Plan and here are my comments.

- The SDA shall not extend passed holes 202, 203 & 205 in the Northwest direction. The SDA may extend further South closer to hole 206 and/or 25ft East from holes 200 & 201.
- Add the Note: "The existing septic system shall be pumped and properly abandoned with documentation sent to the Health Dept. prior to building permit approval."
- The existing septic system needs to be labeled "TBR".
- Purpose Statement must be added.
- A demolition release permit application must be filled out and submitted to the Health Dept. prior to building permit approval.
- Delete note 6.

From:
DRS & Associates
52 Winters Street
Westminster, MD 21157
410-848-4060 * 410-876-6040

Transmittal: 21077
Date: 2018-04-12
Project: 3304-97498
Title: Saunders Property,SO/JAMH
Re: Submittal Site Plan
Delivery: Mail/kbe

To:
Howard County Health Department
Bureau of Environmental Health, Well and Septic Program
Attn: Robert Freemon
8930 Stanford Boulevard
Columbia, MD 21045

3 Signed & Sealed Site Plan for Septic Installation (Rev 1) - Saunders Property

Mr. Freemon,

Thank you for your suggestion regarding moving the trenches to accommodate a fourth bedroom. In speaking to our client he has assured us that he has no plans of adding another bedroom and asked that we submit the plan as shown.

If you have any questions, please do not hesitate to contact me at 410-876-6040.

Sincerely,

Daniel Staley

RECEIVED

APR 17 2018

HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

✓
/DRS

c: "Myers,Ben/JAMyers" <bmyers@jamyershomes.com>

c: "Saunders, Matthew" <msaunders8326@gmail.com>

**FISHER, COLLINS
& CARTER, INC.**

CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS

Transmittal

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Howard County Health Department	Attn: Jeff
8930 Stanford Blvd	Fax:
Columbia, MD 21046	Phone:

From: Tony Fertitta	CC:
----------------------------	------------

Re: 12117 Frederick Rd	W.O.# 0639
Date: June 13, 2017	Pages: 3 Page(s) Including this cover

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input type="checkbox"/> For Review & Comment	

Remarks:

Enclosed please find 2 Paper Copies of a perc certification for 12117 Frederick Road Sheet 1 of 1 dated June 13, 2017.

if we may be of any further assistance to you, please don not hesitate to call.

Thank you,



CONFIDENTIALITY NOTICE

This transmission contains confidential information which may be legally privileged, and is intended only for the use of the individual named above. If you are not the intended recipient, you are hereby notified that any distribution (except to the intended recipient), copying, or disclosure of this transmission is strictly prohibited.

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Transmittal

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Howard County Health Department 8930 Stanford Blvd Columbia, MD 21046	Attn: Jeff Fax: Phone:
--	-------------------------------------

From: Tony Fertitta	CC:
----------------------------	-----

Re: 12117 Frederick Rd	W.O.# 0639
Date: April 18, 2017	Pages: 3 Page(s) Including this cover

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input type="checkbox"/> For Review & Comment
--

Remarks:

Enclosed please find 2 Paper Copies A Application And A check For \$506.00 for 12117 Frederick Road Sheet 1 of 1 dated March 21, 2017.

If we may be of any further assistance to you, please don not hesitate to call.

Thank you,

CONFIDENTIALITY NOTICE

This transmission contains confidential information which may be legally privileged, and is intended only for the use of the individual named above. If you are not the intended recipient, you are hereby notified that any distribution (except to the intended recipient), copying, or disclosure of this transmission is strictly prohibited.



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

MEMORANDUM

TO: Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, MD 21042

FROM: Robert Freemon RIF
Well & Septic Program

RE: 12117 Fredrick Rd.
Ellicott City MD 21042

DATE: 6/7/2017

I have reviewed the Perc Cert Plan and here are my comments.

- The SDA shall not extend passed holes 202, 203 & 205 in the Northwest direction. The SDA may extend further South closer to hole 206 and/or 25ft East from holes 200 & 201.
Add the Note: "The existing septic system shall be abandoned w/ documentation sent to the Health Dept. prior to Health signature of the final record plat."
Purpose Statement must be added.

