

## PROGRAM DETAILS

### May 12th CSI Meeting - Energy Codes and Changes in the 2015 IECC

#### Anthony Floyd

Anthony Floyd is a licensed architect and fellow of the American Institute of Architects. Since 1997, he has served as the Green Building Program Manager for the City of Scottsdale and was the city building official from 1988 -1995. He helped to establish Arizona's first Green Building Program in 1998 and is responsible for education, outreach, project qualification, and maintaining Scottsdale's regionally based green building program criteria. He was instrumental in Scottsdale's adoption of the International Green Construction Code (IgCC) and LEED Gold mandate for newly constructed and renovated city facilities.

Since the early 2000's, energy codes have become a major component of construction codes. Valley cities have adopted either the 2009 or 2012 editions of the IECC. However a number of cities are in the process of adopting the 2015 IECC. Are energy codes becoming more stringent? Hear about major changes in the commercial provisions of the code and how the industry is responding.

#### 4 educational objectives to be covered in the presentation:

1. Exploring the major changes in the 2015 IECC.
2. Identifying compliance options and additional efficiency packages.
3. Understand differences between the 2015 IECC and ASHRAE 90.1-2013 requirements.
4. Hear about proposed changes for the 2018 IECC.

**REGISTER NOW**

## May 2016

### Meeting Info

CSI Monthly Meeting

#### WHEN:

May 12, 2016  
11:00am - 1:00pm

#### WHERE:

DoubleTree Suites  
320 N 44th St  
Phoenix, AZ 85008

Free for Members  
\$25 for Guests

## Upcoming Events

5/18/16 - Programs Committee

5/26/16 - Technical Committee

6/2/16 - Media Communications Committee

6/10/16 - Education Committee

[The Reference Library Events Flyer »](#)

## MESSAGE FROM THE PRESIDENT

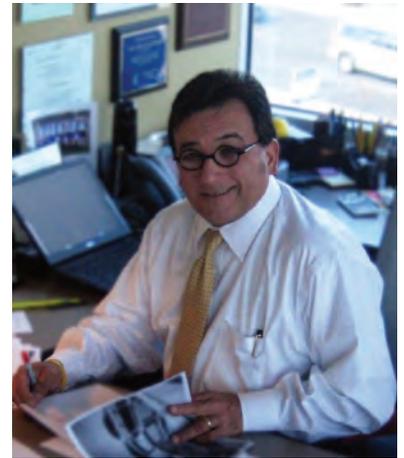
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The May Chapter meeting is the last “formal” Chapter meeting of the year. I hope to see you there.

My time as the Chapter President is quickly drawing to an end. Two more meetings and I will hand over the gavel to the incoming President Bobbi Jo Huskey. Seeing as I have another month, I’ll save my final thoughts for next month.

In the interim, I’ll expound on (i.e. bore you) one of my pet topics, Equality. In specifications it’s the notorious “or equal” clause.

As an Architect, I am faced with this dilemma when working on, competitively bid, public projects that preclude the specifications from being proprietary. I’ve been around long enough to know that there are ways to craft a specification to limit the alternatives that can be provided. I’ve also been around long enough to know that there are many more, “competitively priced,” alternatives that can be provided at to “meet the intent” of the specifications. To paraphrase an old saying, “Equality is in the eyes of the beholder.” Although the responsibility is placed on the Contractor to provide proof of the equality of a product or system, the Architect or Engineer typically spend an inordinate amount of time reviewing an alternative submittal to determine the “equality.” I can recall several projects where I worked closely with a Product Representative on the design, detailing and specification for a system, only to be faced with accepting an alternative that, in my estimation, was not of the same quality as what was specified. Unfortunately, the criteria in a true non-proprietary specification cannot (i.e. should not) be written so narrowly as to preclude alternatives from being considered. From an objective perspective a, well written, non-proprietary specification should provide a cost effective, quality, solution that does not exclude any qualified product or system from being considered and accepted.



