

UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

Calgary Water Centre
Calgary, Canada

GOVERNMENT OFFICE PROJECT

180,000 gross sq. ft.

PRODUCTS USED:

ConCore access floor panels
Underfloor air
Modular wire and cable



Subject

CALGARY WATER CENTRE

The City of Calgary is committed to developing sustainable buildings that will enhance the indoor environment and the impact on natural resources. The largest green building to date, The Water Centre, is home to most of the office and field workers for The City's Water Services and Water Resources. As a sustainable building, the Water Centre reflects Calgary's responsibility to the employees who work there and the taxpayers who pay for it. The building has been carefully designed to save water, conserve energy and reduce our impact on the environment while providing occupants with a comfortable, healthy place to work. Designers were looking to incorporate only products that would result in a highly efficient building that's easy on the planet and pocketbook. Tate's Building Technology Platform was the elegant answer.

Tate's access floors with underfloor service distribution is one of the innovative features the Water Centre incorporated to reach their design goals. The infrastructure under the floor allowed for easy adjustments thanks to removable floor panels under the carpet tiles. Key infrastructure is located in hallways and other accessible locations.

Each workstation has its own floor diffuser allowing employees to manually adjust the flow and direction of warm air in their workspaces providing individual comfort controls. The floor vents take advantage of the natural tendency of hot air to rise to the ceiling, instead of trying to force it down from the top. This saves energy and improves air quality, as old air is displaced by fresh air creating a more productive working environment.

AUTHORIZED DEALER

TateASP Access Floors
Ontario, Canada

ARCHITECTURAL FIRM

Manasc Isaac Architects
Sturgess Architecture
Alberta, Canada

GENERAL CONTRACTOR

Dominion Construction Company
Alberta, Canada

Tate[®]