2/20/86 Well Permit Completed HO-81-1360

Applicant ID 4641 Mayne, Ralph 273 LN

A37932 Bert Nixon

Well Depth 245

Static WL 45

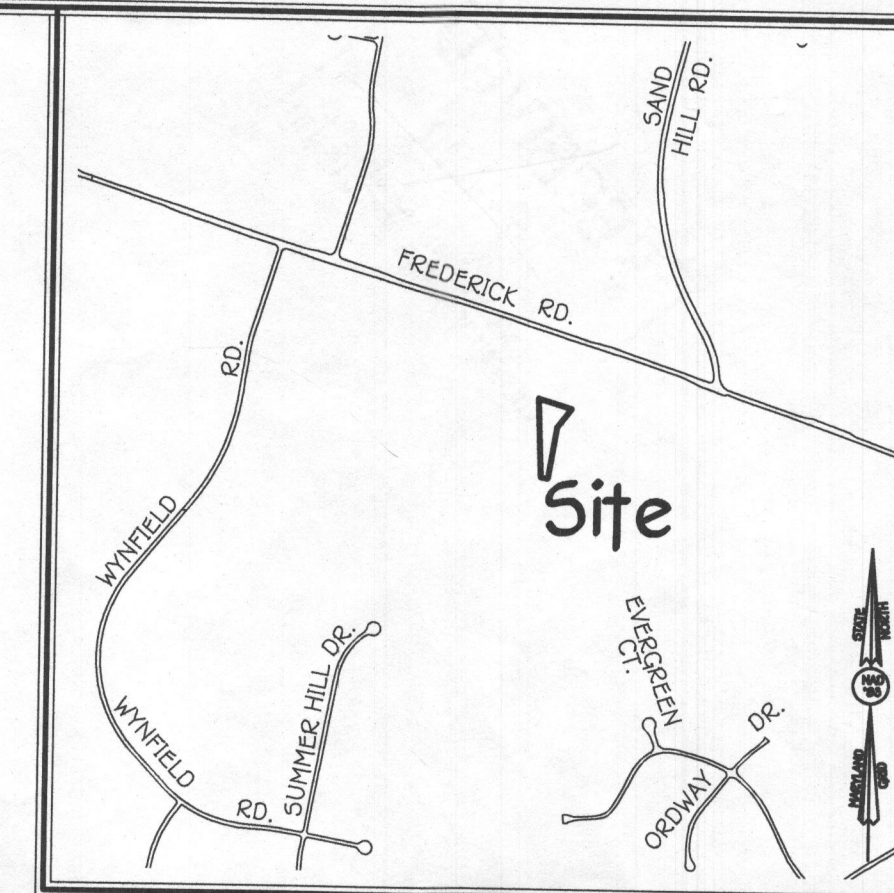
P 37932

4/22/1986 Completion Report

SOILS LEGEND

SOIL	NAME	CLASS
GqC	Galla Loam, 0 to 15 percent slopes	B
GgB	Glensig Loam, 3 to 8 percent slopes	B
GgC	Glensig Loam, 8 to 15 percent slopes	B
GqB	Glennville Codorus Silt Loam, 0 to 8 percent slopes	C

SOIL MAP NUMBER: 12, (Skykeville, 5E)

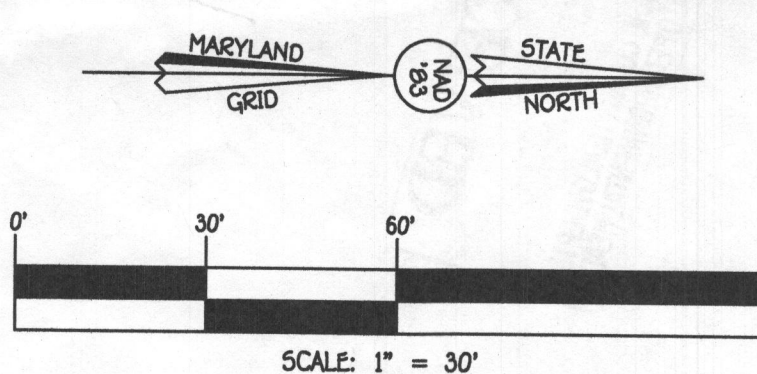


LEGEND

- EXISTING 2' CONTOURS
- - - EXISTING 10' CONTOURS
- - - EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊙ DENOTES PROPOSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.9% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPE
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

GENERAL NOTES:

- 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.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- THE EXISTING TOPOGRAPHY IS BASED ON A FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. DATED MARCH, 2017.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. DATED MARCH, 2017.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE LIBER 2908 FOLIO 392.



