



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: 7/15/15 **ONSITE SEWAGE DISPOSAL SYSTEM** P 556535
 APPROVAL DATE: 9/21/15 SEC **PERMIT: CONSTRUCTION** A _____
 PROPERTY ADDRESS: 11010 Blevins Drive
 SUBDIVISION: Blevins Property LOT: 8 TAX ID: _____
 CONTRACTOR: Hatfield's Equipment EMAIL: ken@hatfieldsequipment.com
 CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 20701 PHONE: 301-480-4289

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: Williamsburg Group LLC EMAIL: marinamorris@williamsburgllc.com
 OWNER ADDRESS: 5485 Harpers Farm Road, Columbia, MD 21044 PHONE: 410-997-8800

NORWECO TNTLP-
 BAT UNIT MODEL: 500GPD PUMP SIZE: 0.4HP PUMP TANK CAPACITY: 1500

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 7/22/15 DATE RECORDED: 7/23/15

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

TRENCHES:	LINEAR FEET REQUIRED: <u>78 115'</u>	INLET DEPTH: <u>3 2.5'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>3 5.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>13 10'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>Install 2 x 59' trenches</u>	

*old = 69 tons stone
new = 67 tons stone*

ISSUED BY: Robert Bricker ISSUE DATE: 7/15/15 EXPIRATION DATE: 7/15/16

- 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 SEPTIC 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 15003489
- NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- 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

See separate sheet
for as-built sketch

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 2.5' BOTTOM 5.5'

NUMBER OF TRENCHES 2

TOTAL LENGTH 119'

ABSORPTION AREA 357' + SIDEWALL

DISTRIBUTION BOX LEVEL YES

DISTRIBUTION BOX BAFFLE YES

DISTRIBUTION BOX PORT YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL YES

MANUFACTURER BACKRIVER

CAPACITY 1300 GAL

SEAM LOC TDP

TANK LID DEPTH 2'

BAFFLES NO

BAFFLE FILTER NO

MANHOLE LOC FRONT, MTD, REAR

6" PORT LOC NONE

WATERTIGHT TEST NO

SLOTTED NO

DATE ON LID 6-14-15

PUMP SEPTIC TANK LEVEL YES

MANUFACTURER BACKRIVER

CAPACITY 1500 GAL

SEAM LOC TDP

TANK LID DEPTH 2'

BAFFLES YES

BAFFLE FILTER NO

MANHOLE LOC FRONT

6" PORT LOC NONE

WATERTIGHT TEST NO

SLOTTED NO

DATE ON LID 6-26-15

MES0-11 1/2 hp pump

PRE-CONSTRUCTION:

7/24/15 Met Jeff from Hatfield's on site for layout. Tanks and SDA staked. Laid out 2x 53' trenches on upper western portion of SDA. 4-6" of fill over center of upper SDA, tapers out towards edges. Hatfield's will use laser while digging trenches to ensure level bottoms. D-box will be in the center in order for accessibility of future repairs. (SC)

INSTALLATION: 7/30/15 BAT and pump tank installed and house connection made. D-box installed and 2" force main connected between pump tank and D-box.

BAT startup certification received. (SC) 7/31/15 Trenches complete. T1 open and T2 open at ends. Trenches connected to D-box. 2' to stone, 3' wide. Well line dug and installed (- keeps 10'+ off force main. Need pump + alarm. (SC)

9/21/15 Pump + alarm with Jeff from Hatfield's. Alarm sounds, pump pumps to D-box. (SC)

FINAL INSPECTOR Sarah Collins . DATE OF APPROVAL 9/21/15

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

This is to certify that the Norweco Singlair TNT 600 GPD Septic Tank installed at 11010 Blevins Dr., Clarksville, MD 21029 was installed on July 30, 2015 according to the manufacture's specifications.

Installer: Jeff Reiter

Property Owner: Williamsburg Group

Permit #



MATTHEW GECKLE

Vice-President



Bureau of Environmental Health

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 23RD day of JULY 2015 among BRIAN + NICOLE MUNKO, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at Lot 8 11010 BLEVINS DR CLARKSVILLE, in the 5TH Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber 15785 Folio 325

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013. The pre-treatment device being installed is NORWECO 600.

