



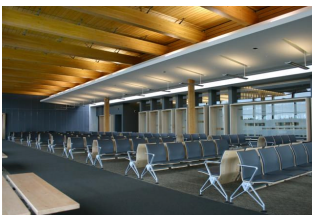
Prince George Airport | Expansion and Renovation | Phase 1 | Prince George, BC

McFarlane Green Architecture & Design

The project involves the expansion of the existing airport terminal with a new departure lounge, security screening area, baggage makeup room and offices and the partial renovation of the check-in hall area. Our work included a master plan for the existing terminal and a concept plan for subsequent phases of development including an imminent renovation of the existing arrivals area and the addition of a new international arrivals facility. The overall master plan included a public art program and a new graphics program for the terminal

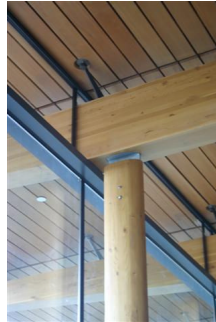
The design modernizes the 1970's terminal and establishes a fresh approach to the interior and exterior architecture. The new structure is heavy timber, concrete and steel. The structural systems are exposed and form the basis of the building's material palette. The design focused extensively on the extensive on the structural and envelope detailing. Exterior cladding includes an innovative structurally glazed curtain wall supported on custom-designed castings. The point-fixed glazing system was developed in Austria and the installation is the first in North America. The steel castings were used to support the roof by floating the ceiling above the beams, creating a concealed compartment for services. The castings also were used for departure lounge benches and illustrate the integration of architectural details from structure to furniture. The back of the house baggage "makeup" area is enclosed with translucent polycarbonate planks set in extruded aluminum frames. The polycarbonate screens the work area while providing a luminous box from the exterior as passengers descend to the apron from their aircraft. Charcoal fiber cement and clear fir soffits complete the exterior palette and continue into the interior where a blend of natural materials acknowledge the context of northern BC and the resource-based economy of the Prince George Region.

Total building area:	35,000 sq ft
Including: New area:	8,700 sq ft
Reno area:	7.900 sq ft



Wood materials used:

- Glulam columns (CNC machined)
- Glulam beams
- Clear Douglas fir soffits cladding
- Maple plywood millwork



Project team:

Architect:

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