

Salvaging the Past: Environmental and Preservation Issues in Architectural Salvage

In the fall of 2016, the Portland, Oregon City Council passed the nation's first deconstruction law. All homes built prior to 1916 in the city, whether they are designated historic or not, must be salvaged rather than discarded. Historic preservationists have always maintained that the "greenest building is the one that's already built," and new incentives for salvage can help support California's ambitious greenhouse gas emission goals.

The first half of the workshop will examine how we – as preservationists or contractors working on historic buildings – understand and approach architectural salvage. What issues arise in regards to the Secretary of Interior Standards, or of creating a "false" sense of history? How can the use of salvaged materials help offset the carbon footprint of a rehabilitation project, and how does it play into LEED certification for existing buildings?

The second half of this workshop will give you the opportunity to work hands-on with salvaged hardware for all periods and styles dating back to the late 19th century. Become familiar with the quintessential styles of the Victorian, Arts & Crafts, Art Deco, Art Moderne, Mid-Century Modern, and even Postmodern eras of architecture.

What You Will Learn...

1. Identify the styles and periods of typical architectural hardware dating from the late 19th century to the present.
2. Roughly estimate the greenhouse gas emission reduction attributable to projects using salvaged materials.
3. Determine how architectural salvage for historic rehabilitation projects plays a role in LEED EBOM certification standards.
4. What is embodied energy, and how can historic preservation better communicate its positive impact on reducing greenhouse gas emissions?

Target Audience: professional and student planners, architects, structural engineers, realtors, general contractors, interior designers, architectural historians, and more

Speakers:

- **Elizabeth V. Gordon**, Owner, Liz's Antique Hardware / The Loft at Liz's;
- **Terri Hartman**, General Manager, Liz's Antique Hardware
- **Dominique Hargreaves**, EcoDistricts AP, ENV SP, LEED AP BD+C, WELL AP, Executive Director, US Green Building Council - Los Angeles
- **G. Taylor Loudon**, AIA, Loudon Historical Architecture
- **Ted Reiff**, President, The ReUse People
- **Maya Williams**, President and Principal Designer, Maya Williams Design, LLC.

SCHEDULE

9:00 to 9:15 Welcome by CPF, outline of day's events

9:15 to 10:00 Tour of store by Liz Gordon

BREAK

10:15 to 12:00 ***Embodied Energy Issues*** panel discussion

Panelists: Liz Gordon, Ted Reiff, Dominique Hargreaves

- What goes into salvaging hardware and lighting?
- What are the issues that determine when salvaged, rather than in-kind, pieces are used?
- How can, or does/should use of salvaged help with LEED certification?
- LEED EBOM discussion – points for reuse of existing materials?

12:00 to 1:00 Lunch provided by Liz's Antique Hardware

1:00 to 2:00 ***Notes From the Field*** Case Examples + Panel

Panelists: Kelly Sutherlin McLeod, George Taylor Loudon, Maya Williams

- How do design professionals determine when to use salvaged pieces, and when to use in-kind pieces?

2:00 to 3:45 Hardware Style Identification Scavenger Hunt

Speaker: Terri Hartman

- Attendees draw randomly from a list of iconic architectural styles, periods, and typologies.
- Attendees browse the store and photograph the pieces that would be used in that particular period
- General discussion of the hunt, participants' photos and responses

3:45 to 4:00 workshop wrap-up, distribution of reference materials