

**AN ORDINANCE AMENDING CHAPTERS 11, 21, 22, AND 24  
OF THE ARLINGTON HEIGHTS MUNICIPAL CODE**

WHEREAS, the State of Illinois has adopted the Illinois Plumbing Code (77 Ill. Adm. Code 890) and pursuant to Section 36 of the Illinois Plumbing License Law (225 ILCS 320/36) and Section 750.800(b) of the Illinois Plumbers Licensing Code (68 Ill. Adm. Code 750.800(b)), the State has exclusive authority to regulate plumbing in the State but permits the Illinois Department of Public Health to approve local amendments related to the design of plumbing materials and the operation and maintenance of plumbing systems; and

WHEREAS, the Village has requested approval to adopt certain amendments to the Illinois Plumbing Code and the IDPH has granted preliminary approval to such amendments; and

WHEREAS, in addition to amendments to Chapter 24 of the Arlington Heights Municipal Code to adopt the Illinois Plumbing Code with the aforementioned amendments, amendments to other chapters of the Arlington Heights Municipal Code are necessary to preserve certain non-plumbing regulations,

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION ONE: That Chapter 11 Food and Food Establishments of the Arlington Heights Municipal Code is hereby amended by moving a section from Chapter 24 Plumbing Regulations to Article IV, Additional Regulation of Restaurants as the following new section:

**Section 11-405 Outdoor Dining Facility.** A hose-bib equipped with an atmospheric backflow preventer must be provided in all outdoor dining facilities to facilitate cleaning.

SECTION TWO: That Chapter 21 Water of the Arlington Heights Municipal Code is hereby amended by moving certain sections from Chapter 24 Plumbing Regulations to Chapter 21 as follows:

- a. That the following subsections are hereby added to Section 21-110 Water Meters:

**Section 21-110 Water Meters.**

- k. **Meter Spreads.** The water meter shall be installed within one foot inside the service entrance or at another location at the written permission of the Director of Public Works. Meter spreads shall be provided with two shut-off valves, one on the service pipe side, and one on the house supply side of the meter spread. Valves shall be ball type full port up to two inches above two inch valves shall be outside stem and yoke. A drip valve shall be installed between water meter and outlet valve protected from backflow with a vacuum breaker. The size of the meter shall be prescribed by the Director of Public Works and the Plumbing Inspector.

l. **Setting of Water Meters.** The Director of Public Works, or authorized employees, shall facilitate setting and sealing of all water meters. In no case shall anyone be allowed to remove or replace any water meter without specific authorization from the Director of Public Works. Meters shall be installed in a level and horizontal configuration.

b. That the following sections are hereby added to Article II Water Service:

**Section 21-204 Tapping Water Mains.** Only persons authorized by the Director of Public Works shall be permitted to tap the street main or corporation cocks therein. All corporation cocks shall be inserted at twelve o'clock position of the street main, and in no case nearer than eighteen-inches from a joint or an existing tap. When the street main is less than five feet below curb grade, the tap shall be made in a manner to least expose the service pipe to damage by frost. All house service taps to mains shall be made under pressure using a Mueller (or equivalent) tapping and inserting machine. The service pipe shall have a right hand bend. All tapping saddles shall be corrosion resistant.

**Section 21-205 Notice to Public Works for the Installation of a Tap.** The Public Works Department shall be given at least 24 hours' notice of the date, place and time that a water tap is desired. The excavation for the tapper shall be at least three feet wide and four feet long for taps up to two inches and shall be at least four feet wide and six feet long where a cut must be made in the main. If the excavation is not of sufficient size or is not properly dug and it becomes necessary for the Village to return to the job a second time, a charge in addition to the regular tapping fee shall be made in the sum of \$250 for each successive time that the Village has to return. The excavation must be properly shored by the excavator in accordance with applicable Occupational Health and Safety Administration (OSHA) standards. The excavation shall be inspected by an authorized Village representative prior to tapping.

