

Corporate Headquarters

Great Lakes Region, U.S.A.

General Information

Building Height: 83'
Number of Stories: 5
Size: 659, 554 Gross SF
Cost: Withheld at the request of Owner
Dates of Construction: August 2014-Spring 2016
Project Delivery Type: Design-Bid-Build

Project Team

RTKL	Architect, Structural Engineer, Mechanical Engineer, Electrical Engineer, Plumbing, Telecommunications
Mark G. Anderson Consultants, Inc	Project Management
Bialosky + Partners Architects	Supporting Architect
Neff and Associates	Civil Engineer
Mahan Rykiel Associates, Inc	Landscape Architect
Code Consultants, Inc	Fire Protection and Code Consultant
Michael Blades and Associates, LTD	Elevator Consultant
Keith Davis Group, LLC	Roof and Waterproofing Consultant

Architecture

The Corporate Headquarters was designed to mimic the architecture of the existing outdoor mall directly to the North of the site. The building's façade is broken up into several segments in order to mimic the classic storefront look of the outdoor mall. With its large windows, curtain wall, and brick façade, the Corporate Headquarters strives to serve as a model of Classic Modern American Architecture.



Rendering Courtesy RTKL

Sustainability

- Central courtyard: can be access on third floor, features intensive green roof, a seating area for building occupants, and trees to help provide shade.

Structural

- Foundation: spread footings and grade beams, some of which are supported by aggregate piers
- Framing: steel framing, featuring w shapes for most beams, girders, and columns
- Lateral: 8 braced frames near the core of the building

Lighting/Electrical

- Integrated Power Center: housed on first floor of building
- 35 kV conductors
- Photoelectric switches used indoors and outdoors
- Nominal System Voltage: 480Y/277 V

Mechanical

- Variable Air Volume system
- 14 Rooftop Air Handling Units providing up to 37,500 CFM
- CRAC and Split Systems utilized in other areas of building.
- Radiant Heating Electric Cables used as secondary heating

Rendering Courtesy RTKL