

### **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: 9.05.15 ONSITE SEWAGE DISPOSAL SYSTEM P 557387			
APPROVAL DATE: 115/2015 PERMIT: CONSTRUCTION A			
PROPERTY ADDRESS: 18376 Chelsea Knolls Drive			
SUBDIVISION: Chelsea Knolls LOT: 11 TAX ID:			
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: Ryan Homes EMAIL: dsnyder@nvrinc.com			
OWNER ADDRESS: 9720 Patuxent Woods Drive PHONE: 410-796-0980			
1/3hpWE			
BAT UNIT MODEL: Norweco 500 PUMP SIZE: 03M PUMP TANK CAPACITY: 1500 GAL			
OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 5/1/14 DATE RECORDED: 5/1/14			
DISTRIBUTION SYSTEM:   GRAVITY   PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.6			
LINEAR FEET REQUIRED: 210 INLET DEPTH: 3			
TRENCHES: TRENCH WIDTH: 3 MAXIMUM BOTTOM DEPTH: 6			
MINIMUM SPACE BETWEEN TRENCHES: 10 EFFECTIVE AREA BEGINNING DEPTH: 3			
LOCATION:  PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.			
LPD design per approved BAT plan.			
NOTES:			
Notes.			
ISSUED BY: Jeff Williams ISSUE DATE: $10/2/15$ EXPIRATION DATE: $10/2/11$			
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			
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' 3'
	NUMBER OF TRENCHES
	TOTAL LENGTH
a contract of the contract of	ABSORPTION AREA
	DISTRIBUTION BOX LEVEL
	DISTRIBUTION BOX BAFFLE
	DISTRIBUTION BOX PORT
3 8	DISTRIBUTION BOX PORT
A AF SA	
	SEPTIC TANK DATA
	SEPTIC TANK I LEVEL Yes
45	MANUFACTURER
	CAPACITY 1300 GAL
See As-Built Drawing On Separate Sheet	TANK LID DEPTH 1-2.5
	BAFFLES
Separate Sheet	BAFFLE FILTER NO
The state of the s	MANHOLE LOCK PONT Middle+
	6" PORT LOC None
	WATERTIGHT TEST No
	SLOTTED_N/A
	DATE ON LID Dry
	PUMP/SEPTIC TANK LEVELYES
	MANUFACTURER Babylon
	CAPACITY 1560 GAL
	SEAM LOC TOP
	BAFFLES
	BAFFLE FILTER NO
	MANHOLE LOC Front
	6" PORT LOC None
	WATERTIGHT TEST
DO AD MAME	SLOTTED No DATE ON LID 9/26/2015
ROAD NAME	DATE ON LID 1/20/2015
PRE-CONSTRUCTION:	
10/15/15 BAT and Pum tak staked. Wall lin	must be sloved whin
10' of sever the Execution shot a trucky that	rels. OFF by 6-8"
Not true contour, Told contactor to hold ele	
of trucks throw-out truck bottoms, Know	
of the second of	
INSTALLATION: 10/29/2015 Vanks set. House conne	ction made (BB)
10/30/2015 Two furthest trenches from	museinstalled
11/2/15 Two upper trenches complete, IAI left open and IA	Lopen at ends. 25 to
stone, 3' wide. Need BAT startup certification and pump	* Marm. (SC) 11/3/15 BAT
startup certification received. @ 11/5/2015 Pump an	dalarm working.
3,5'-4' of headin turn-upo (BB)	d
0 0 1	, .
FINAL INSPECTOR B. Baker DATE OF APPROV	AL 11/5/2015

18376 Chelsea II'VELO Knolls Drivers P557387 101 HO-95-2106 wn' 201' TIA1=56' 14'

# 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 18376 Chelsea Knolls Dr., Mt. Airy, MD 21771 on October 29, 2015 was installed according to the manufacture's specifications.

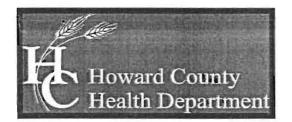
Installer: Jeff Reiter

Property Owner: NVR, Inc.

Permit #

MATTHEW GECKLE

Vice-President



#### Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147 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

11-10-1

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

THIS AGREEMENT is made this 157 day of May 2014 among  Chelsea Knolls, LC , 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 18375 Chelsea Knolls Drive, Mt Airy, Maryland 21771, in the 4th 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 8717 Folio 579.
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

NOW, THEREFORE, the parties hereto agree as follows:

Regulations 26.04.02.07, effective January 1, 2013.

- 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.

