

John Ciepiela: Project Manager, Swinerton Builders

"Concrete and Cross Laminated Timber Constructability"

Thursday, November 29, 2018

4:30 pm

Wolff Auditorium 114, Jepson

When studying to become an engineer, often times our ability to imagine how things are built can be clouded by our effort to understand the science behind the design. This doesn't change in a real world application where the construction and the associated design administration of a project sometimes becomes as technical and intensive as the initial design itself. In this presentation, John and his colleague Zachary Brehm (Project Manager, Swinerton) will outline what they do as builders to bridge the gap between design and feasibility to meet their client's needs with support of architects and engineers alike. They will cover recent design innovations of cross laminated timber and real world applications, integration of mechanical and plumbing needs to a structures design, as well as outline general concrete formwork applications, more technical formwork applications, and recent design efficiencies seen with post-tensioned decks.



John, who is originally from Albuquerque, NM, graduated from Gonzaga's School of Engineering and Applied Science as a Civil Engineer in 2010 and completed his MBA from Gonzaga with a concentration in finance in 2011. After graduation John joined Kiewit Infrastructure West, working as a field engineer and later a superintendent. John worked with Kiewit on heavy civil and technical bridge projects such as The DFW Connector Interchange in Dallas, TX, The Honolulu Light Rail Project in Hawaii, and The Tilikum Crossing in Portland, OR.

After Kiewit, John joined Swinerton in Portland, OR in 2015. With Swinerton, John has been helping the Swinerton Portland Division deliver projects such as the Ilani Casino, The First Tech Credit Union Corporate Office and a parking structure at First Tech Credit Union. John is currently the project manager on the new Washington County Event Center in Hillsboro, OR.



School of Engineering
& Applied Science

