

February 13, 2013

TO: Members of the MAG Building Codes Committee

FROM: Michael Williams, Tempe, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Wednesday, **February 20, 2013** - 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 Steve Gross 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
February 20, 2013

- | | |
|--|--|
| 1. <u>Call to Order</u> | 2. For information. |
| 2. <u>Introductions</u> | 3. Review and approve the minutes of the January 16, 2013 meeting. |
| 3. <u>January 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>Solar City</u> Solar City has a new installation system for solar equipment that will soon be used. Representatives from Solar City will present details about this new system so that local jurisdictions will be prepared to review building plans and inspect solar installations in the field. | |

7. Digital Plan Review

Members of the Building Codes Committee asked for information on electronic plan review. Dustin Schroff from the City of Scottsdale will discuss the city's digital plan review process. Please see **Attachment One**.

8. MAG Building Code Amendments and Standards Book

Discussion about committee review of code amendments and building construction standards for possible inclusion in the upcoming MAG Building Codes Amendments and Standards. Please see **Attachment Two** for updated draft copies of the documents for discussion. Please see **Attachment Three** for the full table of documents and their status.

9. AZBO Code Amendments to the 2012 International Codes

AZBO has acted on its recommended amendments to the 2012 ICC family of codes. The amendments will be presented to the Committee for discussion and possible recommendation to member jurisdictions to consider them if adopting the 2012 edition of the codes.

10. Updated MAG Building Codes Committee Membership

We are requesting that Committee members review **Attachment Four**, Committee Roster, sent with this agenda. Please forward any changes to Scott Wilken prior to the meeting or provide them at the meeting.

11. Update Survey of Code Adoption

Attachment Five identifies the codes that member agencies have adopted. Please review this information and provide any updates or corrections to Scott Wilken.

12. Topics for Future Agendas

Potential topics for the next meeting will be discussed. Please think of any items of discussion

7. For information and discussion.

8. For information, discussion and possible action.

9. For information, discussion, and possible action.

10. For information and discussion.

11. For information and discussion.

12. For information and discussion.

or presentations that you would be interested in hearing about at future meetings.

The next meeting is scheduled for Wednesday March 20, 2013 at 2:00 p.m. in the MAG Ironwood Room.

13. Adjournment

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
BUILDING CODES COMMITTEE

January 16, 2013

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

COMMITTEE MEMBERS

Michael Williams, Tempe, Chair

Randal Westacott, Avondale

*Phil Marcotte, Buckeye

*Mike Tibbett, Carefree

Mike Baxley, Cave Creek

A-Mike DeWys for Martin Perez, Chandler

Mary Dickson, El Mirage

*Jason Field, Fountain Hills

Larry Taylor, Gilbert

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 for Dennis Marks, Peoria

Julie Belyeu, Phoenix

Dustin Schroff for Michael Clack, Scottsdale

Dale Crandell, Tolleson

A-Kevin Bruce, Wickenburg

*Jim Fox, Youngtown

Jackson Moll, Home Builders Association

Sharon Bonesteel, Salt River Project

OTHERS IN ATTENDANCE

Scott Wilken, MAG

Shannon Acevedo, MAG

Craig Chenery, MAG

Peter Kinkle, Quest Energy Group

Linnea Brudenell, Quest Energy Group

Brad Townsend, MASCO

Ken Kirschmann, Southwest Gas

Robert Preiss, Gilbane Building Co.

Judd Jensen, Energy Inspectors

Thomas Cochran, Energy Inspectors

Forrest Fielder, AZBO

Rob Runge, Phoenix

Anthony Floyd, Scottsdale

Chris Baggett, Arizona Public Service

*Those members neither present nor
represented by proxy.

A-Those members participating via
audioconference

1. Call to Order

Michael Williams, Chair, called to order the January 16, 2013 meeting of the MAG Building Codes Committee (BCC) at 2:04 p.m.

2. Introductions

Voting member Dennis Chase, Mike DeWys, and Kevin Bruce attended via telephone conference call. All members and guests introduced themselves.

3. November 14, 2012 Meeting Minutes

Bob Lee made a motion to approve the November 14, 2012 minutes. Mike Baxley seconded the motion, and the motion passed unanimously.

4. Call to the Audience

There were no comments.

5. Comments From the Committee

Mary Dickson said that the AZBO Education Institute will be April 8-12 in Prescott. She listed some of the new classes that will be offered.

Mary Dickson asked if any jurisdictions are doing or considering doing a vacant property registration. No one indicated that they are.

6. 2012 IECC System Conditioning Requirements for Mechanical and Lighting Systems in Commercial Buildings

Peter Kinkle gave a presentation on conditioning requirements for mechanical and lighting systems for commercial buildings under the 2012 International Energy Conservation Code (IECC). He said that it is important to design energy efficiency in building plans, and during construction it is important to ensure that those measures are implemented as designed. He said that after construction is finished, proper maintenance and implementation of energy efficiency measures will ensure that the building is as efficiently as it was designed. He said that building commissioning is ensuring that the building's energy related systems are sized and installed properly. He said that the Commissioning Agent (CA) works during the design phase to make sure the equipment is selected and sized properly so that there are no energy efficiency issues later, and that during construction the CA ensures that all equipment is installed per the manufacturer's guidelines. He said that the equipment in the entire building works together as a system, and that proper calibration and inspection will help keep the system running at its optimum level.

Peter Kinkle talked about building commissioning as a code requirement. He said that LEED certification requires some level of commissioning, either fundamental or enhanced. He said that CALGreen requires commissioning, including systems manual and owner training. He said for CALGreen also requires commissioning of irrigation and water reuse systems, which is not required for LEED fundamental. He said the International Green Construction Code (IGCC)

requires LEED fundamental and enhanced, as well as envelope commissioning, materials tracking, and Indoor Environmental Quality (IEQ) testing. He said the International Energy Conservation Code (IECC) requires LEED fundamental, plus Owner's Project Requirements (OPR), Basis of Design (BOD), and systems manual training. He said that IECC also requires commissioning of HVAC systems and automatic lighting, as well. He then highlighted some of the changes that will come in the 2012 IECC.

Tom Paradise asked if, during the commissioning process, the CA relies on third party verification or subcontractor information. Peter Kinkle said that it is typically decided during the design review phase. He said there are some items that are more likely to need third party verification, such as smoke detectors. Robert Preiss asked if there is a rule of thumb cost for enhanced commissioning. Peter Kinkle said it can vary too much to quote a general cost per square foot. He said that there's a standard upfront cost, but the complexity of the building makes the total cost vary. Bob Lee asked how far in advance of the start of construction is the commissioning kick-off meeting held. Peter Kinkle said that the meeting held with subcontractors is usually held around the time of ground-breaking, and then again about a month before mechanical installation. Tom Paradise asked if all buildings need to be commissioned. Peter Kinkle said that the IECC has thresholds for total heating and cooling tonnage that, if met, would require commissioning. Anthony Floyd said that there are exceptions in the code, but there are no exceptions for lighting.

