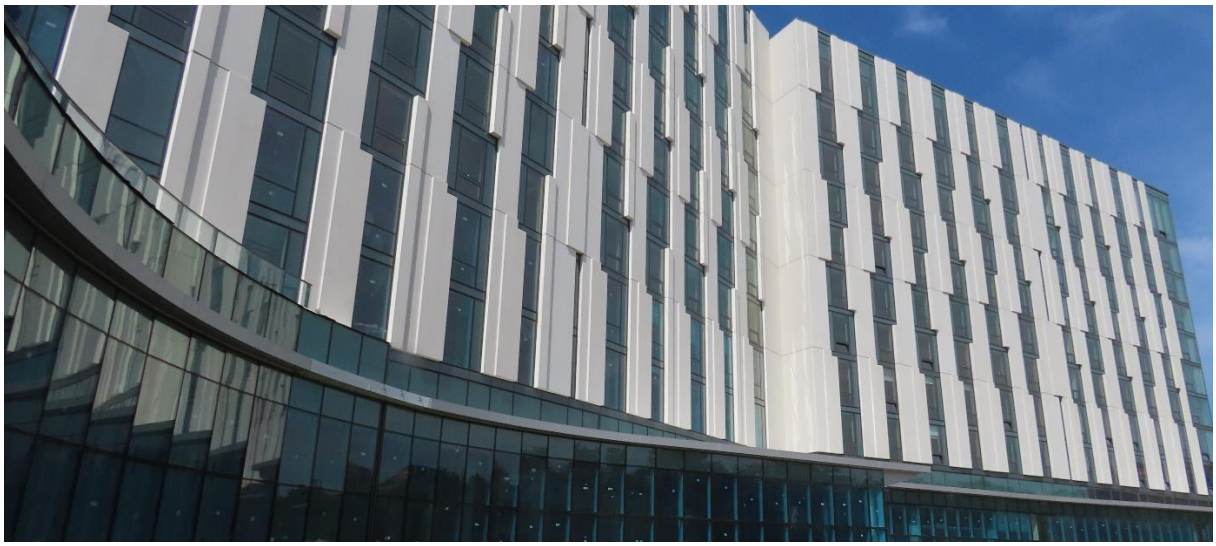

Constructability of Precast Concrete – Part II

(1.0 hours, 1.0-AIA HSW)

As discussed in the "Constructability of Precast Concrete" presentation, we are seeing more precast concrete being used in diverse construction projects and underlines the pivotal role of understanding the expectations, standards, and constructability concerns associated with precast concrete. This presentation will expand on the discussion and offer practical concerns and solutions to be able to integrate into every project. By addressing these concerns early, the designer and contractional professional will be equipped with the information to preemptively address the concerns and ultimately ensure project success and minimize costly field rework.

HSW Justification:
The health and welfare of the building and its occupants depend on properly designed precast concrete with integral insulation and building air tightness.

Learning Objectives:

1. *Emphasize the importance of integrating allowable tolerances into the initial design and detailing phases to ensure the final product meets desired specifications.*
2. *Provide proactive measures and best practices for identifying and mitigating these issues early in the design and planning stages, reducing the likelihood of costly rework and delays in the field.*
3. *Identify critical areas of concern in the design-to-construction transition phases, where precast panels interface with other building elements like roofing and windows and interior components.*
4. *Provide examples of successful projects where collaborative efforts led to efficiency and reduce overall project costs.*