



Howard County  
Health Department

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

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

RECEIPT DATE: 10/22/13

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 546172

INSTALLATION

APPROVAL DATE: 5-22-14 *Kmw*

**PERMIT  
CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 11635 Vixens Path

SUBDIVISION: The Chase

LOT: 5

TAX ID: 05-433282

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

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

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

PHONE: \_\_\_\_\_

PROPERTY OWNER: Vixen's Path 2 LLC.

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

OWNER ADDRESS: 7701 Greenbelt Road, Greenbelt, MD 20770

PHONE: 703-296-3575

BAT UNIT MODEL: Advantex AX20 *Norweco*

BAT UNIT SIZE: \_\_\_\_\_

PUMP CHAMBER CAPACITY (GALLONS): 1500 ✓

PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 5

HOUSE SQ. FT. \_\_\_\_\_

APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

S TRENCHES: C C P	LINEAR FEET REQUIRED: <u>130'</u>	INLET DEPTH: <u>3 2'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</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:	Set BAT unit and pump tank per plan. Set distribution box per plan. Install 3 x 44' trenches *	

ISSUED BY: Heidi Scott

ISSUE DATE: \_\_\_\_\_

EXPIRATION DATE: 10/22/14

**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**

**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 system As-Built

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2	2'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		124
ABSORPTION AREA		248' + SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		45° bend
DISTRIBUTION BOX PORT		Yes

~~Not used~~

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Back River Pre-cast
CAPACITY	Norweco GAL
SEAM LOC	Top
TANK LID DEPTH	
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front/Center/Rear
6" PORT LOC	None
WATERTIGHT TEST	
SLOTTED	Yes
DATE ON LID	N/A

**PUMP/SEPTIC TANK LEVEL**

SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	
BAFFLES	Front
BAFFLE FILTER	
MANHOLE LOC	Front/Rear
6" PORT LOC	None
WATERTIGHT TEST	
SLOTTED	no
DATE ON LID	N/A
Static Head	17'

**PRE-CONSTRUCTION:**

2/28/14 Contractor going w/ Norweco. Explained that any changes in BAT in field will need to be reflected on a revised BAT site plan. OK to proceed loc of BAT unchanged. Set stakes per site plan, ran pump line back up SRA close to house, set a box start of top trench, install 2x65' trenches on contour across top part of SRA. Trench elevations shot in field. Painted out. Call for f/u insp. (KW)

**INSTALLATION:**

3/11/14 Tanks set. Setting pump for pump tank. Mentioned that tanks are going to H<sub>2</sub>O tight tested more. Pump tank came from Babylon w/ BAT, not manufacturer Back River Pre-cast. OK to continue (KW) 3/12/14 Trenches pushed. F.M. ran. Contractor installed only a 61' and 63' trenches should be OK for system design. Soil looks good, consistent. OK to cover all work. Need BAT start-up and pump/return test prior to final approval. (KW) 5/22/14 BAT and pump test successful. Need Start-up report from BAT manufacturer. (KW)

