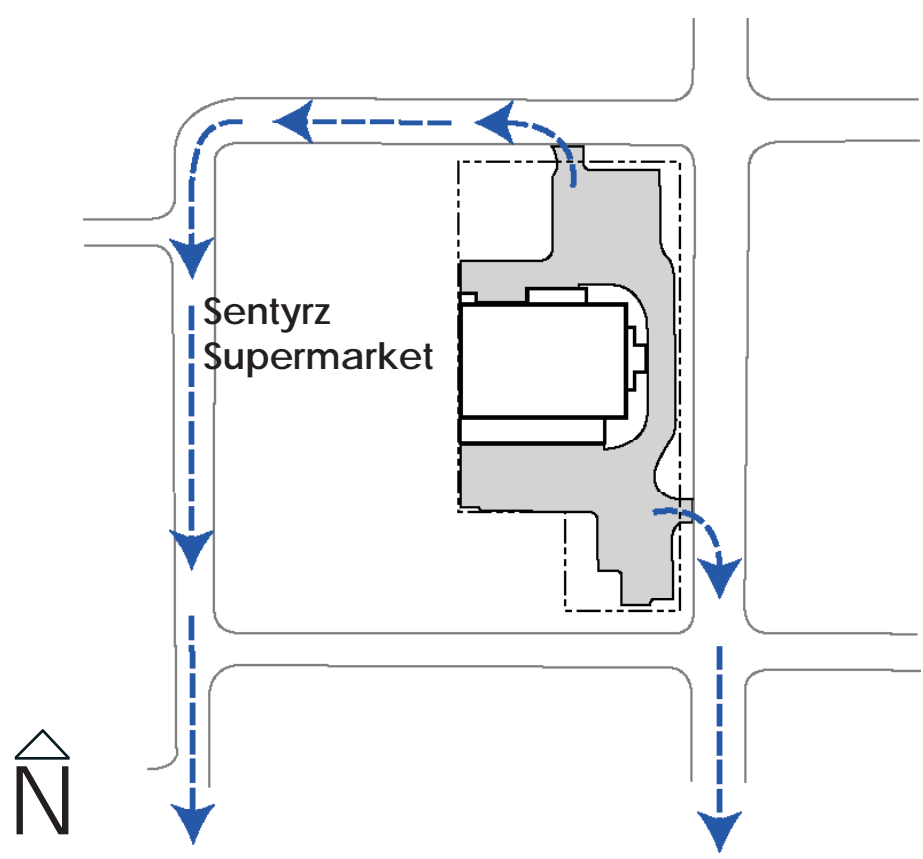


Sentyrz Supermarket

Helping our River through Rainwater Capture

How did stormwater runoff reach the Mississippi River before raingardens were installed at Sentyrz Supermarket?

Path of Stormwater Runoff from the Site



Path of Stormwater Through Stormdrains to the Mississippi River



Mississippi River Drainage Basin



The Mississippi River flows to the Gulf of Mexico

The Project

Sentyrz Supermarket installed four raingardens and native plantings to capture and clean rainwater and stormwater runoff.

Why?

So that Sentyrz Supermarket can do its part, as a large commercial establishment, to protect the water quality of the Mississippi River...and ultimately the ocean.

How do raingardens work?

Raingardens temporarily collect and store rainwater and runoff during rainstorms. Then the water is cleaned by the plants and soil, as it moves into the ground.

The Numbers

Before Improvements:
1-inch of rain produced
22,000 gallons of runoff

After Improvements:
1-inch of rain produces
0 gallons of runoff

What do the numbers mean?

In a 1-inch rainstorm, all of the water flowing from the rooftop and the parking lot will be captured by the raingardens.

This means during each 1-inch rainfall, 22,000 gallons of runoff will be captured and naturally cleaned by the plants and soil instead of flowing untreated through stormdrains to the Mississippi River.

