



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: 12/2/19 **ONSITE SEWAGE DISPOSAL SYSTEM** P 56477
 APPROVAL DATE: 3/17/20/20 (1C) **PERMIT: CONSTRUCTION** A _____
 PROPERTY ADDRESS: 7422 HAVEN CT, HIGHLAND, MD 20777

SUBDIVISION: ESTATES AT SCHOOLEY MILL LOT: 4 TAX ID: 05-600712

CONTRACTOR: Hatfield's EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: WBG ESM LLC EMAIL: MikeLemon@WilliamsburgLLC.com

OWNER ADDRESS: 5485 HARPERS FARM ROAD, COLUMBIA, MD 21044 PHONE: (443)865-2353

BAT UNIT MODEL: NORWECO TNTLP-750 PUMP SIZE: 3/4 hp PUMP TANK CAPACITY: 2000

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 1-10-19 DATE RECORDED: 2-1-19

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>139</u>	INLET DEPTH: <u>2.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</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:

ISSUED BY: R BRICKER ISSUE DATE: 12-2-19 EXPIRATION DATE: 12-2-20

- 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 19006337
- 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' 2' 7'

NUMBER OF TRENCHES 4 (2x CENTER FEED)

TOTAL LENGTH _____

ABSORPTION AREA _____

DISTRIBUTION BOX LEVEL LPD

DISTRIBUTION BOX BAFFLE -

DISTRIBUTION BOX PORT -

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

MANUFACTURER BACKRIVER

CAPACITY INTUP 750 GAL

SEAM LOC TOP

TANK LID DEPTH 2'-2.5'

BAFFLES BAT

BAFFLE FILTER BAT

MANHOLE LOC FRONT/NO/BACK

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED BAT

DATE ON LID 5/13/2014

PUMP/SEPTIC TANK LEVEL

MANUFACTURER BABYLON

CAPACITY 2000 GAL

SEAM LOC 2'-2.5'

TANK LID DEPTH 2.5'-3'

