LOCAL AMENDMENTS

2004 STATE OF ILLINOIS PLUMBING CODE

The building codes are adopted to provide a means to enforce building standards of construction and use, and are periodically updated to reflect the latest standards of life-safety and construction technology. The amendments to the building codes are adopted to modify the codes to conform to the particular physical and aesthetic conditions within the Village as well as to provide consistency between Village, State and County codes.

The 2004 State of Illinois Plumbing Code has been adopted by the Village of Glenview effective February 4, 2009. The adoption of this code included amendments which are as follows:

(1) Section 890.320.(l)(2) Joints and fittings in plastic pipe. (Delete this section in its entirety).

(2) Section 890.330.(c) Slip joints. (Delete this section in its entirety).

(3) Section 890.340.(f) Copper water tube. (Amend by adding the following). Below grade joints inside of the building envelope shall be made using silver solder only.

(4) Section 890.1131 Water conservation criteria. (Add this section).
(a) Temporary water services required for all types of construction shall be metered.
(b) Water services required tofill in-ground and above ground pools shall be metered.
(c) All new water services shall be metered. New services include but are not limited to water service in new construction of all types.
(d) Flushing of sanitary sewers with potable water shall be performed through the use of a high velocity type sewer jet.
(e) In car wash construction and replacement of fixtures, car wash installations shall be equipped with a recycling system on the car wash water unit and the rinse cycle unit.
(f) In all new construction and in all new remodeling work requiring replacement of air conditioning units only closed system air conditioning systems shall be permitted.

(5) Section 890.1200. (a). Water Service Sizing. (Amend to read as follows).
The water service pipe from the street main to the water distribution system for the building shall be of sufficient size to provide adequate flow of water to meet the requirements of the entire building at peak demand. In no case shall the water service pipe be less than one (1) inch nominal diameter. If flushometers or other devices requiring a high rate of water flow are used, the water service pipe shall be designed and installed to provide this additional need for water service. All piping used outside of the building envelope for potable water piping shall be installed underground below the maximum frost penetration of forty-two (42) inches. All water services shall be metered with the meter location in an accessible location approved by the director of inspectional services or his/her

designee. There shall be no more than five (5) feet of exposed pipe on the street side of the meter.

(6) Section 890.1200.(b). Demand load. (Amend to read as follows). The calculation of the water service demand load for a building shall be based on the total number and types of fixtures installed in the building, assuming simultaneous use. Water service size shall be determined only as follows:

Fixture	**Gallons Per Minute**
Water closets	3 each
Lavatory	2 each
Bathtub	5 each
Shower	5 each
Laundry sink	4 each
Silcock	5 each
Kitchen sink	4 each

Total Gallons per Minute	**Water Service Size**
1 to 25	1.0 inch
26 to 40	1.25 inch
41 to 50	1.50 inch
50 to 60	2.0 inch
over 60	-- as approved by the Director of Inspectional Services

Where differences occur between the provision of this section and the other sections of this code, the provisions of this section shall apply.

(7) Section 890.1310. Materials. (Amend to read as follows).
(a) General. Piping, tubing and fittings for drainage systems shall comply with the following:
(1) Service connection pipe
(A) Vitrified clay pipe – extra strength in accordance with ASTM C700
(B) Reinforced concrete pipe – circular reinforcement, minimum class 3, with epoxy lining in accordance with ASTM C76
(C) ABS composite pipe in accordance with ASTM D2680 for eight (8) inch and larger, ASTM D2751 for six (6) inch.
(D) Ductile iron pipe in accordance with ANSI A21.51 (AWWA C151), minimum thickness, class 52 per ANSI A21>51 (AWWA C150), polyethylene lined.
(2) Service connection pipe joints
(A) Vitrified clay pipe in accordance with ASTM C425 with PVC bell, ASTM D1784.
(B) Reinforced concrete pipe in accordance with ASTM C443.
(C) ABS composite pipe – Type OR in accordance with ASTM D2680

(D) Ductile iron pipe in accordance with ANSI A21.11 (AWWA C111)

(3) The material is required to be the same as the main sewer

(b) Above ground piping within buildings.

Water piping above ground shall be type l copper or galvanized iron

(c) Underground piping within buildings.

Water piping below ground or under a concrete slab shall be type K copper with minimum joints and cannot extend beyond the building envelope for a distance greater than five (5) feet.

(d) Overhead plumbing.

All new buildings and existing buildings that include new plumbing installations with basements, floors, rooms or occupancy areas below ground level as measures at the building envelope and served by a public or a private sewer system shall have overhead plumbing.

(8) Section 890.1340(b). Determination of sizes for drainage system. (Amend as follows).

(4) No portion of the drainage system installed underground or below a basement or cellar shall be less than four (4) inches in diameter.

(9) Section 890.1500. Installation of wet venting. (Amend to read as follows).

Only one (1) fixture per building or lease space may be wet vented.

(10) Section 890.1520. Stack Venting. (Delete this section in its entirety).

(11) Section 890.1520. Circuit and loop venting. (Delete this section in its entirety).

(12) Section 890.Appendix A. Table A approved building drainage/vent pipe. (Amend by deleting the following)

(1) Acrylonitrite Butadiene Styrene (ABS) Pipe
(5) Copper/Copper Alloy Tubing (DWV)
(9) Polypropylene Pipe

(13) Section 890.Appendix A. Table A Approved materials for building sewer. (Amend by deleting the following)

(1) Acrylonitrite Butadiene Styrene (ABS) Pipe
(2) Asbestos Cement Pipe
(3) Bituminized Fiber Pipe

(14) Section 890.Appendix A. Table A Approved materials for water service pipe. (Amend by deleting the following)

(1) Acrylonitrite Butadiene Styrene (ABS) Pipe
(4) Chlorinated Polyvinyl Chloride (CPVC) Pipe
(8) Poly Butylene (PB) Pipe Tubing
(9) Polyethylene (PE) Pipe
(10) Polyethylene (PE) Tubing
(11) Polyvinyl Chloride (PVC) Pipe

(15) Section 890.Appendix A. Table A Approved materials for water distribution pipe. (Amend by deleting the following).

(2) Chlorinated Polyvinyl Chloride (CPVC) Pipe/Tubing

(5) Cross Linked Polyethylene

(6) Poly Butylene (PB) Pipe/Tubing