Howard County Health Department

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 5000 WILD OLIVE COURT

PROPERTY ADDRESS 5000 WILD OLIVE COURT (STREET) ELLICOTT CITY MD 21042 (TOWN, ZIP)

TAX ACCOUNT # 360668 TAX MAP 28 GRID 11 PARCEL 50 LOT NO. ____ PROPOSED LOT SIZE (ACRES) 4.303

ZONING CATEGORY RR-DEO TIER ____

PROPERTY OWNER(S) NARINDER P CHADHA AND KIRTI KHANNA

DAYTIME PHONE ____ CELL ____ EMAIL ____

MAILING ADDRESS 5000 WILD OLIVE CT (STREET) ELLICOTT CITY MD 21042 (CITY, STATE, ZIP)

APPLICANT Christopher Barth RELATIONSHIP TO OWNER: BUILDER

DAYTIME PHONE 703-214-1650 CELL 703-488-8423 EMAIL guy@ziberty.com

MAILING ADDRESS 1766 Proffit Rd. (STREET) Vienna VA (CITY, STATE) 22182 (ZIP)

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

PROPERTY:

- ☐ SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: 1
  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

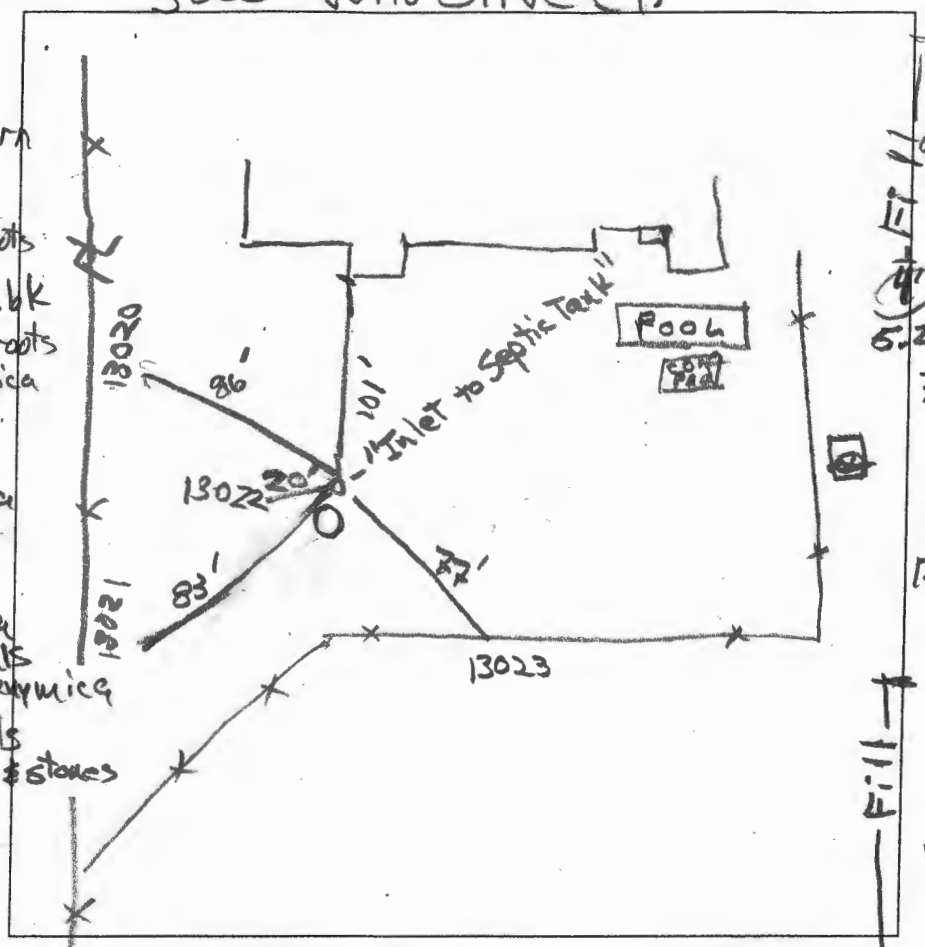
I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

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 21 Feb 2019

5000 Wild Olive CT.

A/P



13022

- 0.4' brn & dk brn L, 1vfsbk, few mica, many fine roots
- 0.8' brn L, 1fsbk, many fine roots, common mica
- 2.3' yel-red L, 2msbk, ss, common mica
- 4' yel-red sl, thin platy, many f. mica
- 8.3' grey-brn chls, thin platy, many mica
- 12' grey-brn fl ls, 15-20% flags & stones, many mica

13021

- 0.5' dk brn L, 2vfsbk, few mica, many fine roots
- 1' brn L, 2fsbk, few mica, common fine roots
- 2' ~~red-brn cl~~ 2fsbk, few mica
- 2.8' red-brn L, 1msbk, common mica
- 4.3' red & brn chsl, thin platy, many mica
- 8.2' grey-brn chls, platy, thin platy, many mica, ~~15-20% rock~~
- 12' grey-brn chls w/ flags & stones, platy, many mica, 20-30% rock

13023

- 0.7' brn & dk brn L, 1vfsbk, common mica, many fine roots
- 4' brn sl, Øm, common-to-many mica, few stones
- 5.2' yel-red chsl, thin platy, many mica
- 7.8' yel-red chls, platy
- 12' grey-brn chls, thin platy, many mica, 25-35% channers w/ few stones

