

TECHNICAL DINNER MEETING: 27 SEPTEMBER 2018



SoCAL CHAPTER

Façade Access Systems and Roof Design Issues



Presented by

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The collage features three main presentation slides:

- Quick Overview of OSHA Changes**: Lists requirements (i.e. *what*) such as § 1910.23: Ladders, § 1910.25: Stairways, § 1910.27: Scaffolds and RDS, § 1910.28: Duty to have fall protection, and methods (i.e. *how*) such as § 1910.29: Criteria and practices, § 1910.30: Training requirements.
- Low-Slope Roofs**: Lists key points: Slope less than 4 in 12; New regulations for maintenance, not construction; Previous regulations harsh/vague; bad combo!; Alignment with construction provisions in OSHA § 1926; Divide roof into zones based upon exposure.
- Overview of OSHA Changes**: Mentions that fall injuries from falls > 4 feet align general industry with construction standards, references 1971 provisions, and notes flexibility in compliance. It also states 'Impact not fully clear' and provides a visit link: <http://osha.gov/walking-working-surfaces>.

The So Cal Chapter of RCI, Inc. invites you to learn, network and dine at our Technical Dinner Meeting at **JT Schmid's Restaurant & Brewery, 2415 Park Ave, Tustin, CA 92782**. This program is designed to improve the knowledge base of consultants, contractors, and design professionals practicing in the roofing, waterproofing and building enclosure field. The seminar provides 1.0 AIA LU's and 1.0 RCI CEH's and includes dinner.

Façade access is an important and often neglected component of the roof system and the building as a whole. Relevant codes and regulations have changed over time and may fall outside of traditional building codes enforced by the authority having jurisdiction (AHJ). This can lead to missing or inadequately designed and constructed façade access systems. The presentation will describe the following:

- Components of common façade access systems
- Why and when a building will require a façade access system
- Relevant codes and requirements governing façade access systems including recent code changes
- Prevalent challenges during the planning, design, and construction process of façade access systems
- Case studies of projects gone awry

The objectives of the presentation are:

1. Identify the need for façade access systems and briefly summarize the relevant codes and regulations governing façade access systems.
2. Identify the role of the architect and engineer in the design of the roof system and relevant design and construction considerations.
3. Discuss coordination requirements during the design, planning, and construction process between owners and the design and construction team members.
4. Describe common pitfalls and problems related to the design and construction of façade access systems prior to, during, and after construction.



Tracy Myers [tracy.myers@gaf.com] is an architect with over 25 years of broad experience in architectural design, project management, construction administration, forensics, and property loss consulting. She specializes in expert witness testimony related to architectural and general construction issues, personal injury defect and accident investigation, building envelope investigation and repair including waterproofing, roofing and fenestration, forensic architecture, litigation support, property loss evaluations, code upgrade reviews, peer review and quality assurance services. Ms. Myers has worked in the forensic field for over 15 years and has provided consulting expertise on a variety of project types including single and multi-family residential, industrial, health care, hospitality, office, commercial and shopping centers. She has served as architect of record on repair / reconstruction projects. Ms. Myers is a Building and Roofing Science Architect with GAF, and is a member of the building science team providing technical thought leadership in the roofing industry.



Gwenyth Searer [gsearer@wje.com] is a recognized expert in facade access systems. She chairs the Architectural Engineering Institute's Facade Access Task Group; she is certified by Cal/OSHA to inspect and test facade access systems; she is the author of fourteen articles and papers on facade access; and she has successfully proposed changes related to facade access and fall protection design requirements in the International Building Code and in ASCE 7-16, Minimum Design Loads and Associated Criteria for Buildings and Other Structures. Ms. Searer is a licensed structural engineer in six western states, including California, and is a Principal with Wiss, Janney, Elstner Associates, Inc., a national engineering, architecture, and materials science consulting firm.

When:

Thursday, September 27th, 2018

Social/Tabletop Exhibits: 5:30 p.m. – 6:45 p.m.

Dinner: 6:45 p.m.

Presentation: 7:00 p.m. – 8:00 p.m.

Where:

JT Schmid's Restaurant & Brewery

2415 Park Ave, Tustin, CA 92782

(restaurant parking available)

Cost:

Registration:

\$45 RCI Members

\$65 Non-members

Tabletop Sponsorship: \$175 (tabletop + 1 dinner)

Registration:

Online at: www.socalrci.org

72-hour cancellation is requested for a full refund.

Map:

