



STRUCTURAL ENGINEERING - SOLID FORMATIONS

FORM ENGINEERING

FORM Engineering is one of three divisions of **FORM** Architecture Engineering providing full service project delivery, specializing in the complexity of modern structures.

This team provides structural input for all new **FORM** buildings, as well as providing analysis and review of the existing building structural systems. While this division works directly with the architectural projects of the firm, it also operates independently as an industry consultant and one-to-one with clients.

Our engineers and technologists have established theoretical knowledge and problem-solving skills for structural designs with concrete, wood, masonry and precast forms. While continuing to focus on the creativity and ingenuity in architectural design explored by the firm, this division looks for opportunities to support the current and new sustainable methods for the use of wood in design.





FORM Engineering has an extensive portfolio of work in a variety of geographical areas and conditions, particularly those of Northwestern Ontario.

We offer consulting and project management working across a broad spectrum of clients in healthcare, commercial, institutional, government and First Nations sectors.

An overview of our engineering services includes:

- Structural Design for New Buildings and Renovations to Existing Buildings
- Innovative Designs with Heavy Timber, Masonry, Concrete and Steel
- 3D Structural Building Information Modeling
- Structural Assessments And Post-Disaster Structural Inspections
- Feasibility Studies
- Third Party Owner Representative
- Static And Dynamic Structural Analysis
- Building Permit And Construction Drawings
- Shallow And Deep Foundations

