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March 29, 2018

Thomas R. Poupard, AICP
Director, Department of Development & Planning Services
Village of Northbrook
1225 Cedar Lane
Northbrook, Illinois 60062

RE: IDPH Review of Plumbing Ordinance with Local Amendments – Village of Northbrook

Dear Mr. Poupard,

The Illinois Department of Public Health (“IDPH” or the “Department”) has received a certified copy of the Village of Northbrook’s (the “Village”) plumbing ordinance adopted on February 13, 2018, attached and referenced here. Pursuant to Sections 36 and 38 of the Illinois Plumbing License Law (the “Law”; 225 ILCS 320) and Section 750.800(b) of the Illinois Plumbing Licensing Code (the “Code”; 68 Ill. Adm. Code 750), units of local government should seek advisement for the adoption of a local plumbing ordinance.

As authorized by the Law and Code, the Department hereby approves the Village of Northbrook’s adoptions of the amendments relative to the following sections of the Illinois Plumbing Code (“ILPC”; 77 Ill. Adm. Code 890):

- Section 890.Table A Approved Materials and Standards
 - Approved Building Drainage/Vent Pipe
 - Approved Materials for Building Sewer
 - Approved Materials for Water Service Pipe
 - Approved Materials for Water Distribution Pipe

The amendments shall be approved until five years after the date of the adoption of the subject ordinance or until the promulgation of subsequent revisions of the amended sections of the ILPC by the Department. The Department neither approves nor disapproves of administrative language added by the Village in these sections.

If you have any further questions concerning the Village’s adoption of amendments to the Illinois Plumbing Code, please contact the Plumbing and Water Quality program at (217) 524-0791 or at dph.plumbing@illinois.gov.

Sincerely,

Brian W. Cox, P.E.
Manager, Plumbing and Water Quality Program

Ordinance 2018-8

**An Ordinance Amending the Northbrook Municipal Code
(1988), as Amended, Regarding the Illinois Plumbing Code
within the Village**

Passed by the Board of Trustees, 2/13/2018
Printed and Published 2/14/2018

Printed and Published in Pamphlet Form
by Authority of the
President and Board of Trustees
VILLAGE OF NORTHBROOK
COOK COUNTY, ILLINOIS

I hereby certify that this document
was properly published on the date
stated above.

/s/ Debra J. Ford
Village Clerk

Ordinance 2018-8

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

An Ordinance Amending the Northbrook Municipal Code (1988), as Amended, Regarding the Illinois Plumbing Code within the Village

shall be, and is hereby, adopted as follows:

Section 1. BACKGROUND.

The Illinois Plumbing License Law, 225 ILCS 320 *et seq.* (“**Act**”) authorizes the Illinois Department of Public Health (“**IDPH**”) to promulgate a minimum code of standards for the design and installation of new plumbing or plumbing systems and the alteration of plumbing systems. Section 36 of the Act requires municipalities to adopt standards for plumbing at least as stringent as those promulgated by the State. A new set of minimum standards, as set forth in Part 890 of Title 77 of the Illinois Administrative Code (77 IL Admin Code 890 *et seq.*) was adopted by the State of Illinois in the Spring of 2014 (“**Illinois Plumbing Code**”).

Chapter 6 of the Northbrook Municipal Code (1988), as amended (“**Municipal Code**”) establishes the Village’s regulations for the building and construction of any building or structure in the Village. Article IV of Chapter 6, which sets forth the Village’s regulations with regard to plumbing. Village Ordinance No. 15-57 amended Chapter 6 of the Municipal Code to adopt certain local amendments to the Illinois Plumbing Code that were approved in advance by the IDPH.

To maintain the high quality level of the built environment, and to protect the health, safety and welfare of the Village and its residents, the Village’s Architectural Control Commission and staff have recommended that the Village formally adopt further local amendments to the Illinois Plumbing Code (“**Amendments**”). The IDPH has reviewed the Amendments and determined that they constitute more stringent standards than those required by the Illinois Plumbing Code.

The President and Board of Trustees find that adoption of this Ordinance pertains to the Village's government and affairs and is in the best interest of the Village and the public, and adopt this Ordinance pursuant to the Village's home rule authority.

Section 2. AMENDMENT TO VILLAGE’S PLUMBING REGULATIONS.

Article IV, entitled “Plumbing,” of Chapter 6, entitled “Building and Construction”, of the Municipal Code, shall be, and is hereby further amended to **add language shown in bold and double underlined** and shall hereafter be and read as set forth in *Exhibit A*, attached to, and by this reference, made a part of this Ordinance.