BAFFLES -

BAFFLE FILTER -

MANHOLE LOC FRONT/BACK

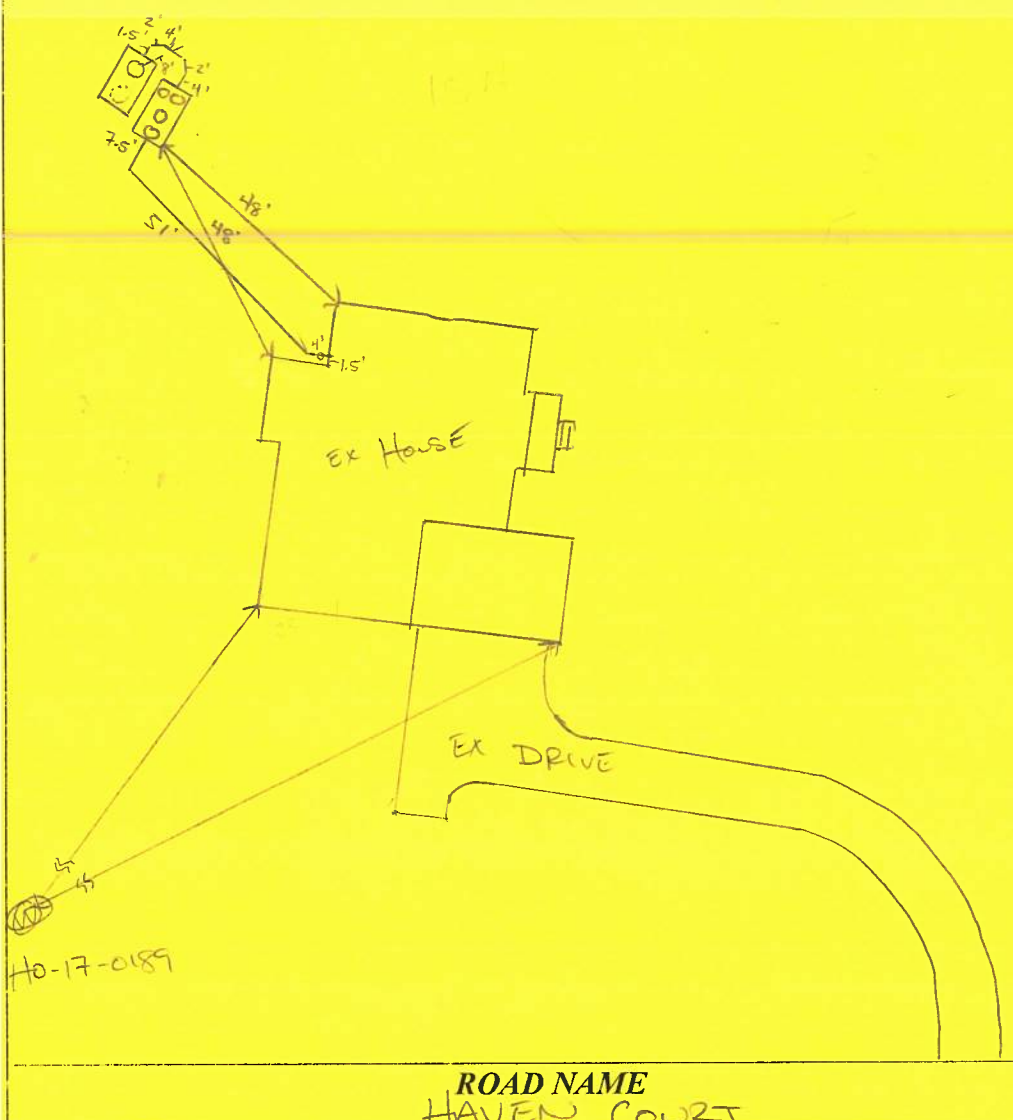
6" PORT LOC -

WATERTIGHT TEST -

SLOTTED -

DATE ON LID 10/12/2019

BAT NORWECO



PRE-CONSTRUCTION:

12/9/2019 TANK, SDA, TRENCHES STAKED. CONTOUR CONFIRMED.
OK TO REDLINE TANKS TO STRAIGHTEN THEM OUT.
MUST BE REDLINED AND APPROVED PRIOR TO ~~FINAL~~ SEP. PERMIT APPROVAL. (K)

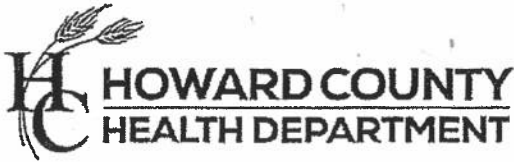
INSTALLATION:

12/10/2019 SHC AND SL INSTALLED OUT OF LOCATION PER PLAN DUE TO PLUMBING OK TO ROTATE TANKS 180°. (J)
TANK HOLE HAS WATER. REDLINE TO ~3'-4' FROM GRADE.
STANDING WATER ~8' FROM GRADE. 12/11/2019 TANKS SET IN GRADE. Sump pump 2' lower than tanks. (K) PIPE TO REMAIN. (PM) TANKS TIED TOGETHER W/ SCH 40 PVC. (L) 12/12/2019 UPPER TRENCH CONSTRUCTED. CONFIRMED LATERALS. (M) LOWER TRENCH, MANIFOLD, FM INSTALLED. OK TO BACKFILL.

FINAL INSPECTOR K. N...

DATE OF APPROVAL 3/17/2020

3/17/2020 P/A test confirmed. 3ft + distal head on all laterals.
7.5ft start-up rec'd.



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410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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 Williamstown Group LLC ("the Owner").

WHEREAS, the Owner owns a tract of land at street address 7422 Haven Court, Highland, MD 20777 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 006, Block # —, Parcel # 0093, Deed Reference # 24576-83 and Tax Account # 600712 ("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 _____ 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).

