



## QUALITY. INTEGRITY. INNOVATION.

*Our goal is to facilitate a streamlined process in the healthcare construction & inspection industry. We pursue and align these goals with our Clients, Designers, OSHPD and Contractors through experience, expertise and innovation.*

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## Highlights



SBS joined Encompass Health Rehabilitation Hospital of Bakersfield as Inspector of Record in early 2019. Encompass Health is an 86 bed facility specializing in rehab for stroke, spinal cord, hip fracture and complete neurological & orthopedic conditions.

We are currently working on three projects with Boulder & Associates:

- Replace 10 of the existing rooftop Air Handling Units, new electrical ATS and panel boards with a temporary generator under a separate permit until new equipment is complete
- Fire Alarm Replacement, which consists of updating the existing fire alarm system throughout the older building of the facility

- 16 Pyxis Med Stations - Equipment anchorage with power & data

## SBS Behind the Scenes

### Kelly Hentzen Project Administrator

Kelly joined SBS in 2017 in the Accounting department. Since then, as SBS has continued to grow, her multiple areas of knowledge have become instrumental as it has allowed for her to assist in other areas of the company, including as a Project Administrator at Henry Mayo Newhall Hospital.

Kelly is proactive and takes initiative to ensure that client needs are met, and does it all with a positive attitude.

Kelly has a son who is a long distance hiker. She is an animal lover and avidly rescues unadoptable dogs in need of love and care, and currently has six under her care.

Thank you Kelly for all of your contributions to SBS!



## SBS LABS



The healthcare construction industry can be very technical and it takes years of experience to accurately navigate through the process. We wanted to use this newsletter as not only reading about what SBS is up to, but also as a tool that can provide helpful information for you on your next OSHPD project. Here is this week's topic that we've experienced in the past and hopefully is beneficial to you:

**Codes are always changing, it's hard to keep up. Here's an update we'd like to share that has been long required, with varying interpretation or enforcement, but is now added to the code.**



704.6 Attachments to structural members. The edges of lugs, brackets, rivets and bolt heads attached to structural members shall be permitted to extend to within 1 inch (25 mm) of the surface of the fire protection.

704.6.1 Secondary attachments to structural members. Where primary and secondary structural steel members require fire protection, secondary attachments to those structural members shall be protected with the same fire resistive material and thickness as required for the structural member. The protection shall extend away from the structural member a distance of not less than **12 inches** or shall be applied to the entire length when the attachment is less than 12 inches long. When an attachment is hollow and the ends are open, the fire-resistive material and thickness shall be applied to both exterior and interior of the hollow steel attachment.

*The referenced picture depicts SFRM applied to the gravity load carrying column and primary beams. The BRB's and gusset plates are not part of the gravity load of the structure and are not required to be fire proofed. Although this project was built under the 2013 code cycle, SFRM was still applied to not less than 12 inches for heat transfer, per the approved drawings.*

To understand the marginal markings where changes have been made or language deleted in the code, we've included that information [here](#)

Reference 2019 CBC Title 24, Part 2, Volume 1 of 2

### [Chapter 7, Section 704.6 & 704.6.1](#)

Previous guidance from Spray-applied Fire Resistive Material manufactures required that secondary attachments were to be protected with the same fire resistive material and thickness and extend a distance of not less than 12 inches. The code never addressed this other than the requirement to follow the manufacture's installation instructions [704.13.2] and typically you would see this only on the project drawings or only as guidance by UL or the manufacture. The 2019 CBC has made a change and added 704.6.1. including this requirement.

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As SBS LABS continues the journey of formalizing material to share with you, please take a moment to subscribe to our Youtube Channel to stay on top of all of the latest with [SBS LABS](#).

Contact SBS

Newsworthy



**Hospitals, Regulations, and COVID-19 Challenges**  
**Thursday, November 19 - 9:00 a.m. - 10:00 a.m.**

What will happen to the hospitals' HVAC and building automation operation after

the COVID-19 pandemic is over? More importantly, what happens while we are dealing with the pandemic? ASHRAE Guidance regarding COVID-19 is great; however, it is not a code or an official regulation. Meanwhile, new hospitals as well as additions and modifications to existing hospitals are being designed based upon codes and regulations of the past. Basically, today's hospitals are being designed with a pre-pandemic mindset.

This seminar will address the latest available options for hospital facilities design and construction teams for maintaining safe indoor air quality (IAQ) within the standard of care.

### Speakers

**Frank Shadpour, PE**

*Principal, SC Engineers, Inc.*

**Tim Jacoby**

*Corporate V.P. Facilities Design & Construction, Scripps Health*

**John J. Schrenk**

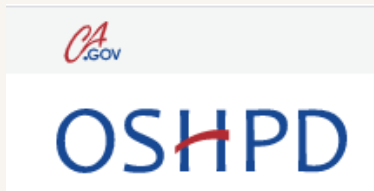
*Regional Compliance Officer-South Region, OSHPD*

**Joel Sanders**

*Compliance Officer-South Region, OSHPD*

**Click the link below to register.**

[Register](#)



### Plan Review Requirements for California Energy Code Webinar

The requirements of the Energy Code are new to California's Healthcare Facilities as of January 2020 and the 2019 California Building Standards Code. The California Energy Commission and OSHPD worked together to publish these requirements.

On Tuesday, December 1st, join OSHPD as they explain the differences between how the California Energy Commission and OSHPD view these requirements when it comes to new buildings, additions and remodel projects and how to show compliance with the energy regulations during plan review.

See [flyer](#) for more information.

To register, click below.

Tuesday, December 1, 2020  
10:00 – 11:30 a.m., Pacific Time

It is free to participate and registration is limited to 500 participants.

Register



If you missed this virtual Forum and want to catch up on the content, see recorded sessions Part 1 and Part 2 of Day 2 below.



Join Bisnow on November 19 for **National Off-Site Construction** from 11 am - 2 pm PT to network and learn from industry leaders. Your digital ticket purchase includes:

- 3 virtual networking opportunities, including 1:1 attendee chat, private video meetings and speed networking.
- 2 hours of the Bisnow content you know and love with 3 panels and 12+ speakers.
- Access to view all sessions on-demand for 30 days after the event.

Register



## HCD Virtual is coming to you November 9-12!

The leading healthcare design industry show is going virtual!

Attendees will have the opportunity to earn more than 20 continuing education credits, network with peers, discuss best practices, and influence the direction of the industry as it advances into the future. Click [here](#) for more details.

Register

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### 2019 CALIFORNIA BUILDING CODE Part 2, Title 24, California Code of Regulations

[CAN 2-102.6](#) – Remodel – 11/08/2019

Action/Comment: N/A

[CAN 2-407.4.1](#) – Direct Corridor Access from Habitable Rooms – 11/12/2015

Action/Comment: 04/23/2020

[CAN 2-407.2.2](#) – Nurses’ Stations – 04/21/09

Action/Comment: 07/08/2020

[CAN 2-703.3](#) – Engineering Judgments – 05/20/09

Action/Comment: 07/09/2020

[CAN 2-2508.2.1](#) – Weather Protection for Gypsum Wallboard – 08/19/2009

Action/Comment: 04/16/2020

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A quote by Arnold Palmer set against a background of a large, dark rock formation in the ocean under a blue sky. The text is white with a slight shadow effect.

The road to success is  
always under  
construction.

Arnold Palmer

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