



Job Title: Designer – Building Products	Employee Signature & Date:
Department: Building Products	Reports to: Program Manager
Revision Date: October 2023	Approved By: COO

Position Overview

The Integrity Group of Companies consists of five different business units, with the primary areas of focus including the construction of post frame buildings across Western Canada, supplying framing material packages to homebuilders in Calgary and area, as well as manufacturing.

The Designer will work closely with Account Representatives and department managers to prepare accurate design of building materials and components for customers. Their role is to ensure that we deliver accurate, competitive designs with high levels of customer satisfaction to new and existing customers.

The Designer's role is responsible for Interpreting and reading plans as required to design structural models primarily using the Mitek Software suite. This includes modeling and designing packages for different scopes of construction. Ranging from foundations to EWP floors, prefabricated wall panels, roof truss and everything in-between. Applications can range from single-family to multi-family.

Roles and Responsibilities

- Read and interpret blueprints and structural drawings
- Create full construction designs
- Create engineered floor and/or wall, and/or roof layouts for construction use and permit processing, as well as costing
- Prepare shop drawings, floor plans, technical documents (ASI, RFI, RFQ).
- Prepare Material Summary, Cost Breakdown & Order Sheets for Sale Department
- Provide technical assistance to customers and the sales department
- Collaborate with drafters, architects, engineers, city officials, trades and contractors
- Use BIM software to design and model structural materials, components and systems
- Gather Information and Structural requirements
- Optimize the Design to meet Construction standards, while being economically efficient
- Understand and implement load transfer through the structure
- Understand design standard for specific clients
- Collaborate with other design departments to ensure an efficient structure

- Audit design before final production release to minimize deficiencies
- Follow up all on correspondence relating to accounts
- Liaise between Company Departments
- Occasional site visits and other job-related duties performed as required

Education/Experience Requirements

- Diploma from minimum 2 year technical college and/or 3 years related experience is an asset
- Previous experience in Lumber and construction estimating experience is an asset
- Must have a basic understanding of building code and construction scope and industry
- Knowledge of EWP, Wall Panels, and Manufactured Components and Accessories

Skills/Qualifications

- Extremely well organized with strong attention to detail
- Advanced functional computer and math skills
- Self-starter with the ability to work cooperatively and be willing to assist others
- Demonstrates professionalism, flexibility and 'can do' attitude
- Demonstrates understanding and adherence to a high level of confidentiality
- Excellent verbal and written communication skills
- Excellent interpersonal skills
- Able to adapt to fast paced environments
- Ability to multi-task with strong time management skills and manage conflicting priorities
- Analytical, fair problem-solver

Technology & Equipment

- Google Workspace (Drive, Sheets, Gmail, Slides, Docs)
- Experience with Mitek Sapphire preferred, will consider previous experience using Javelin, iStruct, etc.
- Experience with AutoCAD, BIM, Revit and other drafting and design software an asset

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as assigned to meet the ongoing needs of the organization.