



HOWARD COUNTY HEALTH DEPARTMENT

64704

DATE
12 / 26 / 18

Received
From

Marc D Hereth Contractor

PHONE #

301-5805177

For

Septic Pump & Repair

561 Route 32

CASH

CHECK

NO.

1277

Three Hundred Thirty

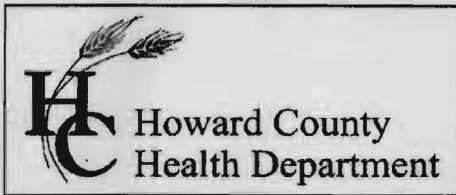
Dollars

\$

33000

Received By

Sherb Beatty



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

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

RECEIPT DATE: 12/26/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 564704

APPROVAL DATE: 1/10/19 SEC **PERMIT:** **REPAIR** A _____

PROPERTY ADDRESS: 561 Route 32

SUBDIVISION: _____ LOT: _____ TAX ID: 03-297942

CONTRACTOR: Marc D. Hereth EMAIL: marcdherethconstruction@gmail.com

CONTRACTOR ADDRESS: 2551 Florence Rd, Woodbine, MD 21797 PHONE: 301-580-5977

PROPERTY OWNER: Vivian Varnet EMAIL: _____

OWNER ADDRESS: 561 Route 32 PHONE: _____

SEPTIC TANK SIZE (GALLONS): 1000 PUMP CHAMBER CAPACITY (GALLONS): N/A PUMP SIZE: N/A

NUMBER OF BEDROOMS: 3 HOUSE SQ. FT. _____ APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>87</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>N/A</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u>

LOCATION: **TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.**

NOTES: Install 1x87' trench on contour. If rock is encountered during trench installation, OK to install 2x44' trenches. Existing tank must be pumped and collapsed. [4 BR design = 117' total, 5 BR design = 146' total]

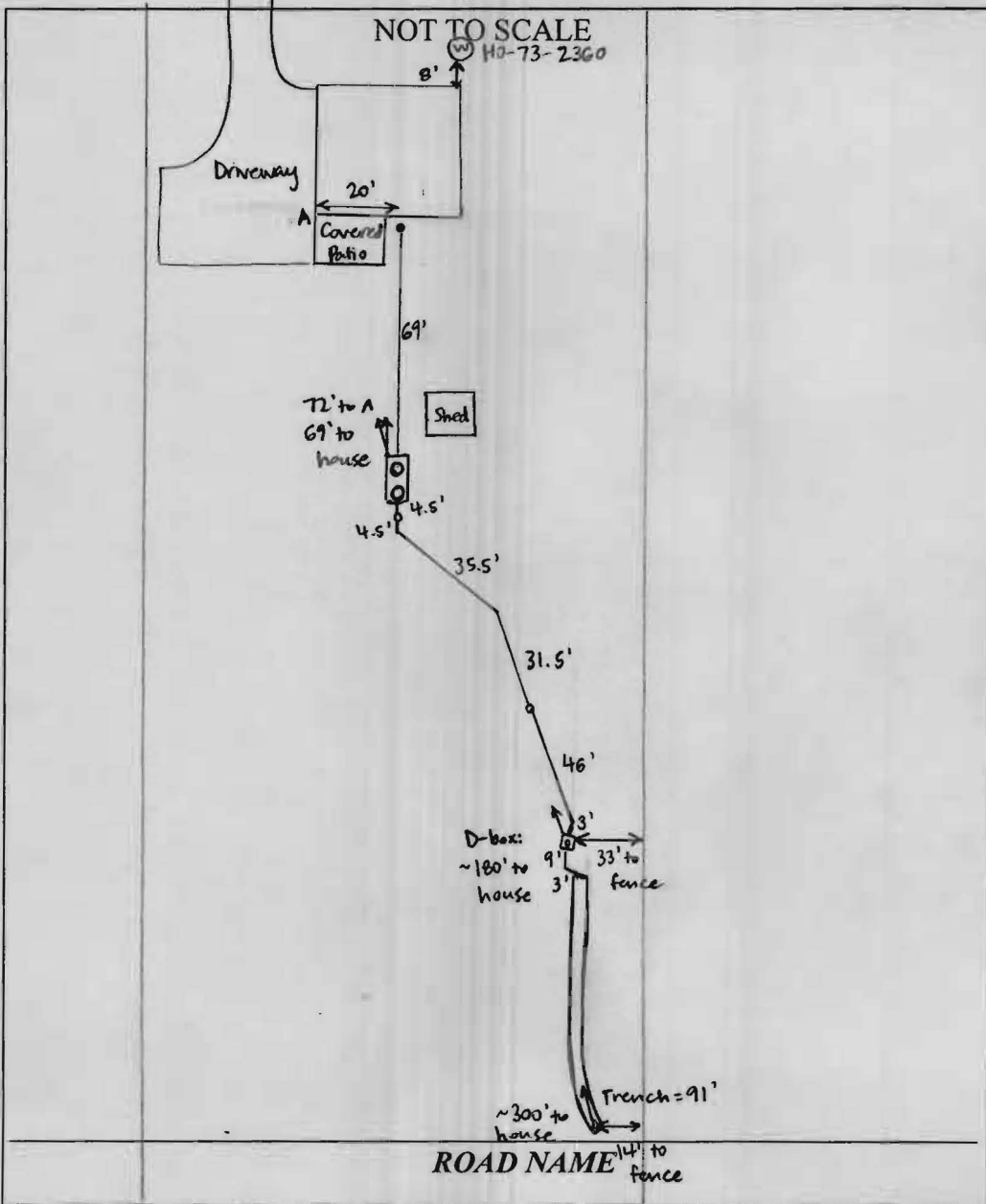
ISSUED BY: Sarah Collins ISSUE DATE: 1/7/19 EXPIRATION DATE: 1/7/20

