

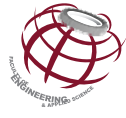
Client Project Submission Form

To be submitted to Instructor: Stephen Bruneau, sbruneau@mun.ca, 864-2119

Civil Engineering Design Course ENGI - 8700

Memorial University

Faculty of Engineering and Applied Science
St. John's NL, Canada A1B 3X5



CLIENT

COMPANY DBA Consulting Engineers Ltd

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(at least one P.Eng)

Proposed Project Title

Gibraltar Office Building

Description of Project

Complete the design, estimate and drawings of a three storey office building located in St. John's, NL. Office to be a mix of glulam and steel framing with concrete foundations. Possible use of cross laminated timber panels in lieu of wood roof decking. Floors to consist of composite metal deck with concrete topping.

Requirement of Student Group

- Calculate required loads (i.e. Dead, Snow, Live, Wind, & Earthquake)
- Design building for all loading conditions (vertical and lateral).
- Produce drawings, quantity take-offs and tender estimate.
- Report as required by course describing design procedure

COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS

- Students will require use of structural software (i.e. S-Frame), and pertinent design codes (NBCC 2010, Steel Code -CSA-S16-09, Concrete Code - A23.3-04, Wood Code - O86-09)