



Exterior:

- Reflective metal roof
- Reflective concrete parking lot
- Preferential parking for energy efficient and carpool vehicles
- Design of parking lot lighting fixtures reduces light pollution
- Water efficient landscaping utilizing natural prairie plants
- Numerous trees planted to provide shade in future years

Heating and cooling system:

- Ground coupled geothermal heat pump system
- Outdoor air delivery system supplies fresh air
- Electrical wiring installed to accommodate the addition of solar panels in the future

Restrooms:

- Dual flush toilets to conserve water
- Sensor operated lavatory faucets

Lighting:

- Building design includes large energy efficient windows to maximize use of natural light
- Lights in auxiliary rooms have motion activated light switches

Construction practices during the building of the Library:

- Contractors were required to participate in recycling of unused and scrap building materials.
- Preference was given to using regional materials.
- Renewable materials such as cork flooring was used in the reading area.
- Carpeting, paints, and sealants used adhered to low VOC standards.
- At the end of construction, the building went through an air flush lasting 35 days.

Byron Public Library 100 S. Washington Street Byron, IL 61010