

Rivier University Village Dorm Project

Nashua, NH | Denron Hall Plumbing & HVAC



- **Project Overview:** Delivered two energy-efficient dormitory buildings for Rivier University’s 2024 school year, balancing cost savings with student comfort and operational efficiency on a tight schedule.
- **Key Features:**
 - Implemented custom energy recovery ventilators and a propane boiler system with ceiling-mounted radiant panels for optimal heating.
 - Installed radiant tubing for snowmelt systems to enhance safety and functionality.
 - Utilized a unique wooden frame design with structural adjustments to accommodate advanced mechanical systems.
- **Cost-Saving Innovations:**
 - Proposed alternate piping materials and equipment to reduce construction costs without compromising quality.
 - Introduced a cost-effective DDC Control system using Johnson Controls Facilities Explorer, fully programmed and commissioned by Denron Hall Plumbing & HVAC’s Building Automation Department.
- **Project Impact:** Successfully turned over both buildings in Fall 2024, exceeding Rivier University’s expectations for comfort, energy efficiency, and operational performance.

- **Teamwork:** Collaborative effort driven by Derck & Edson and Consulting Engineering Services Inc. as engineer, architect, and designers, with Denron Hall Plumbing & HVAC providing critical mechanical and control system expertise, alongside subcontractors: Liberty Electric, Hampshire Fire, Patriot Building Systems, and Pichette Bros. Construction Company.

