

School District 41

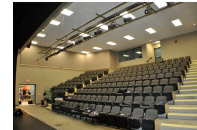
Burnaby Central Secondary School

Address ([Map](#)): 6011 Deer Lake Pkwy, Burnaby, British Columbia V5G0A9 Canada
 Sector: Educational Delivery Type: Design Build
 MCW Office: Vancouver Status: Complete
 Sub Categories: Secondary School



Mechanical:
MCW Consultants

Electrical:
NRS Engineering Ltd.



Architectural:
Grant + Sinclair Architects Ltd. (now Omicron)



Contractor:
D.G.S. Construction Company Ltd.



Project Description

This secondary school boasts a number of sustainable features, including increased energy efficiency (40% over Code), a geexchange closed loop heating/ cooling system, a weather-regulated irrigation system, durable construction, recycled and regional materials, construction waste management, riparian area restoration, and water-efficient plumbing.

Mechanical Systems Description:

MCW designed the plumbing and school ventilation and make-up air systems. Highlights include an unmetered water service assembly plumbing design, complete with backflow protection, blow-off connection, and below-grade chamber.