**Section 21-206 Curb Stop or Roadway Location.** Each water service pipe shall have a "T" handle roadway stopcock installed in the right-of-way. The line of service pipe shall be approximately at right angles to the main. Each curb stop shall be protected with a cast iron service saddle type stop box with the word "Water" cast on its cover. The stop box shall be placed plumb and square over the stopcock and leveled with the right-of-way grade. The contractor making the installation shall adjust the stop box to grade where necessary. The round way shall be supported by a concrete base having a minimum cross-section area of 64 square inches.

In new subdivisions, the general contractor or builder shall be responsible for seeing that stop boxes are kept to grade and in good condition; after their initial installation has been approved, the general contractor or builder shall be liable for the expense of replacing or repairing the stop boxes. Stop boxes shall be of the saddle type and properly blocked. Minneapolis Pattern Boxes are not acceptable.

The corporation cock (tapered thread), curb stops and all fittings for installations, and shall be of the A.Y. McDonald, Mueller line or an approved equivalent. All fittings shall be configured for flare connections. Connections to corporation cocks shall in all cases be made by persons authorized to make the taps.

**Section 21-207 Protection of Mains.** No person shall make any excavation in any street within four and one-half feet of the water main while the ground is frozen, except with the written permission of the Director of Public Works. This permission shall specify adequate provisions to protect the main from freezing, and the excavation work shall be conducted only under the conditions set forth in the permission.

**Section 21-208 Laying Service Pipe.** The copper service pipe from the corporation cock to the round way and to the water meter shall be of one continuous piece, except where fittings are required. Over 60 feet, the use of joints shall be kept to a minimum. The service pipe shall be buried in a minimum of 12 inches of sand. On completion of compaction of sand back fill, remaining back fill in trench shall be free of rocks, broken concrete, frozen chunks, construction debris or other rubble detrimental to piping.

The service pipe and all related parts and connections shall not have less than five and one-half feet of cover, measured from the finished grade to the top of the service pipe.

Water and sewer services shall be installed in separate trenches with a minimum separation of ten feet. When this separation is impractical, the Plumbing Inspector may allow a lesser separation, on the conditions as shall be required for protection of the safety of the water supply line, in accordance with applicable sections of Illinois Environmental Protection Agency (IEPA) requirements.

SECTION THREE: That Chapter 22 Sewers of the Arlington Heights Municipal Code is hereby amended by moving certain sections from Chapter 24 Plumbing Regulations to Chapter 22 as follows:

- a. That Section 22-105 Sewer Service, is hereby amended as follows:

**Section 22-105 Sewer Service.** Every building and every unit of a row house or townhouse shall have separate connections with a public or private sewer, or other permitted disposal system. Main sewer connection being tapped will be done by use of a coring machine. Core hole must be present at time of inspection. Sewer connection can be made with band saddle, stainless steel bands or rubber insert boot in accordance with manufacturer's recommendations.

- b. That the following section is hereby added to Article I General Provisions:

**Section 22-113 Property Lines.** All appurtenances to building drains and building sewers, including catch basins, manholes, clean-outs, backwater valves and fittings, shall be located within the property lines of the premises served by

such drains and sewers unless otherwise permitted specifically by the Director of Public Works and Director of Engineering.

- c. That the following section is hereby added to Article III Sewers:

**Section 22-403 Septic Tanks - Discontinuance.** When connection is made to sewer mains, as required by the provisions of Section 22-402 or under other circumstances, all septic tanks, vaults, cisterns or cesspools used on the premises shall be emptied out and the waste contents hauled away. Thereafter, the receptacles shall be filled with sand or limestone screening and shall be abandoned. The Health Department must review the site plans.

SECTION FOUR: That Chapter 24 Plumbing Regulations, of the Arlington Heights Municipal Code, is hereby amended by deleting it in its entirety and substituting in lieu thereof the following:

#### **Article I General Provisions**

**Section 24-101 Permit Fees.** No permits required under the provisions of this Chapter shall be issued until the payment of applicable fees. Permit fees shall be based on the cost of inspecting the work and shall be paid to the Finance Department. Fees for the inspection of plumbing fixtures and appurtenances, requiring supply, drainage and vent piping, installed in new buildings or in addition to existing buildings, shall be \$10 for each fixture, with a minimum fee of \$65. Fees for the inspection of fixtures replacing others, and fees for the installation of fixtures in existing buildings, shall be \$10 for each fixture. The fee for the installation of a water heater is \$25.

