

**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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 10/20/15 **ONSITE SEWAGE DISPOSAL SYSTEM** P 551420

INSTALLATION APPROVAL DATE: 12/2/2015 **PERMIT** A \_\_\_\_\_

**CONSTRUCTION- BRF UPGRADE**

PROPERTY ADDRESS: 12440 Fredrick Road

SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ TAX ID: 03-290808

CONTRACTOR: Hatfields Equipment EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 20701 PHONE: 301-490-4289

PROPERTY OWNER: Mohammed Mufti EMAIL: \_\_\_\_\_

OWNER ADDRESS: 12440 Frederick Road, West Friendship, MD 21794 PHONE: 443-604-3127

BAT UNIT MODEL: Norweco PUMP SIZE: \_\_\_\_\_ PUMP TANK CAPACITY: 600GPD

DISTRIBUTION SYSTEM: GRAVITY  LOW PRESSURE DOSED  NUMBER OF BEDROOMS: 4

TRENCHES:	LINEAR FEET REQUIRED: <u>125</u>	INLET DEPTH: <u>3 4.5'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</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: Dana Bernard ISSUE DATE: 10/20/15 EXPIRATION DATE: 10/20/16

- 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 DOWNGRAIENT 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
- 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

12/2/2015-

Pump and alarm working. System approved functionally. Told Hatfields about possible property line issue. (BB)

See As-Built Drawing On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4.5'	8'
NUMBER OF TRENCHES	3'	
TOTAL LENGTH	133'	
ABSORPTION AREA	399 + Sidewalk	
DISTRIBUTION BOX LEVEL	Yes	
DISTRIBUTION BOX BAFFLE	Elbow	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Norweco
CAPACITY	1300 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-3'
BAFFLES	No
BAFFLE FILTER	No
MANHOLE LOC	Front/Middle/Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	N/A
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2-2.5'
BAFFLES	No
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Dry

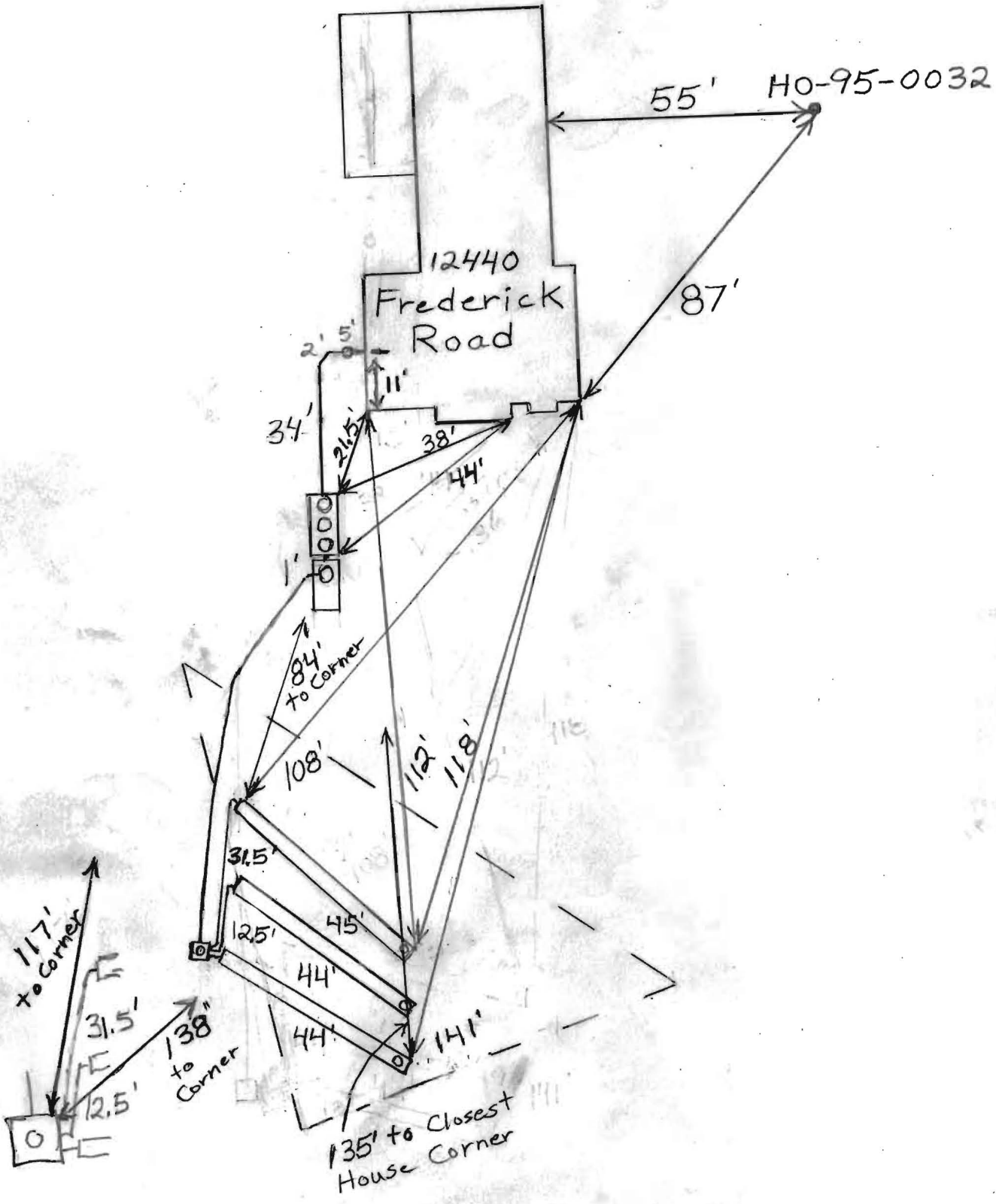
PRE-CONSTRUCTION:

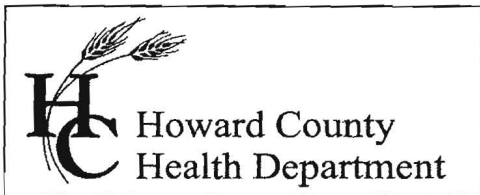
11/4/2015 House connection coming out below footer. Tank locations changed because they would now be too deep at original proposed location. Trench locations changed because they can't be installed per plan. Three parallel trenches crammed in above repair area. BAT unit changed from septitech to Norweco unit. (BB)

INSTALLATION:

11/12/2015 Tanks set. House connection made. Working on trenches. (BB) 11/13/2015 System installed. Need Pump and alarm test. Need BAT approval from Norweco rep. (BB) 11/23/2015 Received BAT approval from Norweco. Still need pump and alarm test. (BB) 11/24/2015 Rechecked dist. box and trench locations. Original measurements were correct. Dist. box and top trench partially on

FINAL INSPECTOR B. Baker DATE OF APPROVAL 12/2/2015 neighbor's property? Everything was installed per septic easement stake locations. Easement staked correctly?





Bureau of Environmental Health  
7178 Columbia 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

Peter L. Beilenson, M.D., M.P.H., Health Officer

April 28, 2008

Mohammed I. Mufti  
1711 Chesterton Road  
Baltimore, MD 21794

RE: **Variance Approval**  
12440 Frederick Road  
West Friendship, MD 21794

Dear Sir:

The Department of Health has received your variance request received April 19, 2008 for the above referenced property. This agency will grant **approval** of the variance to waive the required Percolation Certification Plan as required by the *Howard County Code, Subtitle 8, Section 3.805*. The variance has been approved on the basis that the proposed garage without plumbing does not increase the wastewater flow from the single family residence and does not impact on-site sewage disposal area because it is in the area of the existing carport.

Be advised that any future addition may require percolation testing and a Percolation Certification Plan will be required. Any deviations from the site plan submitted with the request will be subject to further review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S.  
Assistant Director  
Bureau of Environmental Health

cc: File

Howard County Health Department  
Columbia, Maryland

Fax: 410-313-2648

Attn: Ms. Sarah Sappington  
Environmental Sanitarian

Ref: Septic Variance  
12440 Frederick Road (Rt. 144)  
West Friendship, MD 21794

Dear Ms. Sappington,

I am enclosing my existing carport to convert into a garage. Existing carport is attached to the house and is a permanent structure.

My house is on septic and well and enclosing the carport would not create any additional living space. I am requesting a variance from Environmental Health Department for any upgrade to existing septic system. Attached please find a site plan indicating the building and the property information. Thank you very much.

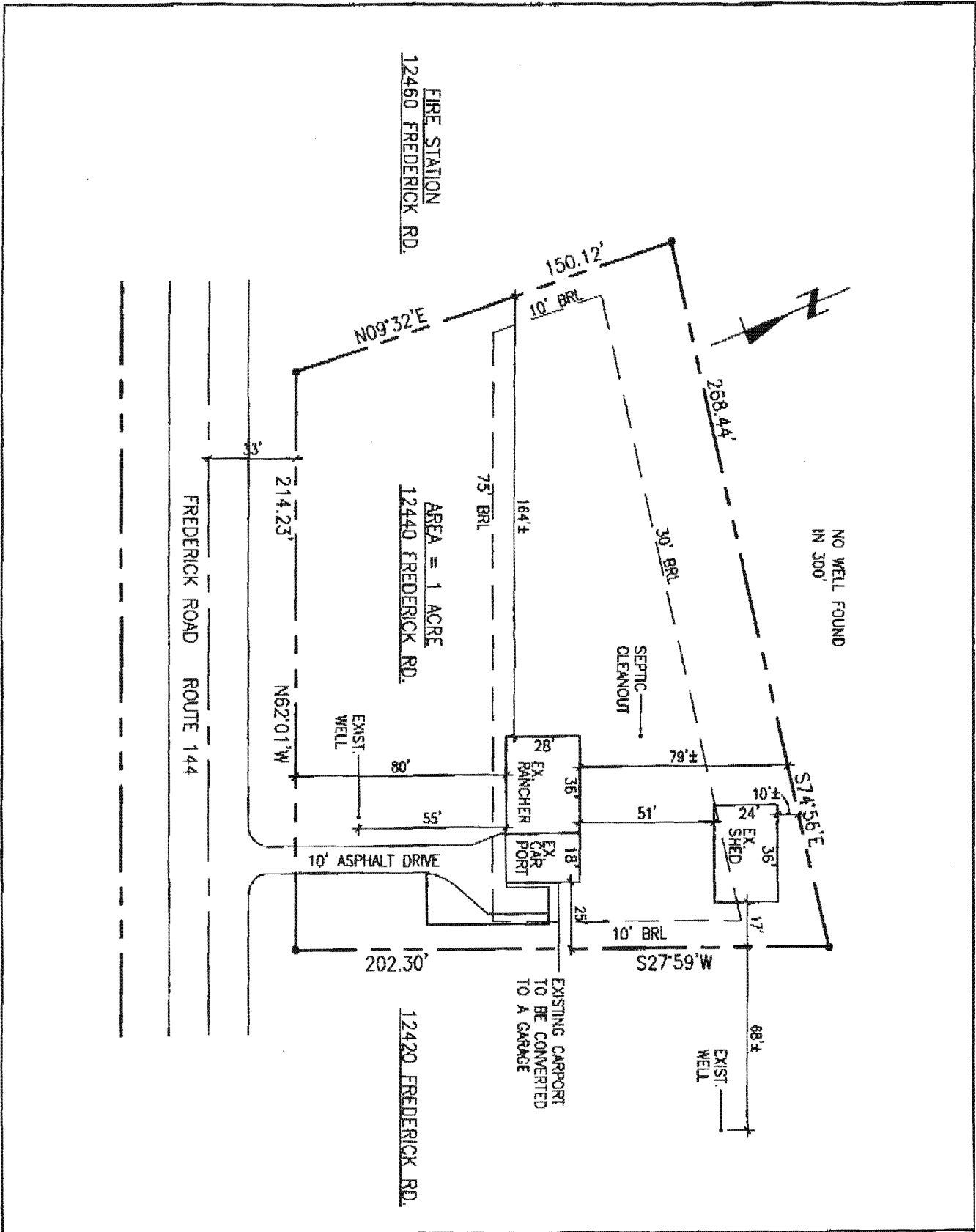
I am buying this property and my closing is today 4/21/2008. Previous owner's name is Mathis Mary Janette.



Sincerely,

Mohammed I. Mufti  
1711 Chesterton Road,  
Baltimore, MD 21244

Phone: 443-604-3127  
Fax: 410-298-2865



12440 FREDERICK ROAD, WEST FRIENDSHIP MD	SCALE: 1"=50'
	DATE: 4/12/08
	SHEET NO: C-1
TITLE:	<b>SITE PLAN</b>

12440 Frederick Rd.

Clerk of the Circuit Court for  
Howard County  
Land Records/Licensing

West  
Friendship

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

21794

=====  
LR - Agreement Recording Fee  
20.00 20.00

Grantor/Grantee Name: Mufti  
Reference/Control #: 160

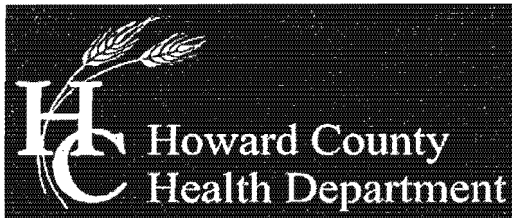
LR - Agreement Surcharge  
1x 40.00 40.00

=====  
SubTotal: 60.00  
Total: 60.00

=====  
REV-Check-BOA 60.00  
Number : 5409

08/07/2015 15:41 CC13-CH  
#4660068 /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

AGREEMENT AND EASEMENT FOR INSTALLATION  
OF BEST AVAILABLE TECHNOLOGY SYSTEMS  
WITH BAY RESTORATION FUNDS.

THIS AGREEMENT is made this 7 day of AUGUST, 15, among MOHAMMED & FARHANA MUFTI hereinafter referred to as "Owner," the Howard County Health Department hereinafter collectively referred to as the "County," and the Department of the Environment, hereinafter referred to as the "Department."

WHEREAS, Owner owns a tract of land located on 12440 FREDERICK ROAD, in the Election District of Howard County, Maryland, and the deed to same is recorded among the Land Records of Howard County, Maryland, in Columbia and in Liber 4587 Folio 372.

WHEREAS, the Bay Restoration Fund (BRF) may provide a grant for the cost attributable to upgrading an onsite sewage disposal system to the Best Available Technology (BAT) for the removal of nitrogen.

WHEREAS, the BRF may also provide a grant for the cost difference between a traditional onsite sewage disposal system and a system that utilizes the BAT for the removal of nitrogen.

WHEREAS, Owner understands that participation in the Bay Restoration Fund is voluntary.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the Department and the County the right to enter upon the property at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data requested and needed by the Department to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that a MDE certified and manufacturer-approved installer will install the BAT system.
- C. Owner acknowledges and agrees the manufacturer or manufacturer's authorized service provider will provide for Operation and Maintenance of the BAT for a period of 5 years as a condition of sale of the BAT. After the initial 5 year period an Operation and Maintenance contract with a certified service provider must be maintained in perpetuity by the property owner.
- D. Owner acknowledges and agrees that the manufacturer appointed Operation and Maintenance provider will have access to the BAT system at all times.
- E. Owner acknowledges and agrees that the manufacturer or manufacturer's authorized service provider will have access to sample the effluent of the BAT system. Owner acknowledges and agrees that the proposed installation of a BAT system funded by the BRF is voluntary. Owner agrees that there shall be no liability on the part of the County or Department to Owner if this BAT system fails, and that the County and the Department do not warrant or guarantee that the BAT system will adequately or properly function.
- F. Owner acknowledges and agrees that neither the County nor the Department nor any of its

agents or employees, either officially or individually, underwrites the operation of any system approved by them.

- G. The Owner will devote such care and effort to the maintenance of the BAT system so that any malfunction is not the result of poor maintenance, faulty operation, or neglect.
- H. The Canaan Valley Institute agrees to grant up to \$ 13,165 toward the cost of installation of the BAT system, and financial responsibility is limited to this amount. Operating costs will be at the Owners expense.
- I. The Owner acknowledges that the BRF grant can only be used for that portion of the OSDS attributable to (BAT) for the removal of nitrogen.
- J. Owner acknowledges in the event the total project cost is greater than \$25,000 the proposal will have to be approved by the Maryland State Board of Public Works.
- K. The Owner agrees to contact both the Water Management Administration, On-Site Systems Division of the Wastewater Permits Program and the County at least forty-eight (48) hours prior to system installation, so that the Department has the opportunity to be present at the time of installation or thereafter for inspection.
- L. The Owner must install BAT system according to the manufacturer recommended plans and specifications approved by the Department.
- M. The Owner agrees and acknowledges that if installation deviates substantially from the approved plans or changes such that performance of the system is compromised or reduced, BRF funding will not be provided.
- N. This agreement shall run with the land and binds the Owner, his heirs, successors, assigns. Owner further agrees that he shall inform in writing any purchaser or lessee of the property that the system may require maintenance or other attention. The Owner agrees to record this agreement in the land records of Howard County.
- O. This agreement shall not be construed to limit any authority of the Department to protect the public health, safety or comfort or to issue any other orders to take any other action that is now or may hereafter be within its authority.
- P. This agreement may be voided at the discretion of the Department if the system construction is not completed within six (6) months of the effective date of this agreement.
- Q. This agreement contains the entire agreement and understanding between the County and the Owner and the Department. 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.
- R. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

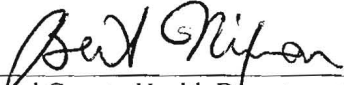
IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

DATE: 8/7/15

Owner

 Farhan Muftic

DATE: 8/7/15

  
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 Singlair TNT 600 GPD Septic Tank installed at 12440 Frederick Rd., West Friendship, MD 21794 November 11, 2015 was installed according to the manufacture's specifications.

Installer: Jeff Reiter

Property Owner: Mohammed & Farhana Mufti

Permit #



---

MATTHEW GECKLE

Vice-President

# Back River Pre-Cast, LLC.

P.O. Box 329 - Glyndon, Maryland 21071  
 Phone: (410)-833-3394 Fax: (410)-833-4116  
 E-MAIL: backriver@gmx.com

## NORWECO BAT SEPTIC PROPOSAL

Homeowner: Mohammad & Farhana Mufti	Installer: Hatfield's Equipment, Inc.
County: Howard	Permit No.
Street address: 12440 Frederick Rd.	Street address: PO BOX 519
City, State, & Zip Code: West Friendship, MD 21794	City, State, & Zip Code: Annapolis Junction, MD 20701
Site Address if different:	Contact: Ken Hatfield
Phone:                      Cell:	Phone:                      Fax: 301-490-4289
Fax:	E-mail:

We hereby submit specifications and estimate for the following:

MDE Pre-Central Region

**HOMEOWNER REQUIREMENTS:**

- Completing and Recordation of Easement Form, and filing with County;
- Filing all completed paperwork necessary for reimbursement to Back River Pre-Cast, LLC.
- Note: County permits and easement recordation must be complete before any installation to occur.**
- Homeowner agrees to be personally liable to Back River Pre-Cast, LLC. for total amount due, if applicable.**

**INSTALLER TO PREFORM:**

- A site visit to evaluate scope and feasibility, Installation Permits, and Miss Utility Notificatio
- Safe Abandonment of existing septic tank if needed, Electrical supply to Norweco System
- Installation and Connection of Norweco System according to Installation Instructions
- Coordinating inspection and obtaining final approval from local health department and Norweco representative.
- Final grading, seeding and straw, with one additional site visit as needed to address any settling that may occur.

**BACK RIVER PRE-CAST, LLC., RESPONSIBLE FOR:**

- Supply Norweco Singular TNT Treatment System-600 GPD and 18" of risers for aerator and filter chambers
- Delivery and setting of unit
- Operation, Maintenance & Warranty service for 5 years from the date of installation
- Final payment to installation Contractor

Tax included, were applicable

**TOTAL PRICE: \$10,794.00**

**Note:** No work will be scheduled until easement is recorded and permits have been issued.

Back River Pre-Cast, LLC., and it's installers will exercise caution while excavating, but can not be responsible for any underground utilities which are not marked by Miss Utility. Private utilities to outbuilding, landscape lighting and sprinkler system: locations are the homeowners responsibility to mark. Sidewalks and driveways will be avoided and protected when possible, but Back River Pre-Cast, LLC. is not responsible for damage due to equipment required for installation. All work is considered completed when accepted by appropriate county inspection agency.

Authorized Signature: County Health Dept. Representative	Authorized Signature: Back River Pre-Cast, LLC <i>mm c c c c k</i> 8-10-15
---	---

Acceptance of Proposal

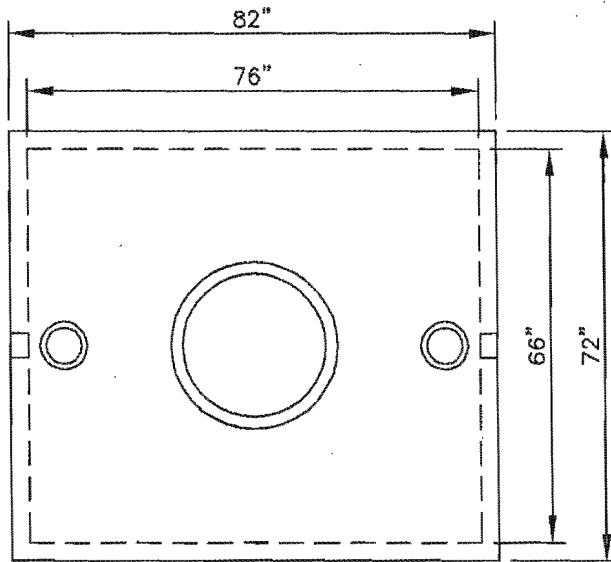
The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Accepted: *[Signature]* 9/16/15, *[Signature]* 8/10/15  
 Homeowner Signature, Installer Signature, Date

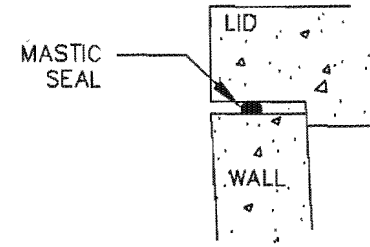
UNLIMITED MWFC  
 12440 FREDERICK RD  
 WEST FRIENDSHIP, MD  
 21794

SPECIFICATIONS

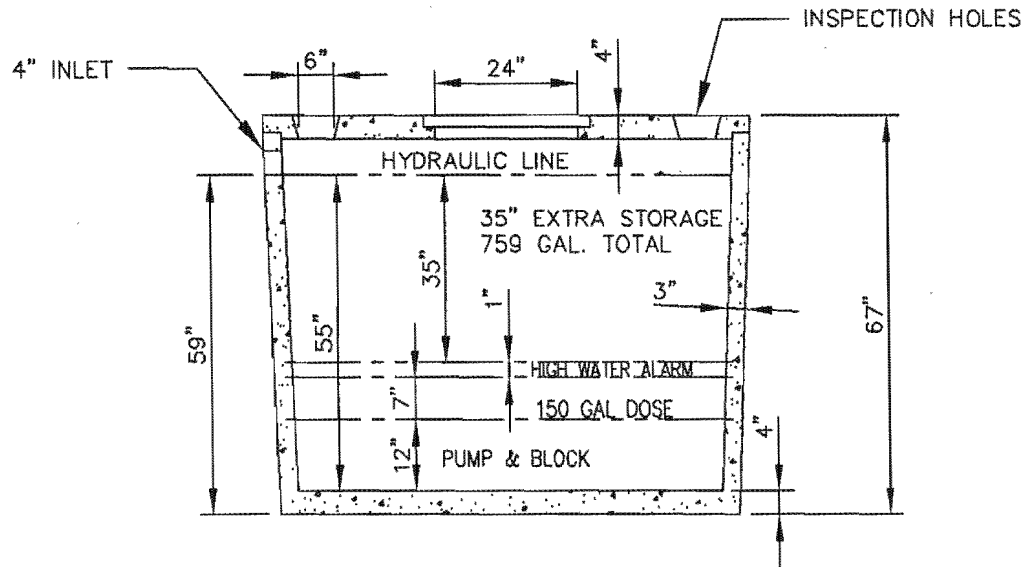
CONCRETE 5000PSI @ 28 DAYS  
 BOTTOM AND SIDES ARE REINFORCED WITH 6X6X10 GA. WWF  
 TOP SLAB IS #4 BAR GRADE 60, 12" c/c/ E.W.  
 4" POLYLOK III PRESSURE RATED RUBBER SEALS PROVIDED.



