

Transcona Access Centre



LOCATION: Winnipeg, MB

DESIGN TEAM: **Mechanical Consultants**
MCW/AGE Consulting
Professional Engineers
Electrical Consultants
MCW/AGE Consulting
Professional Engineers

SYSTEMS DESCRIPTION:

MCW/AGE was retained to design the mechanical and electrical systems for both the Base Building and Tenant fit-up portions of the Winnipeg Regional Health Authority Transcona Access Centre.

MCW/AGE worked closely with the Tenant (Winnipeg Regional Health Authority), the Tenant Architect/Interior Designer and the Contractors to ensure the Tenants' needs and requirements were met while working within the existing lease agreement.

A strong effort was made to design and install a Base Building mechanical system which would work with the future interior tenant layout and not require any modifications or relocations once Tenant construction was started. This was accomplished with a close liaison between MCW/AGE, the Tenant and the Architect.

The mechanical systems were designed to meet Manitoba Hydro Power Smart requirements for energy efficiency while maintaining ASHRAE standards for Health Care Facilities. Air-to-air heat recovery ventilators were installed to preheat outdoor air, along with Direct Digital Controls to ensure the building would operate in the most energy efficient manner possible.