

Client Project Submission Form

Civil Engineering Design Course ENGI - 8700

Memorial University

Faculty of Engineering and Applied Science

St. John's NL, Canada A1B 3X5

To be submitted to Instructor: Stephen Bruneau, sbruneau@enr.mun.ca, 737-2119

CLIENT

COMPANY	SDI Engineering	address	Suite 306 Terrace on the Square, St. John's, NL		
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Proposed Project Title

Northeast Avalon YMCA

Description of Project

The Northeast Avalon YMCA is a multiuse sports and recreation facility. The structure consists of both reinforced concrete and structural steel members. The purpose of this project is to provide analysis, design, and budget costing for the structural steel members comprising the main gym / track area of the building.

Requirement of Student Group

Analyze steel structure for vertical and horizontal loading (as per the requirements of the National Building Code of Canada, 2005.) using S-FRAME software.

Size steel members as required.

Provide preliminary drawings (Plans, Elevations, Sections, etc.) and budget costing for the design.

COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS