

## CHAPTER 457

### ESTABLISHING A PLUMBING CODE FOR THE CITY OF RICHLAND CENTER

**457.01 PURPOSE.** The purpose of this Chapter is to establish regulations for the installation of plumbing as defined in Section 145.01 of the Wisconsin Statutes and the construction, connection to, or alteration of, any drain, soil or waste pipe to carry domestic sewage, storm water or industrial waste from a point three feet outside of the foundation walls of any building to the sewer lateral at the curb or other disposal terminal, including the private sewage disposal or treatment plant. This definition does not include minor repairs to faucets and the removal of stoppages in soil or waste pipes.

#### **456.02 PLUMBING INSPECTOR.**

(1) **APPOINTMENT – TERM – SALARY.** The City Council shall appoint a Plumbing Inspector. He/she shall hold office until removed by the City Council, or until his/her successor shall have been duly appointed and qualified and shall receive such salary as prescribed by the City Council.

(2) **POWER AND DUTIES.** The Plumbing Inspector shall faithfully perform all the duties imposed upon such officer by the Statutes of the State of Wisconsin, by the State Plumbing Code, as adopted by the State Board of Health, and by local regulations adopted by the City Council or Health Officer. It shall be his/her duty to see that all laws of the State of Wisconsin, all rules or regulations of the State Board of Health or the Industrial Commission and all of the ordinances and regulations of the City of Richland Center, which relate to the installation of plumbing and the laying of drains are enforced. He shall see that all construction, reconstruction or alteration of plumbing, drainage and plumbing ventilation hereafter installed in any buildings within the City shall conform to the rules and regulations laid down by the State Board of Health and by local ordinances.

The said Plumbing Inspector shall have the power and authority to enter at all reasonable times any public or private premises for the purpose of making necessary inspection and also to require of any person or persons doing plumbing or drain laying work, the production of the license or permit therefore. Any person who shall willfully resist or interfere with the exercise of these powers shall be subject to the penalty hereinafter provided.

(3) **RECORDS AND REPORTS.** The said Plumbing Inspector shall prepare suitable forms for all applications, permits and estimated herein required; he/she shall keep a proper daily record of all of the transactions of his/her office and shall file a monthly report covering the same with the City Council. He/she shall also at the end of each year prepare and present to the City Council a report showing the receipts of his/her office and a summary of the work of his/her department during the year, setting forth therein the total of permits issued, approved and rejected, the number of fixtures or installations made and rejected.

**457.03 STATE CODE TO GOVERN.** The provisions and regulations of the Wisconsin State Plumbing Code, adopted by the State Board of Health, and such additional rules and regulations as may from time to time be adopted by said State Board of Health, shall extend to and govern all plumbing, drainage and drain laying in the City of Richland Center.

**457.04 PERMITS, LICENSES AND DEPOSITS REQUIRED.** No plumbing work of any kind, except minor repairs within buildings shall hereafter be done without a permit being first issued, except as authorized under Par. 145.13(a) of the Statues of the State of Wisconsin, unless the person applying therefore shall hold a license as a Master Plumber from an authorized examining board in the State and shall have deposited in cash or a bond in the amount of one thousand (\$1,000) dollars for the purpose set forth below.

The deposit or bond shall be conditioned that the applicant will back fill within a reasonable time and maintain any street, alley or public grounds in which he makes openings or excavations during the course of his/her work for which permit or permits are issued, as directed by and to the satisfaction of the Superintendent of the Street Department, for a period of one year after initially back filling the same, and shall pay the costs of restoring the temporary and/or permanent surface of the street, alley or public grounds by the City; that is in the event that at any time the back filling of any ditches or excavations between the curb and the lot line is found defective in that future settling occurs within a period of one year after the date of the completion of the work, shall make or cause to be made, necessary repairs to curbs, sidewalks or driveways, etc., subject to the provisions of the Richland Center Code or Ordinances; that the applicant shall reimburse the City for all damages to any City utilities resulting from his/her work operations, regardless of whether such damage is done by himself, his agents, employees or subcontractors.

The indemnity bond or certificate of insurance shall be conditioned that the applicant will indemnify and save harmless the City of Richland Center, its officers and agents, against any and all claims, suits or actions of any kind, because of injuries and/or property damage resulting or arising from any negligence or the performance of any work in connection with the excavation and back fill on the part of the applicant, his/her agents, employees or subcontractors; that said applicant or his/her insurer shall notify the City of Richland Center in writing at least ten days prior to the cancellation of any certificate of insurance afforded hereunder.

**457.05 PENALTIES.** Any person who shall install plumbing in any building, except for minor repairs, without having first obtained a written permit for doing such work from the Plumbing Inspector, shall be subject to a fine of not less than twenty-five dollars (\$25.00) and not more than two hundred dollars (\$200.00). No unwritten permit shall be recognized.

