

March 12, 2014

TO: Members of the MAG Building Codes Committee

FROM: Mary Dickson, El Mirage, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, **March 19, 2014** - 2:00 pm
MAG Office, Second Floor, Ironwood Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Building Codes Committee (BCC) has been scheduled for the time and place noted above. Members of the MAG Building Codes Committee may attend in person, by videoconference or by telephone conference call. Those attending by telephone conference call must make arrangements with Merry Holmgren at MAG at (602) 254-6300 at least one day prior to the meeting.

If you drive to the meeting, please park in the garage under the building and bring your ticket to the meeting; parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Scott Wilken at the MAG office. Requests should be made as early as possible to allow time to arrange for accommodation.

Please be advised that under procedures approved by the MAG Regional Council on June 26, 1996, all MAG committees must have a quorum to conduct business. A quorum is a simple majority of the membership, or 12 people for the MAG Building Codes Committee. If you are unable to attend the meeting, please send a proxy from your jurisdiction or agency to represent you.

If you have any questions or require additional information, please contact Scott Wilken at (602) 254-6300 or swilken@azmag.gov.

TENTATIVE AGENDA
MAG Building Codes Committee Meeting
March 19, 2014

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| 1. <u>Call to Order</u> | 2. For information. |
| 2. <u>Introductions</u> | 3. Review and approve the minutes of the October 16, 2013 meeting. |
| 3. <u>October 16, 2013 Meeting Minutes</u> | 4. For information and discussion. |
| 4. <u>Call to the Audience</u>

Members of the public may request to speak on items that fall under the jurisdiction of the MAG Building Codes Committee (BCC) and are not scheduled on the agenda; or, on items on the agenda for discussion but not for action. A total of 15 minutes will be provided for the Call to the Audience, with a limit of three minutes per speaker, unless the Chair requests an exception to this limit. Those requesting to comment on action agenda items may be provided an opportunity to do so at the time the agenda item is heard. | 5. For information and discussion. |
| 5. <u>Comments From the Committee</u>

An opportunity will be provided for Building Codes Committee members to present a brief summary of current events. The Building Codes Committee is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed in accordance with the Arizona Open Meeting Law. | 6. For information and discussion. |
| 6. <u>Legislative Update</u>

An update will be provided on legislative issues of interest. | 7. For information and discussion. |
| 7. <u>MAG Building Inspectors/Plans Examiners Forum Discussion</u>

A discussion of the role, format, and duties of the MAG Building Inspectors/Plans Examiners Forum. | |

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| 8. <u>Solar Ready II Update</u>

An update on the Solar Ready II project will be provided. | 8. For information and discussion. |
| 9. <u>Updated MAG Building Codes Committee Membership</u>

We are requesting that Committee members review Attachment One , Committee Roster, sent with this agenda. Please forward any changes to Scott Wilken prior to the meeting or provide them at the meeting. | 9. For information and discussion. |
| 10. <u>Update Survey of Code Adoption</u>

Attachment Two identifies the codes that member agencies have adopted. Please review this information and provide any updates to Scott Wilken. | 10. For information and discussion. |
| 11. <u>Topics for Future Agendas</u>

Potential topics for the next meeting will be discussed. Please share any items of discussion or presentations that you would be interested in hearing about at future meetings.

The next meeting is scheduled for Wednesday April 16, 2014 at 2:00 p.m. in the MAG Ironwood Room. | 11. For information and discussion. |
| 12. <u>Adjournment</u> | 12. |

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
BUILDING CODES COMMITTEE

October 16, 2013

Maricopa Association of Governments Office
302 N. 1st Ave
Chaparral Room
Phoenix, AZ

COMMITTEE MEMBERS

*Mary Dickson, El Mirage, Chair
Larry Taylor, Gilbert, Vice Chair
Randal Westacott, Avondale
Phil Marcotte, Buckeye
*Mike Tibbett, Carefree
*Mike Baxley, Cave Creek
A-Martin Perez, Chandler
*Jason Field, Fountain Hills
Tom Paradise, Glendale
Ed Kulik, Goodyear
*Chuck Ransom, Litchfield Park
*Tom Ewers, Maricopa County

John Sheffer for Steven Hether, Mesa
*Bob Lee, Paradise Valley
A-Dennis Chase, Peoria
*Julie Belyeu, Phoenix
*Michael Williams, Queen Creek
Dustin Schroff for Michael Clack, Scottsdale
A-Roger Vermillion, Tempe
*Israel Diaz for Dale Crandell, Tolleson
Kevin Bruce, Wickenburg
*Gregory Arrington, Youngtown
Jackson Moll, Home Builders Association
A-Sharon Bonesteel, Salt River Project

OTHERS IN ATTENDANCE

Scott Wilken, MAG
Merry Holmgren, MAG
Shannon Acevedo, MAG
Michelle de Blasi, AEC

Chris Daley, AEC
Charlie Gohman, FSL
Jud Jensen, Energy Inspectors
Thomas Cochran, Energy Inspectors

*Those members neither present nor
represented by proxy.

