



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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 7/7/16

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 558786

APPROVAL DATE: 11/4/16 **SEC**

**PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 3411 Warfield Pond Overlook

SUBDIVISION: Warfield Pond Overlook

LOT: 3

TAX ID: 04-597004

CONTRACTOR: Hatfield's Equipment

EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 20701

PHONE: 301-490-4289

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:



MDE



MANUFACTURER:

PROPERTY OWNER: George Roscoe

EMAIL:

OWNER ADDRESS: 3410 Warfield Pond Overlook, Glenwood, MD 21738

PHONE:

BAT UNIT MODEL: Norweco TNT 500

PUMP SIZE: 0.5 hp

PUMP TANK CAPACITY: 1,500 gallons

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: 7/12/16

DATE RECORDED: 7/13/16

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>187</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</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:	Install <del>3 x 62'</del> trenches on contour on upper part of SRA. <u>4 x 47'</u>	

ISSUED BY: Hank Oswald

ISSUE DATE: 8/4/16

EXPIRATION DATE: 8/4/17

**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 DOWNGRAIDENT 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 16003652

**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.**

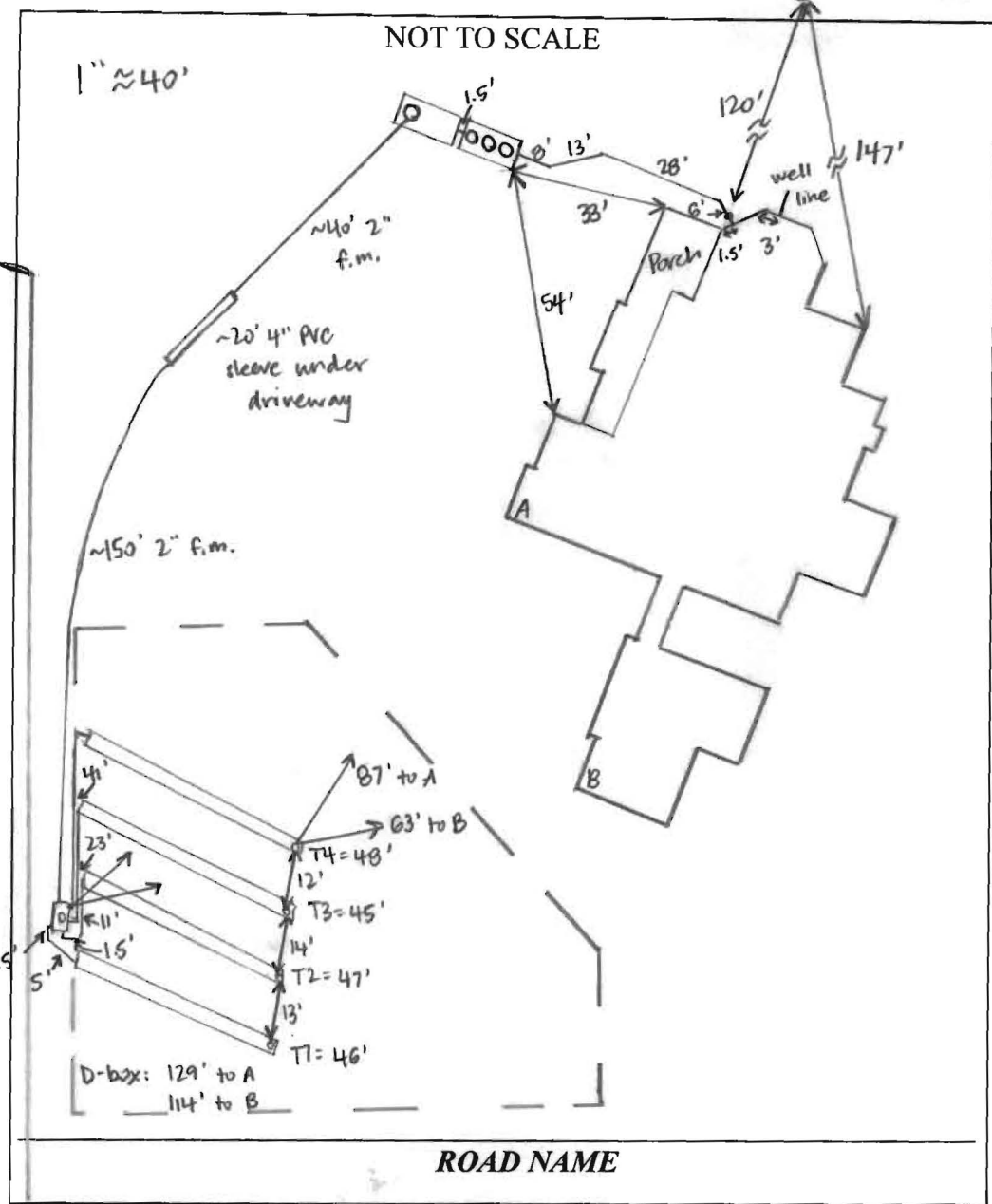
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

**CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

W10-95-1931

NOT TO SCALE

1" ≈ 40'



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		4
TOTAL LENGTH		186'
ABSORPTION AREA		372' + SIDEWALL
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		ELBOW
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BACKRIVER/ NORWECO
CAPACITY	1300 GAL
SEAM LOC	TOP
TANK LID DEPTH	2'
BAFFLES	NONE
BAFFLE FILTER	NO
MANHOLE LOC	FRONT, MID, REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	6-8-16

PUMP/SEPTIC TANK LEVEL	YES
MANUFACTURER	BACKRIVER
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	1'
BAFFLES	NO
BAFFLE FILTER	NO
MANHOLE LOC	REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	6-2-16
Pump:	MESOLL 1/2 hp

PRE-CONSTRUCTION:

8/4/16 Met Hatfield's on site for layout. All SDA + tank stakes present. Shot contour and laid out 4 x 47' trenches. Force main will be sleeved under driveway. (SC)

INSTALLATION:

8/9/16 House connection made. Both tanks set + connected to house. D-box installed + force main run from pump tank to D-box. 4" PVC sleeve under driveway. T1 + T2 complete + left open at ends. 2.5' to stone. Hatfield's digging T3, not using laser but checking depth with marked pipe. (SC) 8/10/16 T4 complete + left open. Levelled speed levelers in D-box - requested levelers b/c D-box outlet pipes were at different heights. Need BAT startup certification and pump + alarm. (SC) 8/15/16 BAT startup certification received. (SC) 11/4/16 On site for pump + alarm. Pump pumps effluent to D-box, alarm sounds. Norweco alarm sounds + aerator runs. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 11/4/16



## 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

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

THIS AGREEMENT is made this 12<sup>th</sup> day of JULY 2016 among DOUG & ASHLEY GASCH, 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 3, 3411 WARFIELD ROAD OVERLOOK, in the 4<sup>th</sup> Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 21, Block #       , Parcel # 183, Deed Reference # 6833/00372 and Tax Account # 04-597004 ("the Property").

WHEREAS, The Property 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 61-00.

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice 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.

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.

Overpayment by Check 1.00  
Reason: check over  
Check: 30

Total: 61.00  
07/13/2016 11:36  
CC13-SB

#6520119 CC0503 -  
#6520119 CC05.03.04 -  
Register 04

LR - Agreement  
Recording Fee 20.00  
Grantor/Grantee Name:  
Gasch  
Reference/Control #: 30  
LR Agreement  
Surcharge 40.00  
Subtotal: 60.00  
Total: 61.00  
07/13/2016 11:36  
CC13-SB  
#6520119 CC0503 -  
Howard Co  
Columbia/CC05.03.04 -  
Register 04

JW 2/22/2016

000030

E. This agreement shall run with the land and upon Owner's taking title to the Property 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 Property that the system shall require maintenance or other attention. Upon taking title to the Property, 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.