- 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 DOWNGRADE 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 WARRANT 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: 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.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	8'
NUMBER OF TRENCHES		1
TOTAL LENGTH		91'
ABSORPTION AREA		182' + SIDEWALL
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	6"
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT + REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	YES
DATE ON LID	11-9-18

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:
 1/7/19 Shot contour, laid out 1-87' trench. OK to split into 2-44' trenches if rock is encountered.
 Trench to extend east off perc hole F. (SC)

INSTALLATION: 1/8/19 Trench dug, contractor adding stone. No rock in dirt piles. 2' wide, 8' bottom, 3' inlet. Using laser to check depths of trench + stone. (SC) 1/9/19 Tank set and connected to existing line at house. Old tank had gravel bottom + black sides - little/no liquid inside. Contractor filled with stone. Running line down to trench, bedding with #57 stone b/c of rock. Need vertical pipe on tank baffles. [Corrective action.] (SC) 1/10/19 line to D-box complete. 16" vertical pipe installed on front + rear baffles. [Corrective action completed.] (SC)

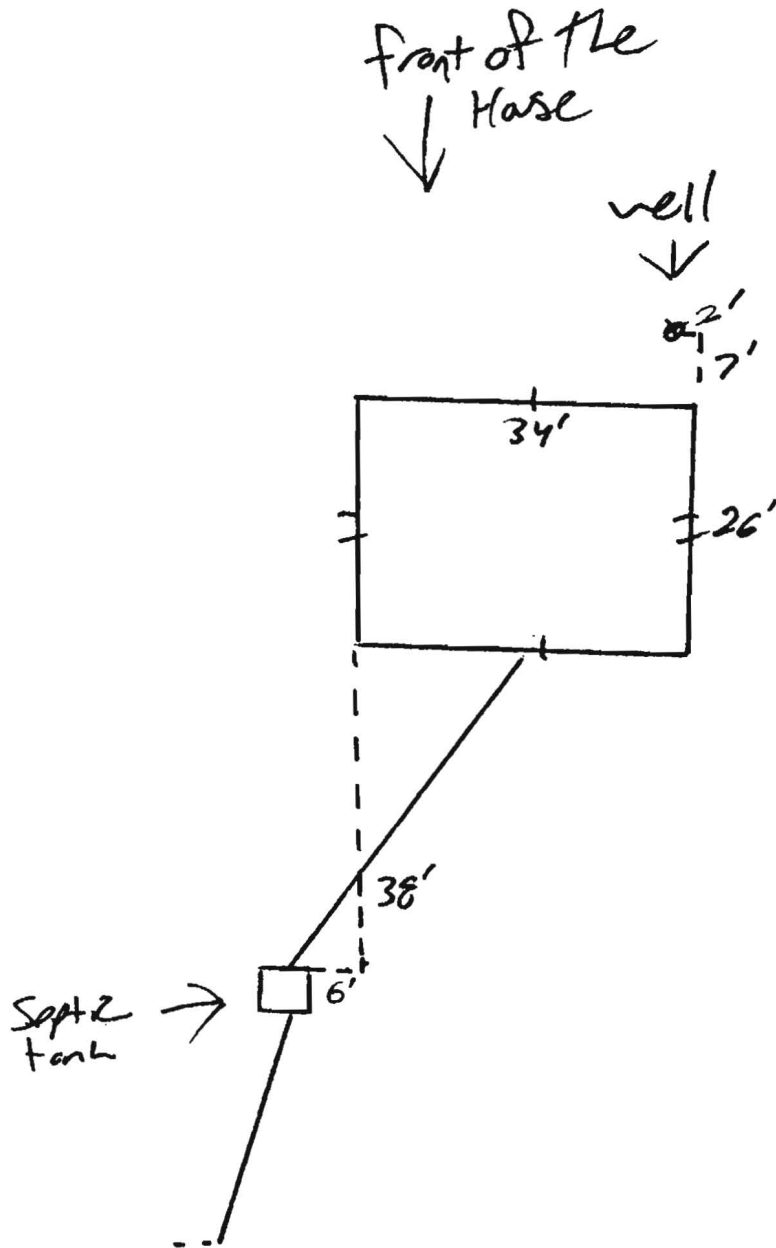
FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 1/10/19

