



HOWARD COUNTY HEALTH DEPARTMENT

91084

P5

CODES

DATE

6/30/26

☐ CASH

☒ CHECK

NO.

Received
From

For

Fogles Septic Clean, Inc.

Repair- 13734 Barberrry Way

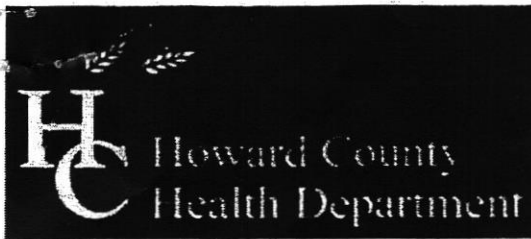
Two Hundred Sixty Five — 00/100 Dollars

\$

265.00

Received By

Alletta Syl



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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 13734 Barberrry Way, Sykesville, MD. 21784

Subdivision: Westcliffe Manor Lot: 14

Replacement

~~Initial system:~~ Application rate: .8 Effective area beginning depth: 5 1/2' Bottom maximum depth: 10'

~~1st Replacement:~~ Application rate: Effective area beginning depth: Bottom maximum depth:

~~2nd Replacement:~~ Application rate: Effective area beginning depth: Bottom maximum depth:

Design Flow = 150 gallons per day per bedroom

Design flow + application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage + trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is $2D + W$ up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

inlet - whatever works for fall from tank location (not lower than 4') ^{as high as possible}
trenches LF = 103' = 3 x 34' @ 3' wide (13' etc) - 10' bottom
septic tank - load bearing - due to depth of sewer line (new 1500g) (new d box)
SWC = 4 1/2' (from 5 1/2' to 10')

Approved: S. Page / R. Rappaport Date: 6/29/26



Howard County
Health Department

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RECEIPT DATE: 6/15/2026 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 5-91069 ⁸⁴⁷⁰

APPROVAL DATE: 7/10/26 **PERMIT: REPAIR**

A

PROPERTY ADDRESS: 13734 Barberry Way Sykesville MD 21784

SUBDIVISION: _____ LOT: _____ TAX ID: 04-338901

CONTRACTOR: Fogle's Septic Clean, Inc EMAIL: info@fogles.com

CONTRACTOR ADDRESS: 580 Obrecht Road Sykesville, MD 21784 PHONE: 410-795-5670

PROPERTY OWNER: Kara Krueger EMAIL: Kara.nicole.krueger@gmail.com

OWNER ADDRESS: 13734 Barberry Way Sykesville MD 21784 PHONE: 240-638-6027

SEPTIC TANK SIZE (GALLONS): 1500 Gal TANK MANUFACTURER: Babylon

PUMP MODEL: N/A PUMP SIZE N/A PUMP TANK CAPACITY: N/A

DISTRIBUTION SYSTEM: ☒ GRAVITY ☐ PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>120' (3x40')</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>10'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>13'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.5'</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA STAKED DURING PERC TEST.	
NOTES:	Install System Per Plan Ex. Tank and Drywell TBA	

ISSUED BY: Nat Burns ISSUE DATE: 7/8/26 EXPIRATION DATE: 7/8/27

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 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: 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

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	5.1	10'
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>125'</u>		
ABSORPTION AREA <u>375 ft² + sidewalk</u>		
DISTRIBUTION BOX LEVEL <u>Yes</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA

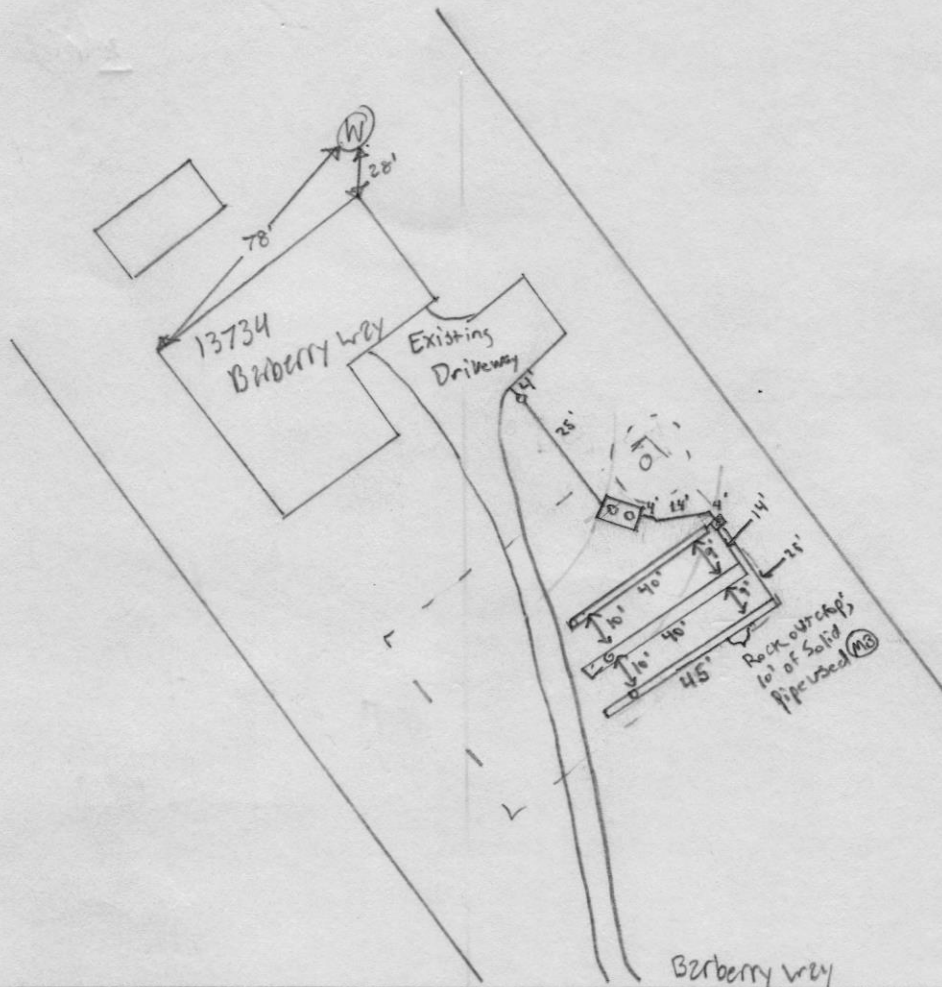
SEPTIC TANK 1 LEVEL Yes
 MANUFACTURER Babylon
 CAPACITY 1500 GAL
 SEAM LOC Top
 TANK LID DEPTH 4.5' (Load-bearing)
 BAFFLES 6" Front / 4" Back
 BAFFLE FILTER Polybk 67
 MANHOLE LOC Front/Back
 6" PORT LOC _____
 WATERTIGHT TEST _____
 SLOTTED Yes
 DATE ON LID 6-4-26

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 _____

CONTROL PANEL DATA

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



ROAD NAME

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Mike Hooper
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:

7/8/26 Re-staked trenches with Contractor so that they are 40' instead of 35'. Confirmed 4' inlet based on proposed tank location elevation. Confirmed BA count is 4. Contractor added the drywell trench to the submittal site plan, and also added "Proposed d-box" and "proposed 4" schedule 40 pipe to be used" to plan. Gave contractor permit while on

INSTALLATION NOTES:

7/9/26 Load-bearing septic tank installed and level. Frontline connected to cast-in front line right after the driveway and installed observation port. Front line has 1/2" Pull, Sch. 40 pipe used (MB) 7/9/26 Contractor abandoned septic tank and drywell, both were pumped out on Monday 7/6. Back line from ST to d-box complete. Inlet of trench will be 5.1". Contractor bedding pipe around ST with septic stone while on site. EB vent baffle installed. Backfilling line and bedding around d-box, will continue tomorrow. 7/10/26 Contractor not on site for AM inspection. Completed two trenches. Stake tape measure down ebr. part to verify 10' bottom. Trench lengths per plan. Stone is good. Fun Method Quarry. Upper trench was covered, could not verify inlet, depth of stone, or geotextile fabric. On trench 2 top of stone to grade is ok. (MB) * See File Inquiry notes For additional inspection * MB

