

# ORANGE SPEEL

## ASPE Chapter 3 Orange County News Letter No. 26: October 2019

The ASPE logo consists of the letters 'ASPE' in a white, sans-serif font, centered within a dark blue square. The square has a white border.

### President's Message

10/04/2019

It is already October and 2019 is winding down. Our October guest presenter is Dan Meyer of Grow Up Green who will be presenting on Modular Living Wall Systems. Last month's presentation was by Tim Del Monte of Centria who spoke about Rain-screen Systems and Insulated Metal Panels. Our November presentation and last one in 2019 will be Chuck Bundrick of Dryvit who will be presenting on their new system "NewBrick". In December the chapter takes the month off so everyone can enjoy the holidays with family and friends. Our meetings will then resume on January 8, 2020, presentation pending. February 12, 2020 the presentation will be Progressive Design Build and Delivery Benefits by Brandon Dekker of Cannon Design.

The Fall Northwest Southwest Regional meeting will be held in Las Vegas on October 18th and 19th. The 2020 Summit will be held in San Antonio from August 19 – 22 and the theme will be "Riding the Wave". If you have the opportunity, I recommend both not only for the educational portion but also the opportunity to meet and have fellowship with other estimators.

I want to inform everyone that this will be my last meeting as President of Chapter 3 and will be assuming the role of Immediate Past President. So as to be close to family, we are relocating to Oklahoma City. I have accepted an estimating position with a local general contractor and will start there at the end of October. I have been a member of Chapter 3 for the last 8 years after moving back to Orange County from San Diego where I joined Chapter 4 and earned my CPE. I will transfer my membership to Oklahoma City Landrun Chapter 80. I want to thank the board and committee members who have served with me from the beginning of my tenure with Chapter 3, they are Asoka Sellahewa CPE, Bryon Barker, Wil Beukman CPE and Tom Smithson. The chapter is fortunate to have the leadership serving it as there are 4 past presidents currently on the board: Dan Schottlander CPE, Mike Mills, Danielle Leyva and Wil Beukman CPE. Experienced members are Tom Smithson, Daniel Luckhardt CPE and James Yu. Troy Thomas is the newest member and brings enthusiasm and fresh ideas to the board.

As ASPE is a volunteer organization I want to thank those that have and will be volunteering to assist both the chapter and our national organization in promoting our profession. We encourage and welcome all of our member's participation.

I look forward to seeing everyone at upcoming regional meetings and the National Summit.

Kevin Murphy, CPE. ASPE Chapter 3 President.



#### In this Issue:

- Letter from the President
- Upcoming Dinner meetings
- Dinner meeting recaps

“Professional Estimators and those in training 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”

## Metal Wall Systems: Rainscreen Systems and Insulated Metal Panels by Tim Del Monte. Article by Kevin Murphy, CPE

On Wednesday, September 11th Tim Del Monte of Centria discussed metal wall systems consisting of rainscreen systems and insulated metal wall panels. Centria started in 1906 and have acquired HH Robertson and is now known as Cornerstone Building Brands. There are different types of wall panels which can be used and they consist of single skin, modular and insulated metal panels (IMP).

There are 2 types of IMP's: for commercial / industrial projects and architectural panels. IMP's are a single component wall which originally started as panels for refrigerated buildings and freezers. The interior of the panel can be either laminated or foamed in place. Foamed in place has a stronger bond to the skin.

There are many different types of exterior metal walls systems available such as single skin rainscreen, modular metal panel and insulated metal panels system. Types of systems are drain and back ventilated and pressure equalized joinery. For aesthetics, there are single skin exposed fasteners, single skin concealed fasteners, modular metal panels and aluminum composite material (ACM). Their systems have a 10 year weather warranty. Lead time is critical as each project is custom made and there is not an available inventory of the different types of panels.

ACM panels are being used in retrofit projects as they change a building's look and will also improve the building's environmental performance. One important trend is using halogen free foam panels which are fire retardant.

