

Project 3M Brockville Chilled Water Plant Extension

Location Brockville, Ontario, Canada

Client 3M Canada

Gryphon Contact Paul Durkin

Project Summary Installation of a 500 ton chilled water plant including two chillers, two primary and secondary loop chilled water pumps with variable speed drive, two cooling towers, a free cooling plate heat exchanger and pump for winter operation and distribution piping. The re-organization and expansion also involved relocating one existing chiller and modifying distribution piping for future expansion and the extension/modification of the Johnson Metasys control system.

Project Services Gryphon provided the following Services:

- Contract interface with chiller and cooling tower suppliers.
- Preparation of equipment bid specifications including pumps, cooling water storage tank, chemical injection system, variable speed drives, etc., bid reviews, and procurement recommendations.
- Detailed engineering and designs for all installation/modification 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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