



Structural Designer Assistant

General Job Description:

Prepares structural calculations package and instructs project technicians on developing structural plans, specifications, and details. Structural Designer Assistant will rely on instructions, training, and supervision of the Team's primary Project Engineer to perform the functions of the job. Primary job responsibilities typically will not require exercising independent engineering judgment in relation to project problems and solutions for design and/or field fix. Responsibilities include, but not limited to:

- Participation in development of section cuts and details as necessary to complete submittal drawings.
- Providing structural analysis and design for projects.
- Participation in training team members in basic structural engineering principles and concepts, and applications of local building codes.

Work experience requirements:

- Up to three years of experience in engineering.
- Up to three years of progressive engineering experience in the ALI system.

Qualifications and Skills requirements:

- AutoCAD proficient.
- Basic knowledge of Windows: Word & Excel
- Reading and interpreting engineering drawings, specifications, and details.
- Design knowledge and application of Model & Local Building Codes
- Knowledge of structural analysis and design employing vertical and lateral load determination, for low-rise buildings.
- Knowledge of ALI Design and processes.
- Knowledge of design application and design standards (AISC, NDS, etc.)

Education and Training Requirements:

- Bachelor's Of Science degree in Civil Engineering or equivalent.
- Engineer-In-Training Certificate

Department: Engineering Design and Analysis

Reports to: Project Engineer

Reviewed by: Alvin E. Lewis, Jr.
Title: VP and C.O.O.

Approved by: Rapunzel J. A. Lewis
Title: President and C.E.O.

Type of position:

- ⊖ **Full-Time**
- * **Part-Time**
- * **Intern**

Hours 40 / week

- ⊖ **Exempt**
- ⋯ **Nonexempt**

EE Classification

- ⋯ **Class 1**
- ⋯ **Class 2**
- ⋯ **Class 3**
- ⋯ **Class 4**