



Atlantic Veterinary College Charlottetown, P.E.I.

Total Area 300,000 ft²
Total Construction Cost \$41,500,000.00
Mechanical & Electrical
Construction Cost \$18,000,000.00
Total Fast Track
Construction Time 30 Months
Project Completion September 1986
Construction Manager
..... J.C. Johnson & Associates
Prime Consultant WHW Group Inc.
Mechanical & Electrical Consultants
..... F.C. O'Neill, Scriven & Associates Ltd.



When designed, the Atlantic Veterinary College (AVC) was the only veterinary college east of Guelph, Ontario and third such facility in Canada. The complex was designed, tendered and built in a thirty month period. Multi-tendered packages were prepared to enable parts of construction to proceed while other parts were still in the design stages. Four different mechanical contracting firms were involved on the site, which necessitated additional co-ordination work during the design to ensure the successful interface between all systems.

The design of the mechanical and electrical systems presented a real challenge in design due to the wide variety of services that were to be housed in this complex. The AVC was not only an educational facility but also included an animal hospital, research facility, laboratories, veterinary clinic for both large and small animals, and a barn facility for healthy animals. The complex also housed a fish research facility for both fresh and salt water species of fish.

Due to these many different uses of the building, a large number of air handling systems were installed with the capability of maintaining pressure differences throughout the complex to prevent the spread of infection between various areas.

The project was completed on budget and on time and was ready for its first classes in September of 1986.
