

Job Opportunity - Cadwork Designer

Invermere, BC



High performance building
+ Off-site construction

Collective Carpentry is in search of an experienced Cadwork Designer for our growing operation.

Collective Carpentry, a residential construction company which designs and fabricates super-insulated panelized building assemblies at a facility in Invermere, British Columbia, and delivers and installs them across western Canada and the western United States, was established in 2006 as a General Contractor serving the Columbia Valley in 2006, and has been operating in its current facility since 2014, with plans to grow into a larger facility in 2022. The company supports architects, clients, and other building professionals in building to Passive House standards of energy efficiency, comfort, and performance as a means to providing housing, social, and climate solutions.

The ideal Cadwork Designer candidate will have an interest in sustainable, ecologically-minded building practices and be comfortable working in a small company environment. He or she will possess at least two years experience working with Cadwork software - whether in a timberframing, prefabricated construction, or other similar environment - and have experience or education in residential architectural design and construction. He or she should bring an open, collaborative perspective, while being efficient and detail-oriented in executing Cadwork design tasks. See more about our company's team and values at collectivecarpentry.com.

The Cadwork Designer role is a **full-time role** that will be based on site in Invermere, with flexibility to work remotely when the need arises. *Assistance for relocation to Invermere, fully remote work, or taking on the role part-time are all possible depending on circumstances.*

Responsibilities include:

- Use architectural plans, structural drawings, and Cadwork modules to build out parts-based models for custom prefabricated wall, floor, and roof panels, as well as additional structural and mechanical items including timberframes, mass timber, steel parts, mechanical systems, etc.
- Learn, master, and improve Collective Carpentry's Cadwork design processes, organizing conventions, etc.
- Identify and implement opportunities to make the Cadwork design process increasingly efficient yet flexible to adaptation to each project
- Communicate with architects, engineers, general contractors, and other related parties to implement design requirements into Cadwork models
- Produce 2-dimensional review drawings for review by architects, engineers, general contractors, mechanical/structural steel contractors, and other related parties
- Produce 2D shop drawings and install drawings for shop and install teams
- Assist with the integration of Cadwork to other software (Ligna Cam, quoting, inventory) platforms
- Support the sales team with preliminary 3D models for quoting purposes
- Support the marketing team by producing renderings, details, and other documentation to assist designers in designing for prefab
- Communicate with suppliers and vendors to obtain information about material availability, specification, and pricing as needed
- Update the company's Project Management software

Collective Carpentry offers full-time employees competitive salaries, additional benefits, educational opportunities, and a decidedly social, fun, and hard-working work environment. Collective Carpentry believes in diversity, inclusion, and providing opportunities for disadvantaged and marginalized communities.

Interested candidates, please send a resume and cover letter to info@collectivecarpentry.com.

June 2021