

**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: 12/1/14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 555339

INSTALLATION APPROVAL DATE: 3/9/15 **PERMIT** A \_\_\_\_\_  
 (Kw)

**CONSTRUCTION**

PROPERTY ADDRESS: 6223 Heather Glen Way

SUBDIVISION: Preserve at Clarksville LOT: 29 TAX ID: 05-448433

CONTRACTOR: \_\_\_\_\_ EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PROPERTY OWNER: Williamsburg Group EMAIL: \_\_\_\_\_

OWNER ADDRESS: 5485 Harpers Farm Road, Columbia, MD 21044 PHONE: 410-410-997-8800

BAT UNIT MODEL: Norweco PUMP SIZE: \_\_\_\_\_ PUMP TANK CAPACITY: 750 GPD

DISTRIBUTION SYSTEM: GRAVITY  LOW PRESSURE DOSED  NUMBER OF BEDROOMS: 5

App Rate = 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>87 140'</u> (2x70)	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u> ✓	MAXIMUM BOTTOM DEPTH: <u>8 7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>12'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u> ✓

LOCATION: **PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**

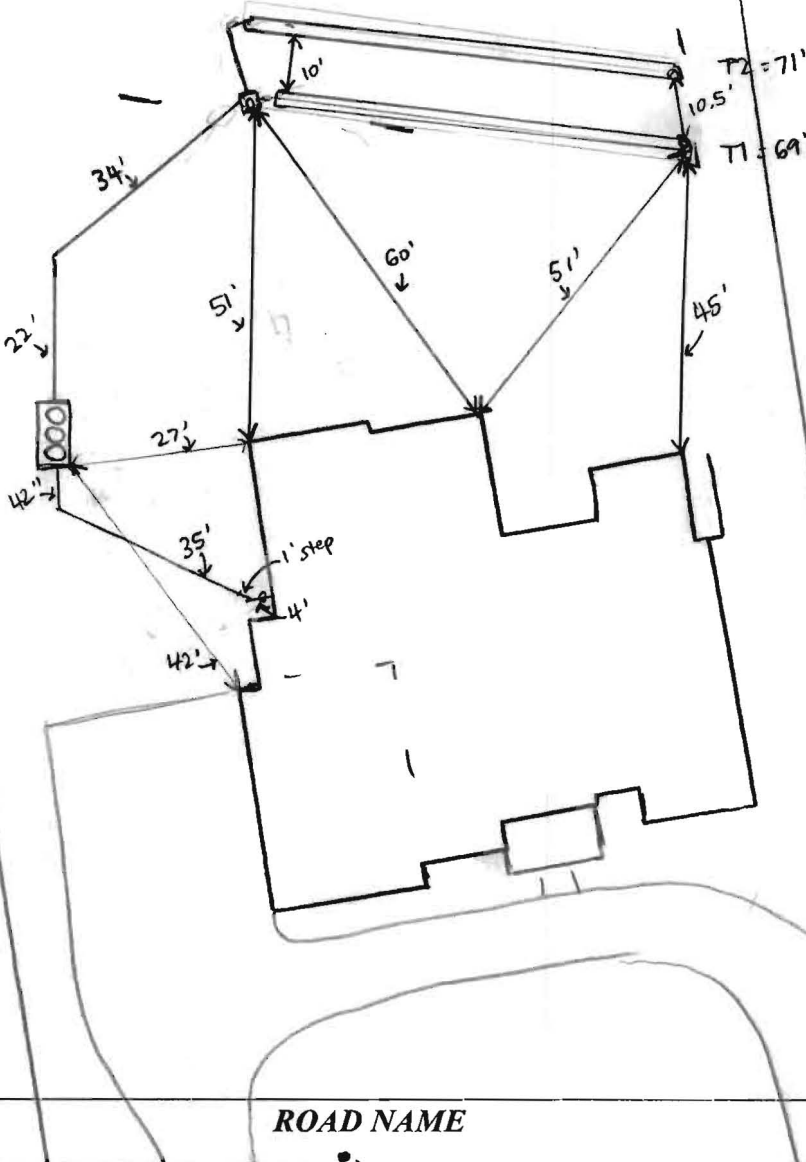
NOTES: \* File Lost. Original Perc Notes Found. Specs Adjusted as is. High H<sub>2</sub>O. See perc 425, 426, 422, 423 (Kw)  
Future Repair bottom @ 6' Max!

