

HEIFER INTERNATIONAL

Arkansas



-Sixty percent of the site was paved to serve a diesel truck yard and railway switching station. They removed the pavement and sculpted the site to the previous wetland it used to be.

-Ninety-seven percent of existing materials were recycled.

-Moisture removed from the building as condensate is reused to cool the building.

-Bathrooms have sawdust-composite dividers, countertops embedded with recycled glass, waterless urinals and low-flow toilets.

-The stairwells were pulled out from the building envelope and floated over water while adding a release vent and fan at the top of the glass enclosure. So, fresh air cooled by the water, flows through the metal insect screens and rises by natural convection.

-The building is built east/west orientation with light shelves and vertical fins to diffuse the light further into the building while reducing the glare and heat.

-The access floors are raised to efficiently route more HVAC than a traditional system.

-The insulation is soybean and cotton.

-The building contains Think chairs for all employees. Think chairs are the first ever to receive cradle to cradle certification and has gold level certification. The chair can be disassembled with ordinary tools in five minutes.