



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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Walnut Creek

PROPERTY ADDRESS 5319 Catalpa Ct. Ellicott City MD 21042

TAX ACCOUNT # 65-597904 TAX MAP 28 GRID 11 PARCEL 49 LOT NO. 95 PROPOSED LOT SIZE (ACRES) 1

ZONING CATEGORY TIER

PROPERTY OWNER(S) BV Business Trust

DAYTIME PHONE 410-489-7900 CELL EMAIL Tim@HeritageMaryland.com

MAILING ADDRESS PO Box 482 Lisbon MD 21765

APPLICANT Tim Feaga RELATIONSHIP TO OWNER: Developer

DAYTIME PHONE 410-489-7900 CELL EMAIL Tim@HeritageMaryland.com

MAILING ADDRESS PO Box 482 Lisbon MD 21765

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

PROPERTY:

- Subdivision: Number of lots including residue: Subdivision classification (per Dept. of Planning and Zoning) Major Minor Construct new OSDs on undeveloped lot Repair or replace failing OSDs Upgrade existing OSDs

BUILDING:

- Residential with 5 existing or proposed bedrooms in the completed structure Commercial (provide detail of type of use and numbers of employees/customers on accompanying plan)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- 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

Date 10/17/15

SIGNATURE OF APPLICANT

DATE

A/P

6000

red org
cl

3.5'

org tan
s sil
w/mica
5-10%
rock

12'

6001

org
cl

3.5'

org
tan

s sil
w/mica
5%
rock

11.5'

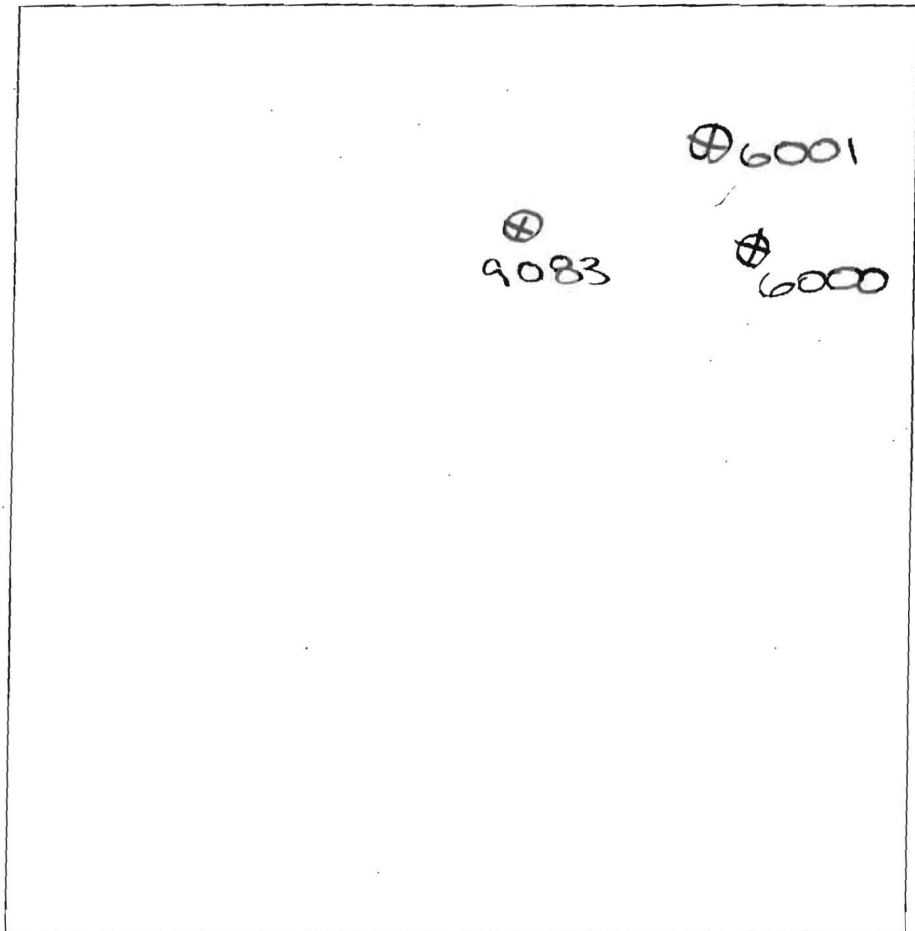
9083

red
org
cl

4'

org
tan
s sil
mica

12'