ISSUED BY: Jeff Williams ISSUE DATE: 12/1/14 EXPIRATION DATE: 12/1/15

- 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 DOWNGRADE 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
- 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



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	4'	7'

NUMBER OF TRENCHES 2

TOTAL LENGTH 140'

ABSORPTION AREA 420' + SIDEWALL

DISTRIBUTION BOX LEVEL YES

DISTRIBUTION BOX BAFFLE YES - 2 BRICKS

DISTRIBUTION BOX PORT YES

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL \_\_\_\_\_

MANUFACTURER BACKRIWER

CAPACITY 1300 GAL

SEAM LOC TOP

TANK LID DEPTH 3'

BAFFLES NONE

BAFFLE FILTER N/A

MANHOLE LOC FRONT, MID, & REAR

6" PORT LOC NONE

WATERTIGHT TEST N/A

SLOTTED NO

DATE ON LID 12/16/14 ON SIDE

~~PUMP/SEPTIC TANK LEVEL \_\_\_\_\_~~

~~MANUFACTURER \_\_\_\_\_~~

~~CAPACITY \_\_\_\_\_ GAL~~

~~SEAM LOC \_\_\_\_\_~~

~~TANK LID DEPTH \_\_\_\_\_~~

~~BAFFLES \_\_\_\_\_~~

~~BAFFLE FILTER \_\_\_\_\_~~

~~MANHOLE LOC \_\_\_\_\_~~

~~6" PORT LOC \_\_\_\_\_~~

~~WATERTIGHT TEST \_\_\_\_\_~~

~~SLOTTED \_\_\_\_\_~~

~~DATE ON LID \_\_\_\_\_~~

PRE-CONSTRUCTION:

1/5/15 Trench specs adjusted on permit as shown. Area is subject to high H<sub>2</sub>O table especially in lower part of SRA (Repair Area). Some fill over upper part of SRA. Wire cbs to get to original grade for elevation points. Contour pins strike to stake. Install 2x20' trenches running towards lot 28. Set D box @ top grade

INSTALLATION: of SRA. Call for inspection 1/13/15 Tank installed and house connection made. Half bubble fall of pipes. SCH 40 PVC used. (SC) 1/14/15 Both trenches dug and left open at ends. D-box is installed backwards (SC) 1/14/15 D-box installed correctly and level. Tank needs BAT startup certification. (SC) 3/9/15 Start-up certificate received.

