

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: 7.8.14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 554534  
 INSTALLATION APPROVAL DATE: 10/14/14 **PERMIT** A \_\_\_\_\_  
**CONSTRUCTION**

PROPERTY ADDRESS: 2270 McKendree Road  
 SUBDIVISION: McKendree Springs LOT: 4 TAX ID: \_\_\_\_\_  
 CONTRACTOR: PH Dymond Corporation EMAIL: phdymondcorp@netzero.net  
 CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: 443-250-9407  
 PROPERTY OWNER: Mckendree Associates EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: 2331 York Road Ste 301, Timonium, MD 21093 PHONE: 410-977-6149

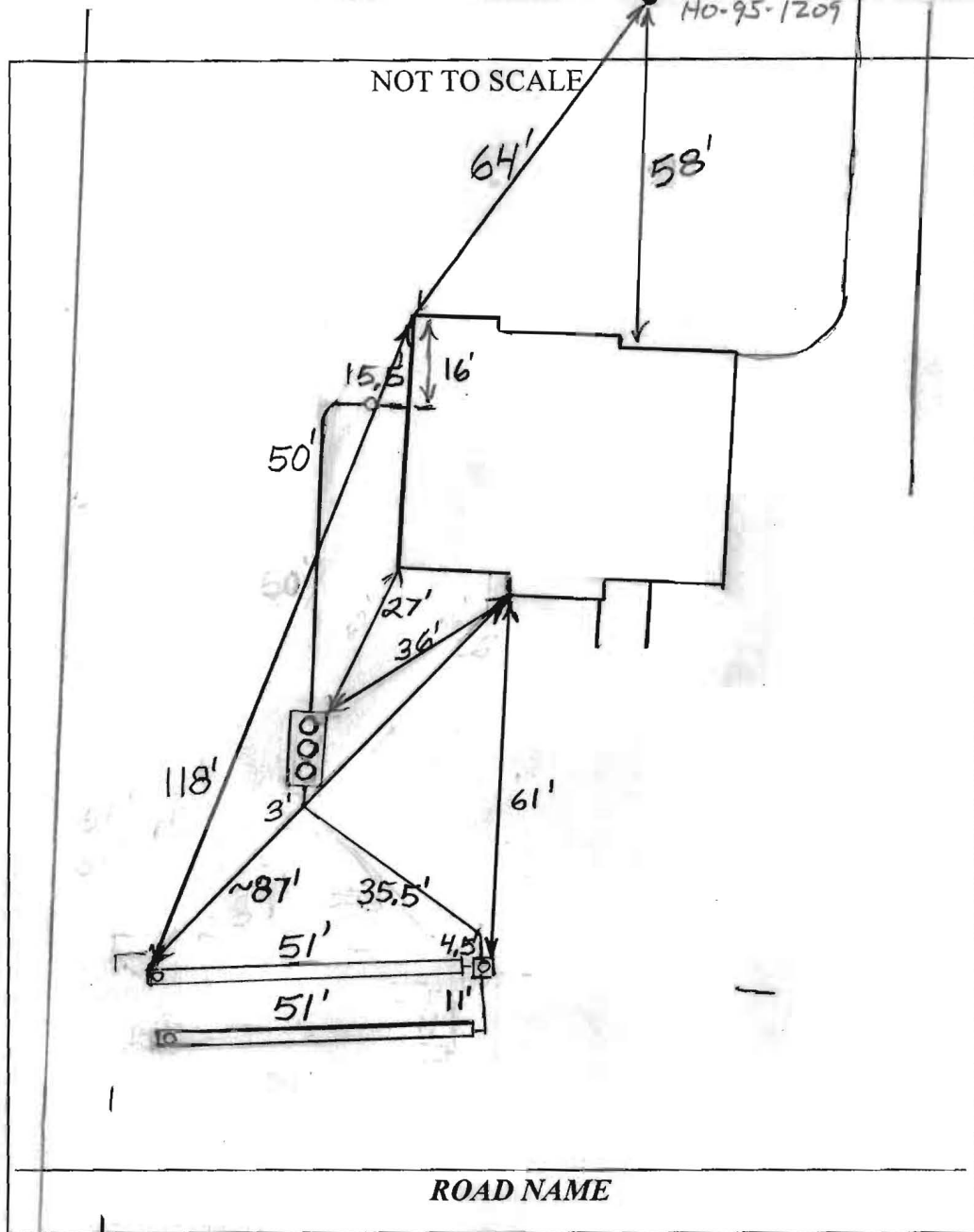
BAT UNIT MODEL: Norweco TNTLP BAT UNIT SIZE: 600 GPD  
 PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ PUMP SIZE: \_\_\_\_\_  
 NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. \_\_\_\_\_ APPLICATION RATE: 1.2  
 DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>SEE BAT PLAN</u>	INLET DEPTH: <u>SEE BAT PLAN 5'</u>
	TRENCH WIDTH: <u>SEE BAT PLAN 3.0'</u>	MAXIMUM BOTTOM DEPTH: <u>SEE BAT PLAN 8.0'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>SEE BAT PLAN</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>SEE BAT PLAN</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 per plan:	

ISSUED BY: Jeff Williams ISSUE DATE: 7.8.14 EXPIRATION DATE: 7.8.15

- 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
3'	4.5-5'	7.5-8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		102'
ABSORPTION AREA		306 + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes


SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Norweco
CAPACITY	1300 GAL
SEAM LOC	Top
TANK LID DEPTH	2-25'
BAFFLES	No
BAFFLE FILTER	N/A
MANHOLE LOC	Front, Middle, Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	N/A
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

**PRE-CONSTRUCTION:**

7/31/14 BAT unit staked. OK to set tank per stakeout. Electric shot in SRA. Contour runs stake to stake as per site plan. Install system per approved BAT unit plan. Trench work OK. (KW)

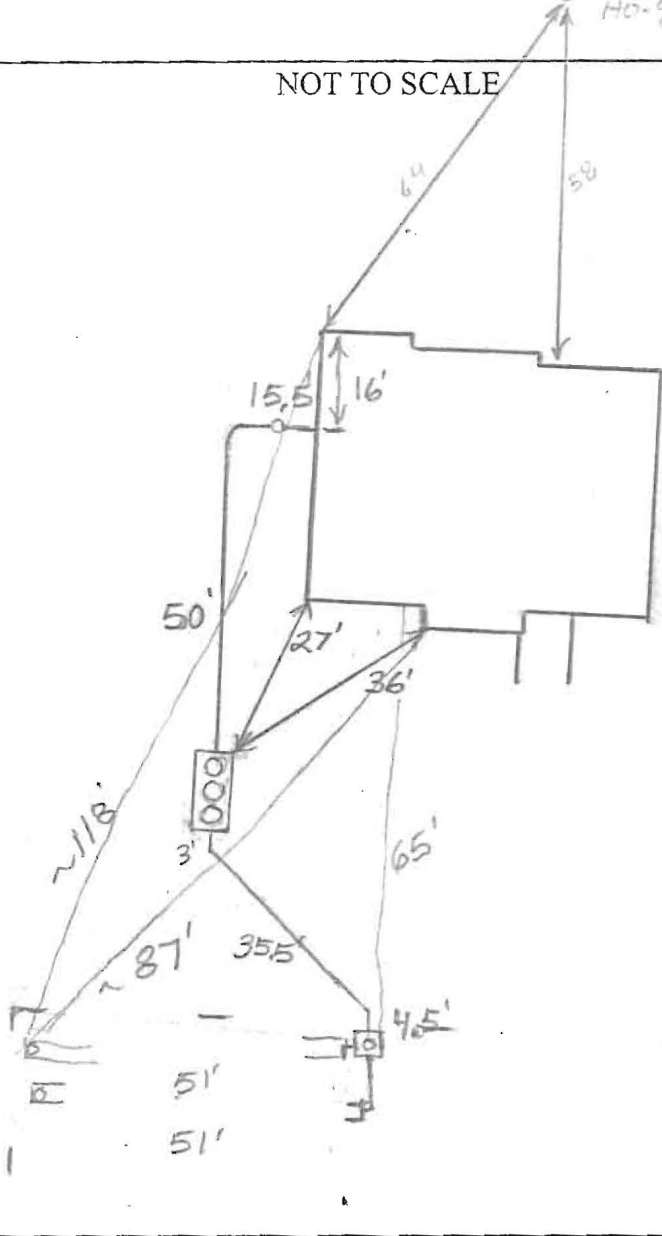
**INSTALLATION:**

8/1/14 No one onsite. BAT unit set per plan. OK to continue (KW)  
 8/13/2014 House connection made. Starting on trenches. (BB)  
 8/14/2014 Trenches finished. Need to install and check levelers. (BB)  
 8/15/2014 Levelers adjusted. Need approval from Norweco representative. (BB)  
 10/14/14 - Norweco start-up certificate received. (BB)

FINAL INSPECTOR  DATE OF APPROVAL 10/14/14

HO-95-1209

NOT TO SCALE



ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH 3' INLET 4.5-5' BOTTOM 7.5-8'

NUMBER OF TRENCHES \_\_\_\_\_

TOTAL LENGTH \_\_\_\_\_

ABSORPTION AREA \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL Yes

MANUFACTURER Norweco

CAPACITY 1300 GAL

SEAM LOC Top

TANK LID DEPTH 2-2.5'

BAFFLES No

BAFFLE FILTER N/A

MANHOLE LOC Front Middle Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED N/A

DATE ON LID Dry

**PUMP/SEPTIC TANK LEVEL** N/A

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

**PRE-CONSTRUCTION:**

7/31/14 BAT unit staked. OK to set tank per stakeout. Electrical shot in SRA. Contour runs stake do stake as per site plan. Install system per approved BAT site plan. Tank specs OK. (KW)

