



## Renovation of Historic Administration Building

### LEED Platinum Renovation

The renovation of the historic BWP Administration Building was designed to achieve a LEED Platinum rating, the highest possible, from the US Green Building Council in recognition of an energy efficient facility that is environmentally responsible, profitable, and a healthy place to work.

### Famous Lobby Mural

Overlooking the Lobby is the famous “Water, Power and Light” mural painted by Hugo Ballin in 1948. Mr. Ballin, one of the nation’s foremost muralists, considered the BWP mural one of his outstanding achievements. Mr. Ballin’s mural was professionally restored to its original luster for future generations to enjoy.

There will be a total of three buildings on the BWP campus built or renovated to this high standard by implementing practical and measurable green building design, construction, operations and maintenance solutions.

### Highlights At A glance

- LEED Platinum rating
- Originally built in 1949
- Art Deco Architecture
- “Water, Power, and Light” mural by Hugo Ballin painted in 1948
- Three state of the art Rooftop Gardens



# BWP's Rooftop Gardens Reduce Energy Use and Capture Rain Water

**Reduce Urban Heat Island Effect**  
 The BWP Rooftop Garden's vegetative landscape releases moisture to cool the air while preventing heat or cold from entering the building.  
**Benefits:**

- Reduces energy needed to provide cooling and heating to building
- Cooling rooftop between 6.5° and 20.3°F
- Plant absorption of air pollution and CO2 emissions

**Water Retention**  
 About 70% of the rain falling on the Rooftop Gardens will be absorbed. All overflow from the roof is captured in huge underground storage tanks. The water is then allowed to percolate down through the soil over time to recharge underground aquifers.

## Rooftop Gardens

Three state of the art rooftop gardens use plants to absorb about seventy-percent of the rainwater that falls on the building. Any rain water overflow is captured by two massive underground storage and percolation tanks buried under the adjacent solar covered parking lot.

The rooftop gardens absorb CO2 emissions, filter air pollutants, and lowers ambient air temperatures, reducing both the “heat island effect” and the energy needed to cool this historic building.

