



## Membership Meeting Minutes

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**Date:** May 4, 2010

**Location:** Rhode Island Department of Administration, Conference Room C

**Attendance:** Ryan Sutton  
Daniel Batt  
Harry DiZoglio  
Mag Guirguis  
Ramzi Loqa  
Dan Schinler  
Michael Veegh  
Erik Nelson

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### Minutes:

1. Guest Speaker: Erik A. Nelson, PE gave a presentation entitled “Practical Seismic Design – A Discussion of the Equivalent Lateral Force Procedure”. The purpose of this presentation was to discuss seismic design using the most commonly applied method, the equivalent lateral force procedure. Erik set up a simple three story building and determined how to approach this procedure via hand calculations. He talked about mass and stiffness and how to accurately calculate and model the lateral system and obtain seismic story shear, period(s), base shear, and applied story forces with the latest updates using IBC 2009 / ASCE 7-05. He discussed setting up the response design spectrum and how the period and seismic demand are influenced by the soil, stiffness and mass.
2. Closing remarks and adjournment

c/o Olsen Engineers, Inc.

235 Promenade Street  
Suite 475  
Providence, RI 02908

APPROVED BY:

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Ryan Sutton, Secretary