HARRIS-STOWE STATE UNIVERSITY

William L. Clay Sr. Early Childhood Development/Parenting Education Center

During the design phase of the highly anticipated William L. Clay Sr. Early Childhood Development/Parenting Education Center (ECE), Harris-Stowe State University kept the needs and education of the children and parents of metropolitan St. Louis at the forefront, but also of utmost importance, the University took the preservation of the environment into consideration. Through careful planning of the center and even the area around and beneath the center, Harris-Stowe State University is seeking Silver LEED certification. The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the nationally accepted third-party certification program for verifying high performance green buildings. To attain the prestigious Silver LEED certification, the ECE:

Water Conservation

- Landscaping water use has been reduced by 50 percent.
- Overall building water use has been reduced by 20 percent.
- A rain garden, pervious pavement and play surfaces are utilized to reduce storm water drainage and recharge the local aquifer.

Reducing Waste

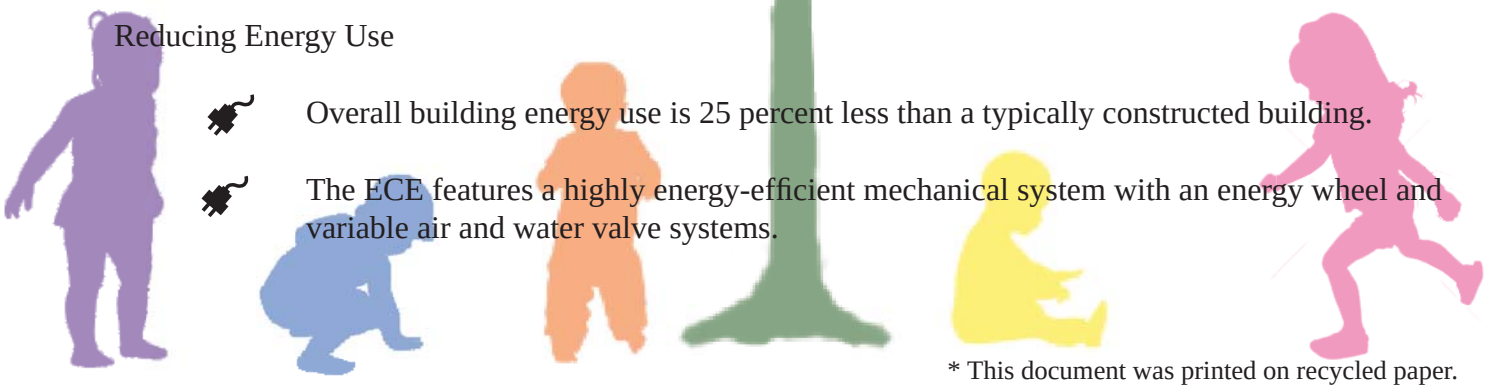
- More than 20 percent of the construction materials are made from recycled materials. For example, the playground surface is made from recycled rubber.
- During construction, 50 percent of construction waste was diverted for recycling.
- To promote recycling, receptacles for the collection of paper, glass, plastics and cardboard are located throughout the building.
- All paints, adhesives and finishes contain low or no volatile organic compounds (VOCs).

Optimize Natural Light

- Natural lighting is utilized wherever possible to promote well-being and reduce energy use.
- Occupancy sensors ensure that electric lighting is used only when spaces are in use.

Reducing Energy Use

- Overall building energy use is 25 percent less than a typically constructed building.
- The ECE features a highly energy-efficient mechanical system with an energy wheel and variable air and water valve systems.



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