

August 23, 2019

MEMORANDUM

To: Michael Roberts
Water Quality Financing Administration
Maryland Department of the Environment

Kristin Mielcarek
Canaan Valley Institute

From: Jeff Williams
Program Supervisor, Well & Septic Program

Re: **BRF Proposal for connecting 3134 Brookmede Road to public sewer**

The Howard County Health Department has identified a property in Howard County that meets the five requirements of HB 57 to receive BRF money for connecting an existing house to an existing public sewer line.

1. THE ENVIRONMENTAL IMPACT OF THE ONSITE SEWAGE DISPOSAL SYSTEM IS DOCUMENTED BY THE LOCAL GOVERNMENT AND CONFIRMED BY THE DEPARTMENT;

The existing on-site sewage disposal system serving the single family dwelling on the property is in a failing condition. Please see exhibit A containing a Health Department site evaluation form confirming the failing condition.

2. IT CAN BE DEMONSTRATED THAT:

A. THE REPLACEMENT OF THE ONSITE SEWAGE DISPOSAL SYSTEM WITH SERVICE TO AN EXISTING MUNICIPAL WASTEWATER FACILITY THAT IS ACHIEVING ENHANCED NUTRIENT REMOVAL LEVEL TREATMENT IS MORE COST-EFFECTIVE FOR NITROGEN REMOVAL THAN UPGRADING THE INDIVIDUAL ONSITE SEWAGE DISPOSAL SYSTEM; OR

B. THE INDIVIDUAL REPLACEMENT OF THE ONSITE SEWAGE DISPOSAL SYSTEM IS NOT FEASIBLE;

The Little Patuxent Wastewater Treatment Plant is currently constructed to meet to ENR standards. Therefore, it is more cost effective per pound of nitrogen removal than installing a BAT on an on-site sewage disposal system. The homeowner has received three (3) written quotes (exhibit B) from contractors to make the connection. Please note that the quotes from Heil Plumbing and Hatfield's are each split in two bids for the full scope of work. The lowest quote is \$8690 from Hatfield's Equipment. The homeowner has paid the Howard County connection cost

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

of \$2400, of which \$900 is reimbursable by the grant. The other \$1500 is a surety deposit that the homeowner will get back once the work is completed (exhibit C). Additionally, connection to the public system is required by Howard County Code and installation of an on-site sewage disposal system would be inconsistent with the Howard County Master Plan for Water and Sewerage, and therefore, prohibited by COMAR 26.04.02.02.J.

3. THE PROJECT IS CONSISTENT WITH THE COUNTY'S COMPREHENSIVE PLAN AND WATER AND SEWER MASTER PLAN;

The Howard County Master Plan states that an individual sewerage system may not be installed on any parcel or lot where a public sewer system is adequate and available. The public sewer system is adequate and available to this property. Exhibit D is a Howard County GIS map illustrating the existing sewer line in red.

4. THE ONSITE SEWAGE DISPOSAL SYSTEM WAS INSTALLED AS OF OCTOBER 1, 2008, AND THE PROPERTY THE SYSTEM SERVES IS LOCATED IN A PRIORITY FUNDING AREA, IN ACCORDANCE WITH § 5-7B-02 OF THE STATE FINANCE AND PROCUREMENT ARTICLE; AND

The existing home was built before public sewer was available. Health Department records do not exist for the property. The State Department of Assessment and Taxation Real Property Form indicates the house was built in 1965 (exhibit E). 3134 Brookmede Road is within the Priority Funding Area.

5. THE LOCAL GOVERNMENT HAS ADOPTED A POLICY OR PROCEDURE THAT WILL GUARANTEE THAT ANY FUTURE CONNECTION TO AN EXISTING MUNICIPAL WASTEWATER FACILITY THAT IS FUNDED UNDER PARAGRAPH (2)(D)1E OF THIS SUBSECTION WILL MEET ALL OF THE REQUIREMENTS UNDER THIS SUBPARAGRAPH.

The Howard County public sewer line has already been constructed. The connection will be for 3134 Brookmede Road and no other homes will be connected to the sewer line house connection.

The Howard County Health Department does not like to maintain financial data of Howard County citizens, so I have requested that the owner provide their taxable income information directly to Canaan Valley Institute. Please feel free to contact me at (410) 313-1771 with any questions.

SITE INSPECTION SHEET

OWNER: _____ PHONE #: _____

ADDRESS: 3134 Brookmeade CONTRACTOR: _____

_____ WELL TAG #: _____

SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: fixing septic

LOCATION DIAGRAM



COMMENTS: _____

DATE: 6/21/19 INSPECTOR: J. Williams

Hatfield's Equipment and Dedication Services, Inc.

Exhibit B

P.O. Box 519 • Annapolis Junction, MD 20701-0519
Office: 301-490-4289 / 888-490-4289 • Fax: 301-490-5794

Ruth Glock
3134 Brookmede Road
Ellicott City, MD 21042

Septic To County Sewer
Proposal # 10103

6/14/19

We propose to supply the labor, materials and equipment to complete the following:

Apply for plumbing permit
Pump, crush and fill the existing septic tank and drywell
Install 4" PVC schedule 40 pipe from the area before the tank to the new installed tap
Backfill and tamp suitable soil in tank and drywell area
Complete inspections
Seed and straw area disturbed
Cost \$ 5,670.00

Exclusions: Bonds, export of fill, asphalt repair, concrete repair, sodding, any items not priced above.


All work to be billed as completed.

Customer agrees to pay Hatfield's Equipment And Dedication Services Inc. in full the amount due within 30 days.

A finance charge at the periodic rate of 2% per month which constitutes an annual percentage rate of 24%, will be applied to any balances not paid in 30 days
Customer agrees to pay 40% of amount due as attorney fees if placed in the hands of an attorney for collection.

Non-payment of any past due amount will be sufficient justification to stop work on the project.

Respectfully Submitted



Ken Hatfield, president

Accepted by

Signature of Responsible Party

Print Name

Hatfield's Equipment and Dedication Services, Inc.

P.O. Box 519 • Annapolis Junction, MD 20701-0519
Office: 301-490-4289 / 888-490-4289 • Fax: 301-490-5794

Ruth Glock
3134 Brookmede Road
Ellicott City, MD 21042

Tap Installation
Proposal # 10102

6/14/19

We propose to supply the labor, materials and equipment to complete the following:

Excavate grass area in yard
Install a 4x8 stainless steel saddle on the existing sewer
Install 4" SDR 35 PVC pipe with a Horn concrete wye block at the property line with
cleanout to grade
Place #57 stone around all pipe and fittings
Call for all inspections
Backfill and tamp
Seed and straw area disturbed
Cost \$ 3,020.00

*Owner to pay all county permit, construction fees.

Exclusions: Permits, bonds, engineering, export of fill, import of fill, asphalt repair,
concrete repair, asbuilts, any items not priced above.

All work to be billed as completed.

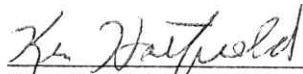
Customer agrees to pay Hatfield's Equipment And Dedication Services Inc. in full the
amount due within 30 days.

A finance charge at the periodic rate of 2% per month which constitutes an annual
percentage rate of 24%, will be applied to any balances not paid in 30 days

Customer agrees to pay 40% of amount due as attorney fees if placed in the hands of an
attorney for collection.

Non-payment of any past due amount will be sufficient justification to stop work on the
project.

Respectfully Submitted



Ken Hatfield, president

Accepted by

Signature of Responsible Party

Print Name



Date: 08/19/2019

Submitted To:

Ruth Glock
3134 Brookmede Rd.
Ellicott City, MD
Attn: Brian Glock

Proposal Expires On:

09/18/2019

Project ID: Ruth Glock 3134 Brookmede Rd.

Project Description: Sewer house connection

PROPOSAL

We propose hereby to furnish all materials, labor, and equipment for the completion of the following:

SCOPE OF WORK

Plumbing

Tanks must be pumped prior to start (Owner Responsibility)

1. Excavate in front of the existing sewer tank
2. Expose 4" connection
3. Remove 3' section of existing sewer line and install cleanout
4. Install 4" PVC to property line
5. Provide cleanout for final connection

Utility

1. Excavate to sewer main
2. Install shoring to protect the hole
3. Perform hot tap on main and set new concrete cleanout block at property line connection
4. Fill septic sewage tank with 57 stone and cap both ends
5. Backfill and tamp per Howard County spec and reseed with approved fescue
6. Tree may need to be removed by Owner
7. Tree will incur damage from machines excavating

Health dept contact by others once tank is filled

CSI	Code	Item Description	Quantity	Unit	Unit Price	Ext. Price
(none)		house connection abandon tank	1		47,550.00	47,550.00
Total Price						\$47,550.00

General Conditions Not Included:

1. All applicable Taxes are included
2. Permit fees unless noted above
3. Wage Scale unless noted above
4. Our work hours are from 7:30am to 4:00 Pm after that premium time
5. Design or stamped drawings unless noted above
6. Bonding and special insurance requirements will be supplied at additional cost
7. Masonry Openings and patching for duct work
8. Steel for hoods, fans, outdoors on roof, of any kind
9. Access Panels

GENERAL PROVISIONS:

1. Prices contained herein are for a complete job, including labor, material, sales tax and permits unless otherwise noted.
2. Standard General Conditions are attached and are hereby made a part of this proposal unless otherwise noted. Items 2a, 2b, 4a and 4b do not apply to prime contracts with the owner.
3. Acceptance of this proposal, either by signature authorization, by purchase order or letter of authorization shall be construed to mean acceptance of the proposal in its entirety unless otherwise noted.
4. In the event that payment is not made within the terms stated herein, purchaser agrees to pay reasonable legal fees associated with collecting such payments, and shall, in addition, pay interest at a rate of 1.5% per month on any past due amounts.
5. Final acceptance of this agreement by T&D Plumbing & Heating Co Inc. is contingent upon review and acceptance of the customer's credit history and acceptable contract terms and conditions.

PAYMENT TERMS:

Net 30 Days After invoice

**For payments made by credit card a 3% fee will be added to the total price above, per transaction.*

**All Projects , AIA progress billing will apply.*

Standard General Conditions to T&D Plumbing & Heating Co. Proposal

1. Warranty

- a. All equipment, materials, and labor furnished by T&D Plumbing will be warranted from defects for a period of one year, beginning from the date of occupancy or beneficial use, whichever first occurs.
- b. Filters, belts, fuses, sewer stoppages, lamps, and other maintenance type items are not covered by this warranty.
- c. Starting and stopping the equipment, adjustment of operating controls and responses to suspected but unfounded problems are not covered by this warranty.
- d. During the warranty period, repairs required due to lack of proper preventative maintenance will not be covered by this warranty.
- e. No implied warranties may be assumed except as stated.

2. Payment

- a. Unless otherwise stated, progress billings will be made by the end of each month unless contract requirements dictate otherwise, and shall be payable by the customer within 30 days of invoice date.
- b. Our price is based on the assumption that this proposal will be the contract document, a purchase order number is received with this proposal as an addendum or an AIA A401 subcontract form or acceptable equal will be utilized. T&D Plumbing & Heating will not enter into any contract where payment by the owner to the general contractor is a contingency for payment to T&D. T&D Plumbing & Heating will attempt to accommodate general contractors when owner payments are late, but T&D Plumbing & Heating insists on retaining the legal right to timely payment, regardless of the status of the owner's payments.
- c. T&D Plumbing & Heating reserves the right to terminate all warranty responsibilities if final payment is delayed more than ninety days from the date of our receipt of final inspections in all trades in our contract. Such warranty will be restored when final payment is made.

3. No work is included unless specifically stated in the text of this proposal. Extra work requested by the owner, contractor, or municipal authorities shall be negotiated as extras to the quoted price or performed on a time and material basis. Prices are good for thirty days or less, as noted. Add 2% per month for inflation unless price is validated with T&D Plumbing & Heating

4. Temporary Facilities

a. Unless otherwise agreed, customer agrees to provide following temporary facilities:

- 1) Temporary power within fifty feet of the work area if needed.
- 2) Toilet facilities, permanent or temporary.
- 3) Telephone, for emergency use only.
- 4) Dumpster for trash removal.

b. T&D Plumbing reserves the right to refrain from working on any job where temporary facilities are not provided unless the customer agrees to pay extra for T&D Plumbing to make arrangements to compensate for the deficiency

T&D Plumbing & Heating Sales Engineer: _____ Date: _____

Authorized Contract Agent: _____ Date: _____

Offered By:

Signature: _____
Name (print): Mario Diangelo
Title: Pres.
Company: T&D Plumbing & Heating Co. Inc.
Date: _____

Accepted By:

Signature: _____
Name (print): _____
Title: _____
Company: _____
Date: _____



8177 Mission Rd.
 Jessup Maryland 20794
 (410)799-7727
 office@heilplumbing.com

Estimate

ESTIMATE#	22359723
DATE	07/03/2019
PO#	

CUSTOMER
Ruth Glock 3134 Brookmede Road Ellicott City, MD 21042 (410) 209-9209 (M)

