



HOWARD COUNTY HEALTH DEPARTMENT

55326

DATE
11/2/14

P5

Received From

Logan Septic Clean

PHONE #

410-715-5622

For

Septic Permit - Peria Kerman
17612 Browns Bridge / 5345 Bevan Road
Ad. fare

CASH

CHECK

NO.

HM 13

Seven thousand twenty-seventy

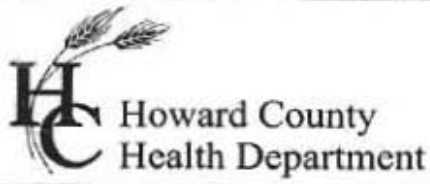
Dollars

\$

2600

Received By

King



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: 11/21/14
 INSTALLATION
 APPROVAL
 DATE: _____

ONSITE SEWAGE DISPOSAL SYSTEM

P 555326-A

PERMIT
REPAIR

A Repair

PROPERTY ADDRESS: 7612 Browns Bridge Road
 SUBDIVISION: Greenville Farms LOT: 2 TAX ID: 05-364078
 CONTRACTOR: Fogles Septic Clean Inc. EMAIL: kevin@foglesinc.com
 CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670
 PROPERTY OWNER: Karen Pitsley EMAIL: _____
 OWNER ADDRESS: 7612 Browns Bridge Road PHONE: 301-776-2666

ECOPOD E60 IN
 2000 GALLON

SEPTIC TANK SIZE (GALLONS): TANK

PUMP CHAMBER CAPACITY (GALLONS): N/A STATIC HEAD (FEET): _____

NUMBER OF BEDROOMS: 5 HOUSE SQ. FT. _____ APPLICATION RATE: 0.8

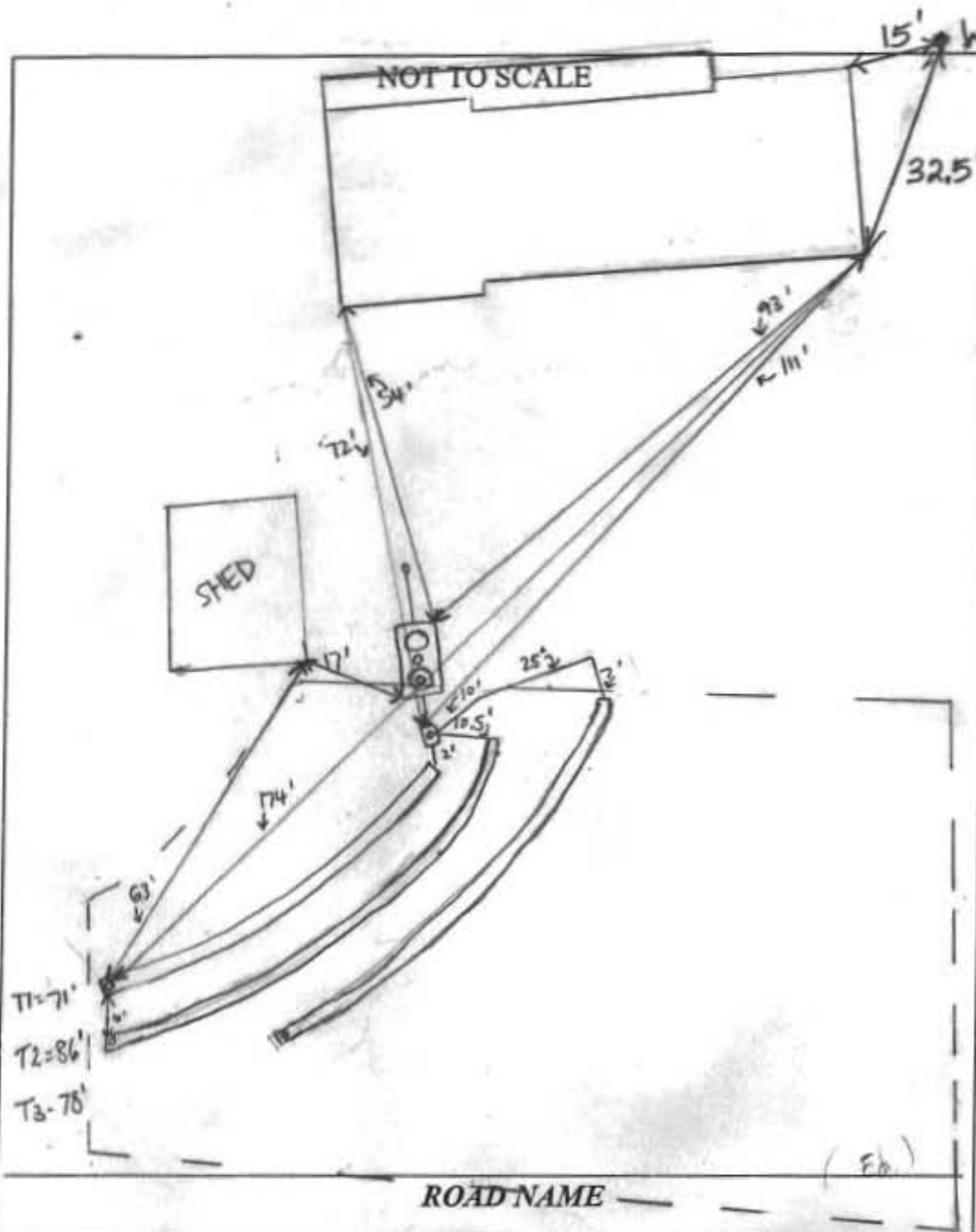
DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: 222 (3x74) <u>234'</u>	INLET DEPTH: <u>5'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>9'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>6'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6.5</u>
LOCATION:	<u>3x78' Trenches</u>	
NOTES:	SDA + BAT location must be stated Ex. Tank must be pumped + abandoned	

ISSUED BY: Jeff Williams ISSUE DATE: 12/10/14 EXPIRATION DATE: 12/10/15

- 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 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.**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	5'	9'
NUMBER OF TRENCHES		3
TOTAL LENGTH		235'
ABSORPTION AREA		470' + SIDEWALK
DISTRIBUTION BOX LEVEL		LEVELERS
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	MAYER BROS.
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	3'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT + REAR
6" PORT LOC	MIDDLE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	NONE
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:

3/9/2015 Install three 78' trenches on contour across the top of the easement. Chicken coop, etc. in middle of septic easement. Can barely fit three trenches above coop, etc. Have to put trenches about 5' outside of easement for them to fit. Homeowner can either put trenches 5' closer to back of house or remove coop, etc. (BB)

INSTALLATION: 3/10/15 Fogle's digging hole for tank. No trench work today b/c of rain coming (SC)
 3/10/15 Tank installed as per BAT plan. (SC) 3/12/15 D-box installed, connected to tank. Fogle's will start trenches today. (SC) 3/13/15 T1 dug and left open on ends. digging T2 during site visit. Fogle's could only fit 71' for T1 and will make up area by making T2 85'. Notified them that they should contact us if they can't stick to plan. 4.5' to stone, 9' to bottom. (SC)
 3/13/15 Site inspection, 2nd trench complete & looks good OK to backfill. measurements taken for as-built, trenches verified @ 7' ETE, 9ft deep & 4 ft of stone. (RR) 3/17/15 Third trench dug. Fogle's filling w/ stone. 9' deep. 4' to stone. (SC) 3/18/15 Inspection of third trench satisfactory, left stake to backfill contractor not onsite but it appeared that they have begun the digging of the trench for the house connection, no plumbing installed yet. ok to

FINAL INSPECTOR _____ DATE OF APPROVAL _____

Continue. T3 = 78' (RR) [Permit not finalized, no BAT startup received from manufacturer.]

7612 Browns Bridge Road
Highland, MD

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: Pitsley142

LR - Agreement Surcharge
1x 40.00 40.00

=====
SubTotal: 60.00

Total: 60.00

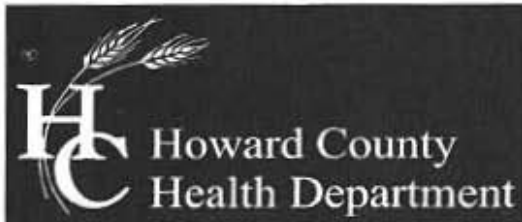
=====
REV-Check-BOA 60.00
Number : 1362

11/25/2014 10:11

CC13-CH

#3571748 /495/109

Thank you for visiting us today"



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

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 25th day of November, among Scott & Karen Pitsley, 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 7612 Browns Bridge Rd., 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 5 Folio 26.