**INSTALLATION:**

8/1/14 No more onsite. BAT unit set per plan. OK to continue. (KW)

8/13/2014 House connection made. Starting on trenches. (B)

8/14/2014

FINAL INSPECTOR \_\_\_\_\_

DATE OF APPROVAL \_\_\_\_\_

COMMUNITY PANEL NO: 24027C 0045D

ZONE: "X"

NOTE:

THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD ZONE

S 27° 13' 59" W

178.59'

30' BRL

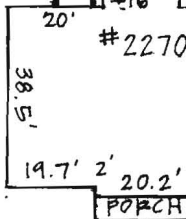
EX. SEWAGE DISPOSAL AREA

10' BRL

S 63° 09' 52" E

LOT 4

POURED CONC. FOUNDATION WALLS (TOP OF CONC. FDTN. WALLS 549.65±



56'±

75' BRL

EX. WELL TAG #HO-95-1209

280.92'

S 29° 44' 35" W

180.71'

MCKENDREE ROAD 60' R/W

*Wall check OK DB 7-8-14*



LOCATION SURVEY #2270 MCKENDREE ROAD LOT 4 "MCKENDREE SPRINGS" PLAT #22329 ELECTION DISTRICT NO. 4 HOWARD COUNTY, MD

I HEREBY CERTIFY THAT THE LOT SHOWN HEREON HAS BEEN SURVEYED FOR THE PURPOSE OF LOCATING ALL IMPROVEMENTS ONLY. THE PLAT IS A BENEFIT TO THE CONSUMER ONLY IN SO FAR AS IT IS REQUIRED BY A LENDER OR A TITLE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING. THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY LINES OR BOUNDARIES. 10255

ACCURACY OF SETBACKS IS ± 1'



DRAWN BY: BLM

SURVEYED BY: DTW/JK

CHECKED BY: MVM

SCALE: 1" = 40'

DATE: 6/23/2014

388 E. JOPPA RD. SUITE 101 TOWSON, MD 21286

T: (410) 288-6000 F: (410) 288-6005



May 6, 2014

To: Howard County  
Department of Environmental Health

From: Robert Gentry  
Envision Builders, LLC

Re: New BAT Septic Tank Permit  
~~2270 McKendree Road, West Friendship~~  
~~Building Permit No.:~~

*Address*

*Submitted 5/6*

Enclosed please find our septic BAT plans for the above-referenced new home building permit. You can reach me at 410-925-5992 should you have any questions.

Regards,

*Robert Gentry*

Robert Gentry

2260 + 2270 Mckendree  
Road

Clerk of the Circuit Court  
Howard County  
Land Records/Licensing

The Thomas Dorsey Building  
9250 Bendix Road  
Columbia, MD 21045  
410-313-5850

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LR - Agreement Recording Fee  
1x 20.00 20.00

Grantor/Grantee Name: Mckendree Assoc  
Reference/Control #: 175

LR - Agreement Surcharge  
1x 40.00 40.00

LR - Agreement Recording Fee  
1x 20.00 20.00

Grantor/Grantee Name: Mckendree Assoc  
Reference/Control #: 176

LR - Agreement Surcharge  
1x 40.00 40.00

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SubTotal: 120.00  
Total: 120.00

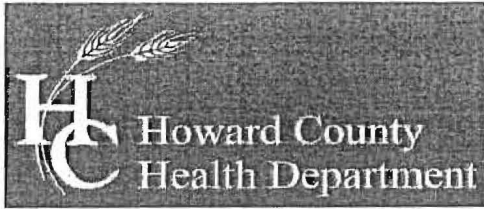
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REV-Check-BOA 120.00  
Number : 1949

07/22/2014 14:35  
#3071708 /495/109

CC13-CH

~ Thank you for visiting us today ~



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

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

THIS AGREEMENT is made, this <sup>(22nd)</sup> ~~17th~~ day of July 2014, among McKendree Associates, 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 2270 McKendree Road, in the 4<sup>th</sup> 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 7803 Folio 591.

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.

By: Robert Crenshaw 7/22/14  
\_\_\_\_\_  
Owner Date

\_\_\_\_\_  
Owner Date

Ben Nijon 7/22/14  
\_\_\_\_\_  
Howard County Health Department

# 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 2270 McKendree Dr., West Friendship, MD 21794 July 31, 2014 was installed according to the manufacture's specifications.

Installer: Paul Dymond Jr.



