



City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

Proposed Amendments to the 2012 International Building Code Section 105.2

Submitted by: Phoenix Planning & Development Department Code Committee

[A] 105.2 Work exempt from permit.

Exemptions from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other codes, laws or ordinances of the city of Phoenix. *Permits* shall not be required for the following:

Building:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the aggregate floor area is not greater than 200 square feet (18.58 m²).

Reasons:

Aggregate was an added amendment to clarify multiple structures, without required separations, to be considered as one structure not exceeding 200 sf. The term has caused confusion by implying that all accessory structures on a property, even with proper separations, could not have a total combined area greater than 200 sf. The removal of the term aggregate brings the provision back to the original base code language.

Cost Impact:

Specific exemptions save the customer time and money if a permit is not required.

ACTION TAKEN:

2012 Code Committee

Approved as submitted Modified and approved Denied Date: 11/20/13
 No action taken

Development Advisory Board Technical Subcommittee

Approved as submitted Modified and approved Denied Date: 11/21/13
 No action taken

Development Advisory Board

Approved as submitted Modified and approved Denied Date: 1/16/14
 No action taken

Council Subcommittee

Approved as submitted Modified and approved Denied Date: 2/18/14
 No action taken

City Council Action

Approved as submitted Modified and approved Denied Date: 2/26/14
 No action taken



City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

Proposed Amendments to the 2012 International Building Code Section 119

Submitted by: Phoenix Planning & Development and Journeyman Exam Committee

SECTION 119 JOURNEYMAN AND APPRENTICE LICENSES

119.2 Definitions. For purposes of this section, terms are defined as follows:

JOURNEYMAN LICENSE is the authority to perform or observe work requiring certain skills as identified in this section and is issued by the *building official* upon successful completion of an examination administered by the City of Phoenix.

LICENSED JOURNEYMAN is a person skilled in an area of work covered by this section with sufficient work experience to pass the Journeyman Test administered by the City of Phoenix or approved testing agency, and is capable of performing work covered by their Journeyman License and supervising the work of Apprentices covered by this section.

APPRENTICE is a person learning a skill and working in an area of work covered by this section and working under the direct supervision of a Licensed Journeyman or State of Arizona Licensed Contractor.

119.5 Application for licenses. Applicants shall submit either verification of experience (Journeyman) or notarized letter of request (Apprentice) with appropriate fees and application forms supplied by the Planning & Development Department. Applicants for Journeyman licenses shall schedule a test date subsequent to their application being accepted, or provide evidence that they have passed an approved third-party Journeyman license exam.

119.7 Examinations.

119.7.1 Frequency of examinations. ~~The Planning & Development Department~~ Approved third-party agencies shall hold examinations no less frequently than once every three months, in a suitable place, and for each classification for which there are applications on file. Examinations shall be held more frequently when necessary. The Planning & Development Department may also hold examinations when necessary.

Reasons:

The Journeyman Exam Committee has worked with the International Code Council (ICC), and local representatives of the Piping Industry Progress and Education Trust Fund (P.I.P.E.), Plumbing, Heating and Cooling Contractors (PHCC), and the Arizona Sheet Metal Joint Apprenticeship Training Committee to develop exams that can be offered and proctored by these organizations. This will increase flexibility for trade workers, allowing them to choose from multiple sites and test dates and times. The committee proposes changing the above three code sections to accommodate this change in testing procedure.

Cost Impact: The city's cost of administering an exam will be reduced. The cost to the applicant may increase slightly based on third-party testing charges; however, the increased flexibility in testing times will allow applicants to take the exam without missing a day of work (generally unpaid in the construction industry).

ACTION TAKEN:

2012 Code Committee	Date: 11/20/13
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	

Development Advisory Board Technical Subcommittee	Date: 11/21/13
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	

Development Advisory Board	Date: 1/16/14
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Council Subcommittee	Date: 2/18/14
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	

City Council Action	Date: 2/26/14
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	



CODE ADOPTION PROPOSAL

Proposed Amendment to 2012 International Building Code Section 706.1.1

Submitted by: Phoenix Planning and Development Code Committee

706.1.1 Party Walls. Any wall located on a lot line between adjacent buildings, which is used or adapted for joint service between two buildings, shall be constructed as a fire wall in accordance with Section 706. Party walls shall be constructed without openings and shall create separate buildings.

Exception: Openings in a party wall separating an anchor building and a mall shall be in accordance with Section 402.7.3.1.

Reasons:

This section was originally amended out of the Phoenix Building Construction Code based on past practice. This code section will provide better service by not requiring an agreement between separate owners through a code modification.

This section distinguishes party walls from other fire walls in that it is on the property line and serves to separate buildings usually owned by two separate parties. When two separate structures are built up to the property line, the designer has the option of using two separate exterior walls with zero FSD or a party wall. Since there is a real property line involved, the prohibition for openings between the two buildings is important and even utilities cannot penetrate the party wall.

Cost Impact: Reduces cost - no code modification fee.

ACTION TAKEN:

2012 Code Committee	Date: 11/20/13
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
Development Advisory Board Technical Subcommittee	Date: 11/21/13
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
Development Advisory Board	Date: 1/16/14
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
Council Subcommittee	Date: 2/18/14
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
City Council Action	Date: 2/26/14
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	



BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

Proposed Amendments to the 2012 International Residential Code
Sections R313.1 & R313.2

Submitted by: Phoenix Planning & Development Department Code Committee

SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS

R313.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in townhouses.

Exception: An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed, unless required by the Bret Tarver Sprinkler Ordinance Section 903.2 903.1 of the Phoenix Fire Code.