NOW, THEREFORE, the parties hereto agree as follows:

- 2'
4'
- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require

maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Bed Nipon 7/23/2015
Howard County Health Department

[Signature] 7-22-15
Owner #1 Signature Date
BOB CORBETT
Williamsburg Group LLC
Owner #1 Print Name

Owner #2 Signature Date

Owner #2 Print Name

[Signature] 7/22/15
Buyer #1 Signature Date
BRIAN MUNRO
BRIAN MUNRO
Buyer #1 Print Name
NI-COLE MUNRO

[Signature] 7/22/15
Buyer #2 Signature Date
N.F. MUNRO 7/22/15
Buyer #2 Print Name

LR - Agreement
Recording Fee 20.00
Grantor/Grantee Name: MUNRO
Reference/Control #: 125
LR - Agreement Surcharge 40.00
SubTotal: 60.00
Total: 240.00
07/23/2015 01:41
#4581424 000503
Howard Co
01umbria/CC05.03.08 -
Register 08
CC13-ES



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

AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN ON-SITE TREATMENT SYSTEM

This agreement is entered into by and between the Howard County Health Department ("the Health Department") and Brian & Nicole Munro ("the Owner").

WHEREAS, the Owner owns a tract of land at street address 11010 Blevins Drive JH8, Clarksville, MD 21029 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 35, Block # , Parcel # 310, Deed Reference # 15765 and Tax Account # 325 ("the Property").

WHEREAS, the Property lacks an available public drinking water source and is required to have and individual well as the source of drinking water for the residence of the property.

WHEREAS, the Owner has installed a residential drinking well under well permit HO-73-0694 that has been tested by the Health Department (or a private laboratory certified to perform testing) for radionuclide particles. The results of the tests have shown that the gross alpha particle content and/or the gross beta particle content and/or the combined radium 226/228 levels exceeds the standards of 15 picocuries per liter (pCi /L), 4 millirems per year (mrem/yr) and/or 5pCi/L respectively.

2'
4'

WHEREAS, The Maryland Department of the Environment (MDE) has promulgated rules and regulations under which a Certificate of Potability may be issued and has delegated the authority to issue such Certificate to the Health Department.

WHEREAS, MDE regulations permit the Health Department to issue as a special condition, a permanent deviation to the Certificate of Potability for individual wells where treatment has been installed to meet the maximum contaminate levels (MCL's) for radionuclides.

WHEREAS, MDE has determined that radium can be effectively removed from the drinking water by the use of treatment devices (e.g., ion exchange or reverse osmosis).

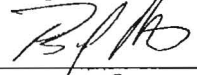
WHEREAS, the Owner is requesting that the Health Department issue a Certificate of Potability contingent upon installation and maintenance of a water treatment device to reduce radionuclides.


WHEREAS, neither the Owner nor the Health Department has knowledge of an alternative safe source of water for the Property.


NOW THEREFORE, the parties have agreed to the following terms and conditions:

1. The Owner will record this Agreement among the Land Records of Howard County, Maryland and provide confirmation to the Health Dept.
2. The Owner agrees to install and maintain a water treatment device, which effectively reduces the gross alpha, gross beta and radium levels to below their respective MCL. The Health Department shall verify that the treatment device is operating effectively and the Owner agrees to allow access to the Health Department to collect a follow-up sample(s).
3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable gross alpha, gross beta (short and long term) and radium 226 / 228 levels.
4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or long term impacts to health or property, under any circumstance or including, but not limited to, treatment device failure, improper maintenance or installation, or defect. The Health Department does not warranty or guarantee that the device will adequately or properly function and the Owner agrees to implement and pay for any necessary changes or corrections.
5. The Owner acknowledges and agrees that neither the Health Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system or treatment device.
6. This Agreement shall not be construed to limit any authority of the Health Department to protect the public health, safety or enjoyment of property or to issue any other orders to take any other action, which is now or may hereafter be within its authority.
7. This agreement contains the entire agreement and understanding between the Health Department and the Owner. There are no additional terms other than as contained in this Agreement. This Agreement may not be modified except in writing signed by each of the parties or their authorized representatives.
8. The Agreement shall run with the land and binds the Owner, his heirs, successors, and assigns. The owner agrees to provide a copy of this agreement to any purchaser or lessee of the property.
9. The laws of the State of Maryland govern the provisions of all transactions.

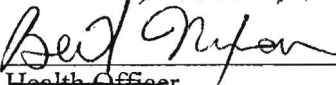
The parties have signed and sealed this Agreement on the dates set forth below.