7. AZBO Code Amendments to the 2012 International Codes

Michael Williams announced that this item would be tabled to a future agenda.

8. MAG Building Code Amendments and Standards Book

Michael Williams said that Item 27 dealt with mechanical code requirements that have since changed. He said that it might not be needed anymore. Mike DeWys said that this requirement is part of the 2012 code. Tom Ewers made a motion to include Item 27 as Historic. Larry Taylor seconded the motion, and the motion passed unanimously.

Scott Wilken said that Item 38 was four pages long, and the first two pages had been updated, while there was a question about the current relevance of the second two pages. Michael Williams asked if this item is still needed under the 2012 code. Randal said that if it is in the code, it doesn't need to be included as current. He made a motion to include Item 38 as Historic. Ed Kulik seconded the motion, and the motion passed unanimously.

Michael Williams said that Item 41 is the testing protocol that was discussed at the last meeting. Sharon Bonesteel said that the document includes the RESNET testing protocols. She said that representatives from the building industry, utilities, and municipalities reviewed the protocol, and formulated them into two codes sections: one for the 2012 IRC and one for the 2012 IECC. She said the AZBO code review committee and the City of Phoenix code change committee have approved this document. Bob Lee made a motion to include Item 41 as a current standard. Randal Westacott seconded the motion, and the motion passed unanimously.

9. Updated MAG Building Codes Committee Membership

There were no changes.

10. Update Survey of Code Adoption

Bob Lee said that Paradise Valley is updating to the 2012 I-codes effective January 1, 2013, including the IECC.

Mary Dickson said that El Mirage is taking the 2012 codes to City Council, with a proposed effective date of July 1, 2013, including the IGCC Public Version 2.

Dustin Schroff said that Scottsdale is updating to the 2012 codes as of January 7, 2013, including the 2012 IGCC.

11. Topics for Future Agendas

Randal Westacott said that he would like to see a presentation on digital plan review.

12. Adjournment

Bob Lee made a motion to adjourn. Mike Baxley seconded the motion and the motion passed unanimously. The meeting was adjourned at 3:23 pm.

Consider the possibilities 

Introducing City of Scottsdale's

Digital Plan Submittal



Statistics

- ✓ Since January 2005 there have been approximately 12, 393 submitted e-applications.
- ✓ Out of these 12, 393 e-applications, 9,216 uploaded digital files and drawings. (74%)

| Development Activity Groups | Count |
|---|-------|
| New Single Family | 578 |
| Residential Other | 222 |
| Single Family Remodel/Additions | 266 |
| Multi-Family | 9 |
| Commercial Tenant Improvement | 1110 |
| Commercial Remodel | 347 |
| New Commercial/Additions | 188 |
| Miscellaneous (Fire Alarms, Fire Sprinklers, Signs, Solar, Wireless Cell Sites, Pools) | 6155 |
| Subdivision | 15 |
| Infrastructure (Capital, Utilities, Barricades, Case Drainage, Waterline Easement, Site Review) | 3500 |
| Exempt (Public Schools) | 3 |

Eligible Plan Types and Release Dates

- ✓ Tenant Improvement March 2005
- ✓ Single Family – July 2005
- ✓ Deferred Fire Plans – April 2007
- ✓ Plats/MOD/Condo Plats – Fall 2007
- ✓ Commercial – Fall 2007
- ✓ Signs – November 2007
- ✓ Pools – March 2008
- ✓ Solar Systems – November 2008
- ✓ Wireless Facilities – August 2009
- ✓ Temporary Control Barricades – November 2009
- ✓ Utilities – January 2010
- ✓ LPG Installations – January 2013

Digital Plan Review enables plan submittal, payment, and staff review/approval to all occur electronically - reducing (and potentially eliminating) trips to the One Stop Shop, ensuring enhanced collaboration, resulting in plans being finalized as effectively and efficiently as possible.



Requirements

Digital Seal and Signature Acceptance

The Arizona Board of Technical Registration at 602-364-4930 governs the minimum requirements for professionals sealing plans - www.btr.state.az.us, see Rules: R4-30-304. Use of Seals.

Drawings Accepted in DWF format and PDF

Most digital submittals must be submitted as **black & white .DWF** files. Customer are directed to refer to the requirements for each plan type.

Supported Supplemental File types:

- ✓ Adobe PDF
- ✓ Microsoft Word
- ✓ Excel
- ✓ Tiff

File Naming Conventions

REQUIREMENTS BY PLAN TYPE:

[Scottsdale Digital Submittal Process](#)

[Digital Deferred Fire Submittal Requirements](#)

[Digital Plats / Map of Dedications](#)

[Digital Pool Submittal Requirements](#)

[Digital SFR Submittal Requirements](#)

[Digital SFR Solar Systems/Green Requirements](#)

[Digital SFR Vehicle Chargers](#)

[Digital Signs Submittal Requirements](#)

[Digital TI Submittal Requirements](#)

[Digital Traffic Control Plan Submittal Requirements](#)

[Digital Utility Submittal Requirements](#)

[Digital Wireless Communication Facility \(WCF\)](#)

Easy as 1-2-3



We have features for every step of the way 





E-Application and Processing

Registration, E-Application and Processing

Registering Online

There are several ways to access registration at www.scottsdaleaz.gov

- Online Services
- How do I? on navbar
- Digital Submittal website
- Forms, Applications and Checklist website
- Eservices

1. Customer enters email and fills out registration form
2. Customer receives email with temporary password
3. Customer logs in with temporary password and changes password

Home > Online Services > Registration > Customer Registration

REGISTRATION

Registration Process:

1. Complete this registration form.
2. Check your email for your temporary password.
3. Login with your temporary password.
4. Change your password.

[Forgot Your Password?](#)

PLEASE ENTER YOUR EMAIL ADDRESS

Email Address:

| HOW DO I... |
|---|
| SCHEDULE AN INSPECTION |
| GET A MINIMUM PERMIT |
| CHECK PLAN STATUS |
| CHECK BUILDING PERMIT STATUS |
| CHECK ENCROACHMENT PERMIT STATUS |
| COMMENT ON A LIQUOR LICENSE APPLICATION |
| KNOW IF I NEED A PERMIT |
| LOOKUP MY ELEVATION CERTIFICATE |
| REQUEST MY SETBACKS |
| SEARCH FOR A CASE FILE |
| SUBMIT PLANS DIGITALLY |

SCOTTSDALE DIGITAL TEAM:

Phone: 480-312-7800

E-mail: planninginfo@scottsdaleaz.gov

Home » Online Services » Digital Plan Welcome: Michelle Dalton

DIGITAL PLAN SUBMITTAL

Welcome to the Digital Plan Submittal Program from Planning, Neighborhood and Transportation Division.

Digital Plan Review enables plan submittal, payment, staff review/approval and permitting (for eligible plan types) to all occur electronically, ensuring enhanced collaboration, resulting in plans being finalized as effectively and efficiently as possible. Select the appropriate link below or from the menu on the left. For more information on the City of Scottsdale's digital plan submittal process and requirements, select the Digital Submittal Info link below.