FINAL INSPECTOR M. Burns DATE OF APPROVAL 7/10/26

while digging trench 3, contractor encountered rock from — to — from 3' to 10' depth. Per KW Contractor
OK to continue with trench, but contractor to add solid pipe in the 10' section of trench with rock outcrop.
Trench bottom OK @ 10'. Trench length @ 43', inlet @ 5'. geotext + obs. port added. 1 covered d-box. OK to backfill. (10)

$$T_3 = 43'$$

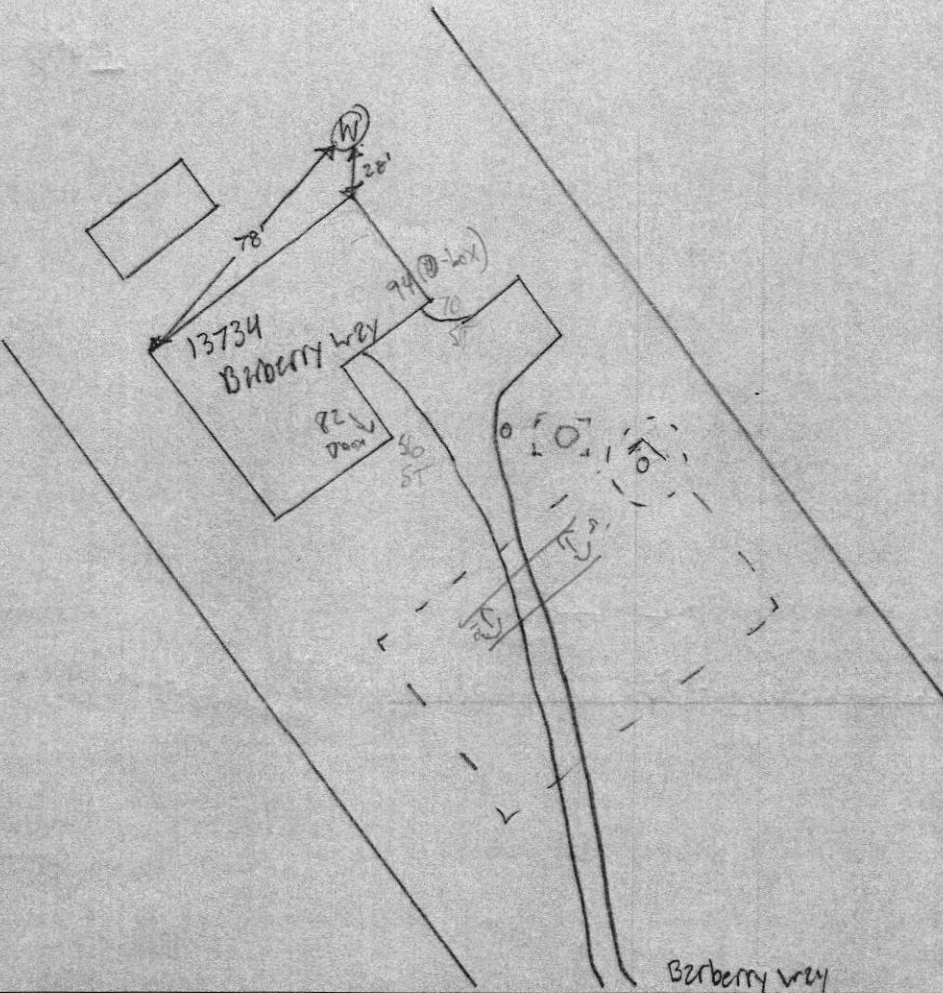
$$T_2 \text{ to } T_3 = 9'$$

$$T_2 \text{ to } T_3 = 10'$$

NOT TO SCALE

4/26/21

4/26/21 0104 E 91-1



ROAD NAME

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 1 LEVEL

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

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: Mike Hooper
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES NO

PRE-CONSTRUCTION NOTES:

7/8/26 Re-staked trenches with Contractor so that they are 40' instead of 35'. Confirmed 4' inlet based on proposed tank location elevation. Confirmed BR count is 4. Contractor added the drywell trench to the submitted site plan, and also added "proposed ab-box" and "proposed 4" schedule 40 pipe to be used" to plan. Give contractor permit while
INSTALLATION NOTES:

CONTROL PANEL DATA

CONTROL PANEL HEIGHT (MIN 30")

INSPECTION DATE

INSPECTION: PASS/FAIL (CIRCLE ONE)

