

**Description:**

The purpose of the section is to highlight the current applicable UMCP Design Standards for current Energy Efficient Design.

**Related Sections:**

- TBD

**Effective Date:**

July 9, 2009

**Applicable Standards:**

- TBD

**General Requirements:**

- The University is committed to energy-efficient design within the limits of budget constraints. The HVAC designer is required to be alert to opportunities to reduce first cost with less-than-optimal concepts (but within the bounds of good practice and applicable energy codes), yet allow for the future retrofit to state-of-the-art energy-efficient equipment and concepts.
- Expanding: The University anticipates executing an arrangement with a performance contractor such that no cash retrofits funded by provable future energy savings could be routine.
- When a future retrofit opportunity has been identified, and the University agrees, the HVAC design must allow for the future installation (adequate space, etc.).
- The HVAC design must also allow provisions in the base design (pressure/temperature taps, flowmeter stations, etc.) for measurement techniques which will be used to establish a baseline of energy use, then to quantify the post-retrofit savings.