- » [E-application](#) - submit an application and upload drawings
- » [Un-submitted applications](#) - list of uncompleted applications using the "save for later" button. Allows submitting at your convenience.
- » [Digital plan menu](#) - enter your plan check number and key code to pay fees, check status, upload/down files and purchase permits.
- » [Submitted plans](#) - view the last six months of your submitted plans.
- » [Digital Submittal Info](#) - resources and requirements for your digital plan submittal.

Home » Online Services » Category » Application Welcome: Michelle Dalton

PLANNING, NEIGHBORHOOD AND TRANSPORTATION

57 % complete

Complete all required fields and click "Next" to continue the application.
Click "Save for later" at any time to continue the application later.

(* = Required Entry)

I. PROJECT LOCATION

| | |
|-------------------------|------------------------|
| * Project Address | 7447 E ALMERIA RD |
| Subdivision Name | SCOTTSDALE ESTATES TWO |
| Lot Number | 209 |
| * Book-Map-Parcel (APN) | 131-21-123 |
| * Quarter Section | 13-45 |
| * Zoning | R1-7 |

Customer must have a legally assigned address or intersection to use the e-application.

Customer completes the e-application for plan review and permitting online following the steps provided on the city website. There is a "save for later" feature so the customer can return to an uncompleted submittal.

Customer uploads submittal drawings and attachments to the city electronically.

File size limitations - 25 mb per file.

No limit to # of sheets.

45 minute session.

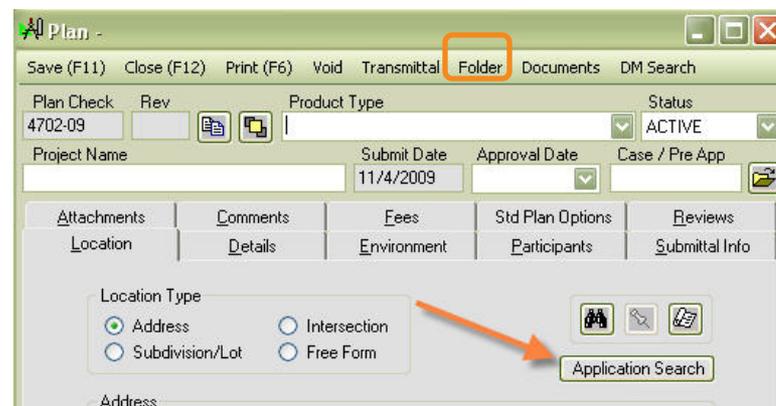
Customer prints out the application for future reference.

When the customer clicks on the Submit Application button an email notification arrives in the Digital Submittal mailbox, which the development service representatives monitor several times during the day.



Counter Processing

The Development Services Rep creates a new plan check number in the Community Development System then searches for the customer's application number referenced in the email notification.



The rep reviews the submittal for completeness and any formatting issues. If necessary, the rep will rename the files in the plan folder to fit the naming convention standards. If the submittal is complete, the rep sends an email to the customer with their new CDS plan number and key code. Once logged into their personal profile online, the customer may make payments, review plan review status and download corrections.



Collaboration

Plan Review 

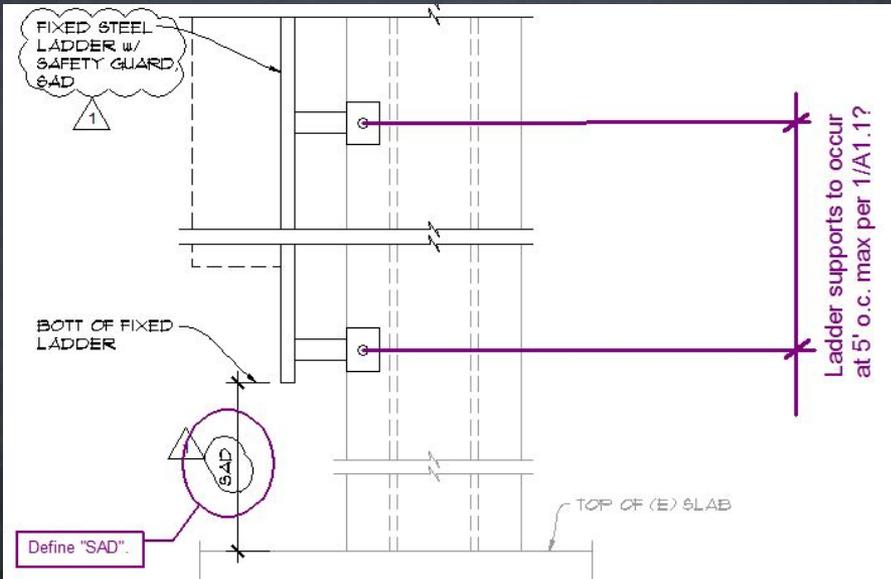
Collaboration

Once the plan review payment is made online the reviewers are assigned. An email notification alerts staff that the customer has paid so there is no delay in assigning the reviewers.

During the review cycle the customer interface is locked to avoid additional uploading of files. If necessary, a reviewer may unlock the customer interface.

Plan Reviewers redline within the DWF file which includes the plan reviewers contact information. (Standardized colors are preferred)

An email notification is generated, including links to the customer's project login screen, at the time the plans coordinator enters a completion date for the review cycle in the Community Development System.