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. The pre-treatment device being installed is Eco Pod E-75N.

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.

Bea Nufan 11/25/2014
Howard County Health Department

[Signature] 11/24/14
Owner #1 Signature Date

Scott Pitsley
Owner #1 Print Name

[Signature] 11/24/14
Owner #2 Signature Date

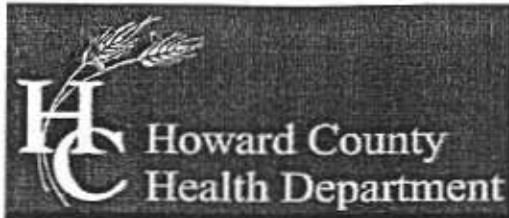
Karen Pitsley
Owner #2 Print Name

[Signature] _____
Buyer #1 Signature Date

Buyer #1 Print Name

[Signature] _____
Buyer #2 Signature Date

Buyer #2 Print Name



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

Twitter: HowardCoHealthDep

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

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Reason for Request:
- [] Failing System
- [] System relocation for proposed addition
- [x] System upgrade for proposed addition
- [] Inadequate treatment zone
- [] Collapsed septic tank
- [] Collapsed drywell

Has the septic tank been pumped within the last month?

- Has the septic tank been pumped within the last month?
- [] Yes Date pumped: _____
- [x] No

Was a visual inspection of the septic tank and/or drain fields conducted?

- Was a visual inspection of the septic tank and/or drain fields conducted?
- [] Yes Explain observations: _____
- [x] No Tank upgrade to BAT

Existing system design

- Existing system design
- [] Drywell
- [x] Trench
- [] Mound
- [] Unknown
- [] Other: _____

Was a visual inspection of the sewage line conducted?

- Was a visual inspection of the sewage line conducted?
- [x] Yes
 - Blockage leading to the tank
 - [] Yes Explain: _____
 - [x] No
 - Blockage leading to the field
 - [] Yes Explain: _____
 - [x] No

Is discharge surfacing on the ground?

- Is discharge surfacing on the ground?
- [] Yes
- [x] No

Additional Comments: ELOPOD E-75

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: FOGLE'S Septic Contractor's Phone: 410-795-5670
Contractor's Address: 580 OBRECHT RD. SYLVESVILLE MD

Property Address: 7612 Browns Bridge Rd County file:
Subdivision: Greenville Farms Lot: 2 Year Built:
Owner's Name: KAREN PITSLDY Owner's Phone:

Name of previous owners: Existing bedrooms:
Proposed bedrooms:

Has this request been previously discussed with a Sanitarian? (Name):
Public Sewer available/nearby:

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

Print out a copy of Real Property Data via Dept. of Taxation website Indexed file found

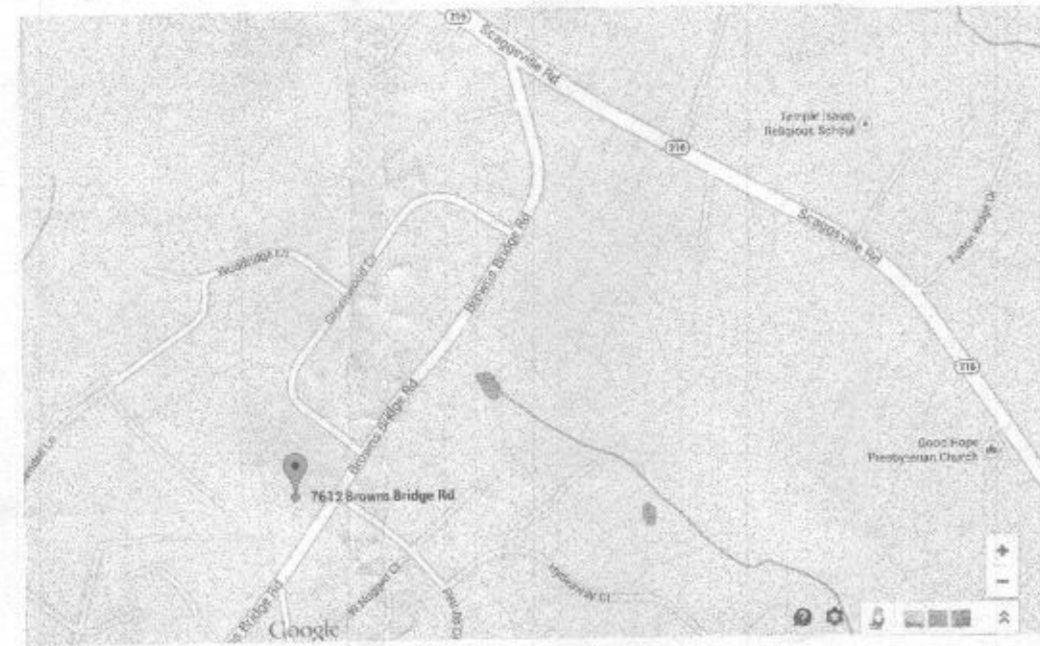
If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required. If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

