



Session 41 - Emerging Design and Construction Considerations

(1.0 hours-AIA HSW) Pepper-041



Building envelope components, common building element specifications, and building life safety are essential to the long-term success of any project. It takes an understanding by all parties of the intent to make the building perform properly. Knowing what to include in the Construction Documents and paying attention to the little details, joints, and penetrations must be constantly reviewed and confirmed. Proper coordination of materials will make the quest to create the best possible building a reality. Construction lessons learned are discussed and dissected to improve future detailing and specifications.

We will review and design air, moisture, vapor containment that affects the health of the occupant and building. The specification discussion will specifically go into the health and welfare of the building occupants.

Learning Objectives:

1. Review common building elements, life safety components, and construction concerns witnessed in the field when not specified correctly.
2. Understand tolerances regarding the construction process and methods to address the concern.
3. Coordinate between the specifications and drawings to understand how different building components currently do not address the specification gaps for a tighter building.
4. Assess and apply what is discussed to your construction documents for more confident design and detailing.