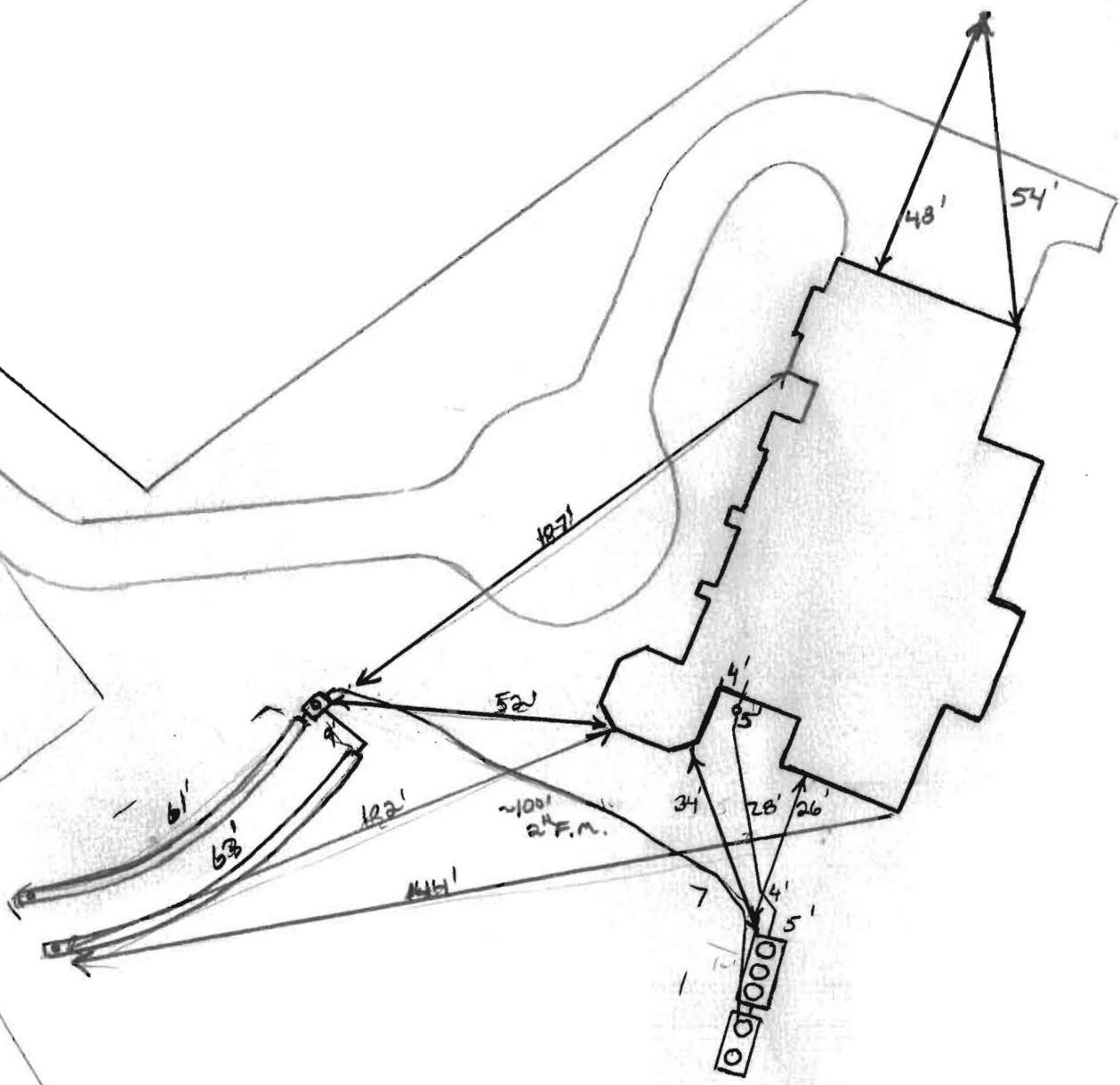
FINAL INSPECTOR

*[Signature]*

DATE OF APPROVAL

5-22-14

HO-94-2862



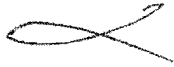
# Back River Pre-Cast, LLC

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 11635 Vixens Path, Ellicott City, MD 21042 on March 11, 2014, 2014 was installed according to the manufacture's specifications.

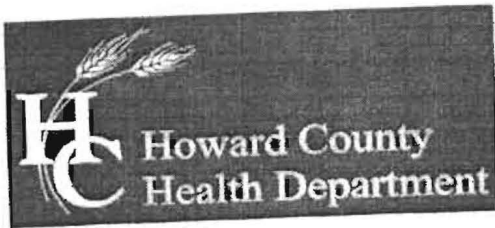
Installer: Jeff Reiter



---

MATTHEW GECKLE

Vice-President



## Bureau of Environmental Health

2115 Columbia Gateway Drive, Columbia, MD 21031-2107

Main: 410-313-2640 Fax: 410-313-2648

TDD: 410-313-2323 Toll Free: 1-800-313-6300

www.hchealth.org

Facebook: www.facebook.com/hchealth

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 22 day of October, among Vixens Path 2 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 11635 Vixens Path, 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:

- 20  
40  
72
- 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.