5319 Catalpa Court

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/13/16	6000	4.5/12	9:29	9:36	9:47	11	P
1/13/16	6001	4.6/11.5	9:33	9:34	9:36	2	P
1/13/16	9083	5.2/12	9:39	—	9:45	3	P

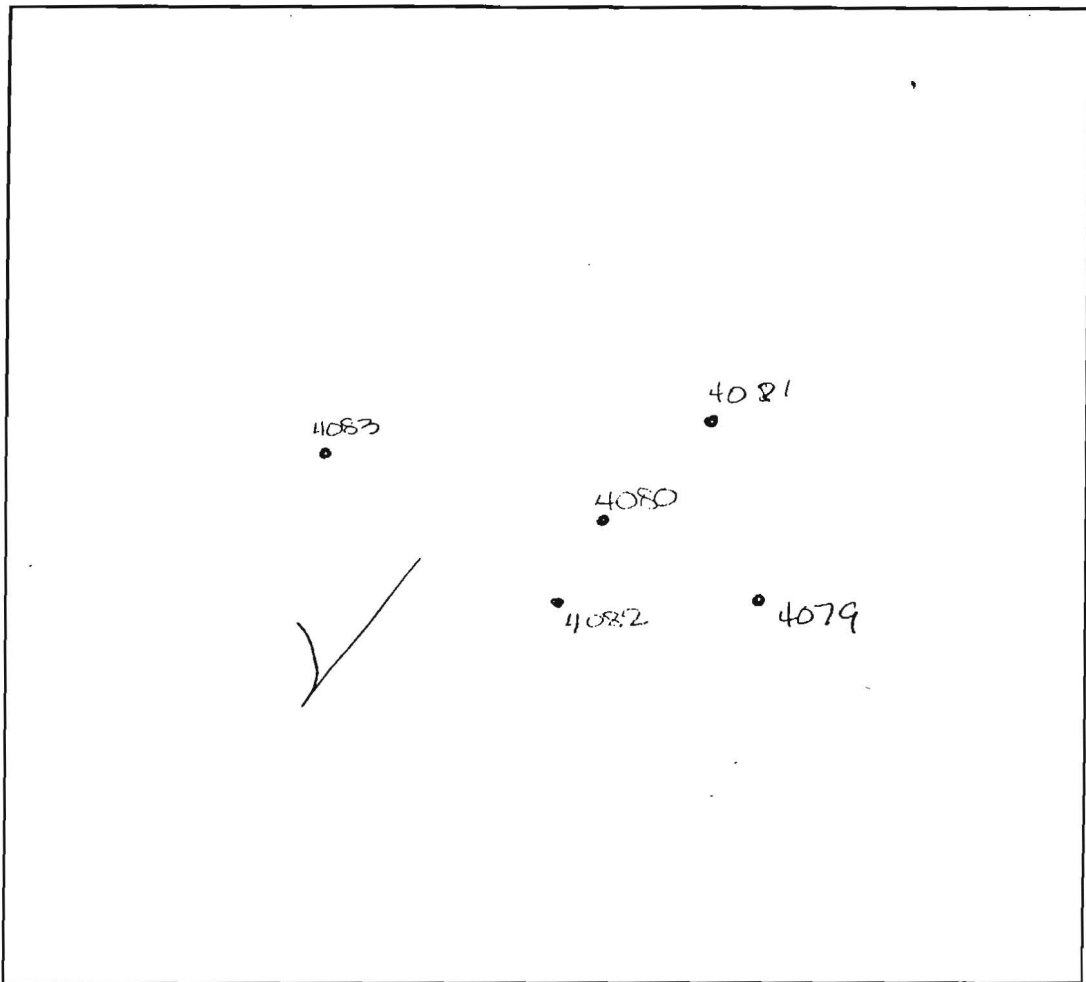
REMARKS

SANITARIAN Mark Oswald BACKHOE Chux OTHERS SPENGL

TEST HOLES USED IN SDA 2PP AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP
4083
red org
cl
Lm
4'
org tan
Si mica
Lm
15-20%
rock
12.5'



4079
dark
orange
brown
sacilm
4'
light
beigh
salm
5%
saproliite

4080
org brn
cl Lm
3'
pale
org
tan
Si mica
Lm
20%
rock
ROCK
refeaf
11'

4081
dark
red
sacilm
20%
Rx
5'
lgt
beigh
salm
micacdo
5%
saproliite
12 1/2'

4082
red org
cl Lm
4'
tan
Si mica
Lm
10%
rock
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8-22-04	4083	5.5'S 12.5'D	11:05 ₃	11:10	11:22 ₃	13	P
	4080	4.0'S 11.0'D	11:07	11:08 ₃	11:10 ₃	2	P
	4082	5.0'S 12.0'D	11:13 ₃	11:14 ₃	11:17	3	P
	4079	4 1/2'S 11 1/2'D	11:23	11:25	11:27	2	P
	4081	5 1/2'S 12 1/2'D	11:24	11:26	11:29	3	P

REMARKS _____

SANITARIAN D. Clark/A. Hart BACKHOE J. Brendel OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, July 05, 2016 1:22 PM
To: ron@vanmar.com
Subject: 5319 Catalpa Court_BAT Plan

Hi Ron:

If a property is proposing a 6 bedroom or more SFD or addition using a Norweco, the model unit will be TNT LP 1000gpd. Also, the proposed elevations do not match each other. Please revise the plan accordingly.

Thanks,

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)



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

January 14, 2016

To: BV Business Trust; Tim@HeritageMaryland.com

RE: Percolation Test Report; 5319 Catalpa Court, Clarksville, MD 21029

