9/21/9/NOON

# PERMIT/

#### SEWAGE DISPOSAL SYSTEM

#### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

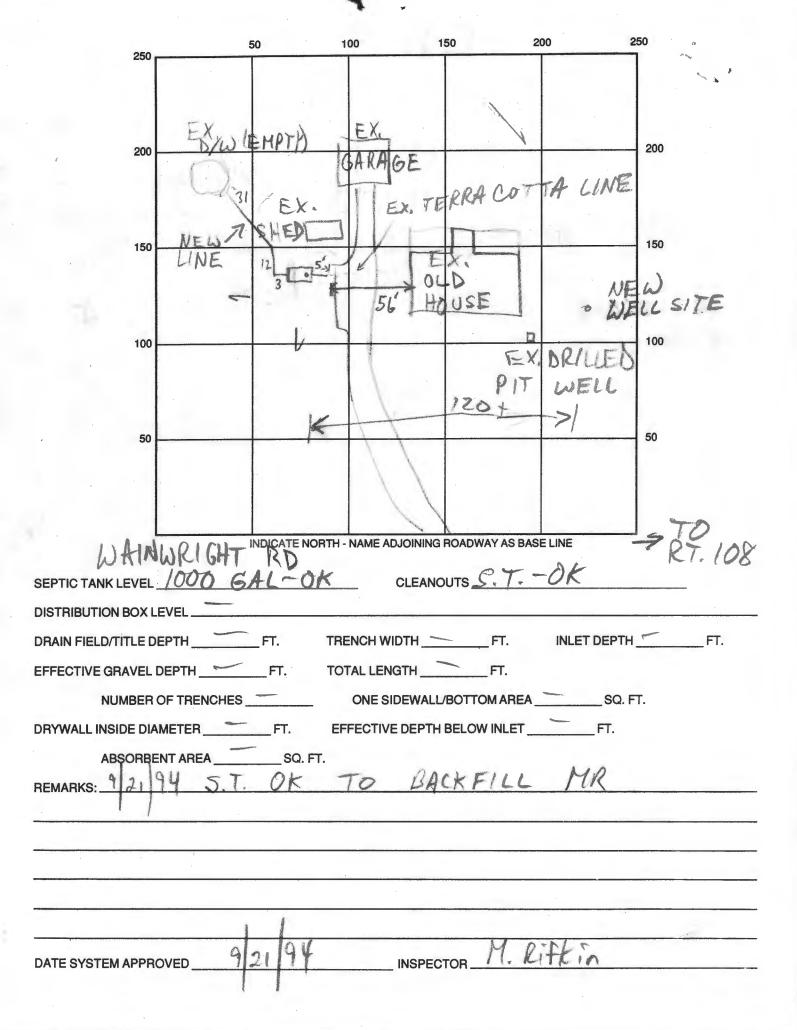
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A REPAIR

DISTRICT

HOWARD COUNTY HEALTH DEPARTM BUREAU OF ENVIRONMENTAL HEALTH  XXABDESTIX 313-2640  Time Expired for C.O.P.  Compliance  Arnold Backhoe & Septic Service	INDEXED	DATE 10/7/94  DATE SYSTEM APPROVED 9 21 94  INSPECTOR M. P. F. C.
ADDRESS P. O. Box 15, Woodbine, M.	aryland 21797	PHONE 795-7873
SUBDIVISION	LOTROAD ±	
PROPERTY OWNER	Charen Charen	Rubin 1-888-265-8663
ADDRESS	P. O. Box 59123 Potomac, Maryland 20859	<u></u>
SEPTIC TANK CAPACITY / O O GALLONS		
NUMBER OF BEDROOMS		
SQUARE FEET PER BEDROOM		
LINEAR FEET OF TRENCH REQUIRED		
REPAIR - PURPOSE - REPLACE COLLAPS Call for inspection when location.	ED SEPTIC TANK. tank is in place so that a	a sanitarian can approve size and 09/19/94
PLANS APROVED BY		DATE
COVER NO WORK UNTIL INSPECTED AND APPROVED		
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH	H DEPARTMENT IS RESPONSIBLE FOR THE S	UCCESSFUL OPERATION OF ANY SYSTEM
NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER ACCEPTABLE.	R LINE AND/OR AT 90° SWEEPS IN LINES	FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT
NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DIST AUTHORIZED)	RIBUTION BOX TRENCHES) TO BE 100 FE	ET FROM WELL (UNLESS OTHERWISE SPECIFICALLY
NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECT	ION BEFORE AND AFTER PLACING GRAVEL II	N TRENCH(ES)
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER	NO ABSORPTION TRENCH TO EXCEED 100	FEET IN LENGTH
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE C	AST IRON OR SCHEDULE 35/40 PVC OR ABS	
PERMIT VOID AFTER TWO YEARS		
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WI PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS	ELL STAND PIPES MUST BE 6 INCHES IN DIA DEEPER THAN 3 FEET. MANHOLE TO GRADE	AMETER CAST IRON. CONCRETE OR TERRA COTTA OR REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES



### Fogle's Septic Clean Inc.

Fogle's Portable Toilets • Fogle's Well Drilling LLC • Fogle's Excavating, LLC



September 21, 2015

Howard Co Dept of Environmental Health 8930 Stanford Blvd Columbia, Md 21045

To Whom it may concern,

On September the 18<sup>th</sup> 2015 Fogle's Septic Clean Inc, has abandoned the septic tank located at 13000 Wainwright Rd in Highland for Winthorpe Design & Build. If you have any questions please call me at the office 410-795-5670.