Owner Date Owner Date
Chelsea Knolls, L.C., Russell Dickens, Manager

Howard County Health Department

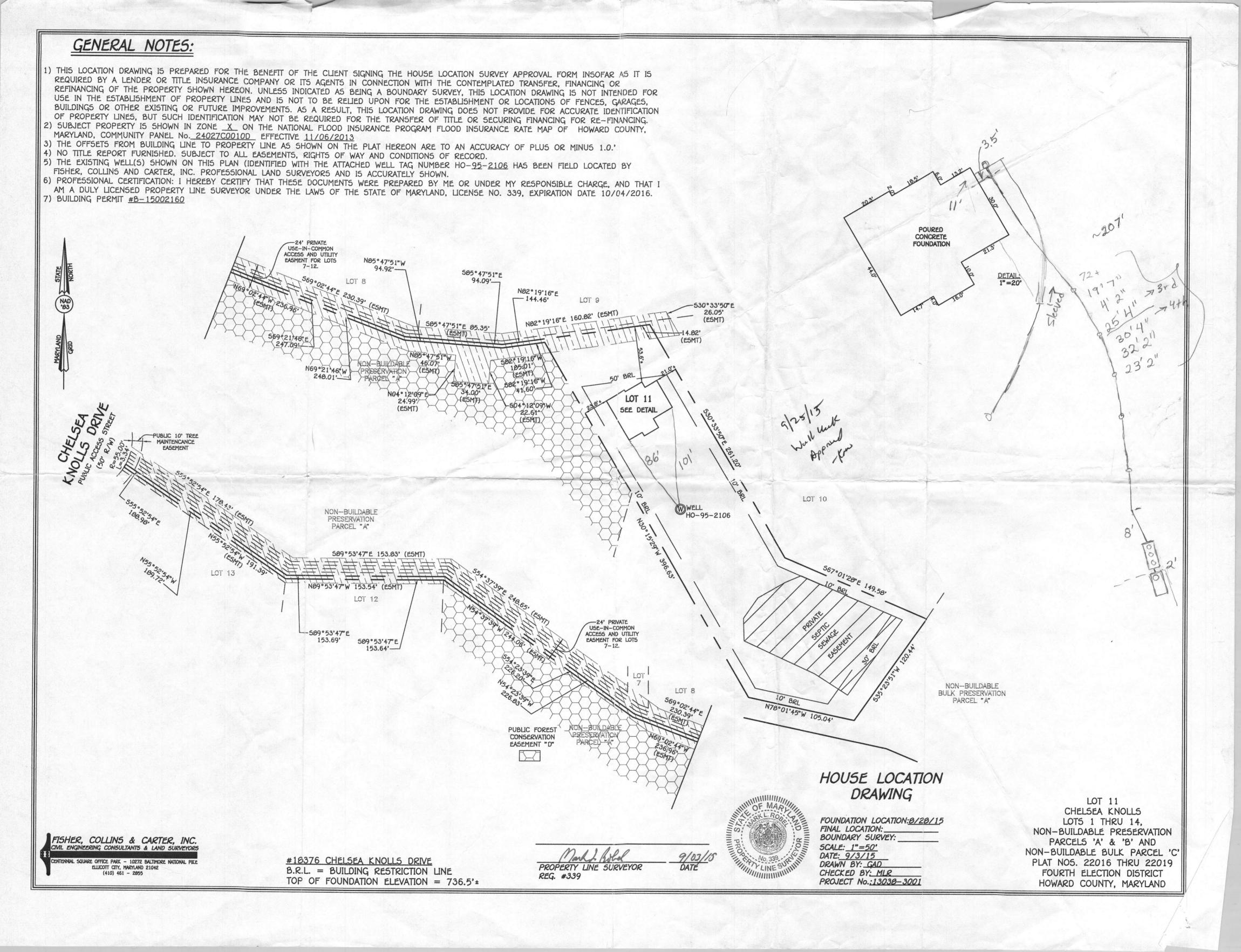
13038-3001 Clerk of the Circuit Court for
Howard County
Land Records/Licensing
The Thomas Dorsey Building
9250 Bendix Road
Columbia, MD 21045
410-313-5850