Adopted: 2/13/2018

RESULT:	ADOPTED BY CONSENT VOTE [UNANIMOUS]
MOVER:	Bob Israel, Trustee
SECONDER:	Jason Han, Trustee
AYES:	Frum, Buehler, Ciesla, Israel, Collison, Han
ABSENT:	James Karagianis

ATTEST:

/s/ Sandra E. Frum
Village President

/s/ Debra J. Ford
Village Clerk

EXHIBIT A

AMENDMENTS TO ARTICLE IV, CHAPTER 6 OF THE MUNICIPAL CODE

[Added text **bold and double underlined**; deleted text ~~struck through~~]

ARTICLE IV. PLUMBING

Sec. 6-71. Adoption of the Illinois Plumbing Code.

The provisions of the Illinois Administrative Code Title 77, Part 890 (77 IL. Admin Code 890.00 *et seq.*) (Illinois Plumbing Code) are hereby adopted by this reference, subject only to the additions, deletions, and modifications specifically set forth in section 6-72 of this Code.

Sec. 6-72. Additions, deletions, and modifications to the Illinois Plumbing Code.

The following sections of the aforesaid Illinois Plumbing Code are hereby amended, deleted, or modified as hereinafter set forth:

1. Materials for Building Drainage/Vent Pipe

Section 890, Appendix A, Table A, Approved Materials for Building Drainage/Vent Pipe is amended by deleting the following as approved materials:

- (1) Acrylonitrile Butadiene Styrene (ABS) Pipe
- (6) DWV Copper/Copper Alloy Tubing
- (12) Polyvinyl Chloride (PVC) Pipe with Cellular Core

2. Materials for Building Sewer

A. Prohibited Materials for Sewer Pipes.

Section 890, Appendix A, Table A, Approved Materials for Building Sewer Pipe is amended by deleting the following as approved materials:

- (1) Acrylonitrile Butadiene Styrene (ABS) Pipe
- (2) Asbestos Cement Pipe
- (4) Copper/Copper Alloy Tubing
- (5) Concrete Pipe
- (8) Polyvinyl Chloride (PVC) Pipe with Cellular Core
- (9) Solder
- (10) Vitrified Clay Pipe

B. Required Material for Foundation Wall Penetrations.

Section 890, Appendix A, Table A, Approved Materials for Building Sewer Pipe is amended by adding the following after the list of approved materials and Agency Notes:

Village of Northbrook Requirement for Foundation Wall Penetrations:

Ductile iron pipe ASTM A377 shall be installed for all new sanitary and storm sewer services that penetrate the foundation wall through a sleeve to a point that the piping is being supported on approved bearing ground.

3. Materials for Water Service Pipe

A. Prohibited Materials for Water Service Pipes.

Section 890, Appendix A, Table A, Approved Materials for Water Service Pipe, is amended by deleting the following as approved materials:

- (1) Acrylonitrile Butadiene Styrene (ABS) Pipe
- (2) Brass Pipe
- (4) Chlorinated Polyvinyl Chloride (CPVC) Pipe
- (7) Galvanized Steel Pipe
- (8) Poly Butylene (PB) Pipe/Tubing
- (9) Polyethylene (PE) Pipe
- (10) Polyethylene (PE) Tubing
- (11) Polypropylene Pipe
- (12) Polyvinyl Chloride (PVC) Pipe
- (13) Stainless Steel Pipe
- (14) Welded Copper Water Tube

B. Restriction on Use of Copper Underground

Section 890, Appendix A, Table A, Approved Materials for Water Service Pipes is amended by revising Agency Note 3 to read as follows:

3. The use of Type K Copper underground is authorized; the use of Type L Copper underground is prohibited.

4. Materials for Water Distribution Pipe

Section 890, Appendix A, Table A, Approved Materials for Water Distribution Pipe is amended by deleting the following as approved materials:

- (2) Chlorinated Polyvinyl Chloride (CPVC) Pipe/Tubing
- (5) Cross Linked Polyethylene Distribution Systems **shall be prohibited, with the exception of PEX (Type A) meeting ASTM Standard F876. Fittings and Valves for use with this material shall be certified to the requirements of ASTM Standard F1960 and material, fittings and valves shall be certified to NSF/ANSI Standards 14 and 61.**
- (7) Poly Butylene (PB) Pipe/Tubing
- (9) Polyvinyl Chloride (PVC) Pipe

Sec. 6-73 WaterSense Products

Pursuant to 17 Ill. Admin 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 and replacement plumbing fixtures and irrigation controllers in the Village of Northbrook installed after the effective date of this ordinance shall bear the WaterSense label (as designed by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.

Secs. 6-74—80. Reserved.