Ironically, as an Architect seeking public work, I have been placed in the position of having to prove my capabilities as being equal to, or better than, those of a known firm that a Request for Qualifications were written around. In responding to these RFQs, I have often wondered why the same level of objectivity is not required in the selection of a design professional as is required in the specifications of materials. Narrowly written criteria that would not be accepted within a non-proprietary specification is allowed without question in an RFQ for design services. The same public entities that accept marginally equivalent products would not entertain selection of a design professional that they consider “unproven.” I have witnessed this, first hand, in the preordained selection of a design firm, by a governmental agency, through a purported objective selection process.

Due to this, I may be overly vigilant in the preparation of non-proprietary specifications and objective in review of alternative submittals. This vigilance to be truly “fair and balanced” in other aspects can be quite challenging. I am sure you have heard the phrase “Not In My Back Yard,” or NIMBY. Again, I witnessed this in application. When I lived “back east,” the rural suburbs, were crowding out farms as people sought to live “closer to nature” while still being in driving distance to the City. Not too far from my home was a working farm that had small market where they sold their crops. Many found this “charming” and filled the shop on weekends. Soon enough the land near the farm was “rezoned” and sold off to developers for private homes. As expected, the ensuing development quickly sold out. Keep in mind that this farm had been there over 100 years and the property that was sold for development did not belong to the farm, but to adjacent property owners.

The people that bought the new homes were aware of the working farm and found it quite charming to live “in the country.” That is until they realized that the farmer started working the land before dawn and worked until after dusk, most every day. Additionally, there were the natural odors associated with a working farm, that had not been noticed on weekend jaunts to the farm market, that were now quite evident as the new “gentry” relaxed on their back decks. As expected, these new neighborhoods began to coalesce into a group that would petition the County into limiting the hours that farm equipment could be used. Ultimately, they convinced the politicians that a farm should not be located so close to residential development and the farm was forced to sell.

What does this have to do with CSI? I started this off addressing Equality. Let me close the loop, explaining that we share “equally” in quality of our physical environment, which in turn impacts our psychological existence. The program at our Chapter meeting last month explained that “True Sustainability is not a checklist,” and the program at our March meeting spoke about “Creating places that enhance the human experience,”

A key tenant of CSI is education. One of my goals for the year was to re-establish the Phoenix Chapter as a Leader in the local construction industry. The strength of CSI lies in its diversity, encompassing specifiers, design professionals, manufacturers and product representatives, contractors and other experts in the industry. Our cumulative knowledge is far reaching, from the pragmatic aspects of codes and standards through innovative application of materials and systems. We are a source for technical insight and sustainable recommendations, which are crucial to the built environment and the process necessary to achieve it in a responsible manner.

CSI is more than Specifications. We cannot afford to take this overarching responsibility lightly. It is incumbent upon each of us to look beyond our selves, to the responsibility we have for the built environment, both locally and globally. I am asking for your assistance in reasserting the strength of the Phoenix Chapter CSI and the value it can provide.

Please let me know your thoughts on this task.

Ed \_\_\_\_\_  
Ed Galindo, CSI, CDT, AIA, LEED AP BD+C. NIBS  
President, Phoenix Chapter CSI

# MARCH MONTHLY MEETING RECAP

With Earth Day occurring in April, the Program for our Chapter meeting was Sustainability.

Our Meeting began, as it does each month, by recognizing our members. William Pittenger and Dorothy Shupe are new members. Members with April anniversaries include Moroni Mejia, John Campbell, Jeffery Nielsen, Kathy Greenway, Ron Geren, Terry Vaughan, Robert Schill, Tim Garver, Ken Martinek, and Paul Simonsen.

The dates associated with the anniversaries, as reported by Institute, reminded us to update our membership profiles on file with Institute on a regular, or as needed, basis.

We had a successful Construction Documents (CDT exam prep) Seminar thanks to the Professional Development Committee, The Reference Library and, of course, the distinguished seminar faculty consisting of Neil Davison, Ron Geren and Paul Simonsen. Thanks again to all!

