

# Village of Arlington Heights



## Sewer Back-up Rebate Program

(Including Enhanced Program Information)

Updated: March 22, 2018



Village of Arlington Heights  
Building & Life Safety Department  
33 S. Arlington Heights Rd.  
Arlington Heights, IL 60005  
(847) 368-5560  
www.vah.com

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## INTRODUCTION

This packet contains information regarding the Sewer Back-up Rebate Program. If you have questions or need additional information, please contact the Building & Life Safety Department.

The Village Of Arlington Heights has established a “Sewer Back-up Rebate Program” (SBRP) to provide financial assistance to residents who want to convert their existing gravity fed sanitary sewer system into an overhead sanitary sewer system (page 2) or an alternate flood control system (pages 3, 4, and 5). Note- This program does not address overland storm water flooding.

An overhead sanitary sewer system is designed to prevent sanitary waste (sewage) from flowing back into the house which can occur for different reasons-- one of them being heavy rain events where the Village combined sewer mains get filled to capacity. An overhead sanitary sewer line exits the house through the foundation, then drops to the public sanitary or combined sewer main.

Homeowners of single-family dwelling buildings are eligible to participate in the SBRP program. Multi-family dwelling and commercial buildings are not eligible. The standard program offers a rebate paid to the owner by the Village for up to 50%, not to exceed \$7,500.00 of the direct costs of converting an existing gravity sewer system to an overhead system.

Low-income homeowners may be eligible for 0% interest deferred loans. Additional details are located on page 7

The Village has authorized an enhanced program which will begin on October 1, 2017. The enhanced program allows for the first 400 applicants to receive a rebate of 75%, not to exceed \$11,250 of the direct costs of converting the system. Permit fees associated with these direct costs will also be waived.

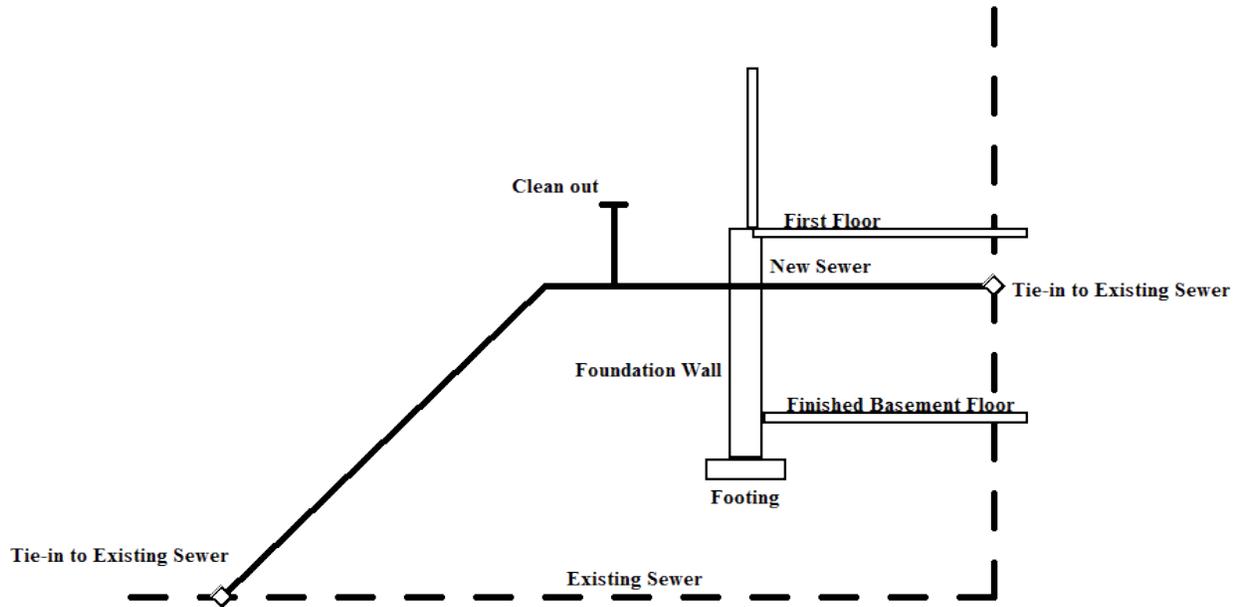
Indirect costs, such as the replacement of floor tile, drywall, painting, replacement/restoration of sidewalks, parkways, curbs, and streets, and/or landscaping, may not be covered by the program; any permits required to perform this work will include all applicable permit fees and bonds. Also, the program is not retroactive and may not be applied to work performed in the past, including applying the enhanced program to work done under the standard program.

