

Brown University

Central Heat Plant

Project Specifications

Contract Amount: \$1,000,000

Total Project Value: \$4,000,000

Construction Manager: Bond Brothers, Inc.

Mechanical Engineer: WM Group

Schedule: Multi-phased 2008 - 2008

Facility Type: Higher Education

Project Location: Providence, RI

Services Provided

- Retrofit
- HVAC
- Plumbing
- Fabrication

Highlights / Achievements

Installed control valves, circulation pump motors and frequency drives on existing HTHW system

Replaced existing Cooling Tower and installed new pump controls

3D Coordination and phased scheduling approach ensured minimal disruption to campus services



Project Overview

The Utility Systems Renewal and Upgrade project supports Brown University's broad-sweeping Academic Enrichment Initiative. This significant project included Arden's work to renew, expand and upgrade the Central Heat Plant from the original 1968 construction.

Value Delivered

Over the course of a three year multi-phased schedule, Arden managed the upgrade of various systems within the Central Heat Plant facility. This included the installation of new control valves, circulation pump motors and frequency drives on the existing HTHW system; the replacement of the existing cooling tower; and the construction of a new fuel heating system. Arden's expertise with 3D Coordination and phased scheduling ensured new systems were brought online with minimal disruption to campus life.



DESIGN • CONSTRUCT • MAINTAIN

505 Narragansett Park Drive, Pawtucket, RI, 02861

Tel (401) 727-3500, Fax (401) 727-3540, www.ardeneng.com