

# Project Profile



## LaSalle Bank World Headquarters (now Bank of America), Troy, MI



### LEED Facts

#### LaSalle Bank World Headquarters (now Bank of America), Troy, MI

LEED for Existing Buildings  
Certification awarded April 26, 2007

**Gold** **49\***

Sustainable Sites 9/14

Water Efficiency 2/5

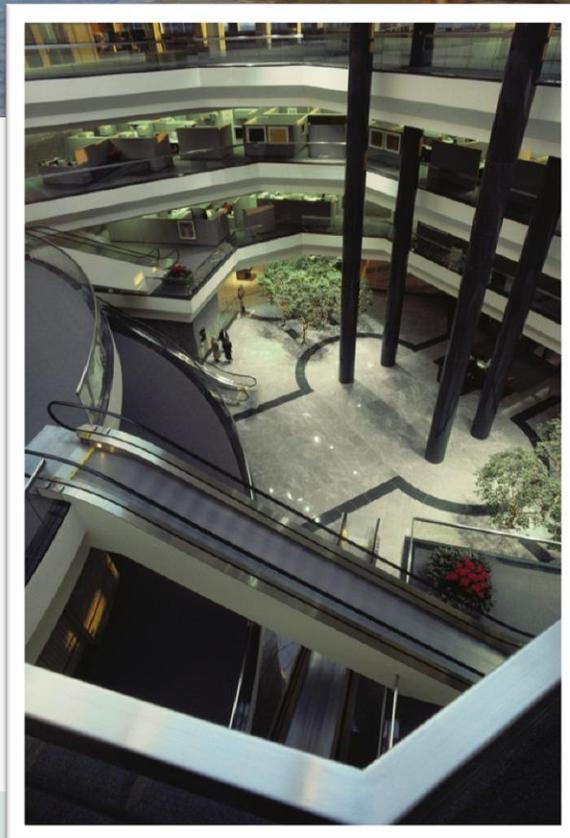
Energy and Atmosphere 5/23

Materials and Resources 15/16

Indoor Environmental Quality 15/22

Innovation in Operations 3/5

\*Out of a possible 85 points



# Project Profile

## LaSalle Bank World Headquarters (now Bank of America) Troy, Michigan

### Project Background

When the building was built in 1987, it included several measures that met or exceeded the energy and environmental standards of the day. For example, the building already had a well-designed HVAC system with a heat recovery chiller, an outdoor water feature that also serves as a cooling pond for the chillers, and steam humidifiers that maintain a minimum of 30% relative humidity in the occupied spaces in the wintertime. In addition to excellent operating and maintenance procedures, the facility management company was committed to green purchasing and cleaning.

### Bringing it Up to Date

In 2005 the new owner, LaSalle Bank (now Bank of America), decided to seek LEED-EB Certification. While Silver Certification was easily attainable, based on excellent design and existing energy efficiency measures, their sights were set on Gold. This required both major and minor adjustments. Newman Consulting Group/GreenWorks Studio facilitated the LEED-EB Certification and helped implement new policies and procedures to conserve energy.

### Going For the Gold

The most expensive upgrade was replacing the 20-year-old roof with a “green” roof. A considerable additional capital expenditure, but with many benefits, such as:

- Improved the view for the majority of the employees in the pyramid-shaped building
- Reduced the heat gain from the roof in the summertime and the heat loss in the wintertime
- Reduced stress on the storm water system
- Increased life expectancy of roof

Other changes resulted in a 10% reduction in indoor potable water use, and 50% reduction in potable landscape water use.

As a result of these extra efforts, this was the first building in Michigan to be certified under LEED-EB 2.0 – and it was Gold!

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### About Newman Consulting Group

Newman Consulting Group, LLC (NCG), headquartered in Farmington Hills, MI, is a globally recognized authority in energy efficient buildings. The NCG reputation rests on a team of highly skilled engineers, analysts, program managers and professionals certified in efficiency implementation and verification to guarantee a positive ROI. The team helps commercial, industrial and multi-family property owners all over the U.S. implement energy efficiency projects (including renewable energy such as solar, wind, geothermal), eliminate waste, and save money through innovative financing solutions.

### About LEED

The LEED® green building certification program is the national benchmark for the design, construction, and operations of green buildings. Visit the U.S. Green Building Council’s Web site at [www.usgbc.org](http://www.usgbc.org) to learn more about LEED and green building.

LEED Consultant: Newman Consulting Group/GreenWorks Studio

Facility Manager: Jones Lang LaSalle