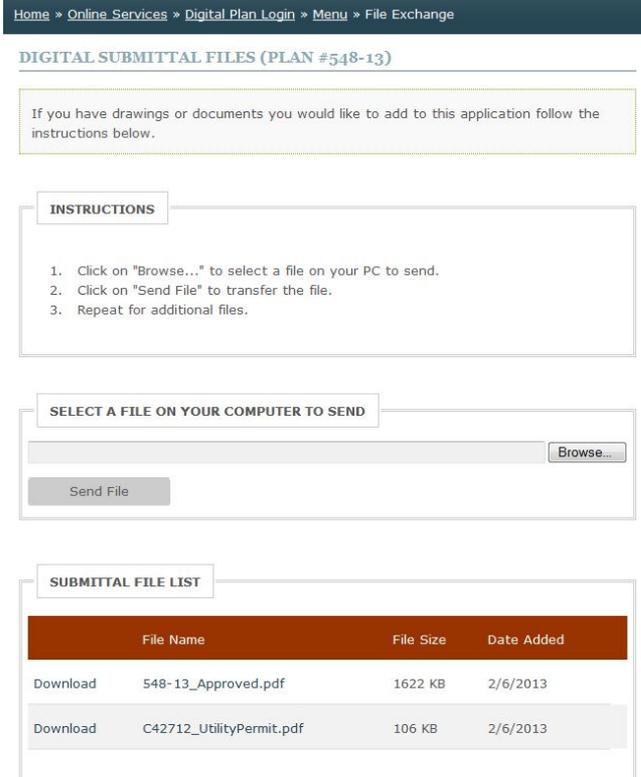
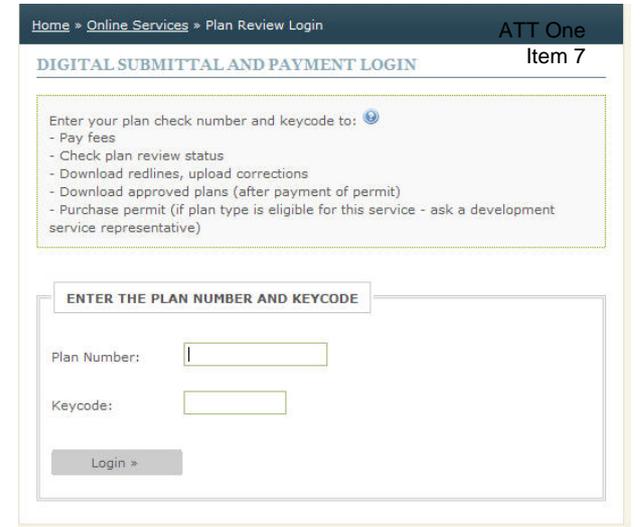
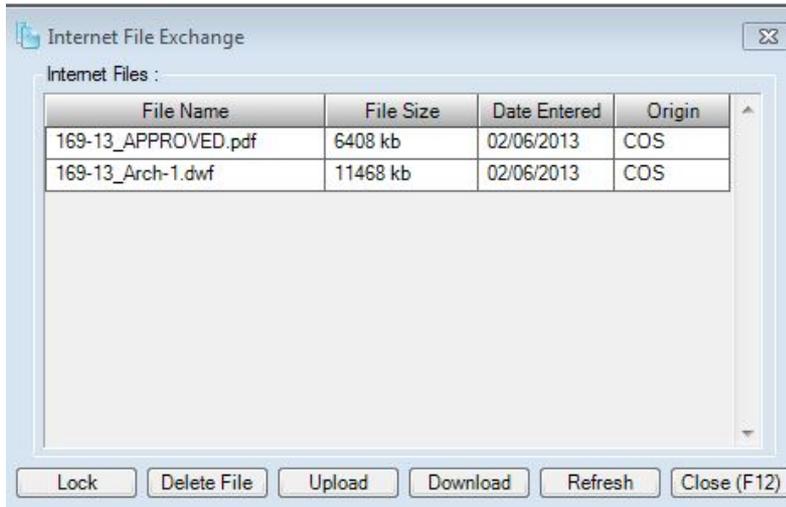
ATT One
Item 7



Plan Review and Collaboration

Customers can access their project interface by using the plan check and key code numbers provided to them during the payment process. Customers are able to download files from the city when the plan review cycle is completed.

Customers are able to upload files to the city through Digital Plan Menu creating additional cycles until final approval.





Deliver

Converting, Stamping, Delivery and Permitting



Approved Stamped Plan



If plans are approved, have digital seal and signature, then the reviewer will convert the .dwf files to an Adobe .pdf file.

The plan is stamped using Adobe Professional custom stamps, secured and uploaded to the customer's profile through the CDS Internet window.



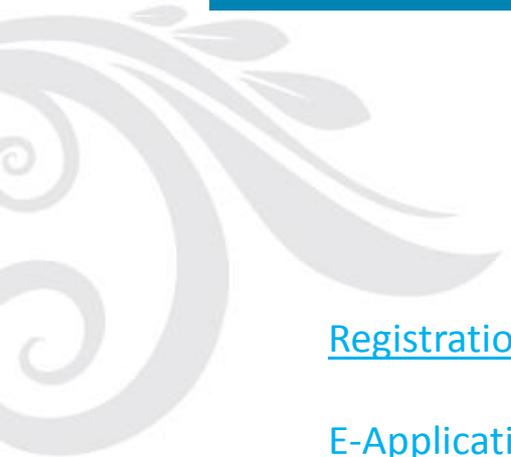
| Administrative Dates | Substantive Dates | Required Reviews |
|---|--|---|
| Required Reviews | | |
| <input type="checkbox"/> Grading <input type="checkbox"/> Drainage <input type="checkbox"/> Paving <input type="checkbox"/> Water <input type="checkbox"/> Sewer <input type="checkbox"/> Traffic <input type="checkbox"/> Building | <input type="checkbox"/> Planning (Civil) <input checked="" type="checkbox"/> Planning (Arch) <input type="checkbox"/> Planning (Landscape) <input type="checkbox"/> Landscaping <input type="checkbox"/> Engineering <input type="checkbox"/> Master Plan <input type="checkbox"/> Final Plat | <input type="checkbox"/> Fire (Architueal) <input type="checkbox"/> Fire (Civil) <input type="checkbox"/> Fire (Alarm) <input type="checkbox"/> Fire (Sprinkler) <input type="checkbox"/> Fire (Hood Systems) <input type="checkbox"/> Map of Dedication <input type="checkbox"/> Signs |
| Other | | |
| <input type="checkbox"/> Expedited Review <input type="checkbox"/> Accelerated Review <input type="checkbox"/> In Lieu Parking <input type="checkbox"/> Originals <input type="checkbox"/> Downtown Review | <input type="checkbox"/> Time Extension <input type="checkbox"/> Manager Signature <input type="checkbox"/> Owner Builder <input type="checkbox"/> Green Building Review <input type="checkbox"/> High Priority | <input type="checkbox"/> Enhanced Review <input checked="" type="checkbox"/> Digital Plans <input type="checkbox"/> Approve Online Bldg Pmt <input checked="" type="checkbox"/> Approve Online Enchr Pmt <input type="checkbox"/> Approve Online Util ROW |

Development Services Rep may approve a plan for online permitting if all the requirements below are met:

- ✓ Plan must be submitted through the digital submittal program
- ✓ Plan type is eligible
- ✓ Plan must have contractor information filled in completely
- ✓ Plan must have a final approval date entered
- ✓ Plan has one to one relationship to permit type

If the customer prefers to come into the One Stop Shop, the development services rep will upload the approved stamped plan to the Internet upon permit purchase.

Resources and Developer Tools



[Registration](#)

[E-Application](#)

[Digital Plan Options Menu](#)

[Resources](#)

- The technology used is Visual Studio 2010 and MSSQL 2008.
- The language is C# and UI technology is ASP Forms with a little JavaScript\jQuery sprinkled in.
- As temporary storage we use Linq-to-sql without any stored procedures.
- When interfacing with CDS we use Linq-to-sql with the existing stored procedures.
- Accessing data behind the firewall we use stored procedures.
- All the files are stored in the database server.
- Eservices was written as a framework for applications that need to be exposed to the public.
- The basic security, registration\account management, menus, monitoring, rss feeds, is handled by the eservices framework.



Questions?



