

# Design.

The Home Savings Bank branch office at 3762 E. Washington Avenue in Madison meets the highest standards for Earth-friendly design and performance. It will soon be Wisconsin's first **LEED certified** bank – a designation awarded by the U.S. Green Building Council for Leadership in Energy and Environmental Design.

## Site.

The branch reduces urban sprawl. It's built on a site already equipped with all municipal services including front door access to Madison Metro.

## Landscape.

A **rain garden** in the drive-up area is not only beautiful, but good for the environment. Deep-rooted plants absorb rainfall which normally runs off parking lots and into storm drains leading to Madison lakes. If you kept your shower on for 28 days, that's how much water – and pollution – will be kept out of Madison's lakes annually by the rain garden!

## Daylight.

**Clerestory** windows near the top of the building's high ceilings bring in sunlight, providing indirect lighting that eliminates glare and requires no energy usage. **Transom** windows allow daylight to light up north-facing offices.

## Fresh air.

The building's ventilation system provides ten times the amount of fresh air required by Wisconsin code. This freshly filtered air comes in at floor level so you get to breathe it at its cleanest! Floor registers also make rooms more comfortable in winter.

# Materials.

**Recycled** materials that don't use up our natural resources (or "sustainable materials") were used throughout the building. Many came from within 500 miles of Madison, which means less gas was used to get them here, resulting in less air pollution and less use of a non-renewable energy source. More than 75% of the waste from the construction process was recycled, keeping 112 tons out of local landfills and making materials available for reuse elsewhere.

## Asphalt.

When the old building on the site was demolished, the parking lot was ground up so that asphalt could be reused to create the new parking lot, rather than going to the landfill.

## Insulation.

Building insulation contains **30% recycled content**. Energy-saving features will reduce annual energy costs by 32%.

## Finishes.

The glue, paint and finishes in the building are **low VOC**, which means that the amount of volatile organic compounds (VOCs) emitted as gases is very low. The result is air quality that is much higher, and healthier, than in most buildings.

## Floors.

Constantine Carpet is totally recyclable and includes recycled content. It too has very low VOC emissions, which means the air you breathe in the building is safer for your health. Cork flooring in the kitchen is a readily **renewable** resource.



## Surfaces.

**Concrete** floors and teller counters provide a durable, customizable surface with a low lifecycle cost.

**Dakota Burl**, a very unique bio-based product made from sunflower seed hulls, is used for counters, sills and desk and table tops throughout the building.

**Paperstone** is a 100% post-consumer recycled paper transformed by heat, pressure and water-based resin to create a durable counter surface with the appearance of soapstone or slate.

The **Marmoleum** counter in the kitchen is a natural linoleum product made from linseed oil, sawdust and resins.

**Recycled glass** is ground and polished to make the bathroom wall tile.

## Fabric.

On new furniture, fabrics were selected for environmentally friendly manufacturing processes, dyes and recycled content.

## Furniture.

High quality existing furniture at the current east office was reused whenever possible. Used desks received a face lift when beautiful, earth-friendly Dakota Burl tops were added.

## Cleaning supplies.

Building cleaning materials and procedures will be used to protect **indoor air quality**.

# Efficiency.

## Monitoring.

Energy usage in this building is being continuously measured. High school students are studying energy use at the Home Savings Bank solar office in Stoughton. Visit [www.home-savings.com](http://www.home-savings.com) and link to the display to see how much energy is being used – and saved.

## Lighting.

The building uses daylight as much as possible to create a pleasant environment for customers and bank associates. By using less artificial lighting – which heats a building up – less energy is needed to cool it down.

High performance **window glazing** lets light in while keeping heat and glare out. Glazing also provides better insulation and lowers heating costs in winter.

Sensors make sure that lights are not left on in unoccupied areas. **Energy efficient** lighting is used throughout the building.

## Heating and cooling.

The building does a better job of heating and cooling than Wisconsin law requires. The non-chlorine refrigerant in the heating/cooling system will not harm the environment.

In summer, a ReNew Air **heat recovery system** “pre-cools” incoming air, and in winter, it “preheats” cold air so that much less energy is needed for heating and cooling.

The white reflective roof keeps the building cooler so less energy is needed to cool the building.

## Water use.

**Dual flush toilets** reduce water used for flushing by 30%. Once rain garden plants are growing well, no extra watering will be needed.

# Greener. Choices.

For more than 110 years, Home Savings Bank has been committed to being a positive influence on Madison’s economy and natural environment. A full range of banking products is available, including several green options:

## Greener Choices Checking.

This package of environmentally friendly and convenient features includes **Online Banking, unlimited Bill Pay** and **Electronic Statements**. It also supports the local economy by offering new account holders a \$25 gift certificate for use at local downtown stores.

## Green Rewards Program.

This program rewards people for building green built homes and “greening” remodeling projects by using environmentally friendly products and techniques. Features include **lower interest rates, credits toward closing costs** and **payment by Home Savings Bank of the Green Built Certification fee – a \$75 value**.

[www.home-savings.com](http://www.home-savings.com)

608.282.6000

# Green. Vision.



## A Guide to our Green Built Branch

3762 East Washington Avenue  
Madison, Wisconsin