Percolation tests were conducted at 5319 Catalpa Court (Tax Map 28, Parcel 49) on January 13, 2016. Tests and/or profile descriptions were documented for 3 locations (test hole 6000, 6001 and 9083). All test holes had passing percolation test rates and soil profiles were consistent with previous test results.

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 next step in the process is to have an engineer/consultant revise the percolation certification plan to confirm the design of the septic reserve area.

Should you have any questions regarding this evaluation please contact me at (410) 313-1786 or by email hoswald@howardcountymd.gov

Respectfully,

Hank Oswald

Hank Oswald, L.E.H.S
Bureau of Environmental Health
Well & Septic Program

Attachment: Percolation Field Notes

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, December 31, 2015 9:23 AM
To: 'Tim Feaga' (tim@heritagemaryland.com)
Subject: Perc Test Date_Walnut Creek Lot 95
Attachments: Lot 95.pdf

Hi Tim:

I would like to schedule the percolation test date for Walnut Creek, Lot 95. Are you available January 13, 14 or 27?

Also, I added a test hole to the plan (see attachment) in place of the proposed hole by B-21 unless you would like to keep it.

Please let me know as soon as you can.

Best Regards,

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)

Oswald, Hank

From: Oswald, Hank
Sent: Friday, December 18, 2015 8:29 AM
To: 'linthicum@mris.com'
Cc: Justin Brendle; Williams, Jeffrey
Subject: RE: perk 3 lots "Ridgeville Heights" - Mt. Airy

Hi Jim:

I've marked my calendar for Tuesday January 12, 2016 between 8 - 830. Please have the percolation test holes properly staked by a licensed surveyor. Also, please have a septic contractor onsite with a backhoe capable of digging a hole to a minimum depth of 12 feet.