Please take the time to read through the information in this packet which provides technical and administrative details of the program as well as necessary applications. If you have any technical questions regarding installation, please contact our Plumbing Inspector at (847) 368-5580. If you have administrative questions, call the Building & Life Safety Department at (847) 368-5560.

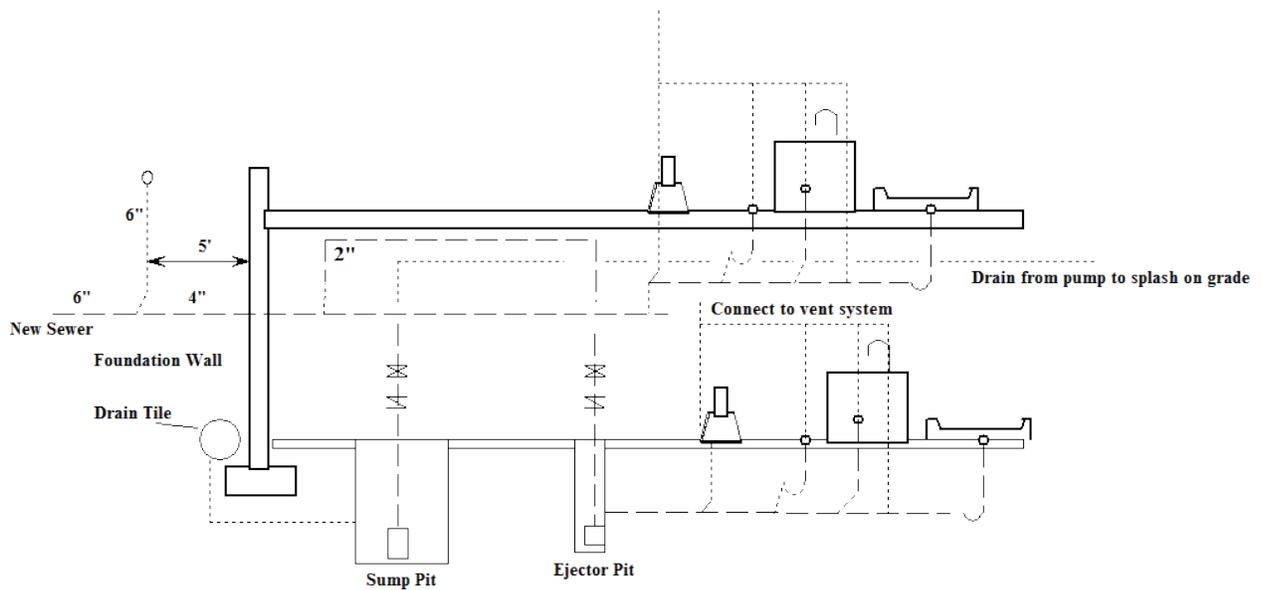
# SEWER BACK-UP REBATE PROGRAM

## OVERHEAD SEWER SYSTEM SIDE VIEW (DRAWING 1) & ISOMETRIC VIEW (DRAWING 2)

### Sewer Rebate Drawing # 1



### Sewer Rebate Drawing 2



There are some instances when an overhead sewer system may not be feasible or practical in certain situations. This may be partly due to sewer elevation differences, the conditions of finished basements, and the locations of certain fixtures within homes, etc. For such cases, an alternate flood control system has also been approved by the Village.

This alternate flood control system is designed to prevent sewage from backing up from the Village sanitary sewer and entering into the house or building. The design is based on the installation of a manhole and valve system that will be located on the private sewer line between the Village sewer and the building.

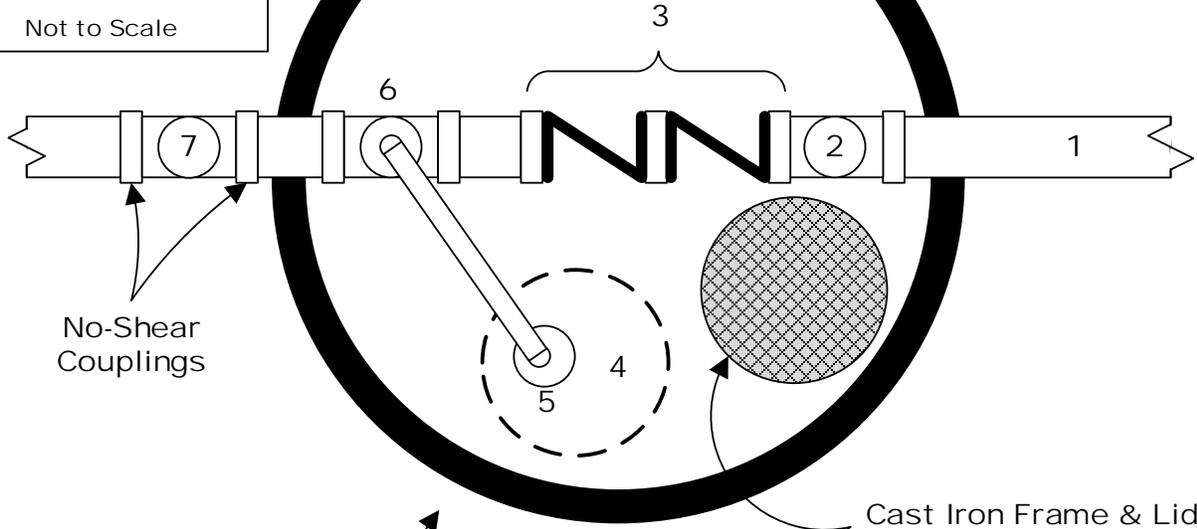
When sewage backs up because of flood conditions in the Village's collection system, check valve #1 will close, keeping all sewage on the street side of the system. A second check valve is also installed for added protection in the event check valve #1 fails.

During sewage backup, the sewer system from the house can still operate through the 2-inch ejector pumping system. The sanitary sewer wastewater will discharge out of the overflow pipe and into the ejector pit. Once the sewage reaches a certain level in the pit, the ejector pump will discharge the sewage through the 2-inch plastic pipe to the street side of the sewer line. Check valve #3 has to be installed on this 2-inch line to prevent any sewage backflow through the pump. The alternate flood control system is illustrated in drawing on the next page.



