

ORDINANCE NO. _____

**AN ORDINANCE AMENDING THE
VILLAGE OF NORTH RIVERSIDE MUNICIPAL CODE
2004 STATE OF ILLINOIS PLUMBING CODE**

BE IT ORDAINED by President and Board of Trustees of the Village of
North Riverside, Cook County, Illinois, as follows:

SECTION 1. The Village of North Riverside hereby adopts the 2004 State of Illinois
Plumbing Code with local amendments. Chapter 15.68 (Plumbing Code) of Title 15
(Buildings and Construction) of the North Riverside Municipal Code is hereby amended
by deleting Section 15.68 in its entirety and substituting the following:

15.68.010 Adoption of 2004 State of Illinois Plumbing Code

The 2004 State of Illinois Plumbing Code, as promulgated by the Illinois Department of Public Health, is hereby adopted for the purpose of establishing rules and regulations for the materials, construction, alteration and inspection of all plumbing placed in or in connection with any building within the Village. The same is adopted in its entirety, save and except such portions as are hereinafter amended, and is, together with such amendments, incorporated as fully as if set out at length herein, and shall control in the installation and maintenance of plumbing systems within the Village. Said plumbing code, as modified and amended, may be referred to for all purposes as the "North Riverside Plumbing Code" or the "Plumbing Code". At least one copy of said Code, including such amendments to it as shall hereinafter be enacted, shall be filed in the building department.

15.68.020 State of Illinois Plumbing Code - Amendments.

The amendments to the State of Illinois Plumbing Code as referred to in this Chapter are the following:

Section 890.230 Safe Pan Material and Construction

Is amended by deleting "ABS" from the entire section.

Section 890.320 Types of Joints

(e) Flared Joints is amended as follows:

"Flared joints for soft copper water tubing shall be made with approved fittings. The tubing shall be expanded with a proper flaring tool." (See Appendix C: Illustration B)

(h) Brazed Joints is amended to read as follows:

"Brazed joints shall be made by first cleaning the surface to be joined down to the base metal, applying flux approved for such joints and for the filler metal to be used, and making the joints by heating to a temperature sufficient to melt the approved brazing filler metal on contact." (See

(k) Bituminized Fiber Pipe Joints is deleted in its entirety.

Section 890.330 Special Joints

(c) Slip Joints is amended to read as follows:

In drainage and water piping, slip joints may be used on the inlet side of the trap or in the trap seal and on the exposed fixture supply. Slip joints shall not be used in any inaccessible piping.

(f) Grooved Type Mechanical Couplings is deleted in its entirety.

(g) Plastic Pipe to Non-Plastic Pipe Joints.

1) Pressure Piping – deleted in its entirety.

Section 890.410 Traps

(e) Drum Traps is amended by adding the following: "All drum traps must be visible and assessable."

Section 890.420 is amended by adding the following condition:

6. The standpipe inlet for an automatic clothes washer shall extend a minimum of 18 inches and a maximum of 48 inches above the weir of a trap.

Section 890.660 is amended by deleting the same in its entirety and substituting in lieu thereof the following:

c) **Urinals.** Trough urinals and waterless urinals are prohibited.

Section 890.1130 c) is amended by adding the following at the end of the paragraph:

"A backflow prevention device shall be installed, in accordance with the Environmental Protection

Agency regulations, on each water service pipe/line to a business, commercial, or industrial facility unless the Director of Public Works, the Village Plumbing Inspector, or a designee, upon certification from a cross connection control device inspector, determines that the building use does not pose an actual or potential hazard to the public water supply. This requirement applies whenever there is installation of a water service pipe/line, or alteration, renovation or replacement of an existing pipe/line, and for new construction.

Section 890.1150 Water service pipe installation is amended as follows:

a) 2) When the 10 foot separation as described in no. 1 above cannot be achieved, the water service and building drain or building sewer may be installed in the same trench provided that the water service is placed on a solid shelf a minimum of 18 inches above the building drain or building sewer subject to review and approval of the code official prior to installation. For such installation, the building sewer shall be of material listed in Appendix A: Table A (Approved Building Drainage/Vent Pipe) for a building drain. (See Appendix I: Illustration F for the proper installation of water service, building drain and building sewer.)

Section 890.1150 Water Service Pipe Installation is amended as follows:

a) **Underground Water Service**

3) is amended by changing the minimum depth for any water service pipe from thirty six inches (36") to sixty inches (60").

Section 890.1190 Water Supply Control Valves and Meter is amended as follows:

a) A full-port shut-off valve shall be located near the curb or property line and immediately inside the building, both on the inlet and outlet side of the water meter. When underground, this valve must be located in a stop box or meter vault (See Appendix 1: Illustration H)

Section 890.1200 Water Service Sizing is amended as follows:

a) Water service pipe and fittings shall be at least $\frac{3}{4}$ inch diameter in existing structures and at least 1 inch diameter per the Water Department, Type K copper only.

Section 890.1320 Drainage Systems Installation is amended as follows:

a) Drain-Filled Ground. A building drain installed in filled ground shall be of cast or ductile iron.

Section 890.1420 Stack Vents, Vent Stacks, Main Vents is amended as follows:

b) Installation.

NOTE: "All fixtures and traps shall be vented individually (exceptions being for back to back fixtures)"

e) Building Sub-Drain Sump Vent Sizes. Building sub-drain sump vents shall be no smaller than two inches (2") in diameter.

Section 890.1480 Types of Fixture Trap Vents

c) Vertical Wet vent. Deleted in its entirety.

Section 890.1490 Installation of Vents for Fixture Traps is amended as follows:

c) Horizontal Branch Drains. Where a water closet discharges into a branch drain, each fixture discharging into that branch drain shall be individually vented.

Section 890.1510 Stack Venting is amended to read as follows:

One Bathroom Group. Except as provided in Section 890.1490(b), a group of fixtures, consisting of one (1) bathroom group and a kitchen sink or combination fixture, must be installed with individual fixture vents, in a one story building or on the top floor of a building, except for the water closet, which may be stack vented.

Section 890.1580 Size and Length of Vents is amended to read as follows:

b) Size of individual vents. The diameter of an individual vent shall be at least one and one-half inches ($1\frac{1}{2}$ ") and at least one-half ($\frac{1}{2}$) the diameter of the drain to which it connects, whichever is greater.

Section 890, Appendix A. Plumbing Materials, Equipment, Use Restrictions and Applicable Standards

(Appendix A/Page 3)

Table A. (Page 3) Approved Building Drainage/Vent Pipe

Is amended by deleting the following:

- 1) Acrylonitrile Butadiene Styrene (ABS) Pipe Joints Solvent Cement
- 7) Glass Fiber Borosilicate Pipe
- 9) Polypropylene Pipe
- 11) Polyvinyl Chloride (PVC) Pipe with Cellular Core
Joints
Primers
Solvent Cement

Section 890 Appendix A Table A (Page 7) - Approved materials for water service pipe Shall be amended to delete item numbers 1, 2, 7, 8, 9, 10, 11, 13.

Section 890 Appendix A Table A (Page 9) - Approved materials for water distribution pipe. Shall be amended to delete item numbers 5 and 7

Section 890 Appendix A Table A (Page 10) - Approved materials for water distribution pipe. Shall be further amended to add the following note at the end of the table:

The materials listed in item no. 3 and 4 above shall be Type L copper.

Sec. 15.68.030. - Additional standards and specifications.

- a) No flexible gas connectors on water heaters or furnaces.
- b) No plastic water supply connections to fixtures allowed.
- c) Water heaters, etc., shall have pans under them when located in living spaces, or on shelves and an overflow drain run to a suitable drain.
- d) Shower bases shall be braced with poured non-shrinking material.
- e) Fixture drains below the outside grade of the building shall drain into an ejector basin and be pumped to the building sewer overhead. Such bases shall be vented and have bolted and gasket gas tight lids.

SECTION 2. REPEALER. All ordinances or parts of ordinances in conflict

with any of the provisions of this Ordinance shall be, and the same are hereby repealed.

SECTION 3. SEVERABILITY. This Ordinance, and every provision thereof, shall be considered severable. In the event that any court of competent jurisdiction may find and declare any word, phrase, clause, sentence, paragraph, provision or section or part of a phrase, clause, sentence, paragraph, provisions or section of this Ordinance is void or unconstitutional, the remaining words, phrases, clauses, sentences, paragraphs, and provisions and parts of phrases, clauses, sentences, paragraphs, provisions and sections not ruled void or unconstitutional shall continue in full force and effect.

SECTION 4. EFFECTIVE DATE. This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

AYES:

NAYS:

ABSENT:

Kenneth Krochmal,
Village President

PASSED:

APPROVED:

PUBLISHED:

ATTEST:

Dr. Qucenella Miller
Village Clerk