City of St. Charles, Illinois

Ordinance No. 2010-M-48

An Ordinance Amending Chapter 15.04 "Building Code", Section 15.04.050 "Plumbing Code-Adopted-Modifications" of the St. Charles Municipal Code

Adopted by the

City Council

of the

City of St. Charles

July 19, 2010

Published in pamphlet form by authority of the City Council of the City of St. Charles, Kane and Du Page Counties, Illinois, July 23, 2010

Nancy Garrison

City Clerk

(S E A L)

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PAGE

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WHEREAS, not less than three (3) copies of the 2004 edition of the Illinois Plumbing Code published by the Illinois Department of Public Health have been and are on file in the Office of the Clerk of the City of St. Charles, Illinois for more than thirty (30) days prior to the passage and approval of this Ordinance; and

WHEREAS, the Building Official has provided notice to the Illinois Department of Public Health regarding proposed changes to regulations regarding construction related activities within the City of St. Charles, as provided by 20 ILCS 3918/55; and

WHEREAS, the City Council finds it to be in the interest of City of St. Charles to periodically update codes regulating plumbing.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of St. Charles, Kane and DuPage Counties, Illinois as follows:

SECTION ONE: That Title 15, "Buildings and Construction", Chapter 15.04 "Building Code" of the St. Charles Municipal Code be and is hereby amended by deleting Section 15.04.050 and substituting the following therefor:

"15.04.050 Plumbing Code: Adopted – Modifications

The provisions of the 2004 edition of the Illinois Plumbing Code compiled by the Illinois Department of Public Health, not less than three (3) copies of which have been and are on file in the Office of the clerk of the City of St. Charles, Illinois, for more than thirty (30) days, are hereby adopted together with the amendments listed below modifying said Illinois Plumbing Code, as the regulations governing the installation of plumbing in and around buildings within the jurisdiction of the City of St. Charles.

Amendments to the Illinois Plumbing Code – 2004 Edition.

1. Section 890.170 – Revise by deleting and substituting the following:

   "Section 890.170 "Sewer and/or Water Required." Each building which is intended for human habitation or occupancy shall have a connection to a public water system and a connection to a public sewer system. Provided, however, that if a public water or public sewer system is not available and accessible within two-hundred (200') feet of the property line of the structure to be served, as determined by the Building & Code Enforcement Division Manager, the owner may connect to a private water well constructed in accordance with the requirements of Illinois Water Well Construction

Code 77 Illinois Administrative Code 920 and the St. Charles Municipal Code, Title 13 "Public Utilities", Chapter 13.16 "Water"; and/or a private sewage disposal system constructed in accordance with the requirements of the 77 Illinois Administrative Code 905 and the St. Charles Municipal Code, Title 13 "Public Utilities", Chapter 13.12 "Sewers". All installations shall be in accordance with applicable state and local laws, ordinances, resolutions, rules and regulations and codes."

2. Section 890.520 "b) Gasoline, Oil and Flammable Liquids", revise to read:

"b) Interceptors/Separators Required.

All facilities which generate oil and/or flammable waste shall be provided with floor drains or trench drains connected to an approved gas and oil interceptor. All residential garages with floor drains shall have proper size interceptor regardless of size of garage.

Enclosed loading docks, commercial vehicle storage or repair garage and gasoline stations with grease racks or pits and all facilities that have oil and/or flammable waste shall be provided with floor drains. Floor drains provided for such areas shall be intercepted by an approved interceptor or a series of three (3) basins before discharging into the building drainage system and shall be of cast iron or equally durable materials. Each interceptor or basin shall be provided with a heavy metal cover that shall be bolted into place and made gas and water tight with a soft metal gasket. Each interceptor and, if provided with separate compartments, each compartment and basin shall be provided with a vent of not less than two (2") inches. Two or more vents may be connected to a header that shall be six (6") inches or higher than the lowest floor drain served. The vent shall extend independently to the outer air. The outlet of an interceptor or each basin shall be properly trapped. Floor drains above the level of the interceptor or basins shall connect to a stack extending independently to the outer air.

