

## TAB C-13

### CAMPUS SUSTAINABILITY

As stated in the presidential memorandum on Campus Sustainability at the University of Arizona dated 9/28/07, the University is committed to a leadership role in promoting sustainability on our campus and in our design and construction practices. The University has established a goal, wherever appropriate, to acquire LEED Silver Certification as established by the United States Green Building Council. Therefore the following criteria should be followed:

- **WHERE REQUIRED**

- **New Buildings** - A minimum of LEED Silver Certification for all new construction, where appropriate.
- **Building Expansions** - Major building expansions should anticipate LEED Silver Certification for the expansion, if possible, and if the project scope and budget support it, for the entire building. This goal will be established at project initiation.
- **Renovations** - Renovation projects are defined as those projects involving the alteration of a portion of an existing building. Renovations range from simple aesthetic improvements to complex physical reconfigurations and systems' replacement. Due to the potential range of existing conditions – and the ability of a renovation project to address such conditions – it is incumbent that each renovation project undergoes an evaluation early in the budgeting and/or design process to determine if LEED certification can be achieved.

In general, for minor renovations or room specific renovations, requirements for LEED Certification will not be part of the project scope. For projects where major renovation is part of the scope, inclusion of LEED Silver Certification should be anticipated. For example, in major renovation projects that affect entire floors or buildings, LEED Silver Certification should be anticipated if reasonably feasible.

- **DESIGN CRITERIA**

- In general, sustainable design precepts appropriate for the Sonoran Desert environment should be incorporated – water conservation, building orientation, sun exposure and shade are issues of special concern in desert environments.
- Appropriate passive solar design techniques should be incorporated and where the project scope and budget support it, solar water heating and photovoltaic systems should be considered if determined to be economically viable
- Desert appropriate landscape design, water harvesting techniques and use of the University's reclaimed water system where available should be incorporated.
- Appropriate day lighting design should be considered to minimize the requirements for artificial lighting and to promote the interior/exterior connection of the building.
- Appropriate use of construction materials, mechanical, electrical, and plumbing systems should be selected that not only result in a building with an intended useful life of 50 to 100 years but respond to the attributes of the Sonoran Desert environment.
- Provide Life Cycle Cost Analysis for the following:
  - Base and alternate design building envelope materials.
  - Base and alternate design mechanical/electrical/plumbing systems.