



November 2007

PROFESSIONAL ESTIMATOR

Denver, Chapter 5

NW Region Newsletter of the Year 2003-2007; National Newsletter of the Year 2004-05

November Program

Got BIM?

*A panel of experts
discusses Building
Information Modeling*

See page 3 for details...

CHAPTER MEETING NOTICE

Date: Tuesday, Nov. 13, 2007

Time: Gather: 5:30 p.m.
Dinner: 6:30 p.m.

Place: Red Lion Hotel
4040 Quebec Street
Denver, CO 80216
(303) 321-6666

Cost: \$40.00 w/reservation
\$45.00 w/o reservation
\$10.00 for students

* Register online at:
<https://www.acteva.com/go/aspedenver>

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MESSAGE FROM YOUR PRESIDENT *Kye Holtan-Brown* REGIONAL MEETING UPDATE

On October 12th & 13th Chris Morton and I attended the Fall Regional Meeting hosted by Reno Chapter 12. They put on a great event. Friday was spent touring area jobsites and a custom mill shop. Saturday we had an all-day meeting. In between we had some time to socialize, and of course, we ate well.

The meeting provided a lot of good and interesting information. During discussions of board and committee participation, we saw that the stronger clubs had a recurring theme – the more the merrier. One club had an intentional policy of trying to rotate in five new board members each year to keep it fresh. Another great idea was to have new members attend a board meeting so they can share their ideas with the board and for the board to get to know them personally.

The awards and the certification process were also topics, given recent changes in both. The next round of the certification process is coming up, and members who want to sign up need to do so by January 15th. The awards deadlines have moved up a couple weeks in order to give the reviewers a little more time before the convention.

Activities that other clubs have enjoyed or were planning included “A Day at the Races”

Continued on Page 3...

BIM: What is it and why should I care? by Marc Reid, CPE, dcb Construction

BIM or Building Information Modeling is a relatively new software technology that replaces traditional two dimensional plans and accompanying specifications with 3 dimensional building models. According to *Wikipedia*, BIM “includes geometry, spatial relationships, geographic information, quantities and properties of building components (for example manufacturers’ details).”

It continues, “proponents claim that BIM offers: improved visualization, improved productivity due to easy retrieval of information, increased coordination of construction documents, embedding and linking of vital information such as vendors for specific materials, location of details, and quantities required for estimation, increased speed of delivery, and reduced costs.”

According to an article in *ENR* dated 6/5/2006, “BIM works best in a collaborative rather than adversarial atmosphere.” Jim Jonassen, managing partner of architectural firm NBBJ in Seattle, envisions a process in which design and construction phases overlap, with appropriate team members taking the lead in different phases, with participation by other players.

BIM is more difficult with a traditional design-bid-build delivery system. “Usually, once bids are in hand, the client wants to start building,” says Dale Stenning, operations manager for Hoffman Construction, Portland, Ore. “If subs that typically generate construction data aren’t on board (before construction), there isn’t much time to produce a fully coordinated construction model”.

BIM is “definitely reshaping roles and responsibilities downstream of the architect”, says Derek Cunz, director of project development in the Denver office of M.A. Mortenson Co. The firm is almost finished with the Denver Art Museum, using BIM (*ENR* 5/15 p.26).

In an article from *California Construction*, October 2007, entitled “Top Design Firms”, architect Ware Malcomb’s CEO Larry Armstrong says “(BIM) is a freight train and it’s coming”. In that same article Peter Devereaux, president of Los Angeles-based Harley Ellis Devereaux, calls BIM “the wave of the future and it will transform our industry. BIM will first be done by large firms and eventually will force the industry to consolidate.”

Come listen to a presentation and panel discussion about BIM and the future impact it will have on each of us as professional estimators at our next Denver ASPE chapter meeting and dinner Tuesday, November 13th.

Treasurer’s Report by Newt Klusmire

Checking Balance: \$5,601.23

Savings Balance: \$1,039.53

Total Balance: \$6,640.76

NOVEMBER PROGRAM

Got BIM?

If you are not familiar with what BIM is, Building Information Modeling, then you are behind the times. Come find out how General Contractors, Architects and Subcontractors are using BIM, what they are using it for and where it is going in the future.

We will be having a panel lead by experts in BIM modeling from each of the specific areas: Jeff Ambrose, Principal H+L Architects, Justin Mitchell from LPR Construction and a representative from a local General Contractor. There will be Q&A time at the end of the presentations.

ASPE Code of Ethics

Basic Canons

- Canon #1** Professional estimators shall perform services in areas of their discipline and competence.
- Canon #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.
- Canon #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.
- Canon #4** Professional estimators shall safeguard and keep in confidence all knowledge of the business affairs and technical procedures of an employer or client.
- Canon #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.
- Canon #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.
- Canon #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.
- Canon #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.
- Canon #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.

President's Article continued...

at a local horse-racing track, and putting on a BIM 2-day seminar in conjunction with a local university. We also spent time discussion strategies for websites, newsletters, and handling requests from recruiters. All-in-all a very useful day.

This all was preceded by a great day on Friday, touring some really unique projects in the Lake Tahoe area. One 24,000 sf mansion that we visited had just finished steel framing of its five levels. Many of the W-beams at the roof were radiused in two directions (left and down, for example). The glass will be the project's most unique feature – 34 tons of 2" thick ultra-clear glass from Germany (no U.S. manufacturer makes this stuff yet), in panes up to 2400 pounds in size, with a 97% non-reflective rating to meet the very strict local code requirements.

The second building we toured was a very large resort project in the steel framing stages. The entire building was shaped like a horseshoe in order to make the most of its spectacular view. Aside from a very unique central "chimney" tower in the center that was shaped like a tee-pee, the rest of the building looked pretty straight-forward, until you noticed the cross-braces that provided lateral stability. They were built sort of like a shock absorber with an inner and outer piece, and were designed for the inner piece to absorb the stresses and fail during the lateral movement induced by an earthquake. Then, like a shock absorber, they would open back up to allow the structure to flex back into position afterwards. The idea being that walls could be cut open and the used-up "shock absorbers" replaced at much less cost and time that replacing whole parts of structure.

We finished the day touring the custom mill shop that was making the tapered, double-radiused, 3" thick glue-laminated cedar fascia for the edges of the roof, as well as the 3" thick cedar panel siding and the interior casework and millwork. Their work really defined the word "craftsman".

I enjoyed the regional meeting so much, that I am looking forward to attending the national meeting that much more. I hope that some of you will be able to attend the National Convention in Baltimore, July 9th & 10th this year.

ASPE Provides Program for the Women in Construction Club at CSU

On October 1st, Kye Holtan-Brown from Haselden Construction and Lisa Bacon from Sturgeon Electric were guest speakers for a meeting of the Women in Construction Club at CSU in Ft. Collins. Both speakers talked about how they got into construction in general, and into estimating in particular. Questions from the students ranged from asking what the speakers liked best about their chosen field, to how their companies pick projects to pursue, to how subcontractors are selected for projects. In addition, there were questions about how being a female in generally male-dominated companies affected the speakers' approaches to their job. The biggest pieces of advice the speakers had for women going into construction were to be ready to work hard, be able to let certain language "go in one ear and out the other", and understand that just like for any working woman, keeping a work-life balance isn't always easy and takes planning and open dialogue with both the family and the employer.

The Women in Construction Club is hosting an Industry Panel Forum and Mini Career Fair on November 1st from 5pm – 7 pm. Area contractors are invited to support the club's yearly activities with a \$250 donation, in exchange for an evening that includes both formal presentation time and informal meet and greet time with the students of CSU's Construction Management program. For more information, contact Ashley Alguire, President of the Women in Construction Club, at ashley.alguire@gmail.com or by cell at (719) 649-2691.

Chapter 5 Members Earn Membership Service Awards

The National office recently sent out a listing of ASPE Denver Chapter 5 members who, as of the end of last year, had been members for 10 years or more. The next time you see any of these folks, please join me in thanking them for their participation in ASPE. We will be presenting the Membership Service Award Pins at our November dinner meeting.

10 Year

Robert Lehto
Bill McGlue
Matt Seewald
Jerry Spainhower
Craig Tarr, CPE
Al Cappella
Newt Klusmire, CPE
Richard Surbrugg
James Huston, CPE

15 Year

Richter Schneider, CPE
Christopher Squadra, CPE
Bruce Thompson, CPE
Tom Traxler
Roger Simmermon

20 Year

Jordan Goray, CPE
Lawrence Wujcikowski, CPE

25 Year

Romey Ross, CPE
Charles Trent, CPE

30 Year

Gene Joerns, CPE, ME
Bob Pratt, FCPE

40 Year

Richard Green, FCPE



ASPE Chapter 5 Wins Awards!

NATIONAL AWARDS

- Superior Chapter with Distinction
- Chapter Membership Increase Award by Count
- Member Sponsorship Award

**This was awarded to our own Ralph Kasper.*

REGIONAL AWARDS

- Best Chapter Educational Activity for our Estimating Academy in March
- Best Chapter Website
- Best Chapter Newsletter
- Chapter Membership Increase Award by Count
- Chapter Membership Retention Award by Count

Member Company Roster

The following is a list of companies who are represented at ASPE Chapter 5...

Acoustical Concepts
 Adolfson & Peterson Construction
 Advanced Flooring Solutions
 Alliance Construction Solutions
 Alutiiq
 AMI Mechanical
 Arch. Resource Consultants
 Assoc. Construction Consultants
 Baker Concrete
 Beck Group
 Bergelectric
 Boles Custom Builders
 Builders' Advisor
 Building Tech Consultants, Inc.
 Career Forum
 Casson Duncan Constructors
 CDM Constructors
 CH2MHILL Constructors, Inc.
 Construction Resource Technology
 CPC Painting
 dcb Construction Company, Inc.
 Demand Const. Services, Inc.
 Denver Drywall Company
 Design Mechanical Inc.
 Equinox Environmental, Inc.
 Fiore & Sons
 Golden Triangle Construction
 Haselden Construction
 Heartland Acoustics & Interiors
 Heggem Lundquist
 Howell Construction
 Interior Alterations
 J. E. Dunn
 Jacobs Facilities, Inc.
 Kellogg, Brown & Root, Inc.
 Kenny Electrical Services
 Kiewit Building Group
 Landtech Contractors Inc.
 Lauth Construction
 Ludvik Electric
 M.A. Mortenson Construction
 Madsen Kneppers & Associates
 Main Electric
 McBride Electric
 Merrick & Company
 Metro Steel Fabricating
 MCM, Inc.
 Mountain Steel & Supply Company
 MWH Constructors
 PA Consulting Group
 Palace Construction Co.
 Pasterkamp Heating & Air
 Conditioning
 PCL Construction

Membership Committee Update Heather Boulanger - Chair

We had several guests at last month's meeting. They were:

Seth Anderson from Weifield Group Contracting, LLC, **Marvin Heath** from Central Fire Protection, **Larry Munsun** from CPC Painting, Inc., **Mike Cummings** from Denver Drywall, **Ken Shaw** from Haselden Construction, and **Steve Tourison** from Universal Forest Products.

If you know of anyone that you think would enjoy the benefits of membership, please tell me and I can contact them. I can be reached at: (303) 659-7861, ext. 112 or email me at: heather@rollingplains.com.

Quote of the Month

"In order that people may be happy in their work, these three things are needed: They must be fit for it. They must not do too much of it. And they must have a sense of success in it."

-John Ruskin (1819-1900)

Member Companies Continued...

Professional Investigative Engineers
 Quality Electric
 R.D. Simmermon & Co.
 RK Mechanical
 Roche Constructors
 Rocky Mountain Door Systems, Inc.
 Rolling Plains Construction
 Sabells Enterprises, LLP
 Shaw Construction
 Stanley Automatic Entrances
 Sturgeon Electric
 Sunstate Equipment
 Swinerton Builders
 Team Panels, International
 Technical Project Services
 The Blue Book
 TJS Construction
 Trautman & Shreve, Inc.
 USA Masonry
 West Electric
 Weitz Company, LLC

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Tom Bandy, Alutiq, LLC.

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