**PERC APPLICATION PLAT
12117 FREDERICK RD.**

ZONING: RR-DEO
 TAX MAP No. 16 GRID No. 13 PARCEL No. 04
 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: MAR. 21, 2017
 SCALE: 1" = 30'
 W/O: 00639

OWNER
 CARL SAUNDERS
 16602 BUCK LANTZ ROAD
 SABILLASVILLE MD 21780
 (443) 677-3873

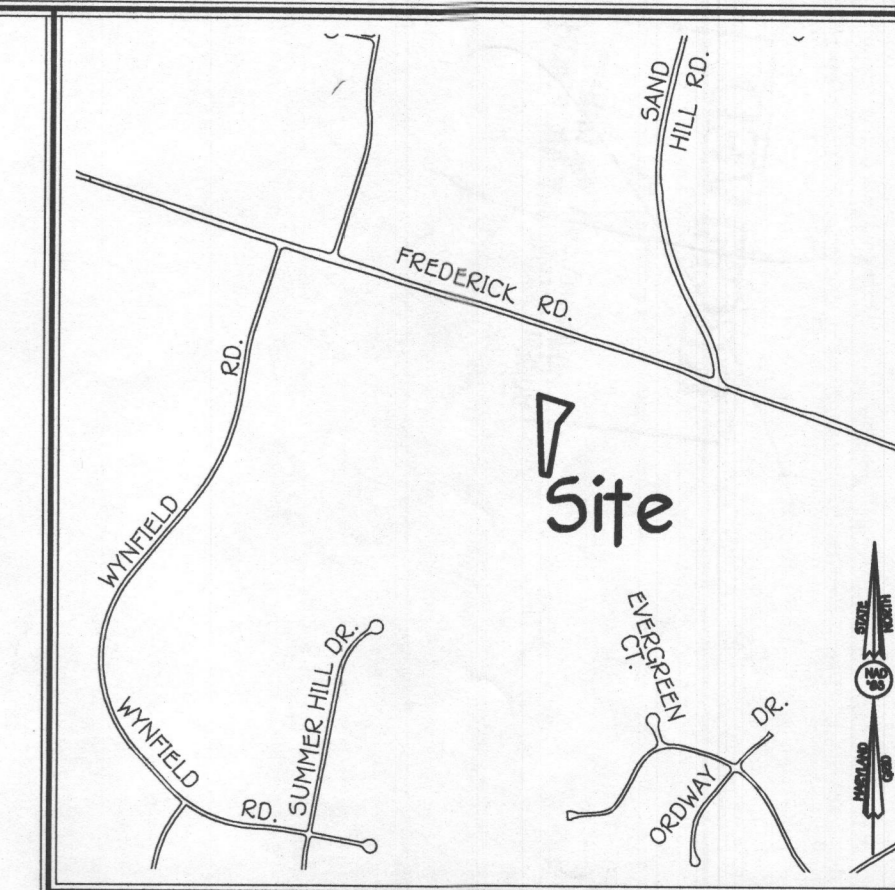
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PkE
 ELICOTT CITY, MARYLAND 21046
 (410) 461-2895

1:0001000291 Engineering\Drawings\00639 Perc Plat.dwg, 4/19/2017 6:037 AM, 11

SOILS LEGEND

SOIL	NAME	CLASS
G&C	Gaile Loam, 0 to 15 percent slopes	B
GgB	Glennig Loam, 3 to 8 percent slopes	B
GgC	Glennig Loam, 8 to 15 percent slopes	B
GoB	Glennville Codorus Silt Loam, 0 to 8 percent slopes	C

SOIL MAP NUMBER: 12, (Skykeville, 5C)



