

Centennial Library Millennium Project

LOCATION: Winnipeg, MB

COMPLETION DATE: Fall 2005

DESIGN TEAM:
Electrical Consultants
MCW/AGE Consulting
Professional Engineers
Architect
LM Architectural Group



PROJECT DESCRIPTION:

A major expansion and redevelopment of Centennial Library into a contemporary central branch with 40,000 sq. ft. of much-needed additional space and 139,000 sq. ft. of renovated space, including a grand entrance with access to the skywalk, a multi-level reading terrace, panoramic elevators, a large meeting room complex and a reading garden.

Development of a state-of-the-art facility with more public-access computers, increased online resources for the public, and computer-training room. A Young Adult Technology Centre comprised of a study area, computers and leisure space where students can spend some time in their own unique space

A large auditorium with multimedia enhancements; art gallery space, meeting rooms to accommodate groups of various sizes, tutorial rooms, and additional study and leisure space

MCW completed all aspects of the electrical engineering services including lighting, power distribution, emergency generator upgrade, and specialty communication systems such as silent panic alarms, CCTV, and integrated voice and data cabling. The design of the communication system integrates features to enable an easy transfer to Voice over IP services at a future date.

The Centennial Library contains the centralized data centre for the entire City of Winnipeg library systems of which was renovated to suit a higher density of servers and communication equipment.

The entire 40,000 sq ft of space on a new 4th floor was installed with raised floor to enable the ease of relocating mechanical, electrical and communication services for future equipment relocations.

