

WELCOME TO FAIRDALE



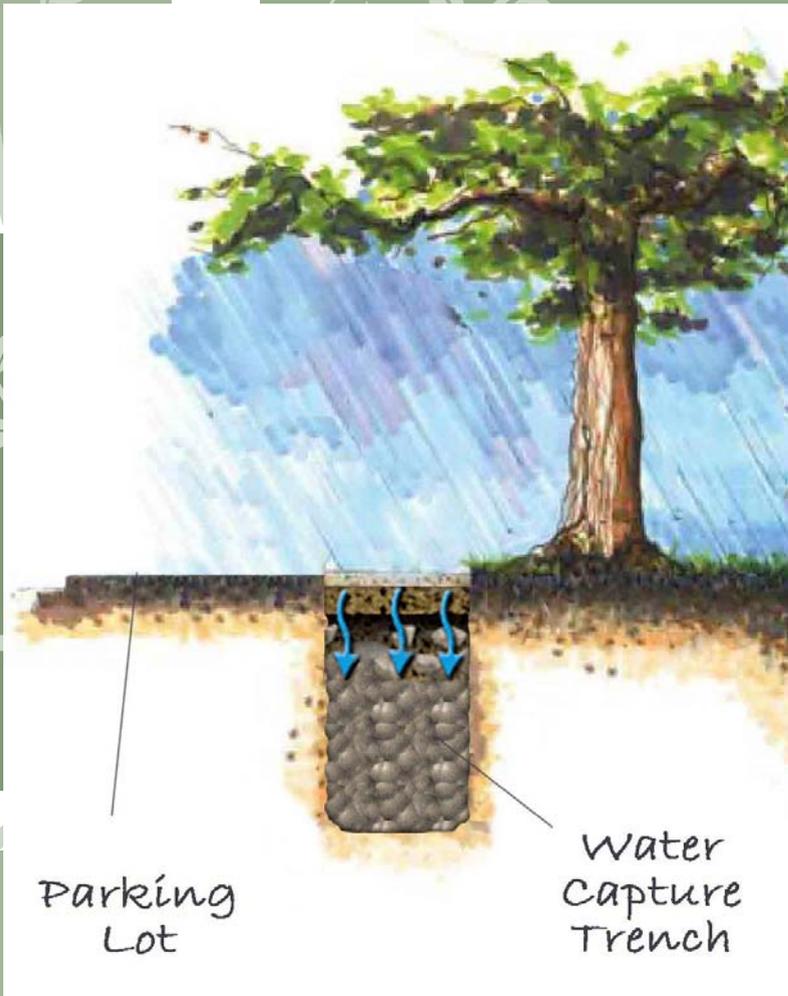
**What makes Louisville's newest library
its "greenest" library?**

GEOHERMAL HEATING AND COOLING



Geothermal heating and cooling uses stored underground heat – naturally renewable and non-polluting – to heat and cool the building. A geothermal heat pump can move more than three units of heat energy for every one unit of electrical energy used to power the system. A SMART control allows air flow to create a more comfortable atmosphere for people.

RAIN, RAIN, GO AWAY



Fairdale's water mitigation plan funnels rainwater run-off out of the parking lot and into large underground trenches around the perimeter of the parking lot. The trenches are designed to "capture" storm water runoff and filter it slowly back into the groundwater.

INDOOR LIGHTING— DAYLIGHT HARVESTING



Electronic eye sensors detect the amount of light coming through windows into the building and adjust indoor lighting, making it brighter or dimmer as needed. This saves energy and allows for a more comfortable atmosphere inside the library. Lighting is also directed toward specific areas allowing it to be used effectively.

WATER CONSERVATION



All of the Fairdale Library water fixtures are low or dual flow, motion-sensor faucets and toilets that reduce the amount of wasted water.

WALLS OF GLASS



This building's design and construction takes advantage of lots of natural light to reduce the use of electricity. The double-pane windows better insulate it from the weather, reduce noise, and protect items inside from sun damage.

UNDER CONSTRUCTION



During construction, building materials were recycled; alleviating the amount of waste collected in our landfills.

The construction area was also tightly fenced so that the surrounding waterways were not disturbed.



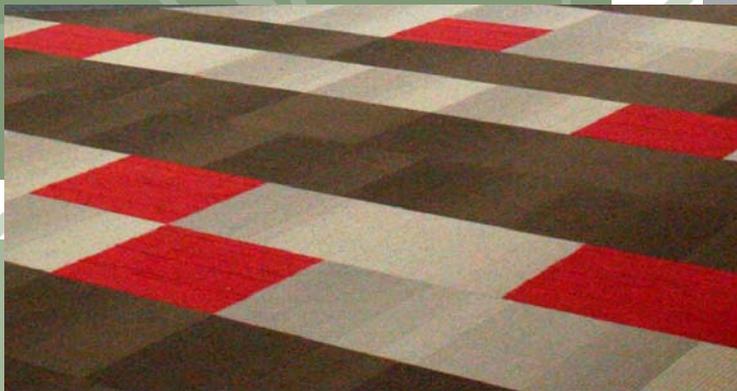
RECYCLING

Blue recycling bins are located throughout the building for the community to recycle paper. Recycling bins for paper, plastic and aluminum are also located in the staff area. Biodegradable bags are used to line each recycling bin.

LOOK WHAT'S UNDER FOOT

CARPET TILES

Our carpet is made from recycled plastic water bottles.



MARMOLEUM TILES

Made of cork and linseed oil, these tiles are all-natural, sustainable products. They emit no harmful gases into the environment, have anti-bacterial properties and, like most organic floors, they do not get as cold. Marmoleum also has some “give” when walking on it, which reduces stress to parts of the body.

ECO-FRIENDLY WOOD



All wood used in the construction of the library is FSC certified. FSC, or Forest Stewardship Council, certification ensures the lumber is sustainably grown and harvested.

**...and that's why other Louisville libraries
are just a little green with envy.**