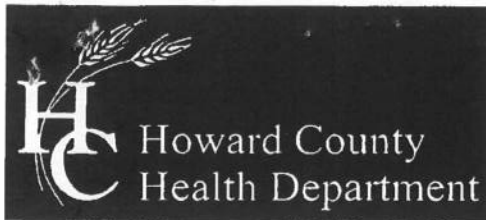
3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable gross alpha, gross beta (short and long term) and radium 226 / 228 levels.
4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or 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 this Agreement on the dates set forth below.

Timothy E. Morris 4/12/20 [Signature] 4/2/20
 Owner Date Buyer Date

_____ _____ [Signature] 4/2/20
 Owner Date Buyer Date

 Howard County Health Department Date



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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

Lot 4

THIS AGREEMENT is made this 7th day of Jan 2019, among Williamsburg Group LLC, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

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WHEREAS, Owner is the owner or contract owner of a parcel of land located at 7422 Haven Court Highland, Md 20777, in the 05 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 # 40, Block #, Parcel # 0093 Deed Reference # 24576-83 and Tax Account # 600712 ("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 TNTLP 500

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.

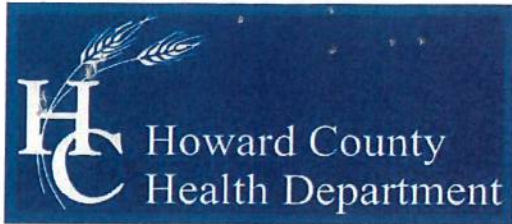
B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

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.

040

LR - Agreement 40.00
Recording Fee 20.00
Name: Williamsburg Group
Ref: 40
LR - Agreement 40.00
Superior 60.00
Total: 60.00
Date: 02-11-2019
02-11-2019
#568862 CC0503 - CC13-YW
Howard Co
Columbia/CC05.03.02 -
Printer: 02



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 7th day of Jan 2019, among Williamsburg Group, LLC, 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 7422 Haven Court Highland, Md 20777, in the 05 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 # 90, Block #, Parcel # 0093 Deed Reference # 24576-83 and Tax Account # 600712 ("the Property").

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\$

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 TNTLP 500

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.

LR - Agreement
Recording Fee 20.00
Name: Williamsburg
Group
Ref: 40
LR - Agreement
Purchase 40.00
Date: 02/11/2019 02:11
CC13-YW
#165862 CC0503 -
Columbia/CC05.03.02 -
Permitter 02

040

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.

Michael J. Davis 1/10/19
Howard County Health Department

Bruce Harvey 1-7-19
Owner #1 Signature Date

Bruce Harvey
Owner #1 Print Name

Owner#2 Signature Date

Owner #2 Print Name

SPEC Home No Current Buyer
Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name

Oswald, Hank

From: Williams, Jeffrey
Sent: Wednesday, March 18, 2020 2:48 PM
To: Oswald, Hank
Cc: Wolf, Kevin
Subject: RE: 7422 Haven Court

If the R/O is only kitchen sink and refrigerator, it should be ok. Kevin: we will need to have them sign the agreement, send it to us for our signature, and then we will mail it to them. If they can't get it recorded in land Records because of closure, they will need to let us know and we'll come up with some sort of acknowledgement with them to do it after this is all over. I'm gonna make a chart for us on onedrive for properties that had agreements signed but not recorded.

From: Oswald, Hank
Sent: Wednesday, March 18, 2020 1:22 PM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Cc: Wolf, Kevin <KWolf@howardcountymd.gov>
Subject: FW: 7422 Haven Court

FYI

From: vburtis@water-doctor.com <vburtis@water-doctor.com>
Sent: Wednesday, March 18, 2020 1:23 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: 7422 Haven Court

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

We have installed the following at 7422 Haven Court. PLEASE NOTE – you will look for TWO SEPARATE lab reports – taken on different days

1) On March 10, 2020- Whole House Water Softener – treats all taps in house for Radium. The tank has 2.0 cubic feet of cation resin (60,000 Grain Metered unit, Fleck 2510SXT). The meter is set to regenerate the resin at 2,850 gallons. This setting was made taking into consideration the Gross Alpha level; and the iron & hardness level. A sample was taken by Fountain Valley Lab – after March 10th

