

Agenda

Presented by Ted Reiff

Purposes and Benefits of Demolition and Deconstruction

Overview of US building stock: resources or liabilities?

Impact of building codes and standards

Demolition

- Demolition procedures
- Effects of demolition: cost, schedule, environmental impacts

Deconstruction

- Deconstruction procedures
- How deconstruction affects the budget and the schedule
- Environmental impacts
- Historical preservation considerations

Analyzing feasibility of deconstruction

Marketing deconstruction to owners, developers

Markets/Uses for Deconstructed Materials

Evaluating deconstructed materials

Reuse onsite

Donating materials for reuse

Finding markets for materials

Recycling materials

Material-Specific Deconstruction Methods

Wood	Steel
Masonry	Concrete
Roofing materials	Doors and windows
HVAC equipment	Electrical equipment
Plumbing fixtures	
Interior finishes and assemblies	

Planning and Conducting a Deconstruction

Obtaining a deconstruction survey/site assessment

Setting waste reduction goals

Preparing a waste management specification
and reviewing the waste management plan

Assessing health and environmental impacts

Locating labor and markets

Obtaining contracts and permits

Monitoring the deconstruction process

Deconstruction vs. Demolition
South San Francisco, CA - Thursday, April 11, 2019

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Learning Objectives

You'll be able to:

Discuss the costs and environmental impacts of demolition and deconstruction.

Understand how deconstruction affects the project budget and schedule.

Evaluate deconstructed materials for potential reuse, donation, and recycling.

Explore deconstruction methods for wood, steel, masonry, concrete and other common materials.

Learn how to set waste reduction goals, locate deconstruction labor and identify markets for reusable materials.



Deconstruction vs. Demolition

South San Francisco, CA - Thursday, April 11, 2019



Examine and compare the feasibility of deconstruction vs. demolition

Understand the markets and uses for deconstructed materials

Learn about material-specific deconstruction methods

Receive practical tips on planning and conducting a deconstruction

Continuing Education Credits

Professional Engineers

6.5 PDHs

Architects

6.5 HSW Continuing Ed. Hours*

6.5 AIA HSW Learning Units

Contractors

Non-Credit Continuing Ed.

*Does not qualify for California accessibility requirement



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Faculty

Ted Reiff is the founder and president of The ReUse People of America, Inc. (TRP), an environmental organization that salvages used building materials and markets them in California and Mexico. TRP is a leader in the emerging field of deconstruction, which, unlike traditional demolition, involves the careful dismantling of buildings in order to preserve their reusable components.

In the 25 plus years since its founding, TRP has deconstructed over 3,000 residential, commercial and industrial buildings ranging from single-family residences to military housing complexes and large-scale movie sets. TRP has diverted over 250,000 tons of materials from landfills throughout the state of California and another 150,000 from its activities in eleven other states: Washington, Idaho, Utah, Arizona, Colorado, Texas, Missouri, Illinois, Connecticut, Arizona and North Carolina.

TRP is headquartered in the San Francisco Bay area, with additional offices serving Los Angeles, Orange County, San Diego, and the states of Washington, Idaho, Utah, Arizona, Colorado, Texas, Illinois, Wisconsin, Connecticut and North Carolina. In addition, the company recently expanded to Vancouver, British Columbia.

TRP works collaboratively with contractors, architects and designers, Habitat for Humanity, specialty wood mills, consignment stores and resellers of used building materials. TRP is a member of the U.S. Green Building Council and Building Materials Reuse Association.

Early in his business career, Mr. Reiff was a retail systems consultant for an international consulting company specializing in distribution systems. Prior to founding TRP he was managing partner for an investment banking firm that provided a variety of financial services to young technology companies.

He is a forklift and OSHA construction outreach trainer and holds a life-time teaching credential from the California Community College System. He is personally responsible for the training of over 50 contractors and 500 deconstruction workers.

Seminar Information

**Courtyard San Francisco Airport/
Oyster Point Waterfront**
1300 Veterans Boulevard
South San Francisco, CA 94080
(650) 871-4100

Registration
8:00 - 8:30 am
Morning Session
8:30 - 11:45 am
Lunch (On your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 4:30 pm

Tuition

\$289 for individual registration
\$269 for three or more registrations.

Included with your registration:

Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states with continuing education requirements. This seminar does not qualify for California's mandated accessibility continuing education requirement for architects.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved architect continuing education sponsor for New York architects.

This course also offers a non-credit continuing education opportunity for construction contractors. Credit approval is not being sought in any state with a contractor continuing education requirement.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Additional Learning

Webinar Series

Soil Mechanics and Retaining Wall Design

• **Soil Investigation and Classification**
Wed., Feb. 27, 2019, 11:00 AM -1:00 PM CST

• **Retaining Walls: What They Do and How They Do It**
Wed., Feb. 27, 2019, 1:30 -2:30 PM CST

• **Geosynthetics and Retaining Walls**
Thurs., Feb. 28, 2019, 11:00 AM -1:30 PM CST

• **Retaining Wall Failures and Fixes/Site Layout and Prevention**
Thurs., Feb. 28, 2019, 2:00 -4:00 PM CST

National Electrical Code

• **National Electrical Code, Part I**
Wed., March 6, 2019, 11:00 AM - 3:30 PM CST

• **National Electrical Code, Part II**
Thurs., March 7, 2019, 11:00 AM - 3:30 PM CST

• **National Electrical Code, Part III**
Fri., March 8, 2019, 11:00 AM - 3:30 PM CST

Commercial Solar Peaker Batteries

• **Commercial Solar Peaker Batteries, Part I**
Wed., March 13, 2019, 11:00 AM - 3:15 PM CDT

• **Commercial Solar Peaker Batteries, Part II**
Thurs., March 14, 2019, 11:00 AM -2:15 PM CDT

Handling Ethical Issues in Professional Engineering Practice

Fri., March 15, 2019, 11:00 AM -12:00 PM CDT

Structural Forensic Engineering

• **Introduction to Forensic Engineering Process**
Wed., March 27, 2019, 11:00 AM -1:00 PM CDT

• **Causes of Failures and the Forensic Engineering Report**
Wed., March 27, 2019, 1:30 -3:30 PM CDT

• **Forensic Examination of Structures and Use in Litigation**
Thurs., March 28, 2019, 11:00 AM -1:00 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$269. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

Deconstruction vs. Demolition

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How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900		Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066		Name: _____ Occupation: _____ Email: _____ Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Name: _____ Occupation: _____ Email: _____ Phone: _____
Complete the entire form. Attach duplicates if necessary.		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
		() I need special accommodations. Please contact me.

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

() **I am not attending.** Please send me the self-study package:

Downloadable MP3 Audio/PDF Manual for **\$269.00**.

CD/Manual Package for **\$289.00**.

(Please allow four weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____