

POLSON PARK PAVILLION

LOCATION

Vernon, British Columbia

COMPLETION

2011

ARCHITECT

Bruce Carscadden Architect Inc.

STRUCTURAL ENGINEER

CWMM Consulting Engineers Ltd.

GENERAL CONTRACTOR

Sawchuck Developments Co. Ltd.

PROJECT OWNER

City of Vernon

PROJECT OVERVIEW

Polson Park is an important destination park in Vernon, featuring a host of amenities and activities. The Polson Park Pavilion is one critical facet of the commitment of the City of Vernon to upgrade and enhance the park. The pavilion provides much-needed washrooms, concession, and storage space, as well as creating an outdoor but covered stage area for community gatherings and events.

The pavilion's rich wood and bright colours reflect well its setting of lush vegetation and inject a sense of delight and warmth, particularly in winter months. Scale was also a key consideration in the design to ensure that the building does not overwhelm the park space.

A prominent feature of the pavilion is the curving roofline over the stage area, with its exposed glulam supporting

beams. Significantly, all elevations of the Polson Park Pavilion have been treated as equally important. There is no true "back side" to this building; it is accessible from all sides and as such, all angles were treated with similar respect.

In contrast to traditional facilities of this kind, with the employment of CPTED (Crime Prevention Through Environmental Design) principles, the Polson Park Pavilion features materials that discourage graffiti and vandalism and promotes ingress and flow-through of natural light and air.

Through an innovative use of materials, expressive colours and eye for modern aesthetics, the Polson Park Pavilion is a legacy project, one that is sensitive to site, context and environment, and that addresses the needs of the community with a fun, durable, and attractive solution.