VICINITY MAP

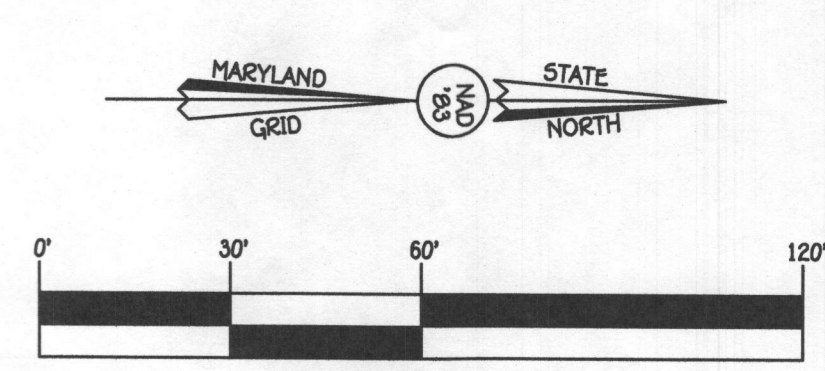
SCALE: 1" = 1200'
ADC MAP 18, GRID E4

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED PERC
- DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.5% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

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 ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. THE EXISTING TOPOGRAPHY IS BASED ON A FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. DATED MARCH, 2017.
8. BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. DATED MARCH, 2017.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCE LIBER 2908 FOLIO 392.



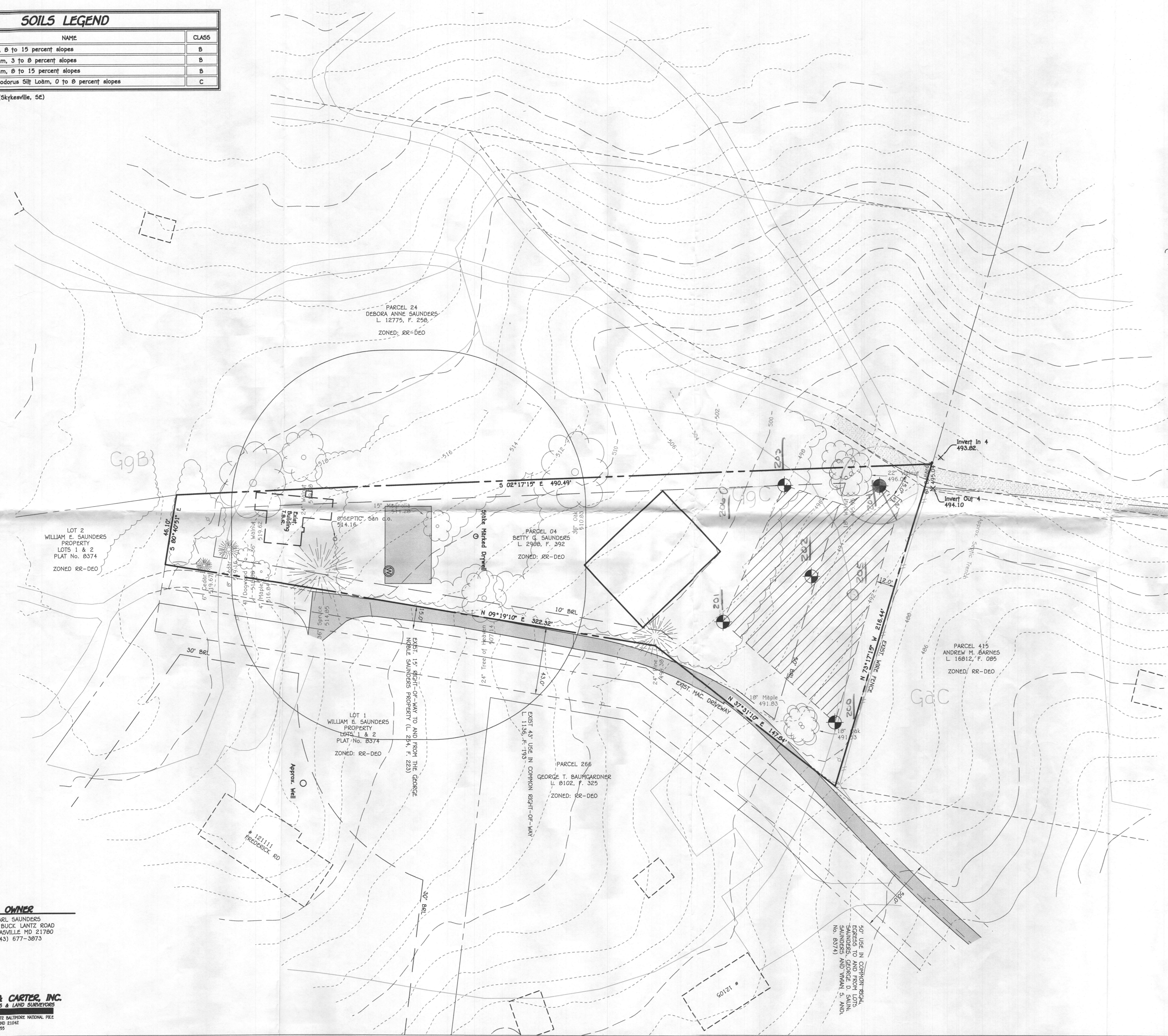
Test Plan
PERC APPLICATION PLAT
12117 FREDERICK RD.