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MATTHEW GECKLE

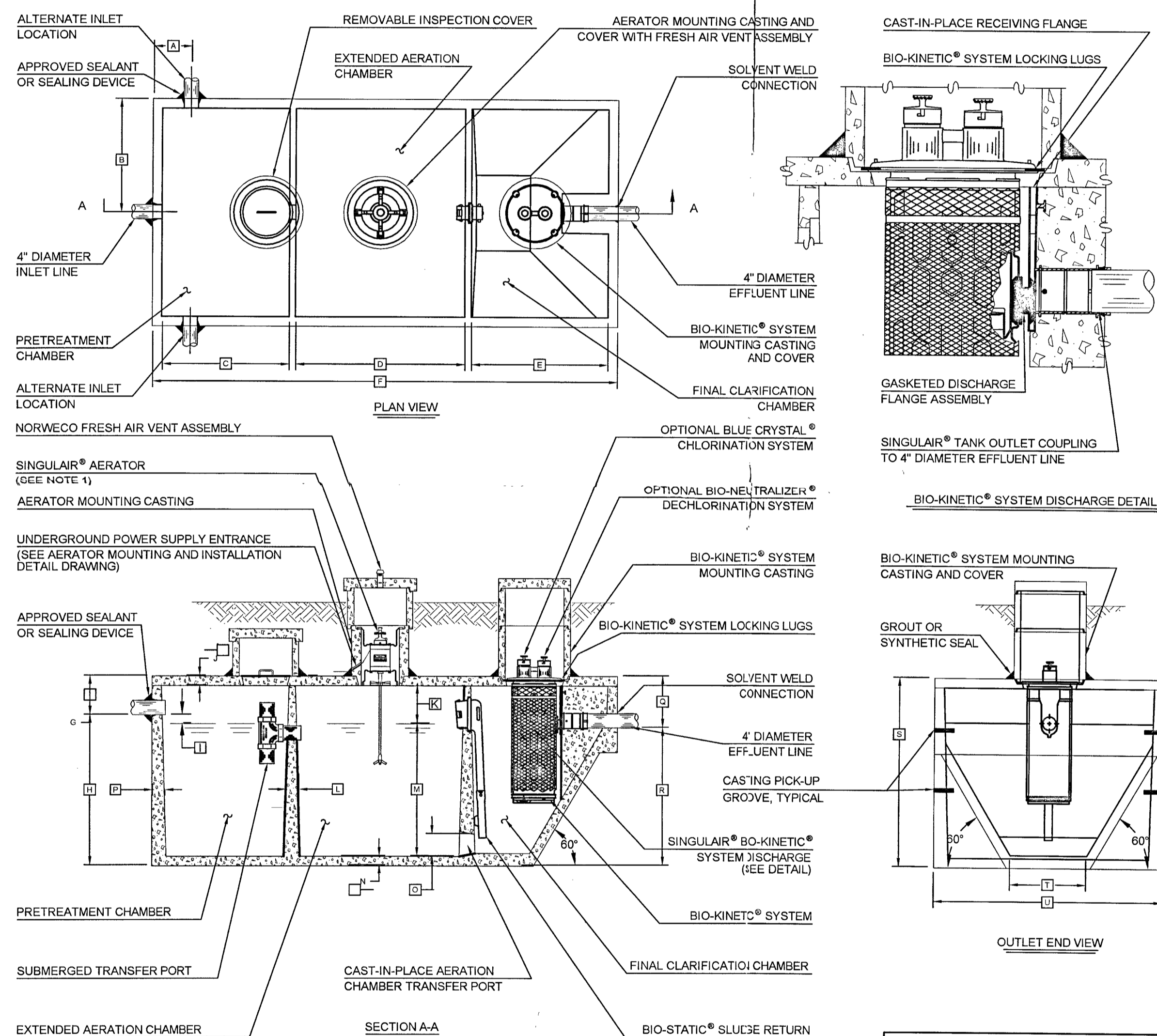
Vice-President

**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 3 FEET.
3. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
4. THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
5. WITHIN ONE (1) 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.
6. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
7. AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN LAND RECORDS OF HOWARD COUNTY.
8. THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

**LEGEND**

- EXISTING CONTOURS
- BOUNDARY
- SEWAGE DISPOSAL AREA
- INITIAL TRENCH SYSTEM
- 1st REPLACEMENT SYSTEM
- NON-ROOFTOP DISCONNECTION AREA (FILTER STRIP)
- ROOFTOP DISCONNECTION LENGTH (FILTER STRIP)
- ROOF DOWNSPOUTS
- BUILDING RESTRICTION LINE
- FOREST CONSERVATION EASEMENT
- PASSED PERCOLATION TEST HOLE
- FAILED PERCOLATION TEST HOLE
- SOILS TYPE AND CLASS
- SOILS DELINEATION LINE



SEE MANUFACTURER'S SPECIFICATIONS FOR DETAILS. WWW.NORWECO.COM

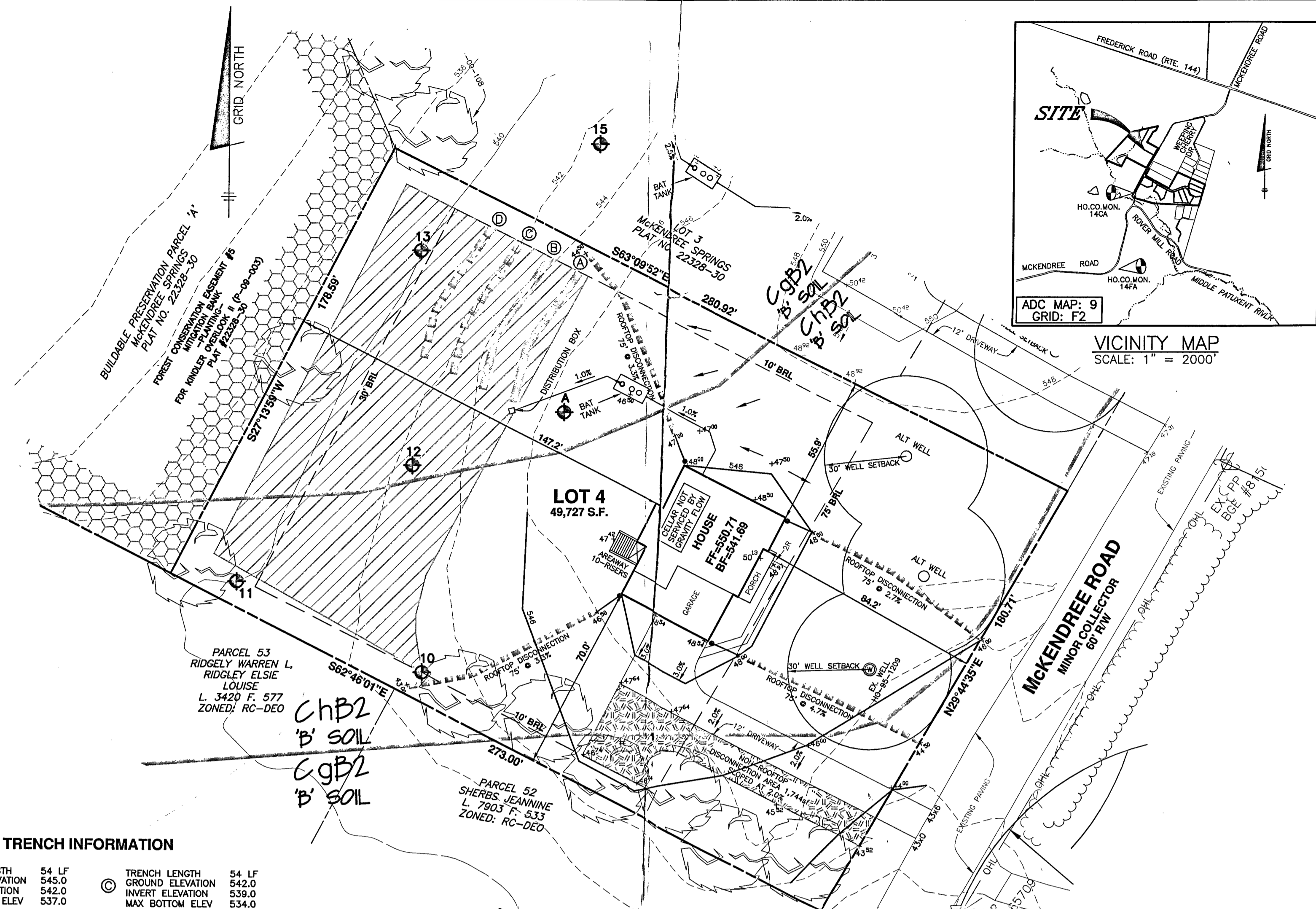
**GENERAL NOTES:**

1. SINGULAR® AERATOR, AS TESTED AND ACCEPTED BY NSF, OPERATING 60 MINUTES ON / 60 MINUTES OFF.
2. FALL THROUGH SINGULAR® PANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.
3. ON DEEPER INSTALLATIONS, PECAST RISERS MUST BE USED TO EXTEND AERATOR MOUNTING CASTING AND BIO-KINETIC® SYSTEM MOUNTING CASTING TO GRADE.
4. TANK REINFORCED PER ACI 308.3-05.
5. REMOVABLE COVERS ON RISERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.
6. CONTACT THE LOCAL LICENSED SINGULAR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

NOTE: TOTAL SYSTEM CAPACITY: 1,300 GALLONS  
RATED CAPACITY: 600 GALLONS PER DAY PER MANUFACTURER.

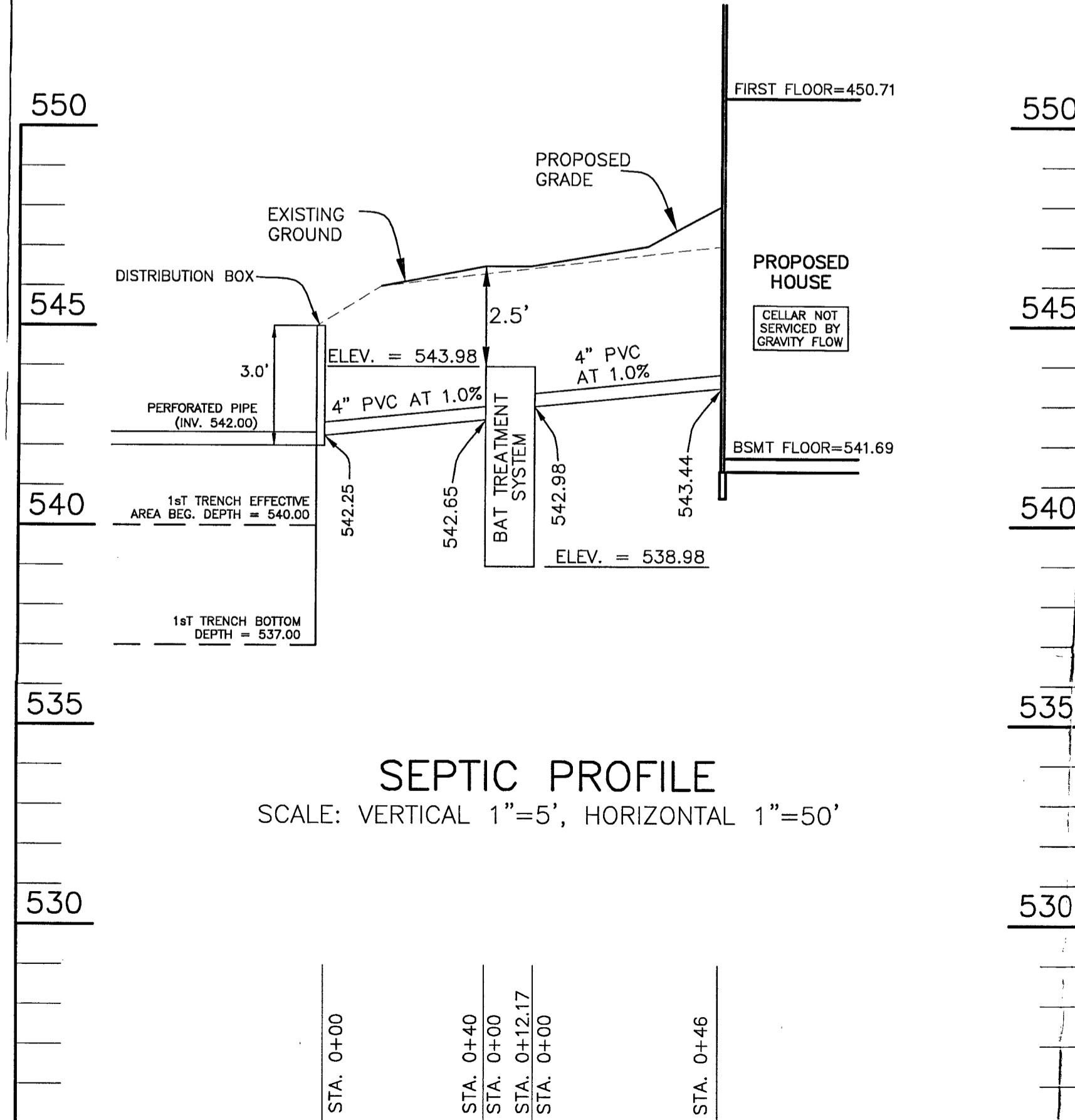
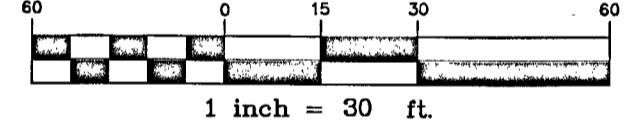
CRITICAL DIMENSIONS			
A	1'-0"	N	0'-3"
B	3'-0"	O	0'-6"
C	3'-4"	P	0'-3"
D	4'-5"	Q	1'-4"
E	3'-7"	R	3'-8"
F	12'-2"	S	5'-0"
G	1'-0"	T	2'-0"
H	4'-0"	U	6'-0"
I	0'-3"	V	
J	0'-3"	W	
K	1'-0"	X	
L	0'-2"	Y	
M	3'-6"	Z	

**BENCHMARK ENGINEERING, INC.**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
640 BALTIMORE NATIONAL PIKE & SUITE 315 • ELICOTT CITY, MARYLAND 21043  
(P) 410-465-6105 (F) 410-465-6644  
WWW.BE-CIVILENGINEERING.COM



**TRENCH INFORMATION**

1	TRENCH LENGTH	54 LF	2	TRENCH LENGTH	54 LF
	GROUND ELEVATION	545.0		GROUND ELEVATION	542.0
	INVERT ELEVATION	542.0		INVERT ELEVATION	539.0
	MAX BOTTOM ELEV	537.0		MAX BOTTOM ELEV	534.0
3	TRENCH LENGTH	54 LF	4	TRENCH LENGTH	54 LF
	GROUND ELEVATION	544.0		GROUND ELEVATION	541.0
	INVERT ELEVATION	541.0		INVERT ELEVATION	538.0
	MAX BOTTOM ELEV	536.0		MAX BOTTOM ELEV	533.0



**SEPTIC PROFILE**  
SCALE: VERTICAL 1"=5', HORIZONTAL 1"=50'

INITIAL SYSTEM	
Number of Bedrooms	5
Application Rate	1.2 gpd/sf
Effective Area Beginning Depth	5 ft
Bottom Max Depth	8 ft
Design Flow	750 gpd
Drainage Field square footage	625 sf
Sidewall reduction credit	0.5
Trench width	3
Effective Area Depth	3
Linear Length of trench Required	104 lf

1st REPLACEMENT SYSTEM	
Number of Bedrooms	5
Application Rate	1.2 gpd/sf
Effective Area Beginning Depth	5 ft
Bottom Max Depth	8 ft
Design Flow	750 gpd
Drainage Field square footage	625 sf
Sidewall reduction credit	0.5
Trench width	3
Effective Area Depth	3
Linear Length of trench Required	104 lf

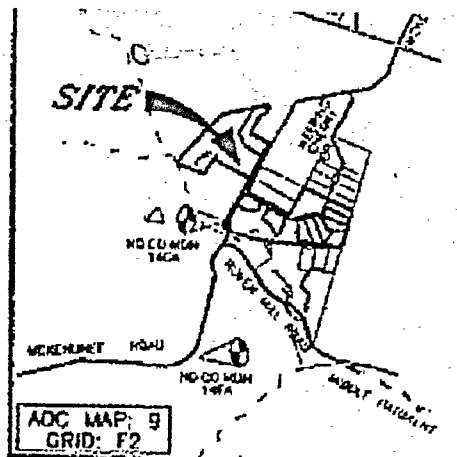
SEPTIC INVERT CHART	
INV @ HOUSE	543.44
GROUND @ HOUSE	548.00
INV IN BAT TANK	542.98
INV OUT BAT TANK	542.65
TOP OF BAT TANK	543.98
GROUND OVER TANK	546.50
INV IN DIST-BOX	542.25
INV OUT DIST BOX	542.00
GROUND AT DIST-BOX	545.00

Approved Septic System Plan  
Howard County Health Department  
Signature: [Signature] 5/16/14 Date: [Signature]  
DAVID THOMPSON 4/23/2014

OWNER: MCKENDREE ASSOCIATES LLC 2331 YORK ROAD, SUITE 301 TIMONIUM, MARYLAND 21093	MCKENDREE SPRINGS LOT 4 2270 MCKENDREE ROAD WEST FRIENDSHIP, MARYLAND 21794
	TAX MAP: 14 GRID: 6 PARCEL: 128 ZONED: RC-DEO ELECTION DISTRICT NO. 4
<b>SITE PLAN FOR BAT INSTALLATION</b>	
DATE: APRIL 25, 2014	BEI PROJECT NO: 2598
DESIGN: DBT	DRAWN: DBT
SCALE: AS SHOWN	SHEET 1 OF 1

Scale  
1" = 40'  
2270 McKendree Rd  
West Friendship MD 21794

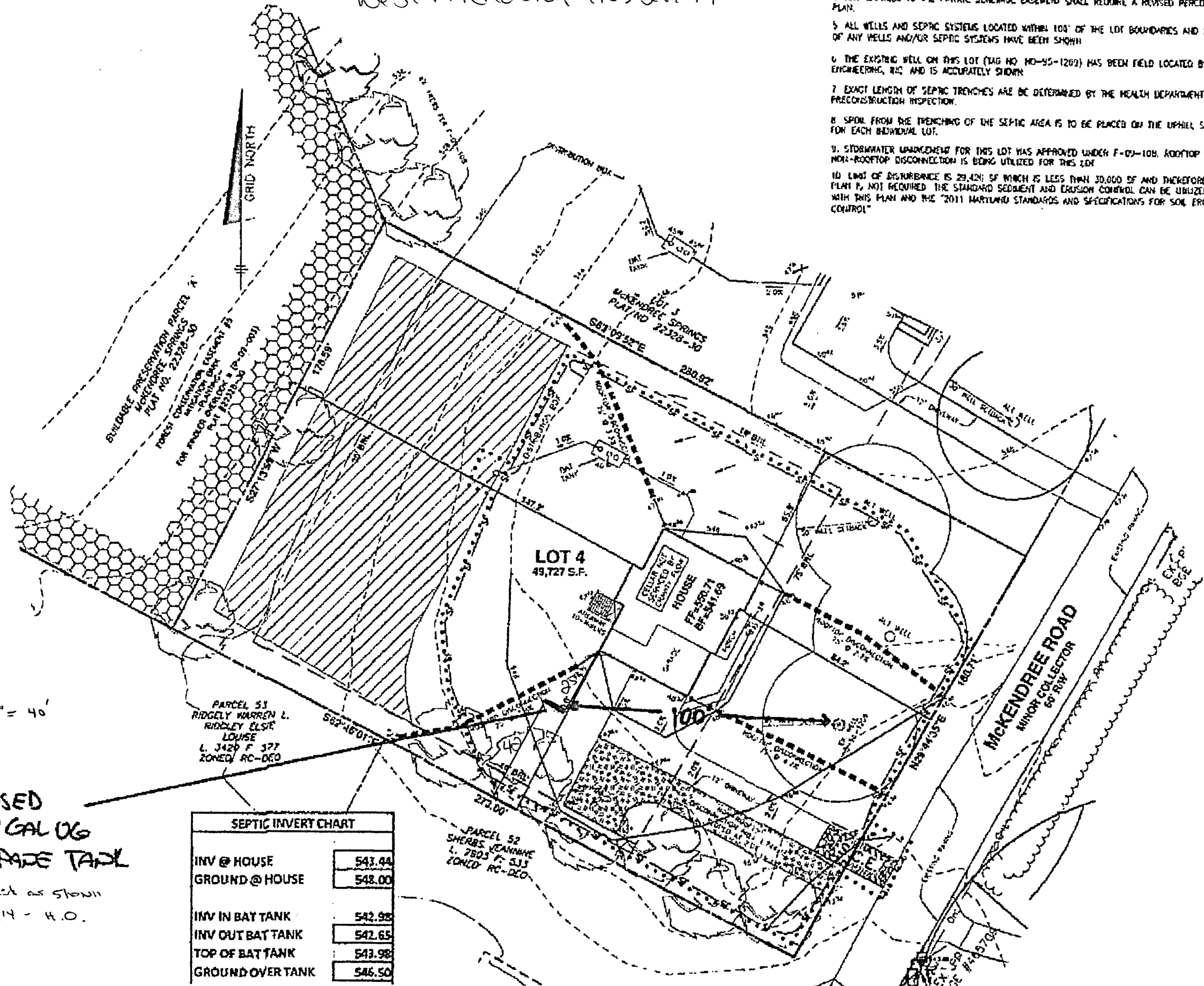
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO 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.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO THE PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE LOT BOUNDARIES AND 300' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- THE EXISTING WELL ON THIS LOT (TAG NO. MD-95-1203) HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
- EXACT LENGTHS OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- STORMWATER MANAGEMENT FOR THIS LOT HAS APPROVED UNDER F-03-108. ROOFTOP AND NON-ROOFTOP DISCONNECTION IS BEING UTILIZED FOR THIS LOT.
- LIMIT OF DISTURBANCE IS 29,428 SF WHICH IS LESS THAN 30,000 SF AND THEREFORE A CUSTOM GRADING PLAN IS NOT REQUIRED. THE STANDARD SEDIMENT AND EROSION CONTROL CAN BE UTILIZED AND SHALL COMPLY WITH THIS PLAN AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.



VICINITY MAP  
SCALE: 1" = 2000'

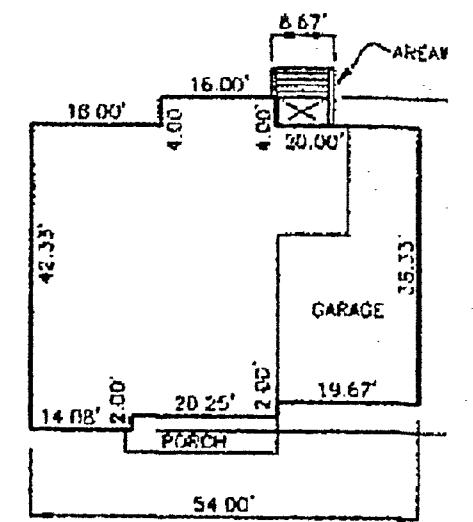
LEGEND

- EXISTING CONTOURS
- BOUNDARY
- SEWAGE DISPOSAL AREA
- NON-ROOFTOP DISC AREA (FILTER STRIP)
- ROOFTOP DISCONNECT (FILTER STRIP)
- ROOF DOWNSPOUTS
- BUILDING RESTRICTED
- FOREST CONSERVATION EASEMENT
- LIMIT OF DISTURBANCE (29,428 SF)
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE



Scale 1" = 40'  
PROPOSED  
1000 GAL UG  
PROPANE TANK  
Approved as shown  
8/26/14 - H.O.

SEPTIC INVERT CHART	
INV @ HOUSE	543.44
GROUND @ HOUSE	548.00
INV IN BAT TANK	542.98
INV OUT BAT TANK	542.65
TOP OF BAT TANK	543.98
GROUND OVER TANK	546.50



HOUSE FOOTPRINT  
SCALE: 1" = 20'

MCKENDREE ODD INCH