



Pursuant to A.R.S. § 38-431.02, notice is hereby given to the members of the Tucson-Pima County Joint Building Code Committee and the general public that the Committee will hold the following meeting which will be open to the public:

## Tucson-Pima County Joint Consolidated Code Committee

Rick Bright  
Bright Designs

Ken Cawthorne  
KC Mechanical Engineering

Bob Dinius  
Qualified Mechanical

Fred Knapp  
Core Construction

John Kostyo  
Gilbert Electric

John Shorbe  
Shorbe Construction

Brent Woods  
Woods Structural

Ex-officio members

Ron Boose  
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### AGENDA

**CITY CENTRAL I.T. BUILDING,  
481 W PASEO REDONDO, PUEBLO ROOM  
Wednesday, May 16, 2012, 3:00 p.m. – 5:00 p.m.**

1. Call to Order, Roll Call, Acknowledgement of Staff and Guests
2. Review and approval of minutes
3. Revisit & recommend action regarding prior recommendation for approval of the International Plumbing Code local amendment for replacement water heaters (IPC section 504.6.1)
4. Discuss major changes and review/recommend action on proposed amendments for the International Building Code
5. Items for Next Meeting
6. Adjournment

NOTE: Under the state open meeting laws, no topics other than those listed above may be addressed or acted upon at this meeting.

Proposed amendments to be discussed are attached below this agenda

NOTICE: If you require an accommodation or materials in accessible format or require a foreign language interpreter or materials in a language other than English for this event, call Betsy Cottle Administrative Assistant, Planning and Development Services Department (520) 837-4903, or email at [Betsy.Cottle@tucsonaz.gov](mailto:Betsy.Cottle@tucsonaz.gov) at least five business days in advance.

Notificación de Audiencia Pública de el Comité Ciudadano del Código de Letrados. Si usted requiere estos materiales en un formato accesible o requiere un intérprete de idioma extranjero o el material en una lengua además del inglés para este evento, llame a Betsy Cottle, Departamento de Planificación y Servicios de Desarrollo al número (520) 837-4903, [Betsy.Cottle@tucsonaz.gov](mailto:Betsy.Cottle@tucsonaz.gov) al menos cinco días de antemano.



Proposed amendments to the:  
**2012 International Building Code**  
(Technical provisions only)

**Section 202 Definitions: Swimming Pool.** REVISE section by DELETING the fragment “24 inches (610 mm)” and REPLACING it with “18 inches”.

**Section 308.3 Group I-1.** REVISE section by DELETING the number “16” and REPLACING with “10”.

**Section 308.3.2 Six to sixteen persons receiving care.** REVISE section by DELETING the numbers “sixteen” and “16” and REPLACING them with “ten” and “10” respectively.

**Section 310.6 Residential Group R-4.** REVISE section by DELETING the number “16” and REPLACING it with “10”.

ADD new section 1609.5.1.1 to read:

**Section 1609.5.1.1 Uplift resistance to minimize microburst effects.** In addition to requirements in ASCE 7, minimum uplift resistance shall be determined by either method 1 or 2 below:

**1. Design-based wind uplift criteria**

Wind uplift requirements shall be determined by using the design wind value of 110 mph within Table 2308.10.1 for the continuous load path transmitting the uplift forces from the rafter or truss ties to the foundation.

**2. Prescriptive-based wind uplift criteria**

(Please note that the requirements of this section are in addition to those required for the structural connection of wood members).

**2.1. Conventionally-framed wood or cold-formed steel structures**

All bearing wall vertical connections shall be clipped with either approved structural sheathing or approved clips to provide a continuous load path from the joist or truss through the ledger or top plate to the bottom wall plate. Where clips are used, they shall be minimum Simpson H2.5 (A34 at ledger), or equivalent load capacity, of configuration to match connection and spaced at intervals not to exceed 24". At openings, lower cripple studs do not require clipping but king/trimmer studs require double clips at bottom and upper cripples require both full clipping to header as well as header to king stud. All platform framing requires either strapping listed for the purpose or continuous sheathing over rim joist from stud to stud vertically at each floor level. All non-bearing exterior walls shall be clipped as above except that the spacing may be extended not to exceed every other stud.

**2.2. Masonry or concrete structures**

If lateral design requires larger anchors or more conservative spacing, these may be used in lieu of those called out in this section.

**2.2.1. Roof bearing on wall top plate**

Top plates shall be secured to masonry or concrete walls with minimum 0.5" anchor bolts embedded minimum 7" and spaced at intervals not to exceed 48". Each joist or truss shall be clipped to plate at bearing with minimum Simpson H2.5 or equivalent load capacity and of configuration to match connection. Gable end joists or trusses shall also be clipped at intervals not to exceed 48".

### **2.2.2. Roof bearing on wall ledger**

Joists or trusses both parallel or perpendicular to a wall ledger shall be secured to masonry or concrete walls with minimum Simpson PAI23 purlin anchors or equal with equivalent load capacity listed for the application and embedded into wall per listing at intervals not to exceed 48".

### **2.3. Structural steel structures**

Structural steel buildings shall have roof members attached by either welds, bolt or other similarly approved connections at intervals not to exceed 48". Ledger designs shall connect to roof trusses with strapping listed for the purpose at intervals not to exceed 48" on all diaphragm sides. If lateral design requires larger anchors or more conservative spacing, these may be used in lieu of those called out in this section.

**Section 1612.3 Establishment of flood hazard areas.** Insert:[name of jurisdiction] as "The Flood Insurance Study for the Unincorporated Areas of Pima County, Arizona"; and insert:[date of issuance] as "February 15, 1983." (City to enter its data)

**Section 1907.1 General.** REVISE section by ADDING the following after the first sentence in exception 5: In the absence of a geotechnical report, vapor barriers are not required provided a minimum 4 inch aggregate base course is installed beneath the on-grade slab.

**Section 2308.10.1 Wind uplift.** REVISE section by DELETING first sentence and REPLACING with the following:  
Uplift resistance shall comply with section 1609.5.1.1.

**Section 3109 Swimming pool enclosures and safety devices.** DELETE section and subsections and REPLACE with: Arizona Administrative Code, Title 18, Chapter 5, Article 2. Public and Semipublic Swimming Pools and Spas as well as A.R.S. §36-1681 is hereby adopted by reference and subject to the requirements of this code.

**Section 3412.2 Applicability.** Insert: [July 1, 1974 for areas within 2.5 miles of City of Tucson incorporation limits and within 2.5 miles of freeways. June 20, 1989: County-wide]. (City to enter its data)