

PA Concrete Masonry Association & Mid-Atlantic Masonry Association Members,
YOU ARE INVITED TO AN IMPORTANT MEMBER EDUCATION EVENT

When: THURSDAY, APRIL 18, 2019 --- 1:00 to 4:00PM

Location: Swatara Municipal Building – 599 Eisenhower Blvd, Harrisburg, PA 17111

Who Should Attend: Producer Member Owners, General Managers, Architectural Sales Reps, All Sales Staff, Masons and anyone else interested in these topics. Associates are also encouraged to attend – especially those in the cement, reinforcing, anchoring and other design related industries.

Topics: **NEW Updated Design Direct Design of Masonry Software – Masonry IQ Software -- and Comcheck for Energy Code Compliance**

The purpose is to show our members new software that is available to make masonry design easy.

If you know about this software, then you can encourage architects, engineers and masons and others to use it!

This awesome software does us no good sitting on the shelf!

[Lots of hands on opportunities throughout the training.](#)

PROGRAM DESCRIPTIONS & PRESENTERS

Direct Design of Masonry Software – Presented by Jason Thompson, Vice President of Engineering at the National Concrete Masonry Association. Jason is one of the developers of the software. **A complete masonry building can still be designed in a matter of minutes.**

Building designs are compliant with the 2015 building codes and it has capabilities including:

- Design up to 60 ft. tall buildings using any code-permitted specified compressive strength of masonry
- Use of CMU from 6-inch to 14-inch width units
- Use of any mortar type permitted by code
- Use of Steel reinforcement from No. 4 to No. 9

AND with the new OPTIMIZER system – the system will optimize the design.

PLUS – we ask that each attendee download the trial version of the Direct Design of Masonry software at www.directdesignsoftware.com and have it in your laptop for the training session.

You will learn to use the software yourself and see how really easy it is to design a building.

You can then really tell the designers of the benefits of this wonderful new tool!!

Masonry IQ software – presented by the developer of the software, Tom Cuneio, owner of 3DiQ and developer of the software.

Tom will be presenting the latest updates to Masonry iQ – the Revit plugin that is empowering masonry design for architects. Masonry iQ automates many of the time consuming detailing

efforts required by architects to design with masonry. Custom patterns, accurate elevations, wall sections, control joint placement, bond beam placement and other critical details are all handled in a central masonry data model. Masonry iQ also renders building in spectacular fashion using content from local producers. The presentation will also preview features in development like rebar modeling and MUD integration. Other masonry modeling technology like clash detection, coordination, laser scanning and production order staging will be discussed.

PLUS – Tom will also do a live demonstration of masonry in VR (virtual reality) with virtual glasses that allow you to “walk through” the building after design. This is so cool – you don’t want to miss this opportunity!

Comcheck Program Training – Jason Thompson will give you a brief training on how this program can and should be properly used to determine energy ratings on structures. You will become familiar with some terminology that is important for you to understand since the entire Mid-Atlantic Region is now under the 2015 version of the Codes including energy codes.

This is another hands on opportunity so be sure to bring your laptop!

--- PCMA is making this event possible for a cost of only \$50 per person. ---

To register for this event, please email Jan Boyer (jboyer@pacma.com) at the PCMA office and you will receive a confirmation by email that you are included in the attendees and an invoice will be sent.