

Adaptive Reuse: Strategies for Success

TECHNICAL DINNER MEETING: 07 June, 2023

Presented by:

Erica Reynolds, PE, RA

Senior Associate, McGinnis Chen Associates, Inc.



Typical Challenges

- Building Enclosure
 - Below grade
 - Insulation
 - Windows
 - Façade
 - Roofing
- Hazardous Materials

Synopsis of Presentation:

Through jurisdictional incentive programs and the rise of telecommuting technologies, adaptive reuse of existing and historic structures is quickly becoming a more common project type for designers. Many property owners are looking to convert their old office and industrial buildings into the much-needed and more lucrative high density housing. While repurposing structures can result in distinctive and attractive housing options, adaptive reuse projects pose a myriad of challenges to building design and construction. Through personal experience with investigating and designing these types of the projects, the speaker will discuss challenges associated with adaptive reuse conversion, long term maintenance requirements, and risk mitigation techniques as they relate to the building enclosure. Presenter will discuss the unique challenges adaptive reuse and historic structures pose to below grade structures,

exterior walls, windows, and roofing. The speaker will also show how computer modeling programs and diagnostic testing will help to analyze the existing building enclosure and assist in the design of the conversion. The presenter will use project case studies to highlight the particulars of Adaptive Reuse. This presentation is intended for building owners, designers, consultants, builders, facilities personnel and contractors to examine issues and solutions throughout the adaptive reuse process.

Learning Objectives:

1. Discuss how different jurisdictions are encouraging Adaptive Reuse.
2. Review challenges adaptive reuse poses to the Building Enclosure.
3. Evaluate various design solutions to address said challenges.
4. Understand different challenges and risks inherent in rehabilitation and maintenance of historic structures.

Meet your Presenter:



Erica Reynolds is a licensed Architect and registered Professional Engineer in the State of California and Senior Associate at McGinnis Chen Associates, Inc (MCA). Erica manages and directs MCA's Southern California office based out of Long Beach, CA. She joined MCA in 2013 and has managed numerous projects including building enclosure design and consultation for new construction and remodels and investigations and evaluations on several building assemblies. Erica has presented several times at conferences, seminars, and workshops for AIA, CSI, and IIBEC. Erica serves as the President on the Board of Directors for the Southern California chapter of IIBEC.

When:

Wednesday June 7th, 2023

Where:

2000 Powell Street Conference Center

Registration & Networking: 5:30 - 6:30 pm

Dinner Served: 6:30 pm

Presentation / Q & A: 6:45 - 8:00 pm

2000 Powell Street, Second Floor

Emeryville CA, 94608

Parking Garage is Hourly, Parking on Powell Street is Free - *Subject to Availability* (see highlights below)

Cost:

Registration:

\$60 (IIBEC Members) / \$75 (Non-Members)

How to Register:

Online Registration at:

NorcallIIBEC.org

Tabletop Sponsorship

\$200 (Tabletop + 1 Dinner)

72-hour cancellation is requested for a full refund.

Map:

