



**Howard County
Health Department**

Bureau of Environmental Health
8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
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www.hchealth.org
Facebook: www.facebook.com/hocohealth

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

RECEIPT DATE: 8/30/2024 **ONSITE SEWAGE DISPOSAL SYSTEM** P 548590 86797

APPROVAL DATE: 9/13/2024 **PERMIT:** Tank Replacement
Only - Repair A _____

PROPERTY ADDRESS: 2809 Shadow Roll Ct.

SUBDIVISION: Glenwood Springs LOT: 25 TAX ID: 04-346696

CONTRACTOR: Sam's Creek Construction EMAIL: sams.creek@aol.com

CONTRACTOR ADDRESS: 2810 Sams Creek Rd., New Windsor, MD 21776 PHONE: 410-795-5670

PROPERTY OWNER: Tina Monahan EMAIL: _____

OWNER ADDRESS: 10182 CEDAR POND DR., VIENNA VA 22182 PHONE: 443-938-3265

SEPTIC TANK SIZE: 1500 Gallons PUMP SIZE: n/a PUMP TANK CAPACITY: n/a

DISTRIBUTION SYSTEM: GRAVITY LPD BEDROOMS: 5 APPLICATION RATE: N/A

TRENCHES:	LINEAR FEET REQUIRED: <u>N/A</u>	INLET DEPTH: <u>N/A</u>
	TRENCH WIDTH: <u>N/A</u>	MAXIMUM BOTTOM DEPTH: <u>N/A</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>N/A</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>N/A</u>
LOCATION:	PER APPROVED SITE PLAN. TANK LOCATION MUST BE SAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Septic tank is to be installed per plan. The tank is to be installed 18 inches below grade. Pump, crush, and abandon existing septic tank. All risers are to be 6" above grade.	

ISSUED BY: Matthew Burns ISSUE DATE: 9/13/2024 EXPIRATION DATE: 9/13/2025

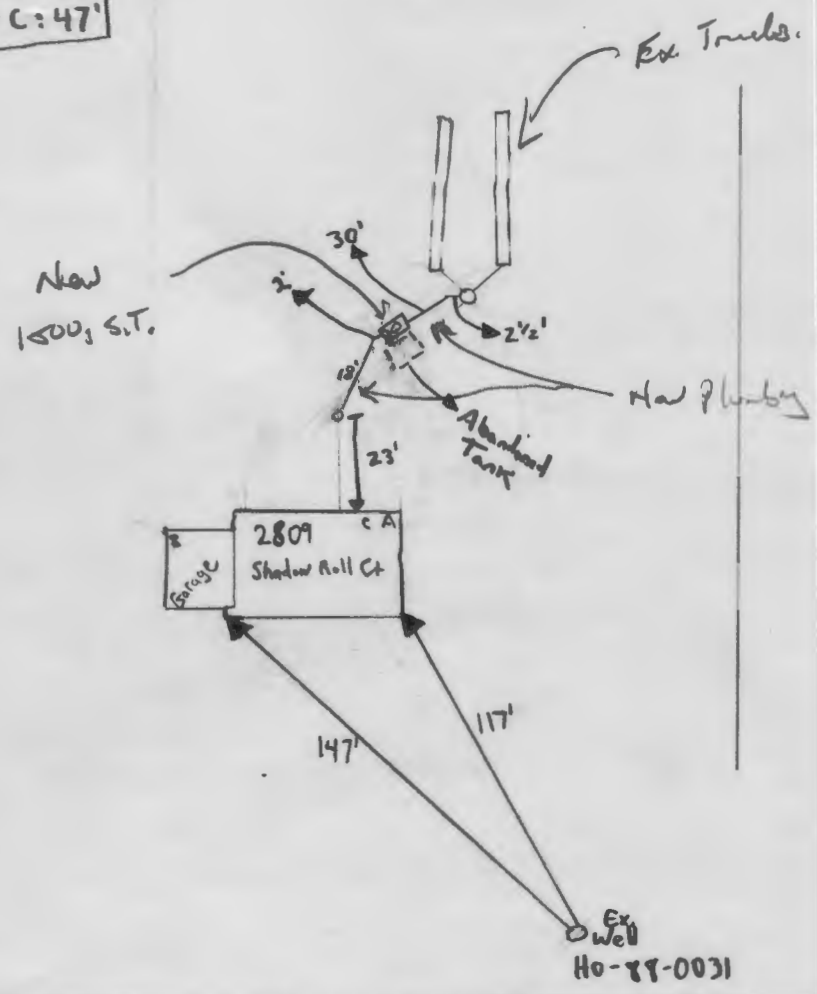
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- 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
 ELECTRICAL PERMIT ISSUED E n/a
- NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- 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.

Measurements
 D-box - A: 72'
 D-box - B: 117'
 Septic Tank - A: 49'
 Septic Tank - C: 47'

NOT TO SCALE 1" = 60'

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES	_____	
TOTAL LENGTH	_____	
ABSORPTION AREA	_____	
DISTRIBUTION BOX LEVEL	_____	
DISTRIBUTION BOX BAFFLE	_____	
DISTRIBUTION BOX PORT	_____	



SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1/2' - 1'
BAFFLES	6" F - 4" B
BAFFLE FILTER	_____
MANHOLE LOC	Front/Back
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	Yes
DATE ON LID	8/16/2024
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	_____

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Joe Wright
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:
9/18/2024 Design plan approved

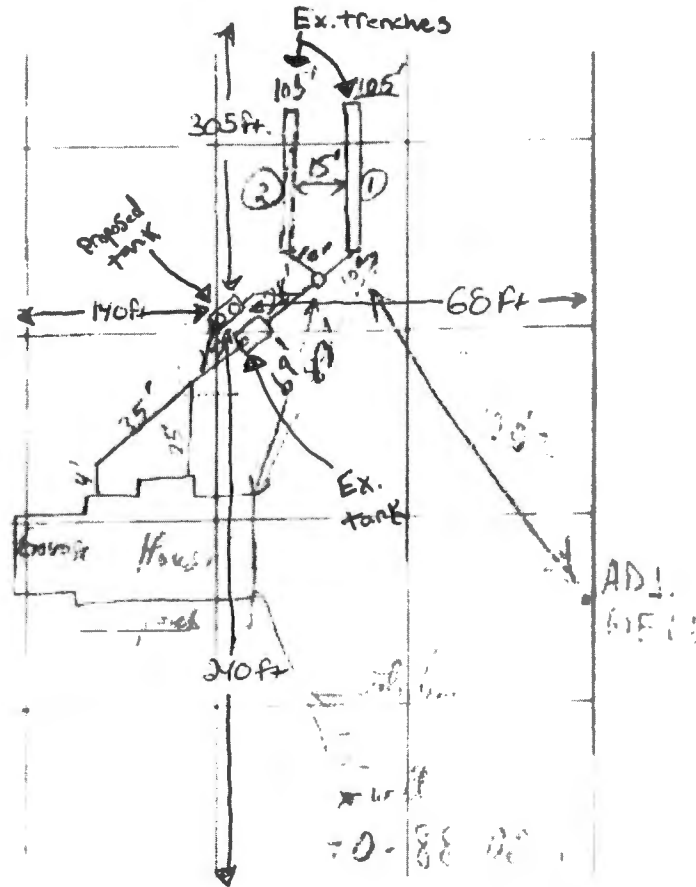
CONTROL PANEL DATA	
CONTROL PANEL HEIGHT	(MIN 30") _____
INSPECTION DATE	_____
INSPECTION: PASS/FAIL (CIRCLE ONE)	_____

INSTALLATION NOTES:
9/19/2024 Installer on site. Tanks placed and leveled. Baffles and risers installed. Installer plans to raise grade above ST tank. Tank is currently only 1/2' - 1' below grade. Old ST has been pumped, crushed, and abandoned. Leveled d-box. Installer added a baffle to d-box. Installer replaced d-box lid. No clean out on the sewer line connection. Installer installed c/o. (MA/SP)

FINAL INSPECTOR Antonia Basso DATE OF APPROVAL 9/19/2024

Sketch of System

- NEW 2 COMPARTMENT 1500 GALLON TOP SEAM SEPTIC TANK; 18 INCHES BELOW GRADE
- PUMP, CRUSH, & ABANDON EXISTING SEPTIC TANK
- ALL RISERS 6" ABOUT GRADE
- ALL WELLS 100FT+ AWAY



TANK MANUFACTURER:
 BABYLON VAULT CO.
 925 WAREFIELD VALLEY RD
 NEW WINDSOR, MD 21776
 410-848-0393

INSTALLER/Plan Preparer:
 SAMS CREEK CONSTRUCTION
 2810 SAMS CREEK RD
 NEW WINDSOR, MD 21776
 443-821-4932

HOMEOWNER:
 TINA MONAHAN
 2809 SHADOW ROLL COURT
 GLENWOOD, MD 21738
 443-938-3265

2809 SHADOW ROLL COURT
 5 BEDROOM HOME

Approved Septic System Plan
 Howard County Health Department

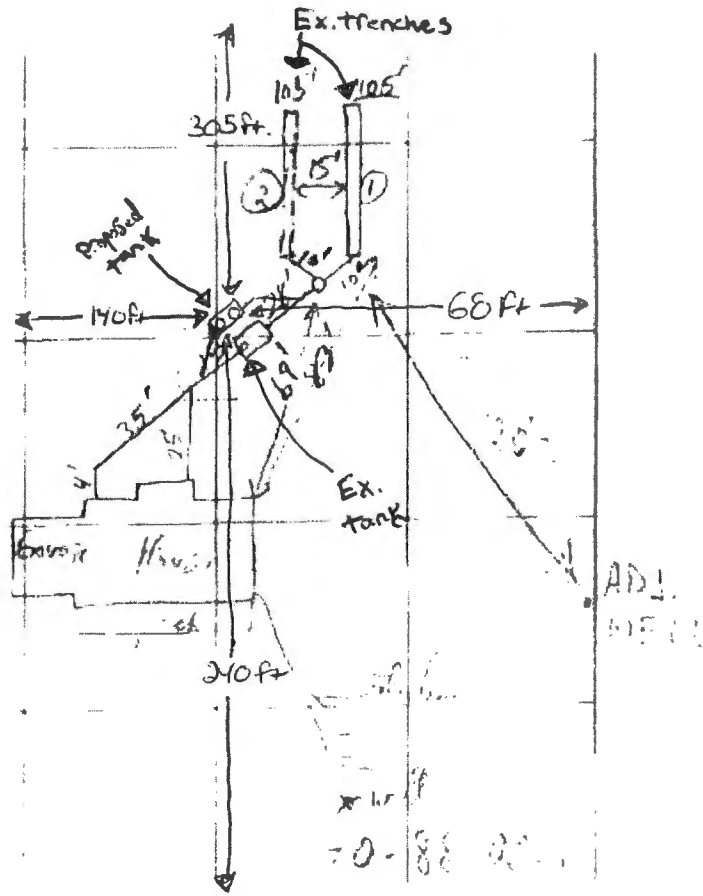
Mattie Bunn
 Signature

9/13/2024
 Date

TANK REPLACEMENT INSTALL PLAN

Sketch of System

- New 2 COMPARTMENT
1500 GALLON
TOP SEAM SEPTIC
TANK; 18 INCHES
BELOW GRADE
- PUMP, CRUSH,
& ABANDON EXISTING
SEPTIC TANK
- ALL PIPES 6"
ABOVE GRADE
- ALL WALLS 100FT+
AWAY



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BABYLON VAULT CO.
925 WAREFIELD VALLEY RD
NEW WINDSOR, MD 21776
410-848-0393

INSTALLER/Plan Preparer:

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2809 SHADOW ROLL COURT
5 Bedroom Home

Approved Septic System Plan
Howard County Health Department

Matthew Burns
Signature

9/13/2024
Date

TANK REPLACEMENT INSTALL PLAN

HOME LAND

ENVIRONMENTAL

p:443-995-5385 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com

Date: August 12, 2024 Name of Evaluator: Mitchel Ruhkamp Time: 11:00 AM Property Address: 2809 Shadow Roll Court Glenwood, MD 21738 Recent Weather Conditions: Fair	Ordered By: Ben Love Buyers: Vinay Sharma Homeowner Interview: The homeowner interview was sent but not received prior to the evaluation.	Occupied: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Length of Time Vacant: >1 Month # of People Living in Home: N/A # of People moving in: 4 Property Age: 1993 System Age: 1993 Last Date of Cleaning: 2024 Recomm'd Pumping Freq: 2-3 Years
Liquid level in tank is: <input type="checkbox"/> Above Normal <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Below Normal	Bottom Solids Depth: 2 Inches	
Depth of tank: 18 Inches	Type of Tank Access: Cleanout	Depth of tank access: At Grade
Maintenance appears: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	# of Bedrooms: 5	Depth to Distribution Box: Unknown
Effluent Filter present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Previous high liquid level: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Distance to well: >100 Feet
Records Search: Records were requested and received from Howard County prior to the evaluation.		
Were there any impermeable surfaces above the septic system (i.e. driveway)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type of Tank	Tank Composition and Size	Type of Absorption System
<input checked="" type="checkbox"/> Septic Tank (1 tank) <input type="checkbox"/> Aeration System <input type="checkbox"/> Other:	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Plastic Tank Size: 1,500 gallons	<input checked="" type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound <input type="checkbox"/> Drywell (Number of:) <input type="checkbox"/> Cesspool <input type="checkbox"/> Unknown: _____
System Component	Condition	Comments
Septic Tank	<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation	The septic tank is composed of concrete and per county records is 1500 gallons in total capacity. The septic tank is 18 inches below grade and is accessible via a PVC cleanout at grade. A wooden box acts as the lid for the cleanout. A watertight lid will need to be fitted to the cleanout to prevent stormwater intrusion. The front baffle is in place and is composed of concrete. The back baffle is broken. The back baffle needs to be replaced by a licensed septic contractor. The back lid was excavated for the camera inspection. Upon excavation the back lid appeared to be sealed shut. Currently, there are 2 inches of solids and foreign objects in the septic tank. Upon arrival for inspection the liquid level in the septic tank was below the normal operating level indicating the tank was either pumped and the house vacated or is leaking. The septic tank was returned to normal operating level. The liquid level in the septic tank will need to be checked at least 24 hours after the initial inspection to determine if the septic tank is leaking. No work should be done to the system before determining if the septic tank is leaking. Please refer to page 2 and the camera septic report for further information.
Absorption System	<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation	Two drainfields were located during inspection. The drainfields were probed and found to be dry within 2 inches of the top of the stone and within 48 inches below grade. Due to a low liquid level in the septic tank a hydraulic load test could not be conducted. Once the status of the septic tank is determined a hydraulic load test will need to be conducted to determine the status of the absorption system. A rodent hole was observed over one of the drainfields. The rodent hole will need to be backfilled to prevent damage to the system.

HOME LAND

ENVIRONMENTAL

p:443-995-5385 | f:443-267-0098 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com



Picture 1:

This shows the septic tank in relation to the house.



Picture 2:

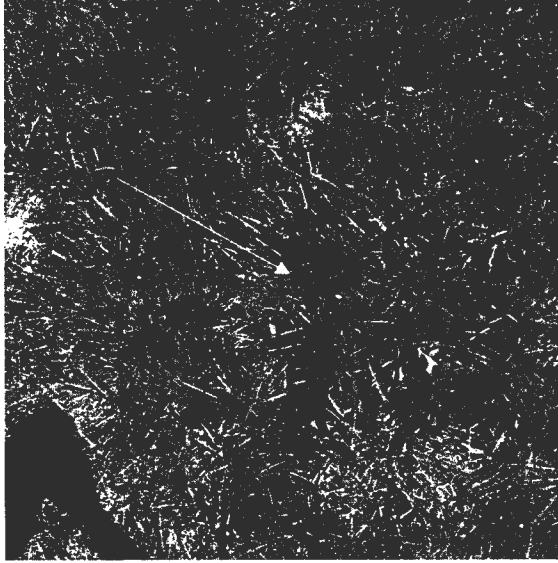
This shows the low liquid level in the septic tank upon arrival for inspection and the foreign objects.

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Picture 3:

This shows the rodent hole over the drainfield.

No Picture.

Picture 4:

Space intentionally left blank.



HOWARD COUNTY HEALTH DEPARTMENT

867

CODES

DATE

8/30/24

P5

CASH
 CHECK

Received From

Sams Creek Construction

For

Bank Replacement - 2809 Shadow Roll Ct.

NO.

2948

Two hundred Eighty Eight - 04/100 Dollars

\$ 288

00

Received By

Alberta Jaye