

Purpose

The purpose of this document is to identify sustainability guidelines for all construction projects to ensure the use of sustainable building practices in the design and construction of new or renovated university facilities. This document is meant to be used as a guideline and does not replace the use of specifications. The guidelines below should be incorporated into specifications as project scope allows.

Sustainable Site:

- The university looks at ways to maximize green space on campus.
- All new construction projects require an erosion and settlement control plan.
- Site locations will encourage connectivity to city buses, bike paths, and walk paths.
- Consideration is given to proximity to basic services, such as pharmacy, medical offices, laundry facilities, and dining halls.
- Softscapes are encouraged and will be incorporated into the design of facilities when resources allow.
- Storm water runoff management is implemented at all facilities.
- Efforts are made to reduce the heat island effect by minimizing tree removal, encouraging tree planting to provide shading, and using light reflecting roofing membranes.

Water Efficiency:

- Indigenous plantings are encouraged.
- Innovated wastewater technologies are implemented into the design of facilities when resources allow.
- Water efficient products are used, including, but not limited to, low-flow toilet fixtures and automatic restroom fixture sensors.
- Lawn irrigation systems are minimized.

Energy and Atmosphere:

- Newly installed systems will prohibit use of chlorofluorocarbons (CFCs).
- High-efficiency units are specified.
- Use of LED lighting throughout a project is encouraged.

Materials and Resources:

- Waste and recycling bins are incorporated into projects.
- Walls, structural elements, flooring, and other building materials are reused when beneficial for the project.
- Construction waste is managed on all projects.
- Materials made of recycled content are encouraged.
- Regional materials are encouraged and used when applicable to the project.

Indoor Environmental Quality:

- Outdoor air delivery monitoring systems are installed in facilities as they are renovated or constructed.
- Low volatile organic compounds (VOC) materials are specified.
- Ventilation standards and mechanical codes continue to evolve to address energy conservation and thermal comfort.

- Tobacco use is prohibited on campus, including construction sites.
- Indoor pollutants are controlled by the use of walk-off mats, proper chemical storage areas, installation of appropriate exhaust systems for hazardous fumes, and installation of new air filters prior to occupancy.
- Lighting is controlled with occupancy sensors.
- Building controls are automated.
- HVAC systems are designed so that off-site temperature management can occur.
- Use of natural daylighting is encouraged in all new construction and renovation projects when applicable.