

Project Bulletin

File #00052
09/00 Surrey BC

Queen Elizabeth High School

The Need: A 10,500 sq. ft. relocatable 'annex' classroom complex

The Mission: To design and build a high quality school to meet the growing and flexible needs of the Surrey School District.

The Solution: BRITCO designed and built using the BRITCO 'Modular Core Construction'® system which reduced construction time by over 50% and kept within the financial guidelines of the Ministry of Education/Finance.



"Although I was skeptical at first . . . the final design, quality of workmanship and delivery was exceptional".

Wayne Noye
Assistant Secretary Treasurer SD #36

THE BRITCO 'MODULAR CORE CONSTRUCTION'® SYSTEM

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Contract Award 4/1/00	Notice to Proceed 4/1/00	Submission of Drawings 5/13/00	Approval Issued 6/24/00	Permits issued 6/24/00	Site Preparation 6/25/00	Delivery & Installation 7/29/00	Customer Acceptance 9/15/00

From start to finish: 75 working days from approval of drawings.

Project Details

Owner/Project: School District #36 – 10,500 sq.ft. classroom complex

Date of Install: September 2000

Time to Construct: 75 working days

Goal: To prepare the site, design, build, transport, crane and install into place.

Project Details: This classroom complex consists of 18 factory pre-built modules. The facility includes separate male/female/handicap washrooms, 8 classrooms, a special education room and storage room.

Interior: Details include open web steel trusses in the classrooms, built-in millwork, sinks, individual furnaces and controls in each classroom and energy efficient lighting.

Exterior: Details include: 22 gauge galvanized corrugated metal (steel) siding, metal fascia with large steel “C” channel and metal overhangs.

Special features: The classroom complex was designed with a “high tech” look. This was accomplished with the extensive use of steel throughout and the bright exterior colours.

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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