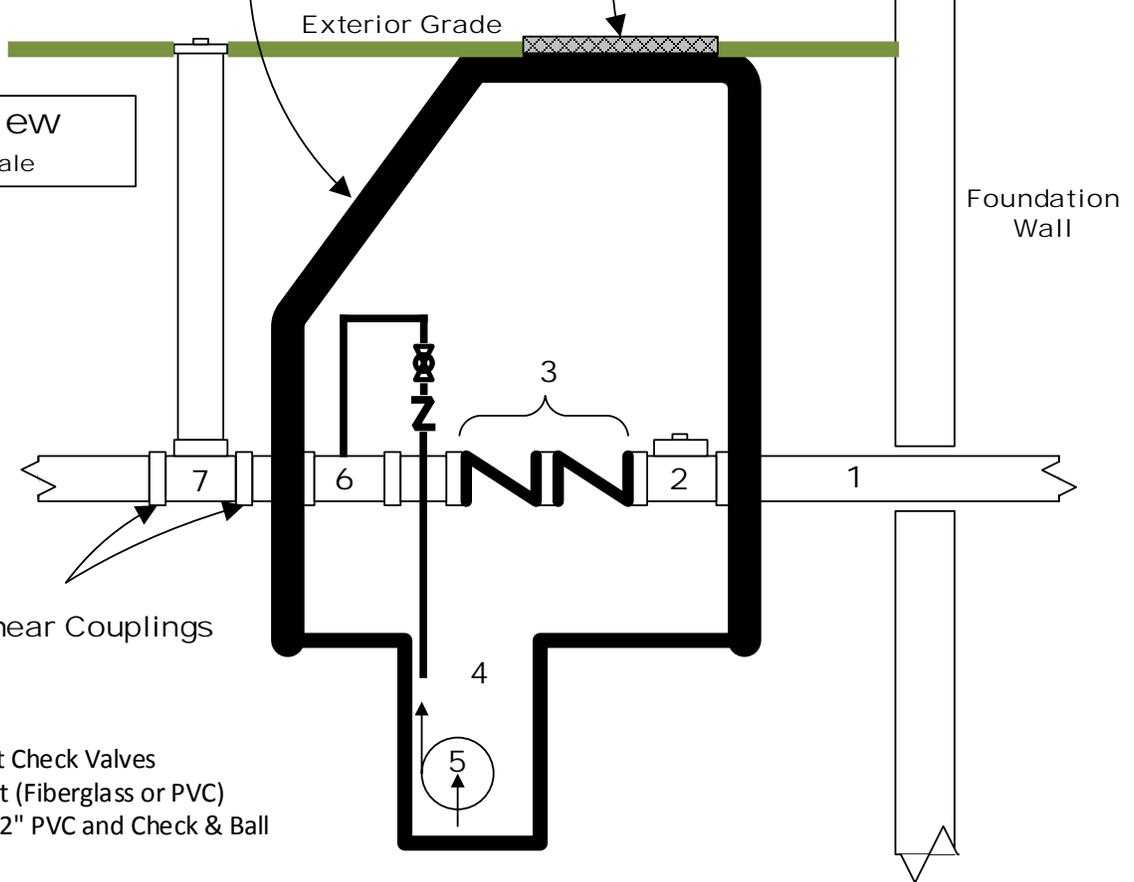
Sewer Back-Up Rebate Program  
Alternate Flood Control System