13020

- 1' dk brn L, 1vfsbk & 1fsbk, many fine roots, common mica
- 2.5' brn L sl & ls, mixed, Øm
- 4.4' red-brn sl & yel-red L, mixed
- 5' brn & pale brn L, Øm, ss, c3d (grey), common mica
- 5.8' grey L, Øm, ss, c2p (yel-red), common mica
- 6.2' boundary is a 3-inch compacted layer of yel-red & red-yel sand
- 12' grey-brn chls, thin platy, many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/20/19	13023	6'/12'	10:41	10:46	10:57	12	P
3/20/19	13022	4.7'/12'	10:46	10:48	10:55	7	P
3/20/19	13021	4.5'/12'	11:00	11:04	11:14	10	P
3/20/19	13020	5'/12'	11:24	11:32	pulled, little movement		
reshelf	13020	6.2'	Visual, "Fill" to 6.2'				F

REMARKS _____

SANITARIAN R Bricker BACKHOE Justin Allen OTHERS _____

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

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

well house in good condition (concrete block)
inside is a 'pit well'
pit is ~6 ft. deep with soil floor
a metal storage tank is visible
but not entirely under the structure

pool appears to be in poor condition
~ 2/3 full w/ stagnant water
mosquitoes flying around pool area
& lighting on the water surface

11:40 12:30

HOWARD COUNTY
HEALTH DEPARTMENT

Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

March 29, 2019

TO: Christopher Barth, CEO, Ziberty, Inc.

RE: 5000 Wild Olive Court, Percolation test results and data

Dear Mr Barth,

Percolation tests were conducted, as scheduled, at 5000 Wild Olive Court on March 20, 2019. These tests were conducted to establish a sewage disposal area (SDA) of 10,000 square-feet or greater on the subject property. The creation of an SDA is required in support of a proposal to demolish the existing house and to build a new house.

Prior to the date scheduled for testing, four (4) locations, 13020 thru 13023, were staked. Three locations, 13021, 13022, and 13023, 'PASS'. Location 13020 is a FAIL due to depth of 'fill' materials. The 'fill' materials were observed to over 6 feet depth.

Locations of percolation tests that 'PASS' are used to define the soils that are suitable for inclusion in an SDA proposed on the Percolation Certification Plan. The results and suitable areas for wastewater discharge may be certified by the Approving Authority's signature of the Percolation Certification Plan. After the Percolation Certification Plan is signed by the Bureau of Environmental Health Director, the Health Department may consider review of a septic system installation plan and various permit proposals for the subject property.

It is unknown at this time if an area of 10,000 square-feet may be represented by the percolation tests that PASS. It is possible that additional testing within the boundaries of the property at 5000 Wild Olive Court may be required. Also, it is notable to mention that the septic tank is at a much lower elevation than represented on the Percolation Test Application Plan. It is likely that a pump tank installation will be required for future repair systems.

If you have questions related to this report, you may reply to me via email, rbricker@howardcountymd.gov , or call my desk, 410-313-2691.

Respectfully,

Robert Bricker

Robert Bricker, CPSS, REHS/RS, L.E.H.S.
Environmental Sanitarian II
Well and Septic Program

Enclosures: Percolation Test Application and Field Worksheet
Copy: Tony Fertitta, Fisher, Collins & Carter, Inc.
Jeffrey Williams, Supervisor, Well & Septic Program
file

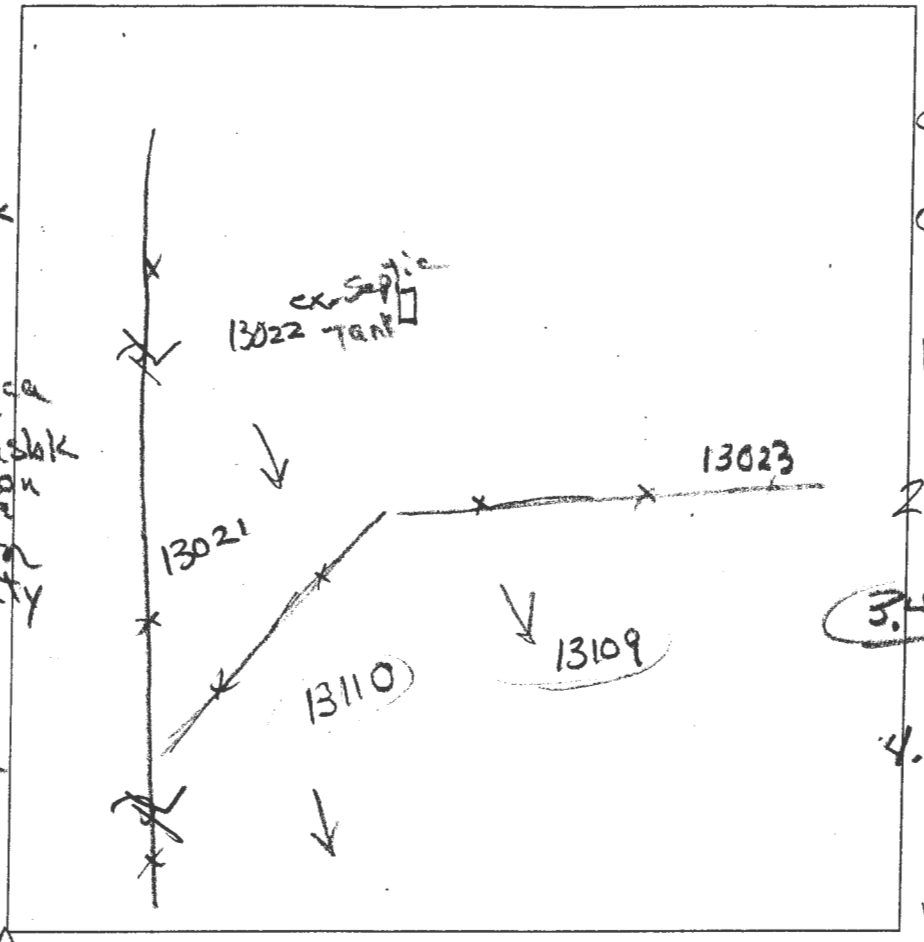
5000 Wild Olive Ct.