Sincerely,

Kurt Cassell

Fogle's Septic Clean, Inc.



September 21, 2015

Howard County Health Department 8930 Stanford Blvd. Columbia, Md 21045

RE: 13000 Wainwright Rd

To Whom It May Concerns,

Please be advised that on September 18, 2015, I, Allen Compton with Fogles Well Drilling went out to 13000 Wainwright Rd in Highland, Maryland for Winthorpe Design & Build. I observed that the well is 2' down and appears to be abandon. When Winthorpe starts digging the foundation they have been notified to call us so that Fogles can go back out and observe that the well in fact has been abandoned properly. At that time Fogles will submit an updated abandonment status to the County.

If you have any further questions or concerns please do not hesitate to contact the office.

Sincerely,

Allen Compton

Fogles Well Drilling, LLC

MSD009

#### Bricker, Robert

From:

Bricker, Robert

Sent:

Wednesday, February 26, 2014 10:14 AM

To: Cc: 'bmeshkin@proovebio.com'

Subject:

'paul@ardoinc.com'; 'Chris Ogle' well and septic system issues FW: B13004601

Attachments:

13000 Wainwright Road\_B13004601\_BAT Site Plan required.doc; O&M agreement\_New construction.pdf; BAT\_plan\_requirements\_12-6-2112[1].pdf; instructions for recording

OandM.doc

Mr. Meshkin,

In accordance with the requirements stated in the letter I sent to you on January 16, 2014, I have received a set of floor plans, and the Percolation Certification Plan you elected to revise has been completed and signed by the Approving Authority.

Issues concerning wells on your property and installation of an upgraded septic system must be completed prior to Health Department approval of the referenced building permit application (B13004601).

These three actions must be completed:

- 1. The pit well at the front of the existing residence must be sealed by a Licensed Well Driller, and the Well Abandonment Report received by the Bureau of Environmental Health.
- 2. The Sycamore tree must be cut away from the existing well casing, without damaging the well casing, cap or electrical conduit attached to the cap.
- 3. A septic system upgrade\* that includes a BAT unit and trenches must be completed and the installation approved by the attending Environmental Sanitarian and the BAT unit manufacturer.
- \*Please know that the Septic System (Installation) Permit can be released when the Bureau of Environmental Health receives a receipt from the Land Records office for submittal of the Operation and Maintenance Agreement for recording. See attached O & M Agreement and instructions.

Please inform me when the tree has been removed from the well casing.

Robert Bricker, REHS/R.S., L.E.H.S. Environmental Sanitarian II Bureau of Environmental Health, Well and Septic Program

410-313-2691

From: Bricker, Robert

Sent: Thursday, January 16, 2014 12:34 PM

To: 'bmeshkin@proovebio.com'

Cc: 'paul@ardo.com' Subject: B13004601

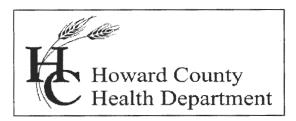
Application 'On Hold'. See attached WORD file (comments) and associated PDFs.

ROBERT BRICKER, CPSS, REHS/RS
ENVIRONMENTAL HEALTH SPECIALIST
DEVELOPMENT COORDINATION SECTION, WELL AND SEPTIC PROGRAM
HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH
8930 STANFORD BOULEVARD
COLUMBIA, MD 21045

410-313-2691; fax, 410-313-2648

#### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.



#### Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21045 Main: 410-313-1771 | 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

Date: January 16, 2014

To: Paul Arnold, Contractor/Applicant

paul@ardoinc.com

RE: Best Available Technology (BAT) Site Plan and BAT denitrification unit required at

13000 Wainwright Road, and other requirements

Dear Mr. and Mrs. Meshkin,

Please be advised that a best available technology (BAT) denitrification unit is required for treatment of wastewater discharge from the proposed dwelling at 13000 Wainwright Road.

A BAT Site Plan is required for Health Department approval of the Building Permit Application (B13004601). This plan should be created by a professional. I have enclosed a document listing the required content for a BAT Site Plan. The BAT Site Plan is to be submitted directly to the Bureau of Environmental Health (to my attention), then when approved it is to be submitted as a revised Plot Plan to Howard County Department of Inspections, Licenses, and Permits.

I am also attaching an Operation and Maintenance Agreement that the owner must complete, sign and submit at our Bureau desk. Our Bureau Director will then sign the agreement, and the owner will hand-carry the signed document first to the Howard County Finance Department and then to Howard County Land Records where the agreement will be recorded. We can release the septic system installation permit when we have a receipt by Land Records that indicates the agreement has been submitted for recordation. The Health Department requires a copy of the recorded document for Use and Occupancy approval.

In addition to approval of the BAT Site Plan, other Health Department requirements include:

- 1. Sealing the abandoned pit well that is located near the existing residence.
- 2. Revision of the Percolation Certification Plan to
  - a. Present the configuration of the property going forward, including
    - i. Retention of proposed future subdivision lines
    - ii. Retention of approved well locations
    - iii. And retention of approved sewage disposal areas
  - b. Correct encroachments on setbacks to
    - i. an approved well location, and
    - ii. a sewage disposal area.
- 3. Dependent upon the owners wishes, as reflected in the content of the revised Percolation Certification Plan, the following may also be required

- a. Establish a new well in an approved location, and
- b. Seal the existing well.
- 4. Floor plans for the existing dwelling must be submitted to the Bureau of Environmental Health, to my attention.

All of these requirements must be implemented prior to Health Department approval of the proposed new construction. It is strongly recommended that the owners meet with me to discuss the details of these requirements and the revision of the Percolation Certification requirements.

Should you have any questions concerning this matter, you may contact me by calling 410-313-2691.

Respectfully, Robert Bricker, REHS/R.S., L.E.H.S. Environmental Sanitarian, Well and Septic Program Howard County Bureau of Environmental Health

Enclosures (2)

Copy: Brian and Catherine Meshkin, Owners/Applicant, bmeshkin@proovebio.com

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## PERMIT

#### SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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A REPAIR

DISTRICT\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

Time Expired for C.O.D.

INDEXED

DATE SYSTEM APPROVED 9 21 9 1

INSPECTOR

Arnold Backhoe & Septic Service IS PERMITTED TO INSTALL ALTER X

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION LOT ROAD 19950 Wainwright Road

PROPERTY OWNER P. 0. Box 59123

ADDRESS Potomac, Maryland 20859

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS

\_\_\_\_\_SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED

REPAIR - PURPOSE - REPLACE COLLAPSED SEPTIC TANK.

Call for inspection when tank is in place so that a sanitarian can approve size and location.

09/19/94

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

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PERMIT VOID AFTER TWO YEARS

PLANS APROVED BY

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

R50317

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DATE SYSTEM APPRO	DVED A	<u> </u>	INSPEC	TOR <u>M. L</u>	itkin	

## SHANABERGER & LAI

Surveying • Land Planning • Construction Stakeout

October 10, 1997

Howard County Health Department Bureau of Environmental Health 3525-H Ellicott Mills Drive Ellicott City, Md. 21043-4544

attention: Mr. Craig Williams, Director

Water and Sewerage Program

re: H. P. Hill Property

Dear Mr. Williams:

We have made several attempts at finding suitable well and septic sites for the H. P. Hill Property, and have yet to find a solution which avoids 2 major problems:

- 1. The property owner having to spend thousands of dollars to relocate a recently-installed well and septic system.
- 2. The Health Department approving a septic easement in an area in which it is reasonable to believe will pot work.

We are in the process of running topography on the H. P. Hill Property. Although the topography is not complete yet, I have plotted what we have shot so far in the area of Lots 1 and 2, and am giving you a copy herewith. It is obvious to me that the stakes we set last week to mark off a suitable private sewage easement for Lot 2 do not accomplish that task. The driveway appears to be in a significant amount manmade cut as it approaches the house, and this cut area was included in the private sewage area we staked out.