Resolution

WHEREAS The Maricopa Association of Governments Building Codes Committee (heretofore referred to as the "Committee") approved the amendments to the 2011 edition of the National Electrical Code (heretofore referred to as the "Code") with the intent to promote and present a uniform set of electrical codes and amendments for jurisdictions within Maricopa County AND;

WHEREAS Sections 312.5 and 314.17 of the 2011 NEC (E3907.7 and E3906.1.1 of the 2012 IRC), that addresses cabinets, boxes and conduit bodies and the entry of said cabinets, boxes and conduit bodies by cables and conduit, have been in existence for at least two code cycles and requires the enclosure of openings through which cables enter a cabinet, box or conduit body, requires that nonmetallic cables be permitted to enter the top of a surface mounted enclosure only and that the nonmetallic cable be protected at points of entry into a cabinet, box, or conduit body from damage and abrasion, where cables are used, each cable shall be secured to the cabinet, cutout box or meter socket enclosure and has been largely ignored by installers and enforcers in the State of Arizona to this point in time AND;

WHEREAS a code change proposal has been submitted to the Code Making Panel of NFPA to validate the method of installation traditionally occurring in this region AND;

WHEREAS that code change proposal, 9-12 Log #463, was rejected by the Code Making Panel; AND

WHEREAS the immediate and strict adherence to and enforcement of in their entirety Sections 312.5 and 314.17 of the 2011 NEC (E3907.7 and E3906.1.1 of the 2012 IRC) would pose a change in standard practice in this region and both industry and the enforcement community would benefit from a "phase-in" or transition period;

BE IT SO RESOLVED by the Committee that Sections 312.5 and 314.17 of the 2011 NEC (E3907.7 and E3906.1.1 of the 2012 IRC) shall be enforced in their entirety so that each cable will be secured to the cabinet, cutout box or meter socket enclosure where it enters. This resolution shall have an effective date of December 1, 2005.

Exhibit A

Reference the 2011 National Electrical Code and replace the first paragraph with the following (The remainder of Section 312.5 to remain the same)

312.5 Cabinets, Cutout Boxes, and Meter Socket Enclosures. Conductors entering enclosures within the scope of this article shall be protected from abrasion and shall comply with 312.5(A) through (C).

Exception: For one- and two-family dwellings, cables with entirely non metallic sheaths shall be permitted to enter the back of a surface-mounted enclosure through one or more nonflexible raceways not more than 75 mm (3 in.) in diameter, and not less than 75 mm (3 in.) and not more than 600 mm (24 in.) in length, provided all of the following conditions are met:

- A. Each cable is fastened within 200 mm (8 in.), measured along the sheath of the outer end of the raceway.
- B. The raceway extends directly into an enclosed wall space.

- C. A fitting is provided on each end of the raceway to protect the cable(s) from abrasion.
- D. The raceway is sealed or plugged using approved means so as to prevent access to the enclosure through the raceway.
- E. The cable sheath is continuous through the raceway and extends into the enclosure beyond the fitting not less than 50 mm (2 in.).
- F. The raceway, if greater than 305 mm (12 in.) is fastened at its outer end in accordance with the applicable article.
- G. The raceway shall be permitted to be filled to 60 percent of its total cross sectional area, and **310.15(B)(2)(a)** adjustment factors need not apply to this condition.



**ADA ACCESSIBLE
SALES OFFICE**

**Handout
500**

REV 02/05

**Community Development Department
Building Safety Division**

8401 West Monroe Street
Peoria, Arizona 85345
623-773-7225 FAX: 623-773-7233

www.peoriaaz.com

① **ADAAG 4.3 ACCESSIBLE ROUTE**

AN ACCESSIBLE ROUTE SHALL BE PROVIDED FROM THE SIDEWALK AT THE STREET TO THE ACCESSIBLE BUILDING ENTRANCE AND WHERE PROVIDED, TO THE ACCESSIBLE PORT-A-JOHN.

WIDTH: NOT LESS THAN 36 INCHES.

SURFACE: SHALL BE ASPHALT OR CONCRETE.

SLOPE: NOT TO EXCEED 1:20 (5%)

CROSS SLOPE: NOT TO EXCEED 1:50 (2%)

② **ADAAG 4.1.2.4 (b) VAN ACCESSIBLE PARKING STALL & ACCESSIBLE AISLE**

SURFACE: SHALL BE ASPHALT OR CONCRETE.

PARKING STALL: 8 FT. X 20 FT. MIN.

ACCESS AISLE: 8 FT. X 20 FT. WITH PAINTED STRIPES @ 45 DEGREES.

SIGNAGE: VAN ACCESSIBLE (SEE ITEM #8 AND SIGN DETAIL)

③ **ADAAG 4.1.6 ACCESSIBLE TOILET OR ACCESSIBLE PORT-A-JOHN**

TOILET ROOM: MAY BE UNISEX AND SHALL CONTAIN 1 WATER CLOSET; 1 LAVATORY; AND THE DOOR SHALL HAVE A PRIVACY LATCH, MEN/WOMEN SIGNAGE SHALL BE INSTALLED ADJACENT TO THE LATCH SIDE OF THE DOOR.

PORT-A-JOHN: IN LIEU OF A TOILET ROOM, AN ACCESSIBLE PORT-A-JOHN MAY BE USED AND LOCATED WITHIN THE ACCESSIBLE ROUTE, NEAR THE ACCESSIBLE ENTRANCE TO THE SALES OFFICE.

④ **ADAAG 4.13 DOORS**

ADAAG 4.13.6 MANEUVERING CLEARANCE

DOOR WIDTH: DOORWAYS SHALL HAVE A CLEAR OPENING OF 32 INCHES WITH THE DOOR OPENING 90 DEGREES.

THRESHOLD: NOT TO EXCEED 1/2 INCH, BUT SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 (50%). UP TO 1/4 INCH HIGH NO EDGE PROTECTION REQUIRED.

LANDING: TO ACCOMMODATE ALL DOOR APPROACHES A MINIMUM 5 FT. X 5 FT LEVEL CONCRETE LANDING SHALL BE PROVIDED. WHEN THE DOOR AND LANDING ARE LOCATED AT THE GARAGE DRIVEWAY SIDE, THE SLOPE OF THE LANDING SHALL NOT EXCEED 1:50 (2%)

DOOR HARDWARE: HANDLES, PULLS, LATCHES, AND LOCKS SHALL BE LEVER-OPERATED MECHANISMS, PUSH TYPE MECHANISMS, U-SHAPED HANDLES.

⑤ **ADAAG 4.8 RAMPS**

SLOPE: MAXIMUM SLOPE OF RUN SHALL BE 1:12 (8.33%)

MAXIMUM RISE: 30 INCHES

MAXIMUM RUN: 30 FT.

CLEAR WIDTH: 36 INCHES.

LANDINGS:

(1) SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

(2) LENGTH SHALL BE A MINIMUM 60 INCHES CLEAR.

(3) FOR CHANGE OF DIRECTION THE MINIMUM SIZE SHALL BE 60 INCHES X 60 INCHES.

⑥ **ADAAG 4.8.5 RAMP HANDRAILS**

(1) RAMP RUN HAS A RUN GREATER THAN 6 INCHES OR A HORIZONTAL PROJECTION GREATER THAN 72 INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.