A/P _____

13110

- 0.3' dk brn sl 2vfsbk
- 1' brn L, 2fsbk few mica
- 2' red-brn L 2msbk common mica
- 3.3' brn L, 3msbk SS, common mica
- 7' red-brn & brn sl, thin platy many mica
- 11' brn chls, thin platy many mica
- 12' brn chls thick platy common Mn coatings on ped & rock faces

dry



13109

- 0.3' dk brn sl, 2vfsbk
- 0.8' brn L, 2fsbk few mica
- 1.9' red-brn L 2msbk common mica
- 2.6' brn sl 3msbk, SS common mica
- 5.4' brn L, 2msbk SS, common mica
- 4.1' yel-red sl thin platy many mica
- 12' brn & lt-brn chls, thin platy many mica

dry

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/10/19	13110	6/12"	10:27	10:35	10:50	15	P
4/10/19	13109	4.7/12"	10:52	11:00	11:24	24	P

REMARKS SS = slightly sticky

SANITARIAN R Bricker BACKHOE Justin Allen OTHERS Tony Fertitta

TEST HOLES USED IN SDA _____ AVG. PERC TIME 20 SQ. FT/BR 250

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH 8 EFFECTIVE S/W begins at 3.5

A/P _____

B

alt brn L
Øm 0.5'

brn L
sbk 2'

yel-red
L TOS
few mica 5'

lt brn
ls, platy
5-10% rock 9'

grey-brn
chls, platy few mica
10-25% channers
5-10% flags
11'

grey-brn
chls
35-45%
channers
few mica
common
Mn coatings
on rock faces
15.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/6/19	B	15.5'	Visual		Sidewall 5' + 11'		P

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

HOWARD COUNTY
HEALTH DEPARTMENT

Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

Date: May 10, 2019

TO: Tony Fertitta.
Fisher, Collins & Carter, Inc.

FROM: Robert Bricker, REHS/R.S., L.E.H.S.
Environmental Sanitarian II, Well and Septic Program

RE: 5000 Wild Olive Court, Percolation Certification Plan, comments

The following issues were noted during review of the submitted plan:

1. Several edits are required among the various notes:
    a. In Note 1,
        i. Delete the phrase 'of at least 10,000 square feet' as the parcel boundaries apparently were established prior to March 1972 and have not been modified since the parcel was created.
        ii. Replace the terms Easement and Easements with the terms Area and Areas, respectively.
    b. In Note 2, replace the term Septic Easement with Sewage Disposal.
    c. In Note 7, there is no reference to filed-run topo or the topography being confirmed by field-run data as required per Code.
    d. In Note 9, replace the word Easement with the word Area.
    e. In Note 13,
        i. Replace each occurrence of "Abandoned" with 'Sealed',
        ii. Insert 'Extended' between Casing and Above in the first sentence.
        iii. Insert 'Approval' between Permit and For in the second sentence.
    f. Edit the beginning of Note 12 as follows,
    AN OSDS PLAN FOR REPLACING THE SEPTIC TANK AND POSSIBLY FOR INSTALLING NEW TRENCHES MUST BE APPROVED BY THE HEALTH DEPARTMENT PRIOR TO APPROVAL OF THE BUILDING PERMIT FOR A NEW HOUSE.
2. Edit the Purpose Statement by replacing the term "SEPTIC AREA" with the term 'SEWAGE DISPOSAL AREA'.
3. In the label for the more distant well, replace the term Abandoned with the term Sealed.
4. The relative locations for either perc location 13023 or the trenches (in particular, the lowest trench) do not appear to be accurate. Location 13023 was dug at the fence which is on the slope break. I remember that the trenches were all nearer to the existing house than was perc location 13023. Perhaps rotating the trenches will help.

RB
Copy: file

Curve Data Tabulation

Arc Length	Delta	Tangent	Bearing & Distance
114.11'	116°52'17"	93.13'	S 81°00'30" E 94.72'
22.39'	51°19'04"	12.01'	N 65°12'46" E 21.65'
256.25'	27°57'59"	130.73'	S 83°06'41" E 253.72'

NOTE: The Total Area For The Shared Sewage System Easement Is 84.37 Acres. The Shared Sewage System Will Be Available To Lots 69-81, 87-89 And 95-114. Plans For The Facility Including Any Necessary Point Discharge Have Been Approved By The Department Of Environment.