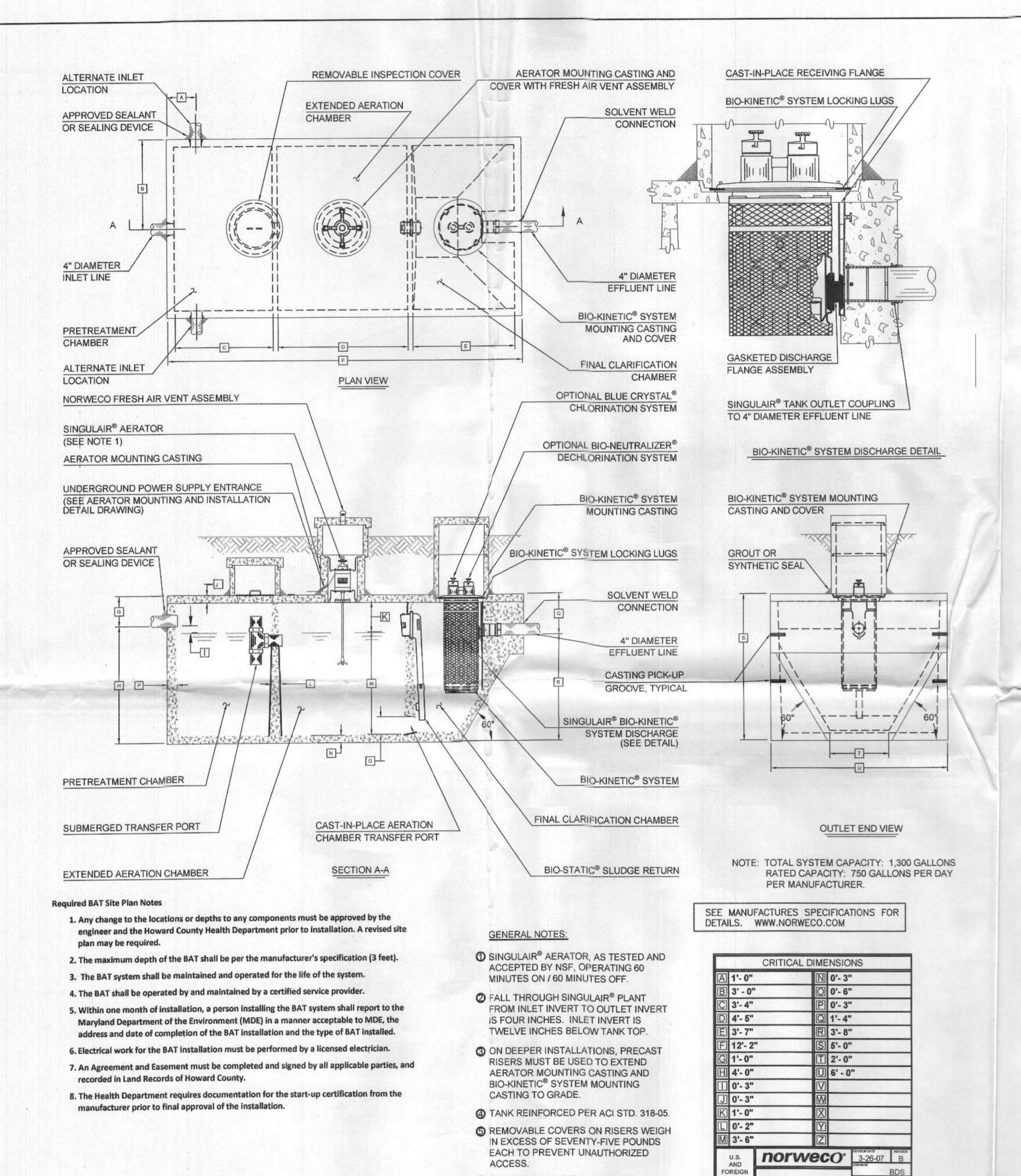
On the print of the topography, I have also drawn what I believe to be a better location of a private sewage easement for Lot 2, which does not include any of the driveway cut area, and stays at least 25 feet away from the minor drainage swale on the western side of the property. I request that you review this print and let me know if it is acceptable; if so, we will then make the changes on our Field-Located Perc Test Plat..

Please call if you have any questions or need any further information.

Sincerely,

Professional L. S.

lettr276 doc



THE DETAILS SHOWN HEREON ARE BASED ON TYPICAL MANUFACTURES DRAWINGS PROVIDED BY NORWECO, ACTUAL MANUFACTURER MAY DIFFER. CONTRACTOR TO VERIFY THAT ALL DIMENSION ARE IN COMPLIANCE WITH THE HEALTH DEPARTMENT REQUIREMENTS.

6 CONTACT THE LOCAL, LICENSED

SINGULAIR® DISTRIBUTOR FOR

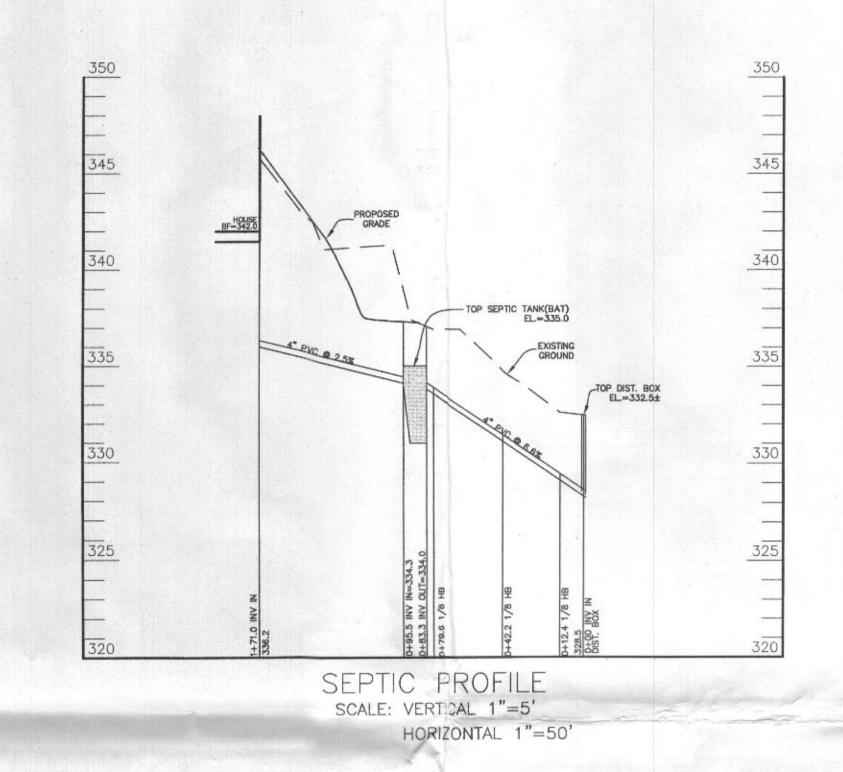
ELECTRICAL REQUIREMENTS.