(2) HANDRAILS NOT CONTINUOUS SHALL EXTEND AT LEAST 12 INCHES BEYOND THE TOP AND BOTTOM OF THE RAMP SEGMENT AND PARALLEL WITH THE FLOOR SURFACE.

(3) TOP OF HANDRAILS SHALL BE MOUNTED 34 INCHES TO 38 INCHES ABOVE THE RAMP SURFACE.

(4) ENDS OF HANDRAILS SHALL BE ROUNDED OR RETURN SMOOTHLY TO THE FLOOR OR POST.

⑦ **ADAAG 4.8.7 EDGE PROTECTION**

RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS OR PROJECTING SURFACES.

CURBS SHALL BE A MINIMUM OF 2 INCHES HIGH.

⑧ **CITY OF PEORIA PLANNING & ZONING 14-23-3 (B), (5), (e) ACCESSIBLE PARKING SIGN**

(1) ON STATIONARY POST OR OBJECT THE BOTTOM OF SIGN SHALL BE LOCATED NOT LESS THAN 3 FT. OR MORE THAN 6 FT. ABOVE GRADE.

(2) SIGN SHALL READ: RESERVED PARKING; A.R.S. 28-884, VAN ACCESSIBLE. (SEE SIGN DETAIL)

| REF # | MEETING DATE | CODE AFFECTED | CODE YEAR | SECTIONS | BRIEF DESCRIPTION | Have Doc | Include As Is | Needs Update | Historic | Not Needed | Tabled | Done | In Process | Update Refs |
|-----------|--------------|---------------|-----------|------------------|---|----------|---------------|--------------|----------|------------|--------|------|------------|-------------|
| <u>1</u> | 4/22/1992 | UPC | 1991 | N/A | A motion was passed to approve amendments to the 1991 UPC that were developed by the MAG Plumbing and Mechanical Working Group. | No | | | 3/21 | | | X | | |
| <u>2</u> | 1/27/1993 | N/A | N/A | N/A | A motion was passed to approve a One Coat Stucco Compliance Program For MAG Member Agencies. | Yes | | | 3/21 | | | X | | |
| <u>3</u> | 5/19/1993 | UMC | 1991 | N/A | A motion was passed to approve amendments to the 1991 UMC that were developed by the MAG Plumbing and Mechanical Working Group. | No | | | 3/21 | | | X | | |
| <u>4</u> | 5/24/1995 | UBC | 1994 | N/A | A motion was passed approving the MAG Special Inspections Standards Manual. | Yes | | | 11/14 | | | X | | |
| <u>5</u> | 6/21/1995 | N/A | N/A | N/A | A motion was passed stating that the Committee supports uniform reporting of information to the County Assessor as opposed to all member agencies using a uniform permitting process. | Yes | | | 3/21 | | | X | | |
| <u>6</u> | 4/17/1996 | UBC | 1994 | Chapter 12 | A motion was passed adopting a Model Sound Attenuation Ordinance for New Residential Construction as a MAG Standard. | Yes | 3/21 | | | | | X | | |
| <u>7</u> | 4/17/1996 | NEC | 1993 | N/A | A motion was passed stating that utility companies installing lighting on private property will be subject to all MAG member agency code requirements including permits, and inspection. Management Committee supported this action on May 15, 1996 and the Regional Council supported the action on May 29, 1996. | Yes | | | 9/19 | | | X | | |
| <u>8</u> | 10/22/1997 | N/A | N/A | N/A | A motion was passed adopting MAG Model Standards for fireplaces, wood stoves or other solid fuel burning devices. | Yes | 6/20 | | | | | X | | |
| <u>9</u> | 10/21/1998 | UBC | 1997 | 2343.6 | A motion was passed to approve the plastic tag identified at the meeting for use in marking trusses and that a committee be established to address future markings of tags. It was also noted that the Wood Truss Council of America would make the tags available. | No | | | 6/20 | | | X | | |
| <u>10</u> | 2/17/1999 | UBC | 1997 | N/A | A motion was passed adopting the Pima County Standard on Strawbale Construction as a MAG standard without amending it. | Yes | 1/8 | | | | | X | | |
| <u>11</u> | 4/19/2000 | UBC | 1997 | 2343.6 | A motion was passed to approve a standard for the marking of trusses developed by the MAG Building Inspector/Plan Examiner Group. | Yes | | | 6/20 | | | X | | |
| <u>12</u> | 11/1/2000 | UBC | 1997 | Chapter 11 | A motion was passed to recommend compliance with the accessibility standards in the Fair Housing Act or 1997 UBC Chapter 11 either by ordinance or through the alternate design methods section of the Uniform Building Code. | Yes | | | 5/16 | | | X | | |
| <u>13</u> | 5/16/2001 | UMC | 1997 | > 307.5.2 | A motion was passed to approve an interpretation of the 1997 UMC that either the use of permanently installed railings on the roof, or one side railing extension would meet the intent of the code for roof access. | Yes | | | 5/16 | | | X | | |
| <u>14</u> | 9/12/2001 | UBC | 1997 | Section 2306.4 | A motion was passed to require pressure treated sill plates in both interior and exterior applications as required by UBC Section 2306.4 | Yes | | | 5/16 | | | X | | |
| <u>15</u> | 11/14/2001 | IRC | 2000 | Table R301.2 (1) | A motion was passed recommending the use of Table R 301.2 (1) with the following assumed values: Ground Snow Load: 0 psi; Wind Speed: 90 mph; Seismic Design Category: B; Weathering: NEGLIGIBLE; Frost Line Depth: 12"; Termite: Moderate to Heavy; Decay: None to slight; Winter Design Temperature: 34 degrees F; Flood Hazards: Jurisdiction Specific, as a MAG Standard. (The Winter Design Temperature was updated January 16, 2002 from 27 degrees to 34) | Yes | 1/8 | | | | | X | | |
| <u>16</u> | 2/20/2002 | N/A | N/A | N/A | A motion was passed to accept standard language of an agreement authorizing Southwest Gas to relocate a gas line without permit or clearance requirement. | Yes | 11/14 | | | | | X | | |
| <u>17</u> | 3/20/2002 | IRC | 2000 | Chapter 11 | A motion was passed adopting a proposal that explains alternatives for complying with Chapter 11 of the IRC, the Energy Chapter. | Yes | | | 5/16 | | | X | | |
| <u>18</u> | 3/20/2002 | IMC | 2000 | Section 403.3 | A motion was passed approving a resolution which stated "The MAG Building Codes Committee recognizes that the exception clause in the International Mechanical Code section 403.3 may be used in evaluating the outdoor ventilation air requirements for schools". | Yes | | | 5/16 | | | X | | |
| <u>19</u> | 5/15/2002 | NEC | 1999 | Article 690 | A motion was passed to approving the permit requirements for Commercial Solar Photovoltaic (PV) Installations. | Yes | | 11/14 | | | 11/14 | | X | |
| <u>20</u> | 5/15/2002 | NEC | 1999 | Article 690 | A motion was passed approving permit requirements for Residential Solar Photovoltaic (PV) Installations. | Yes | | 11/14 | | | 11/14 | | X | |
| <u>21</u> | 10/16/2002 | IBC, IRC, IMC | 2000 | N/A | A motion was passed adopting the AZBO Code Review & Development Committee Report of Final Actions 2001-2002, dated July 15 2002, as MAG amendments. | Yes | | | X | | | X | | |
| <u>22</u> | 1/15/2003 | IBC, IRC | 2000 | 1202.2, R806 | A motion was passed accepting the following statement, "Due to the climatic conditions in our area and recent research into the field of energy conservation, the Maricopa Association of Governments Building Codes Committee recognizes that there are circumstances and methods that allow the use of ventless attics. This recognition would encourage member jurisdictions to look at those circumstances and those methods with the goal of energy conversation in mind". | Yes | | | 5/16 | | | X | | |

