



MEMO



Date: October 1, 2008
To: Commercial Stakeholders in our construction industry
From: Selso Mata, Chief Building Official 
Subject: 15% above Energy Code Requirements
CC: Frank Turner, Executive Director

You have been selected to review our green code amendments for enhancing the 2006 International Energy Conservation Code. The City of Plano would like to have your input on these selected items. Now more than ever, the principles of energy savings and environmental awareness are being referenced in every facet of the construction industry today. These code amendments are being targeted as part of our sustainable efforts to promote green building. At this time we are pursuing a regional effort to promote 15% or better than code requirement. Any input you provide will help us understand the challenges of enforcement for these directives. Through this communication with stakeholder input we look forward to a successful and sustainable green building program.

Please review the following code amendments:

1. Adopt building code amendments to require all commercial structures 6,000 square feet or larger, excluding remodels, built after January 1, 2009 (date may be adjusted based on final approval) to:
 - a. incorporate a Cool Roof standard (low slope less than 2:12 with surface covering of minimum total solar reflectance of .65 and thermal emittance of .75);
 - b. achieve a 15% increase in energy efficiency above the 2006 IECC standards with NCTCOG amendments; and
 - c. utilize high efficient LED or fluorescent lighting systems for all exterior fixtures.
2. Adopt building code amendments to advocate commercial developments built after January 1, 2009 (date may be adjusted based on final approval) to submit system design documents demonstrating an internal 20% reduction in potable water use when compared to the buildings water use baseline (excluding irrigation).

Construction must also comply with the Construction and Demolition Waste Recycling Ordinance No. 2006-10-23 which requires 60% of the waste generated by a project to be diverted from landfill disposal. Effective January 1, 2009. (See Ordinance attached)

Please email your comments or questions to; selsom@plano.gov