NextGen Building is hiring a full-time Drafter/Designer

About
NextGen Building Components is Rochester’s newest manufacturer of pre-assembled building components. We provide engineered wood roof and floor trusses, as well as prefabricated wood wall panels, for residential & multi-family building projects.

Position
Our Truss and Wall Panel Building Components Designer is the design expert behind NexGen Building Components truss, floor, and wall systems. He or she is the technical authority on cost-effective and well-designed engineered wood systems covering everything from single load-bearing headers to large multi-family and commercial building projects. The Designer has extensive knowledge of building codes and best practices in wood construction specifically for in and around the New York State area.

Duties & Responsibilities
• Uses computer-aided drafting (CAD) software to design full-scale and detailed designs for floor, truss, and wall systems components of buildings and interiors from an architect’s rough drawing or specs from blueprints.
• Studies building codes and regulations and determines how they will affect architectural designs.
• Visits jobsites or meets with clients to gather data needed to complete designs.
• Works with architect, project manager, sales representative to generate cost estimates, contracts, and other documents required for individual projects.
• Improves design and reduces costs of building components where possible.
• Investigates any possible discrepancies between architectural design and real-world building requirements.
• Ensures that all designs questions are answered by customer before production begins.
• Completes designs in a timely manner according to deadlines and production schedules.
• Communicates effectively and directly with sales force and customers as necessary during design process
• Prepare estimates and quotes.

Education/Experience
• Associate degree or higher in Architectural Design, CAD, Drafting.
• Two or more years of architectural product design (Floor and Roof Trusses and Wall Panels).
• Extensive knowledge of CAD software and other architectural drafting tools.
• MiTek Sapphire Management and Structure layout software, preferred.
• 20/20 Engineering software to produce quotes and orders, preferred.
• Read and interpret blueprints and schematics.
• Calculate load flow.
• Create quotes and estimates for Roof & Floor Trusses and Wall Panel projects.
• Work under pressure and problem-solving.
• Interact with clients and co-works using excellent written and verbal communication skills.
• Work as part of a team, both within their department and between departments (shop production work and sales).

How to apply:
Please send your Resume, Cover Letter, and MCC M# to: Joe Snowden at jsnowden4@monroecc.edu