

**Project** 3M London Chilled Water Plant Installation

**Location** London, Ontario, Canada

**Client** 3M Canada

**Gryphon Contact** Paul Durkin

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**Project Summary** Installation of a chilled water plant with an initial nominal capacity of 300 tons and a future chiller capacity of 1500 tons. The project included a 300 ton motor driven centrifugal chiller, cooling tower, condenser water sump, sidestream filter, buried HDPE chilled water distribution piping, refrigerant monitoring system, and ventilation system.

**Project Services** Gryphon provided the following Services:

- Contract interface with the chiller and cooling tower suppliers.
- Contract coordination with the civil and mechanical/electrical contractors.
- Preparation of equipment bid specifications including pumps, chiller, cooling tower, sidestream filter, chemical injection system, refrigerant monitor, variable speed drives, etc., bid reviews, and procurement recommendations.
- Detailed engineering and designs for all installation work for mechanical, electrical, and instrumentation and controls
- Preparation of installation contract specifications.
- Review of all vendor drawings and documents.
- Monitoring of site installation work and commissioning.



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