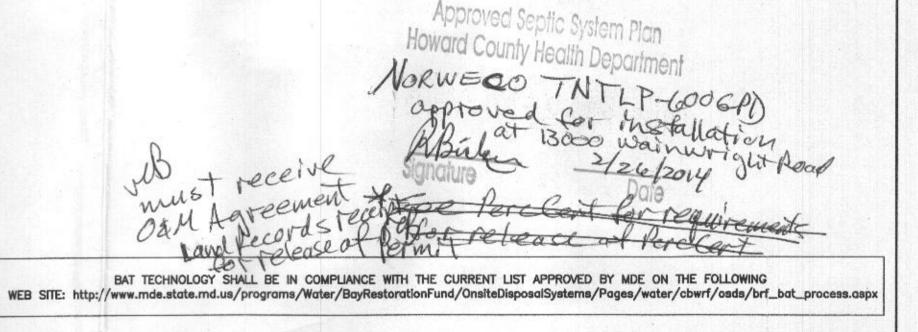
PATENTS

PENDING

BIO-KINETIC® WASTEWATER
TREATMENT SYSTEM

MODEL TNTLP-600 GPD





BENCHMARK

• ENGINEERS A LAND SURVEYORS A PLANNERS

ENGINEERING, INC.

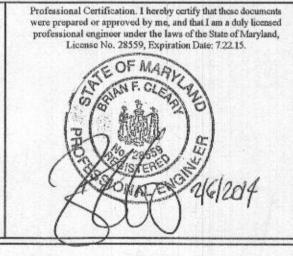
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315 & ELLICOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644

(P) 410-465-6105 (F) 410-465-6644

75 THOMAS JOHNSON DRIVE A SUITE E A FREDERICK, MARYLAND 21702
301-710-5686

WWW.BEI-CIVILENGINEERING.COM



DRAWING \_2 OF \_2

BRIAN MESHKIN &
CATHERINE MESHKIN
13000 WAINWRIGHT ROAD

3000 WAINWRIGHT ROAD HIGHLAND, MD 20777 410-290-9899

JCO DRAFT:

13000 WAINWRIGHT ROAD

ATION:

TAX MAP-40 GRID-15 PARCEL-42

5th ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

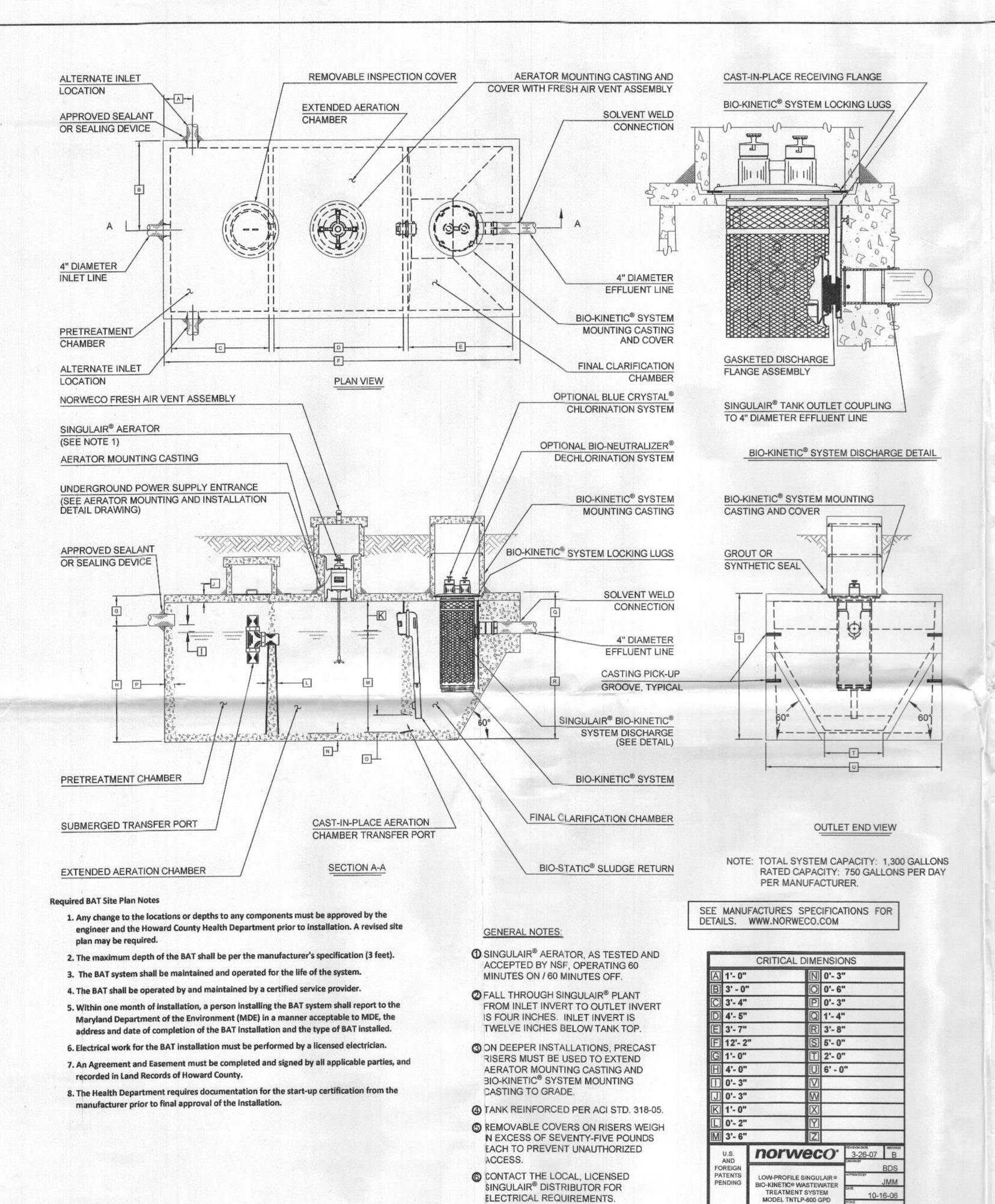
REVISED PERCOLATION
CERTIFICATION AND BAT PLAN

DATE: APRIL 2013 PROJECT NO. 2485

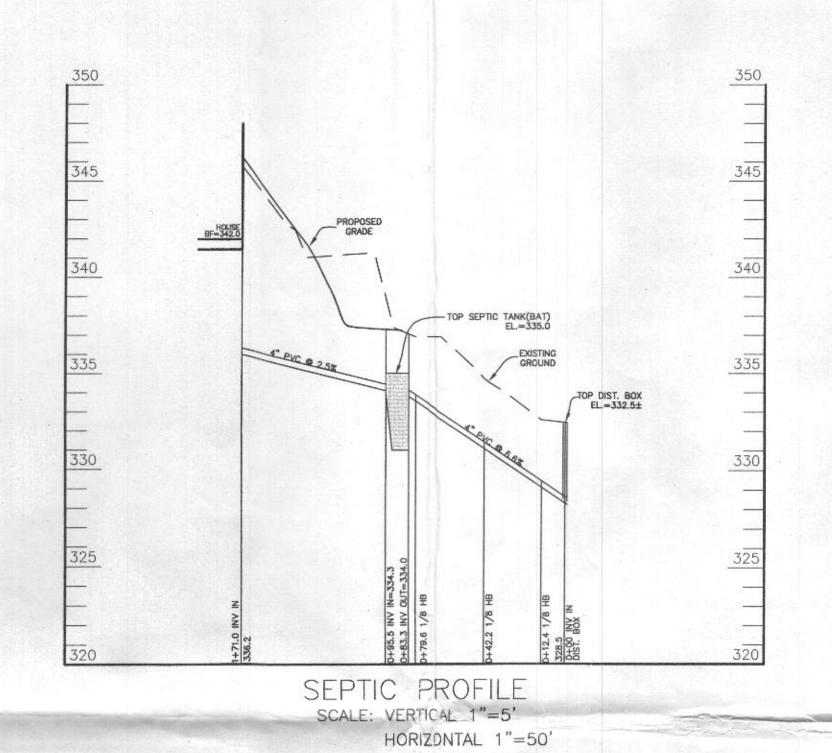
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON PREVIOUS WORK PERFORMED BY SHANABERBER & LANE AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF AND BASED ON PREVIOUS PERCOLATION CERTIFICATION PLAN APPROVED JULY 16, 1998 BY THE HEALTH DEPARTMENT.

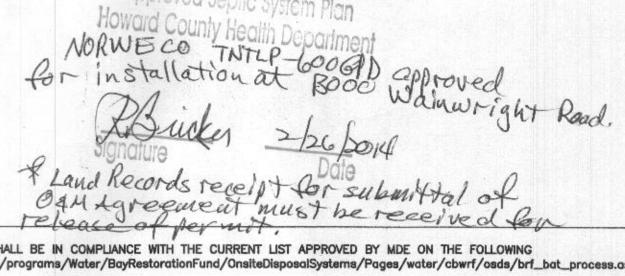
PLAN PREPARED BY J. OHRIS OGLE BENCHMARK ENGINEERING, INC.

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THE DETAILS SHOWN HEREON ARE BASED ON TYPICAL MANUFACTURES DRAWINGS PROVIDED BY NORWECO, ACTUAL MANUFACTURER MAY DIFFER. CONTRACTOR TO VERIFY THAT ALL DIMENSION ARE IN COMPLIANCE WITH THE HEALTH DEPARTMENT REQUIREMENTS.





BAT TECHNOLOGY SHALL BE IN COMPLIANCE WITH THE CURRENT LIST APPROVED BY MDE ON THE FOLLOWING WEB SITE: http://www.mde.state.md.us/programs/Water/BayRestarationFund/OnsiteDisposalSystems/Pages/water/cbwrf/osds/brf\_bat\_process.aspx

> BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315 & ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-8644 75 THOMAS JOHNSON DRIVE A SUITE E AFREDERICK, MARYLAND 21702 301-710-5686

WWW.BEI-CIVILENGINEERING.COM

Professional Certification. I hereby certify that these documents

were prepared or approved by me, and that I am a duly licensed

professional engineer under the laws of the State of Maryland,

License No. 28559, Expiration Date: 7.22.15.

OWNER:

BRIAN MESHKIN & CATHERINE MESHKIN 13000 WAINWRIGHT ROAD HIGHLAND, MD 20777 410-290-9899

DRAFT:

JCO

JCO

13000 WAINWRIGHT ROAD

TAX MAP-40 GRID-15 PARCEL-42 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

REVISED PERCOLATION CERTIFICATION AND BAT PLAN

APRIL 2013 PROJECT NO. 2485 FEBRUARY 2014 DRAWING 2 OF 2 SCALE: AS SHOWN

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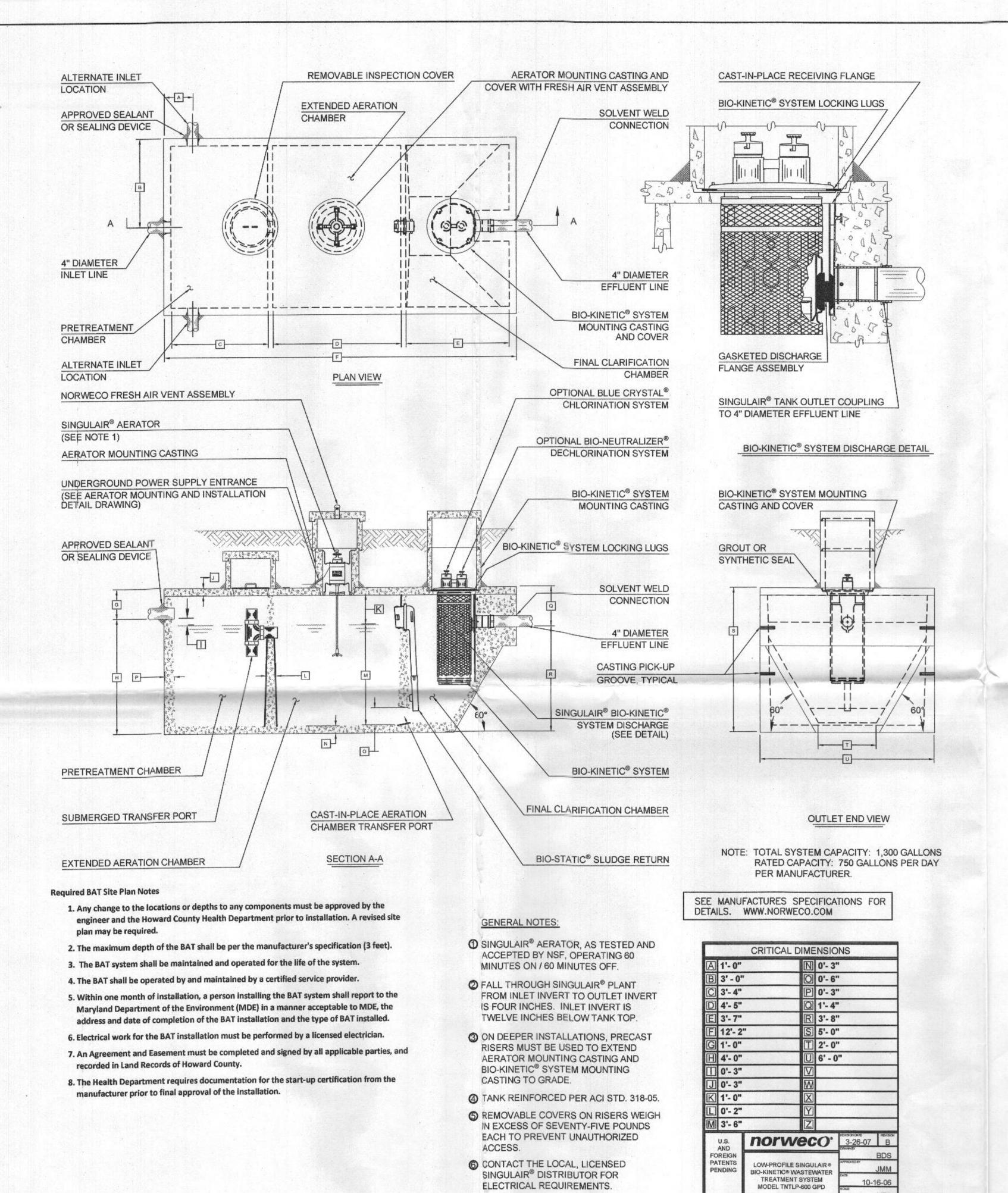
SHANABERBER & LANE AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF AND BASED ON PREVIOUS PERCOLATION CERTIFICATION PLAN APPROVED JULY 16,