| REF # | MEETING DATE | CODE AFFECTED | CODE YEAR | SECTIONS | BRIEF DESCRIPTION | Have Doc | Include As Is | Needs Update | Historic | Not Needed | Tabled | Done | In Process | Update Refs |
|-----------|--------------|-------------------------|------------------------------------|---|---|----------|---------------|--------------|----------|------------|--------|------|------------|-------------|
| <u>23</u> | 4/16/2003 | | | N/A | A motion was passed requiring a permit for Solar Water Heater Systems as a standard. | Yes | 5/16 | | | | | X | | |
| <u>24</u> | 5/21/2003 | IRC | 2000 | R602.8.1.2 | A motion was passed to disallow the use of foam products for fireblocking, unless they are listed as firestop material. Field testing found that foam products that were often used for fireblocking were in fact flammable. | Yes | 1/8 | | | | | X | | |
| <u>25</u> | 5/21/2003 | I Codes | 2003 | N/A | A motion was passed stating that all member agencies should strive to use the 2003 International Codes with a goal of an effective date of July 2004. | No | | | 5/16 | | | X | | |
| <u>26</u> | 10/14/2003 | N/A | N/A | N/A | A motion was passed adopting recommendations for Post-Tension Slab construction. | Yes | 6/20 | | | | | X | | |
| <u>27</u> | 10/14/2003 | N/A | N/A | N/A | A motion was passed adopting a MAG standard that would require the attachment of a label to a dryer that informs consumers of changes or exceptions to the code that have been allowed for the installation of the dryer. | Yes | | | 1/16 | | | X | | |
| <u>28</u> | 11/19/2003 | I Codes | 2000 | N/A | A motion was passed adopting the AZBO Code Review & Development Committee proposed amendments to the 2000 codes updated to the 2003 ICC codes. | Yes | | | 6/20 | | | X | | |
| <u>29</u> | 3/17/2004 | NEC | 2002 | N/A | A motion was passed accepting the AZBO 2002 NEC Amendment Packet. | Yes | | | 6/20 | | | X | | |
| <u>30</u> | 8/18/2004 | N/A | N/A | N/A | A motion was passed to adopt an interpretation allowing for the temporary use of Port-A-John, among other things, in order to meet ADA requirements in a case where a sales office or model home in a subdivision would ultimately become sold to a homeowner. | Yes | | 1/8 | | | | | X | |
| <u>31</u> | 12/16/2004 | IRC | 2003 | R401.2 | A motion was passed requiring that each builder provide a current pad certification report for all single family lots, in tract subdivisions, at the time of footing inspection. | Yes | 1/8 | | | | | X | | |
| <u>32</u> | 12/16/2004 | IRC | 2003 | R703.6.2.1 | A motion was passed to allow the installation of deco drain directly below the weep screed as an alternate method of allowing excess moisture inside the wall to drain to the exterior of the building. If the patio is integral to the post tension slab, this alternative method would not be acceptable. | Yes | 1/8 | | | | | X | | |
| <u>33</u> | 11/19/2005 | NEC | 2002 | 312.5; 314.17 | A motion was passed that approved amendments to the 2002 National Electric Code that allows cable attachment outside an SES under certain circumstances that are specifically addressed in Exhibit "A." | Yes | | 6/20 | | | | | X | X |
| <u>34</u> | 6/21/2006 | IRC & NEC | 2003 and 2006; 2002 and 2005 | IRC E3803.4 | A motion was passed to establish that storage space located under stairs not be considered as underfloor spaces requiring lighting for the sake of consistency throughout Maricopa County. | Yes | 1/8 | | | | | X | | |
| <u>35</u> | 6/21/2006 | UBC or IBC | 1997 UBC or any edition of the IBC | N/A | A motion was passed that member jurisdictions will recognize and accept the City of Phoenix Approved Structural Steel Fabricators program and list as meeting the special structural inspections alternatives for structural steel fabricated by an approved fabricator as allowed in the building codes. | Yes | 6/20 | | | | | X | | |
| <u>36</u> | 11/21/2006 | IBC, IRC, IGC, IMC, IPC | 2006 | N/A | A motion was passed recommending the AZBO Code Review & Development Committee proposed amendments to the 2006 ICC codes be forwarded to the MAG member agencies for their consideration. | Yes | | | 6/20 | | | X | | |
| <u>37</u> | 1/16/2008 | IBC | 2003 | 1704.4 1905.6 | A motion was passed to accept the recommendations made by the Arizona Residential Post-Tensioned Round Table (ARPTRT) so that all MAG member agencies have the same standards for inspection, evaluation and acceptance of the concrete pour for residential post-tensioned slabs-on-ground. | Yes | | | 1/16 | | | X | | |
| <u>38</u> | 6/18/2008 | IRC supplement | 2007 | R301.3 Story height R602.10.4 Wall bracing | A motion was passed that the committee generally supports the 2007 supplement to the IRC for story height and wall bracing requirements. | Yes | 6/20 | | | | | X | | |
| <u>39</u> | 11/19/2008 | I-Codes | 2009 | N/A | A motion was made to recommend that each jurisdiction consider adopting the 2009 family of I-codes as published by the International Code Council (ICC). | No | | | 6/20 | | | X | | |
| <u>40</u> | 6/20/2012 | N/A | N/A | N/A | 9.5 Course Wall Details | Yes | 8/15 | | | | | X | | |
| <u>41</u> | 1/16/2013 | IECC | 2012 | | 2012 IECC Residential Testing Protocols | Yes | 1/16 | | | | | X | | |