AL INSPECTOR DATE OF APPROVAL

FILE INQUIRY NOTES

[illegible]

13734 Parberry Way



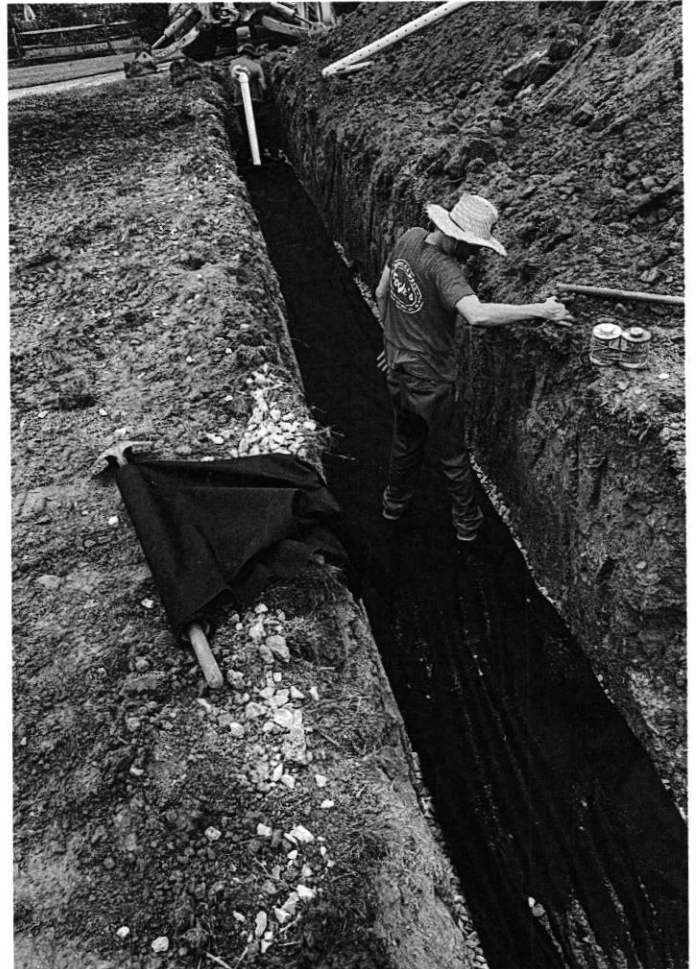
Rock encountered on trench 3 from 7' to 16' lengthwise



Rock encountered on trench 3 had a depth of 3' to 10'



Contractor added solid pipe from 7' to 16'



