



Cornell Chilled Water Plant III 2000 Ton Chiller Addition

Location: Ithaca, New York, USA

Client: Cornell University

Gryphon Contact: Peter Veldhuizen

Project Summary Installation of a constant speed, motor-driven, centrifugal liquid chiller with a maximum capacity of 2300 tons. The chiller was installed in a new building extension, which projected into a steep hillside requiring a braced steel sheet pile wall to permit excavation. Included with the new chiller installation was a roof mounted two cell cooling tower, chilled water and condenser water pumps and piping, new chemical feed equipment, step-down transformer, motor control center, and expansion of the distributed control system.

Project Services Gryphon provided the following Services:

- Initial study to establish project budget.
- Preparation of main equipment bid specifications, bid reviews, and procurement recommendations.
- Detailed engineering and designs for all installation/modification work (architectural, civil, mechanical, electrical, and instrumentation and controls).
- Preparation of installation contract specifications and bid review.
- Monitoring of site installation work and commissioning.
- Review of all vendor drawings and documents.



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