BRITISH COLUMBIA LOCAL GOVERNMENT CHAMPIONED PROJECTS

POOLS



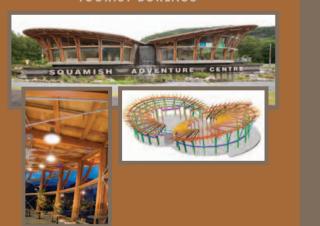
West Vancouver Aquatic Centre

PEDESTRIAN OVERPASSES



Kingsway Pedestrian Bridge

TOURIST BUREAUS



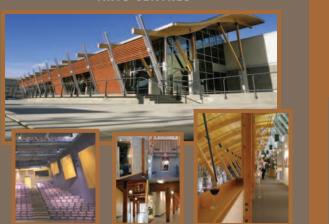
he Squamish Adventure Centre

TRANSIT STATIONS



Brentwood Sky Train Station

ARTS CENTRES



Rotary Centre for the Arts

ADENIAC



Nor Val Centre (Armstrong-Spallumcheen Arena)

LOCAL GOVERNMENT HALLS AND OFFICES



Smithers Municipal Hall

FIRE HOUSES



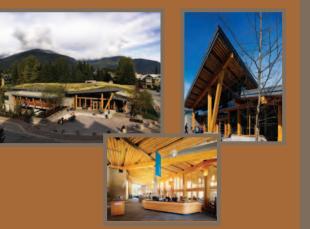
Oyster River Fire Hall

COMMUNITY CENTRES



Squamish Lil'wat Cultural Centre

LIBRARIES



Whistler Public Library

RECREATION CENTRES AND GYMNASIUMS



Glen Eagles Community Centre

POLICE STATIONS



Ladysmith RCMP Detachment

OFFICE AND ADMINISTRATION BUILDINGS



Tseshaht First Nation Health Centre and Multiplex

AIRPORTS



Prince George Airport

COMMUNITY HOUSING



Gateway Lodge Residential Care Facility

HEALTH CARE CENTRES



Tla'Amin Community Health & Multi-purpose Centre

BRITISH COLUMBIA LOCAL GOVERNMENT CHAMPIONED PROJECTS

Gateway Lodge Residential Care Facility Location:

Prince George

Design Team:

Neale Staniszkis Doll Adams Architects / Krahn Engineering Ltd.

Description of Project:

Wood is used on this project because of its warmth. tactile character, durability and, ultimately, its ability to create a residential environment and home-like setting for its elderly residents. The exposed wood structure in the social spaces, community hall, building entrances and garden pavilions create a strong, modern and materially expressive architectural aesthetic that reflects the uniqueness of northern BC, the local forest economy and natural environment.

Tla'Amin Community Health and Multi-purpose Centre

Location: Powell River

Design Team:

McFarland Marceau Architects Ltd.

Description of Project:

The physical expression of the building draws upon the traditional Tla'Amin cedar shed in its form, and incorporates an abundance of Band-supplied red and yellow cedar in its heavy timber structure and siding. Contemporary and traditional detailing creates a balance of performance and local artistry. The result is a civic building, with flexibility of use that speaks to the pride of the Sliammon nation in their past and optimism towards their future.

Tseshaht First Nation Health Centre and Multiplex Location:

Port Alberni

Design Team:

Lubor Trubka Associates Architects / CWMM Consulting Engineers Ltd.

Description of Project:

The structure is a combination of open-framed post-andbeam infill with glazing and strategically placed sheer walls in limited amounts, utilizing a multitude of engineered wood products and a variety of natural lumber products harvested and milled by Tseshaht from their own forest reserves. This near-to-millwork design concept, which exposes every element of the structure as an architectural feature and vocabulary. required precision pre-manufacturing of each element, which was done on site before its assembly and erection and carried out very successfully by predominantly Band labour.

Prince George Airport

Location:

Prince George

Design Team:

McFarlane Green Architecture & Design Inc. / Equilibrium Consulting Inc.

Description of Project:

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 focuses extensively on the structural and envelope detailing. Exterior cladding includes an innovative structurally glazed curtain wall supported on customdesigned castings.

Glen Eagles Community Centre

Location:

West Vancouver Design Team:

Patkau Architects Inc. / Fast & Epp

The roof system of curved glulam beams undulate from the back of the building which is on the upper slope, over the second storey workout space up and over the gym floor landing on glulam columns and shooting out over to form a large overhang on the lower side. This is an excellent example of shape and form that comes with using the right material for the right purpose; wood for the flowing roof, concrete for the retaining walls and steel for the connections.

Ladysmith RCMP Detachment

Location: Ladvsmith

Herold Engineering Ltd.

In response to the context of a small rural community, wood was chosen as the primary construction material for this building. A glue-laminated post-and-beam system provides the main structure for the building, augmented by a dimension lumber, wood stud-and-joist secondary structure. The exterior finish is Western red cedar applied in a rain-screen system. The honest expression of a glue-laminated post-and-beam structure and the exposed roof joists and plywood decking are significant compositional elements for the interior of this building.

Squamish Lil'wat Cultural Centre

Location: Whistler

Design Team:

Alfred Waugh Architects /

Equilibrium Consulting Inc.

