

MITCHELL HALL SUSTAINABLE FEATURES

- Project is expected to achieve LEED Gold.
- Nearly 75% of construction waste was diverted from the landfill.
- New materials contain 20% recycled content.
- The building's mechanical system was almost completely replaced, helping to create a 28% increase in energy efficiency.
- Lighting was completely replaced with more energy efficient fixtures.
- Classroom lights were connected to daylight sensors that adjust lighting levels depending upon the amount of natural light coming in through the windows.
- Occupancy sensors were installed to eliminate lighting of unoccupied rooms.
- Enhanced lighting control was given to building users, and the ability to monitor and document usage was programmed into the system.
- More natural light was introduced into basement restrooms and central stairwell, conserving electricity.
- New insulation was installed on the inside face of all the existing masonry exterior walls and roof deck of the building to increase occupant comfort and conserve energy.
- Inefficient single-pane steel framed windows were replaced with insulated, low-Emissivity glass in thermally efficient fiberglass frames, carefully designed to match the existing window geometry.
- More efficient plumbing fixtures were installed, reducing water use by over 50%.
- Recycling collection facilities are now provided inside the building.
- Rapidly renewable, non-toxic Marmoleum flooring was used extensively.
- All paints, adhesives, sealants, carpets, and composite wood used in the building contain low VOC content and are low-emitting.
- By renovating an existing building rather than building new, large quantities of resources were preserved and saved from the landfill.
- Updating an existing building by the important regional architect John Gaw Meem allowed a piece of UNM history to be preserved for the future.