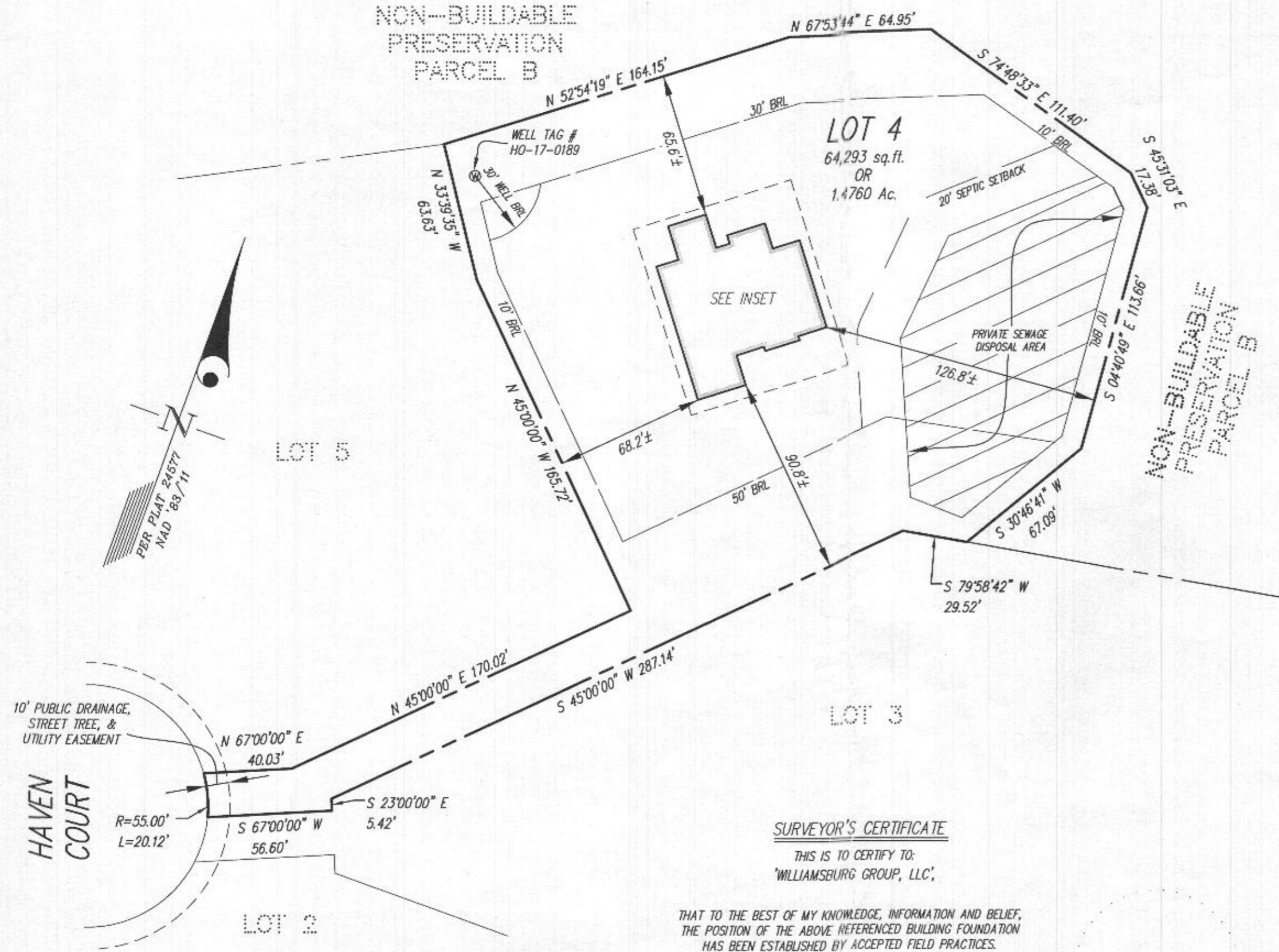
2) On Monday March 16, we installed a 3M501 Reverse Osmosis system with Booster Pump. This unit treats water for a separate gooseneck faucet installed at the kitchen sink and is also treating the refrigerator ice (no water dispenser). Another sample at the Reverse Osmosis Tap was likely taken yesterday by Fountain Valley Labs