SERVICE LOCATION
3134 Brookmede Road Ellicott City, MD 21042

DESCRIPTION	
	Looking to switch from septic to county sewer Connect Public Sewer
	Heil Plumbing shall: Disconnect and cap the drain lines above the basement floor Expose the existing sewer in front of the house Start at the front of the building and excavate an area 3' deep x 2' wide x approximately 100 +/- linear feet at a minimum depth required to provide a continuous downhill grade from the building to the Howard County Sewer House Connection. Connect to the existing sewer line stubbed out of the front of the building. Supply and install approximately 50 +/- linear feet of 4" schedule 40 PVC plastic pipe from the house to the Howard County SHC connection. Connect to the existing 4" Howard County sanitary house connection with a Fernco or equivalent flexible connector. Surround the pipe with owner furnished gravel. Supply and install 4" clean outs flush with grade at the: building, every 75' and SHC. Have the contents of the septic tank and drywell removed and disposed of by a licensed waste hauler. Fill in one septic tank (1,000 gallon) and one drywell (1,000 gallon) with dirt. Compact the soil, grass seed and straw the disturbed area.

Description	Qty	Rate	Total
Sewer New Installation	1.00	\$4,000.00	\$4,000.00
Permit Required Permit fee required	1.00	\$375.00	\$375.00
Subcontractor Licensed waste hauler	1.00	\$750.00	\$750.00

CUSTOMER MESSAGE

The prices listed are estimates only. If you are interested in completing the work with Heil Plumbing, please contact us for a formal contract with final pricing. Should you have any questions or concerns, please feel free to email at mengning.heil@heilplumbing.com or call us at 410-799-7727 Monday - Friday 7:30AM-4:30PM.

PRE-WORK SIGNATURE

Estimate Total:

\$5,125.00



8177 Mission Rd.
 Jessup Maryland 20794
 (410)799-7727
 office@heilplumbing.com

Estimate

ESTIMATE#	22554980
DATE	07/11/2019
PO#	

CUSTOMER
Ruth Glock 3134 Brookmede Road Ellicott City, MD 21042 (410) 209-9209 (M)

SERVICE LOCATION
3134 Brookmede Road Ellicott City, MD 21042

DESCRIPTION	
Install Sewer House Connection on Howard County sewer	
SHC Right of way (ROW) work in the customers yard	
Excavate 8' deep over the sewer main to expose the existing pipe	
Attached 4" SDR to the existing sewer main using an approved saddle	
Install 4" SDR to the property line	
Install a 4" SDR concrete wye block at the property line	
Have Howard County Inspection Services inspect the ROW work	
Backfill and compact the native soil in to place	
The owner shall post the bond with the county	

Description	Qty	Rate	Total
Sewer House Connection New SHC	1.00	\$3,700.00	\$3,700.00
Permit Required Fees will be \$600.00 In-Aid & \$300.00 Inspection	1.00	\$900.00	\$900.00

CUSTOMER MESSAGE
The prices listed are estimates only. If you are interested in completing the work with Heil Plumbing, please contact us for a formal contract with final pricing. Should you have any questions or concerns, please feel free to email at mengning.heil@heilplumbing.com or call us at 410-799-7727 Monday - Friday 7:30AM-4:30PM.

PRE-WORK SIGNATURE

Estimate Total: \$4,600.00

Exhibit C

OFFICE USE ONLY

SEWER CONNECTION APPLICATION HOWARD COUNTY

DEPARTMENT OF PUBLIC WORKS
3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043

686752

OFFICE USE ONLY

CONTROL #: _____
 PERMIT #: _____
 INSPECTED BY: _____
 DATE INSPECTED: _____

APPLICATION #: _____
 CONTRACT #: 130
 REBATE CONTRACT #: _____
 SEWER ZONE: _____
 CONNECTION WORKSHEET Y N _____

FILL OUT APPLICATION COMPLETELY AND SIGN BELOW. IF LOCATION INFORMATION IS UNKNOWN, CONTACT THE OFFICE OF PLANNING AND ZONING (DPZ) FOR HOUSE NUMBER, STREET NAME, ETC. NOTE: COMMERCIAL AND INDUSTRIAL FACILITIES MAY BE SUBJECT TO REQUIREMENTS OF THE COUNTY CODE FOR SEWER SURCHARGES, INDUSTRIAL COST RECOVERY CHARGES, AND PRETREATMENT.