A-Those members participating via
audioconference

1. Call to Order

Larry Taylor, Vice Chair, called to order the October 16, 2013 meeting of the MAG Building Codes Committee (BCC) at 2:00 p.m.

2. Introductions

Voting members Martin Perez, Dennis Chase, Israel Diaz, and Roger Vermillion attended via telephone conference call. All members and guests introduced themselves.

3. September 18, 2013 Meeting Minutes

Randal Westacott made a motion to approve the September 18, 2013 minutes. Kevin Bruce seconded the motion, and the motion passed unanimously.

4. Call to the Audience

There were no comments from the audience.

5. Comments From the Committee

Randal Westacott said that the AZBO Fall Educational Institute will be held from October 28 to November 1. He said there will be a dinner event on October 30th which will feature the Vice Mayor of Scottsdale and the Mayor of Paradise Valley speaking on the building industry.

6. Arizona Energy Consortium

Chris Daley gave a presentation on the Arizona Energy Consortium (AEC). He said that the AEC is a committee of the Arizona Technology Council. He said that they are not focused on one energy sector, supporting all forms of energy production. He said that they have a number of energy-related initiatives around the state, including an initiative to increase awareness of energy efficiency. He introduced Charlie Gohman to discuss the initiative.

Charlie Gohman said he is managing the Arizona Home Performance with Energy Star program, which is part of a federal program by the Department of Energy and Environmental Protection Agency. He described the program as a way to put the Energy Star label on contractors. He said the goal of the program is to increase the percentage of home remodels that were done by energy certified contractors or done with a plan to include energy efficient measures.

Chris Daley discussed a flyer the group has put together to raise awareness of the programs and of energy efficiency measures that are available to homeowners. He said that they would like to get the flyer distributed at the local government offices for the public.

Randal Westacott asked about the Energy Dashboard referenced in the materials. Charlie Gohman said that it's a meter that is connected to the electrical meter, which shows how much energy is being used in real time. Randal Westacott asked if it shows total usage only, or if it shows individual appliances. Charlie Gohman said that there are some that are for total usage only, and some more sophisticated units that can show the effect of different appliances.

Tom Paradise asked if the devices can work with smart-wired homes. Charlie Gohman said that they could probably be configured to work with appliances that include smart chips or newer thermostats that can communicate their energy usage.

Chris Daley asked if a version of the flyer would be useful to local governments and how they could meet with the appropriate people at the local jurisdictions. Randal Westacott asked, if the cities provide the flyer at their Building counters, and they get questions about the information in the flyer, can the cities direct those questions to the AEC or if it should be someone else. Charlie Gohman said that they could answer questions, especially if it was dealing with a remodel.

Randal Westacott asked if AEC maintains a list of certified contractors. Charlie Gohman said that the Home Performance with Energy Star program maintains a list of participating contractors who have met the requirements. Dennis Chase asked what it takes to get included on the list, and if any contractors are ever removed from the list. Charlie Gohman said that the list requires good standing at the Registrar of Contractors, a B or better rating at the Better Business Bureau, Building Performance Institute certification. He said that contractors who do not meet the expectations are removed on a fairly regular basis. Tom Paradise asked if the Home Performance group does training for contractors. Charlie Gohman said that they don't conduct training, but expects contractors to have the skills and knowledge to perform as required to be listed by their group. He said that there are groups that do training for this type of work. Tom Paradise asked what the certification required is called. Charlie Gohman said it's by the Building Performance Institute. He said it is similar to Resnet, only for retrofits. He said there are national standards on retrofit work that have to be followed by the contractors.

7. AZBO Draft Amendments to the 2012 International Building Code

Randal Westacott discussed the assisted care facility regulations in the proposed amendment package. He explained what had been changed since the document was discussed at the last meeting. John Sheffer said that the changes would address his concerns with some small text changes. Ed Kulik made a motion to recommend approval of the amendment package. Randal Westacott seconded the motion and the motion passed unanimously.

Scott Wilken said that the amendment package would be reviewed by the MAG Management Committee at their next meeting, followed by the MAG Regional Council, who would likely vote to make the package a MAG-recommended standard. Randal Westacott asked to clarify that this will be just a recommendation by MAG, and not a mandate. Scott Wilken said that this will be option of each member agency whether or not they want to adopt these amendments.

8. Updated MAG Building Codes Committee Membership

There were no updates.

9. Updated Survey of Code Adoption

There were no updates.

10. Topics for Future Agendas

Scott Wilken said that MAG will be taking part in a project as part of the second phase of the US Department of Energy Solar Ready grant. He said more information will be presented to the committee at future meetings.

Sharon Bonesteel said she was at the Atlantic City code hearings. She said that there was a code change for solar-ready houses, which was approved to go into the appendix of the 2015 IECC.

John Sheffer asked to clarify the text changes that would go to the amendment package from Item 6. He said that “home” needs to change to “center” and change “except” to “but does not include” the first time both terms appear in 310.6.

11. Adjournment

Ed Kulik made a motion to adjourn. Phil Marcotte seconded the motion and the motion passed unanimously. The meeting was adjourned at 2:50 pm.

MAG BUILDING CODES COMMITTEE MEMBERSHIP AS OF
3/12/2014

Voting Members				
Name	Representing	Telephone #	Fax #	E-mail Address
Mary Dickson (Chair)	El Mirage	623-876-2932	623-876-4607	mdickson@cityofelmirage.org
Larry Taylor (Vice Chair)	Gilbert	480-503-6958	480-497-4923	larry.taylor@gilbertaz.gov
Brett Harris	Avondale	623-333-4026	623-333-0400	bharris@avondale.org
Phil Marcotte	Buckeye	623-349-6200	623-349-6221	pmarcotte@buckeyeaz.gov
Mike Tibbett	Carefree	480-488-1471	480-488-3845	mike@carefree.org
Mike Baxley	Cave Creek	480-488-6637	480-488-2263	mbaxley@cavecreek.org
Martin Perez	Chandler	480-782-3109	480-782-3110	martin.perez@chandleraz.gov
Jason Field	Fountain Hills	480-816-5127	480-837-3145	jfield@fh.az.gov
Tom Paradise	Glendale	623-930-3143	623-915-2695	tparadise@glendaleaz.com
Ed Kulik	Goodyear	623-882-7932	623-882-7114	ekulik@goodyearaz.gov
Chuck Ransom	Litchfield Park	623-935-1066	623-535-9754	cransom@litchfield-park.org
Tom Ewers	Maricopa County	602-506-7145	602-506-3282	tomewers@mail.maricopa.gov
Steven Hether	Mesa	480-644-2039	480-644-4900	steve.hether@mesaaz.gov
Bob Lee	Paradise Valley	480-348-3631	480-951-3751	rlee@paradisvalleyaz.gov
Dennis Chase	Peoria	623-773-8420	623-773-7233	dennis.chase@peoriaaz.gov
<i>No current appointment</i>	Phoenix			
Michael Williams	Queen Creek	480-358-3009	480-358-3001	michael.williams@queencreek.org
Michael Clack	Scottsdale	480-312-7629	480-312-9029	mclack@scottsdaleaz.gov
Brigham Bennett	Surprise	623-222-3056	623-222-3002	brigham.bennett@surpriseaz.gov
Roger Vermillion	Tempe	480-350-8071	480-350-8677	roger_vermillion@tempe.gov
Dale Crandell	Tolleson	623-936-7111	623-936-7117	dcrandell@tollesonaz.org
Kevin Bruce	Wickenburg	928-684-5451 x513	602-506-1580	kbruce@wickenburgaz.org
Gregory Arrington	Youngtown	623-933-8286	623-209-3026	garrington@youngtownaz.org
Non-Voting Members				
Name	Representing	Telephone #	Fax #	E-mail Address
Jackson Moll	Home Builders Assn.	602-274-6545	480-556-5478	mollj@hbaca.org
Sharon Bonesteel	Salt River Project	602-236-4498	602-236-2791	sharon.bonesteel@srpnet.com
Jim Ricker	Town of Guadalupe	480-505-5380	480-730-3097	jim@guadalupeaz.org
Alfonso Rodriguez	Fort McDowell Yavapai Nation	480-789-7740	480-789-7798	arodriguez@ftmcdowell.org
Michael McMillan	Brown and Associates	480-991-3751	480-596-5065	mac@brown-and-associates.net
Dennis Dixon (T)	Apache Junction	480-671-5156	480-982-7010	dennisdixon@ajcity.net
Scott Wilken	MAG	602-254-6300	602-452-5098	swilken@azmag.gov