 Owner Brian Munro Date 7/22/15

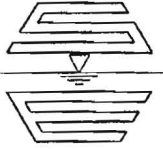

 Witness _____ Date 7/22/15


 Owner Nicole Munro Date 7/22/15


 Witness _____ Date 7/22/15


 Health Officer _____ Date 7/23/2015
 ENV. HEALTH DIRECTOR

LP - Agreement
 Recording Fee 20.00
 Grantor/Grantee Name: MUMRO
 Difference/Control #: _____
 Agreement 40.00
 Subtotal: 60.00
 Total: 240.00
 07/23/2015 01:41 CC19-ES
 #4501424 C005003
 Howard Co
 Columbia/CO05.03.05
 Register-08



11130 Dovedale Court, Suite 200
Marriottsville, MD 21104
Website: www.sillengineering.com

Office: 443-325-5076
Fax: 410-696-2022
Email: info@sillengineering.com
Civil Engineering for Land Development

SILL ENGINEERING GROUP, LLC

April 06, 2015

Howard County Health Department
Bureau of Environmental Health
8390 Stanford Boulevard
Columbia, Maryland 21045

Attn: Mr. Jeff Williams

Re: Blevins Property
Lot 8
Pump Design

Dear Mr. Williams:

Please find below the Pump Design for this project. Based on this design we recommend a Myers WRH5 pump within a C.R. Semler, Inc 1,500 gallon top seam tank.

- Design Flow: 750 GPD
 - Diameter of Force Main: 1.5" 2"
 - Material: Schedule 40 PVC
 - Dose Calculations:
 - Design Flow: 750 gpd
 - Length of force main:
 - 1.5" force main = 78.5'
 - Volume of force main:
 - 150.8' x 10.6 gallons per 100' = 8.3 gallons
 - Minimum dose is the greater of:
 - Volume of force main: 8.3
 - Or
 - 1/6th the design flow: 1/6 x 750 gallons = 125.0 gallons
- Use 100 gallons for dose
- Pump Design:
 - Pump flow required: 30 gpm
 - Dose amount: 125 gallons
 - Pump run time: 4.2 minutes
 - Static head (see profile for detail): 11.43' use 11.5'

Addendum
To BAT Plan
'OK' reB 4/13/15

Blevins Property
 Lot 8
 April 06, 2015

- Friction head calculation (Table 4.3):

Pipe size	-	1.5"
1/4 Bend (90°)	-	1 @ 5.0' = 5.0'
1/8 Bend (45°)	-	3 @ 3.0' = 12.0'
1/16 Bend (22.5°)	-	2 @ 1.5' = 3.0'
1/32 Bend (11.25°)	-	-
Gate Valve	-	1 @ 1.0' = 1.0'
Standard Tee	-	-
Run Tee	-	-
Cross	-	-
Reducer	-	-
Couplings	-	3 @ 1.5' = 4.5'
Total Equivalent Length of pipe	-	25.5'

- Flow at 1.5" pipe = 30 gpm
 - Friction loss per 100' (Table 4.4) of 1.5" schedule 40 plastic pipe: 3.75
 - Total equivalent length of 1.5" Force Main and appurtenances =
 $78.5' + 25.5' = 104.0'$
 - Friction loss in 1.5" pipe = $104.0'/100 \times 3.75 = 3.90'$
- Total Friction Head = 3.90'
- Total Dynamic Head = Static head + Distal Head + Friction head
 $- 11.5' + 2.0' + 3.90' = 17.4'$ use 17.5'
- Pump Chamber Design:
 - For pump tank dimensions and detail, see plans.
 - Pump chamber elevations:
 - Proposed grade at top of tank (at inlet): 481.20
 - Top of pump tank: 479.40
 - Pump chamber invert in: 478.31
 - High Water Alarm: 475.60
 - Pump On: 475.10
 - Pump Off: 474.73
 - Bottom inside slab of tank: 473.23
 - Pump Chamber volumes:
 - Invert In to Pump On: 147.05 cf or 1,100.0 gallons
 - Pump On to Pump Off: 16.95 cf or 124.8 gallons
 - Excess (High Water Alarm to invert in): 124.15 cf or 928.7 gallons
 - Design based on:
 - Norweco Singlair Model 500 or equivalent
 - Meyers SRM4 series pump or equivalent

OK
 rdb

Blevins Property
Lot 8
April 06, 2015

Thank you for your consideration of this Pump Design. Should you have any questions or comments regarding this matter, please do not hesitate to contact this office.