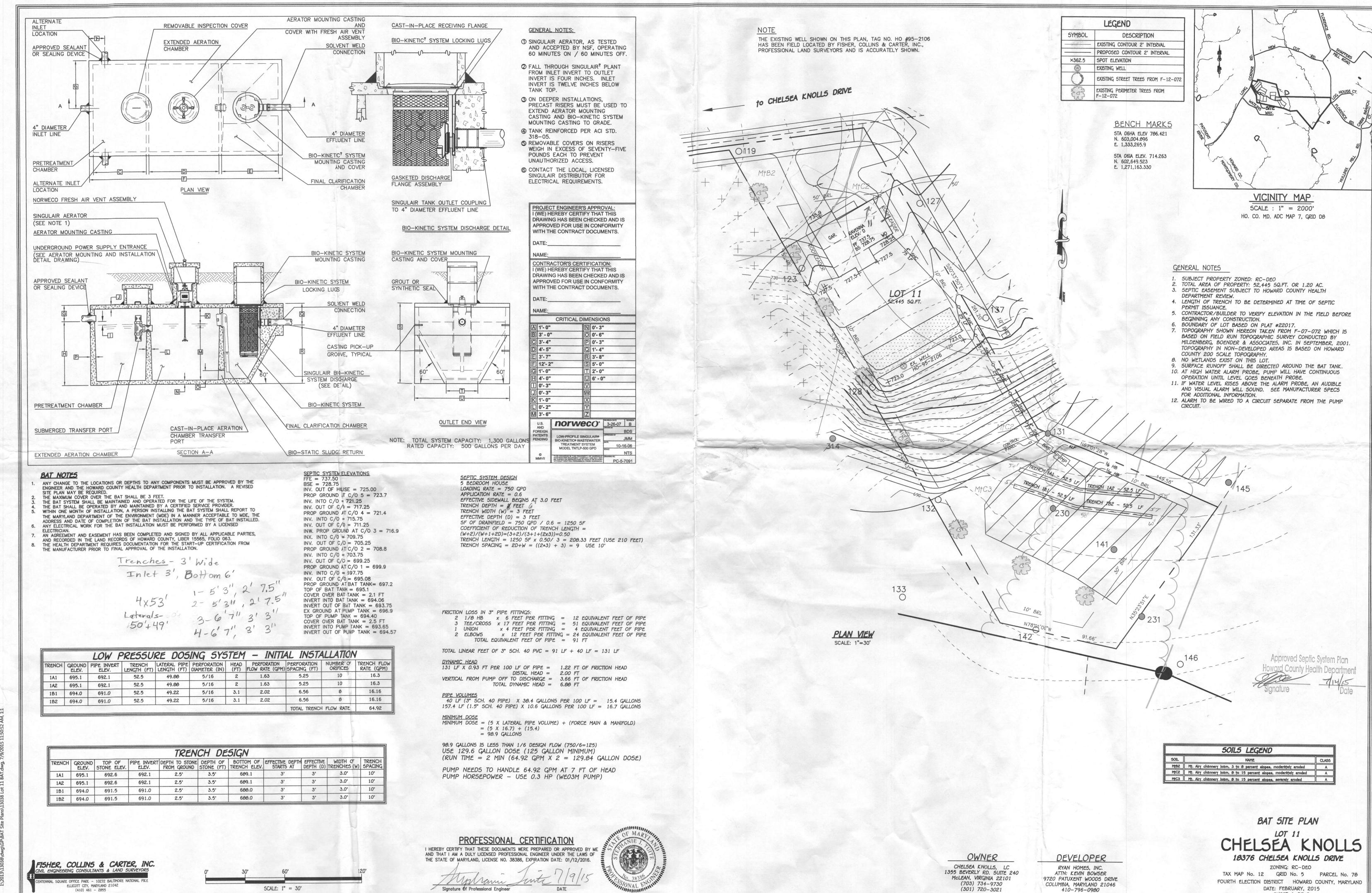
LR - Agreement Recording Fee
1x 20.00 20.00
Grantor/Grantee Name: Chelsea Knolls LC
Reference/Control #: 82 LR - Agreement Surcharge 40.00 40.00 1x LR - Agreement Recording Fee 1x 20.00 20,00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 83 LR - Agreement Surcharge 40.00 1x 40.00 LR - Agreement Recording Fee ix 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 84 LR - Agreement Surcharge 40.00 1x 40.00 LR - Agreement Recording Fee 1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 85 LR - Agreement Surcharge ix 40.00 40.00 LR - Agreement Recording Fee 1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 86 LR - Agreement Surcharge 40.00 1x 40.00 LR - Agreement Recording Fee 1x 20.00 1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 87 LR - Agreement Surcharge 40.00 1x 40.00 LR - Agreement Recording Fee 1x 20.00 1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 88 LR - Agreement Surcharge 1x 40.00 40.00 LR - Agreement Recording Fee 1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 89 LR - Agreement Surcharge 1x 40.00 40.00 LR - Agreement Recording Fee 1x 20.00 1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 90 LR - Agreement Surcharge 40.00 LR - Agreement Recording Fee 1x 20.00 40.00

20.00

Grantor/Grantee Name: Chelsea Knolls LC

1x 40.00 40.00 LR - Agreement Recording Fee	
1x 20.00 20.00	
-Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 88	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee 1x 20.00 20.00	
Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 89	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee 1x 20.00 20.00	
Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 90	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee  1x 20.00 20.00	
Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 91	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee 1x 20.00 20.00	
Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 92	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee	
1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 93	
LR - Agrezment Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee	
Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 94	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee 1x 20.00 20.00	
Grantor/Grantee Name: 95	
LR - Agreement Surcharge 1x 40.00 40.00	
LR - Agreement Recording Fee	
1x -20.00 LR - Agreement Surcharge ** VOID **	
1x -40.00 LR - Agreement Recording Fee	
1x 20.00 20.00 Grantor/Grantee Name: Chelsea Knolls LC Reference/Control #: 95	
LR - Agreement Surcharge	
1x 40.00 40.00	
SubTotal: 840.00 Total: 840.00	
REY-Check-80A 840,00 Number : 3616	
05/01/2014 14:01 CC13-JE #27 <u>3</u> 8771 /494/109	
Thank you for visiting us today	





SHEET 1 OF 2

