

Mechanical BIM/CAD Modeler

About Republic

Republic Architecture Inc. is a creative and inclusive team. We are passionate about our work and committed to a collaborative approach to design and practice. Driven by the journey, we utilize an explorative process that connects all the right people around the table. Our desire to produce thoughtful and sustainable projects that engage the public is at the heart of everything we do.

Position

We are looking for a **Mechanical BIM/CAD Modeler** to join our expanding team. This individual should be flexible, adaptable, and have a strong desire to learn and gain experience with duties that include both drafting and design. Duties for this role include:

- Prepare plumbing, HVAC, and fire protection construction drawings in Revit MEP or AutoCAD MEP for the Mechanical Engineer;
- Assemble composite design models for coordination with other disciplines;
- Execute clash detection studies and provide feedback to the design team for coordination;
- Collaborate with the Design Technology Leader and the Mechanical Engineer to develop mechanical drawing standards;
- Perform projects heating and cooling load calculations (training will be provided);
- Learn mechanical design principles so design activities can be executed directly in modeling and drafting software;
- Develop and maintain effective working relationships with all team members, external consultants, and clients; and
- Other tasks as assigned by the Mechanical Engineer or Project Managers.

Qualifications

The successful candidate will have a college diploma from a building services program or related experience in a relevant field. Minimum of two years' working with Revit MEP, and experience within a building design consulting environment would be an asset.

Apply

If want to be part of a dynamic and growing design team, email your resume in confidence to careers@republicarchitecture.ca