

GREEN BUILDING: OUTSIDE

- Pervious pavers are made of clay, a renewable, natural resource. They reduce water runoff.
- Native landscaping supports native wildlife and has deeper root systems that are drought tolerant.
- Rain barrels collect rain water to use for washing boots and watering plants. Rain chains slow down the water that is gathered in the under-the-parking-lot collecting system, making for less runoff.
- Rain garden contains water-loving plants. Water from the eastern roof collects here and seeps into the soil, allowing storm water to slowly enter the underground water table. Water that moves swiftly into storm drains and streams adds to flooding and erosion.
- Green roof collects and uses rainwater to grow plants, including butterfly weed, purple coneflower, hairy beard tongue and royal catchfly. The plants and soil add insulation to the garage below.
- Solar panels supply up to 9% of the building's energy.
- Sun shades keep out the sun in summer and allow the reverse in winter. They are made of recycled aluminum, and the brackets are reclaimed wood.
- Preference parking is given to carpooling visitors and those with energy-efficient vehicles.
- A bike rack encourages staff and visitors to ride their bikes instead of driving to the building.

ENTRY FOYER

- Walk-off grate keeps dirt from being tracked in, creating better indoor air quality.
- Tile contains recycled glass.
- Cherry wood trim is reclaimed. Oak paneling is from another Metro Parks facility.
- Paint is low in volatile organic compounds and is highly reflective, which adds to the indoor brightness.
- New windows have high insulating value.

- Brick wall was the exterior of the building (before the addition).
- Motion sensor turns on/off lights automatically.

KITCHEN AREA

- Durable bamboo floor is a renewable resource.
- Countertops are made from 100% recycled newspaper.
- Cherry wood trim is reclaimed. Cherry on the front of the work table was flooring.
- Appliances and cabinets are from another Metro Parks facility.
- Recycle station collects paper, cardboard, plastic and aluminum cans.
- Paint is low in volatile organic compounds and is highly reflective, which adds to the indoor brightness.
- Motion sensors turn on/off lights automatically. Dimming devices sense light levels and dim or brighten as needed.
- Light monitors were added for more daylight. Exposed trusses are original to the structure.

MEETING ROOM

- Tile floor was saved for reuse, saving precious resources.
- Trim is reclaimed wood.
- Fireplace, mantle and hearth are original to the building.
- Tables and chairs are made from sustainable materials.
- Paint is low in volatile organic compounds and is highly reflective, which adds to the indoor brightness.
- New windows have high insulating value.

LOCKER ROOM

- Lockers are made from 100% recycled milk jugs. The number plates and hinges are the only metal components.
- Walk-off grate keeps dirt from being tracked in, creating better indoor air quality.
- Tile contains recycled glass.
- Paint is low in volatile organic compounds and is highly reflective, which adds to the indoor brightness.
- Motion sensor turns on/off lights automatically.

RESTROOMS

- Composting toilets use 4 ounces of water and 2 tablespoons of soap per flush. The urinals are waterless.
- Faucets and showerheads are low-flow.
- Tile contains recycled glass.
- Cherry wood trim is reclaimed.
- Paint is low in volatile organic compounds and is highly reflective, which adds to the indoor brightness.

RANGER & BIOLOGIST OFFICES

- Carpet has recycled content and is completely recyclable.
- Cherry wood trim is reclaimed.
- Furniture has high recycled content, and the chairs are recyclable.
- Paint is low in volatile organic compounds and is highly reflective, which adds to the indoor brightness.
- Motion sensor turns on/off lights automatically. Dimming devices sense light levels and dim or brighten as needed.

- Light monitors were added for more daylight and better air circulation. Gear-driven openers are made of recycled steel and allow easy, manual operation of the windows. Exposed trusses are original to the structure.

BASEMENT

- Composting toilet requires maintenance one or two times each year. Sawdust is added weekly to maintain the health of micro-organisms. The resulting material is dirt-like.
- Humidifier constantly tests the humidity in the air to keep a comfortable level.
- Two solar inverter panels convert solar power at two different rates. Sixty-four watts of power are needed to produce electricity. Outside, there are two types of solar panels.
- Geothermal system includes two pumps and five outside/underground wells at 315 feet deep in a closed-loop system. Water returning from outside is 55 degrees and it is heated or cooled with blowing air. The air handler is super insulated for distribution.
- Motion sensors turn on/off lights automatically.
- The former garage is used as storage. The new garage is partially insulated by the green roof and the sloped landscape on either side.