BV Business Trust — Timothy Feaga, Trustee

BV Business Trust — Robert C. Goodier, Jr., Trustee

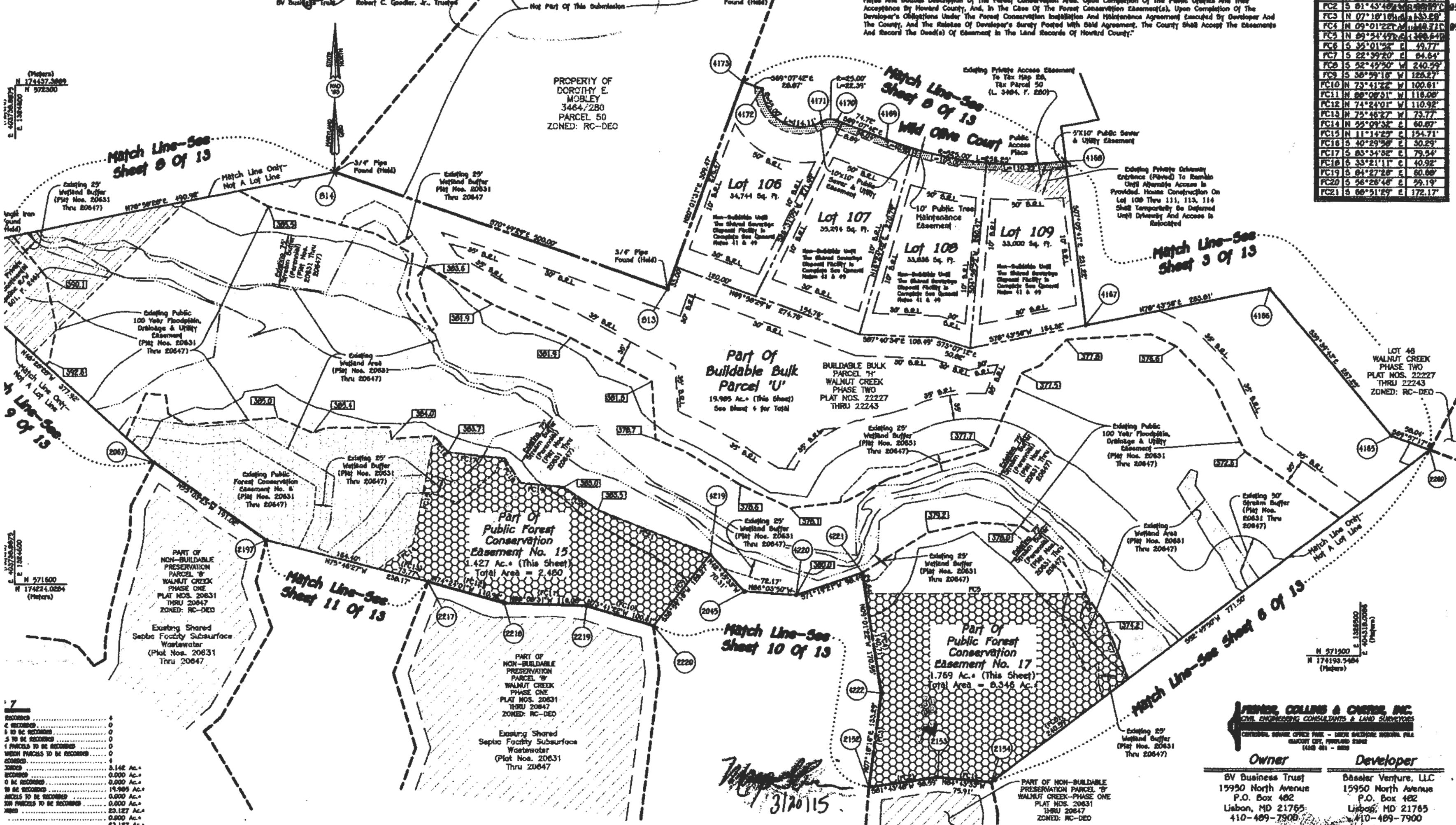
Reservation Of Public Utility And Forest Conservation Easements

"Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Easement"), Located In, On, Over, And Through Lots 69-114, Non-Buildable Preservation Parcels 'K', 'L', 'M', 'O', 'P', 'Q', 'R', 'V', Non-Buildable Parcel 'S', Buildable Preservation Parcel 'T' And Buildable Bulk Parcel 'U'. Any Conveyances Of The Aforesaid Lots/Parcels Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deed(s) Conveying Said Lots/Parcels. Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County, With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, And, In The Case Of The Forest Conservation Easement(s), Upon Completion Of The Developer's Obligations Under The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The County, And The Release Of Developer's Surety Posted With Said Agreement, The County Shall Accept The Easements And Record The Deed(s) Of Easement In The Land Records Of Howard County."

Public Forest Conservation Easement Line Chart

LINE	BEARING	DISTANCE
FC1	N 84°43'33" W	75.91'
FC2	S 81°43'46" [illegible]	[illegible]
FC3	N 07°18'10" [illegible]	153.28'
FC4	N 09°01'22" [illegible]	148.73'
FC5	N 89°54'49" E	398.64'
FC6	S 35°01'52" E	49.77'
FC7	S 22°39'20" E	84.64'
FC8	S 52°45'50" W	240.59'
FC9	S 38°59'18" W	128.27'
FC10	N 73°41'22" W	100.61'
FC11	N 88°08'31" W	116.08'
FC12	N 74°24'01" W	110.92'
FC13	N 75°46'27" W	73.77'
FC14	N 55°09'32" E	60.67'
FC15	N 11°14'25" E	154.71'
FC16	S 40°29'56" E	30.29'
FC17	S 83°34'52" E	79.54'
FC18	S 33°21'11" E	40.92'
FC19	S 84°27'28" E	60.66'
FC20	S 56°28'46" E	59.19'
FC21	S 66°51'29" E	172.17'

Subdivision 5.00
Subdivision Name:
Reference/Control #:
13
360.00
11.51
CC13-CR
05.33.03 -



7

...RECORDED	4
...RECORDED	0
...TO BE RECORDED	0
...TO BE RECORDED	0
...PARCELS TO BE RECORDED	0
...PARCELS TO BE RECORDED	0
...RECORDED	4
...RECORDED	3.142 Ac.±
...RECORDED	0.000 Ac.±
...TO BE RECORDED	0.000 Ac.±
...TO BE RECORDED	19.985 Ac.±
...PARCELS TO BE RECORDED	0.000 Ac.±
...PARCELS TO BE RECORDED	0.000 Ac.±
...RECORDED	23.127 Ac.±
...	0.000 Ac.±
...	23.127 Ac.±

...Water And Private Sewerage Systems ...Master Plan Of Water & Sewerage ...land. Lots 69-81, 87-89 And

...ed Sewerage Systems On ...on Parcel "B", Walnut Creek, Phase ...Thru 20647.