Sincerely,
Sill Engineering Group, LLC



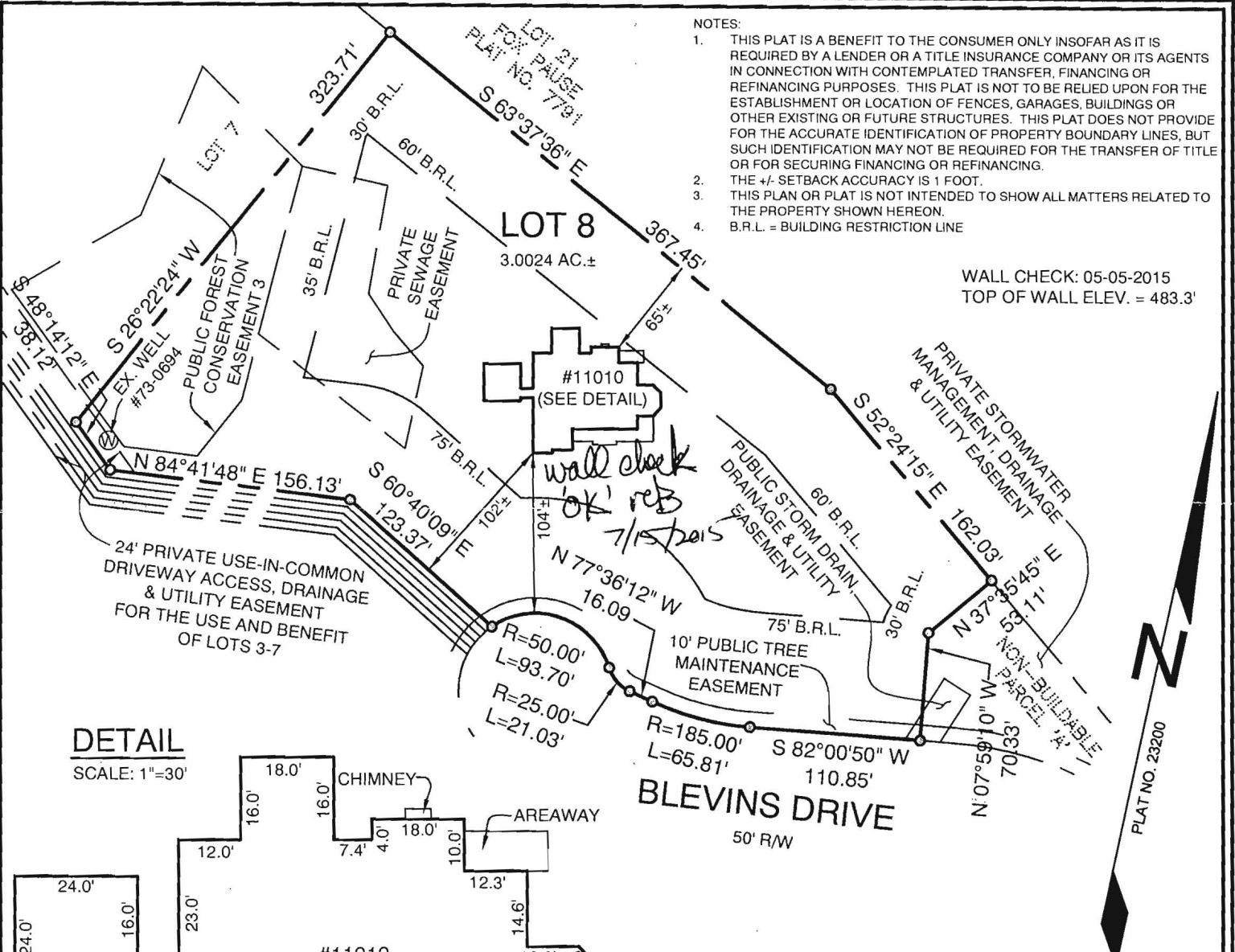
Paul M. Sill, PE, LEED AP

'OK'
reB

NOTES:

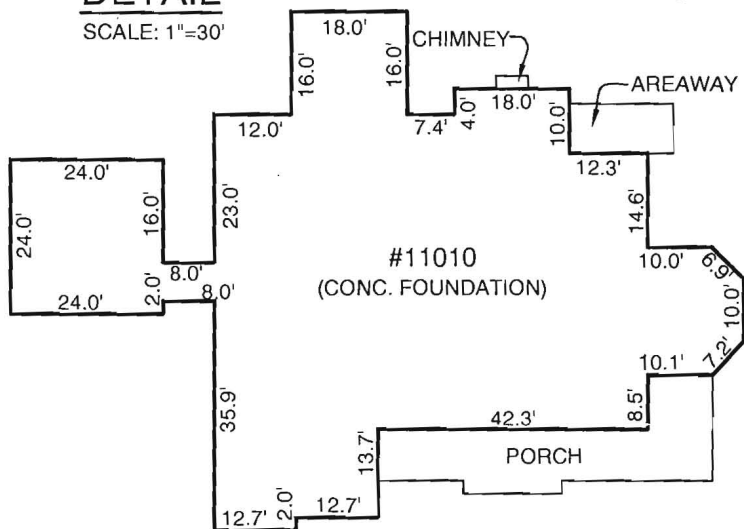
1. THIS PLAT IS A BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING PURPOSES. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE STRUCTURES. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR FOR SECURING FINANCING OR REFINANCING.
2. THE +/- SETBACK ACCURACY IS 1 FOOT.
3. THIS PLAN OR PLAT IS NOT INTENDED TO SHOW ALL MATTERS RELATED TO THE PROPERTY SHOWN HEREON.
4. B.R.L. = BUILDING RESTRICTION LINE