DATE OF APPLICATION 8-23-19

Application is herewith made for a sewer house connection to the property described below:

SUBDIVISION _____ SECTION _____ AREA _____ LOT 8 BLOCK _____
 HOUSE # 3134 STREET Brookmeade Road TAX MAP 0017 GRID 0021 PARCEL 0490
 CITY, STATE Ellicott City MD ZIP CODE 21042 PHONE # 410-209-9209
 NEW OR EXISTING BUILDING Existing USE (SEE PROPERTY CLASSIFICATIONS ON REVERSE SIDE) _____

ITEMS CHECK	CONNECTION TYPE	CON. DIA.	CHARGES DESCRIPTION	CHARGES AMOUNT	FUND	BA	G/L
<input checked="" type="checkbox"/>	SEWER CONNECTION	4"	INSTALLATION		7010009000	3100	431185
<input type="checkbox"/>	SEWER CONNECTION	6"	INSTALLATION		7010009000	3100	431185
<input type="checkbox"/>	SEWER CONNECTION	8"	INSTALLATION - ADO		7010003000	1300	102998
<input checked="" type="checkbox"/>			IN-AID-OF CONSTRUCTION AMOUNT CHARGED BASED ON METER SIZE	\$ <u>600.00</u>	7030015100	3100	422000
<input checked="" type="checkbox"/>	ADO or SURETY #		ADVANCED DEPOSIT ORDER OR SURETY DEPOSIT AMOUNT	\$ <u>1,500.00</u>	7010003000	1300	102998
<input checked="" type="checkbox"/>			INSPECTION FEE AND PERMIT FEE	\$ <u>300.00</u>	7010010000	3100	431105

*Refer to DPZ for estimates of Advanced Deposit (ADO). For installations requiring an ADO, the owner must enter into a cost agreement with Howard County prior to the commencement of any installation work.

\$2,400.00
TOTAL DUE

DATE _____
 CR # _____

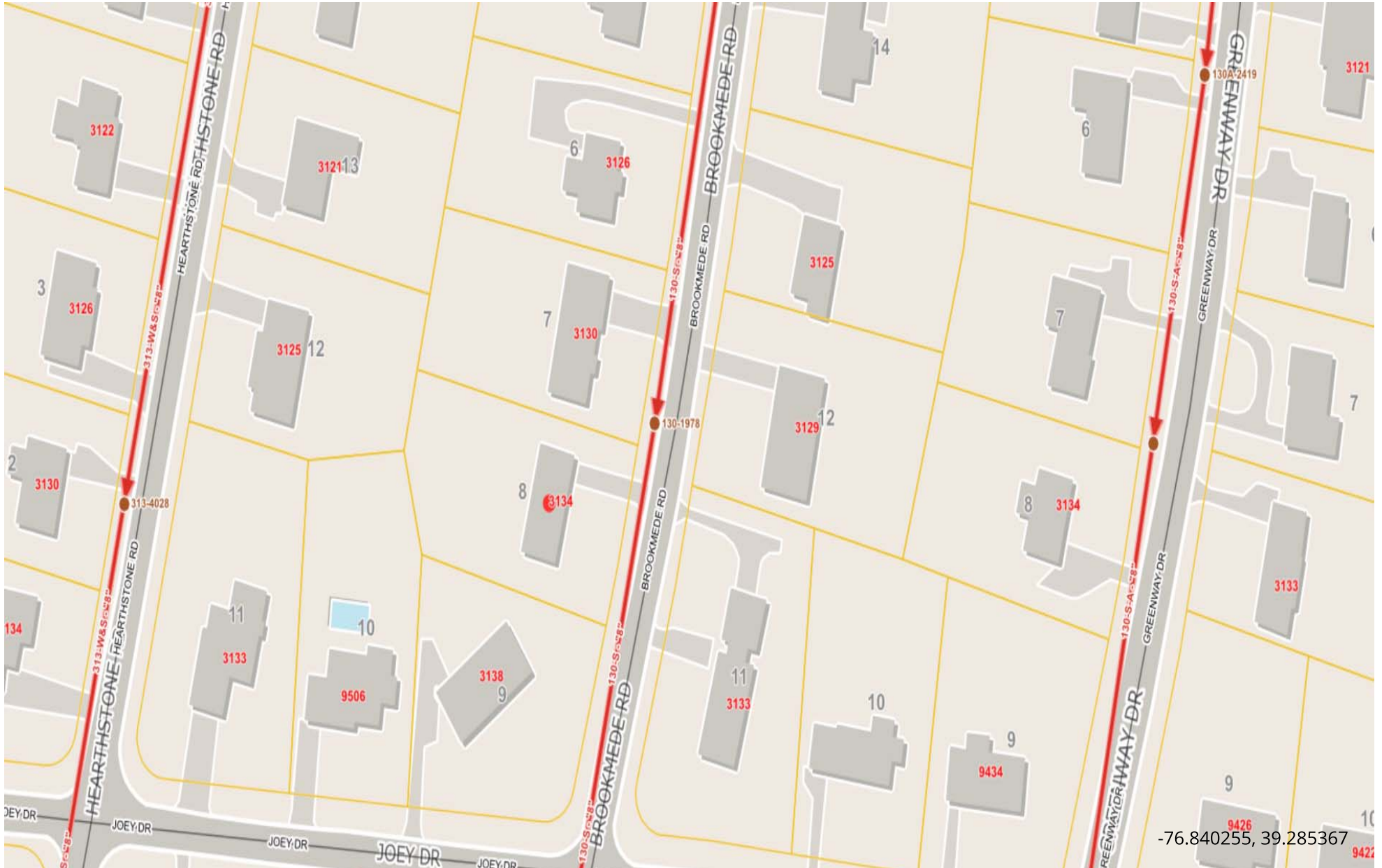
THE INFORMATION REQUESTED BELOW MUST BE LEGIBLE FOR BILLING/REFUND PURPOSES.