MAG BUILDING CODES COMMITTEE MEMBERSHIP AS OF
2/12/2013

| Voting Members | | | | |
|---------------------------|------------------------------|--------------------|--------------|------------------------------|
| Name | Representing | Telephone # | Fax # | E-mail Address |
| Michael Williams (Chair) | Tempe | 480-350-8670 | 480-350-8677 | michael_williams@tempe.gov |
| Mary Dickson (Vice Chair) | El Mirage | 623-876-2932 | 623-876-4607 | mdickson@cityofelmirage.org |
| Randal Westacott | Avondale | 623-333-4026 | 623-333-0400 | rwestacott@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 |
| Larry Taylor | Gilbert | 480-503-6958 | 480-497-4923 | larry.taylor@gilbertaz.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@paradisevalleyaz.gov |
| Dennis Marks | Peoria | 623-773-7232 | 623-773-7233 | dennis.marks@peoriaaz.gov |
| Julie Belyeu | Phoenix | 602-495-0821 | 602-495-5430 | julie.belyeu@phoenix.gov |
| VACANT | Queen Creek | | | |
| Michael Clack | Scottsdale | 480-312-7629 | 480-312-9029 | mclack@scottsdaleaz.gov |
| VACANT | Surprise | | | |
| 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 |
| Jim Fox | Youngtown | 623-933-8286 x117 | 623-209-3026 | jfox@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

| Jurisdiction | Building | Mechanical | Plumbing | Electric | Residential | Fire | Energy | Existing Building Code | Fuel Gas | Performance | Green Construction | Notes | URL | Anticipated Adopted Date by Council | Anticipated Effective Date for 2009 or 2012 ICC Codes (Month and Year) |
|-----------------|----------|------------|----------|----------------------|-------------|------------------------|------------------------------|------------------------|-----------|--|-----------------------|--|---------------------------------|-------------------------------------|--|
| Apache Junction | 2006 IBC | 2006 IMC | 1994 UPC | 2005 NEC | 2006 IRC | 2006 IFC | | | | | | | Apache Junction | | |
| Avondale | 2009 IBC | 2009 IMC | 2009 IPC | 2008 NEC | 2009 IRC | 2003 IFC | 2009 IECC | | 2009 IFGC | | | | Avondale | January 2013 | Plan to adopt 2012 codes effective 7/1/13 |
| 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 | | | | | | Effective July 1, 2006 | Carefree | | 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 | | | Effective January 1, 2012 | Cave Creek | 11/21/2011 | |
| Chandler | 2009 IBC | 2009 IMC | 2009 IPC | 2008 NEC | 2009 IRC | 2006 IFC | 2009 IECC | 2009 IEBC | 2009 IFGC | | | Effective July 1, 2011 | Chandler | | |
| El Mirage | 2012 IBC | 2012 IMC | 2012 IPC | 2011 NEC | 2012 IRC | 2012 IFC | 2012 IECC | 2012 IEBC | 2012 IFGC | | IGCC Public Version 2 | | El Mirage | January 2013 | July 1, 2013 |
| Fountain Hills | 2006 IBC | 2006 IMC | 2006 IPC | 2005 NEC | 2006 IRC | 2006 IFC | 2006 IECC | | | | | Codes adopted April 17, 2008 with town amendments available on Web site. | Fountain Hills | | No plans to adopt 2009 codes. |
| 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 | None | | | | | | Gila River | | |
| Gilbert | 2006 IBC | 2006 IMC | 2006 IPC | 2005 NEC | 2006 IRC | 2006 IFC | 2006 IECC | | 2006 IFGC | | | ADAAG per state requirements | Gilbert | No date | No plans to adopt 2009 codes. |
| Glendale | 2012 IBC | 2012 IMC | 2012 UPC | 2011 NEC | 2012 IRC | 2012 IFC | 2012 IECC | 2012 IEBC | 2012 IFGC | | | With city amendments. Effective December 1, 2012 | Glendale | | December 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 | | | Codes effective July 1, 2008 | Litchfield Park | | |
| Maricopa County | 2009 IBC | 2009 IMC | 2009 IPC | 2008 NEC | 2009 IRC | | | | 2009 IFGC | | | WITH MAG/AZBO AMENDMENTS | Maricopa County | Adopted August 18, 2010 | Effective date of 10-1-10, w/ grace period to 1-1-11. |
| Mesa | 2006 IBC | 2006 IMC | 2006 IPC | 2005 NEC | 2006 IRC | 2006 IFC | 2009 IECC (Effective 1/3/12) | 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 | | January 1, 2013 |
| Peoria | 2006 IBC | 2006 IMC | 2006 IPC | 2005 NEC | 2006 IRC | 2006 IFC | | | 2006 IFGC | | | Adopted 2012 IPMC, 2012 IECC, effective 5/1/13, not IFC | Peoria | Adopted 5/1/2012 | Adopted 2012 codes, effective 5/1/13 |
| Phoenix | 2006 IBC | 2006 IMC | 2006 UPC | 2008 NEC | 2006 IRC | 2006 IFC w/ Amendments | 2006 IECC | 2006 IEBC | 2006 IFGC | 2006 ICCP for Buildings and Facilities | IGCC Public Version 2 | Effective July 2, 2008 | Phoenix | | Discussing 2012 ICC, anticipated July 2013 |
| Queen Creek | 2006 IBC | 2006 IMC | 2006 UPC | 2005 NEC | 2006 IRC | 2006 IFC | 2006 IECC | 2006 IEBC | | | | Effective Aug. 7, 2008 | Queen Creek | | No plans to adopt 2009 codes. |
| Salt River | 2003 IBC | 2003 IMC | 2003 UPC | 2002 NEC | 2003 IRC | 2003 IFC | None | | | | | | Salt River | | |
| Scottsdale | 2012 IBC | 2012 IMC | 2012 IPC | 2011 NEC | 2012 IRC | 2012 IFC | 2012 IECC | 2012 IEBC | 2012 IFGC | | 2012 IGCC | Effective January 7, 2013 Also 2012 IPMC | Scottsdale | | January 2013 |
| Surprise | 2006 IBC | 2006 IMC | 2006 IPC | 2006 IEC w/ 2005 NEC | 2006 IRC | 2006 IFC | 2006 IECC | 2006 IEBC | 2006 IFGC | | | | Surprise | | January 1, 2014 |

Survey of Code Adoption

| Jurisdiction | Building | Mechanical | Plumbing | Electric | Residential | Fire | Energy | Existing Building Code | Fuel Gas | Performance | Green Construction | Notes | URL | Anticipated Adopted Date by Council | Anticipated Effective Date for 2009 or 2012 ICC Codes (Month and Year) |
|--------------|----------|------------|----------|----------------------|-------------|----------|-----------|------------------------|-----------|-------------|--------------------|--|----------------------------|-------------------------------------|--|
| Tempe | 2009 IBC | 2009 IMC | 2009 IPC | 2008 NEC | 2009 IRC | 2006 IFC | 2009 IECC | 2009 IEBC | 2009 IFGC | | | | Tempe | | October 24, 2011 |
| Tolleson | 2006 IBC | 2006 IMC | 2006 IPC | 2005 NEC w/ 2006 IEC | 2006 IRC | 2006 IFC | 2006 IECC | | | | | 2006 Fuel Gas Code, 2006 IPMC, 2006 NEAC. Adopted 2/20/07, effective 7/1/07. | Tolleson | January/February 2010 | July 2010 |
| 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 | 2006 IBC | 2006 IMC | 2006 IPC | 2005 NEC | 2006 IRC | 2006 IFC | | | 2006 IFGC | | | | Youngtown | November 2010 | January 2011 |

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 January 17, 2013 by Scott Wilken, MAG

Source: MAG Building Codes Committee Members