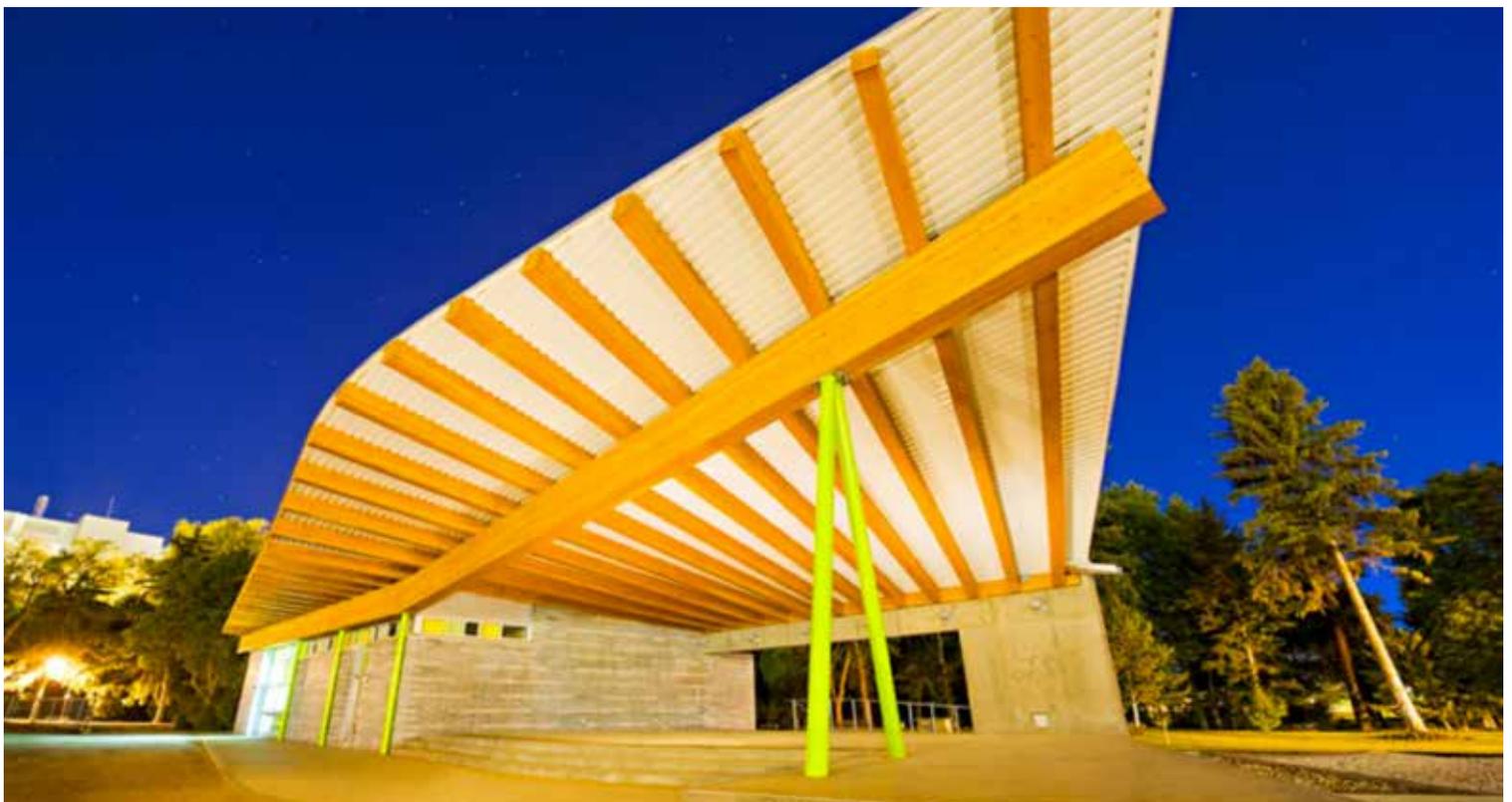


Photo courtesy of Michael Hinteringer Photography

“This facility is a tangible display of the City of Vernon’s continuing commitment to providing high quality recreation opportunities and enhancing the user experience in Polson Park by providing a fun, safe and healthy environment.”

Bruce Carscadden, Architect, Bruce Carscadden Architect Inc.

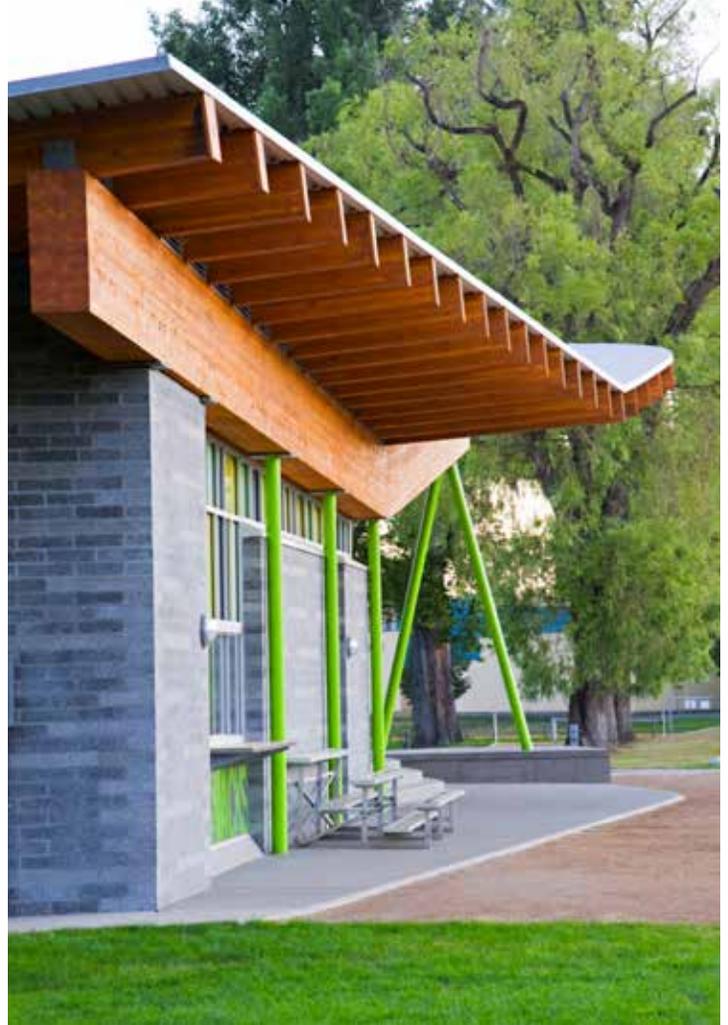
WOOD USE

Durability is a key concern in structures of this type, and wood met the client’s requirements in this regard. It features prominently in the material palette for the building, along with concrete, steel and glass.

The roof structure is comprised of 38-mm deep steel roof decking supported by 254mm x 343mm glulam joists at variable spacing. For the southern overhang and the exposed roof to the north over the outdoor stage, the roof joists are splayed out and span up to 9 metres.

These are in turn supported by a combination of glulam beams, reinforced concrete beams and reinforced concrete masonry walls.

Over the outdoor courtyard, the roof joists are supported by a reinforced concrete beam to the west and a sloped 368mm x 876mm glulam beam to the east. The splayed glulam joists cantilever varying amounts over the glulam beam giving the impression that the roof undulates.



Photos courtesy of Michael Hinteringer Photography

FOR MORE INFORMATION

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