Overhead View  
Not to Scale



Direction of Flow ←

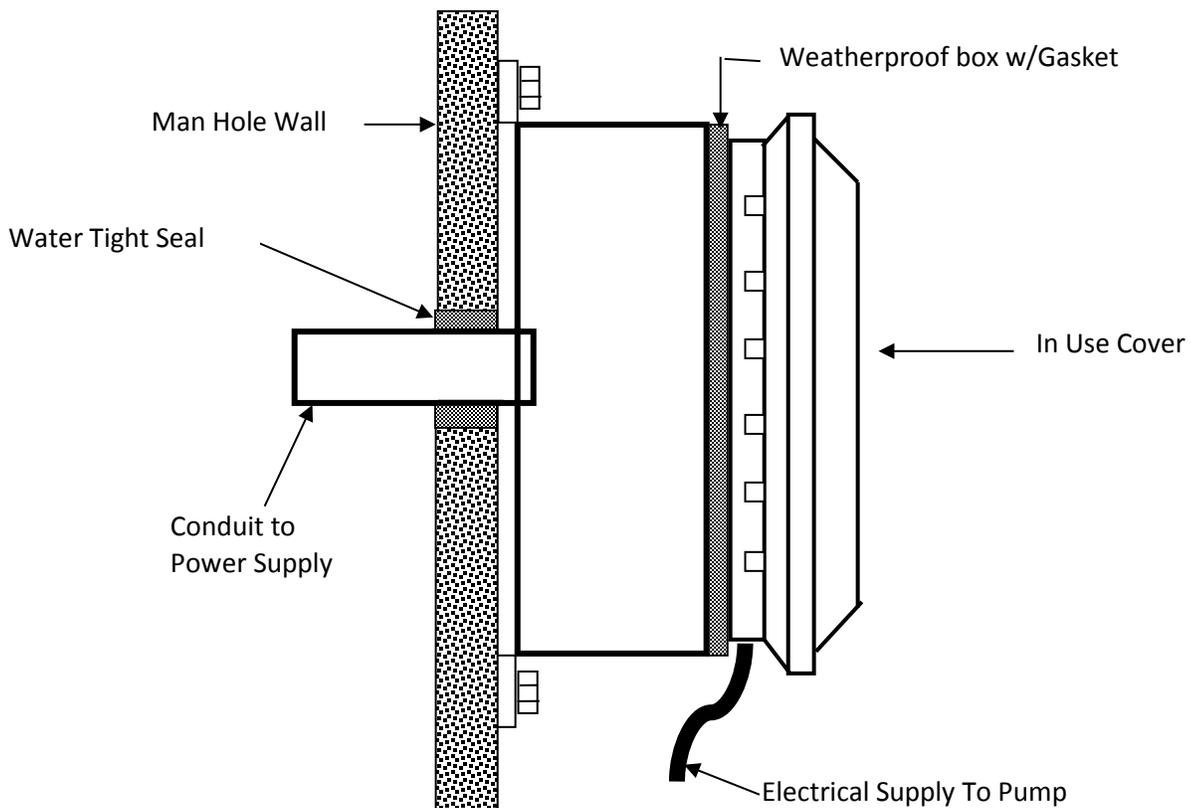
Side View  
Not to Scale



- 1. SDR 26 Pipe
- 2. Overflow Tee
- 3. Two Independent Check Valves
- 4. 24" min. Pump Pit (Fiberglass or PVC)
- 5. Ejector Pump w/ 2" PVC and Check & Ball Valve
- 6. 6" x 2" Tee
- 7. 6" x 6" Clean Out Tee

**SEWER BACK-UP REBATE PROGRAM**  
**ALTERNATE FLOOD CONTROL SYSTEM ELECTRICAL REQUIREMENTS**

1. Electrical installation shall comply with the 2005 National Electrical Code w/ local amendments.
2. A dedicated non-Ground Fault circuit breaker is required.
3. The receptacle box shall be fastened to the wall in the man hole.
4. A single receptacle with an extended in-use cover is required.
5. This rebate program only pertains to the work related to install a dedicated circuit to operate the pump. Any additional work that may be necessary to install the circuit for the pump, such as upgrading the service panel is not covered under the program and the work must be submitted for by a separate electrical permit application.



## To take advantage of the program, homeowners will need to:

1. Apply for the program and permits; obtain permits.
2. Obtain all required Village inspections during construction.
3. Request the rebate.

## APPLYING FOR THE PROGRAM AND PERMITS

### A. Prior to submitting applications to the Village, the homeowner needs to:

1. Get estimates from at least 3 contractors. Estimates shall be clearly detailed to explain that the work proposed is only direct costs for the program, and shall include manufacturer's information on all components to be utilized. If indirect costs are also quoted, they need to be done on a separate estimate (which can then be used when applying for other permits if necessary).
2. Choose a contractor and have the contractor perform an initial inspection which includes:  
Televising and video-recording to identify all underground connections to the sanitary service and the private sewer to the Village main; confirming if drain tiles are tied into the sanitary system; and identifying any other existing problems that would affect the installation of the new system. The video and written report will be submitted to the Village with the application.
3. Complete forms for submittal:
  - a. Sewer Back-up Rebate Program Application
  - b. Sewer Back-up Rebate Program Specification Sheet
  - c. Plumbing Permit Application (include copy of contractors State of Illinois Plumbing Contractor's 055 License and their Letter of Intent required by the Plumbing Code)
  - d. Electrical Permit Application (include copy of contractor's Electrical License)

### B. Submit the following to the Building & Life Safety Department:

1. Forms completed in step A. 3. above
2. Three separate contractor's estimates
3. Copy of the sewer video and written report from selected contractor

### C. Low-Income Homeowners Option

Low-income homeowners may be eligible for 0% interest, deferred loans to cover the homeowner's share of the direct costs and indirect costs. There are no monthly payments on the loans. The balance is paid in full when homeowner ceases to be the full time owner-occupant of the home (usually upon sale of the property) or under certain circumstances if the home is refinanced. Homeowners should apply to the Village's **Single Family Rehabilitation Loan Program** prior to making application to the Sewer Back-up Rebate Program. Income qualifications for the **Single Family Rehabilitation Loan Program** are shown below. Other program guidelines also apply. Contact the Planning Department at (847) 368-5200 or [planningmail@vah.com](mailto:planningmail@vah.com) for a **Single Family Rehabilitation Loan Program** application form.