PLAN VIEW



SEAL DETAIL



SECTION VIEW

△			
△			
NO.	REVISION	BY:	DATE:
<b>BACK RIVER PRE-CAST, LLC.</b> PRECAST CONCRETE MANUFACTURER P.O. BOX 329 * GLYNDON, MD 21071-0329 PHONE: (410)833-3394 * FAX: (410)833-4116 EMAIL: BACKRIVER@GCMX.COM			
CONTRACTOR:		---	
PROJECT:		---	
JOB LOCATION:		HOWARD CO, MD	FILE NAME:
TITLE:		1,000 GAL. PUMP TANK	DRWN BY: SD SH# 1 OF 1
		DATE:	6/2/14
		PLOT DATE:	6/2/14





# CANAAN VALLEY INSTITUTE

July 31, 2015

Mohammed & Farhana Mufti  
12440 Frederick Road  
West Friendship, MD 21794

RE: FY 2016 Howard County Bay Restoration Fund OSDS Upgrade Program

Dear Mr. and Mrs. Mufti:

Thank you for your application to participate in the Howard County Bay Restoration Fund OSDS Upgrade Program. The Howard County Health Department has verified that your existing septic system is failing and in need of repair. Based on your 2014 income tax return form, you are eligible to receive funding to cover **100%** of the cost to upgrade your system to one of the MDE approved BAT units listed below. The approved price includes the cost of the unit, installation of the unit, and 5 years of operation and maintenance. The price does not include the cost of permits.

<u>System</u>	<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
Orenco (Advantex AX20)	Atlantic Solutions	Robert Johnson	877-214-9283
HOOT 600 BNR	Mayer Bros, Inc	Nancy Mayer	410-796-1434
Norweco Singulair TNT	Back River Precast LLC	Matthew Geckle	410-833-3394
SeptiTech	Maryland Concrete, Inc	Rodney Glace	443-491-3598

In order to receive your OSDS upgrade, **you MUST follow these steps:**

1. **Sign this letter** on the bottom of page 2 **and return it** in the envelope provided within **2 weeks of the date of this letter.**
2. File a septic repair permit application with the Howard County Health Department **within 2 weeks of the date of this letter.** The permit application fee is \$396.00 (\$165 for tank approval only).
3. Obtain the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration Funds from the Howard County Health Department; have it signed by a Howard County Health Department Bureau Director or Designee. Then take it to the Circuit Court and have it recorded in Land Records **within 2 weeks of the date of this letter.**
4. Prepare your property and schedule installation of the system. The system must be installed **within 6 weeks of the date the Agreement and Easement is recorded.**

494 RiverStone Road | Davis, WV 26260  
Phone: (304) 259.4739 or (800) 922.3601 | Fax: (304) 259.4759  
[www.canaanvi.org](http://www.canaanvi.org)



Office of the Health Officer  
8930 Stanford Blvd., Columbia, MD 21045  
Main: 410-313-6300 | Fax: 410-313-6303  
TDD 410-313-2323 | Toll Free 1-866-313-6300  
[www.hchealth.org](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)  
Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

---

TO: Mufti and Associates, Inc.  
C/O Rizwan Siddiqi  
Via e-mail: [rasiddiqi@gmail.com](mailto:rasiddiqi@gmail.com)

FROM: Dana Bernard, REHS/L.E.H.S.  
Well and Septic Program

RE: 12440 Frederick Road  
West Friendship, Maryland 21794  
Percolation Certification Plan

DATE: July 11, 2014

---

The following comments apply to the plan prepared by Mufti and Associates, Inc. and are advised to revise and resubmit.

- ✚ The septic area must only include the percolation holes. The original proposed area cannot be used because of the two failing percolation holes. Label all percolation holes correctly. Please show the failing holes to show where the cutoff point is located for your septic easement. You are not required to have 10,000 square feet because the property is a lot of record; however you must show an initial system and 2 replacements.
- ✚ Dry well and existing trenches should be labeled and must state "To Be Abandoned".
- ✚ Trench calculation should be shown on plan. I will include the septic spec worksheet to help you with completing the calculations. All trenches shown on the plan must be of equal length.
- ✚ Show the location of the existing well and show 2 alternate well locations.
- ✚ BAT notes should not be on the proposed percolation plan. The BAT Plan must be separate from the Percolation Certification Plan.
- ✚ The percolation certification plan and your BAT plan must have signature boxes and an engineering seal. The signature box should state, "Approved for Private Water and Private Sewage Systems". Your BAT plan must have a title box, signature box and an engineer's certification box.

