

Bonaventure II Office Building

This flagship addition to the Bonaventure Technological Park is a 105,000 square foot, five story Class A office building. Specifically designed for the flexibility required by high-tech tenants, its features include:

- Multiple Operator Workstations
- 168 DDC Controllers
- McQuay Open Protocol
- Variable Speed Pumping
- Energy Recovery Ventilation
- Air flow Measuring and Control



An energy efficient design includes variable speed drives on air handling unit supply fans, condenser water pumps, cooling tower fans, and the energy recovery system. A distributed system of over 150 VAV boxes provides individual tenant comfort and control. Outside, an exhaust air flow measuring system ensures optimal ventilation as well as proper building pressurization. System integration is accomplished using an open protocol interface to the McQuay self contained units for all point access at the workstation level. The Alerton IBEX for Windows workstation software provides a graphics based interface to numerous global control strategies including schedules, alarms, and trend logs. Two workstations allow for both on-site and remote building management.

"Hoffman Building Technologies has demonstrated superior knowledge in HVAC controls and equipment and provided us with exceptional customer service since our involvement with this project.

Mr. Brian Sparks, The Furman Company