3/4/2015
...fficer — Date

...ty Department Of Planning And

3-16-15
...eering Division — Date

3-17-15
Date

Owner's Certificate

BV Business Trust By Timothy Feaga, Trustee, And Robert C. Goodier, Jr., Trustee, Owner Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns; (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 29th Day Of January 2015.

BV Business Trust — Timothy Feaga, Trustee — Witness

BV Business Trust — Robert C. Goodier, Jr., Trustee — Witness

Surveyor's Certificate

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Was 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; That It Is A Subdivision Of Part Of The Lands Conveyed By Basslers, Incorporated To BV Business Trust By Deed Dated June 25, 2008 Recorded Among The Land Records Of Howard County, Maryland In Liber No. 11276 At Folio 36. All Monuments Are In Place In Accordance With The Annotated Code Of Maryland, As Amended.

WAR PLAT NO. 23239
RECORDED
MAR 20 2015 7.50

Terrell A. Fisher, Professional Land Surveyor No. 10692
Expiration Date: December 13, 2015

State Of Maryland — Terrell A. Fisher — Professional Land Surveyor

Fisher, Collins & Carter, Inc.
Civil Engineering Consultants & Land Surveyors

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

RECORDED AS PLAT No.______ ON ______
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Walnut Creek

Phase Three

Lots 69-114, Non-Buildable Preservation Parcels 'O', 'P', 'Q', 'R', 'V', Non-Buildable Parcel 'S', Buildable Preservation Parcel 'T', Buildable Bulk Parcel 'U' And A Revision To Non-Buildable Preservation Parcels 'K', 'L' And 'M'

(Being A Resubdivision Of Buildable Bulk Parcel 'H' And A Revision To Non-Buildable Preservation Parcels 'K', 'L' And 'M'- Walnut Creek, Phase Two - Plat Nos. 22227 Thru 22243)
Zoned: RR-DEO AND RC-DEO
Tax Map: 28 Parcel: 49 Grid: 4, 5, 10-12, 17 And 18
Fifth Election District - Howard County, Maryland

0' 100' 150' 200'
Scale: 1" = 100'

Date: September 30, 2014 — Sheet 7 of 13

P. 208765 — MSA C2125-5503-7 — F-13-026

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:	**Bureau of Environmental Health**	Attn:	**Jeff**
	7178 Columbia Gateway Dr.	Fax:	**(410) 313-2648**
	Columbia, MD 21046-4544	Phone:	**(410) 313-2640**

From:	**Tony Fertitta**	CC:	

Re:	**5000 Wild Olive Court**	W.O.#	**04001-3009**
Date:	**May 2, 2019**	Pages:	**3 Page(s) Including this cover**

We are forwarding: ☒ Prints ☐ Copy of Letter ☐ Specifications ☐ Shop drawings ☐ Other
☐ Urgent ☐ For your use ☐ As requested ☐ For Review & Comment

Remarks:

Jeff:

Enclosed please find One (2) prints of the drawing entitled " Percolation Certification Plan-5000 Wild Olive court " dated May 2, 2019.

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

Very truly yours,

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.

HOWARD COUNTY
HEALTH DEPARTMENT

Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

MEMORANDUM

TO: Tony Ferttita
Fisher, Collins, and Carter

FROM: Jeff Williams
Program Supervisor, Well & Septic Program

RE: 5000 Wild Olive Ct Perc Certification plan

DATE: April 25, 2019

I have reviewed the perc cert submitted on 4/18/2019 and have the following comments:

1. The plan is not signed or stamped by the plan preparer.
2. There is no purpose statement
3. Label the wells 1 and 2 and mark the lower one to be abandoned.
4. Add a note stating that the lower well must be abandoned prior to house demo and the upper well must be upgraded with casing above grade by a licensed well driller prior to demo. If the well cannot be upgraded, it will be properly abandoned prior to demo and a new well drilled prior to building permit for the new house.
5. Add replacement well area
6. Label the septic tank to be pumped and abandoned
7. Add a note stating that a test hole must be dug to 15' near the existing trenches to establish a soil buffer. If there is less than 4' approvable soil beneath the trenches, new trenches must be installed to serve a new house.
8. Add a note stating that an osds plan for the tank and possible new trenches must be submitted prior to building permit approval.

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: **Bureau of Environmental Health**	Attn: **Jeff**
7178 Columbia Gateway Dr.	Fax: **(410) 313-2648**
Columbia, MD 21046-4544	Phone: **(410) 313-2640**

From: **Tony Fertitta**	CC:

Re: **5000 Wild Olive Court**	W.O.# **04001-3009**
Date: **April 17, 2019**	Pages: **3** **Page(s) Including this cover**

We are forwarding: ☒ Prints ☐ Copy of Letter ☐ Specifications ☐ Shop drawings ☐ Other
☐ Urgent ☐ For your use ☐ As requested ☐ For Review & Comment

Remarks:

Jeff:

Enclosed please find One (2) prints of the drawing entitled " Percolation Certification Plan- 5000 Wild Olive court " dated April 17, 2019.

