

MAY 2008
American
Society of
Professional
Estimators

ORANGE COUNTY CHAPTER #3



www.aspenational.com

Our Mission

Since 1956 ASPE serves the construction & engineering industries by providing education, training, fellowship and opportunities for professional estimating development..



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ORANGE SPEEL NEWSLETTER





President's Message

Several months ago our local chapter had an interesting meeting on Building Information Modeling (BIM). The message was that everyone in the construction industry including estimators need to immediately get on board with this technology. Well, perhaps not so fast. In the April issue of ENR, "Lack of interoperability is the biggest of many gripes" according to the article written by Nadine Post (www.enr.com. 4/23/08). Some experts believe that the software has been oversold, while not allowing the engineers & architects to properly perform their design analysis. Different BIM software systems such as "Bentley" and "Autodesk" are not compatible with one another. This is a similar scenario to recent shakeout that is occurring with super blue ray DVD's versus HD DVD's. Currently, many studios have announced that they will only produce in the Sony blue ray format, Could this happen with different BIM software or will software be interchangeable? On a personal note, I have worked with BIM on several projects. The BIM models that I have worked on are in the 3D format showing various graphic images of the building, from structural to architectural imaging. These views are excellent for understanding the project or for making client presentations. 4D modeling that calculates quantities and shows intricate details of all the various building systems works well for commercial buildings. The technology is not yet available for other applications such as heavy industrial or waste water facilities.



Last month, we had an excellent meeting on scheduling from an estimator's viewpoint. Special thanks go out to Ram Ramdass, Estimating & Controls Manager for O'Conner Construction Management Inc. who gave the presentation. Ram's scheduling model was directly tied into BIM. At any point on the project, once the work activity data was input for percentages complete, a 3D BIM model of the building could graphically show you the progress of the project at any point in time. The presentation by Ram was very impressive as was the capabilities of what BIM can do.

Our May meeting topic is going to be a roundtable discussion with some of our very own members on estimating for tenant improvements. More information on our May 14th dinner meeting is posted below.



Our dinner meetings are held on the second Wednesday of each month. We meet at the Mezzanine Building at the Newport Gateway Towers, in Irvine (see enclosed map for details). As mentioned above, the next dinner meeting is scheduled for May 14th. Social hour starts at 5:30 PM with dinner at 6:30 PM. We finish by 8:30 and parking is free. Thanks to the Irvine Company the procedure for the free parking has changed. Be sure to bring your parking slip with you for free validation by the restaurant or bar. Hope to see you at our next dinner meeting. Don't forget, we also hold a raffle. The winner receives half of the proceeds, the chapter gets the other half.

~ Dan Schottlander, CPE
President, ASPE Orange County Chapter

ASPE Code of Ethics:

Cannon #1

Professional estimators shall perform services in areas of their discipline and competence.

Cannon #2

Professional estimators shall continue to expand their professional capabilities through continuing education programs to better enable them to serve clients, employers and the industry.

Cannon #3

Professional estimators shall conduct themselves in a manner, which will promote cooperation and good relations among members of our profession and those directly related to our profession.

Cannon #4

Professional estimators shall safeguard and keep in confidence all knowledge of the business affairs and technical procedures of an employer or client.

Notes from the President

Chapter Website

ASPE reservations can be booked online. Our chapter website is www.ASPEChapter3.org. Monthly newsletters are posted on the site. If you have any questions or ideas on what to include on our website, feel free to contact our Webmaster, Paulette Rutlen. The national website is www.ASPENational.org. Be sure to check out both websites for current announcements.

Golden Spike Award

Last year, the San Diego Chapter initiated an award dinner to honor an outstanding individual for contributions to the construction industry. This idea originated from the Atlanta Chapter, which has locally had this award for a number of years. For 2008, the Golden Spike Award would like to honor someone from Southern California. The award ceremony is going to be held in Orange County this fall. Nominees can be an estimator or any one in the construction industry. If you know of someone that you would like to nominate, or you would like to participate, please contact John Mauk CPE or Frank Young FCPE of the San Diego chapter. John's number is 949-476-2094 and Frank's number is 619-980-4025.

Certification

Chapter 3 is offering a free Certification Review Workshop that will be held on Saturday, May 17th. The workshop will begin at 9:00 am and will last approximately two to three hours. The presentation will concentrate on what to expect from the certification process, reviewing both the technical paper and the four and eight hour exams. You do not have to be examination registered with ASPE national to attend. Becoming a Certified Professional Estimator (CPE) is an excellent opportunity to gain industry recognition. The next testing period is scheduled for July 2008 at the National Convention in Baltimore, MD. This workshop will take place at Earth Tech, Inc., 21064 Bake Parkway, Suite 200, Lake Forest, CA. If you are interested in attending, please email Art Quinion at artq@phoenix-planning.com.

Cannon #5

Professional estimators shall conduct themselves with integrity as all times and not knowingly or willingly enter into agreements that violate the laws of the United States of America or of the states in which they practice. They shall establish guidelines for setting forth prices and receiving quotations that are fair and equitable to all parties.

Cannon #6

Professional estimators shall utilize their education, years of experience and acquired skills in the preparation of each estimate or assignment with full commitment to make each estimate or assignment as detailed and accurate as their talents and abilities allow.

Cannon #7

Professional estimators shall not engage in the practice of "bid peddling" as defined by this code. This is a breach of moral and ethical standards, and a member of this society shall not enter into this practice.

Cannon #8

Professional estimators and those in training to be estimators shall not enter into any agreement that may be considered acts of collusion or conspiracy (bid rigging) with the implied or express purpose of defrauding clients. Acts of this type are in direct violation of the Code of Ethics of the American Society of Professional Estimators.

Cannon #9

Professional estimators and those in training to be estimators shall not participate in acts, such as the giving or receiving of gifts, that are intended to be or may be construed as being unlawful acts of bribery.

Member Biography



Don MacGregor
Bert L. Howe & Associates, Inc.
Anaheim Hills, California

Don MacGregor is a licensed General Contractor with thirteen years experience in construction estimating in the field of construction forensics.

As a forensic expert, Don is actively involved in onsite analysis and documentation of existing conditions; analysis and interpretation of related construction documents and subcontract agreements; graphic presentations; development of repair recommendations and repair estimates; and participation in expert meetings, mediations, and settlement negotiations. Prior to entering the forensic field, Don spent many years actively involved in the construction trades, working both for specialty subcontractors as well as general contractors.

As an associate at Bert L. Howe & Associates since 1995, Don has been the project manager for numerous forensic cases involving developers, general contractors and subcontractors encompassing commercial, institutional, and retail developments, as well as thousands of residential units in California, Arizona and Nevada. Additionally, Don has successfully participated in mediation, arbitration, and settlement procedures on numerous occasions and he has testified in deposition in both Nevada and California, and in trial in California as an expert on construction defects, cause, liability, cost of repair, standard of care, and standard of practice.

An Orange County native, Don resides in Placentia with his wife of 15 years, Lolita, and their son Ian.

Joke of the Month

A truckload of penguins breaks down on the freeway on a hot summer day.

The truckdriver sees a blonde construction manager driving up in a company Suburban, so he asks the CM, "Is this car air conditioned?" The construction manager says, "Sure is". So the truckdriver says "I'll give you \$100 to take these penguins to the zoo."

Off goes the CM and the penguins. About three hours later, the CM comes back with the car-load of penguins all wearing 3-D glasses. The truckdriver looks at the penguins in disbelief and yells, "I gave you \$100 to take those penguins to the zoo!!!"

The CM replies, "I did. But we had money left over so we went to a movie, too."

QUOTE OF THE MONTH

“ You do not lead by hitting people over the head -- that's assault, not leadership.

”

~Dwight D. Eisenhower, thirty-fourth U.S. president

AMERICAN SOCIETY OF PROFESSIONAL ESTIMATORS
Invites you to join the
ORANGE COUNTY CHAPTER'S
next meeting at:



Date: Wednesday, May 14th , 2008

Social Time: 5:30 p.m. - Program & Dinner: 6:30 p.m.

Location: 19800 MacArthur Boulevard, Irvine, CA

The Mezzanine @ Newport Gateway Towers

Presented by: ASPE #3 Roundtable Discussion

Topic: Estimating for Tenant Improvements



Paul Steele of The Raymond Company:

Discussion on how we approach estimating metal stud framing and drywall for T.I. projects, including factors related to the drawings, building-specific considerations, logistics, personnel factors, etc. He will also discuss how to quantify scope and the software used to generate the estimate. Photos of recent projects taken during different phases of work will also be included.

Shantha Suraweera of O' Connor Construction Management, Inc.:

Discussion on conceptual, design development and final cost estimates for remodel work. Disseminate information and experience on pricing major electrical sections such as service and distribution, lighting systems, electrical connection to equipment, convenience power and data systems and special electrical systems.

Colm O' Connor of O' Connor Construction Management, Inc.:

Discussion on architectural and structural estimating aspects of tenant improvements.

For reservations, please go to the website to book your spot at www.aspechapter3.org.
Contact Art Quinion at artq@phoenix-planning.com or call 949-581-9370 if you have any questions.



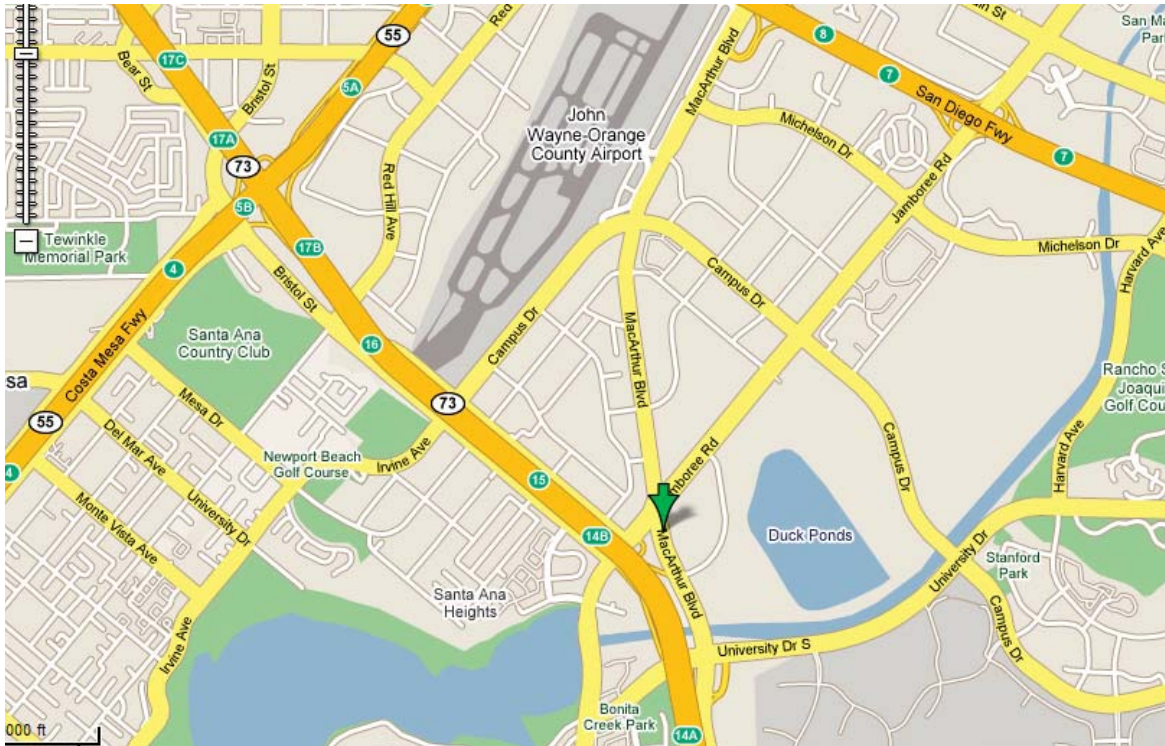
MEETING INFORMATION

Speaker: ASPE #3 Roundtable Discussion

Date: Wednesday, May 14th , 2008

Social Time: 5:30 p.m. - Program & Dinner: 6:30 p.m.

Location: 19800 MacArthur
Boulevard, Irvine, CA
The Mezzanine @ Newport
Gateway Towers
P: 949 724-1066
405 Freeway @ MacArthur
Junction between
MacArthur & Fairchild



Dinner:

Steak \$35 | Chicken \$35

Vegetarian Lasagna \$35

For reservations, please go to the website to book your spot at www.aspechapter3.org.
Contact Art Quinion at artq@phoenix-planning.com or call 949-581-9370 if you have any questions.

May

2008

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|---|----------|--------|----------|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 Board Meeting @ 5 p.m. | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 Dinner Meeting @ 6:30 p.m. in Irvine | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

*Don't miss the next meeting on Wednesday, June 11th at 6:30 PM.



2007-2008 Board Members and Committee Chairs

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|-----------------------------------|--|--|
| President | Dan Schottlander, CPE Earth Tech | 949 330 2299 dan.schottlander@earthtech.com |
| 1 st Vice President | Art Quinion, CPE Phoenix Planning | 949 581 9370 artq@phoenix-planning.com |
| Secretary/Treasurer | Shantha Suraweera, CPE O'Connor Construction Management | 949 476 2094 ssuraweera@ocmi.com |
| Immediate Past President | Ron Svarc, CPE ALY Construction | 949 629 4300 ext. 148 kickerron@cox.net |
| Board of Directors | Paulette R. Rutlen, CPE The Austin Company | 949 451 9055 paulette.rutlen@theaustin.com |
| Board of Directors | Peter Garan Analytical Planning Services | 949 679 0202 petergaran@apso-pm.com |
| Board of Directors | John Mauk, CPE O'Connor Construction Mgmt. | 949 476 2094 jmauk@ocmi.com |
| Chapter Certification Chair & BOD | Art Quinion, CPE Phoenix Planning | 949 581 9370 artq@phoenix-planning.com |
| Programs | Vacant | Vacant |
| Newsletter Editor & BOD | Danielle Leyva HMC Architects | 951 317 7691 dleyva81@sbcglobal.net |
| Membership | Vacant | Vacant |
| Education | Vacant | Vacant |
| Scholarship | Vacant | Vacant |
| Bylaws | Vacant | Vacant |
| Web Master | Paulette R. Rutlen, CPE The Austin Company | 949 451 9055 paulette.rutlen@theaustin.com |

Web site of the Month:

ASPE National has created a new online estimating forum. The service is free. All one has to do is register online. Anything related to estimating such as estimating questions, comments, blogs, etc. can be posted onto the website. This is a great vehicle to ask other professionals their opinions if help is needed.

www.commercialestimators.com

Advertising Opportunities:

| | | |
|-------------------|------------|-------|
| Business Card Ad: | 1 Issue | \$15 |
| | 6 Issues | \$60 |
| | 12 Issues | \$100 |
| Full Page Ad: | 1 Issue | \$50 |
| | 6 Issues | \$200 |
| | 12 Issues | \$300 |
| Employment Ad: | Each Issue | \$50 |

Company Member Representatives from ASPE Orange County Chapter

| | |
|-----------------------------------|-----------------------------------|
| Abacus Project Management Inc. | Kerry Contractors, Inc. |
| American Constructors | KFHP Inc. |
| Analytical Planning Services, Inc | KGA, Inc. |
| Arnulfo Ruiz | KHS&S |
| Bel Esprit Builders, Inc. | L&R Construction Inc. |
| Bert L. Howe & Assoc., Inc. | Lennar |
| Brussel Consulting & Const Mgnt | Lombard Consulting Services, Inc. |
| Consolidated Contracting Services | M. Cangro Development |
| Contracting Engineers Inc. | MC Consultants |
| Contractors & Cost Consultants | Madsen, Kneppers & Associates |
| Corecon Technologies Inc. | Marlin Const. Consulting & Assoc. |
| DM Construction Services | O'Connor Construction Mgmt. |
| Disneyland Resorts | Pacific Rim Mechanical Contr.Inc. |
| Earth Tech | Pete Fowler Construction Services |
| Faithful & Gould | Phoenix Planning |
| GKK Works | Project Control Assoc. |
| Herzog Contracting Corp. | Raymond Interior Systems |
| HMC Architects | Rider Levett Bucknall |
| Jacobs | Ronald Fedman Associates, Inc. |
| Jacobs Engineering | The Austin Company |
| JBH Structural Concrete Inc. | The Clark Construction Group |
| Joshua Don | Timko, Inc. |
| Kanda Project Service | |

April Meeting Recap...

We had an interesting program this month. Our speaker was Ram Ramdass from O'Connor Construction Management, Inc., his topic was "Construction Scheduling with an Estimator's Perspective". Ram reviewed the basics of scheduling.

Because schedules are required by most contracts in excess of \$500K it is important that the estimator understands how his estimate integrates into the schedule. The schedule will help in monitoring the



budget against the actual costs and assess the monthly progress for billing purposes. Ram spoke about how the schedule is determined, including the identification of the project activities, durations, relationships, identification of the critical path, and final calculation and publication of the schedule.

Resource and cost loading's importance was discussed, as it drives the payment applications, procurement, and identifies planned staffing of the project and shows the expected production rates for the work. The schedule and

the estimate have a natural integration. The scheduler needs the information the estimator can provide in order to build his schedule.

But by far the most exciting part of the presentation, for me, was the use of BIM (Building Information Modeling) and 4D scheduling. Most of us are familiar with the 3D modeling that BIM will generate, but did you know that by integrating the 3D model with the project's schedule a 4D scheduling model can be created!

Ram handed out the attached Schedule Quick Reference guide that has a lot of the terms we hear every day, but may not always remember what they mean. If you missed the meeting you can see Ram's Power Point presentation posted on the chapter website at www.ASPEChapter3.org, although it doesn't beat having been there.

If you weren't there...where were you? We missed you, and you missed a good program.

Paulette R. Rutlen, CPE

National 1st Vice President



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**THE 2008-2009 BOARD OF TRUSTEES
WILL BE INSTALLED DURING THE ASPE NATIONAL CONVENTION
JULY, 2008 TO TAKE OFFICE AUGUST 1, 2008**

Question of the Month

1. How much mortar is required per 100 SF of 8" CMU walls?

- A. 4 cf
- B. 8.25 cf
- C. 12.25 cf
- D. 10.5 cf



The correct answer is C. 12.25 cf

Local Elections

Our chapter is looking for members that would like to run for office for next year. If you are interested feel free to contact myself. Nominations need to be finalized by the end of May. Elections will be held in June. If you are interested, please contact Dan Schottlander

National Convention

ASPE National is having the annual convention and estimating academy July 9 – 12, 2008 at the Hyatt Regency Hotel in Baltimore, MD. All members and non-members are invited. Our chapter is looking for a delegate to attend. The board agreed to pay up to \$1,000 for anyone that would like to attend. Any volunteers? If you are interested please feel free to contact me.



Any Program Ideas?

If there is enough support from the chapter, other things that we can develop, could include sponsoring a golf tournament, hosting an estimating academy, or having a regional meeting in 2008 with other ASPE chapters. (This years regional meeting will be held in Reno).

In order to make our chapter work for everyone we are looking for your ideas and input. What topics would you like to see discussed? What programs would you like? If you are a General Contractor, Subcontractor, Consultant, Architect or Engineer, what topics are you interested in? Any suggestions that you have, we would appreciate your input.

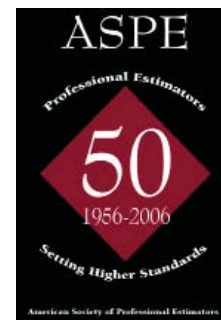
New Members

Chapter 3 would like to welcome the following new members;

- Era Swanepol
- Doug Clark
- Thilanjana Vithana
- Gregory Clayton
- Donald MacGregor
- Brian Hayen
- William Trigwell.

Membership

With each publication, our electronic newsletter is distributed to over 150 individuals, members & non-members alike. If you know anyone that might enjoy receiving our newsletter, please pass it along and give us their e-mail address. If you are not currently a member and enjoy our readership as well as our events, perhaps you may want to consider joining ASPE for 2007 – 2008.



www.aspenational.com