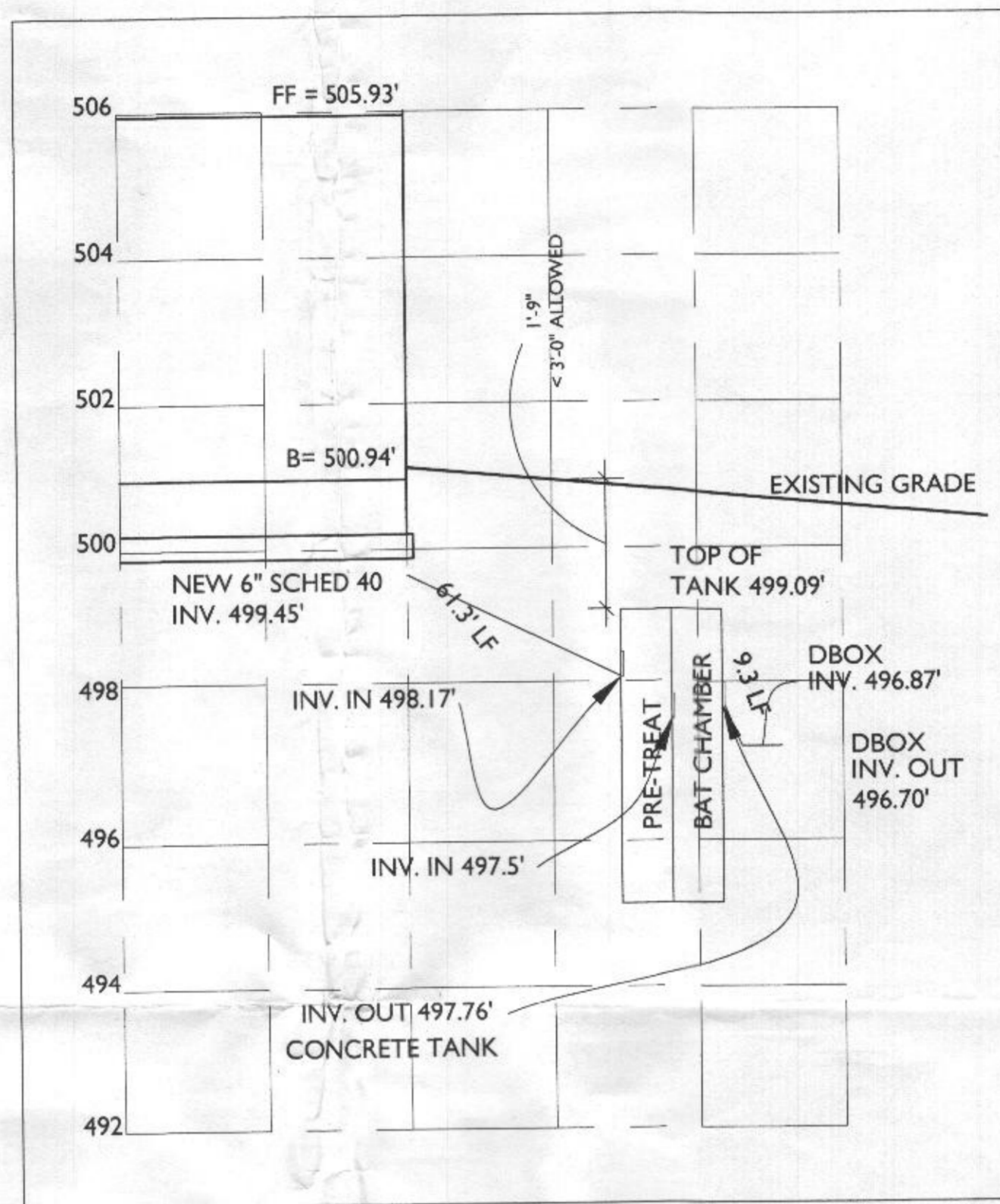
No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.

PROPERTY KNOWN AS LOT 2
GREENVILLE FARMS
PLAT BOOK RHM 5.F.26
& PART LOT 44 SECTION 3
GREENWOOD FARMS
PLAT BOOK RHM 5.F.88
5TH ELECTION DISTRICT
HOWARD COUNTY, MD



LEGEND

- PASSING PERC TEST PIT
- ⊗ FAILED TEST PIT LOCATION
- - - - CURRENT (W/NEW) SYSTEM DESIGN
- - - - FUTURE SYSTEM DESIGNS
- ▨ SEPTIC EASEMENT
- WELL



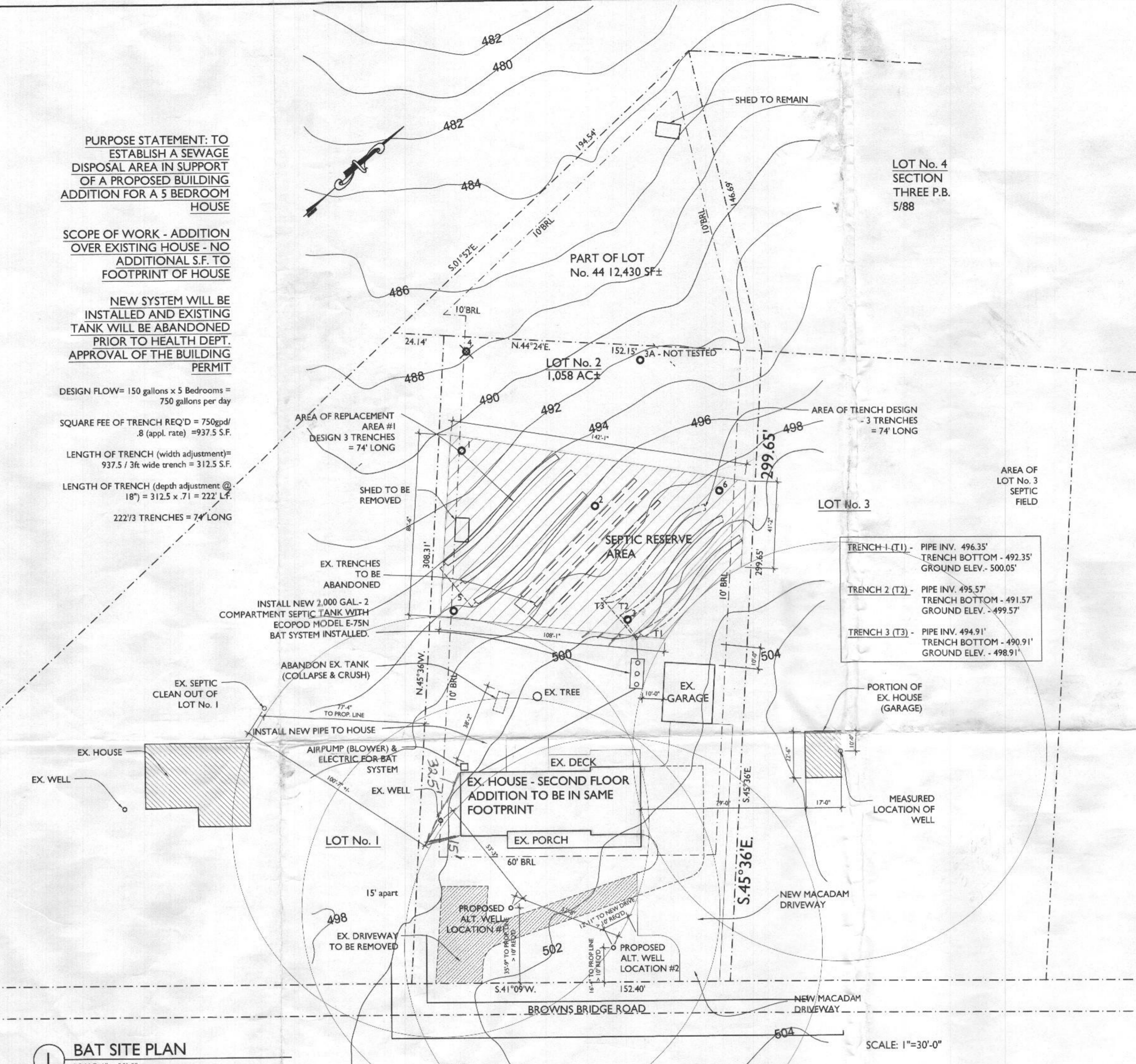
02 HYDROLOGIC PROFILE
A-1 SCALE: HORIZ: 1" = 40' VERT: 1" = 4'

PURPOSE STATEMENT: TO ESTABLISH A SEWAGE DISPOSAL AREA IN SUPPORT OF A PROPOSED BUILDING ADDITION FOR A 5 BEDROOM HOUSE

SCOPE OF WORK - ADDITION OVER EXISTING HOUSE - NO ADDITIONAL S.F. TO FOOTPRINT OF HOUSE

NEW SYSTEM WILL BE INSTALLED AND EXISTING TANK WILL BE ABANDONED PRIOR TO HEALTH DEPT. APPROVAL OF THE BUILDING PERMIT

DESIGN FLOW = 150 gallons x 5 Bedrooms = 750 gallons per day
SQUARE FEE OF TRENCH REQ'D = 750 gpd / .8 (appl. rate) = 937.5 S.F.
LENGTH OF TRENCH (width adjustment) = 937.5 / 3ft wide trench = 312.5 S.F.
LENGTH OF TRENCH (depth adjustment @ 18") = 312.5 x .71 = 222' L.F.
222 2/3 TRENCHES = 74' LONG



1 BAT SITE PLAN
SCALE: 1" = 30'-0"

This area designates a private sewage disposal area as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary.

Any changes to a private sewage easement shall require a revised percolation certification plan.

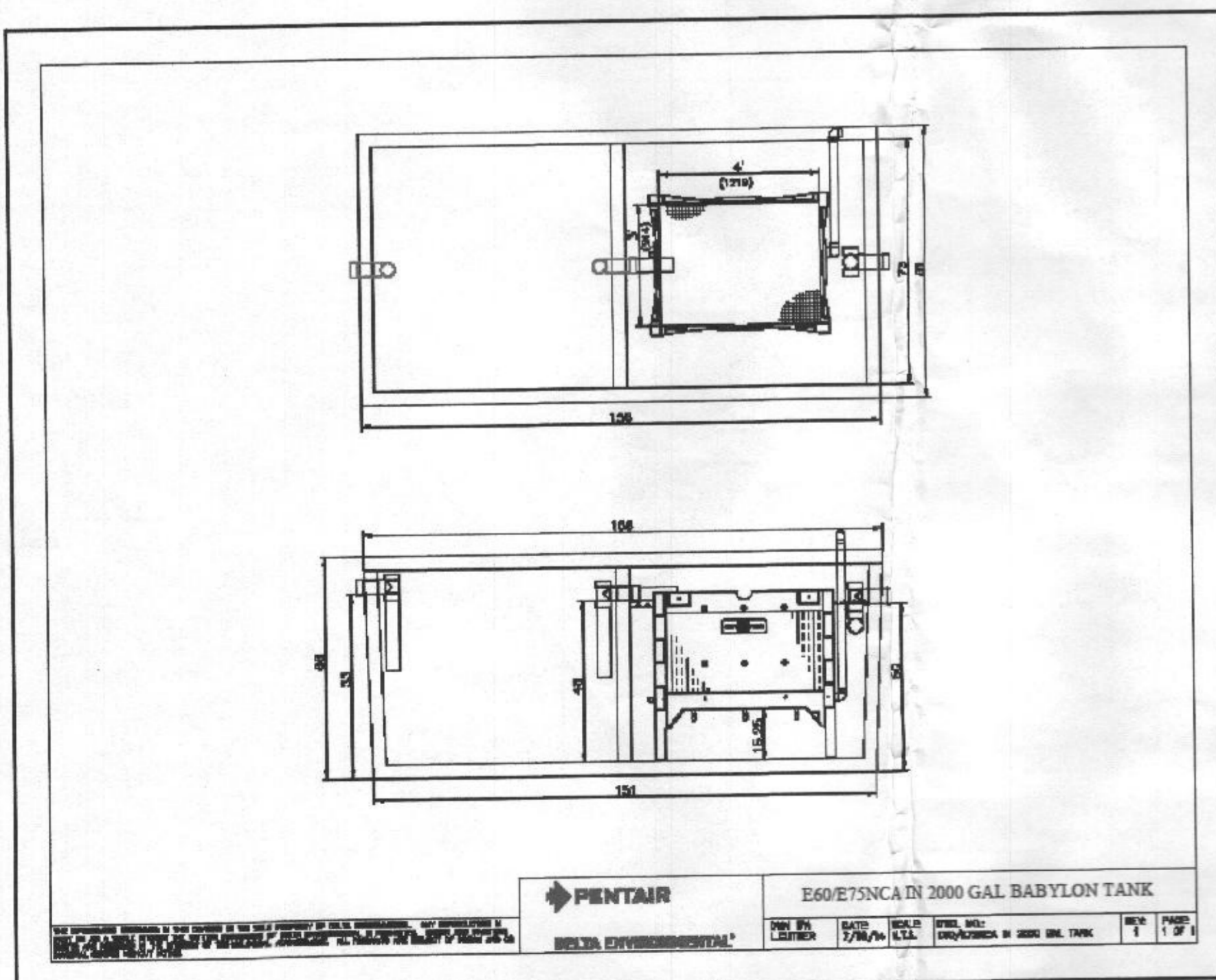
The topography of this plat is taken from Howard County GIS and is verified accurately represent the relative changes on the subject property.

All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems and wells have been shown.

Required BAT Site Plan Notes

1. Any change to the locations or depths to any components must be approved by the engineer and the Howard County Health Department prior to installation. A revised site plan may be required.
2. The maximum depth of the BAT per the manufacturer's specification is 4 feet.
3. The blower may not be located more than 100 feet from the tank based on the manufacturer's specifications.