HOME LAND ENVIRONMENTAL

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

561 Sykesville Road, Sykesville MD 21784

1:20



HOME LAND

ENVIRONMENTAL

Location
561 MD-32
Sykesville MD 21784

Inspector
Nicholas Riehl
Environmental Inspector



Monday, December 10, 2018

The camera was inserted into the front line via the septic tank. The front line is composed of terracotta and appears to have root infiltration throughout. There is a clog in the front line that is just about where the front line meets the back porch. The front line will need to be remediated. The camera was inserted into the back line via the snake line just after the tank. The back line is composed of PVC and was free of obstructions.

Camera septic report for the purpose of a real estate transaction. Refer to septic evaluation for more details. This is a subjective and visual inspection only, based upon many unknown and unseen factors. * This report does not WARRANT nor GUARANTEE continued functional sewer operations. Payment and/or use of this evaluation signifies understanding and acceptances of the above clauses.

2018-12-10-14-06-03

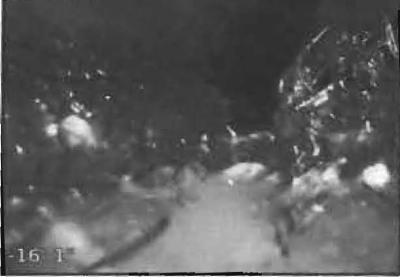


12/10/2018 2:06:03 PM

Starting the video at the clog in the front line due to the difficulty in getting the camera in the front line.

0' 1"

02:07:30 PM / 12-10-2018



12/10/2018 2:07:31 PM

Visual of roots in the front line.

-16' -2"

02:07:38 PM / 12-10-2018



12/10/2018 2:07:39 PM

Visual of roots in the front line.

-14' -6"

02:07:49 PM / 12-10-2018



12/10/2018 2:07:49 PM

Visual of debris in the front line.

-8' -11"

02:08:58 PM / 12-10-2018



12/10/2018 2:08:59 PM

Visual of roots in the front line beyond the clogging point.

4' 9"

02:09:02 PM / 12-10-2018



12/10/2018 2:09:02 PM

Visual of roots in the front line beyond the clogging point.

5' 4"

02:09:08 PM / 12-10-2018



12/10/2018 2:09:09 PM

Visual of roots in the front line beyond the clogging point.

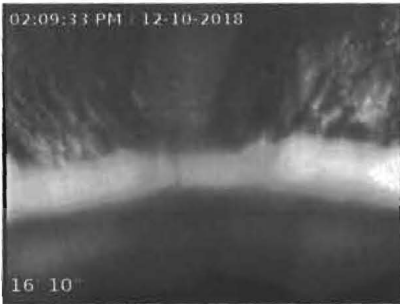
7' 2"



12/10/2018 2:09:18 PM

Visual of roots in the front line beyond the clogging point.

10' 2"



12/10/2018 2:09:33 PM

The camera is in the house. End of the front line.

16' 11"



12/10/2018 2:17:58 PM

Start of the back line.

0' 0"



12/10/2018 2:18:28 PM

Left bend in the back line.

23' 5"



12/10/2018 2:18:43 PM

Visual of T pipe where the effluent flows into drainfields.

24' 10"



12/10/2018 2:18:55 PM

Visual of the drainfield. The camera could not progress beyond this point due to the bends in the pipe and the distance.

28' 2"



Bureau of Environmental Health

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Twitter: HowardCoHealthDep

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

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Reason for Request options: Failing System, System relocation for proposed addition, 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 options: Yes, 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 options: Yes, No

Was a visual inspection of the sewage line conducted?

- Was a visual inspection of the sewage line conducted options: Yes, No

Existing system design

- Existing system design options: Drywell, Trench, Mound, Unknown, Other

Is discharge surfacing on the ground?

- Is discharge surfacing on the ground options: Yes, No

Additional Comments:

*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: MAREK D. WELBYA Contractor's Phone: 301-580-5977
Contractor's Address: 2551 FLORENCE RD WOODBURN MD 21797

Property Address: 561 ROUTE 32 SILKENS 21784 County file:
Subdivision: Lot: Year Built: 19583
Owner's Name: STAV VARNIER Owner's Phone: 443 250 2470

Name of previous owners: Existing bedrooms: 3
Proposed bedrooms:

Has this request been previously discussed with a Sanitarian? (Name): KEVIN WELBY
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.