R313.1.1 Design and installation. Automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with Section P2904.

R313.2 One- and two-family detached dwellings automatic fire systems. An automatic residential fire sprinkler system shall be installed in detached one- and two-family dwellings as required by Detached one-family dwellings shall comply with the Bret Tarver Sprinkler Ordinance Section 903.2 903.1 of the Phoenix Fire Code.

Exception: An automatic residential fire sprinkler system shall not be required for installed in additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system unless as required by the Bret Tarver Sprinkler Ordinance Section 903.2 903.1 of the Phoenix Fire Code.

R313.2.1 Design and installation. Automatic residential fire sprinkler systems shall be designed and installed in accordance with Section P2904 or NFPA 13D.

Reasons:

In accordance with Arizona Revised Statutes Title 9, Chapter 7, Article 1, Section 9-807, municipalities shall not adopt an ordinance that prohibits a person from choosing not to install fire sprinklers in a single family detached residence or any residential building that contains not more than two dwelling units. This section does not apply to any ordinance requiring sprinklers adopted prior to December 31, 2009, so the existing Bret Tarver Sprinkler Ordinance can remain in effect.

Cost Impact: There will be an added cost to the homebuilder when the scope of the project requires fire sprinklers.

ACTION TAKEN:

2012 Code Committee

[X] Approved as submitted [] Modified and approved [] Denied [] No action taken Date: 1/15/14

Development Advisory Board Technical Subcommittee

[X] Approved as submitted [] Modified and approved [] Denied [] No action taken Date: 1/16/14

Development Advisory Board

[X] Approved as submitted [] Modified and approved [] Denied [] No action taken Date: 1/16/14

Council Subcommittee

[X] Approved as submitted [] Modified and approved [] Denied [] No action taken Date: 2/18/14

City Council Action

[X] Approved as submitted [] Modified and approved [] Denied [] No action taken Date: 2/26/14



CODE CHANGE PROPOSAL

Proposed Amendments to the 2012 Uniform Plumbing Code Air Admittance Valves, Section 912.0

Submitted by: Phoenix Planning and Development Code Committee

912.0 Air Admittance Valves

912.1 General. Vent systems shall be allowed to be served by approved air admittance valves. Stack-type air admittance valves shall be in conformance with ASSE 1050 and individual and branch-type air admittance valves shall be in conformance with ASSE 1051.

912.2 Installation. The valves shall be installed in accordance with the requirements of this section and the manufacturer's installation instructions. Air admittance valves shall be installed after the drain, waste and vent testing required by Sections 712.2 or 712.3 has been approved by the administrative authority.

912.3 Where permitted. Individual and branch vents shall be permitted to terminate with a connection to an individual or branch-type air admittance valve in accordance with Section 912.3.1. *Stack vents* and vent *stacks* shall be permitted to terminate to stack-type air admittance valves in accordance with Section 912.3.2.

912.3.1 Horizontal branches. Individual and branch-type air admittance valves shall vent only fixtures that are on the same floor level and connect to a horizontal branch drain. Where the horizontal *branch* is located more than four branch intervals from the top of the stack, the horizontal *branch* shall be provided with a relief vent that shall connect to a vent stack or stack vent, or extend outdoors to the open air. The relief vent shall connect to the horizontal *branch* drain between the stack and the most downstream fixture drain connected to the horizontal *branch* drain. The relief vent shall be sized in accordance with Section 904.1 and installed in accordance with Section 905. The relief vent shall be permitted to serve as the vent for other fixtures.

912.3.2 Stack. Stack-type air admittance valves shall be prohibited from serving as the vent terminal for vent stacks or stack vents that serve drainage *stacks* having more than six *branch intervals*.

912.4 Location. Individual and branch-type air admittance valves shall be located a minimum of 4 inches (102 mm) above the *horizontal branch drain* or *fixture drain* being vented. Stack-type air admittance valves shall be located not less than 6 inches (152 mm) above the *flood level rim* of the highest fixture being vented. The air admittance valve shall be located within the maximum *developed length* permitted for the vent. The air admittance valve shall be installed not less than 6 inches (152 mm) above insulation materials.

912.5 Access and ventilation. Access shall be provided to all air admittance valves for the purpose of maintenance or replacement. The valve shall be located within a ventilated space that allows air to enter the valve.

912.6 Size. The air admittance valve shall be rated in accordance with the standard for the size of the vent to which the valve is connected.

912.7 Vent required. Within each plumbing system, not less than one *stack vent* or vent *stack* shall extend outdoors to the open air.

912.8 Prohibited installations. Air admittance valves shall not be installed in non-neutralized special waste systems as described in Chapter 8 except where such valves are in compliance with ASSE 1049, are constructed of materials approved in accordance with Section 811.2 and are tested for chemical resistance in accordance with ASTM F 1412. Air admittance valves shall not be located in spaces utilized

as supply or return air plenums. Air admittance valves without an engineered design shall not be utilized to vent sumps or tanks of any type.

Reasons: Air admittance valves are currently allowed in the 2012 International Plumbing Code Section 918.0 and were previously allowed in the Arizona State Plumbing Code, Arizona Administrative Code, Title 4, Chapter 48. This amendment is designed to align the acceptance of air admittance valves with the other adopted plumbing code.

Cost Impact: Cost savings from reducing the number of plumbing vent pipes serving a building.

ACTION TAKEN:

2012 Code Committee Date: 11/20/13
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Development Advisory Board Technical Subcommittee Date: 11/21/13
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Development Advisory Board Date: 1/16/14
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Council Subcommittee Date: 2/18/14
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