



MINUTES

BUILDING CODE REVIEW BOARD

March 12, 2024

10:30 A.M.

DeKalb City Hall
164 E. Lincoln Highway
1st Floor Conference Room
DeKalb, Illinois

- A. Call to Order: Chairman Shepard called the meeting to order at 10:36
- B. Roll Call: following members were present: Jason Bero, Steve Doonan, Ken George, Keith O'Higgins, Lisa Sharp, Chuck Shepard. Others in attendance: Dawn Harper
- C. Approval of the Agenda: motion to approve by Ken, 2nd by Lisa - passed
- D. Approval of the Minutes:
 - From 02/27/2024 – after review of the minutes motion made to accepted as presented by Ken, 2nd by Keith - passed
- E. Public Participation: NONE
 - 3 minute limit
- F. Review of the 2021 Building Code
 - Review Plumbing Amendments – IL PC – after discussion Board accepted the proposed “Article 9 – Illinois Plumbing Code” amendment (attached). Official vote to be tallied once all code review completed.
 - Review Mechanical Amendments – IMC – after discussion Board will propose 1 amendment to the IMC 2021 along with required AHJ designation in Chapter 1 (eliminating all current amendments for 2015) Flexible air ducts should not be allowed. Official vote to be tallied once all code review is complete.

Chapter 6 Duct Systems:

603.6 Flexible air ducts and Flexible air connectors. ~~Flexible air ducts, both metallic and nonmetallic, shall comply with Sections 603.6.1, 603.6.1.1, 603.6.3 and 603.6.4.~~ Flexible air connectors, both metallic and nonmetallic, shall comply with Sections 603.6.2 through 603.6.4.

~~**603.6.1 Flexible air ducts.** Flexible air ducts, both metallic and nonmetallic, shall be tested in accordance with UL 181. Such ducts shall be listed and labeled as Class 0 or Class 1 flexible air ducts and shall be installed in accordance with Section 304.1.~~

~~**603.6.1.1 Duct length.** Flexible air ducts shall not be limited in length.~~

603.6.3 Air temperature. The design temperature of air to be conveyed in ~~flexible air ducts and~~ flexible air connectors shall be less than 250°F (121°C).

603.6.4 Flexible ~~air duct and~~ air connector clearance. Flexible ~~air ducts and~~ air connectors shall be installed with a minimum *clearance* to an *appliance* as specified in the *appliance* manufacturer's installation instructions.

G. Adjournment at 11:38 motioned by Ken, 2nd by Keith – passed.

APPROVAL OF MINUTES 3/26/2024 by BCRB

ARTICLE 9
ILLINOIS PLUMBING CODE

The following sections of the locally adopted Illinois Plumbing Code, 2014 Edition are hereby revised as follows:

890.140 Compliance with this Part. Amended as follows: Delete c); add new c)

c)Health and Safety. When a health or safety hazard exists because of an existing plumbing installation or lack of plumbing installation, the owner or his agent shall install additional plumbing or make corrections as necessary to abate the hazard or violation of this part. In the process of repairing or replacing an existing building sewer constructed of bituminized fiber pipe, (Orangeburg) when technically feasible and practical, the entire building sewer from the connection at sewer main to the building structure shall be replaced with approved material. The plumbing inspector will review all cases in which the complete removal of bituminized fiber pipe cannot be achieved and render a decision based on site restraints and or conditions that prevent such provision of this requirement.

890.1200 Water Service Sizing. Amended as follows: delete a); add new a)

a) Water Service Pipe Sizing. The water service pipe from the street main (including the tap) to the water distribution system for the building shall be sized in accordance with Appendix A, tables M, N, O, P and Q. water service pipe and fittings shall be at least one (1) inch diameter. Plastic water service pipes are prohibited. 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 flow.

Amended as follows:

4. Approved Materials for Water Service Pipe.

1) Brass Pipe	ASTM B 43-2009
2) Cast Iron (ductile iron) Water Pipe	ASTM A 377-2008e1
3) Copper / Copper Alloy Pipe (Type K only)	ASTM B 42-2010 ASTM B 302-2012
4) Copper / Copper Alloy Tubing (Type K only)	ASTM B 88-2009

890.1210 Design of a Building Water Supply Distribution System. Amended as follows: Add j).

j) All new family dwellings shall have provisions made for soft water hookup, shall have (3) valves for bypass, except for outside lawn hydrants, sillcocks, and cold water to the kitchen sink. Connections and provisions shall be made for a properly sized and vented trap within (5) feet of water softener. Bypass connections for future use shall be capped. Exceptions must be requested in writing to the Chief Building Official and will be granted only after an inspection has been done.