

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: 6/7/2013 **ONSITE SEWAGE DISPOSAL SYSTEM** P 545099

INSTALLATION APPROVAL DATE: 1/31/14 (KMD) **PERMIT** A UPGRADE
UPGRADE W/ BAT

PROPERTY ADDRESS: 7359 Hallmark Road Clarksville 21029

SUBDIVISION: Hallmark LOT: 30 TAX ID: 1405383072

CONTRACTOR: Hatfields Equipment EMAIL: _____
PO Box 519

CONTRACTOR ADDRESS: Annapolis Junction, MD 20701 PHONE: 301-490-4289

PROPERTY OWNER: Charles Barnes EMAIL: _____

OWNER ADDRESS: 7359 Hallmark Road Clarksville 21029 PHONE: 301-776-2941

BAT UNIT MODEL: Singular Bio-Kinetic Model 960 - 500 GPD ^{OK 4-9}

PUMP CHAMBER CAPACITY (GALLONS): * Will be needed for future repair PUMP SIZE: _____

NUMBER OF BEDROOMS: 3 ✓ HOUSE SQ. FT. 2,100 APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED Total Truck 123 LF

LOCATION: EXISTING DRYWELL AND TRENCH TO BE KEPT. EXISTING SEPTIC TANK TO BE REPLACED WITH B.A.T. PER APPROVED SITE PLAN.

NOTES: A test of the sensors, pump, alarm and unit itself is required. Install Singular unit per manufacturer's specifications. Pump and collapse ex. septic tank. + Existing Drywell
* Need New trenches Trench 2' wide Bottom 0'-9'
Inlet 4'-5' 4' of stone ~62 Ton stone

ISSUED BY: Heidi Scott (KMD) ISSUE DATE: 10-5-13 EXPIRATION DATE: 10-5-14

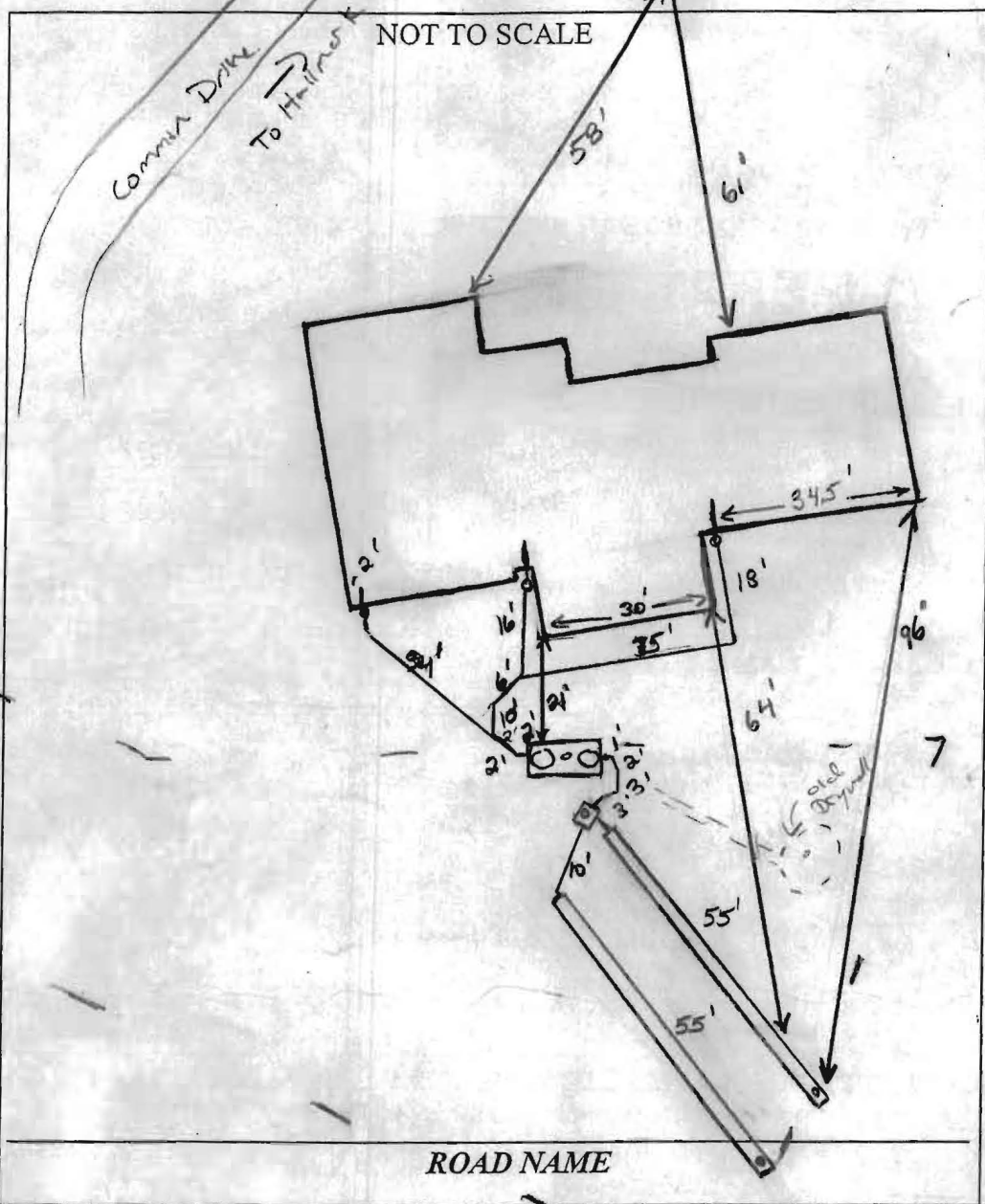
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- 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.