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

Very truly yours,

CONFIDENTIALITY NOTICE

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CENTENNIAL SQUARE OFFICE PARK · 10272 BALTIMORE NATIONAL PIKE · ELLICOTT CITY, MARYLAND 21042 · PHONE (410) 461-2855 FAX (410) 750-3784

Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:
- ❑ CONSTRUCT NEW SEPTIC SYSTEM(S)
- ❑ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- ❑ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:
- ❑ NEW STRUCTURE(S)
- ❑ ADDITION TO AN EXISTING STRUCTURE
- ❑ REPLACE AN EXISTING STRUCTURE

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

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?
- ❑ YES
- ❑ NO

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

PROPERTY OWNER(S) Bobby

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 5000 Shepherd Ln
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

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

 PLEASE SUBMIT ORIGINALS ONLY (BY MAIL OR IN PERSON)

A/P _____

(A)

Orange - Brown SCL

2

Orange Tan Sandy Cl Loam

9

Brown Tan SCL

10

10 - 20% shale

11.5 Hard Bottom

(210) 2/3/7.5/4.5

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/14/03	(A)	3' 11.5	10:44	10:51	11:05	11 min	P

REMARKS _____

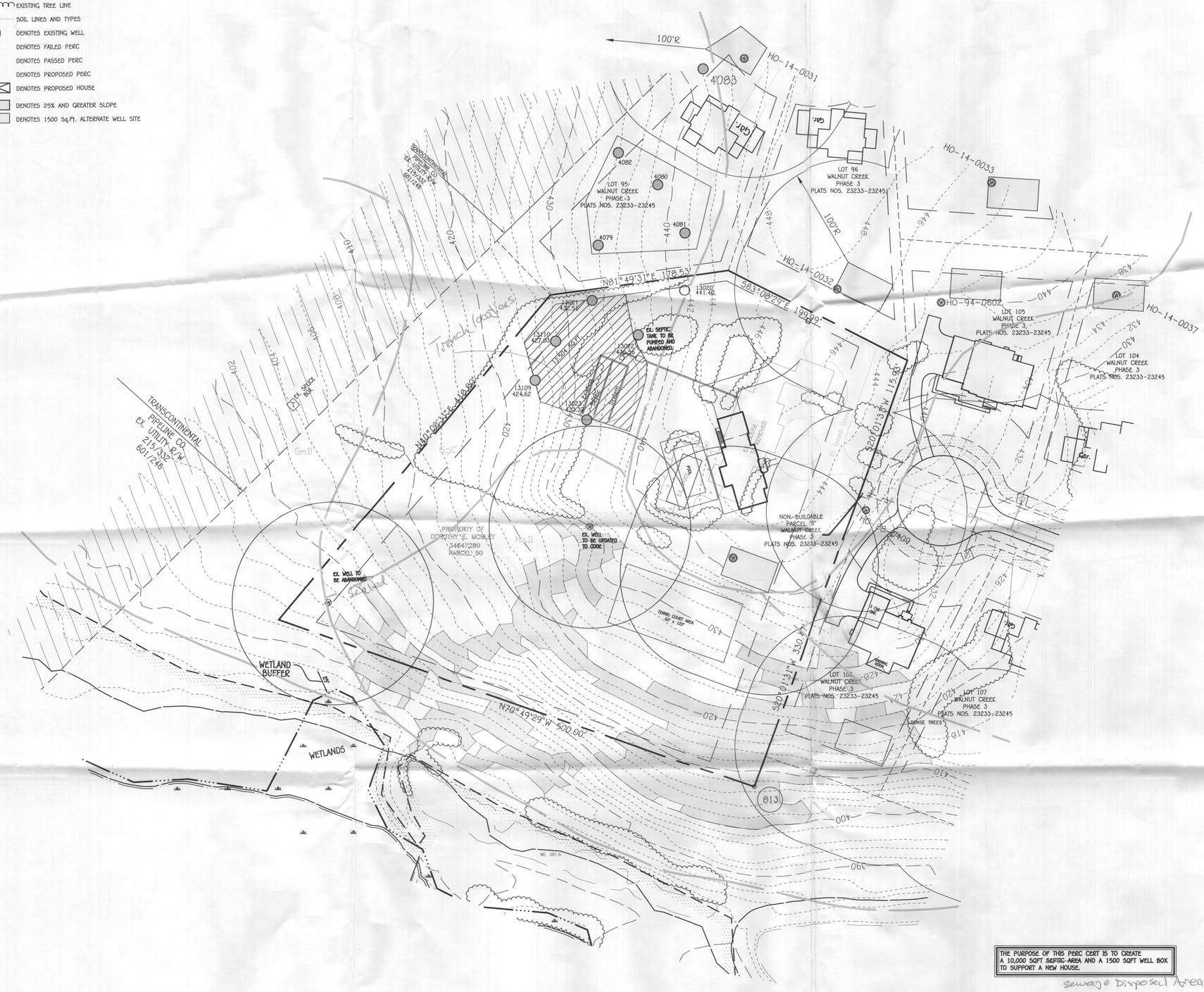
SANITARIAN SO BACKHOE Robert OTHERS _____

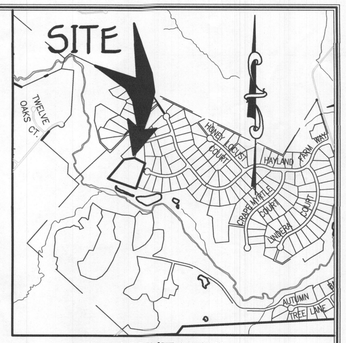
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

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

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 PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE





VICINITY MAP

SCALE : 1" = 1200'

GENERAL NOTES:

1. ▨ THIS AREA DESIGNATES A PRIVATE SEWERAGE ~~EASEMENT~~ Area 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~~ Areas 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~~ Area. RECORDATION OF A MODIFIED SEWERAGE ~~EASEMENT~~ Area SHALL NOT BE NECESSARY.
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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. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
8. ANY CHANGES TO A PRIVATE SEWERAGE ~~EASEMENT~~ Area SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
9. DEED REFERENCE LIBER 18342 FOLIO 474.
10. A TEST HOLE MUST BE DUG TO 15' NEAR THE EXISTING TRENCHES TO ESTABLISH A SOIL BUFFER. IF THERE IS LESS THAN 4' APPROVABLE SOIL BENEATH THE TRENCHES, NEW TRENCHES MUST BE INSTALLED TO SERVE A NEW HOUSE.
11. AN OSDS PLAN FOR THE TANK AND POSSIBLE NEW TRENCHES MUST BE SUBMITTED PRIOR TO BUILDING PERMIT APPROVAL.
12. THE LOWER WELL MUST BE ABANDONED PRIOR TO HOUSE DEMO AND THE UPPER WELL MUST BE UPGRADED WITH CASING ABOVE GRADE BY A LICENSED WELL DRILLER PRIOR TO DEMO. IF THE WELL CANNOT BE UPGRADED, IT WILL BE PROPERLY ABANDONED PRIOR TO DEMO AND A NEW WELL DRILLED PRIOR TO BUILDING PERMIT FOR THE NEW HOUSE.

Precedes March 22

confirmation by Field run date

Sealed

Sealed

Approval

PERC CERTIFICATION

I certify that the locations shown hereon 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 — 5/3/19 Date

Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/19

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

COUNTY HEALTH OFFICER — DATE

THE PURPOSE OF THIS PERC CERT IS TO CREATE A 10,000 SQFT ~~SEPTIC AREA~~ Sewage Disposal Area AND A 1500 SQFT WELL BOX TO SUPPORT A NEW HOUSE.

OWNER
NARINDER P CHADHA
LIBTI CHANNA
5000 WILD OLIVE CT
ELLICOTT CITY MD 21042

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

PERC CERTIFICATION PLAT
5000 WILD OLIVE COURT

TAX MAP #20 GRID: 11 PARCEL: 50
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MAY 3, 2019

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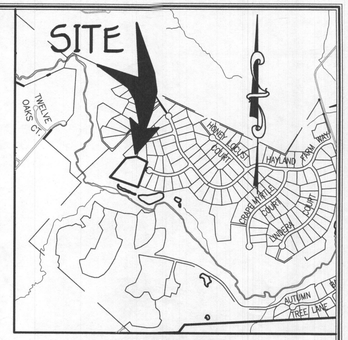
LEGEND

- 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 PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP

SCALE : 1" = 1200'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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 AREA 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 AREAS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL AND FIELD VERIFIED BY FISHER, COLLINS & CARTER, INC.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
10. DEED REFERENCE LIBER 10342 FOLIO 474.
11. A TEST HOLE MUST BE DUG TO 15' NEAR THE EXISTING TRENCHES TO ESTABLISH A SOIL BUFFER. IF THERE IS LESS THAN 4' APPROVABLE SOIL BENEATH THE TRENCHES, NEW TRENCHES MUST BE INSTALLED TO SERVE A NEW HOUSE.
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13. THE LOWER WELL MUST BE SEALED PRIOR TO HOUSE DEMO AND THE UPPER WELL MUST BE UPGRADED WITH CASING EXTENDED ABOVE GRADE BY A LICENSED WELL DRILLER PRIOR TO DEMO. IF THE WELL CANNOT BE UPGRADED, IT WILL BE PROPERLY SEALED PRIOR TO DEMO AND A NEW WELL DRILLED PRIOR TO BUILDING PERMIT APPROVAL FOR THE NEW HOUSE

PERC CERTIFICATION
I certify that the locations shown hereon 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 — 5/15/19 Date
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/19

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

Rebecca for Maura Rossman — 5/30/2019
COUNTY HEALTH OFFICER — DATE

THE PURPOSE OF THIS PERC CERT IS TO CREATE A 10,000 SQFT SEWAGE DISPOSAL AREA AND A 1500 SQFT WELL BOX TO SUPPORT A NEW HOUSE.

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

OWNER
NARINDER P CHADHA
KIRTI KHANNA
5000 WILD OLIVE CT
ELLICOTT CITY MD 21042

PERC CERTIFICATION PLAT
5000 WILD OLIVE COURT

TAX MAP #28 GRID: 11 PARCEL: 50
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MAY 13, 2019

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LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2 / MLA2 — SOIL LINES AND TYPES
- DENOTES EXISTING WELL
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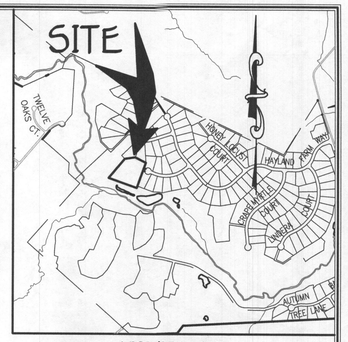

VICINITY MAP

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Signature of Professional Land Surveyor — Date 5/15/19
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/19

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

COUNTY HEALTH OFFICER — DATE 5/30/2019

THE PURPOSE OF THIS PERC CERT IS TO CREATE A 10,000 SQFT SEWAGE DISPOSAL AREA AND A 1500 SQFT WELL BOX TO SUPPORT A NEW HOUSE.