WALL CHECK: 05-05-2015
TOP OF WALL ELEV. = 483.3'



DETAIL

SCALE: 1"=30'



THIS LOT DOES NOT APPEAR TO LIE WITHIN THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE F.E.M.A. FLOOD HAZARD MAP 24015C-0152-E AS REVISED MAY 4, 2015.

LOCATION DRAWING
11010 BLEVINS DRIVE
LOT 8
BLEVINS PROPERTY
LOTS 1 THRU 8
& NON-BUILDABLE PARCEL 'A'
ELECTION DISTRICT NO. 5
HOWARD COUNTY, MARYLAND

I HEREBY CERTIFY THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS LOCATION DRAWING AND THE SURVEY WORK REFLECTED IN IT, IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN THE CODE OF MARYLAND TITLE 9, SUBTITLE 8, CHAPTER 2, REGULATION 2, AND THE POSITION OF EXISTING IMPROVEMENTS AS SHOWN HEREON, ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

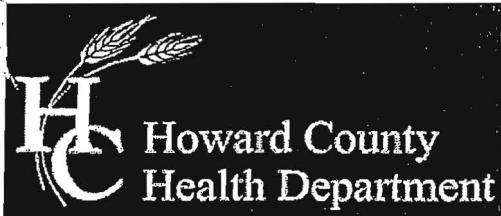
MICHAEL D. ADCOCK
PROFESSIONAL LAND SURVEYOR
NO. 21257, EXPIRATION DATE: 06-16-2015

Adcock & Associates · LLC

Engineers · Surveyors · Planners

3300 North Ridge Road, Suite 160
Ellicott City, Maryland 21043
Phone: 443.325.7682 Fax: 443.325.7685
Email: mike@saaland.com

REFERENCE:	PLAT NO. 23200
DATE:	MAY 11, 2015
SCALE:	1"=100'
FILE NO.:	11-054



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

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A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.

B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

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Red Nipon 7/23/2015
Howard County Health Department

[Signature] 7-22-15
Owner #1 Signature Date
BOB CORBETT
Williamsburg Group LLC
Owner #1 Print Name

Owner #2 Signature Date

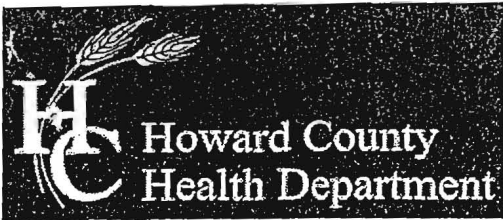
Owner #2 Print Name

[Signature] 7/22/15
Buyer #1 Signature Date
BRIAN MUNRO

Buyer #1 Print Name
NICOLE MUNRO

[Signature] 7/22/15
Buyer #2 Signature Date
N.F. MUNRO

Buyer #2 Print Name



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

**AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN
ON-SITE TREATMENT SYSTEM**

This agreement is entered into by and between the Howard County Health Department ("the Health Department") and Brian & Nicole Munro ("the Owner").

WHEREAS, the Owner owns a tract of land at street address 11010 Blevins Drive #18, Clarksville, MD 21029 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 35, Block # , Parcel # 310, Deed Reference # 15765 and Tax Account # 325 ("the Property").

WHEREAS, the Property lacks an available public drinking water source and is required to have and individual well as the source of drinking water for the residence of the property.

WHEREAS, the Owner has installed a residential drinking well under well permit HO-73-0694 that has been tested by the Health Department (or a private laboratory certified to perform testing) for radionuclide particles. The results of the tests have shown that the gross alpha particle content and/or the gross beta particle content and/or the combined radium 226/228 levels exceeds the standards of 15 picocuries per liter (pCi/L), 4 millirems per year (mrem/yr) and/or 5pCi/L respectively.

WHEREAS, The Maryland Department of the Environment (MDE) has promulgated rules and regulations under which a Certificate of Potability may be issued and has delegated the authority to issue such Certificate to the Health Department.

