

Detailed Course Timeline

Course Name:

Three Building Envelope Construction Methods for Increased Windstorm Resistance: Case Studies and Practices

- 1. Introduction..... 15 minutes**
- 2. High Performance Wall System: Case studies35 minutes**
 - a. Cast-in-place concrete
 - b. Insulated concrete forms
 - c. Structural insulated panels
- 3. Break 10 minutes**
- 4. Design to Reduce Risks..... 5 minutes**
- 5. Water Intrusion..... 25 minutes**
 - a. Major intrusion drivers
 - b. Risks and prevention: Stucco
 - c. Risks and prevention: Soffits
 - d. Risks and prevention: Roof vents
 - e. Risks and prevention: Windows
 - f. Risks and prevention: Doors
 - g. Risks and prevention: Slab seat
- 6. Review 5 minutes**
- 7. Evaluation..... 5 minutes**