Did you ever inquire with DPZ to see if these were existing lots of record?

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

Hank

From: linthicum@mris.com [<mailto:linthicum@mris.com>]
Sent: Friday, December 18, 2015 3:01 AM
To: Oswald, Hank
Cc: Justin Brendle
Subject: RE: perk 3 lots "Ridgeville Heights" - Mt. Airy

Hank- lets perk those lots on Tuesday January 12, 2016

Jim Linthicum - Direct 301-606-9229
Fax 301-831-7412
Re/Max Realty Plus

Scheduled
1/12/16

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

From: "Oswald, Hank" <hoswald@howardcountymd.gov>
Sent: Tuesday, December 15, 2015 9:48am
To: "linthicum@mris.com" <linthicum@mris.com>
Subject: RE: perk 3 lots "Ridgeville Heights" - Mt. Airy

Jim:

Jan 12, 13, or 14th?

Hank

From: linthicum@mris.com [<mailto:linthicum@mris.com>]
Sent: Sunday, December 13, 2015 11:07 PM
To: Oswald, Hank
Subject: RE: perk 3 lots "Ridgeville Heights" - Mt. Airy

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, February 03, 2016 11:10 AM
To: 'tonyf@fcc-eng.com'
Subject: Walnut Creek Lot 95_Percolation Certification Plan Comments

Tony:

The percolation certification plan for *Walnut Creek, Lot 95* has been reviewed with the following comments.

- 1.) Provide legend symbol for test hole B-21 or remove from the plan.
- 2.) Add note regarding 10,000 square foot sewage disposal area.
- 3.) Add note that well has been field located.
- 4.) Add note that Topography has been field run or field verified.
- 5.) Match well box color with legend.

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

Hank

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

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, January 14, 2016 11:55 AM
To: 'Tim@HeritageMaryland.com'
Subject: 5319 Catalpa Court_Perc Test Report_1.14.16
Attachments: Perc Test Report_5319 Catalpa Court_1.14.16.pdf; Perc Test Notes_5319 Catalpa Court_2016.pdf

Hi Tim:

Attached, please find the perc test report and notes for 5319 Catalpa Court. 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)

Oswald, Hank

From: Oswald, Hank
Sent: Monday, June 13, 2016 3:35 PM
To: 'Ron Thompson'; Williams, Jeffrey
Subject: RE: Septic System Specification Sheet
Attachments: 5319 Capalpa.pdf

Hi Ron:

Attached, please find the sewage disposal system spec sheet for 5319 Capala Court.

Hank

From: Ron Thompson [<mailto:ron@vanmar.com>]
Sent: Friday, June 10, 2016 10:00 AM
To: Williams, Jeffrey; Oswald, Hank
Subject: Septic System Specification Sheet

Hello Jeff and Hank:

Attached is a Septic System Specification Sheet for Lot 95, Walnut Creek Subdivision.

Thank you.

Ronald E. Thompson, PE
VANMAR ASSOCIATES
310 South Main Street
PO Box 328
Mount Airy, Maryland 21771
301-829-2890 (O)
443-421-2164 (C)
301-831-5603 (F)



HOWARD COUNTY HEALTH DEPARTMENT

57489

DATE
12 21 15

AS

Received From

Bioscience Venture Corp

PHONE #

For

Peric App/5319 Catalpa

CASH

CHECK

NO.

