

Electrical BIM Technician

Job Titles

- Electrical BIM Technician I
- Electrical BIM Technician II
- Electrical BIM Technician III

Reports to

- BIM Coordinator

Position Overview

- Under the direction of the Electrical Engineer and Electrical Designer, the electrical BIM technician applies drafting and electronic building information modeling to document the design and specification of electrical and communications systems. The electrical technician may be asked to participate in coordination meetings with design team members and clients, to correspond with vendors and contractors, and to perform site surveys.

Duties and Responsibilities

- Proficient with REVIT.
- Conduct site surveys and document existing conditions.
- Develop preliminary receptacle layout and circuiting.
- Develop preliminary lighting layout and circuiting.
- Develop preliminary fire alarm device layout.
- Develop preliminary data device layout.
- Shows initiative in learning design software like Acuity Visual and SKM PowerTools for Windows.

Qualifications

- Electrical BIM Technician I: No prior experience.
- Electrical BIM Technician II:
 - Two-year degree in engineering or technology related subject area and 3 years verifiable work experience, or
 - 5 years verifiable work experience.
- Electrical BIM Technician III
 - Two-year degree in engineering or technology related subject area and 8 years verifiable work experience, or
 - 10 years verifiable work experience.

Working Conditions

- Generally, work is in a typical office environment.
- Travel to client meetings may be required.
- Travel to project sites and the ability to document existing conditions is required.
- Compliance with client safety protocol is required.
 - Hard hats, safety toe shoes, hi-visibility vest, ear and eye protection are sometimes required to be used.

- Some evening and weekend work is required.

Direct Reports

- Non-exempt employee.