Bert Nye 7/12/2016  
Howard County Health Department

[Signature]  
Owner #1 Signature      Date  
BOB CORBETT  
Williamsburg Group LLC  
Owner #1 Print Name

\_\_\_\_\_  
Owner #2 Signature      Date  
\_\_\_\_\_  
Owner #2 Print Name

[Signature] 07-12-16  
Buyer #1 Signature      Date

[Signature] 07-12-16  
Buyer #2 Signature      Date

Ashley Gasch 7/12/16  
Buyer #1 Print Name

Doug Gasch  
Buyer #2 Print Name



**Williams, Jeffrey**

---

**From:** Zach Fisch <zfisch@FSHERI.COM>  
**Sent:** Wednesday, March 16, 2016 11:23 AM  
**To:** Williams, Jeffrey  
**Cc:** Bob Corbett  
**Subject:** Trench design specifications for BAT G. Roscoe property lots 2 and 3.

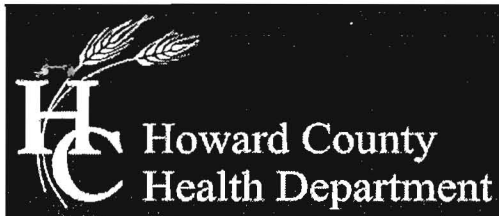
Hi Jeff

We are planning BAT systems for G. Roscoe property lots 2 and 3.  
The percolation testing was done under the address 14527 MacClintock drive.  
Now the lots are recorded and they appear under the following addresses:  
Lot 3: 3411 Warfield Pond overlook  
Lot 2: 3415 Warfield Pond Overlook.  
Please send me the trench design specifications for lots 2 and 3.

Thank you

Zacharia Y. Fisch P.E , Principal  
FSH ASSOCIATES LLC  
6339 Howard Lane  
Elkridge MD 21075  
Tel. (410)567-5200 EXT.230  
Fax.(410)796-1562  
E-mail [zfisch@fsheri.com](mailto:zfisch@fsheri.com)

*\*This email message is intended only for the addressee and may contain confidential and/or privileged material. Any interception, review, retransmission, dissemination, copying or other use of, or taking of any action upon this information by persons or entities other than the intended recipient is prohibited by law and may subject them to criminal or civil liability. If you received this communication in error, please contact us immediately at (410) 567-5200, delete the communication from any computer or network system and destroy all copies of the message. Although this e-mail (including attachments) is believed to be free of any virus or other defect that might negatively affect any computer system into which it is received and opened, it is the responsibility of the recipient to ensure that it is virus free, and no responsibility is accepted by the sender for any loss or damage arising in any way in the event that such a virus or defect exists.*



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

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

THIS AGREEMENT is made this 6<sup>th</sup> day of JULY 2016, among DOUG & ASHLEY GASCH, 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 3, 3411 WARFIELD ROAD OVERLOOK, in the 4<sup>TH</sup> Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 21, Block #     , Parcel # 183, Deed Reference # 16833/00372 and Tax Account # 04-597004 ("the Property").

WHEREAS, The Property 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:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice 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.

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 Property 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 Property that the system shall require maintenance or other attention. Upon taking title to the Property, 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.

Bob Corbett 7/12/2016  
Howard County Health Department

[Signature]  
Owner #1 Signature                      Date  
BOB CORBETT  
Williamsburg Group LLC  
Owner #1 Print Name

\_\_\_\_\_  
Owner #2 Signature                      Date  
\_\_\_\_\_  
Owner #2 Print Name

[Signature] 07-12-16  
Buyer #1 Signature                      Date

Ashley Gasch 7/12/16  
Buyer #1 Print Name

x [Signature] 07-12-16  
Buyer #2 Signature                      Date

Doug Gasch  
Buyer #2 Print Name

7/21/16  
Wall Check  
Approved  
Kuen

LOT 1  
3.111 act

34' Private  
Stormwater  
Management  
Use-In-Common  
Access &  
Drainage  
Easement for  
lots 2 & 3

LOT 2  
3.122 act

Private  
Septic Easement  
10,000 sf

Approved Private  
Easement Septic  
10,000 sf

LOT 3  
3.178 act

Poured Foundation  
Top of Wall  
Elev. 556.63

PARCEL 8  
Ernest J. Colvin  
Parcel 3, Plat# 10745  
L.1203, F.362  
ZONING: RR-DEO  
Howard County Agricultural  
Land Preservation Program  
Easement #HO-91-20-E

OPEN SPACE  
LOT 4  
0.778 act  
Dedicated to and  
maintained by Howard  
County, Maryland  
Department of  
Recreation and Parks.