**457.06 EXCAVATION IN STREETS.** All excavations in the streets for sewer and/or water connections or for any other purpose by persons other than an authorized utility or contractor working for the City or Utility, shall conform to the following requirements:

(1) Before the excavation is started, the person doing the work, shall obtain the necessary permit and shall obtain full information on all existing underground structures, pipes, conduits, etc.

(2) No excavation shall be carried on with a mechanical digger closer than two (2) feet from such piping or underground structures. The actual work of exposing the piping or structures shall be done by hand and extreme care shall be exercised by the person doing the work so as not to injure such piping or structures. Should any damage be done to such piping or structures, it will be repaired at the expense of the person or firm holding a permit to excavate in the public streets.

(3) The width of the trench shall be kept as narrow as possible and all excavated material shall be hauled away from the site and disposed of.

(4) No tunneling will be permitted under any portion of the roadway.

(5) When pipe laying has been completed in any street and has been approved by the Plumbing Inspector, all trenches shall be refilled with pea gravel or sand and gravel, to a height of not less than five (5) feet above the bottom of the water main and extending into the property line. If, however, sand and gravel are used as refill, it shall be flushed down to the satisfaction of the Plumbing Inspector. The surface of the refilled trench shall be kept slightly below the level of the street surface to allow for the placement of the surfacing material by the City.

(6) The street shall be kept barricaded and protected with flares until the City has repaired the trench upon not notice to do so from the contractor or firm doing the work.

(7) The City will make the final repairs of the excavation and restore the street surface. The expense of this work shall be borne by the person of firm holding the permit to excavate in the street.

(8) The Richland Fire Department must be notified before any street is entirely blocked.

(9) According to statute, no United States or State Highway can be blocked to the extent of more than 50 percent of the roadway at any time. Before commencing work within the right-of-way of a State or U.S. Highway, a permit for such construction shall be obtained from the State Highway Commission of Wisconsin.

**457.07 EXCAVATING IN THE STREETS IN FREEZING WEATHER.** In order to make sewer and water connections with the mains under adverse weather

conditions, which arise with the onset of freezing winter weather, and in order to assure the execution of the work in such a manner that no damage will result to said sewer and water mains and connections from freezing temperatures, all persons or firms desiring to do such work shall sign and deposit with the Plumbing Inspector an agreement drawn by the City Engineer specifying the requirements for making such connections, together with a deposit of fifty dollars (\$50.00) or a certified check for fifty dollars (\$50.00) as a guarantee that such person or firm doing such work will conform to the said requirements. If, in the opinion of the Plumbing Inspector, the work is not done according to the requirements of the agreement, the City reserves the right to take over the work and have the same completed by the Water Department. The cost of completing the work shall be paid for by the person or firm doing the work and the said deposit shall be retained by the City as a penalty upon the person or firm doing the work, for failure to carry out the terms of this agreement.

#### **457.08 SEWER SERVICE.**

(1) Premises Served. The plumbing system of each new building or residence or a new plumbing system in an existing building or residence, shall be entirely separate and independent of that of any other building or residence. Every building or residence shall have an independent connection with a public sewer when available or with a private sewer when a public sewer is not available.

(2) Combination Sewers Prohibited. No combination sewer serving any new or existing building or structure shall be installed and any such sewer shall be removed. No roof or air conditioning drain or other similar drain carrying clear water wastes shall be connected to any sanitary sewer or other than a storm sewer.

(3) Materials. The building sewer shall be constructed of either Vitrified Clay Sewer Pipe and Fittings, meeting the current A.S.T.M. Specifications for Standard or Extra Strength Clay Sewer Pipe or Extra Heavy Cast Iron Soil Pipe, meeting the current A.S.T.M. Specifications or the Department of Commerce Commercial Standards for Extra Heavy Cast Iron Soil Pipe and Fittings. If installed in filled or unstable ground, the building sewer shall be of cast iron soil pipe, except that vitrified clay pipe may be accepted if laid on a suitable improved bed or cradle as approved by the Inspector.

All joints and connections shall be made gas tight and water tight. Vitrified clay sewer pipe shall be fitted with factory made Resilient Compression Joints, meeting the A.S.T.M. "Specifications for Vitrified Clay Pipe Joints Having Resilient Properties" (Designation C-425). Before joining the pipe in the trench, the bell and spigot surfaces shall be wiped free of dirt or other foreign matter. A lubricant or sealer as recommended by the pipe manufacturer shall be applied to the bell and spigot mating surfaces just before they are joined together.

The spigot end shall be positioned into the bell end of the pipe previously laid and shall then be shoved home to compress the joint and to assure a tight fit between the interfaces.

Joints for cast iron soil pipe shall be made by inserting a roll of hemp or jute and thoroughly caulking it into place and then following with pure molten lead well caulked, not less than one inch deep. No paint, varnish or putty will be allowed in the joints until they have been tested and approved.

(4) Size. The size of sewer service laterals and house drains shall be determined by the number of fixture units tributary thereto and in no case shall any such lateral or house drain be less than four (4) inches in diameter.