35719

Five hundred six Dollars

\$

500.00

Received By

J. King

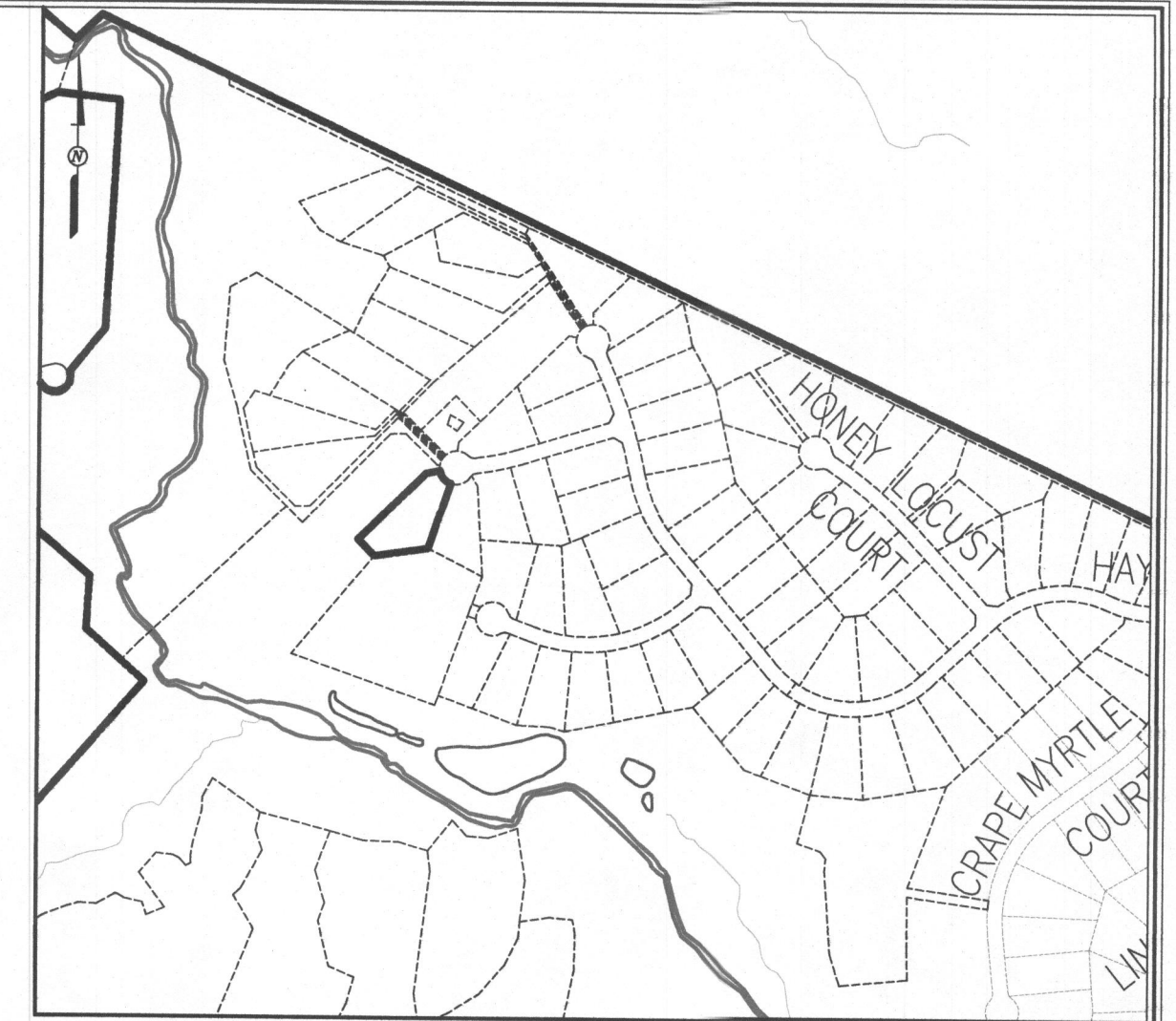
SOILS LEGEND

SOIL	NAME	CLASS
CgC2	Chester gravelly silt loam, 0 to 15 percent slopes, moderately eroded	B

- NOTES:
- Hydric soils and/or contains hydric inclusions
 - May contain hydric inclusions
 - Generally only within 100-year floodplain areas

