

JOB DESCRIPTION

POSITION TITLE:

Structural Designer /
Revit Technician

DEPARTMENT:

Structural

INCUMBENT:**REPORTS TO:**

Director,
Structural Engineering

DATE:

December 2022

GENERAL FUNCTION:

Under the direction of the Director of Structural Engineering, the Structural Designer formulates, designs and draw structural illustrations, schemes, and designs.

ESSENTIAL DUTIES & RESPONSIBILITIES:

- Create sketches and models of proposed designs, including computer models for visualization proposes.
- Review budling plans and coordinate architectural, mechanical, etc. with structural drawings.
- Prepare preliminary structural drawings for design.
- Contact different disciplines for coordination and preparation of structural drawings.
- Create drawings that show how each element of a structure will be constructed and how it will be assembled with other elements.

QUALIFICATIONS / SKILLS AND ABILITIES:

- Bachelor's degree in Engineering or comparable years of industry experience.
- Proficient with computer design software, Revit, and BIM Modeling.
- Ability to read technical drawings.
- Ability to work as part of a team and individually on projects.
- A keen eye for detail.
- Excellent time management skills.
- Highly organized
- Strong communication skills.



PHYSICAL DEMANDS:

The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

Employee is regularly required to use hands to fingers, handle, or feel; reach with hands and arms; climb or balance; and talk or hear. The employee frequently is required to stand, walk, stoop, kneel or crouch. The employee is required to sit. The employee must regularly lift and/or move up to 10 pounds, and occasionally move up to 50 pounds. Specific vision requirements include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to focus.

WORK ENVIRONMENT:

Characteristics of the work environment are representative of those that may be encountered by an employee while performing the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

We understand and mutually accept that the above description and supplement represent our agreements as to the job to be performed.

Employee

Date

Supervisor

Date