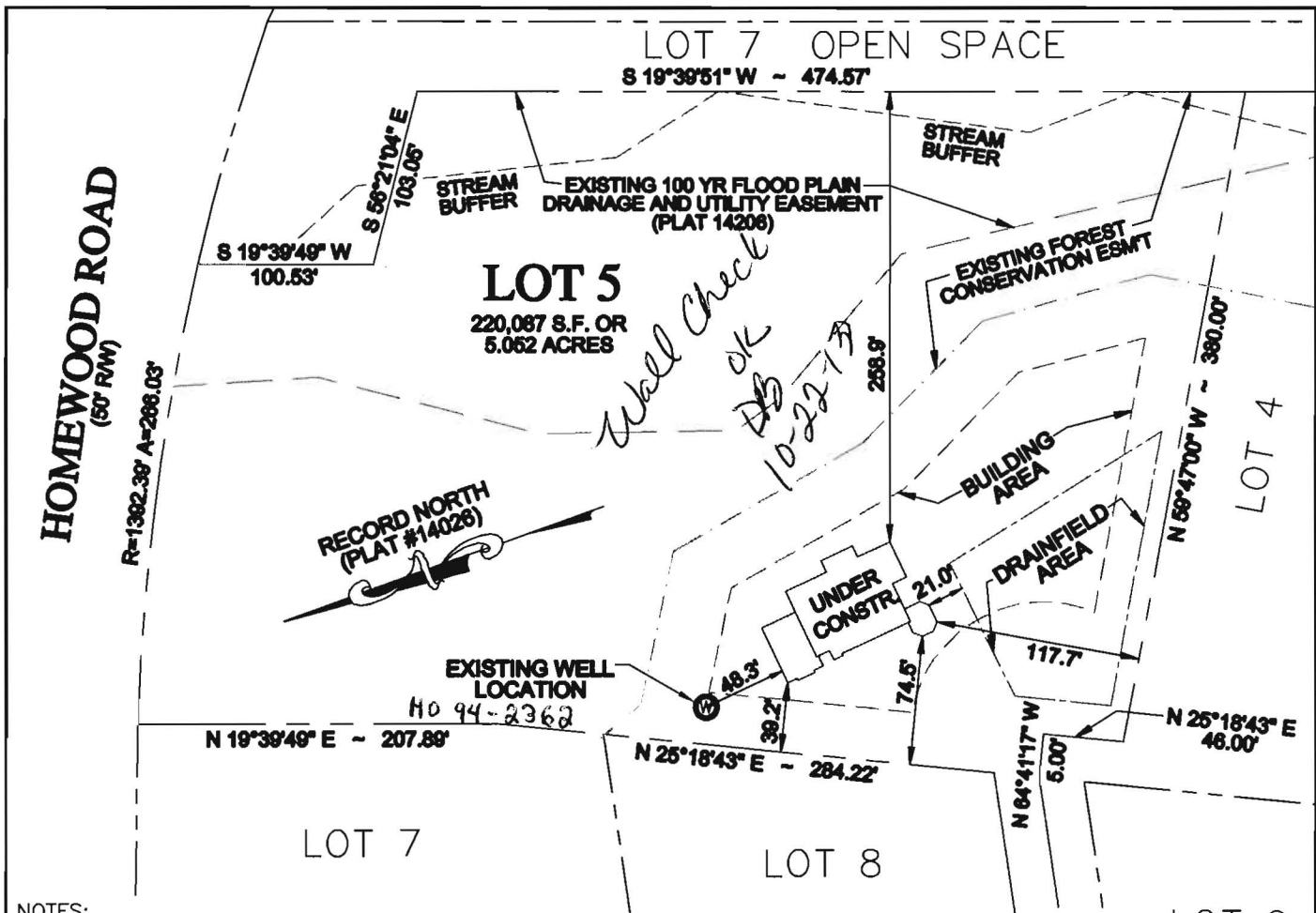
IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

