

**MINUTES**  
**BOARD OF APPEALS**  
City of Cape Girardeau  
P.O. Box 617  
Cape Girardeau, Missouri 63702-0617  
April 14, 2011

The Board of Appeals met on Thursday, April 14, 2011 at 7:00 p.m., in the Council Chambers, City Hall, at 401 Independence Street.

Members Present: Dave Pfeiffer, Joe Burton, Paul Grebe, Melanie Cantrell, Tony Sebek and Farris Nabors

Members Absent: Dave Alberson, Mike Annis (alternate) and Tom Phillips (alternate).

The meeting was called to order at 7:00 p.m. by Vice-Chairman Joe Burton and the roll was called.

Motion was made by Tony Sebek to accept the minutes from the March 10, 2011 meeting; Farris Nabors seconded the motion. The motion passed 6-0 in favor.

### **Discussion of 2009 International Plumbing Code.**

Vice-Chairman Joe Burton opened the discussion of the 2009 International Plumbing Code; Senior Code Inspector Mike Conrad is present to discuss the Plumbing Code with the board. Amendments presented by Mike; Sections 101.1, 102.2, 103.2, 106.6 (2), 106.6 (3), 109.1 and 109.2 will remain as presently adopted. Section 305.6 add and amend "Freezing" to read. "A water, soil, or water pipe shall not be installed outside of a building, or concealed in outside walls or in any place subject to freezing temperatures, unless adequate provision is made to protect such pipe from freezing by insulation or heat or both. Water service piping shall be installed below recorded frost penetration but not less than twenty-four (24) inches below grade." Section 305.6 (1) shall be amended to read "Sewer depth" to read. "Building sewer lines shall be a minimum of thirty-six (36) inches below grade if PVC or clay material and a minimum of six (6) inches below grade if of cast iron, ductile iron or concrete encased material."

Amend Section 608.16 (2) to read "Connection to boilers" "The potable supply to the boiler shall be protected by an air gap or a reduced pressure principle backflow preventor complying with ASSE 1013, CSA CAN/CSA B64.4 or AWWA C511. Where conditioning chemicals are introduced into the system, the potable water connection shall be protected by an air gap or a reduced pressure principle backflow preventor complying with ASSE 1013, CSA CAN/CSA B64.4 or AWWA C511. Mike asked the Section 608.16 (5) about Connections to lawn irrigation systems be amended to read: The potable water supply to a lawn irrigation system shall be protected against backflow by a reduced pressure principle backflow preventor. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventor. Mike asked the board to add a new Section to 703 Building Sewer, the new Section will be 703.6 Minimum size of building sewer. "The gravity building sewer shall not be less than four (4) inches (76 mm) in size. This will pertain to the sewer inside the building connected to the main. In an apartment building the architect or engineer will have to design to the fixture units. Amend the code to add Section 710.3 Underground drainage piping. "Any portion of the drainage system installed underground or below a basement or cellar shall not be less than two (2) inches (51mm) in diameter." Amend Section 904.1 to read: All open vent pipes that extend through a roof shall be terminated at least six (6) inches above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall run at least 7 feet (214 mm) above the roof.

### **Discussion of 2009 International Mechanical Code.**

Mike Conrad, Code Inspector presented the changes to the board for the 2009 International Mechanical Code. Amendments presented by Mike has not changed from the 2003 review, the Sections are 101.1, 103.1, 103.2, 106.5.2, 106.5.3, 108.4, 109.0 and will remain as presently adopted. Section 305.4 was eliminated in the 2003 International Mechanical Code; this is pipe spacing for boiler systems and not for gas piping. After discussion between the Code Inspector and the Board this section will remain in the Code.

### **Discussion of 2009 International Fuel Gas Code.**

Mike Conrad, Code Inspector presented the changes to the board for the 2009 International Fuel Gas Code. Amendments presented by Mike for Sections 101.1, 103.1, 103.2; 106.6.2, 108.4 and 109 are administrative changes.

Tables 402.4 (6), 402.4 (7), 402.4 (8) 402.4 (9), 402.4 (10), 402.4 (11), 402.4 (12), Semi rigid copper, 402.4 (27), 402.4 (28) and 402.4 (29) Mike as requested from the board these tables be deleted. He said the copper lines are too soft for the sulphur in the natural gas; the acceptable gas line is steel. In Section 403.4.3 the reference to copper, Mike asked this be deleted from the code. Section 403.5 "Metallic tubing, should be amended to read Copper tubing is not to be used as gas line". Section 403.5.2 Copper tubing should be deleted. Section 403.10.4 (3) Metallic fittings and Section 406.4 Test pressure measurement should be deleted in their entirety. Amend Section 406.4.1 Test pressure to read: "A low-pressure air gauge maybe substituted upon approval of the code official, in which case a pressure of twenty (20) pounds shall be sustained by the piping for twenty (20) minutes." Mike suggested to the board Section 406.4.2 be deleted in its entirety.

The board opened discussion about an added code to the back of the 2009 International Plumbing Code. The added code is the 2009 International Private Sewage Disposal Code. This code in the City of Cape Girardeau is handled by the Cape Girardeau County Health Department. This code was not adopted in the 2003 review of the codes. This section or code of the Plumbing Code book would have to be adopted separately.

Board member Tony Sebek opened discussion about the adoption process of the 2009 International Building Codes; the board still has questions about the 2009 International Energy Conservation Code and the Wildland-Urban Interface Code. Tony feels these two codes should be reviewed by the board again.

Tony Sebek made a motion to nullify the previous recommendation at the March 10<sup>th</sup>, 2011 meeting of not approving the codes unto the end of the review process. Dave Pfeiffer seconded the motion. The motion passed 6-0 in favor.

Dave Pfeiffer made a motion to approve the 2009 International Plumbing Code, 2009 International Mechanical Code, 2009 International Fuel Gas Code and the amendments for each code presented by Mike Conrad, Code Inspector. Joe Burton seconded the motion. The motion passed 6-0 in favor.

### **Other Business**

Timothy Morgan, Director of Inspection Services informed the board about the Informational Meeting which will be held on May 9, 2011 at the Osage Community Center. Informational meeting will be open to discuss the 2011 International Residential Codes or any of the other Codes the board is reviewing. The Cape Girardeau Fire Department will be present to discuss the requirements of the sprinkler systems in the Residential Code.

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Being there was no other business at this time; a motion was made to adjourn. The meeting adjourned at 7:48 p.m. The next meeting of the Board of Appeals is scheduled for May 12, 2011.

Respectfully Submitted,

Farris Nabors  
Secretary