ZONING: RR-DEO
TAX MAP No. 16 GRID No. 13 PARCEL No. 04
3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: MAR. 21, 2017
SCALE: 1" = 30'
W/O: 00639

OWNER
CARL SAUNDERS
16602 BUCK LANTZ ROAD
SABILLASVILLE MD 21780
(443) 677-3873

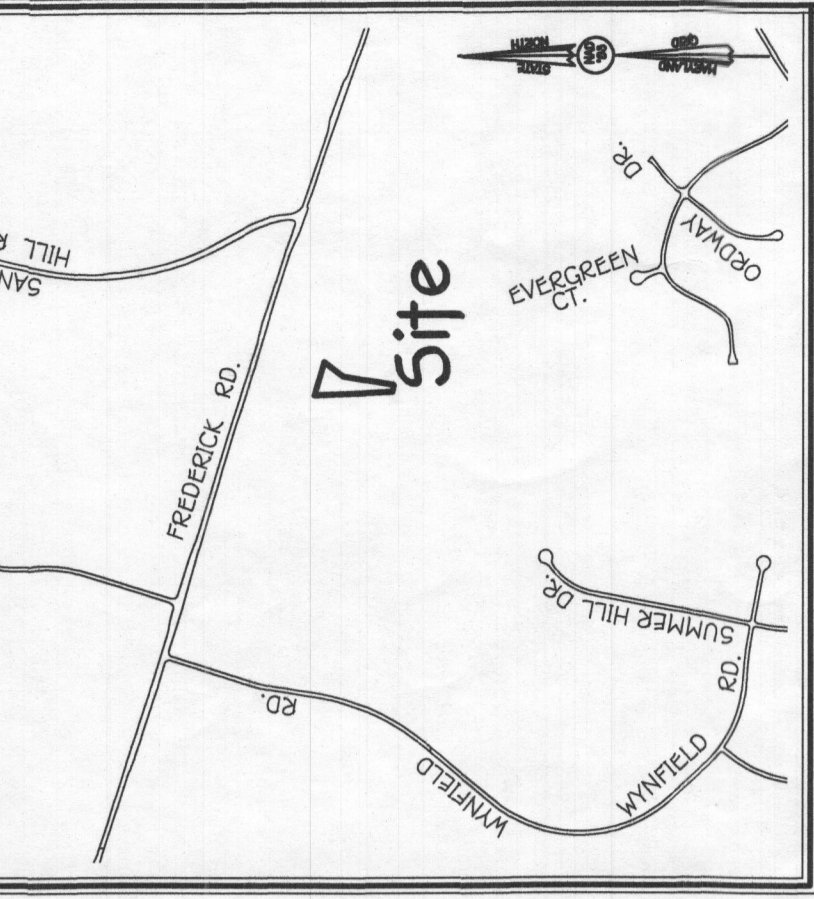
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENAL SQUARE OFFICE PARK - 10272 BALTOUR NATIONAL PLE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2855

50' USE IN COMMON RIGHT SAUNDERS, GEORGE D. SAUNDERS AND WILSON, S. ANDR. (8374)



SOIL	NAME	CLASS
GcB	Galla Loam, 0 to 15 percent slopes	B
GgB	Glennig Loam, 3 to 8 percent slopes	B
GcC	Glennig Loam, 0 to 15 percent slopes	B
GcB	Glennville Codruss Silt Loam, 0 to 8 percent slopes	C

SOIL MAP NUMBER: 12, (C&K) (w/alt. 85)



- LEGEND**
- EXISTING 2' CONTOURS
 - EXISTING 10' CONTOURS
 - EXISTING TREE LINE
 - SOIL LINES AND TYPES
 - DENOTES EXISTING WELL
 - DENOTES FAILED PERC
 - DENOTES PASSED PERC
 - DENOTES PROPOSED PERC
 - DENOTES 1500 GAL. FT. ALTERNATE WELL SITE

GENERAL NOTES:

- 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 EASEMENTS. THE EASEMENT SHALL BE A PERPETUAL EASEMENT. RESTRICTIONS WITHIN THIS AREA SHALL BE AS FOLLOWS: EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL BE NOTIFIED OF ANY SUCH CONNECTION. THE PRIVATE SEWERAGE EASEMENT TO BE MAINTAINED TO THE SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS. SEPTIC SYSTEM SHALL BE RUMPED AND PROPERLY ABANDONED WITH DOCUMENTATION SENT TO THE HEALTH DEPT. PRIOR TO BUILDING PERMIT APPROVAL.
- APPROVAL OF THIS PERC IS BASED ON A FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. ON 7/10/2017.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY BY FISHER, COLLINS & CARTER, INC. DATED MARCH, 2017.
- CONVEYANCE OF THIS PERC TO ANOTHER PARTY SHALL REQUIRE A DEED REFERENCE LIBER 2908 FOLIO 392.
- A DEED REFERENCE LIBER 2908 FOLIO 392.
- A DEED REFERENCE LIBER 2908 FOLIO 392.
- A DEED REFERENCE LIBER 2908 FOLIO 392.
- A DEED REFERENCE LIBER 2908 FOLIO 392.
- A DEED REFERENCE LIBER 2908 FOLIO 392.
- A DEED REFERENCE LIBER 2908 FOLIO 392.

PERC CERTIFICATION

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

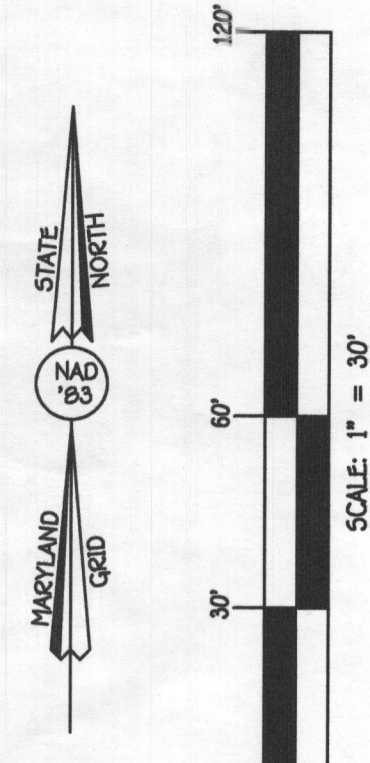
Signature of Professional Engineer: *Terrill A. Fisher* Date: 7/10/2017

Terrill A. Fisher, Professional Engineer License No. 10692 Expires 12/13/17

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

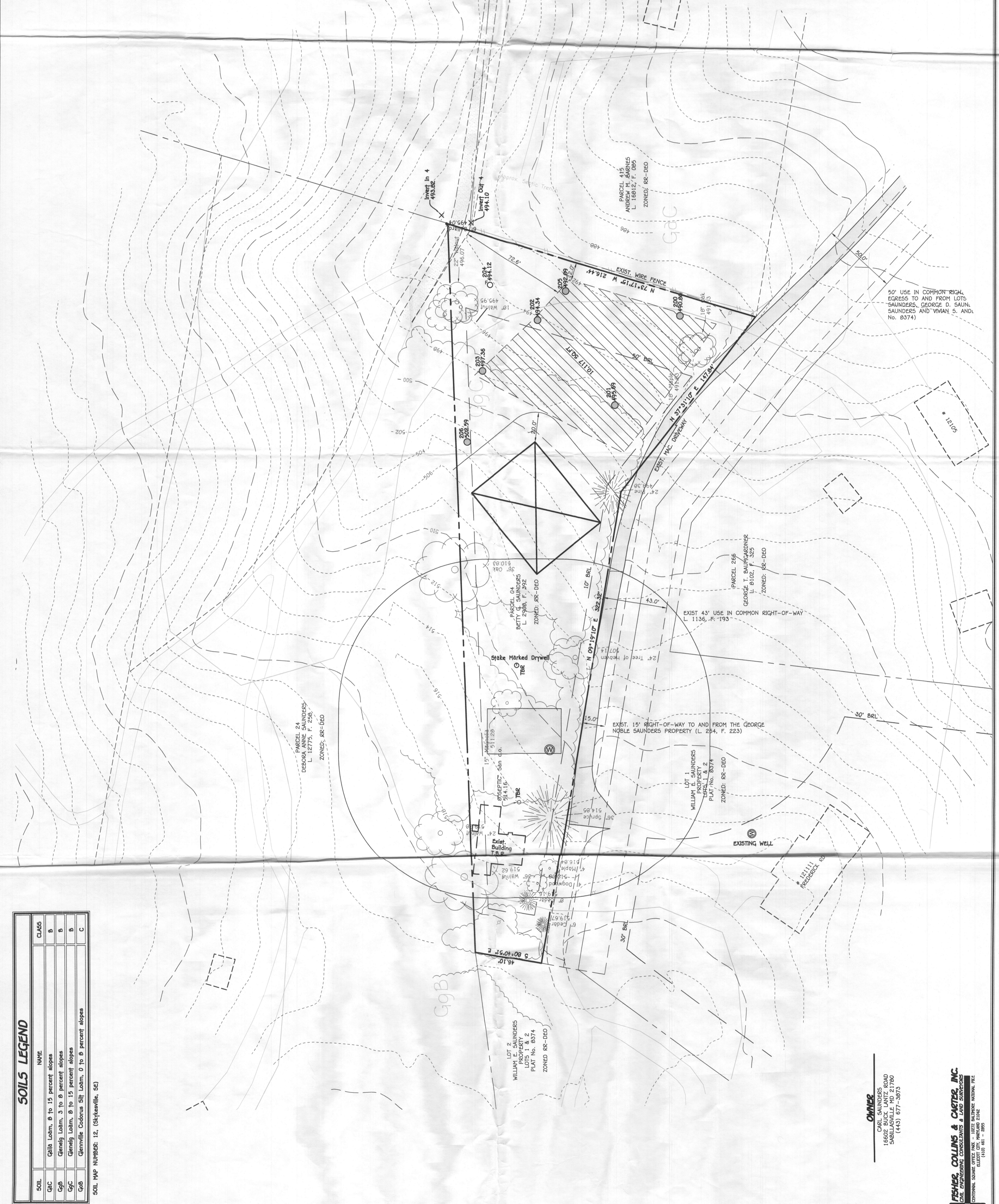
Signature of Health Officer: *Maureen Long* Date: 7/10/2017

Maureen Long, Health Officer



**PERC CERTIFICATION PLAN
12117 FREDERICK RD.**

ZONING: RR-DIO
TAX MAP No. 16
3rd ELECTION DISTRICT
SCALE: 1" = 30'



50' USE IN COMMON RICH, EGRESS TO AND FROM LOTS SAUNDERS, GEORGE D. SAUN, SAUNDERS AND VIVIAN S. AND No. 8374)

OWNER
CARL SAUNDERS
15600
SABALLASVILLE MD 21780
(443) 677-3973

FISHER, COLLINS & CARTER, INC.
SITE ENGINEERING CONSULTANTS & LAND SURVEYORS
1107 BALTIC INDUSTRIAL BLDG.
COLUMBIA, MD 21046
(410) 861-2979