 10/22/13  
Owner Vixens Path 2 LLC Date

Owner Date

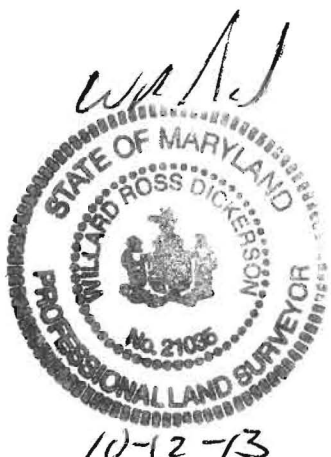
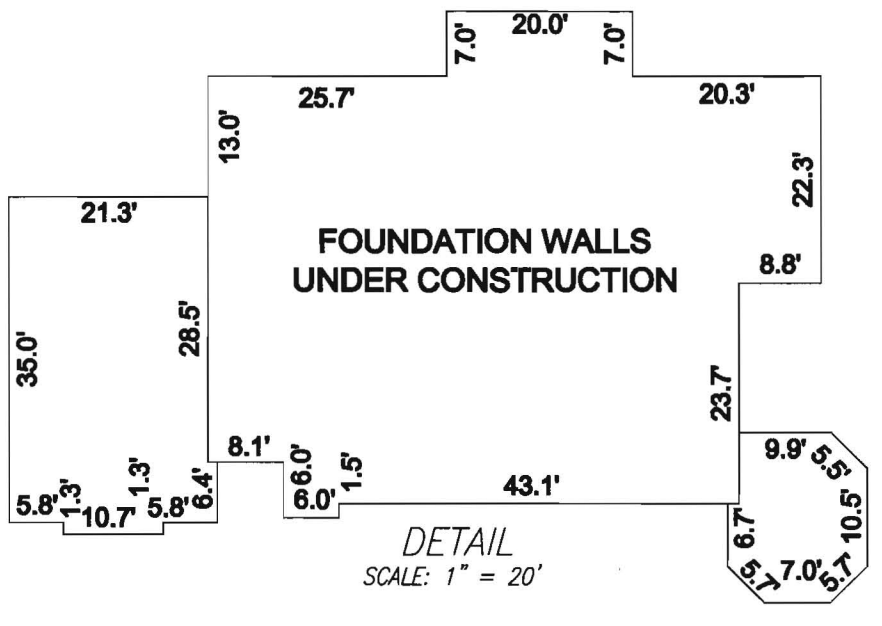
 11/20/13  
Howard County Health Department

LR - Agreement Recording Fee 20.00  
Grantor/Grantee Name: VIXENS  
PATH 2  
Reference/Control #: 110  
LR - Agreement Surcharge 40.00  
LR - Additional Recording Fee 0.00  
- linked  
SubTotal: 60.00  
Total: 120.00  
#2232853-6 02:36 CC13-TR  
11/25/2013  
#2232853 CC0503 - Howard Co  
Columbia/CC05-03-01 - Registrar  
01 396



NOTES:

- 1) NO TITLE REPORT FURNISHED.
- 2) THE IMPROVEMENTS DELINEATED HEREON FALL ENTIRELY WITHIN ZONE "X" ON FEMA-FIA FLOOD INSURANCE RATE MAP #240044-0027C DATE: APRIL 2, 1997
- 3) THE IMPROVEMENTS SHOWN HEREON HAVE BEEN CAREFULLY ESTABLISHED BY MODERN SURVEY METHODS AND UNLESS OTHERWISE SHOWN, THERE ARE NO VISIBLE ENCROACHMENTS.
- 4) THIS PROPERTY IS SHOWN ON HOWARD COUNTY TAX MAP 29 / GRID 3 / PARCEL 382.
- 5) THIS IS NOT A BOUNDARY SURVEY. CORNER MONUMENTATION THAT MEETS THE STANDARDS FOR A BOUNDARY SURVEY IS NOT INCLUDED WITH A WALL CHECK SURVEY.



WALL CHECK SURVEY  
LOT 5  
**THE CHASE II**

PLAT #14026  
11635 VIXENS PATH, ELLICOTT CITY, MD  
HOWARD COUNTY, MARYLAND  
FIFTH ELECTION DISTRICT  
SCALE: 1" = 100'  
DATE: OCTOBER 9, 2013

**DICKERSON SURVEY AND  
ARBORIST SERVICES**  
LAND SURVEYING \* CERTIFIED ARBORISTS



401 SOUTH JEFFERSON ST \* ARLINGTON VA 22204 \* [PH] 571-221-5204 \* [FAX] 703-995-0735