We held our 2016/2017 Board Elections. Joining our incoming President, Bobbi Jo Huskey will be:

**President-Elect:** John Campbell  
**1st Vice President:** Jim Daniels  
**2nd Vice President:** Jay Harris  
**Treasurer:** Teri Hand  
**Secretary:** Mark Yarish

**Directors through 2017**  
Gary Campbell  
Jeff Cox

**Directors through 2018**  
Terry Vaughan  
Dennis Keane

We were reminded of an upcoming “Let’s Get Dirty” event at Marazzi Tile on Friday, April 22nd, the annual CSI Golf Outing on Friday, April 29th., and an 11th Hour Bid Simulation scheduled for Friday, June 10th.

The program consisted of three different building case studies focusing on Value Driven High Performance Buildings. DLR Group’s, Global Sustainability Leader, Premnath Sundharam, AIA, LEED AP BD+C, BEMP, spoke about net-zero schools. DLR Group’s, Southwest Region Design Leader, Craig Randock, AIA, LEED AP BD+C, presented an overview of the design of the net-zero National Renewable Energy Laboratory (NREL). Finally, Cassie Robertson, LEED AP BD+C, a Preconstruction Manager with DPR Construction presented an overview of DPR’s net-zero offices, which CSI had previously toured.



# ACOUSTICAL LAY-IN TYPE CEILINGS (PER IBC – SEISMIC DESIGN CATEGORY D, E&F)

## Technical Services Information Bureau

This document covers the installation practices recognized by the Technical Services Information Bureau (TSIB) for installation of a suspension system for a lay-in acoustical tile ceiling compliant with the 2009 International Building Code (IBC). The practices listed herein are for ceilings in Seismic Design Categories D, E or F. Refer to TSIB Technical Bulletin 40.100 for Seismic Design Categories.

### REFERENCED DOCUMENTS, AGENCIES AND STANDARDS:

American Society Civil Engineers (ASCE)  
American Society of Testing Materials (ASTM)  
California Building Code (CBC - 2007)  
Ceiling and Interior Systems Construction Association (CISCA)  
International Building Code (IBC)

[READ FULL ARTICLE HERE](#)

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## ANNOUNCEMENTS

### May Anniversaries

- Chris King - 30 years
- Alan Minker - 22 years
- Gary Campbell - 13 years
- Kevin Conner - 1 year
- Christopher Cook - 1 year

### New Members

- Natalie McCasling
- Cassandra L. Stokes
- Scottie L. Stinson

*\*The is the list of CSI Phoenix New Members and Anniversaries that we were able to get from CSI Institute.*

*If your name should be on this list and you don't see it, Please go onto the Institute website and update or input your personal information.*

# ADVERTISE WITH CSI PHOENIX

## The Rules:

- Ads are sold for 3, 6, 10 or 12 months.
- Payments are made in advance via credit card or check. Payment must be received by the 5th each month prior to publication.
- You must provide your own, high resolution, artwork and/or copy.
- Artwork and/or copy must be received by the 5th of the month prior to publication.

## Website Sponsor:

- **728x90 homepage banner ad** - Banner at the bottom of the homepage.
  - 3 mo - \$140.00
  - 6 mo - \$225.00
  - 10 mo - \$330.00
  - 12 mo - \$370.00
- **728x90 interior page ad** - Banner at the bottom of the interior pages.
  - 3 mo - \$90.00
  - 6 mo - \$175.00
  - 10 mo - \$280.00
  - 12 mo - \$320.00
- **300x250 interior sidebar ad** - Banner on the right sidebar of interior pages.
  - 3 mo - \$80.00
  - 6 mo - \$150.00
  - 10 mo - \$240.00
  - 12 mo - \$275.00

## Meeting Sponsor:

- \$200.00 Members
- \$250.00 Non-members
- Limited to two (2) per meeting.

## Meeting Sponsorship includes:

- Complimentary attendance to Chapter meeting for one (1) guest
- Prominent Recognition (including company logo) as Chapter Meeting Sponsor in both eMail meeting notifications and Monthly Newsletter/Online website registration page
- Recognition at Chapter Meeting opening announcements
- One (1) table top display at Chapter Meeting
- Opportunity to place company literature at registration table or on dining tables
- Two minute presentation

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