COMPANY NAME RUTH GLOCK
 COMPANY ADDRESS 3134 BROOKMEADE RD, ELLICOTT CITY, MD 21042
 OWNER SIGNATURE Brian Glock
 OWNER NAME (PRINT) _____
 OWNER ADDRESS SAME AS ABOVE

FULL FEE MUST ACCOMPANY THIS COMPLETE APPLICATION, MAKE CHECKS PAYABLE TO: DIRECTOR OF FINANCE, HOWARD COUNTY. CREDIT CARDS ARE NOT ACCEPTED.

THE TERMS & CONDITIONS OF THIS APPLICATION, INCLUDING ANYTHING ON THE REVERSE SIDE HEREOF ARE BINDING UPON THE OWNERS SIGNATURE & ALL SUCCEEDING OWNERS.

Exhibit D



-76.840255, 39.285367

Real Property Data Search (w2)

Exhibit E

Search Result for HOWARD COUNTY

View Map	View GroundRent Redemption	View GroundRent Registration				
Tax Exempt:		Special Tax Recapture:				
Exempt Class:		NONE				
Account Identifier:		District - 02 Account Number - 234548				
Owner Information						
Owner Name:	GLOCK CARL S & WF	Use: RESIDENTIAL				
Mailing Address:	3134 BROOKMEDE RD ELLCOTT CITY MD 21042-2460	Principal Residence: YES				
		Deed Reference: /00727/ 00698				
Location & Structure Information						
Premises Address:	3134 BROOMEDE RD ELLCOTT CITY 21042-0000	Legal Description: LOT NO 8 BL D S 10 3134 BROOKMEDE RD BRINKLEIGH				
Map:	Grid:	Parcel:				
0017	0021	0490				
Sub District:	Subdivision:	Section:				
	8207					
Block:	Lot:	Assessment Year:				
	8	2019				
Plat No:	Plat Ref:					
Special Tax Areas:	Town:	NONE				
	Ad Valorem:	104				
	Tax Class:					
Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use		
1965	1,824 SF		20,081 SF			
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation
2	NO	SPLIT LEVEL	FRAME	2 full/ 1 half	1 Attached	
Value Information						
	Base Value	Value	Phase-in Assessments			
		As of	As of	As of		
		01/01/2019	07/01/2019	07/01/2020		
Land:	140,000	246,500				
Improvements	186,600	174,700				
Total:	326,600	421,200	358,133	389,667		
Preferential Land:	0			0		
Transfer Information						
Seller:	Date:	Price:				
Type:	Deed1:	Deed2:				
Seller:	Date:	Price:				
Type:	Deed1:	Deed2:				
Seller:	Date:	Price:				
Type:	Deed1:	Deed2:				
Exemption Information						
Partial Exempt Assessments:	Class	07/01/2019	07/01/2020			
County:	000	0.00				
State:	000	0.00				
Municipal:	000	0.00 0.00	0.00 0.00			
Tax Exempt:		Special Tax Recapture:				
Exempt Class:		NONE				
Homestead Application Information						
Homestead Application Status: Approved 11/12/2014						
Homeowners' Tax Credit Application Information						