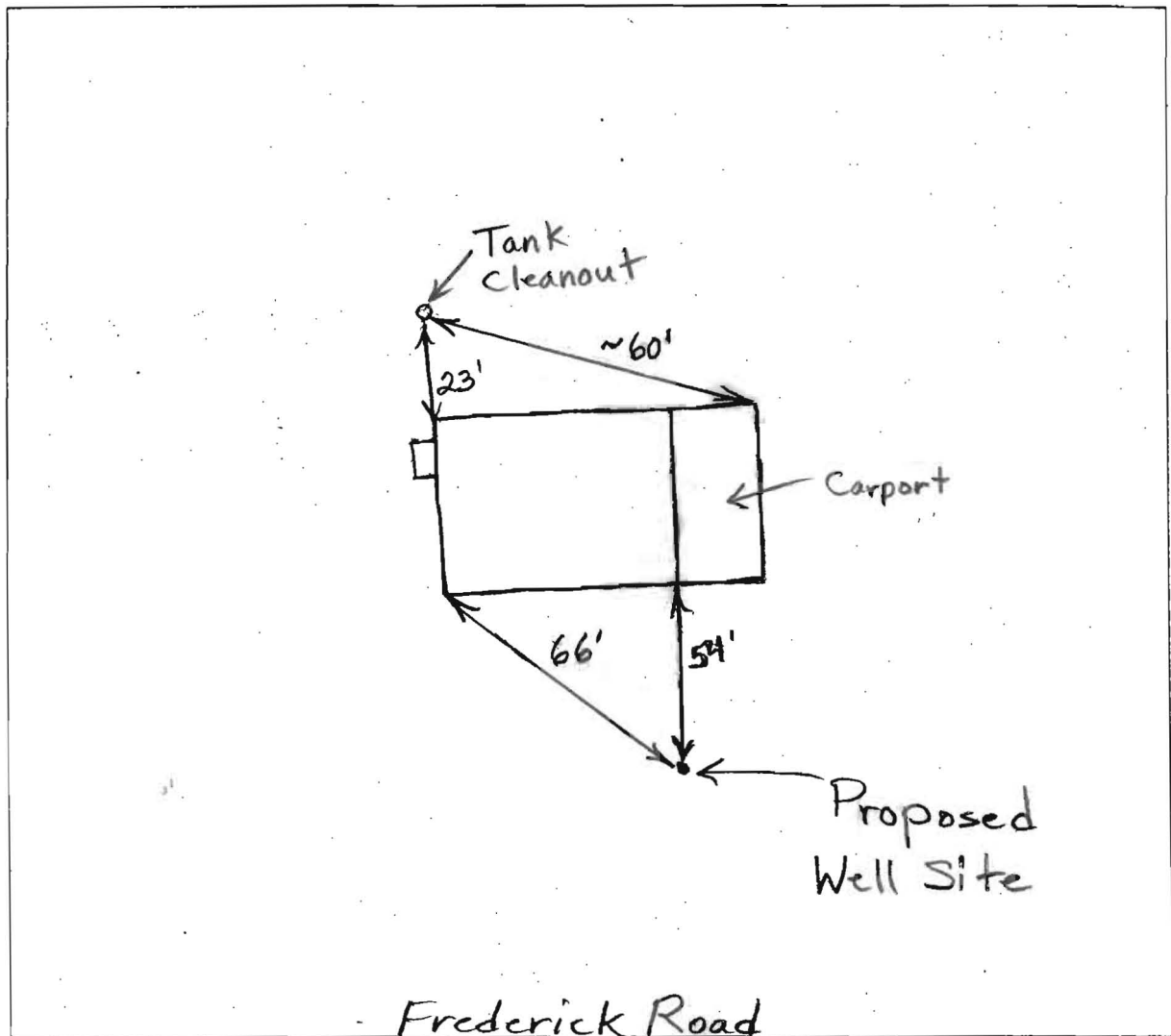
In the general notes line 5 on your percolation certification plan, it states that you will be using this percolation certification plan for your anticipated building application. Therefore, in addition, you must submit **floor plans** for the **existing house** and the **proposed addition**, so the septic system can be properly sized for your anticipated project.

paid #160  
05 225 24  
6/8/05

SITE INSPECTION SHEET

OWNER: Mathis PHONE #: \_\_\_\_\_  
ADDRESS: 12440 Frederick Rd. CONTRACTOR: \_\_\_\_\_  
WELL TAG #: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: \_\_\_\_\_  
PROPOSAL: \_\_\_\_\_