Public  
Forest Conservation  
Easement  
0.778 act  
0.298 act Retention  
0.480 act Afforestation

PLAN VIEW  
SCALE: 1"=100'

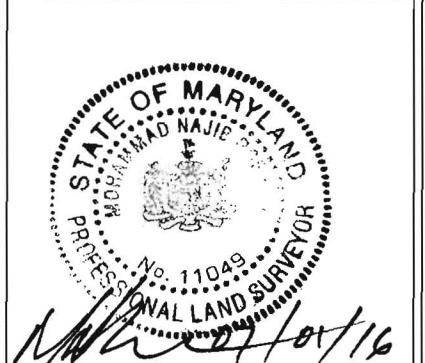
DIMENSIONS FROM FOUNDATION WALL TO PROPERTY LINE ARE +/-0.1'.  
ADDRESS No.: 3411 Warfield Pond Overlook  
TOP OF WALL ELEV. = 556.63'  
THIS LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY  
INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE  
COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED  
TRANSFER, FINANCING OR REFINANCING.  
THIS LOCATION DRAWING IS NOT TO BE RELIED UPON FOR THE  
ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR  
OTHER EXISTING OR FUTURE IMPROVEMENTS.  
THIS LOCATION DRAWING DOES NOT PROVIDE FOR THE ACCURATE  
IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH  
IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE  
OR SECURING FINANCING OR REFINANCING.

FSH Associates

Engineers Planners Surveyors  
6339 Howard Lane, Elkridge, MD 21075  
Tel:410-567-5200 Fax: 410-796-1562  
E-mail: FSHERI.COM

Professional Certification. I hereby certify that these documents were  
prepared by me or under my responsible charge, and that I am a duly  
licensed property line surveyor under the laws of the State of Maryland,  
License No. 11049, Expiration Date: February 10, 2017.

WALL CHECK SHEET 1 OF 2	
FOUNDATION	Date: 07/01/16
FINAL	Date:
DRAWN BY:	CRH2
SCALE:	As Shown
W.O. No.:	3418



LOT 3  
WARFIELD POND OVERLOOK  
3411 Warfield Pond Overlook  
MDR PLAT No. 22942-3  
TAX MAP 21 GRID 04  
PARCEL NO. 247  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

Maryland State Grid (NAD 83/91)

HOWARD COUNTY MD  
PARKS AND RECREATION  
PARCEL 9  
L.2643, F.218  
ZONING: RR-DEO

C:\Survey\PROJECTS CIVIL\3013478-Warfield Estates aka Roscoe\Survey\wallcheck\wallcheck\lot3-wallcheck.dwg, WALL CHECK SHEET 1 OF 2, 11:13:15 AM, CHENPUM, 1:1

# 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 3411 Warfield Pond Overlook, Glenwood, MD 21738 August 8, 2016 was installed according to the manufacture's specifications.

Installer: Jeff Reiter

Property Owner: Williamsburg Group, LLC

Permit #

**THIS CERTIFICATION IS FOR INSTALLATION  
ONLY. THE 5-YEAR OPERATIONS &  
MAINTENANCE AGREEMENT FROM DATE OF  
INSTALLATION WILL ONLY GO INTO EFFECT  
AFTER BACK RIVER PRE-CAST, LLC RECEIVES  
FINAL AND FULL PAYMENT FOR THE SYSTEM.**



---

MATTHEW GECKLE  
Vice-President



