

T2M
ENGINEERING

T2M Engineering

KNOWLEDGE – EXPERIENCE – CONFIDENCE

Company Information

T2M Engineering Ltd. is a young, dynamic consulting firm that was established in Calgary, Alberta in 2014. We have over 12 years of experience in the engineering and the design of foundations and structures made of concrete, steel, wood and masonry. The managing principal of T2M Engineering, Timm Stein, holds a Civil Engineering degree from the elite University of Aachen, Germany, in addition to a Master of Science in Civil Engineering from the University of Calgary. He is also a LEED Accredited Professional. Timm's background ranges from the design of pedestrian and highway bridges to underground parking structures, healthcare facilities, corporate buildings, educational buildings, custom residential buildings, municipal projects and industrial facilities.

Professional Services

T2M Engineering Ltd. offers a broad range of Civil Engineering services with a large focus on Structural Engineering:

- Foundations
- Buildings
- Steel, Concrete, Wood and Masonry Design
- Earthworks/Grading Design
- Drainage Design
- Quality Control
- Independent Engineering Checks
- Site Supervision
- Field Inspections
- Contract Administration

Projects

Throughout his career, Timm has been involved with the engineering and the design of a variety of small, medium-size and large projects:

- Custom Residential Homes
- Pedestrian Bridges
- Highway Bridges
- Healthcare Facilities
- Educational Facilities
- Corporate Buildings
- Parking Structures
- Oil and Gas Facilities

Company Values

At T2M Engineering Ltd. we put a strong emphasis on Accountability, Integrity, Commitment, Quality and Safety.

We are proud of the services that we provide to our clients and the quality of the work that we produce.



Publications

- Design Issues of Foundation Types in the Oil and Gas Industry,” Bourne, Jared, and Stein, Timm. *CSCE General Conference*, Proceedings, Montreal, Quebec, Canada, May 2013.
- “Design of Stress Ribbon Bridges in Fish Creek Park,” Birkle, Gerd, and Stein, Timm. *Canadian Society of Civil Engineering, 8th International Conference on Short and Medium Span Bridges, CD-Proceedings*, 2010.
- “Design Related Issues of Stress Ribbon Bridges,” by T. Stein and G. Birkle, *CSCE Structural Specialty Conference*, Proceedings, Quebec City, Quebec, Canada, June 2008.
- “Distinction Between Punching and Flexural Failure Modes of Flat Plates,” by T. Stein, A. Ghali and W. Dilger, *ACI Structural Journal*, Vol. 104, No. 3, May-June 2007.

Professional Registrations

- Association of Professional Engineers and Geoscientists of Alberta (APEGA)
- Association of Professional Engineers and Geoscientists of British Columbia (APEGBC)
- Canada Green Building Council (CaGBC)
- WCB Alberta



We evaluate each and every project from the start to determine the most efficient and cost-effective engineering solution, while making sure that the end product is safe and in accordance with all applicable codes and regulations.



EXPERIENCE

At T2M Engineering Ltd. we have over 12 years of experience in the structural engineering of foundations, industrial facilities, corporate, institutional and recreational buildings, parking structures and bridges. We have successfully designed structures made of concrete, steel and wood.



IDEAS

We treat each and every project as a unique engineering challenge. From the first concept to the detailed design of structural members and connections, we strive to implement new ideas to deliver a product that is not only functional, but also beautiful, efficient and well-engineered.



DESIGN

At T2M Engineering Ltd. we design each and every project with precision and attention to detail. Our documentation is clear and complete. A healthy balance between overall efficiency and detailed design ensures that we deliver high quality projects on time and within budget.



QUALITY

We believe that outstanding quality is a fundamental principle of structural engineering. Quality control leads to proper engineering and safe designs. Our documentation is thoroughly reviewed to make sure that the requirements of all applicable codes and regulations are met.



SUPPORT

T2M Engineering Ltd. can provide site supervision, conduct field reviews and engineering investigations, and provide quality control. We provide detailed reports during the course of construction. We make sure that your project is built right and in accordance with the contract documents.

Knowledge. Experience. Confidence.

T2M Engineering Ltd.

www.t2meng.ca

info@t2meng.ca