



Philip Morris Research and Technology Campus

Richmond, Virginia



The Research & Technology center for Philip Morris is the most recent contribution to the city of Richmond's Biotechnology Park. The 500,000 sq. ft. - 10 story Center for Research and Technology Laboratory Building is connected by a Pedestrian Bridge to the Central Utility Plant, Circulation Tower and Parking Garage. Overall, Bell's scope of work included design assist and installation of all HVAC equipment, supporting services, lab services, plumbing and controls. Including of the equipment listed below.

- (41) AHU/ERU units with VFD's
- (5) Chillers = 5,000 tons of cooling
- (6) Roof top cooling towers
- (3) Boilers = 3000 HP
- (4) Laboratory Equipment skids
- (2) RODI systems
- Water Softeners
- Booster Pumps
- Waste Neutralization Skid and Lift Station

Internally this building hosted many challenges in its fast tracked 21 month schedule from start of project to certificate of occupancy. The building was comprised primarily of laboratory and research space with multiple ductwork systems, RODI service, laboratory gas, specialty gas and HVAC piping services. Also included was the installation of a state of the art Vivarium area with 8 separate HVAC systems, multiple plumbing systems and a study subject watering system.



Client Hourigan Construction Corp.
Owner Philip Morris USA
Subcontract Value \$70 million
Contract Type..... Firm Fixed Price
Architect/Engineer..... CUH2A Princeton, NJ

