
BALA

COMMISSIONING EXPERIENCE

KEY FACTS

LOCATION:

Warminster, PA

SQUARE FEET:

50,000

COMPLETED:

2011

SERVICES:

LEED Commissioning

ARCHITECT:

Crabtree Rohrbaugh & Associates

HIGHLIGHTS:

LEED-NC Platinum Certification



VERTICAL SCREEN

Vertical Screen chose a 9-acre brownfield site for their new corporate headquarters. The hanger shaped building pays homage to the site's past of being a Naval Air War Center in the 1940's, and what used to be a former runway, now serves as the entrance to this unique building. The facility has no column supports, and is supported by "ribs" in the roof, that were designed to touch to the ground, simulating the landing gear of an airplane.

The building showcases a variety of green features including geothermal HVAC System, underfloor airflow distribution photovoltaic solar array, rainwater harvesting, a "living tower", that supplies fresh air, low-flow plumbing fixtures, and LED Lighting. Sixty-four, 500 foot deep geothermal wells use the Earth to assist in heating and cooling the space depending on the season. The pumps are on display for occupants to see in the lobby. The usage of interrelated systems helps Vertical Screen consume approximately 60% less energy than a regular office building.

The company also provides employees with aluminum bottles to reduce waste. Cafeteria chairs are made out of Coca Cola bottles. Floors and other fixtures are made of sustainable materials, and natural light pours into the open floor plan office space via 43-foot high glass mosaics, requiring very little overhead lighting. The high tech security system keeps track of how many people are in the building which allows automatic adjustments of lighting and temperature.

FOR MORE INFORMATION,
PLEASE CONTACT:

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