Please call or email with questions

Vicky Burtis
WQA Certified Water Specialist-IV

410-792-0327, ext 5206
www.water-doctor.com

NON-BUILDABLE
PRESERVATION
PARCEL B

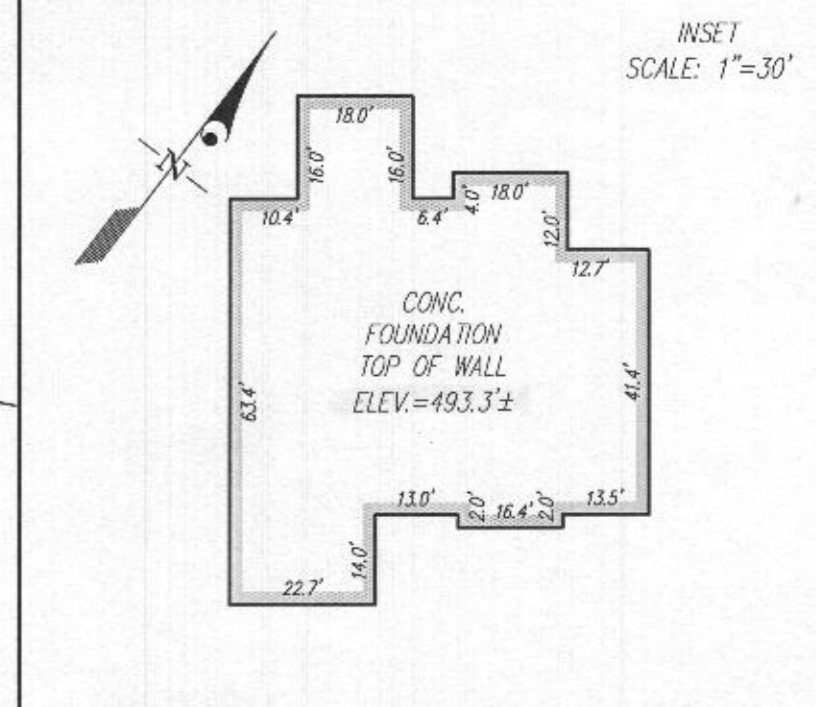


NOTES:
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NO. 24027C01400, EFFECTIVE DATE NOVEMBER 6, 2013.

BUILDING SETBACKS (BRL'S) SHOWN HEREON PER PLAT No. 24578.
WELL & SEPTIC SETBACK'S (BRL'S) SHOWN HEREON PER PLOT PLAN.
SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF ± 0.1' FOOT.



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
"WILLIAMSBURG GROUP, LLC";

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF,
THE POSITION OF THE ABOVE REFERENCED BUILDING FOUNDATION
HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

For Gutschick, Little and Weber, P.A. :
Thomas C. O'Connor, Jr., Professional Land Surveyor,
No. 10954 (EXP. DATE: 07/03/2020)

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

WALLCHECK
(SPECIAL PURPOSE SURVEY)

ESTATES AT SCHOOLEY MILL

LOT 4
7422 HAVEN COURT

HOWARD COUNTY, MARYLAND

DATE OF LATEST FIELD WORK: 8/21/2019
G.L.W. FILE No. 17-061

REFERENCE: PLAT No.: 24577
SCALE: 1"=50'

GLW
PLANNING | ENGINEERING | SURVEYING

3009 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20886 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-860-1820 | DC/VA: 301-899-2524 | FAX: 301-421-4186

DES.	PREPARED FOR: WILLIAMSBURG GROUP, LLC 5485 HAPERS FARM RD SUITE 200 COLUMBIA, MD 21044 ADDISON BOND (410) 997-8800
DRN. MAB	
CHK.	