Material budget pricing for systems vary: single skin \$3 - \$6 per SF; ACM \$15 - \$20 per SF and architectural IMP's range from \$12 - \$17 per SF. Pricing will adjust based on the following factors: color, reveals, miter and quantity. Centria offers both design and engineering support during the preconstruction phase to assist both architects and contractors.

We want to thank Tim for his presentation and describing to us the various rainscreen systems and insulated metal panels.



Tim Del Monte of Centria describes the construction of an Insulated Metal Panel

### Upcoming Programs in 2019:

**October 9:** "Modular Living Wall Systems " by Tim Dan Meyer of Grow up Green

**October 18/19:** Northwest/Southwest Fall Regional Meeting in Las Vegas

**November 11:** "NEWBRICK" by Chuck Bundrick of Dryvit

**January 8:** TBD

**February 12:** "Progressive Design Build and Delivery Benefits " by Brandon Dekker of Cannon Design

### ASPE CHAPTER 3: OBJECTIVE:

The object of this Chapter is to further the recognition of construction estimating as a professional field of endeavor.

We wish to promote education and contribute to the betterment of the construction industry.

We observe and promote ethical standards of conduct.

This Chapter contribute to the establishment and publication of standard construction estimating practices.

We want to promote the certification program by which professionalism to construction estimating and adherence to these standards is recognized.





Kyle Wilson of SidePlate shows buildings which have their proprietary moment frame design.

## SidePlate by Kyle Wilson

Article by Kevin Murphy, CPE

On Wednesday, June 12th Kyle Wilson of SidePlate presented to our chapter. Kyle is a graduate of University of California San Diego in structural engineering. The company started in 1995 as a response, in structural engineering, to the Northridge earthquake. Their system is based on a structural steel building with field bolted moment frame connections. It is a patented, but not proprietary system. SidePlate designs the lateral system and is under contract to the engineer of record who designs the gravity system.

Their design predicts where the failure will occur and then put steel where it is needed most. Failure is designed to be in the beam and not the column. Their system can achieve savings of 0.5 LBS per SF (based on east coast wind loading) to 3.5 LBS per SF (based on seismic loading for a west coast hospital). This calculates to be a savings in the range of \$50 to \$100 per ton. Savings can vary dependent upon current steel pricing.

When a seismic event occurs an advantage of their design is it can be repaired in half the time and cost compared to conventional welded moment frame systems. This allows the building to be re-occupied sooner than a welded moment frame system.

Currently SidePlate is approved for DSA, City of Los Angeles and OSHPOD 3 projects. OSHPOD 1 approval is pending. They continue updating their design through research and development which includes modeling, comparative studies and utilizing the shake table at UCSD. The research and development is supported by engineering, sales and marketing teams.

We want to thank Kyle for his presentation on describing their moment frame system and its advantages.

## Dan Schottlander, CPE

Dan is the current Chapter 3 Vice President .

He was also president 2007-2009.



## Board of Directors [2019/2020]:

**President:** Kevin Murphy CPE

**Vice President:** Dan Schottlander CPE

**Past President:** Ron Svarc LCPE

**Secretary:** Bryon Barker

**Treasurer:** Asoka Sellahewa CPE

**Directors:** Danielle Leyva CPE ;

Daniel Luckhardt CPE;

James Yu;

Troy Thompson

**Committees:** Tom Smithson (Meetings)

Wil Beukman CPE (Newsletter)





AMERICAN SOCIETY  
OF PROFESSIONAL  
ESTIMATORS

*Save the date ...*

## 2020 ASPE Estimators' Summit

Riding the Wave

August 19 - August 22

### The Westin Riverwalk - San Antonio

420 West Market Street, San Antonio \* 210-224-6500

*Home of the Alamo*

\$ 925 - Pre-Registration through 11/30/2019

PDU's Awarded: 16

\$ 975 - Early Registration through 03/31/2020

\$1,100 - Regular Registration through 07/14/2020

Guest Ticket: \$125

\$1,325 - Late Registration through 08/02/2020

Register @ <https://www.ASPEnational.org/mpage/2020Summit>