

## GIBSON ELECTRIC BUILDING INFORMATION MODELING (BIM)

### Advanced Software for More Efficient, More Effective Project Delivery.

HUNDREDS  
OF PROJECTS.  
NINE MAJOR  
MARKETS SERVED.

- Biotech/Healthcare
- Commercial
- Education
- Entertainment/Hospitality
- Manufacturing/Industrial
- Mission Critical Facilities
- Public/Government
- Technology
- Transportation



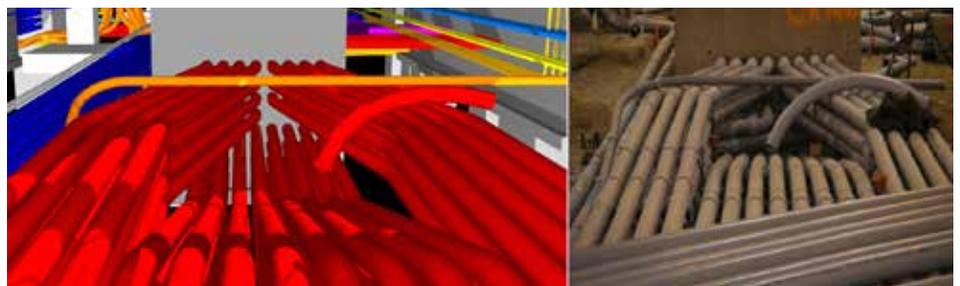
Gibson Electric is an ISO 9001:2015-certified electrical construction firm specializing in commercial electrical and telecommunication infrastructure design, structured cabling installation and maintenance, electrical power distribution systems, data transmission systems, and distributed antenna systems (DAS).

Our virtual construction department boasts more than 40 years of combined building information modeling (BIM) coordinating experience. Our advanced BIM technology is tightly integrated into our work processes, helping us to avoid rework, identify constructability issues, leverage prefabrication opportunities, and communicate effectively within our own teams and among fellow contractors.

#### On the Drawing Board and In the Field, Leveraging BIM for Success

BIM coordination can only benefit construction if it is effectively communicated to installation and construction teams in the field. By utilizing laptops and portable handheld devices, we ensure our foremen have access to the latest information in real-time.

All contract documents, installation drawings, field layout points, markups, and 3D modeling are hosted in the cloud for rapid access, anytime, anywhere. And, we go a step further, by providing training in these technologies for all foremen and office personnel.



## GIBSON ELECTRIC BUILDING INFORMATION MODELING (BIM)



### Model-Based Prefabrication for Rapid Construction

Our team uses Autodesk Revit to create intelligent models, allowing our shop to pre-fabricate electrical panels, junction boxes, hangers, conduit bends, strut assemblies and more. Pre-fabrication helps us shorten installation schedules while improving safety and quality control.

### Mission Critical Project Leadership

Customers often look to Gibson to run or assist BIM coordination for all subcontractors on mission critical projects. Backed by long-standing industry relationships, we take a collaborative approach to help ensure BIM supports construction schedules while allowing coordinators to work quickly and efficiently.

### Local Expertise, National Experience

As a subsidiary of EMCOR Group, Inc., our BIM team is a valuable resource to our sister companies; we have completed projects with them across the country. Similarly, we are able to draw on the talent of those companies, adding flexibility and scalability to our capabilities.

### While You Work, Injuries Lurk. Be Vigilant.

EMCOR's safety performance consistently remains strong year after year with a current rate that surpasses competitors by 60-75% and ranks 66% lower than the Bureau of Labor Statistics industry average.

*(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2012-2017)*

### Harnessing the Power of a Fortune 500® Leader.

A Fortune 500® company, EMCOR Group, Inc. (NYSE: EME) is a leader in mechanical and electrical construction, industrial and energy infrastructure, and building services.

EMCOR specializes in planning, installing, operating, maintaining, and protecting the sophisticated and dynamic systems that create facility environments. This includes systems such as electrical, mechanical, lighting, air conditioning, heating, security, fire protection, and power generation.

With over 180 locations and approximately 33,000 skilled employees, EMCOR works in virtually every sector of the economy for a diverse range of businesses, organizations, and government agencies.

## HOW CAN WE HELP YOU?

**Gibson Electric**  
3100 Woodcreek Drive  
Downers Grove, Illinois 60515-5427

**T: 630.288.3800**  
**F: 630.743.2100** Electrical Division  
**F: 630.743.2101** Technologies Division  
[www.gibsonelec.com](http://www.gibsonelec.com)