WHEREAS, MDE regulations permit the Health Department to issue as a special condition, a permanent deviation to the Certificate of Potability for individual wells where treatment has been installed to meet the maximum contaminate levels (MCL's) for radionuclides.

WHEREAS, MDE has determined that radium can be effectively removed from the drinking water by the use of treatment devices (e.g., ion exchange or reverse osmosis).

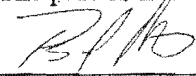

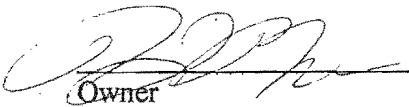

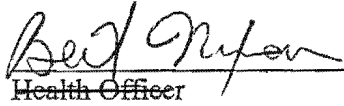
WHEREAS, the Owner is requesting that the Health Department issue a Certificate of Potability contingent upon installation and maintenance of a water treatment device to reduce radionuclides.

WHEREAS, neither the Owner nor the Health Department has knowledge of an alternative safe source of water for the Property.

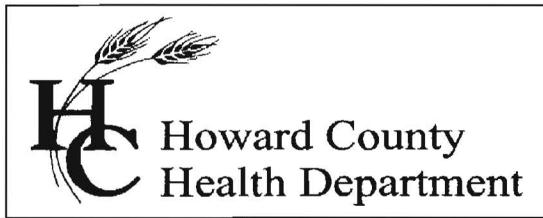
NOW THEREFORE, the parties have agreed to the following terms and conditions:

1. The Owner will record this Agreement among the Land Records of Howard County, Maryland and provide confirmation to the Health Dept.
2. The Owner agrees to install and maintain a water treatment device, which effectively reduces the gross alpha, gross beta and radium levels to below their respective MCL. The Health Department shall verify that the treatment device is operating effectively and the Owner agrees to allow access to the Health Department to collect a follow-up sample(s).
3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable gross alpha, gross beta (short and long term) and radium 226 / 228 levels.
4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or long term impacts to health or property, under any circumstance or including, but not limited to, treatment device failure, improper maintenance or installation, or defect. The Health Department does not warranty or guarantee that the device will adequately or properly function and the Owner agrees to implement and pay for any necessary changes or corrections.
5. The Owner acknowledges and agrees that neither the Health Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system or treatment device.
6. This Agreement shall not be construed to limit any authority of the Health Department to protect the public health, safety or enjoyment of property or to issue any other orders to take any other action, which is now or may hereafter be within its authority.
7. This agreement contains the entire agreement and understanding between the Health Department and the Owner. There are no additional terms other than as contained in this Agreement. This Agreement may not be modified except in writing signed by each of the parties or their authorized representatives.
8. The Agreement shall run with the land and binds the Owner, his heirs, successors, and assigns. The owner agrees to provide a copy of this agreement to any purchaser or lessee of the property.
9. The laws of the State of Maryland govern the provisions of all transactions.

The parties have signed and sealed this Agreement on the dates set forth below.

 _____ Owner	7/22/15 _____ Date	 _____ Witness	7/22/15 _____ Date
 _____ Owner	7/22/15 _____ Date	 _____ Witness	7/22/15 _____ Date
 _____ Health Officer	7/23/2015 _____ Date		

ENV. HEALTH DIRECTOR



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
Main: 410-313-6300 | Fax: 410-313-6303
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

April 23, 2013

Gilbert Blevins
11986 Hall Shop Road
Clarksville, MD 21029

RE: Variance request
11986 Hall Shop Road
Tax Map 35 Parcel 310
Howard County, Maryland

Dear Mr. Blevins,


The Health Department submitted a variance request on your behalf for the potential development of 11986 Hall Shop Road (Tax Map 35, Parcel 310) that includes installation of a septic system drainfield upgradient of a neighbor's well. Consideration of the soil conditions and percolation test results, assumed groundwater flow patterns, and landscape position were some of the factors used in making our recommendation for approval.

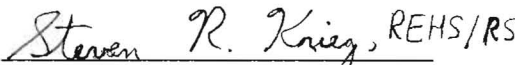
The Maryland Department of the Environment (MDE) has accepted our recommendation to approve the variance request subject to the specific conditions that are described below. The pending approval will allow for the septic system drainfield and reserve area to be established at least 200 feet distance from well HO-81-6125 at 11950 Hall Shop Road.

Due to the geology, soils characteristics, and landscape position of the sewage areas in relation to the proposed well, the request may be approved subject to the following conditions:

1. A low-pressure distribution system is utilized to disburse the septic tank effluent throughout the drainfield to be installed.

