
MEMO DETAILS: JOB DESCRIPTION**REPORTS TO:**

VP, Engineering – Holly Janowicz

EFFECTIVE:

2023-04-13

LOCATION:Denver, CO

POSITION SUMMARY:

BYLD is looking for a structural Engineer in Training (EIT) to join our Design and Engineering Group at our Denver, Colorado office. This engineer will have the opportunity to work on multifamily, student, senior housing, hotel and self-storage projects with cold-formed steel structures. This position will provide opportunities to gain experience with new building design, project management, research and development, and construction administration. The successful candidate will develop expertise in a broad range of structural engineering skills, demonstrate willingness to learn, show motivation and innovative thinking, and work well as part of a team. This position allows for interactions with owners, architects, contractors, and other trades early in your career as you build relationships throughout the project life cycle.

JOB RESPONSIBILITIES:

The following job responsibilities will be performed under the supervision of a licensed engineer and support of an energetic and well-versed team of engineers, architects, contractors, etc.

- Collaborate with internal and external team members to perform engineering tasks, participate in design discussions, and work through project challenges.
- Project feasibility analysis including interpretation of project drawings and preliminary design tasks.
- Work with the BYLD software team to aid in development of design and drawing automation.
- Study and apply building code, material code, and/or jurisdictional requirements to complete project design calculations and analysis using analysis software and manual methods as required.
- Research and development work that includes design, software, and construction advancement.
- Work with BYLD's construction team for constructability assessment and construction administration tasks.
- Assist in project management tasks including working with various disciplines on a project, scheduling, and pricing.
- Communicate and coordinate design concepts with clients, other team consultants, and contractors.

ABOUT BYLD:

BYLD is a construction technology company that provides software and hardware solutions for the design and construction industry. BYLD's goal is to provide a more efficient and cost-effective framing solution for cold-formed, steel multi-unit structures. BYLD operates in a dynamic environment and strives to support a culture that is collaborative, innovative, and creative. BYLD offers a flexible work environment that combines remote and in-office work.

QUALIFICATIONS:

- Bachelor's degree in civil/structural engineering from an institution with ABET accreditation
- Has passed FE Examination
- 0-4 years experience
- Motivated, passionate, and deadline driven
- Working knowledge of building and material design codes
- Excellent time management and organizational skills
- Strong written and interpersonal communication skills
- General computer proficiency and an aptitude to learn new software
- Proficient in Revit and structural analysis software (desired qualification)