

Since 1964 the MCW Group has built a solid reputation for the delivery of Professional Consulting Engineering Services, Energy Management Services, and Engineering Development Services. The systems designed by the MCW Group of Companies are built to deliver energy effectively in the form of lighting, heating and cooling, as well as information in the form of voice and data. By the very nature of the solutions provided, the MCW Group of Companies help to create the environments required for Clients to live, educate, work, play and heal.

We have created for our clients the largest block of verified carbon emissions savings of any Canadian consulting firm. For more than two decades MCW Consultants Ltd., and its sister company, MCW Custom Energy Solutions Ltd. have been providing sustainable building designs with the goal to permanently reduce our clients' environmental footprint and create sustainable communities.

For further Information please check out our website: www.mcw.com.

Our Company is currently seeking a self-motivated, hardworking Mechanical Design Technician to join our Thunder Bay, Ontario office. This is an exciting opportunity to gain hands-on experience while participating in the exciting growth of MCW's operation in Thunder Bay and throughout Northwestern Ontario.

Position: Mechanical Technician

Location: Thunder Bay, Ontario

Responsibilities: The Responsibilities of this position include but are not limited to the following:

- Interpret design mark-ups and draft mechanical designs.
- Using Revit and AutoCAD to create and design construction documentation for healthcare, hospitality, commercial and institutional projects
- Prepare construction drawings as directed by Project Engineer and Project Manager
- Utilize modern computer-assisted design (CAD) and Revit software for maximum quality and efficiency of producing, construction documents. This includes all stages including concept through tender, addendum sketches, and as-built records.
- Process/prepare received documents for internal use (i.e. Clean-up of Architectural floor plans, sections in accordance with established procedures).
- Check and verify design drawings to conform to specifications and design data
- Perform general duties as required such as printing/plotting, submitting drawings to contractor and completing mark-ups for 'as-builts' and in turn updating MCW records.
- Utilize other software such as MS Office Suite (Word, Excel and PowerPoint).
- Consistently follow company policies, procedures and file structures/format.
- Perform general duties as required such as printing/plotting/scanning/conversion/quantity take-offs/measurement.
- Attend meetings and conduct site inspections in combination with the Project Engineer and Project Manager
- All duties to be performed accurately and efficiently in order to deliver quality product/service on schedule
- The duties and responsibilities listed above are representative of the nature and level of work assigned and are not necessarily all-inclusive
- Prepare design/engineer calculations based on building parameters to determine heating/cooling loads and plumbing summaries
- Travel as required throughout various locations in Northwestern Ontario via roadway and air

- Overtime as required

Education and Experience:

- Post-secondary education in Mechanical Engineering Technology and/or Building systems OR the ability to demonstrate sufficient knowledge received from previous work experience in a similar position is required.
- Minimum 5 years relevant working in Revit and CAD in any or all of the following areas; Fire Protection, Plumbing, HVAC is required
- Mechanical knowledge in HVAC and plumbing design is a definite asset
- Demonstrated experience in Revit, experience with AutoCAD and Visio is also an asset
- Intermediate proficiency with Microsoft Office Suite Package (Word, Excel, PowerPoint, Project, Outlook)
- An individual in Canada, on a work permit will be considered

Required Skills:

- The position requires the incumbent to have competence with a variety of computer software including high proficiency with Revit (BIM); experience with AutoCAD is an asset.
- Intermediate proficiency with Microsoft Office Suite Package (Word, Excel, PowerPoint).
- Understanding of building systems, interference coordination with other building elements, function, and 3D visualization is considered as an asset
- Electrical and Mechanical knowledge would be an asset.
- Ability to meet deadlines/successful completion of deliverables.
- Ability to communicate and work well with other departments.
- Excellent time management skills with the ability to work under pressure on single/multiple tasks.
- Strong attention to detail.
- Team and client-focused.
- Completion of a college program in Drafting considered an asset.
- Knowledge received from previous work experience in a similar position considered an asset.

Job Specific Competencies:

- Analytical Thinking – Analyzing and synthesizing complex situations and information to understand issues identify options and support sound decision making.
- Attention to Detail – Working in a conscientious, consistent and thorough manner.
- Client Focus – Provides added value through service excellence to internal and/or external clients.
- Continuous Learning – Identifying and addressing learning and developmental needs to enhance own performance.
- Decision Making – Making decisions involving varied levels of risk and ambiguity.
- Information Gathering and Processing – Locating and collecting data from appropriate sources and analyzing it to prepare meaningful and concise reports that summarize the information.

- Problem Solving – Identifying problems and the solutions to them.
- Resilience – Remains energized and focused in the face of ambiguity, change or strenuous demands.
- Results Management – Organizes time, work and resources to accomplish objectives in the most effect and efficient way.
- Teamwork – Working collaboratively with others to achieve organizational goals.
- Achievement Orientation - Focusing efforts on achieving high quality results to help others meet and exceed the organization’s standards.
- Initiative - Dealing with situations and issues proactively and persistently by identifying the immediate action needed and seizing the opportunities that arise.

Interested applicants please apply online or send your application to careers@mcw.com indicating the position title in the subject line.

We thank all candidates for their interest, however, only those being considered for an interview will be contacted.

No phone calls, please.

MCW Group of Companies is an equal opportunity employer.