

Chilliwack Watson Elementary

The Need: A 8525 sq. ft. elementary school addition.

The Mission: To design and build an elementary school addition within a very specific budget and time frame to meet the school start date.









The Solution: BRITCO 'Modular Core Construction'® system, delivering the school on time and on budget.



"Building met our three requirements • on time
• on budget and good use of educational space".

Pete Sellmer, Director of Operations
Chilliwack School District

THE BRITCO 'MODULAR CORE CONSTRUCTION'® SYSTEM

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Contract Award 5/19/99	Notice to Proceed 5/19/99	Submission of Drawings 6/21/99	Approval Issued 6/28/99	Permits issued 7/7/99	Site Preparation 7/5/99	Delivery & Installation 7/26/99	Customer Acceptance 9/3/99
							

From start to finish: 42 working days from receipt of building permit.

Project Details

Owner/Project: Chilliwack School District – 8525 sq. ft. elementary school addition

Date of Install: July, 1999

Time to Construct: 42 working days

Goal: To build a school addition during summer break and have the addition ready for the school opening.

Project Details: The school addition consists of 8 factory pre-built modules that were in full compliance with the provincial education guidelines. The facility includes 8 classrooms, a renovation to existing school to connect the addition, clerestory over a central corridor and an outside canopy.

Interior: Details include taped, filled and painted drywall, woodframe construction, marmoleum and exposed concrete flooring, acoustic ceiling deck with open web steel trusses, individual heating units in each room with DDC system (dedicated digital control).

Exterior: Features include 'Hardipanel' siding, concrete foundation, double glazed windows and PVC roofing.

Special features: The school is designed to allow removal of 4 classrooms in 2 years time. The modules were prepped in the factory at the point where the classrooms will separate.

BRITCO's Project Manager coordinated all the aspects of completing this project including site preparation, service connections, and site construction of the clerestory.

The project utilized BRITCO 'Modular Core Construction'® – the combination of concurrently scheduled site building and off-site pre-built modular units to reduce total construction time up to 50%.

Traditional Construction timeline



'Modular Core Construction'® system timeline



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