

PROJECT REFERENCE DATA SHEET

Project Name	▶ Filter and Converter Building - Sudbury Ontario		
Client / Owner	▶ Demolition Client		Year ▶ --
Design Cost	▶ --		Contract Cost ▶ --

Description of Work:

Carvajal Structural Engineers Inc. (CSE) was retained to be the Demolition Specialist for the preparation of detailed partial interior guidelines for the large Filter Building and the Converter Building.

This work required a detailed review of the current operations within these buildings since the buildings were to remain in full operations. All structural demolition work of both structural and architectural work had to be coordinated with the operations of the buildings. Work included:

- The Complete demolition of a large structural steel framed building adjacent to the Converted Building was undertaken using CSE's prepared guidelines & procedures. The demolition work required the installation of structural bracing and staging to ensure that the remaining buildings remained in a safe and stable structural state.
- Once the exterior work was completed, select structural demolition of 1 of 10 Converters was to be performed so that a newer updated Converter could be installed. Detailed demolition guidelines/procedures were prepared so that the Converter could be separated and removed in stages while maintain the structural stability of the remaining building.
- The new Converter Structure Framing to include new footings were installed and co-ordinated with the removal work.
- Detailed structural demolition guidelines were also prepared for the interior demolition of the mezzanine slab while maintaining the interior of the building in operation.

Figure/Photographs:

