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## ***Allan Block Basic Engineering Presentation – Segmental Retaining Wall Design***

### **Course Description**

The Allan Block retaining wall design presentation is a course on segmental retaining wall (SRW) technical information. The intent is to develop an understanding of how all SRW's function to ensure that these wall structures are properly designed. As part of the presentation, the advancements in the industry will be discussed, which include seismic design consideration and the addition of Internal Compound Stability.

Attendees can expect to gain the following skills:

1. Recognize the advantages of SRW's
2. Describe the principles of wall design and how SRW products work
3. Review of the principles used in Internal Compound Stability
4. Details on the full-scale seismic testing conducted in Japan
5. Identify the details required to ensure walls are constructed to meet design requirements
6. Identify reasons why retaining walls fail

### **Ideal Attendee**

Engineers will be exposed to how and where SRW's can be used to solve land usage issues when detailing job site layout and development. Attendee will leave with an understanding of what impacts the retaining wall design as well as the changes within the industry. Additionally, this course is useful for building officials, inspectors and architects who require increased technical knowledge about SRW's.

### **Requirements for Successful Completion**

1. Attendance for entire course
  2. Completion of the End-of-Course Assessment
- \*IACET CEU's awarded upon successful completion = 0.1