



CONTACT

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QUALIFICATIONS

Licensed Professional Engineer, CA, 2007

LEED AP

B.S., Mechanical Engineering, Portland State University, 2003

PROFESSIONAL MEMBERSHIPS

ASHRAE

Union of Concerned Scientists

RECENT PROJECTS

University of Hawaii at Manoa, Performing Arts Facility

Portland State University, Recreation Center

Portland Community College Willow Creek

One & Three Centerpointe

Redding School of the Arts

AWARDS

BEST Award for PSU Eco-Roof Project

Crystal M Benson

PE, LEED AP

Project Consultant

As a mechanical engineer, Crystal brings five years of plumbing and HVAC design experience to GBS. As a project consultant, she provides green building consulting services and directs the LEED® certification efforts for a variety of projects. Under her direction, project teams work collectively to pursue high-performance design strategies along the most appropriate path relative to the construction budget and schedule. Crystal's understanding of design and construction processes and great attention to project details are assets to her GBS team. Crystal also facilitates "eco-charrettes" to help project teams identify opportunities for creating high-performance buildings.

Crystal also carries out energy audits on existing buildings and performs energy analysis on new buildings to document the projects energy savings as compared to meeting the minimum energy requirements of state, federal and/or LEED standards; and as required to support funding incentives available for high performance buildings.

Crystal also works with the GBS team that reviews projects for certification, under contract with the U.S. Green Building Council. In this role, she has gained extensive insight into the intricacies of the LEED rating system and is exposed to green building strategies pursued by projects across the country and internationally. Additionally, she supported the LEED 2009 reference guide content development.

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