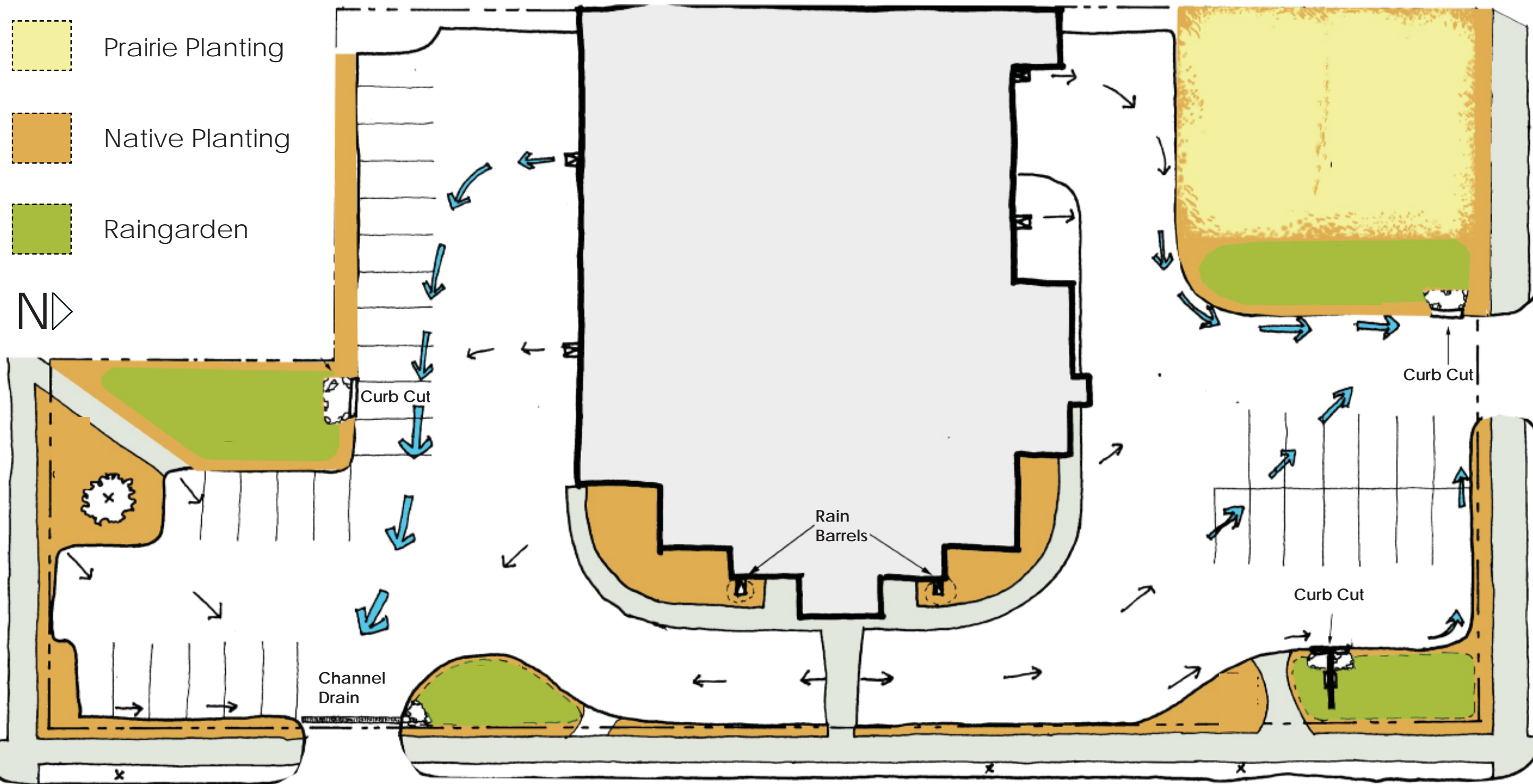
How will water get to the Mississippi River?

Water that soaks into the raingardens will eventually reach underground waterways (aquifers) that flow towards the river...as nature intended.

Why should businesses care about clean water?

Many businesses can have a heavy footprint on the Earth, but they often have opportunities to have a positive impact. Sentyrz Liquor & Supermarket is a forward thinking business that wants to protect and improve natural resources and the environment.

New Site Plan



Plan View of Sentyrz Supermarket



Birdseye View of Improved Sentyrz Supermarket, Facing Northwest

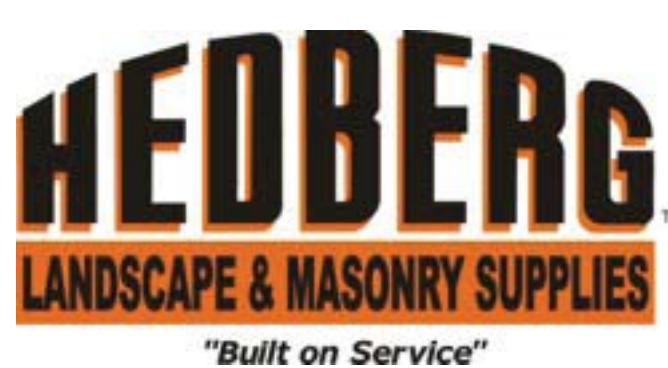
Project Organized by:



Funded by:



Materials Provided by:



Installed by:



For more information on how you can capture rainwater on your property and help protect and heal our natural environment, visit www.metroblooms.org