

## Target Audience – Architects & Engineers

### Presentation Description:

Masonry Notes for Structural Drawings will discuss the “how” and “why” specific to each element of structural masonry (spec for block strength, mortar type and grout strength). Masonry Prototypes will explore different types of wall design and flexible masonry corridor walls. The Masonry Detail series will highlight typical 2D and 3D structural masonry details including practical usage, limitations and common errors.

### Learning Objectives –

- Learn the specifics of structural masonry elements, discuss general notes and common errors
- Gain an understanding of partition wall design, common masonry walls and flexible masonry corridor walls
- Acquire knowledge of how and when to use masonry details, their limitations and “typical” masonry errors



### Presenter Bio – Cathleen Jacinto, SE, PE

Cathleen has 16 years of experience in the design industry as a structural engineer. A seasoned project manager and team leader, Cathleen collaborated on a variety of building design projects while at Thornton Tomasetti and T.Y. Lin International in Chicago, Illinois. Her resume includes small to large-scale project types in healthcare, aviation, commercial, infrastructure, cultural, and steel connection design located in the U.S. and abroad. Since joining FORSE in May 2015, Cathleen provides structural engineering design, modeling, and detailing services in collaboration with other structural engineering firms. Her solid knowledge base of various building materials, including steel, masonry, concrete, and wood contributes to FORSE's designs, seminars, and publications. She serves as a technical consultant to the Illinois Structural Masonry Coalition. One topic Cathleen highlights is structural masonry analysis and design. Cathleen also currently holds the position of Technical Consultant with SE Solutions, LLC where she provides technical input to structural engineering webinars as well as writes technical documents that serve as resources for the practicing structural engineering community. Cathleen has a Professional Masters in Structural Engineering from the Illinois Institute of Technology and a Bachelor of Science in Civil Engineering from the University of Illinois Urbana-Champaign. She is a licensed Structural Engineer (SE) and Professional Engineer (PE) in the State of Illinois.

