

# Bath Institute Redevelopment Bath, Ontario



**OWNER** Public Works Canada  
Contact: Mr. Vincent Pereira

**PROJECT ARCHITECT** Adamson Associates Architects  
55 Port Street, East  
Mississauga, ON L5G 4P3  
Canada

## PROJECT DESCRIPTION

Bath Institute is a medium security detention facility, upgraded from minimum security in 1994. This project added three new support buildings including Visits & Correspondence, Admissions & Discharge and Chapel/Meeting Buildings. Also, the project provided additions and renovations to the existing Case Management, Dormitory and Recreational buildings, as well as landscaping upgrades to site services and water management.



## SYSTEMS DESCRIPTION

### Mechanical

In the Chapel/Meeting Building, mechanical upgrading included plumbing and drainage, and a gas fired furnace used for heating. For Security/Case Management, all new mechanical systems including plumbing and drainage/fully sprinklered and rooftop package A/C units were implemented. H+V units were put in the Admissions and Discharge/Institutional Services area and the Visit and Correspondence area. A Rooftop A/C unit was put in the Reception Building, H+V units, fully sprinklered systems in the Recreation Building, and multi zone air handler, perimeter radiation, fully sprinklered in the Accommodations Building.

### Electrical

Electrical systems include replacement of overhead site power distribution with a new underground system to each building; all new site lighting for security purposes; site distribution services to accommodate integration of fire alarm, telephone, LAN and public address between all buildings. In the main security office, major modifications were required to accommodate the relocation and upgrading of the functions at the main communication and central post (MCCP), including new 2 stage fire alarm systems in each building connected back to the MCCP, extensive upgrading of the existing CCTV system throughout all facilities, and access control and door monitoring in several buildings.