(T) Temporary

Survey of Code Adoption

ATT Two

Jurisdiction	Building	Mechanical	Plumbing	Electric	Residential	Fire	Energy	Existing Building	Fuel Gas	Property Maintenance	Green Construction	Notes	URL	Effective Date	Anticipated Effective Date for 2009 or 2012 ICC Codes
Apache Junction	2006 IBC	2006 IMC	1994 UPC	2005 NEC	2006 IRC	2006 IFC							Apache Junction		
Avondale	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2003 IFC	2012 IECC		2012 IFGC				Avondale	7/3/2013	
Buckeye	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2006 IFC	2006 IECC		2006 IFGC				Buckeye		No plans to adopt 2009 codes.
Carefree	2003 IBC	2003 IMC	1994 UPC	2002 NEC	2003 IRC	2003 IFC							Carefree	7/1/2006	Not going to adopt, staying with 2003.
Cave Creek	2009 IBC	2009 IMC	2009 IPC	2008 NEC	2009 IRC	2009 IFC	2009 IECC	2009 IEBC	2009 IFGC				Cave Creek	1/1/2012	
Chandler	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2012 IFC	2012 IECC	2012 IEBC	2012 IFGC				Chandler	8/1/2013	
El Mirage	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2012 IFC	2012 IECC	2012 IEBC	2012 IFGC		2012 IGCC (optional)		El Mirage	7/1/2013	
Fountain Hills	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2012 IFC	2006 IECC		2012 IFGC			2012 Uniform Swimming Pool, Spa, and Hot Tub Code	Fountain Hills	11/21/2013	
Gila Bend	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2006 IFC							Gila Bend		
Gila River	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2003 IFC							Gila River		
Gilbert	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2006 IFC	2006 IECC		2006 IFGC			ADAAG per state requirements	Gilbert	1/1/2008	No plans to adopt 2009 codes.
Glendale	2012 IBC	2012 IMC	2012 IPC 2012 UPC	2011 NEC	2012 IRC	2009 IFC	2012 IECC	2012 IEBC	2012 IFGC			With city amendments.	Glendale	12/1/2012	
Goodyear	2006 IBC	2006 IMC	1994 UPC	2005 NEC	2006 IRC	2006 IFC	2006 IECC					Adopted 5-14-2007.	Goodyear		
Guadalupe	1997 UBC	1997 UMC	1994 UPC	1999 NEC	1997 UBC	1997 UFC							Guadalupe		
Litchfield Park	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2003 IFC	2006 IECC		2006 IFGC				Litchfield Park	7/1/2008	
Maricopa County	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC		2012 IECC (optional)	2012 IEBC	2012 IFGC		2012 IGCC (optional)		Maricopa County	1/1/2014	Adopted 8/7/13
Mesa	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2006 IFC	2009 IECC	2006 IEBC	2006 IFGC				Mesa		
Paradise Valley	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2012 IFC	2012 IECC		2012 IFGC				Paradise Valley	1/1/2013	
Peoria	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2006 IFC	2012 IECC		2012 IFGC				Peoria	5/1/2013	
Phoenix	2012 IBC	2012 IMC	2012 IPC 2012 UPC	2011 NEC	2012 IRC	2012 IFC	2012 IECC	2012 IEBC	2012 IFGC		2012 IGCC		Phoenix	7/1/2013	
Queen Creek	2006 IBC	2006 IMC	2006 UPC	2005 NEC	2006 IRC	2006 IFC	2006 IECC	2006 IEBC					Queen Creek	8/7/2008	No plans to adopt 2009 codes.
Salt River	2003 IBC	2003 IMC	2003 UPC	2002 NEC	2003 IRC	2003 IFC							Salt River		
Scottsdale	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2012 IFC	2012 IECC	2012 IEBC	2012 IFGC	2012 IPMC	2012 IGCC		Scottsdale	1/7/2013	
Surprise	2006 IBC	2006 IMC	2006 IPC	2006 IEC 2005 NEC	2006 IRC	2006 IFC	2006 IECC	2006 IEBC	2006 IFGC				Surprise	1/1/2014	
Tempe	2009 IBC	2009 IMC	2009 IPC	2008 NEC	2009 IRC	2006 IFC	2009 IECC	2009 IEBC	2009 IFGC				Tempe		
Tolleson	2006 IBC	2006 IMC	2006 IPC	2006 IEC 2005 NEC	2006 IRC	2006 IFC	2006 IECC		2006 IFGC	2006 IPMC			Tolleson	7/1/2007	Discussing adopting 2012 codes 1/2014
Wickenburg	2006 IBC	2006 IMC	2006 IPC	2005 NEC	2006 IRC	2003 IFC	2006 IECC	2006 IEBC	2006 IFGC				Wickenburg		No plans to adopt 2009 codes.
Youngtown	2012 IBC	2012 IMC	2012 IPC	2011 NEC	2012 IRC	2012 IFC		2012 IEBC	2012 IFGC	2012 IPMC			Youngtown	1/1/2014	

This is intended to be used as a guide for the selected codes, as to what member agencies have adopted or intend to adopt.

Last updated November 6, 2013 by Scott Wilken, MAG

Source: MAG Building Codes Committee Members