

VILLAGE OF ARLINGTON HEIGHTS



Sewer Back-up Rebate Program



VILLAGE OF ARLINGTON HEIGHTS
DEPARTMENT OF BUILDING & HEALTH SERVICES
33 S. Arlington Heights Rd.
Arlington Heights, IL 60005
Phone: (847) 368-5560
Fax: (847) 368-5975
Website: www.vah.com

INTRODUCTION

The Village of Arlington Heights has established a “Sewer Back-up Rebate Program” (SBRP) to assist residents who install/installed an overhead sanitary sewer system. The SBRP provides financial assistance to residents to install overhead sanitary sewer systems.

The systems, designed to prevent sewage from backing up the sanitary sewer and coming into a house or building, modify an existing gravity system to allow the sanitary service line to leave the building at an elevation at or near the street level before dropping into the sanitary line. This system also includes a back water valve which prevents the backflow of sewage during excessive rain events. Overhead sewer systems meet the Village’s current building codes and are now required in new homes with basements.

Homeowners who currently occupy single-family homes are eligible to participate in this “SBRP” program. The SBRP is not available for Multi-family dwellings and commercial properties. Village residential property owners may be eligible for a rebate of 50%, up to a maximum of \$7,500.00, for the cost of the sanitary sewer flood mitigation/prevention system installed. The homeowner shall be responsible for the remaining costs, including but not limited to “restoration costs”, such as replacement costs for floor tile or other floor coverings, sidewalks, streets, curbs, parkway, restoration of landscaping, any drywall or paneling, and any painting that may be necessary after completion of the work.

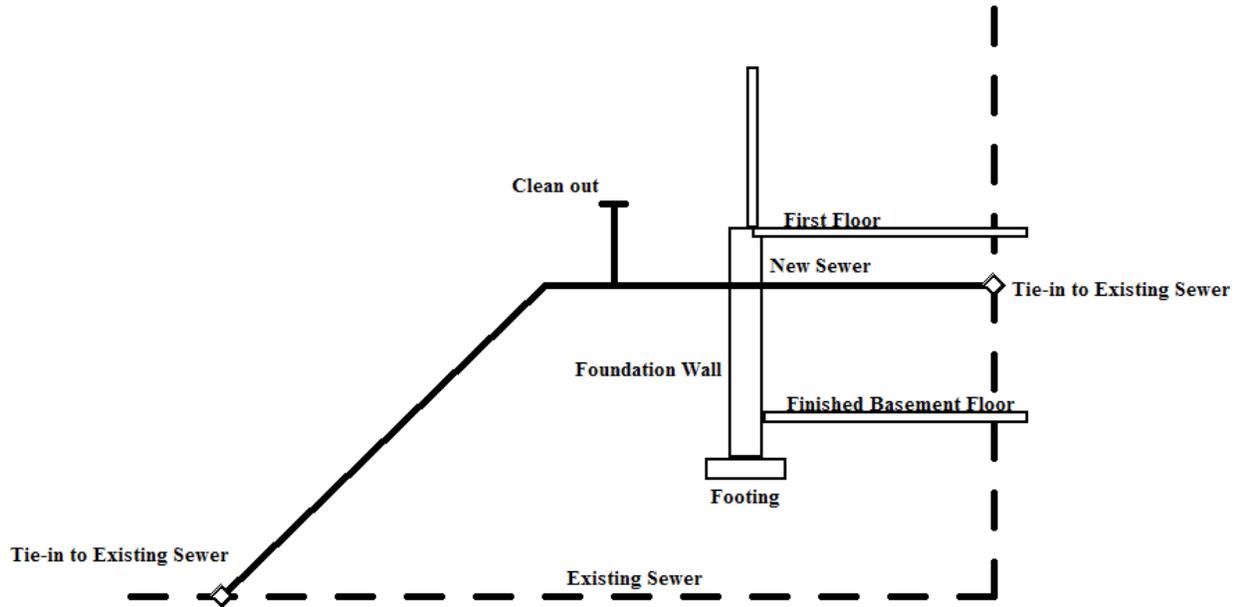
Since July 1, 2006, single-family homeowners were eligible to apply for the Village’s Sewer Back-up Rebate Program. The rebate can now be applied to any eligible project completed after July 1, 2006. Information on the program can be downloaded from the Village’s website at www.vah.com or can be picked up in the Department of Building & Health Services at Village Hall. The Department of Building & Health Services will accept applications for this program at any time during the year, and process them in the order in which they are received. Applications from the program’s participants will be accepted until the Fiscal Year funding for the program is depleted.

The SBRP was established to assist residents who use a gravity sewer and have experienced sanitary sewer back-ups in their houses. The SBRP then uses a preventive step to reduce such incidents of flooding occurrences by allowing homeowners to install an overhead sanitary sewer system in those houses built prior to when the code mandated the installation of such systems in new residential construction. It is important to note that while this program addresses sanitary sewer back-up in houses, it does not impact storm water flooding.

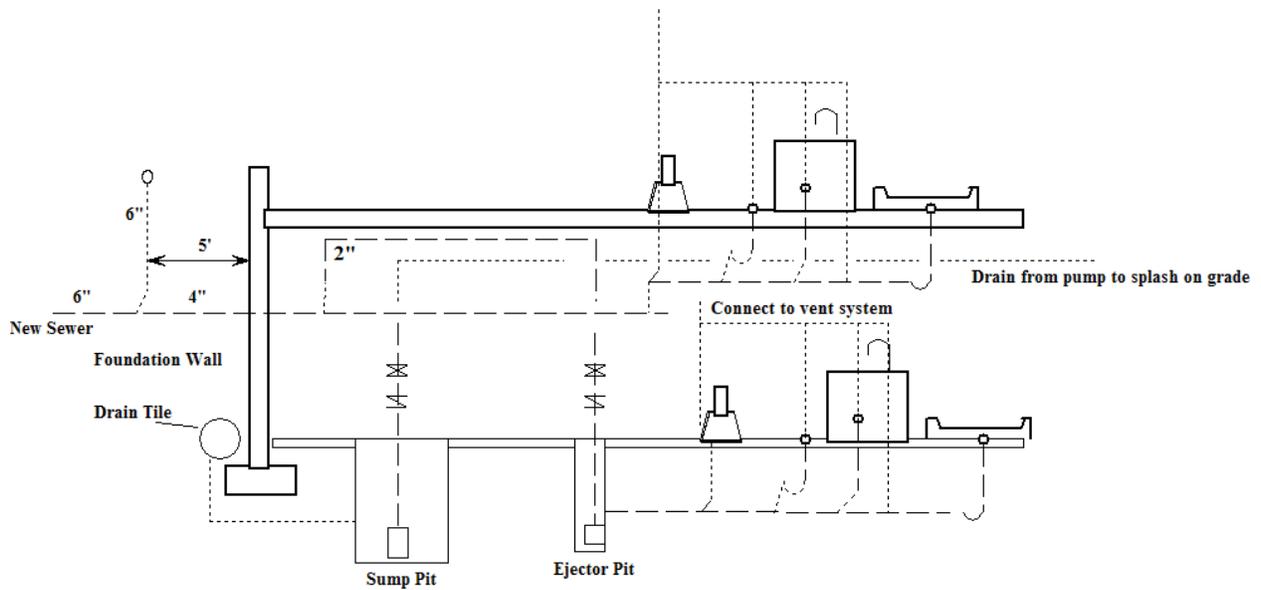
The difference in the height elevation between the discharge of the overhead sewer line and the level of the Village’s sewer main provides a margin of safety when flood conditions exist. The ejector system collects sewage from basement or sub-levels, and pumps the sewage into the overhead system. In the event of power failure, plumbing facilities (bathrooms, laundry, etc.) in lower levels should not be used.