Household size	1	2	3	4	5	6	7	8
Maximum annual household (adjusted gross) income*	44,250	50,600	56,900	63,200	68,300	73,350	78,400	84,450

\* Household income includes income of all members of the household who are age 18 and over, excluding non-taxable income.

## OBTAINING INSPECTIONS

The homeowner needs to assure that their contractor obtains and passes all the required permit inspections for the installation of the system and restoration of any public way (sidewalk, parkway, curb, street, or driveway apron). Inspections vary depending on project detail. The list of possible inspections include:

1. Underground plumbing. Done after plumbing piping is installed before being covered with dirt.
2. Underground electric. Done after electrical piping is installed before being covered with dirt.
3. Rough plumbing. Done after plumbing piping is installed in any walls, ceilings, or floors before they are covered.
4. Rough electric. Done after electrical piping is installed in any walls, ceilings, or floors before they are covered.
5. Final plumbing. Done after all plumbing work is complete and fully operational (including power for pumps). \*All public right-of-way restorations must be completed as well.
6. Final electric. Done after all electrical work is complete.

*\*Right-of-way work is handled differently for this program specifically. The rules for work in the public right-of-way outside of this program shall follow the Village's standard procedures. Contact the Building & Life Safety Department for details.*

## REQUESTING A REBATE

Once all inspections have passed, the owner shall submit the following to request the rebate:

1. A Sewer Back-up Program Rebate Request Application.
2. A copy of contracts from the plumbing and electrical contractors, including any addendums to the contract. Contracts must be for only work for direct costs; separate contracts must be written for other work.
3. Copies of cancelled checks or credit/debit statements made to your contractors. Payments must match up to your contracts. For security, please remove your card number from your statement.
4. A copy of your most recent tax bill or other proof of property ownership.

Upon review and approval by the Village, a refund will be processed. Allow 4-6 weeks to receive your rebate.

## General Information

1. While the alternate flood control system is allowed, you should be aware that this system requires regular maintenance and eventual replacement of parts such as the pumps and check valves. It is generally recommended to have the check valves inspected annually. There is also an increased likelihood of potential failure of this system versus the overhead sewer. While there may be a short term inconvenience and added cost in the installation of the overhead sewer system, the long-term costs, regular maintenance, and potential for failure should be carefully considered.
2. Village staff will be verifying your application and rebate request conforms to the rules of program. You may be asked for additional information if your contracts are written too vaguely or are otherwise unclear. Assuring your contracts clearly indicate that they are for the work allowed by the program helps assure timeliness of receiving your rebate.
3. Once the last inspection has been approved, please allow time for inspectors to record the inspection information in our computer system, and avoid submitting the rebate request the same day the inspections take place. This will help us assure that your rebate is processed in a timely manner.

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### SEWER BACK-UP REBATE PROGRAM APPLICATION

Name: \_\_\_\_\_

Project Address: \_\_\_\_\_  
Arlington Heights, Illinois 6000 \_\_\_\_\_

Telephone: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

The following information must be supplied with this application:

*NOTE--The permit applications may only include work specific to the Sewer Back-up Rebate Program.*

1. A detailed proposal and estimate from the plumbing and electrical contractors. If obtaining a combined work quote, the plumbing and electric work must be itemized separately.
2. Copy of sewer televising inspection.
3. Sewer Back-up Rebate Program Specification Sheet.
4. Plumbing permit application with copy of State contractor's 055 registration and letter of intent required per State of Illinois Plumbing Code.
5. Electrical permit application with copy of contractor's license.

