

WoodTALKS™

STUDIO

LIVE WEBINAR AND LUNCH & LEARN SEMINARS 2022-2023



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AIBC
ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA
Recognized Educational Provider



It's not waste, it's just wasted – Deconstruction, Salvage & Reuse

1 LEARNING HOUR | AIBC 1 CORE LU | AIA 1 LU | BC HOUSING, 1 CPD, INFORMAL

Description:

This talk will outline deconstructing buildings instead of demolishing them, and the reclaimed building product possibilities created from the salvaged goods. The talk will be broken into 3 sections: Unbuilding, Reclaimed wood & products, and the future of the industry. We will begin by outlining the construction waste problem plaguing our industry and cities before showing existing solutions and the exciting future ahead.

The unbuilding section will outline the difference between traditional demolition, 'green' demolition and deconstruction. Visuals of all 3 services will be shown and the facts and figures of how impactful the transition to deconstruction will be - economically, environmentally and socially. Unbuilders' business models will be presented - donation & acquisition model. The business models are contingent on material outlets and with the wave of deconstruction coming, large scale reclaimed wood manufacturing is required.

This transitions into reclaimed wood and reclaimed wood product offerings - all from locally salvaged buildings. Displayed will be typical materials that are salvaged (initial salvage and structural), their value, and their destination. We will outline and have physical examples of current and near term product offerings. We will leave room open to discuss and explore other products that may be of interest for our team to consider in the future.

Lastly the talk will explore how to design with reclaimed materials - the benefits and the challenges. The session will end by looking at the future of both deconstruction and construction with the urge for the professionals in the room to start designing with product and building end use in mind - design for disassembly.

This session will be presented by an industry professional from Unbuilders and Heirtage Lumber

Learning Objectives:

- 1- Understanding why it is important to transition to deconstruction & using locally salvaged reclaimed materials
- 2- How to speak about and convince clients that deconstruction is important and the method to utilize on redevelopment and renovations
- 3- Selecting, specifying and designing with reclaimed materials
- 4- Design for disassembly - making the buildings of the future circular - no more single use buildings.

