



Laval University
Physical Education and Sports Pavilion (PEPS)
Quebec City, QC



A division of Canam Group

Laval University

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Quebec City, QC

People

- Architectural Firm: Gerpatec, Gamache-Martin Architectes
- Engineering Firm: Structal-Heavy Steel Construction
- Construction Manager: Structal-Heavy Steel Construction

Products and Services

The contract awarded to Structal-Heavy Steel Construction was for a 2,105-seat grandstand. The turnkey design-build project included design, piling, foundations, structure, watertight aluminum risers, individual seats, access stairs and railings.



Highlights

In 2009, for the first time in its history, the Vanier Cup championship of Canadian Interuniversity Sport football took place in Quebec. To prepare for this event, the Laval University Physical Education and Sports Pavilion decided to grow its seating capacity by 2,105 seats.

Watertight construction and architectural flexibility

The watertight construction of this extruded aluminum concept allowed for the installation of food concessions directly beneath the risers. The new grandstand also extends over the two top rows of the existing risers, which protects spectators from inclement weather.

Lightweight and rapid onsite installation

Given the lightness of this product, significant savings were made both in terms of the structure itself as well as in transporting it to the erection site. Contrary to traditional concrete grandstands that can only be transported one section at a time, five riser sections can be delivered at once.

Extruded aluminum risers offer both the advantage of a rapid, onsite installation while also reducing the carbon footprint produced as a result of deliveries.

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