**Section 24-102 Issuance of Permit.** The Director of Building shall issue a plumbing permit when the applicant has complied with all the provisions of this Code and the Illinois Plumbing Code, including the payment of all permit fees.

**Section 24-103 Failure to Comply.** Any person who shall install plumbing in any building, except for minor repairs, without first having obtained a permit for doing such work shall be subject to a fine, as prescribed in the Arlington Heights Municipal Code. No plumbing or drain laying work shall be started or continued unless the person doing such work shall have on the premises a written permit and required plan stamped and approved by the Director of Building. No verbal authorization or verbal permission shall be recognized.

#### **Article II Regulations and Standards for Plumbing; Adoption of the Illinois Plumbing Code**

**Section 24-201 Plumbing Regulations.** There is hereby adopted by reference the Illinois Administrative Code, Title 77: Public Health, Chapter I: Department of Public Health, Subchapter r: Water and Sewage, Part 890 Illinois Plumbing Code, for the purpose of establishing rules and regulations for plumbing within the

Village of Arlington Heights, as now or hereafter amended, except as modified by this Chapter.

**Section 24-202 Plumbing Fixtures and Irrigation Controllers.** Pursuant to 17 Ill. Adm. Code 3730.307(c) 4 and subject to the Illinois Plumbing Code (77 Ill. Adm. Code 890) and the Lawn Irrigation Contractor and Lawn Sprinkler System Registration Code (77 Ill. Adm. Code 892), all new plumbing fixtures and irrigation controllers installed after the effective date of this Section shall bear the WaterSense label (as designed by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.

**Section 24-203** The Illinois Plumbing Code adopted by this Article is modified for use in the Village by the following amendments, which amendments are given section numbers identical to the Illinois Plumbing Code.

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**Subpart E: Interceptors – Separators and Backwater Valves.**

**Section 890.510: Grease Interceptor Requirements**

Add the following paragraph after the first paragraph in the Section, as follows:  
When a Type 1 Grease Hood is utilized in a commercial kitchen, as specified in the International Mechanical Code, an external grease trap shall be required. Minimum external grease trap size as specified in the State of Illinois Plumbing Code of 2014, Section 890, Appendix E, Subpart E, Illustration B, Typical Grease Trap.

**Section 890.510(a)(2)**

Add the following sentence:

Minimum interior grease trap size shall be 50 GPM (gallons per minute) and shall be installed with removable cover set flush with finished floor in a readily accessible area for regular maintenance and inspection. The installation of a (“50 GPM” or “properly sized”) grease trap is required in any location which contains a Type II grease hood as required in the International Mechanical Code.

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**Subpart F: Plumbing Fixtures**

**Section 890.680 Lavatories**

Add the following sentence immediately after “Lavatory” title as a first sentence of the section:

**Section 890.680 Lavatories.** Lavatories/hand sinks are required in all commercial kitchens and examining rooms used by physicians, dentists, chiropractors and other medical practitioners, as well as massage therapists, aestheticians and any other business that require direct contact with the skin.

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**Subpart I: Water Supply and Distribution**

**Section 890-1210 Design of a Building Water Distribution System**

Add subsection “1” after subsection “a” as follows:

1) Hot water systems for potable water use that exceed 50' of supply piping shall be installed with a hot water recirculation system. When a gravity system is not applicable, a pump and timer shall be installed with full port ball valves on both sides of the recirculation pump and timer.

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SECTION FIVE: The provisions of this Ordinance are severable, and the invalidity of any phrase, clause or part of this Ordinance shall not affect the validity or effectiveness of the remainder of this Ordinance.

SECTION SIX: This Ordinance repeals all ordinances or parts of ordinances in conflict with the provisions hereof, and shall be in full force and effect after its passage, approval and publication in pamphlet form, in the manner provided by law.

AYES:

NAYS:

PASSED AND APPROVED this 18<sup>th</sup> day of April, 2016.

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Village President

ATTEST:

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Village Clerk