#### STATEMENT OF DISCLOSURE

I hereby attest that I am the owner or legal agent of this property and this application and attached documents are true, accurate, and represent only direct cost work associated with this program to the best of my knowledge. Further, I agree the Village has the sole discretion to determine all monies to be reimbursed. Further, I understand that the Village shall have no present or future liability or responsibility for the system installed by this program; malfunctions, maintenance, or other problems that may occur are my sole responsibility. My signature below indicates that I accept these terms.

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Owner's Signature

Printed Name

Date



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### SEWER BACK-UP REBATE PROGRAM- REBATE REQUEST APPLICATION

Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

Arlington Heights, Illinois 6000\_\_\_\_\_

Telephone: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

This rebate request application will not be processed until all final permit inspections associated with the sewer system modification have been passed. The contracts and payments presented must be for direct costs only and must match.

The following information must be supplied with this application:

1. A copy of all contracts from the Plumbing and Electrical Contractors, including any addendums.
2. A copy of all cancelled checks and/or credit/debit statements showing payment to the contractors. For security purposes, please remove your card number from any statement copies.
3. A copy of the most recent real estate tax bill or other proof of ownership.

#### STATEMENT OF DISCLOSURE

I hereby attest that I am the owner or legal agent of this property and this application and attached documents are true, accurate, and represent only direct cost work associated with this program to the best of my knowledge. Further, I agree the Village has the sole discretion to determine all monies to be reimbursed. Further, I understand that the Village shall have no present or future liability or responsibility for the system installed by this program; malfunctions, maintenance, or other problems that may occur are my sole responsibility. My signature below indicates that I accept these terms.

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### SEWER BACK-UP REBATE PROGRAM- SPECIFICATION SHEET

NOTE: THIS SPECIFICATION SHEET SHALL CONTAIN ONLY DIRECT COST WORK SPECIFIC TO THE SEWER REBATE PROGRAM.

(Check one from each category that applies)

- |  |  |  |  |
|--|--|--|--|
| <b>WASTE &amp; VENT MATERIAL</b>       | <input type="checkbox"/> Copper                  | <input type="checkbox"/> Cast Iron                       | <input type="checkbox"/> PVC Schedule 40 |
| <b>SEWER PIPING</b>                    | <input type="checkbox"/> Cast Iron               | <input type="checkbox"/> PVC Schedule 40                 | <input type="checkbox"/> SDR 26          |
| <b>SEWER CONDITION</b>                 | <input type="checkbox"/> OK To Main              | <input type="checkbox"/> OK To Parkway                   | <input type="checkbox"/> Replacing       |
| <b>SEWER COUPLINGS</b>                 | <input type="checkbox"/> Non-Shear               | <input type="checkbox"/> Hub x Hub Adapter               |  |
| <b>CLEAN OUTS</b>                      | <input type="checkbox"/> In Driveway             | <input type="checkbox"/> In Grass                        |  |
| <b>PIPE</b>                            | <input type="checkbox"/> Through Foundation Wall | <input type="checkbox"/> No Pipe Through Foundation Wall |  |
| <b>CHECK VALVES</b>                    | <input type="checkbox"/> Cast Iron               | <input type="checkbox"/> PVC Schedule 40                 |  |
| <b>EJECTOR PIT SIZE &amp; MATERIAL</b> | <input type="checkbox"/> Cast Iron 18 x 30       | <input type="checkbox"/> Fiberglass 18 x 30              |  |
| <b>SUMP PUMP SIZE</b>                  | <input type="checkbox"/> 1/3 HP                  | <input type="checkbox"/> ½ HP                            |  |
| <b>PUMP DISCHARGE TO</b>               | <input type="checkbox"/> Rear of House           | <input type="checkbox"/> Front of House                  |  |

**SUMP PUMP TYPE:** \_\_\_\_\_

**EJECTOR PUMP TYPE:** \_\_\_\_\_

**CONCRETE STRUCTURE** Note: A 60" Diameter Required On Flood Control Systems.