

# BrewerEscalante

AIA/CES

March 10, 2011

**Topic:        Coordination with the Civil Engineer**

## **Abstract**

David Brewer will outline recommended coordination processes between the Architect, Civil Engineer and the other disciplines in a building construction project. This presentation will be of special interest to architects, MEP Engineers and Civil Engineers.

The scope of services of the Civil Engineer will be discussed. The due diligence required for land and site developments will be discussed. The progress of the Civil Engineer's services will be related to the classical design phases (schematic, design development, construction documents) of an A/E project. The information that the Civil Engineer needs from the other disciplines will be identified. The information that the Civil Engineer needs to provide to the other disciplines will be identified.

*Coordination with the Civil Engineer* is a very practical seminar based on actual project experience.

## **Learning Objectives**

At the end of this program participants will be able to:

1. Use the Civil Engineer's Scope Checklist to identify, negotiate and administer the engineering scope within the A/E Team.
2. Use the Due Diligence Checklist to assess the Owner's risk tolerance and assign and administer the due diligence scope within the A/E Team.
3. Use the Big 5 for Site Developments Checklist to more effectively review and evaluate the civil engineer's plans.
4. Use the Civil Engineer's Progress Milestones Checklist to negotiate the desired level of progress to be achieved by the civil engineer at each milestone in the design process and to review and evaluate the actual progress made during the performance of services.



*Coordination with the Civil Engineer* has been approved by the AIA. The seminar is designed to fill one (1.0) hour and will provide AIA member credit of 1.0 LU Hour (general course learning unit). As the provider, we will record and report AIA member credit information to the AIA. A certificate of completion will be provided to all attendees who request one.