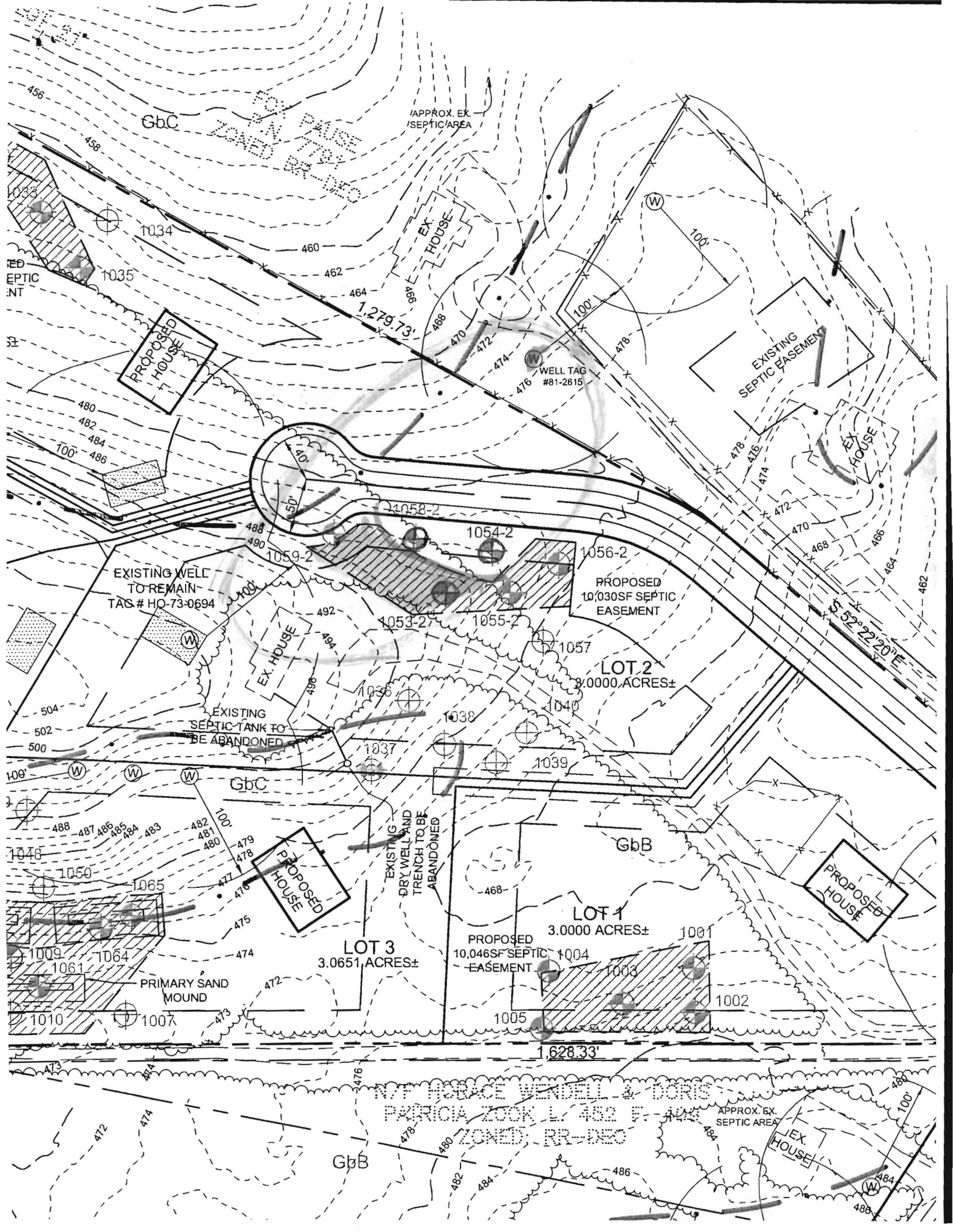
If you have any questions regarding this letter, you may contact me at the above address or by calling (410) 313-1771.

Sincerely,

Robert Bricker, REHS/R.S.
Well and Septic Program


Maryland Department of the Environment

COPY: Bob Corbett, Williamsburg Group
file

Blevins Property, Lot 2



FOR PAUSE
ZONED RR-DEC

APPROX. EX.
SEPTIC AREA

EXISTING
SEPTIC
TANK

PROPOSED
HOUSE

EXISTING
HOUSE

EXISTING
SEPTIC EASEMENT

EXISTING
HOUSE

EXISTING WELL
TO REMAIN
TAG # HO-73-0694

PROPOSED
10,030SF SEPTIC
EASEMENT

EXISTING
SEPTIC TANK TO
BE ABANDONED

LOT 2
3.0000 ACRES±

GbC

GbB

PROPOSED
HOUSE

EXISTING
DRY WELL AND
TRENCH TO BE
ABANDONED

PROPOSED
HOUSE

LOT 3
3.0651 ACRES±

PROPOSED
10,046SF SEPTIC
EASEMENT

LOT 1
3.0000 ACRES±

PRIMARY SAND
MOUND

N/R BOBACE WENDELL & DORIS
PATRICIA ZOOK L. 482 F. 1944
ZONED: RR-DEC

APPROX. EX.
SEPTIC AREA

EXISTING
HOUSE

GbB

ATTN: KEVIN WOLF



Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Dr. Peter Beilenson, M.D., M.P.H., Health Officer

DEMOLITION REQUEST FORM

(Please fill in all blanks)

Information of Property to be Demolished:

GILBERT BLEVINS 11986 HALL STOP Rd. 21029
Current Owner's Name Property Address

N/A Subdivision (if applicable) Lot #

NONE All Prior Owners' Names (if requested or known) 035 0310 05-343356
Tax Map Parcel # Tax ID # SDAT

RESIDENTIAL SUBDIVISION Purpose/Reason for Demolition

RESIDENTIAL HOUSING Future plans of property after demo (i.e. subdivision, parking lot, re-build new house, etc...)

If a subdivision, SDP# F13-094 Has the structure(s) been deemed unsafe by DILP YES NO

UTILITY RECORDS:

Property currently connected to public water YES NO

Property currently connected to public sewer YES NO

Does the property currently have any wells and/or septic systems YES NO
Explain: SEPTIC HAS BEEN ABANDONED. WELL WILL REMAIN FOR USE ON NEW SINGLE FAMILY DETACHED HOME

*Note: Any wells and/or septic systems that are to remain may require an approved percolation certification plan under Howard County Code Sec. 3.805

*Note: Any septic systems that are to be abandoned must be done by a septic contractor with documentation of the process.

*Note: All abandoned wells are to be sealed by a well driller licensed by the Maryland State Board of Well Drillers COMAR Sec 26.04.04.11 Abandonment Standards D (3)

COMMENTS:

BOB CORBETT Applicant's Name (please print)

410-977-3343 Applicant's Phone #

Bob Corbett @ Williamsburg LLC, com Applicant's Email

410-997-4358 Applicant's Fax #

[Signature] Applicant's Signature

7-29-14 Date




Bureau of Environmental Health
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TDD 410-313-2323 | Toll Free 1-866-313-6300
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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

MEMORANDUM

Sent via email to bobcorbett@williamsburgllc.com on 8/4/2014

TO: Williamsburg Homes
Attn: Bob Corbett

FROM: Kevin M. Wolf, R.E.H.S./R.S., LEHS 
HCHD, Well & Septic Program
Groundwater Mgmt. Sec.

DATE: August 4, 2014

RE: **11986 Hall Shop Road – Blevins Property proposed lot 8**
Clarksville, MD 21029
M. 35, G.19 P. 310– 26.01 AC
(Demolition of existing structure – rebuild new SFD)

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the above referenced property.

The existing drilled well that was utilized for the above referenced property has been properly located. This well will be utilized for the new property within the proposed subdivision lot 8. Protective devices must be kept in place during demolition and construction phases so that the well does not get damaged. Potability testing on this well will need to occur prior to use and occupancy.

The existing septic system on this property has been abandoned and sealed. This task was completed by Associated Excavators Contractors on 7/28/14. A Confirmation letter was received by our office and reviewed for compliance.

Current utility records show this parcel does not have access to public utilities. If you plan to re-build on this parcel, you will need to install the well and septic per Howard County specifications and regulations (i.e. percolation certification plan).

If any wells or septic systems are found during site work, you must notify this office immediately!

KMW
Cc: File

WP-73-0694

ASSOCIATED EXCAVATORS CONTRACTORS, LLC
16657 FREDERICK ROAD
MT. AIRY, MD 21771
(410) 442-1886 FAX (410) 442-0100

July 28, 2014

Howard County Health Department
C/o Robert Brickford
7178 Columbia Gateway Drive
Columbia, MD 21045

Dear Mr. Brickford:

This letter is to inform you that my company performed the abandonment of the septic and drywell located at 11986 Hall Shop Road Clarksville, Md 21029.

Please note drawing to follow.

If you have any questions please call me at (410) 977.2216.

Thank you,

Mike Johnson