FINAL INSPECTOR

*J.L. Way*

DATE OF APPROVAL

3/9/15

GRID NORTH

BLE PRES. PARCEL 'D'  
PRESERVES AT CLARKSVILLE  
NO. 19215-16

PRIVATE  
DRAINAGE &  
UTILITY  
EASEMENT

S 00°23'28" W

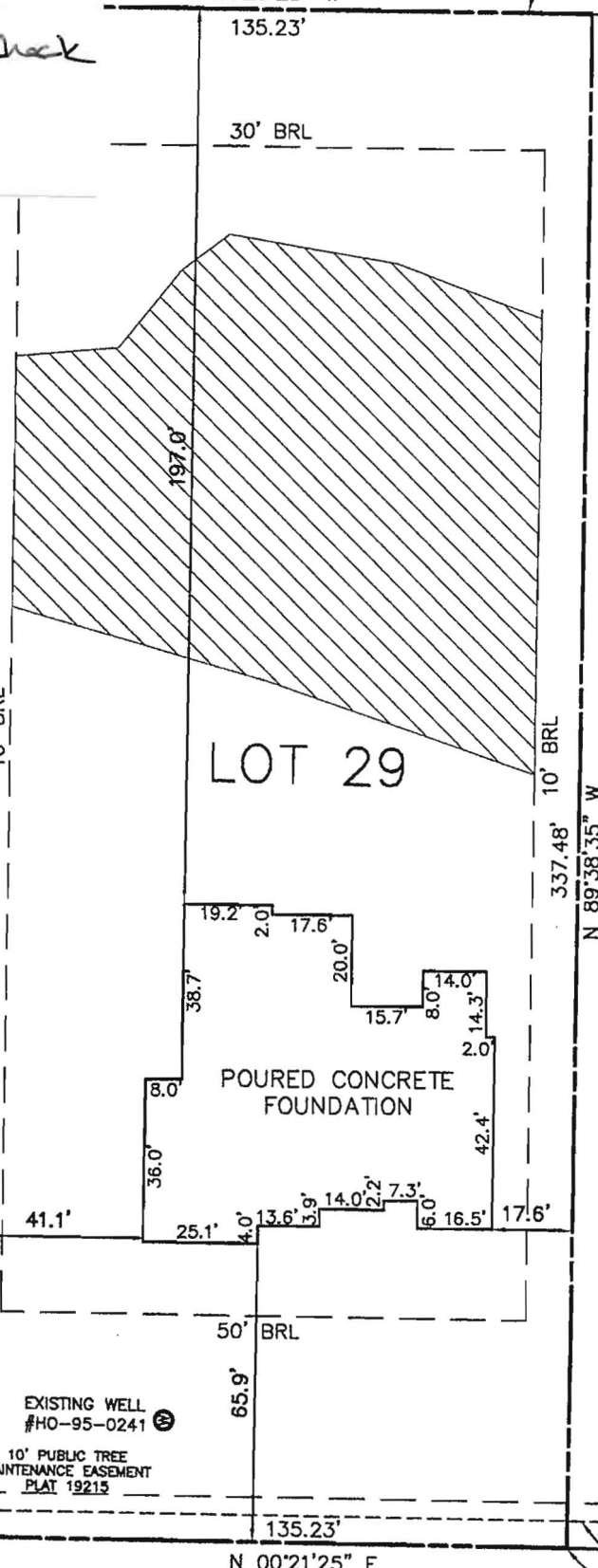
locate file  
for wall check

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THESE DOCUMENT 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, LICENSE NO. 21320, EXPIRATION DATE 1-7-2015 AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 09/15/14.

*Donald A. Mason*  
DONALD A. MASON  
PROFESSIONAL LAND SURVEYOR  
MD REG. No. 21320  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
FEMA FIRM No. 24027C0130D  
ZONE: X  
DATED: 11/06/2013

Wall  
check  
OK  
gw  
11/24/14



HEATHER GLEN WAY  
PUBLIC ACCESS STREET - 50' R/W

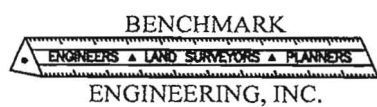
6' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT 19215

TOP OF FOUNDATION WALL ELEVATION = 459.7'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

WALL CHECK  
THE PRESERVE AT CLARKSVILLE  
LOTS 1-32  
PLAT No. 19215  
LOT No. 29

6223 HEATHER GLEN WAY

FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 40' DATE: 09/15/2014



8480 BALTIMORE NATIONAL PIKE SUITE 315  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-6105 fax: 410-465-6644  
www.bei-civilengineering.com

FIELD OBS. BY DAM  
COMP. BY EWF  
DRAWN BY EWF

# 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 Singulair TNT 600 GPD Septic Tank installed at 6223 Heather Glen Way, Clarksville, MD 21029 January 13, 2015 was installed according to the manufacture's specifications.

Installer: Jeff Reiter



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MATTHEW GECKLE  
Vice-President



Bureau of Environmental Health

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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 13th day of May, among Kosha & Ankus Datta, 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 6273 Hearsh Glen Way, in the 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 Folio

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.

NOW, THEREFORE, the parties hereto agree as follows:

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

20  
40  
JK

ADT 220

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.

Ankur Dalal 5/14/14  
Owner / Ankur Dalal Date

Kosha Dalal 5/14/14  
Owner / Kosha Dalal Date

Bert Nixon 5/14/2014  
Howard County Health Department  
BERT NIXON

LR - Agreement  
Recording Fee 20.00  
Grantor/Grantee Name:  
Date:  
Reference/Control #: 150  
LP - Agreement  
Purchase 40.00  
SubTotal: 60.00  
Total: 100.00  
05/21/2014 02:18  
0213-JE  
#2016204 000503 -  
Howard Co  
Columbia/0005.03.02 -  
Register 02

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.

*Ankur Dalai* *5/4/14* *[Signature]* *5/4/14*  
 Owner Ankur Dalai Date Witness Date

*Kosha Dalai* *5/4/14* *[Signature]* *5/4/14*  
 Owner Kosha Dalai Date Witness Date

*Bert Nixon for Maura Rosham* *5/14/14*  
 Health Officer Date  
 BERT NIXON  
 HOWARD COUNTY HEALTH DEPT.

LIBER 15594 FOLIO 080

LR - Agreement  
Recording Fee 25.00  
Grantor/Grantee Name:  
Dala  
Reference/Control #:  
151

LR - Agreement  
Surcharge 40.00

SubTotal: 65.00

Total: 120.00

25/21/2014 02:16

CC13-DE

#2816254 CCW500 -

Howard Co

Columbia/CCW5.03.02 -

Register 02