

# E.H. Price Breakout Room

10:05 AM - 10:55 AM

## BIM Contract Index & CCDC 30

Overview of BIM and IPD/CCDC30, with details on the IBC Contract appendix its usage, and how to navigate a BIM project better.

### About Sean Usher

Sean is the Director of Design Technology & Innovation at Republic Architecture. With over 10 years of experience in the AEC industry, he has led design technology implementation and applications, including BIM management, visualization, reality capture, and model analysis. Sean is also a founding member of the Winnipeg BIM Community, a BuildingSMART Canada affiliate group, and helps lead its efforts to promote and support digital delivery practices locally.



**Sean Usher**  
Republic Architecture

11:05 AM - 11:55 AM

## The Net Effect

John Enns from The Net Effect will help you assess your business, its pain points, and constraints so you can choose the best construction software for your business. The goal of this presentation is to help you and your business be more informed about your software solution options so you can be more efficient, profitable and prepared for growth. Considerations include:

- Evaluating your business needs and your company profile
- Your company's pain points and how software can help to set your company up for profitability and growth
- Finding and then assessing the best construction software for you
- The Canada Digital Adoption Program (CDAP) and how it can help
- Interest free loans of up to \$1000,000 for Digital enhancement from CDAP
- Grants available from CDAP of up to \$15,000 for a digital plan

### About John Enns

John, a partner at The Net Effect - Contractor Advisors, brings over 20 years of construction industry experience, including 15 years as Manitoba Business Development Manager at Vector Construction Ltd. He excelled in relationship building, estimating, and project management, contributing to constant growth at Vector. Serving on the Winnipeg Construction Association board since 2013, John is the Immediate Past Chair. He also held a position on the Canadian Construction Association board as the Manitoba Director at Large for four years, ending in 2019. Committed to finding more efficient practices, John is eager to assist other contractors in growing their businesses.



**John Enns**  
The Net Effect  
Contractor Advisors Inc.

# E.H. Price Breakout Room

1:35PM - 2:25 PM

## Today's Energy Savings, Tomorrow's Impact

How Efficiency Manitoba is leading a sustainable future and the importance the Manitoba contractor/trade network plays.

### *About Anna Schappert*

Anna is a Mechanical Systems Professional with Efficiency Manitoba. She has over six years of experience within the commercial building sector, specifically relating to mechanical building systems. Currently she provides technical support for the Efficiency Manitoba team in mechanical systems serving the residential and commercial sectors.

### *About Rob Boresky*

Rob Boresky is a Mechanical Systems Engineer with Efficiency Manitoba, and technical lead for the commercial engineering group. Rob provides technical guidance for a variety of incentive programs, primarily for the New Buildings, Commercial Energy Audit, and Deep Energy Retrofit Programs, and specializes in whole-building energy modelling. Rob's prior experience includes working for over eight years as a mechanical engineering consultant and energy modeler for a wide variety of commercial, industrial, and institutional buildings in Manitoba.

### *About Zaw Aungkyaw*

Zaw Aungkyaw is an Electrical Engineer working with Efficiency Manitoba. With a career spanning the oil and gas industry, where he specialized in designing control and generating equipment, to a career as a consultant in the building and construction sector, providing electrical designs for projects across Canada, Zaw has a diverse background as an Electrical Engineer. Currently, Zaw provides technical guidance in developing and delivering incentive programs to help Manitobans reduce consumption of electrical energy, demonstrating his commitment to sustainability.



**Anna Schappert**  
Efficiency  
Manitoba



**Rob Boresky**  
Efficiency  
Manitoba



**Zaw Aungkyaw**  
Efficiency  
Manitoba

# E.H. Price Breakout Room

2:35PM - 3:25 PM

## Transitioning to Net Zero for Small to Medium Sized Buildings

DGH Engineering Ltd. leverages its experience in integrated mechanical and electrical engineering for small-to-medium buildings to help contractors assist clients in achieving net-zero, net-zero ready, or near-zero goals. By integrating electrical and mechanical design choices at the project outset, clients can achieve cost-effective low-carbon systems. Our team will discuss HVAC equipment for construction and renovation projects, along with cost-effective sizing, fuel switching, and dual fuel solutions for heating systems in such buildings. We'll also explore Manitoba Hydro's roadmap implications, emphasizing the integration of electrical designers in decision-making for mechanical systems and the use of electronic controls to limit demand loading. Using integrated electrical and mechanical systems for optimal fuel switching and load shedding, contractors can provide clients with cost-effective, zero or near-zero carbon systems.

### *About Jesse Nugent*

Jesse Nugent works in the mechanical engineering department at DGH Engineering (DGH). He has over fourteen years of experience as part of design teams delivering mechanical engineering consulting services for renovation and new construction projects. Jesse specializes in mechanical building systems and has a special interest in alternative energy design. Jesse has worked on numerous mechanical renovation and new construction projects.

### *About Richard Granger*

Richard Granger, Senior Mechanical Engineer, Project Manager, and Mechanical Department supervisor at DGH Engineering, brings eighteen years of experience in mechanical engineering consulting for renovation and new construction projects. Specializing in HVAC, piping, plumbing, and site grading/stormwater drainage design, Richard also conducts energy efficiency analysis. His expertise extends to industrial process design and interpretation/application of NFPA codes. As a mentor, he guides the mechanical engineering team and regularly liaises with clients and project managers.



**Jesse Nugent**  
DGH Engineering



**Richard Granger**  
DGH Engineering

**e.h. price**