4. The BAT system shall be maintained and operated for the life of the system.
5. The BAT shall be operated by and maintained by a certified service provider.

6. 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, the address and date of completion of the BAT installation and the type of BAT installed.
7. Electrical work for the BAT installation must be performed by a licensed electrician.
8. An Agreement and Easement must be completed and signed by all applicable parties, and recorded in Land Records of Howard County.
9. The Health Department requires documentation for the start-up certification from the manufacturer prior to final approval of the installation.



TRANSFORMING ARCHITECTURE
7612 Browns Bridge Road
Highland, MD 20777
301-776-2666
301-776-2886 fax
1-877-828-7267
info@TransformingArchitecture.com
www.TransformingArchitecture.com

ARCHITECT
13682
KAREN LYNN PITSLEY
STATE OF MARYLAND
STAMP

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 13662, EXPIRATION 10-22-2015.

NOTE: THESE DRAWINGS ARE THE PROPERTY OF TRANSFORMING ARCHITECTURE AND, AS SUCH, MAY NOT BE RE-USED OR REPRODUCED, EITHER WHOLLY OR IN PART, WITHOUT PRIOR WRITTEN CONSENT OF TRANSFORMING ARCHITECTURE.

PROJECT PHASE
PERMIT

PROJECT TITLE
THE PITSLEY RESIDENCE

7612 Browns Bridge Road
Highland, MD 20777

REVISIONS

SYMBOL	DATE	ISSUED FOR

Approved Septic System Plan
Howard County Health Department
Signature: [Signature] Date: 10/10/14

PROJECT NUMBER 14-111
DATE 12/09/14
SCALE AS NOTED
DRAWING TITLE
BAT SITE PLAN
SHEET NUMBER
S-101