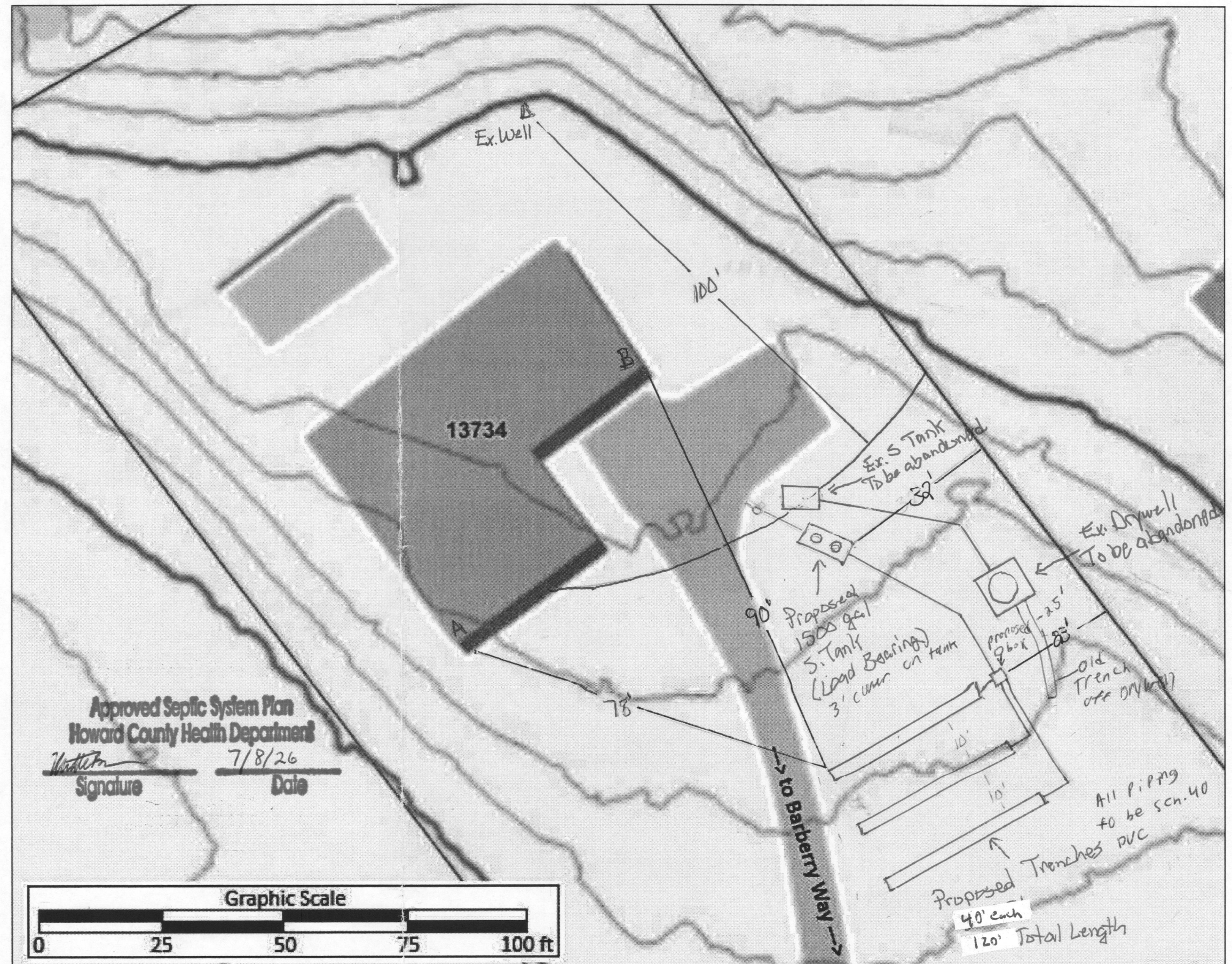


D-box and back line installation

Scope of Work

1. Replace failing drywell with septic system based on perc testing completed on 6/26/2026
2. Pump, crush and backfill existing septic tank and drywell
3. Install 1500 gallon two-compartment, top-seam, concrete septic tank with manhole riser and lids to grade on both compartments. Septic tank to have load bearing lid due to depth.
4. Install 5-hole distribution box with manhole access to grade
5. Install 105 ft of absorption trench to include:
 - a. Three 35 ft trenches in length
 - b. Trench width to be 3 ft
 - c. Trench depth to be 10 ft
 - d. Inlet depth 4 ft below grade
 - e. 4.5 ft of stone below inlet (add additional stone if possible while maintaining fall from d-box)
6. PVC observation ports installed to grade at end of each absorption trench
7. No neighboring wells within 100 ft

Misc. Notes



Septic Repair Design Plan

FOGLE'S	Designer & Installer Info		Property Info		Owner Info		Additional Info	
	Installer: Fogle's Septic Clean, Inc Address: 580 Obrecht Rd Sykesville, MD 21784	Designer: John Hieatzman Phone: 410-795-5670 Email: info@foglesinc.com	Address: 13734 Barberrry Way Sykesville, MD 21784		Name: Kara Krueger Phone: 240-638-6027 Email: kara.nicole.krueger@gr		Perc Date: 6/26/26 Permit No.: Bedrooms: 4	Version: 1.0 Date: 6/30/26 Job No.: 1101