4'-9"

$$\frac{450}{0.2} = 562.5 \div 2 = 281 (.44) = \underline{124 LF}$$

Ex. Well (No tag)



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	9'
NUMBER OF TRENCHES		2
TOTAL LENGTH		110'
ABSORPTION AREA		220' + SW
DISTRIBUTION BOX LEVEL		Leveler's
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Norweco/Bankman
CAPACITY	model 960 GAL per
SEAM LOC	Top
TANK LID DEPTH	2'-3'
BAFFLES	Front
BAFFLE FILTER	Yes
MANHOLE LOC	Front/Cent/Rear
6" PORT LOC	none
WATERTIGHT TEST	-
SLOTTED	Yes
DATE ON LID	N/A
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:

1/23/14 Upon layout inspection, contractor explained of 3 sewer-out locations from house. Two locations @ far lower end of house w/ basement sewer by gravity (coming out under footer). Will not be able to make gravity from BAT unit to drywell. Set BAT unit 20' from house (will have to be set inside SRA) (KW)

INSTALLATION:

1/27/14 Contractor set S.T. as instructed. shot elevations from tank outlet. Will not make fall to ex. Drywell.
1/28/14 Top trench dug. Working on lower trench. Plumbing down house not installed. BAT rep already on-site to install internal components. OK to continue (KW)
1/29/14 System complete. D box leveled. Baffle had to be added. OK to cover all work. Need successful start-up certification from BAT rep. (KW)
1/31/14 start-up certification received from manufacturer. Ex. Drywell pumped/collapsable.

FINAL INSPECTOR R. Vay DATE OF APPROVAL 1/31/14

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

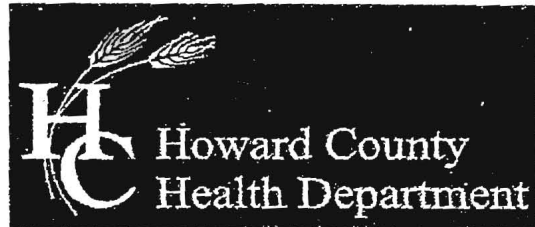
This is to certify that the Norweco Singlair TNT 600 GPD Septic Tank installed at 7359 Hallmark Dr., Clarksville, MD 21029 on January 27, 2014 was installed according to the manufacture's specifications.

Installer: KEN HATFILED JR.



MATTHEW GECKLE

Vice-President



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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 11 day of Dec. 2013, among MARY ANN BARNES, 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 7359 HALLMARK RD., CLARKSVILLE, MD., in the 5th 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 1544 Folio 675

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

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.

Mary G. Brance 12/11/13
Owner Date

Owner Date

Beil N. [Signature] 12/12/2013
Howard County Health Department

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: Barnes
Reference/Control #: 45

LR - Agreement Surcharge
1x 40.00 40.00

=====
SubTotal: 60.00
Total: 60.00

=====
REV-Check-BOA 60.00
Number : 297

12/16/2013 10:27 CC13-NN
#2295897 /494/109
Thank you for visiting us today~

HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLCOTT CITY, MD 21043

Residential Demolition Permit

PERMIT NUMBER: B13001351

APPLICATION DATE: 4/12/2013

ISSUE DATE: 4/15/2013

SITE ADDRESS:

7359 HALLMARK RD
CLARKSVILLE, MD 21029

PROPERTY OWNER INFO:

BARNES CHARLES M
7359 HALLMARK RD
CLARKSVILLE, MD 21029

Subdivision:

Lot No.: 30

Tax Map: 41

Grid: 41-10

ADC Map: 5052-F3

SDP No.:

Zoning:

Census Tract: 605102

DESCRIPTION OF WORK:

DEMOLISH SFD DUE TO TREE FALLEN ON HOME/ REMOVE ALL DEBRIS AND TRASH FROM SITE/ **ALL UTILITY DISCONNECT LETTERS ATTACHED**

PRIMARY CONTRACTOR INFO:

Contractor License No.: 08010020247

PRO BUILT CONSTRUCTION

License Address: EDWARD PACYLOWSKI

Phone #:

HIGHLAND, MD 20777

301-854-0821

PRIMARY CONTACT INFO:

Contact Type: APPLICANT

PRO BUILT CONSTRUCTION

13330 CLARKSVILLE PIKE
HIGHLAND, MD 20777

Phone #: 301-854-0821

Building/Lot Characteristics

Legal Description: IMPSLOT 30 1.220 AR S 1[]7359 HALLMARK RD[]HALLMARK

Existing Use: SFD

Water Supply: Private

Height:

Sewage Disposal: Private

Basement:

SF # of Bedrooms:

SF # of Full Baths:

SF # of Half Baths:

Zoning Setback Requirements:

Front - Proposed: Required:

Rear - Proposed: Required:

Side - Proposed: Required:

Side Street - Proposed: Required:

Meets Minimum Required Setbacks?:

Lot Coverage for NT Zoning:

Permit Fees:

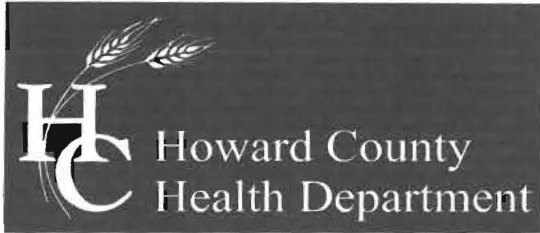
Total Fees Invoiced: \$55.00

Total Fees Paid: \$55.00

Balance Due: \$0.00

To schedule an inspection or check the results of an inspection please call (410) 313-3800

APPROVED BY THE DIRECTOR OF INSPECTIONS, LICENSES AND PERMITS - BUILDING OFFICIAL



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Twitter: HowardCoHealthDep

Maura J. Rossman, M.D. Health Officer

MEMORANDUM

TO: Charles Barnes

FROM: Heidi Scott, R.S.
Well & Septic Program
Howard County Health Department

RE: 7359 Hallmark Road
Clarksville, MD 21029
Demolition of existing dwelling in advance of new dwelling construction

DATE: April 15, 2013

This is to advise that the Howard County Health Department recommends issuance of a demolition permit for the dwelling on the above referenced property. This memorandum does not guarantee approval of future building permits for this property.

By accepting this recommendation, the owner agrees to the following conditions set forth by the Health Department:

- The plumbing to the existing house must be disconnected and capped before demolition. Protective devices must be installed around the well location to prevent any damage during demolition. It is recommended that these devices remain in place during all phases of demolition and construction.
- The House connection to the existing septic system must be properly disconnected and capped before demolition of the dwelling. Protective devices must be installed around the septic system components to prevent any damage during demolition. It is recommended that these devices remain in place during all phases of demolition and construction.
- Confirmatory percolation testing will be required on the property in order to verify existing septic reserve area and a 4' buffer below the existing system as required per COMAR.
- During the Building Permit review process, the Health Department will evaluate the existing well and septic system to determine if they may remain in service for the future dwelling. If it is determined that a new septic system is needed, an advanced pretreatment unit utilizing B.A.T. will be required on the new or expanded system and the existing system must be properly abandoned during the installation of the new system. If it is determined that a new well is needed, it