The overhead system is illustrated below in drawings 1 and 2:

Sewer Rebate Drawing # 1



Sewer Rebate Drawing 2



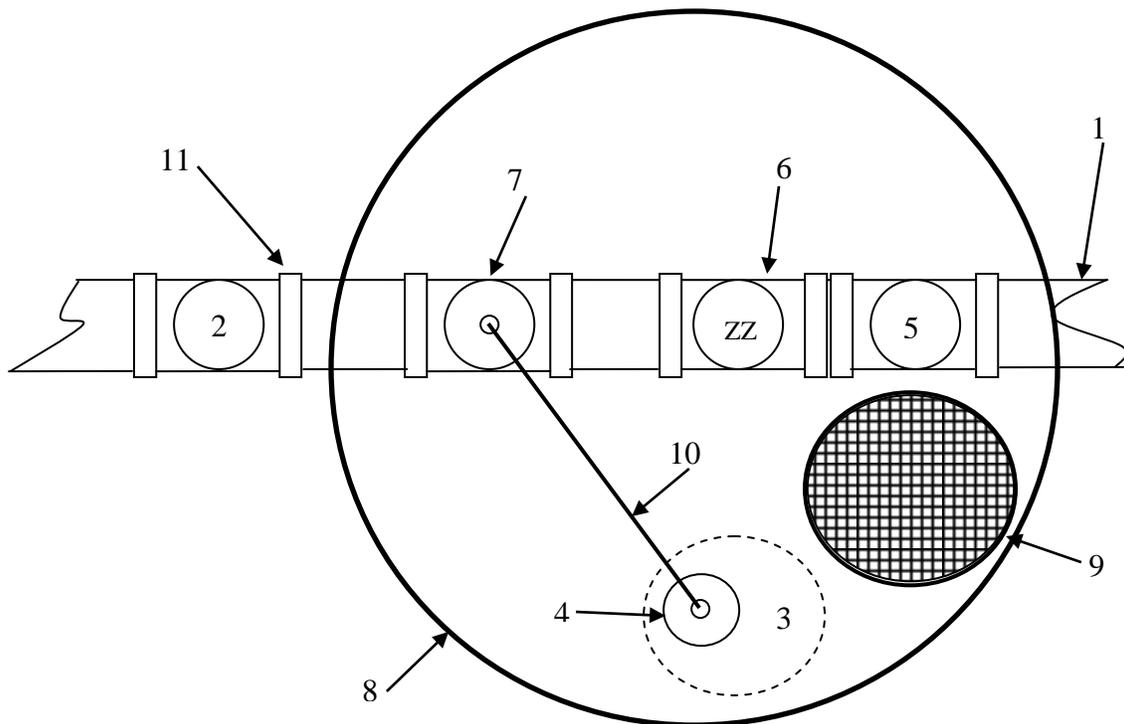
There are some instances when an overhead sewer system may not be feasible or practical in certain situations. This may be partly due to sewer elevation differences, the conditions of finished basements, and the locations of certain fixtures within homes, etc. For such cases, an alternate flood control 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. Please refer to the Drawings #3 and #4 as shown.

When sewage backs up because flood conditions in the Village's collection system, the check valve #1 (shown in Drawing #3) will close, keeping all sewage at 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 residential sanitary sewer wastewater will discharge out of the overflow pipe and into the sump pit. Once the sewage reaches a certain level in the pit, the ejector pump will be activated to discharge the sewage through the 2-inch plastic pipe to the street side of the sewer line. The check valve #3 has to be installed on this 2-inch line to prevent any sewage backflow through the pump. The flood control system is illustrated in drawings #3 and #4:

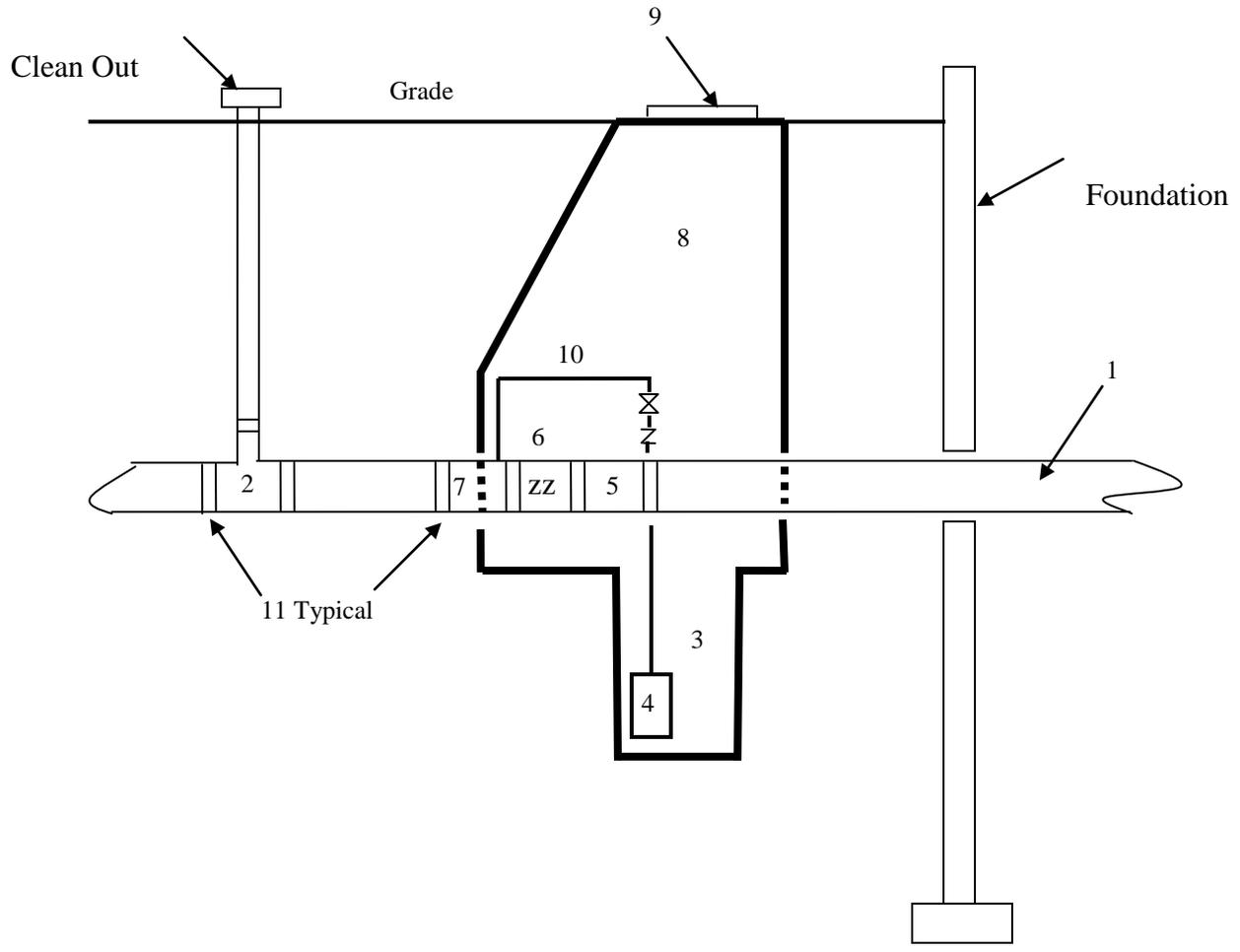
**SEWER REBATE
DRAWING #3**



- 1 = SDR 26 Pipe
- 2 = SDR 26 6x6 Tee for clean out
- 3 = Min. 24" PVC / Fiberglass Pump Pit
- 4 = Ejector Pump – Check & Ball Valve Combo
- 5 = Overflow Tee
- 6 = Double Check Valve

- 7 = 6" x 2" Tee for Ejector Sump Discharge
- 8 = 5' Concrete Pit
- 9 = Cast Iron Frame & Lid
- 10 = 2" PVC Pipe
- 11 = Non-Shear Coupling

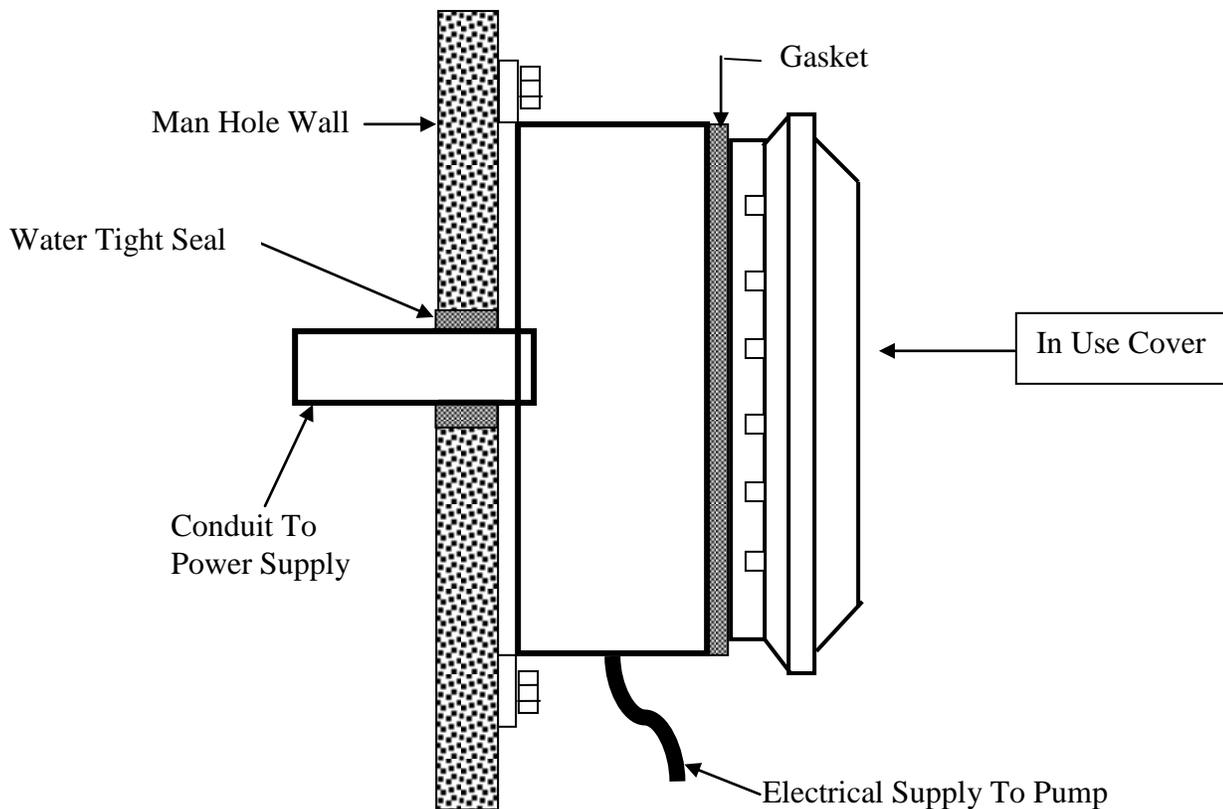
**SEWER REBATE
DRAWING # 4**



- | | |
|---|--|
| 1 = SDR 26 Pipe | 7 = 6" x 2" Tee for Ejector Sump Discharge |
| 2 = SDR 26 6x6 Tee for clean out | 8 = 5' Concrete Pit |
| 3 = Min. 24" PVC / Fiberglass Pump Pit | 9 = Cast Iron Frame & Lid |
| 4 = Ejector Pump - Check & Ball Valve Combo | 10 = 2" PVC Pipe |
| 5 = Overflow Tee | 11 = Non-Shear Coupling |
| 6 = Double Check Valve | |

ELECTRICAL REQUIREMENTS FOR OVER HEAD SEWER BACK-UP REBATE PROGRAM

1. Electrical installation shall comply with the 2005 National Electrical Code w/ local amendments.
2. A dedicated non GFCI circuit breaker is required
3. A rough installation inspection is required for all RGS conduit couplings.
4. The receptacle box shall be fastened to the wall in the man hole.
5. A single receptacle with an extended in-use cover is required.
6. This rebate program only pertains to the dedicated circuit breaker to operate the pump. Any additional work, i.e. required upgrade service or addition of a sub-panel is not covered under the rebate program.



Homeowners interested in taking advantage of this program are asked to carefully review the information about the program before applying for the SBRP. Those with questions about this program may call Lou Soest, the Village Plumbing Inspector from the Department of Building & Health Services, at 847-368-5580.

Please note that a review of the proposed improvements will be made to determine conformity with all applicable regulations and that all appropriate modifications proposed to the existing systems meet standard construction practices and building code requirements.

Attached to this packet are the “**Sewer Back-up Rebate Program Application Form**” and an **information sheet on inspections required by the Village** when installing overhead sewer systems and flood control systems. Please share this with your contractors so they are aware of these requirements.

THERE IS A THREE-PART PROCESS FOR BECOMING ELIGIBLE FOR THE SBRP:

1. To qualify for a rebate the following information must FIRST be supplied with the attached application form:

- a. A detailed proposal or estimate from the contractor or such other evidence of the project costs to be incurred. The proposal must include a written description of the work performed, including manufacturer’s information on all components utilized or to be utilized.
- b. A copy of the sewer’s televised (video-recorded) inspection.
- c. A Building Permit Application.
- d. An Electrical Permit Application with a copy of electrician’s license. (Single-circuit outlet for ejector pump)
- e. A Plumbing Permit Application with copy of state contractor’s registration, 055. (Letter of intent required per Illinois State Code.)
- f. An Initial Inspection, by your licensed contractor, of the lower level of the home, to look at the plumbing in the basement area for all the possible connections and televising (video-recording) the existing sewer service system, thereby:
 - 1) Identifying ALL connections under the concrete floor, connected to the sanitary service;
 - 2) Televising (video-recording) the service outside of the house to the Village’s sewer main including connection;
 - 3) Identify material pipe size and other problems;
 - 4) Confirm if footing tiles are tied into sanitary service.

2. Secondly, Inspections shall be required:

A verification of inspections and approval of the completed improvements is required by the Department of Building & Health Services, as well as proof of property ownership and proof of payment of the project costs by the property owner. A review of the proposed improvements, as described in the application process, is required to ensure that they conform to the program and meet standard construction practices and the building code requirements.

3. The Third part of the process is to request a refund:

Residents will be informed of the approval of the proposed improvements only after review of the submitted information. Once the homeowner has secured a contractor for the work, the contractor will be required to obtain a permit and meet with the Village's Plumbing Inspector from the Department of Building & Health Services.

APPLICATION

To keep prices reasonable and consistent, the Village's Department of Building & Health Services, 847-368-5560, maintains a list of contractors who have in time past performed the required work in the Village of Arlington Heights. In no way does the Village of Arlington Heights guarantee the work performed by the contractors on the list, but offers the list as a service to applicants desiring to participate in the SBRP. Applicants may choose a contractor from the Village's list or choose a duly licensed contractor that is not on the Village's list.

