

Fishbeck, Thompson, Carr & Huber, Inc.  
1515 Arboretum Drive SE Grand Rapids, MI  
PROJECT PROFILE

LEED EB v2.0  
LEED GOLD – November, 2011  
Recertified March , 2017

[Fishbeck, Thompson, Carr, & Huber, Inc.](#) (FTCH) is a professional civil, environmental, architectural/engineering, and construction management firm headquartered in Grand Rapids, MI. Only 1-3% of the U.S.'s building stock consists of new buildings, making it important to implement sustainable design into existing buildings. FTCH recognized this, and in turn embarked on meeting LEED for Building Operations and Maintenance: Existing Buildings (LEED O+M: Existing Buildings) standards for its headquarters. This improved the facility by increasing the building system's energy efficiency and providing a healthier indoor environment for their employees, and also improving the site to have less environmental impact.



To meet LEED standards, FTCH made adjustments to many features of the Arboretum Drive building which included optimizing HVAC operation schedules, instituting recycling and green cleaning programs and replacing inefficient lighting lamps and fixtures. The LEED O+M: Existing Buildings process allowed FTCH to highlight their professional specializations, which included existing building commissioning, interior design services, low impact site design, sustainable landscaping design, and LEED administration.

The 67,000-square foot building was awarded LEED Gold in November 2011 and was recertified in 2017. LEED credits achieved include water efficient landscaping, HVAC system commissioning, and developing a sustainable purchasing plan for office equipment, furniture, supplies and building materials. As a result of implementing these sustainable design features FTCH saw employee absenteeism decrease consecutively for 5 years, and energy and water consumption decreased 25 and 40% respectively.

The headquarters also won 2<sup>nd</sup> place in the Office category in the 2015 Battle of the Buildings competition as a result of FTCH's energy reduction efforts.

## LEED Facts

### FTC&H

Location.....Grand Rapids, MI  
Rating System.....LEED EB v2.0  
Certification Achieved.....Gold  
Points Achieved.....48/85

Sustainable Sites.....8/14  
Water Efficiency.....2/5  
Energy and Atmosphere.....11/23  
Materials and Resources.....12/16  
Indoor Environmental Quality.....10/22  
Innovation and Design.....5/5

## PROJECT METRICS

- 25%** energy consumption reduction
- 40%** indoor water use reduction
- 50%** site irrigation use reduction
- 100%** onsite stormwater management with no annual runoff
- 50%** diversion of waste from facility alteration and additions