Where it is required by this Section to have interceptors/separators, individual units shall be installed and maintained as a single user system. The interconnecting of piping from one (1) building to another or from one (1) unit to another where such units are separated by an approved firewall assembly is prohibited."

3. Section 890.520 "d) General Requirements", add a paragraph 10) as follows:

"10) Where it is required by this Section to have interceptors/separators, individual units shall be installed and maintained as a single user system. The interconnecting of piping from one (1) building to another or from one (1) unit to

another where such units are separated by an approved firewall assembly is prohibited."

4. Section 890.630 "Installation", add a paragraph j) as follows:

   "j) A safe pan or an approved drainage system is required for any floor (exception of basement level) clothes washer and water heater installations and above ceiling water heater and furnace installations."

5. Section 890.1130 "d) Fire Safety Systems", add a paragraph 4) as follows:

   "4) The installation of a fire safety system involving the potable water system shall be in accordance with NFPA Standard No.13 (1975) and the potable water supply system shall be protected against backflow or back siphonage by a minimum of a double check valve assembly. If a fire department connection is part of the fire safety system; the potable water supply system must be protected by an approved backflow device."

6. Section 890.1320 "Drainage System Installation", add paragraphs p) and q) as follows:

   "p) Underground plumbing must have proper support and anchor system in order to maintain proper drainage.

   q) Compliance with the St. Charles Municipal Code, Title 13 "Public Utilities", Chapter 13.12 "Sewers", Section 13.12.201 "Overhead Sanitary Sewers" is required."

7. Section 890.1340 "Determination of Sizes for Drainage System", revise b) to read:

   "b) Minimum Size of Building Drain, Horizontal Branches, Drainage Piping

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

8. Section 890.1440 "Vent terminal size" revise a) to read:

   "a) Minimum Size of Stack Vent. Each structure in which building drains are installed shall have one (1) stack vent not less than three (3") inches in diameter. The stack vent shall be increased by one size through the roof, but in no case shall any vent be less than four (4") inches where it passes through the roof to the outside atmosphere. See Appendix A, Table H."

SECTION TWO: That after the adoption and approval hereof, this Ordinance shall be printed or published in book or pamphlet form, published by the authority of the City Council.

SECTION THREE: This Ordinance shall be in full force and effect on February 1, 2010.

Presented to the City Council of the City of St. Charles, Illinois this 19th day of July, 2010.

Passed by the City Council of the City of St. Charles, Illinois this 19th day of July, 2010.

Approved by the Mayor of the City of St. Charles, Illinois this 19th day of July, 2010.

Donald P. DeWitte, Mayor

ATTEST:

City Clerk

COUNCIL VOTE:
Ayes: 8
Nays: -
Abstain: -
Absent: 2

APPROVED AS TO FORM:

City Attorney

DATE:

State of Illinois)
) **ss.**
Counties of Kane and DuPage)

Certificate

I, NANCY GARRISON, certify that I am the duly elected and acting Municipal City Clerk of the City of St. Charles, Kane and DuPage Counties, Illinois.

I further certify that on July 19, 2010, the Corporate Authorities of such municipality passed and approved Ordinance No. 2010-M-48, entitled

> "An Ordinance Amending Chapter 15.04 "Building Code", Section 15.04.050 "Plumbing Code-Adopted-Modifications" of the St. Charles Municipal Code,"

which provided by its terms that it should be published in pamphlet form.

The pamphlet form of Ordinance No. 2010-M-48, including the Ordinance and a cover sheet thereof was prepared, and a copy of such Ordinance was posted in the municipal building, commencing on July 23, 2010, and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the municipal clerk.

DATED at St. Charles, Illinois, this 19th day of July 2010.

Nancy Garrison
Municipal Clerk

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