



KEVILLE IS GETTING GREENER

Green vs. Sustainable

Green vs. Sustainable? Two marketing buzz words used synonymously in reference to environmental preservation and energy conservation, but technically have very different meanings.

What is Green Building? The Office of the Federal Environmental Executive defines Green Building as “the practice of increasing the efficiency with which buildings and their sites use energy, water, and materials, and reducing building impacts on human health and the environment, through better siting, design, construction, operation, maintenance, and removal.” In today’s Green Construction, a building is evaluated for more than just construction techniques. The LEED (Leadership in Energy and Environmental Design) program, evaluates the environmental performance from a “whole building” perspective over the building’s life cycle. Green Buildings provide incremental improvement to the environment by reducing water use, waste, emissions, and improving energy efficiency, which are all positive impacts, although not quite in the same league as Sustainable.

What is Sustainable? Sustainable is a transformative vision, not simply a patch to provide incremental improvement. The sustainable goal is to have “net zero” water use, “zero” waste, “zero” emissions and “100% renewable” energy. The intention of Sustainable Design is to eliminate negative environmental impacts completely through skillful, sensitive design. This process may begin with the equipment used to harvest the material to the factory that processes it. Green Building is here and now, Sustainable Construction is the future.

KEI continues to embrace environmentally sensitive design and construction while broadening our knowledge base.

LEED AP

Congratulations to **Len Pappalardo** and **Doug McCutchen** who have recently achieved their LEED-AP Certifications, joining the ranks of **John Bernis**, **Kevin Curley**, **Lavern Forrest**, and **Larry Sodano**, who have previously received their LEED AP Certifications.

Solar Energy

Keville’s Jim Manolio performed an independent review of a conceptual cost estimate for a proposed solar panel array on the Massachusetts Convention Center Authority’s Boston Convention and Exhibition Center. The proposed 2.4 MW array includes approximately 12,000 photovoltaic panels. KEI’s Employees provided the review as a sub to Simpson Gumpertz & Heger, Inc. Jim was supported by Joe Donahue, Jon Holman, and Ken Giles.