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CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
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OWNER
NARINDER P CHADHA
KIRTI KHANNA
5000 WILD OLIVE CT
ELLICOTT CITY MD 21042

PERC CERTIFICATION PLAT
5000 WILD OLIVE COURT

TAX MAP #20 GRID: 11 PARCEL: 50
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MAY 13, 2019

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LEGEND

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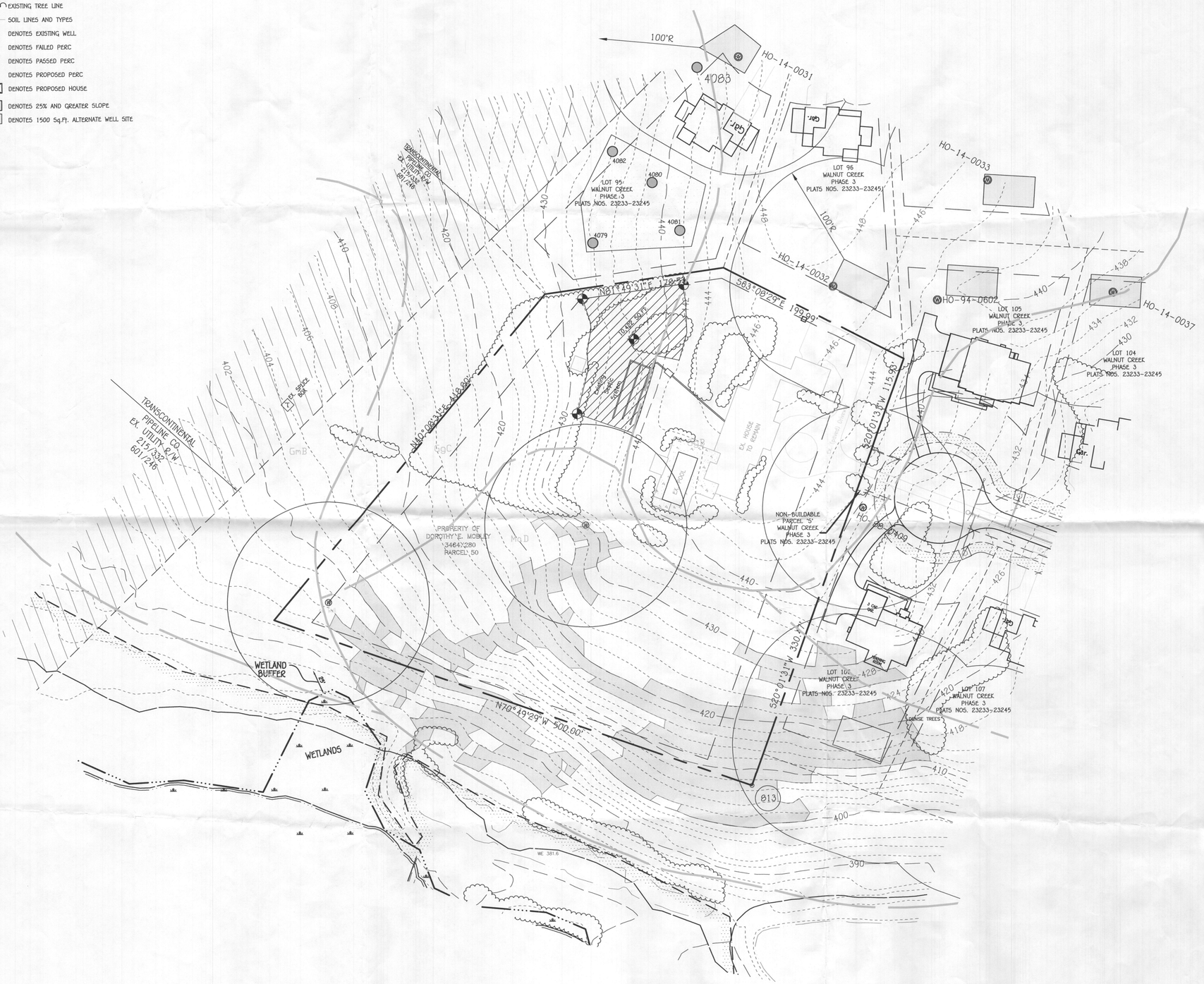

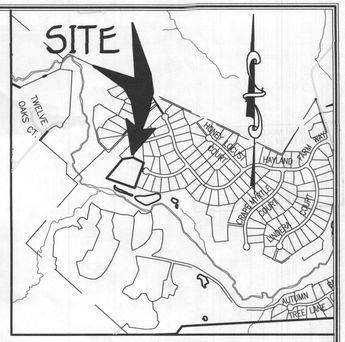

VICINITY MAP

SCALE : 1" = 1200'

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OWNER
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KIRTI KHANNA
5000 WILD OLIVE CT
ELLICOTT CITY MD 21042

PERC APPLICATION PLAT
5000 WILD OLIVE COURT

TAX MAP #28 GRID: 11 PARCEL: 50
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: FEBRUARY 14, 2018

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