(5) Slope. All drains or sewers outside of buildings, designed to receive solid substances, must have a grade or pitch of one-fourth (1/4) inch per foot or more if possible, but in no case shall a grade or pitch be less than one-eighth (1/8) inch per foot.

Building drains shall have a minimum grade or pitch of one-eighth (1/8) of an inch per foot; a grade or pitch of one-fourth (1/4) of an inch per foot is recommended where possible.

(6) Laying. All service laterals and building sewers shall be laid on solid ground and then covered to at least 1.0 feet above pipe by hand before ditch is back filled. In no case shall any blocking be placed under any service lateral or house sewer.

#### **457.09 WATER SERVICE.**

(1) Materials. The service pipe from a water main to any building shall be Type K Soft Copper water tube.

(2) Size. Three-quarter inch diameter copper water tube shall be the minimum size from a main to any building. The diameter of any branch or riser serving more than one fixture or appliance shall not be less than five-eighths (5/8) inch copper. The diameters of branches to single fixtures shall be not less than one-half (1/2) inch, except that three-eighths (3/8) inch pipe not to exceed five (5) feet in length, may be used to supply water to water closets, lavatories and similar fixtures.

Copper tubing used for interior exposed water line shall be of hard temper with wall thickness equal to or greater than Type L.

(3) Curb Cock Location. Each water service shall have a T-handle roundway curb stop cock inserted where directed by City.

Water service at the curb box shall not be laid deeper than seven (7) feet below street grade.

(4) Gooseneck Required. A large looped gooseneck shall be installed in the copper pipe adjacent to the corporation cock in such a manner as to allow for any settlement of the earth without breaking the copper water service.

(5) Approval of Valves. Nor corporation cock, curb stop cock, step box or meter shall be used unless it has been approved by the Superintendent of the Water Department. These fixtures may be purchased from the Water Department at cost.

(6) Meter spreads. A meter spread of the same size as the meter to be installed, shall be placed on the water service pipe within one foot of the inside of the front wall of the building unless permission is granted by the Superintendent of the Water Department to install it elsewhere. Meters shall be provided with two shutoff valves, one on the supply line and one on the house side of the meter spread. The size of the meter shall be prescribed by the Superintendent of the Water Department.

**457.10 FINAL INSPECTION.** When plumbing work has been completed within a building, it shall be mandatory that the Plumbing Inspector be notified so that final inspection can be made while the city water is turned on.

**457.11 PIPING FOR APPLIANCES.** Any piping for supply water to or carrying waste from any appliance being installed by an appliance dealer such as automatic washers, air conditioners, etc., shall be installed by a licensed plumber.

In no case shall any saddle be installed on any water service for use on any appliance or for any other purpose.

**457.12 GAS WATER HEATERS.**

(1) All gas water heaters shall be vented into a chimney or vented with approved Type B vent piping out through the building above the peak of the roof. If vent piping of a size smaller than the flue size of the chimney is used, such vent pipe shall have an approved type siphon hood installed to prevent back draft.

(2) All gas water heaters shall have a gas cock installed in the gas supply line servicing the heater.

(3) No rubber hose shall be used for flexible gas connections.

(4) Relief Valves – Where Required.

A Relief valves shall be provided on all water heaters and storage tanks of the closed type. The discharge pipe from the relief valve shall terminate in an open fixture of not more than ten (10) inches from the floor.

B A pressure relief valve of the diaphragm, loose-lever type, approved by the American Society of Mechanical Engineers, shall be installed on any type of hot water heater or tank, on the cold water line as close as possible or directly into the heater or tank; and a temperature relief valve of the loose-lever type, approved by the American Society of Mechanical Engineers, shall be installed on the hot water discharge pipe at a

point not over six (6) inches from the heater or tank. Pressure-temperature relief valves of the automatic reseating type are recommended. Or,

C A temperature and pressure relief valve shall be installed in the hot water line not over six (6) inches from the heater.

**457.13 FEES.** The fee for a plumbing permit shall be two Dollars (\$2.00).

**457.14 VALIDITY.** Should any section, clause or provisions of this Chapter be declared by the Courts to be invalid, the same shall not effect the validity of the Chapter as a whole or any part thereof, other than the part so declared to be invalid.

**457.15 VIOLATIONS AND PENALTIES.** Any person, firm or corporation who violates, disobeys, neglects, omits or refuses to comply with or who resists the enforcement of any of the provisions of this Chapter, shall upon conviction thereof forfeit not less than \$25.00 nor more than \$400.00 together with the costs of prosecution and any applicable penalty assessment, and in case such forfeiture, costs and assessment are not paid, such person or any officer of such firm or corporation shall, upon the order of the Circuit Court, be imprisoned in the Richland County Jail until such judgment is paid, but not to exceed 90 days. Every day of that a violation exists shall constitute a separate offense.

**457.16 CONFLICTING PROVISIONS REPEALED.** All ordinances or parts of ordinances in conflict with any of the provisions of this Chapter are hereby repealed.

**457.17 EFFECTIVE DATE.** This Chapter shall be in full force and effect from and after July 17, 1967.

(History: Ord 457)