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE: 1" = 600'
ADC MAP 1422



GENERAL NOTES:

- 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.
- TOPOGRAPHIC CONTOURS BASED ON HARFORD AERIAL SURVEYS, INC. DATED FEBRUARY, 2004.
- THIS PLAN IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT AUGUST, 2004, BY FISHER, COLLINS & CARTER, INC.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- PLATS REFERENCE 22227 THRU 22243.
- LOT YIELD IS CONTINGENT ON MEETING ALL REQUIREMENTS OF THE GROUNDWATER APPROPRIATIONS PERMIT AND ANY OTHER STATE OR COUNTY REQUIREMENTS.
- WELL ON LOT 95 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC.
- 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.

THE PURPOSE OF THIS PLAN IS TO REVISE THE APPROVED PERC LOT 95

APPROVED FOR PRIVATE WATER AND SHARED SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT.
Terrell A. Fisher for *Mauna Rossman* 2/9/2016
COUNTY HEALTH OFFICER H.O. 9-3 DATE

PERC CERTIFICATION
I certify that the location and depth of the wells 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 2/9/16
Signature of Professional Civil Surveyor Date
Terrell A. Fisher, Professional Civil Surveyor No. 10692 Expires 12/13/17

AMENDED PERC CERTIFICATION
WALNUT CREEK
PHASE THREE
Lot 95
(A Resubdivision of Buildable Bulk Parcel '1' - Walnut Creek, Phase Two) & (A Revision to Non-Buildable Preservation Parcel '1' and '1' - Walnut Creek, Phase Two)
ZONED: RC-DEO & RR-DEO
TAX MAP No. 28 GEO No. 4, 5, 10-12, 17, AND 18 PARCEL No. 49
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: FEBRUARY 4, 2016
SHEET 1 OF 1

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
410 461 - 2920

PLAN
SCALE: 1" = 30'

Owner
BV Business Trust
15950 North Avenue
P.O. Box 482
Lisbon, MD 21765
410-489-7900

Developer
Bassler Venture, LLC
15950 North Avenue
P.O. Box 482
Lisbon, MD 21765
410-489-7900

I:\2004\04001\04001\PHASE THREE FINALS\phase 3 Revised Perc Cert Lot 95.dwg, 2/4/2016 9:04:17 AM, 1:1

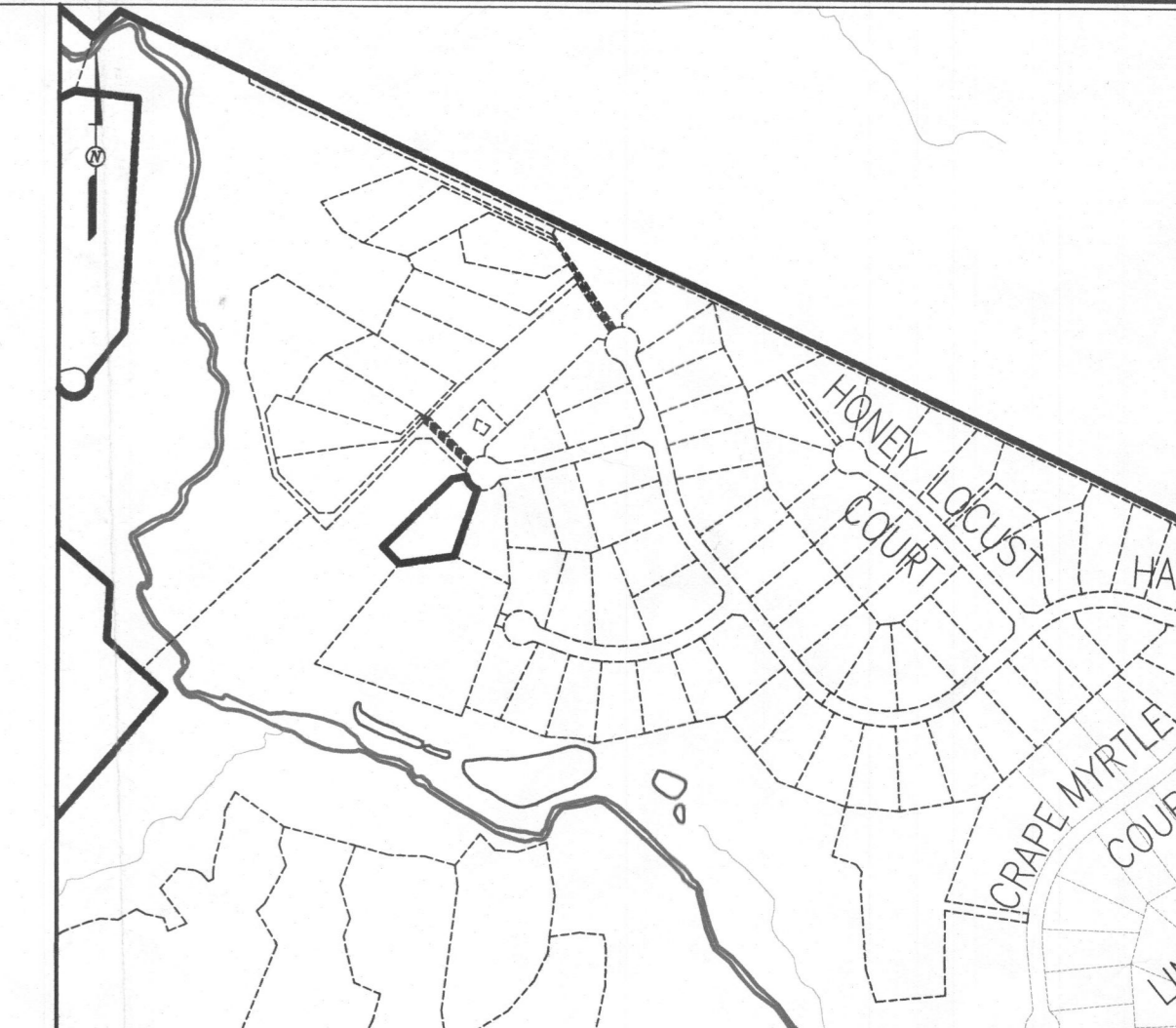
SOILS LEGEND

SOIL	NAME	CLASS
CgCz	Chester gravelly silt loam, 0 to 15 percent slopes, moderately eroded	B

- NOTES:
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- ⊞ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE: 1" = 600'
ADC MAP 14E2



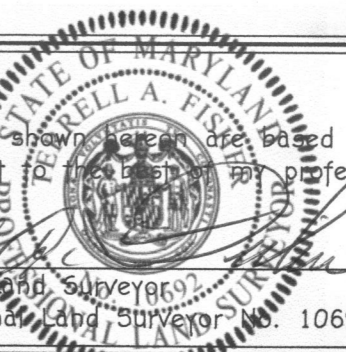
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APPROVED FOR PRIVATE WATER AND SHARED SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
for Maria Rossman 2/9/2016
COUNTY HEALTH OFFICER u.o. 92 DATE

PERC CERTIFICATION
I certify that the location of the wells 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.
Signature of Professional Land Surveyor: *Terrell A. Fisher*
Terrell A. Fisher, Professional Land Surveyor No. 12167, State of Maryland, License Expires 12/13/17
Date: 2/4/16



**AMENDED PERC CERTIFICATION
WALNUT CREEK
PHASE THREE
Lots 95**

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CENTENAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLIOTT CITY, MARYLAND 21042
(410) 481-2295

I:\2004\0001\dwg\PHASE THREE FINALS\phase 3 Revised Perc Cert Lot 95.dwg 2/4/2016 9:02:17 AM 11