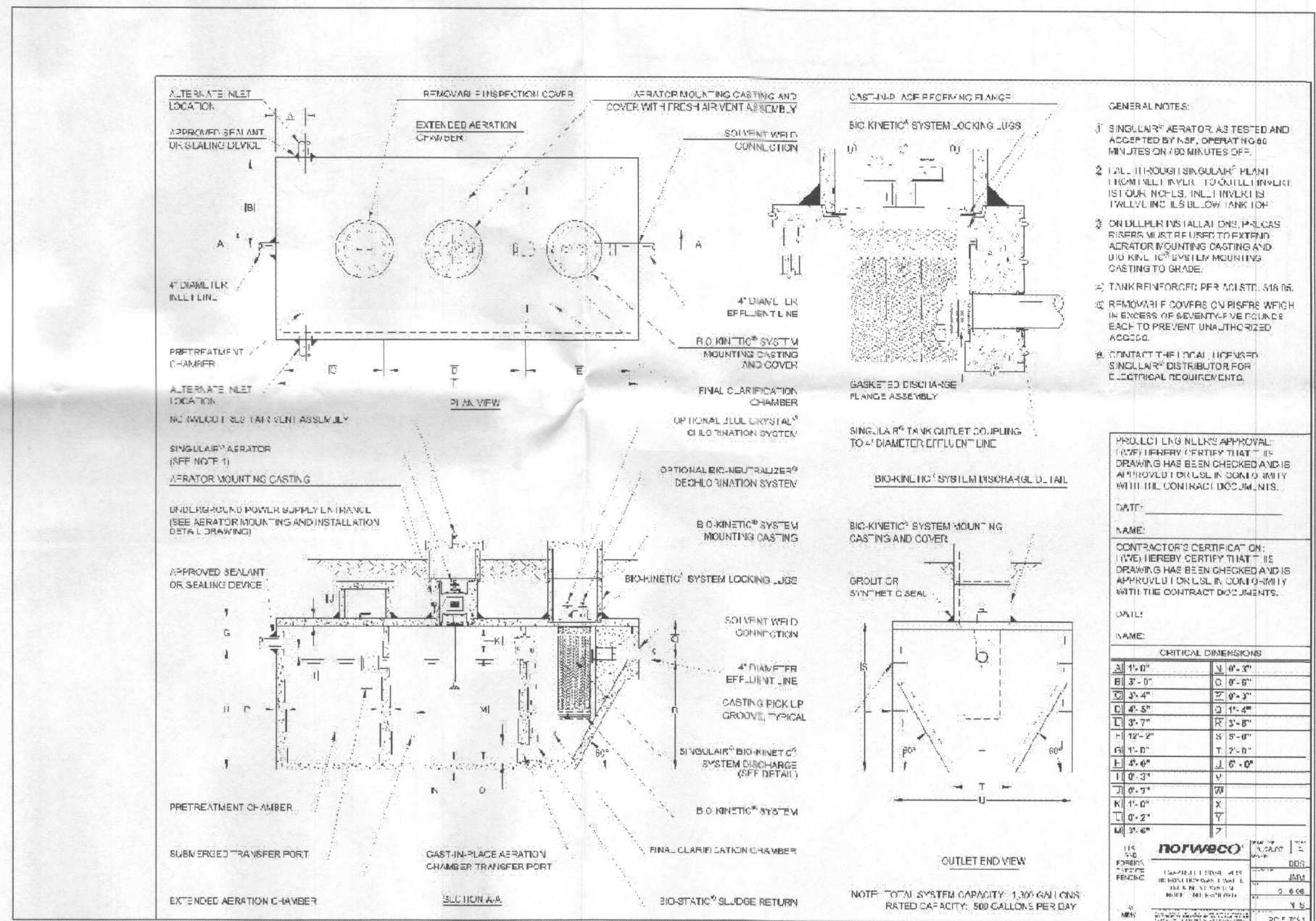
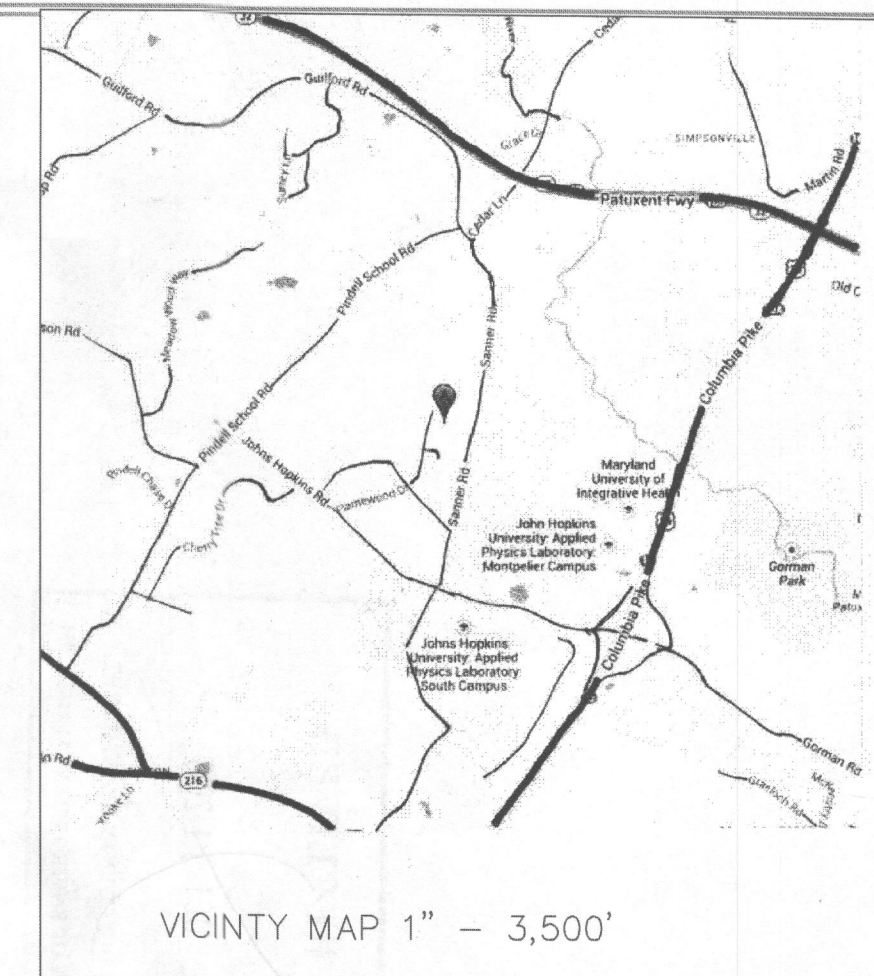
must drilled and the existing well properly abandoned prior to building permit approval.

- Once connected to the new dwelling, the well water supply must be tested for potability and the results submitted to the Health Department for issuance of a Certificate of Potability. This certificate will be necessary for a Use and Occupancy release.

Cc:
ProBuilt Construction

NOTES

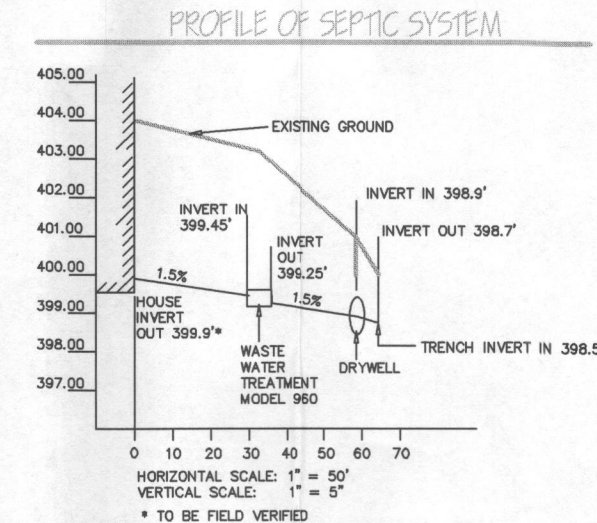
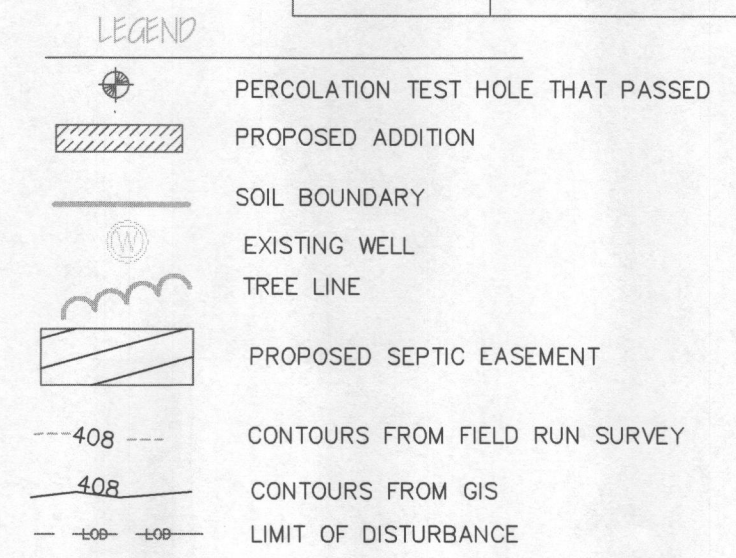
- SITE ADDRESS: 7359 HALLMARK ROAD, CLARKSVILLE, MARYLAND 21029
- EXISTING ZONING IS RR-DEO.
- BOUNDARY LINES SHOWN HEREON ARE BASED ON BOUNDARY EVIDENCE AND DEED PLOTS, PERFORMED BY MARKS & ASSOC. LLC IN JUNE, 2013
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
AREA OF SEPTIC RESERVE AREA: 10,100 SQUARE FEET
- THIS AREA DESIGNATES A MINIMUM 10,000 SQUARE FOOT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN AND SUPPLEMENTED BY GIS; VERIFIED BY MARKS & ASSOCIATES.
- TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL SEPTIC SYSTEMS, WELLS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF BOUNDARY LINES HAVE BEEN LOCATED.
- ALL PHYSICAL FEATURES SHOWN HEREON ARE EXISTING EXCEPT FOR THOSE LABELED AS PROPOSED.
- DAMAGED HOUSE TO BE REBUILT WITH ADDITIONS AS SHOWN.
- ANY CHANGES TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3.0 FEET TO TOP.
- THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
- THE BAT SYSTEM SHALL BE OPERATED AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
- WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED.
- TOTAL AREA OF DISTURBANCE: 1,210 SQUARE FEET
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- WOOD SHED WILL BE REMOVED PRIOR TO INSTALLATION OF SEPTIC SYSTEM.



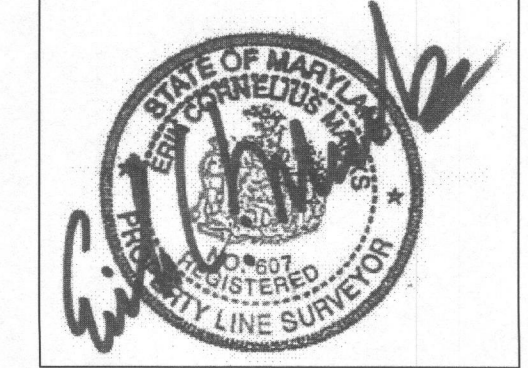
SOIL CLASSIFICATION DESCRIPTION

GhB GLENELG-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES LOAMY AND WELL DRAINED

MaC MANOR LOAM, 8% TO 15% SLOPES WELL DRAINED LOAMY RESIDUUM DERIVED FROM SCHIST PHYLLITE.



THIS IS TO CERTIFY THAT THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH THE PRINCIPALS AND PRACTICE OF ACCEPTED SURVEYING PROCEDURES



ERIK C. MARKS R.P.L.S. NO. 607

APPROVED FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.

DATE: 10/09/2013

OWNER \ BUILDER INFORMATION:

CHARLES M. & MARY A. BARNES
7359 HALLMARK ROAD
CLARKSVILLE, MARYLAND 21029

CONTACT PERSON: Barry Messenger Ph. 301 602 5355

Marks & Associates, LLC
Engineering-Surveying-Land Planning

4531 College Avenue
Ellicott City, Maryland 21043

Phone (410) 747-8738 Fax (410) 747-8738

SCALE 1"=50'

DRAWN BY J.J.

CHECKED BY CM

DATE 10/09/2013

REVISED: 10/09/2013

Site Plan and BAT Installation & PERCOLATION CERTIFICATION PLAT

7359 HALLMARK ROAD TAX ID NO. 383072

HALLMARK, SECTION ONE, LOT 30

CLARKSVILLE, MARYLAND

TAX MAP #41 5TH ELECTION DISTRICT

PARCEL 422 HOWARD COUNTY, MARYLAND