



CREIA/ASHI Orange County Chapter Toolbox



STRUCTURAL ENGINEERING ISSUES IN BUILDING INSPECTIONS

Speaker: Massood Gaskari, P.E.

DATE:	Saturday, September 11, 2010
TIME:	7:30 am - 12:30 pm <ul style="list-style-type: none"> • Check-in 7:30 am to 8:00 am • Coffee and donuts provided in the morning. • Water and sodas provided. <p>**Followed at 1:30 pm by Optional Tour of a LEED Platinum Home currently under construction in Laguna Beach - no additional cost to toolbox attendees**</p>
LOCATION:	Neighborhood Congregational Church, 340 St. Ann's Drive (parking lot at Glenneyre), Laguna Beach, CA 92651.
DESCRIPTION:	<p>This four hour session, presented by Massood Gaskari, Registered Civil Engineer in California, will cover the concept of structural engineering in the buildings. The session will discuss how structural design of buildings has changed throughout time and the significance of these changes as they relate to building inspection. The session discusses structural engineering concepts through cross sections and case studies to both simplify the concepts and also to visually communicate the technical issues. The entire session is filled with structural "red-flags" the building inspectors should look for.</p> <p>Outline:</p> <ul style="list-style-type: none"> • Role of Engineers in the Development Process • Building Design & Construction - Old & new • Red Flags - When Things do not Look Right • Case Studies - Red Flags, Evaluation, & Mitigation: <ul style="list-style-type: none"> ○ Roof Framing - Key Concepts & Details, Types, Issues ○ Wall Framing - Key Concepts & Details, Types, Issues ○ Floor Framing - - Key Concepts & Details, Types, Issues ○ Foundations - Key Concepts & Details, Types, Issues ○ Retaining Walls - Key Concepts & Details, Types, Issues • Q&A
SPEAKER INFORMATION:	<p>Massood Gaskari, P.E. Registered Professional Engineer (P.E.), California, Colorado, Connecticut. President and majority owner of "Private Eyes Engineers" since 1986, and president and majority owner of "Civil Engineering Design Group" since 2004.</p> <p><i>Contact Information:</i> MASSOOD GASKARI, P.E. Phone (760) 599-8566 Fax (760) 599-8901 www.peengineers.com; mg@peengineers.com</p>
CREIA CECs:	<p>Toolbox attendance: 4 CECs (Approval pending)</p> <p>**One additional CEC for those attending the Optional Tour of a LEED Platinum Home currently under construction in Laguna Beach**</p>
COST:	<p>\$45 - in advance with checks mailed by 9-6-10 to the address below. \$50 - on the day.</p> <p>Tom Smith, CREIA OC Treasurer, 24521 Tabuenca, Mission Viejo, CA 92692 Checks payable to CREIA OC</p>