LOCATION DIAGRAM

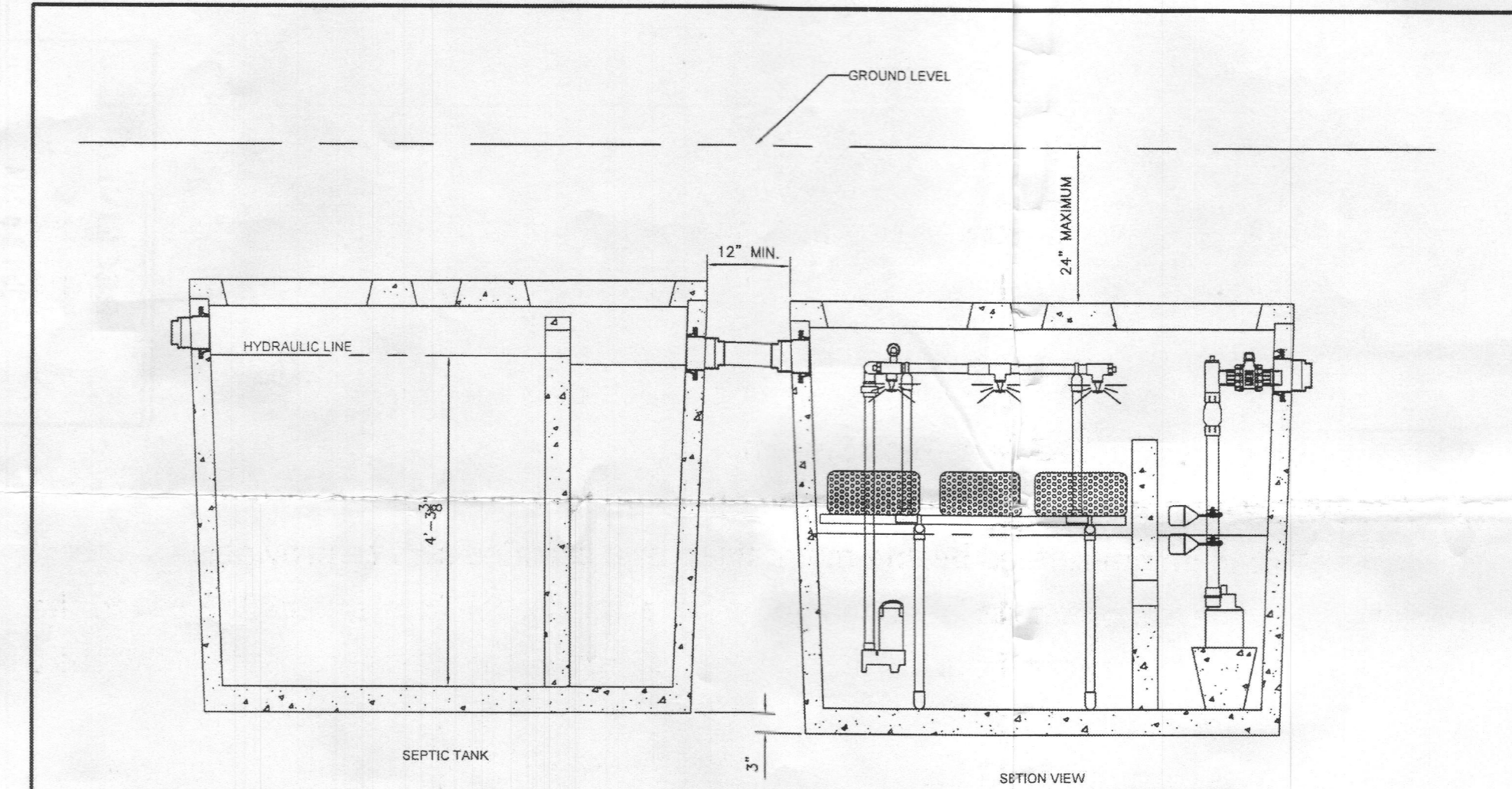


COMMENTS: Ms. Mathis wishes to have a well drilled. She has used well on neighbor's property as water supply until now. Neighbor is selling house and moving.

DATE: 6/7/2005 INSPECTOR: B. Babu

**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 2 feet.
3. No Blowers are used in Sept-Tech System.
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

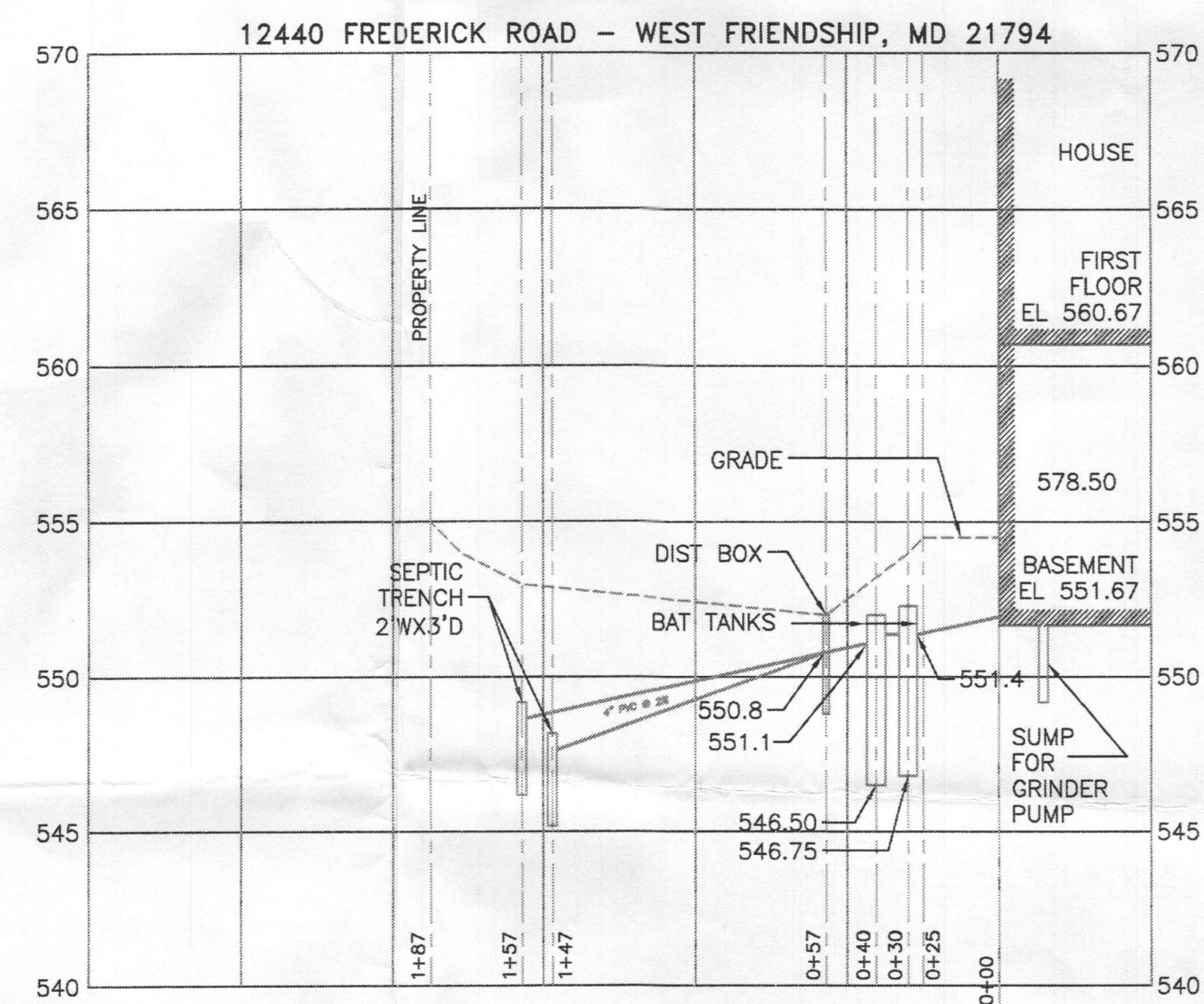


- GENERAL NOTES
- SeptiTech M400 with 1000 gallon septic tank is acceptable for house sizes from 3-4 bedrooms. For 5 bedroom houses a 1500 gallon septic tank is required.
- Tank(s) shall not be installed at a depth greater than 24-inches. Tank installations requiring a depth greater than 24-inches from top of tank to finished grade need prior approval. Additional cost may apply.
- Water Testing: If necessary, contractor is responsible for water testing the concrete tank(s) once the tank(s) installation has been completed and allowed to set overnight.
- Water testing shall be conducted in accordance with ASTM C1227 9.2.
- Exterior Piping: Contractor is responsible for supplying and installing all exterior piping per SeptiTech installation drawings.
- Air Intake Piping: Air intake snorkel shall be installed within 100 feet of the processor tank. Air intake piping shall be installed such that a positive pitch is provided back towards the processor tank.
- Electrical: All electrical work is the responsibility of the contractor's licensed electrician and is not provided by SeptiTech System.
- SeptiTech processors can also be built to 3-phase power requirements. If 3-phase is required, please specify type of 3-phase power (208v / 230v).
- Float elevation shown on plans are approximate. The SeptiTech Processor high and low water elevations are a function of the tank working volume and such final elevation of floats will be determined by SeptiTech during Start-Up Services.

