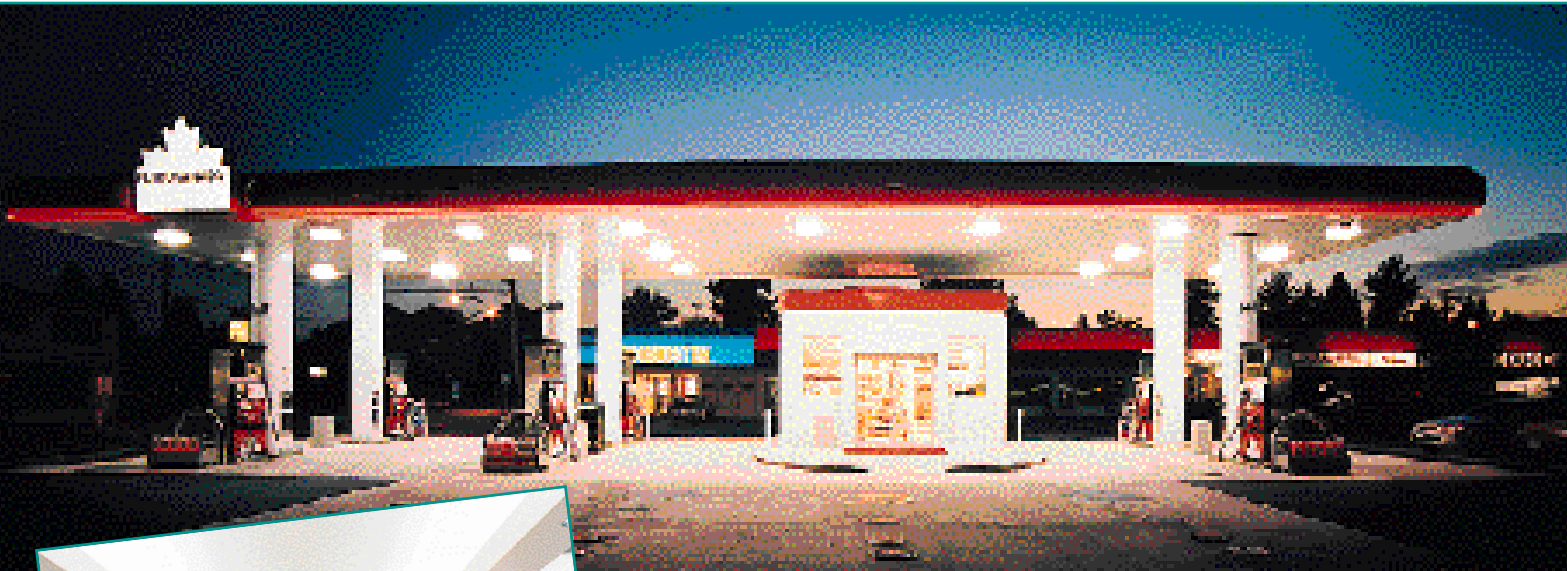


Project Bulletin

File #98005
3/98 Port Coquitlam
& Victoria, BC

Petro Canada

- The Need:** Two 630 sq. ft. Gas Bar Convenience Stores
- The Mission:** Design and off-site build two gas bar buildings for two rebuild gas sites. The buildings must conform exactly to Petro Canada's Merchandising's design and layout and be ready for reopening within 4 weeks of building permit.
- The Solution:** BRITCO designed and built using the BRITCO "Modular Core Construction"™ system. Reducing construction time by over 50 percent.



"I very much enjoyed dealing with people who are familiar with the B.C Building code and local bylaws. Britco took the time to speak with local authorities and us to avoid code problems and deliver a high quality building quickly".

THE BRITCO "MODULAR CORE CONSTRUCTION"™ SYSTEM

1	2	3	4	5	6	7	8
Contract Award 3/4/98	Notice to Proceed 3/5/98	Submission of Drawings 3/13/98	Approval Issued 3/25/98	Permits issued 5/7/98	Site Preparation 5/19/98	Delivery & Installation 5/28/98	Customer Acceptance 6/9/98

From start to finish: 23 working days from receipt of building permit.

Project Details

“Big, Bold, Bright and Beautiful”, the gas bar ‘C-Store’ consists of 3 factory built modules that when site assembled provided a 18' x 30' floor plan. The building includes retail ‘C-Store’, storage, electrical and mechanical, handicapped washroom and attendant office areas.

Woodframe roof and wall construction was ‘married’ to a proprietary design structural steel and concrete floor system.

The interior finishes include taped, filled and painted drywall, T-Bar ceiling, ceramic floor and wall tile custom millwork all factory finished.

Exterior finishes are ‘Alucabond’ siding, E.P.D.M roof membrane and large tempered frameless glazing.

BRITCO co-ordinated the transportation of the 3 modules, crane set and final site finishing with the client who had prepared and finished the concrete crawl space foundation.

BRITCO was able to meet a tight schedule from award to full permit and shop drawings to factory build by fast tracking the build before the building permit was issued. BRITCO assumed this responsibility, and through dedication to detail and working with the code authorities and the client, delivered the finished product within 4 weeks. The buildings complied with all code requirements at both the Port Coquitlam and Victoria sites. The clients goal was to shut down the existing sites for no more than 4 weeks during the rebuild and this was accomplished by utilizing the BRITCO building system.

The BRITCO building design incorporated a number of innovations that sets a new standard in factory built ‘C-stores’:

1. Interior ceiling height of 10' - 5"
2. Structural steel and concrete composite floor structure 6" thick with a 100 p.s.f. rating
3. Large expanse 25mm ‘clear view’ tempered glazing for high visibility in and out
4. Vaulted ceilings
5. Grade level entry

Traditional Construction timeline



‘Factory-Built Building System’ timeline



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