INSPECTIONS

1. Village inspection verifications required for post construction (that is, prior to concrete replacement), shall be to:

- a. Confirm if all interior plumbing has been rerouted.
- b. Confirm if sump pump has been installed and sump pump discharge has been piped to an exterior location.
- c. Confirm if ejector pump has been properly installed.
- d. Confirm if ductile iron is installed through the foundation of the home.
- e. Confirm that all public right-of-ways (i.e. sidewalk, curb, street, and parkway) if damaged during construction, were restored to original condition.

2. The following inspections are required during construction of the project:

- a. Rough sewer
- b. Rough electrical
- c. Rough plumbing
- d. Final plumbing
- e. Final electrical

3. Notes regarding Inspections:

- a. It shall be the sole responsibility of the contractor/homeowner to schedule the required inspections.
- b. Inspections are scheduled through the Department of Building & Health Services (847) 368-5560, at least twenty four hours in advance of the inspection date.

REFUND

Upon completion of the work, the following must be submitted before a reimbursement can be processed:

1. All copies of cancelled checks or credit/debit statements made to your electrical and plumbing contractors for the installation of the flood control system. Please remove card number from statement. Your contracts and your payments must match.
2. Please provide a copy of all contracts from the plumbing and electrical contractors, including initial contract, any addendums and your final contract.
3. Copy of most recent real estate tax bill or other proof of ownership of the property.

A refund check will be mailed within 4 to 6 weeks after receipt of all documents.

SEWER BACK-UP REBATE PROGRAM

ELECTRICAL CONTRACTORS

CONTRACTOR	ADDRESS	CONTACT	PHONE
Attnos Electric	922 E. Anderson Dr., Palatine, Il., 60074	Marty	847-358-6943
Dobbins Electric Inc	910 E. Stone Creek Cir, Crystal Lake, IL 60014	Thomas Dobbins	815-263-8972
All Suburban Electric	810 S. Arthur Ave., Arlington Heights, Il., 60005	Jim Eggart	847-253-7043
Prospect Electric Company	234 E. Lincoln, Mount Prospect, IL 60056	Alan Van Wetering	847-506-8900
Upgrade Electric	1045 Pauly Dr., Elk Grove Village, Il., 60007	Walter Antoszek	847-228-7266

PLUMBING CONTRACTORS

CONTRACTOR	ADDRESS	CONTACT	PHONE
AHS Plumbing		Dan Cox	847-636-2124
Bishop Plumbing , Inc.	975 Rand Rd., Des Plains, Il., 60016	Diane	847-824-1800
Capps Plumbing & Sewer	90 E. Marquardt Dr., Wheeling, IL 60090	Joe Capps	847-459-7385
Dahme Mechanical Ind., Inc.	610 S. Arthur Ave., Arlington Heights, Il., 60005	Robert LaMantia	847-253-0341
J & S Plumbing, Inc.	370 Bond St., Elk Grove Village, Il., 60007	Brian Kaz	847-690-0384
Reilly Plumbing, Inc.	16027 Cannell Rd., Rockton, Il., 61072	Suzanne Reilly	815-629-2168
Rick's Sewer And Drainage	9105 Carmel Ct., Spring Grove, IL 60081	Rick	847-635-8988
S & K Plumbing Co.	P.O. Box 6277, Buffalo Grove, Il., 60089	Susan Killian	847-821-8249
Taylor Plumbing	488 Diens Dr., Wheeling, Il., 60090	Pat Sullivan	847-279-8581
Viking Plumbing Services, LLC.	151 Drake Lane, Des Plains, Il., 60016	Thomas Moeller	847-298-1880
Welter Plumbing, Inc.	8420 N. LeHigh Ave., Morton Grove, Il., 60053	J. Welter	847-965-1883

Note:

The above list identifies the contractors who, in the past, have performed the required work in the Village of Arlington Heights. In no way does the Village of Arlington Heights guarantee the work performed by these contractors. The Village offers this list as a service to the applicants. Applicants may choose a contractor from this list or choose any properly licensed contractor of their choice.