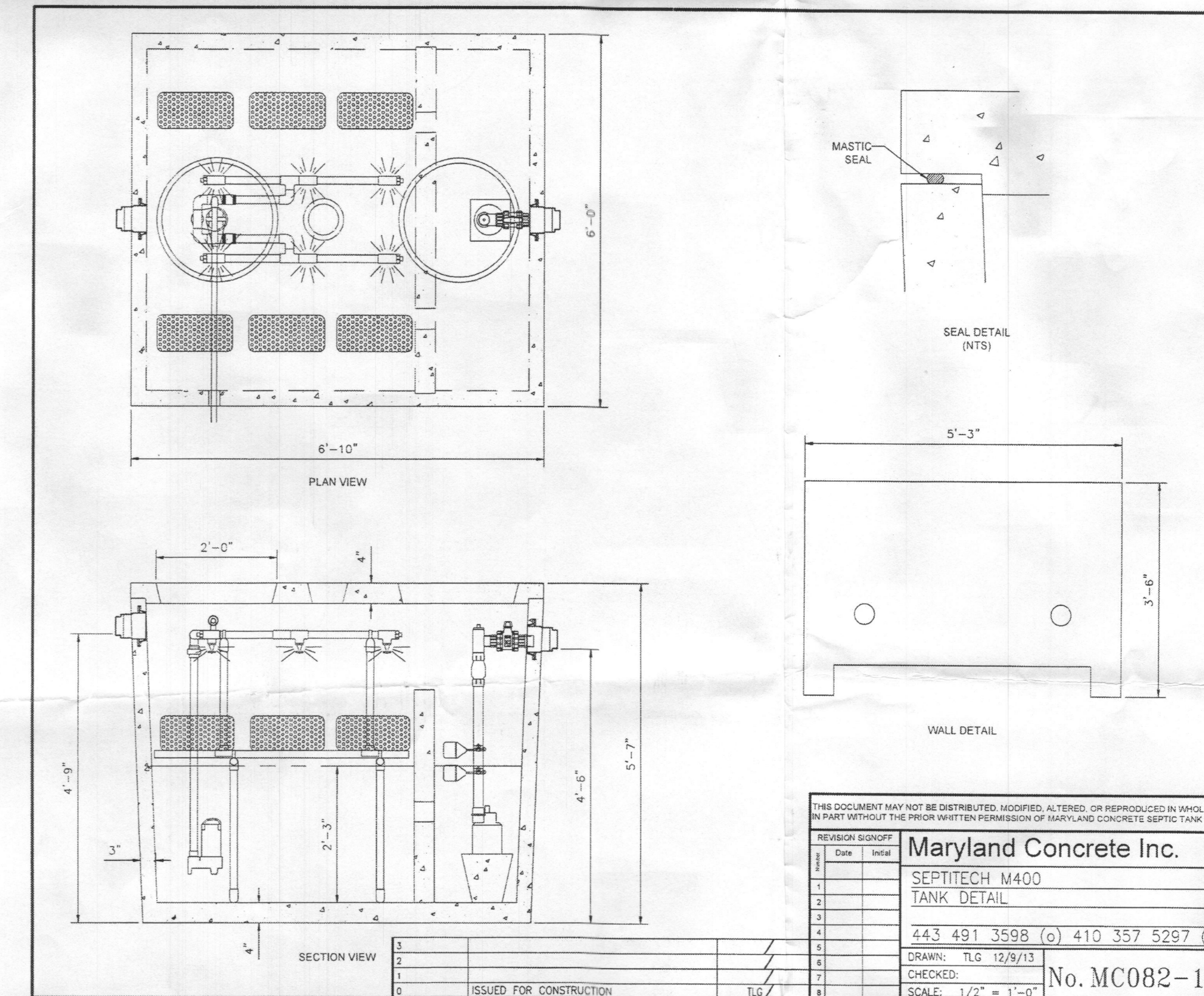
THIS DOCUMENT MAY NOT BE DISTRIBUTED, MODIFIED, ALTERED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN PERMISSION OF MARYLAND CONCRETE SEPTIC TANK INC.

REVISIONS		DATE		BY	
NO.	DESCRIPTION				
1					
2					
3					
4					
5					
6					
7					
8					

Maryland Concrete Inc.  
 SEPTITECH M400  
 SERIES DETAIL  
 443 491 3598 (o) 410 357 5297 (f)  
 DRAWN: TLG 12/9/13  
 CHECKED: TLG  
 SCALE: 1/2" = 1'-0" No. MC082-3



STATION IN FEET  
**SANITARY PROFILE**  
 1" = 50' HORZ.  
 1" = 5' VERT.



THIS DOCUMENT MAY NOT BE DISTRIBUTED, MODIFIED, ALTERED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN PERMISSION OF MARYLAND CONCRETE SEPTIC TANK INC.

REVISIONS		DATE		BY	
NO.	DESCRIPTION				
1					
2					
3					
4					
5					
6					
7					
8					

Maryland Concrete Inc.  
 SEPTITECH M400  
 TANK DETAIL  
 443 491 3598 (o) 410 357 5297 (f)  
 DRAWN: TLG 12/9/13  
 CHECKED: TLG  
 SCALE: 1/2" = 1'-0" No. MC082-1