Description of Project:

Description of Project:

Wood helps to carry on the memory of the First Peoples traditional connection to the land and supports a locally renewable and energy efficient natural resource. The vision for this project was a contemporary interpretation of the traditional longhouse and pit house forms used by the Squamish and Lil'wat people since ancient times. The building is three storeys in height and curved in plan, and has the main entrance with its intricately carved cedar doors on the east side, leading directly into the 'Great Hall'.

Whistler Public Library

Design Team:

KMBR Architects Planners Inc. /

Description of Project:

Location:

Whistler

Design Team:

Hughes Condon Marler Architects /

Fast & Epp

Description of Project:

The system developed on the Whistler Public Library provides a framework for promoting the use of wood in general, and hemlock, specifically, in larger scale projects. The 15,000 sq. ft. library provided a convincing test case due to the high roof loads and distance from the fabrication centre in Vancouver. Embraced by the local community, the project was a showcase of Canadian innovation during the 2010 Olympic Games in Whistler and Vancouver, thus raising the visibility and viability for wood construction within the province and beyond.

Description of Project:

Smithers Municipal Hall

Location:

Smithers

Design Team:

Dan Condon Architect

& Ross Steward Architects Inc.

Due to the current pine beetle epidemic in the north and the growing use of denim pine in wood construction, the town "captured the moment" by utilizing the denim pine in the project, both in the large timber construction in the main entry and in the wood ceiling in council chambers. All the denim pine wood was donated to the project by the local sawmill. The wall framing consists of wood studs and the roof system features all wood trusses. All millwork in the council chambers and kitchen areas is made of solid wood fabricated in a local shop.

Oyster River Fire Hall

Location:

Comox

Design Team:

Johnston Davidson Architecture and Planning Inc. /

Herold Engineering Ltd.

Description of Project:

The fire hall features exposed glue-laminated roof beams and purlins over both the apparatus bays and support areas. The roof features substantial cantilevers at the eaves with beams and roof sheathing exposed on the soffits. The visual warmth of the wood contrasts with the other exterior materials, such as the brightly coloured metal cladding. The bright colours and strong form announce the fire hall to the street while maintaining a relationship with the regional character.

Rotary Centre for the Arts Location:

Kelowna

Design Team:

Hotson Bakker Architects & Renaissance Architecture Planning Inc. / C.Y.Loh Associates Ltd.

Description of Project:

The \$6.7 million, 44,000 sq. ft. facility, designed in association with Renaissance Architecture, caters to both the visual and performance arts. A 330-seat theatre and public veranda surround the existing Growers Building. The facility houses an art gallery, a pottery studio, various visual arts studios, dance studios, a music room and set shop. Open space around the centre accommodates outdoor performance and an outdoor works yard.

Nor Val Centre (Armstrong-Spallumcheen Arena)

Location:

Armstrona

Design Team:

C. E. I. Architecture Planning Interiors

& GEC Architecture / Fast & Epp

Description of Project:

The construction of the Armstrong / Spallumcheen Multi-use

Complex showcases locally manufactured wood products. The

main roof support above the ice / playing surface is provided

by glue-laminated beams. Intermediate support of the long

beams is provided by two steel legs supported by structural

cable. One end of the trusses is supported by steel frames that

cantilever over the seating area. The supports also raise the

level of the underside of the roof to increase the clearance

height desirable for lacrosse.

The Squamish Adventure Centre Location:

Sauamish

Design Team:

Iredale Group

Architecture

Brentwood Sky Train Station

Location:

Burnaby

Design Team:

Busby Perkins + Will /

Fast & Epp

Description of Project:

The Brentwood Station is the flagship location in the new

ALRT line adjacent to Brentwood Town Centre, and a major

transfer point to an existing bus loop at Brentwood Mall.

Structural components of this station are a combination of

wood and steel. They have been custom designed to provide

the elegant curved shape, yet be efficient and cost effective

to build.

Description of Project:

The Squamish Adventure Centre is a striking example of the developing skill of British Columbia's timber frame industry. It shows how a remarkable 21st-century architectural concept can be executed in wood quickly, economically and with a high level of precision and finish by BC designers and

Description of Project:

The architectural possibilities of the glulam structural systems allowed the freedom to sculpt both the volume and structure of the new natatorium in a manner that would not have been possible in steel. The simplicity and warmth of the material contribute greatly to the ambiance of the space, and the properties of the wood systems provide a durable response to the challenges posed by the corrosive nature of the indoor air environment of aquatic centres. The glued laminated glazing wall framing provides a dramatic, unique and memorable impression of the building for both facility users and the broader public that pass by.

West Vancouver Aquatic Centre

Location:

West Vancouver

Design Team:

Hughes Condon Marler Architects /

Fast & Epp

Kingsway Pedestrian Bridge

Location: Burnaby

Design Team:

Busby Perkins + Will / Fast & Epp

Description of Project:

The 43 m x 3 m Kingsway Pedestrian Bridge is a landmark structure connecting Metrotown with the growing commercial and residential areas to the north of Kingsway in Burnaby. Structural components of this bridge are a combination of wood and steel material. The striking double-curved glulam wood form hovers above the footbridge that crosses Kingsway at McMurray Avenue, blending an elegant design solution with an inviting

passage across a busy intersection.