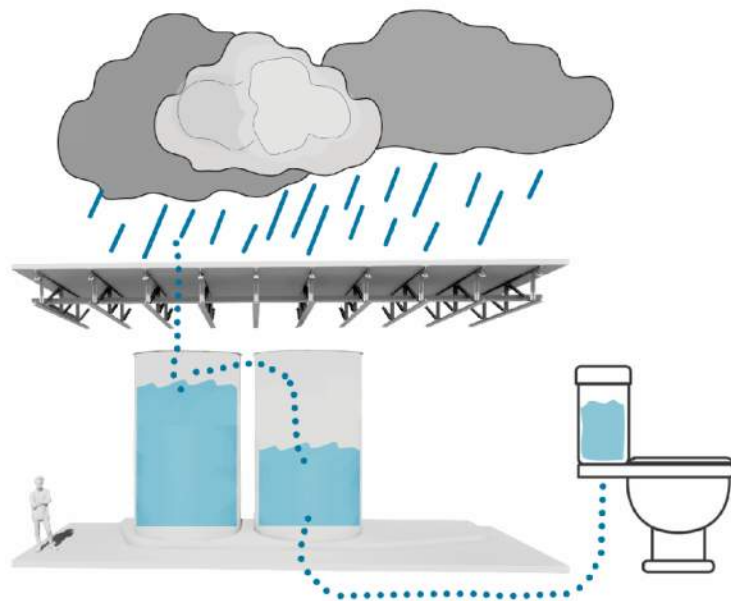


sustainability strategies

water

Water is the essence of life and care must be taken to keep our rivers and lakes clean. We must use the rainwater that falls on our site, or that comes from the city's system, responsibly.



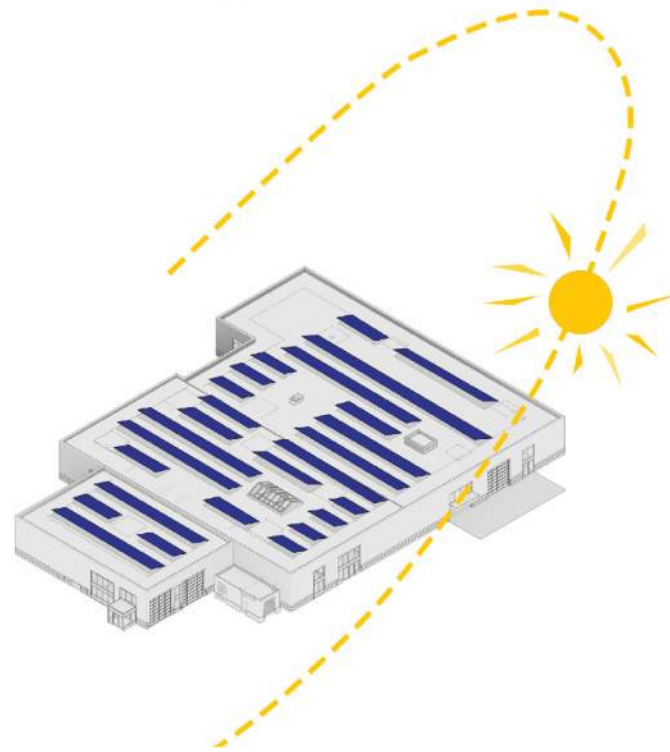
Capturing, storing, and filtering rain water below paved areas:
Watering native plantings in the landscape.

An above-ground cistern to store water that lands on the roof:
Flushing toilets and urinals - one average rainfall event will provide enough water on the roofs to flush all of the markets toilets for a full month!
Community learning opportunity about a responsible relationship with water.

Efficient water fixtures to conserve water.

energy

MadiSUN is the City of Madison's initiative to expand solar energy for homes and businesses. All building projects for the city are automatically enrolled in this program at their inception to reduce grid energy use in city-owned buildings.



Using part of the 38,000 square feet of flat roof area for solar panels.

Additional solar panels integrated into site elements such as canopies provide even more energy.

Preliminary estimates show that about 10,500 kilowatt hours per month can be generated - enough to power 55 averaged-sized madison homes for a month, or enough electricity to run all of the market's lighting.

Passive strategies for cooling the market halls:
Decrease the need for electricity-use for hvac in peak-use summer months.

multi-modal access

The site is located on the City's planned BRT (Bus Rapid transit) route and is conveniently close to a wide range of public transit options, bike and pedestrian paths, and major roads in and out of the city.



Design elements that facilitate safe and convenient arrival by:
Madison metro
Bus rapid transit (brt)

Directly connecting with:
Nearby bike and pedestrian paths.
Ample bicycle parking and potential b-cycle station.

Provisions for future electric vehicle charging stations in parking areas.