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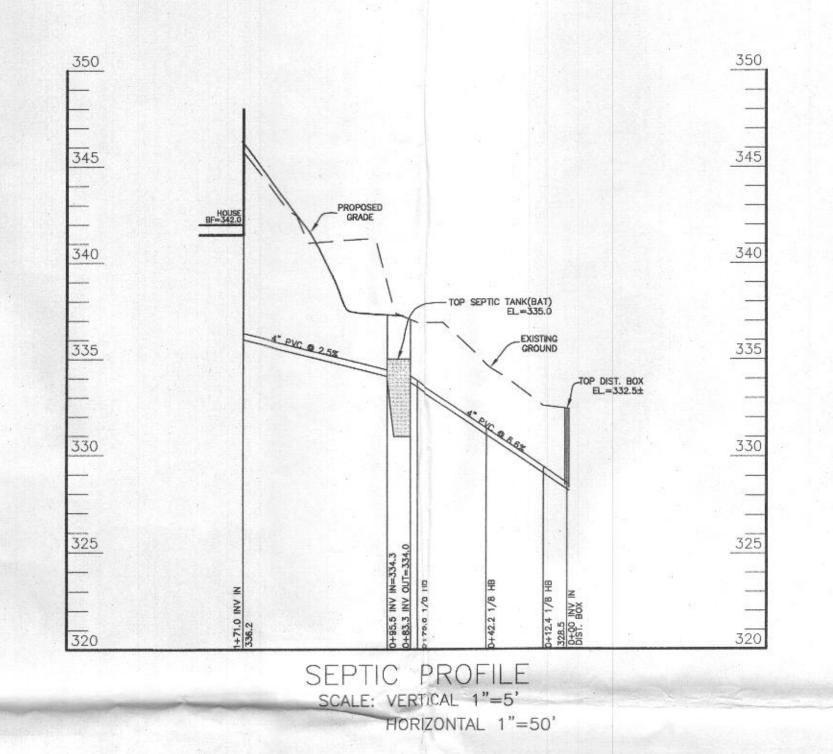
PLAN PREPARED BY J. CHRIS OGLE

BENCHMARK ENGINEERING, INC.

BASED ON PREVIOUS WORK PERFORMED BY



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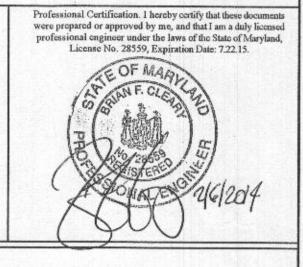
Howard County Health Department NORWECO TATLP 600GPD approved for Installation at 13000 Wainwright Road

BAT TECHNOLOGY SHALL BE IN COMPLIANCE WITH THE CURRENT LIST APPROVED BY MDE ON THE FOLLOWING WEB SITE: http://www.mde.state.md.us/programs/Water/BayRestorationFund/OnsiteDisposalSystems/Pages/water/cbwrf/osds/brf\_bat\_process.aspx



ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315 & ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644 75 THOMAS JOHNSON DRIVE A SUITE E A FREDERICK, MARYLAND 21702 301-710-5686 WWW.BEI-CIVILENGINEERING.COM



OWNER:

DESIGN:

BRIAN MESHKIN & CATHERINE MESHKIN 13000 WAINWRIGHT ROAD HIGHLAND, MD 20777 410-290-9899

DRAFT:

JCO

13000 WAINWRIGHT ROAD

TAX MAP-40 GRID-15 PARCEL-42 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

REVISED PERCOLATION CERTIFICATION AND BAT PLAN

PROJECT NO. 2485 DRAWING 2 OF 2 SCALE: AS SHOWN

PROJECT:

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PLAN PREPARED BY J. OHRIS OGLE BENCHMARK ENGINEERING, INC.