SITE INSPECTION SHEET

Kara.nicole.krueger@gmail.com

OWNER: Kara Krueger PHONE #: 240-638-6027

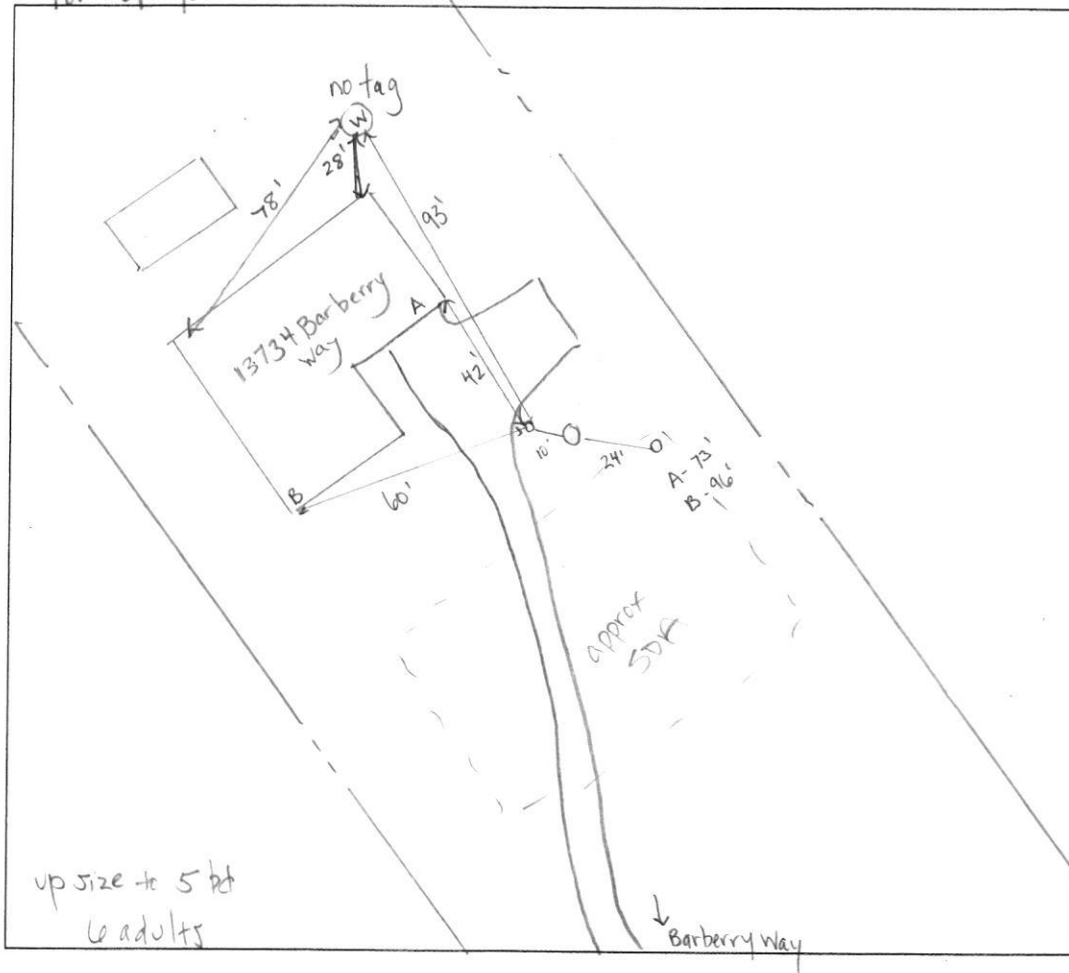
ADDRESS: 13734 Barberrry Way CONTRACTOR: Fogles

Sykesville, MD 21784 WELL TAG #: no tag

SUBDIVISION: Westcliff Manor LOT: 14 COUNTY #: 04-338901

PROPOSAL: Contractor found a faili-g drywell + septic was full - they
investigated between 5/19/26 - 6/13/26 and determined septic system needs to be
repaired - Perc test scheduled for 6/26/26

LOCATION DIAGRAM



COMMENTS: _____

Sevage Appears to have surfaced near the tank's dry well c/p. spoke to
Ho who wants to size the new system for 5 bedrooms

DATE: 6/24/26 INSPECTOR: R.R. report / S. Page

RECEIPT

Howard County, MD
HOWARD COUNTY HEALTH DEPARTMENT
ASCEND ONE BUILDING
Columbia, MD 21045
8930 STANFORD BLVD

Application: WS-SP-APP-26-00161

Application Type: EnvHealth/Well and Septic/Sewage Disposal System/Application

Address: 13734 Barberry WAY, Sykesville, MD 21784

Receipt No.	15806					
Payment Method	Ref Number	Amount Paid	Payment Date	Cashier ID	Received	Comments
Check		\$265.00	07/08/2026	ATAYLOR		

Owner Info.: Kara Krueger
13734 Barberry Way
Sykesville, MD 21784

Work Description: