

ARCHITECTURAL HARDSCAPE

LOCK 8 SKATE & BMX PARK



PROJECT CREDITS

OWNER

The City of Port Colborne

ARCHITECT OF RECORD

LANDinc

ENGINEER OF RECORD

Blackwell Structural Engineers

GENERAL CONTRACTOR

Patterned Concrete Ontario Inc.

CONCRETE FINISHING CONTRACTOR

Tri-Con Concrete Finishing Co. Ltd.

MATERIAL SUPPLIER

Dufferin Concrete, A division of Holcim (Canada) Inc.

ADDITIONAL PARTICIPANTS

- AMEC Environment & Infrastructure
- Concreation Canada
- Euclid Canada
- LIUNA Local 837
- Spectrum Skatepark Creations Ltd.
- V. Gibbons Contracting Ltd.

PROJECT FACTS

LOCATION Port Colborne, Ontario

COMPLETION December 2012

PROJECT SUMMARY

- Construction of skate park entirely out of concrete
- Approximately 1,100 m² concrete surface; 600 m² of flat reinforced concrete paving and 340 m² of ramps and transitions use Shotcrete
- Custom coloured concrete to match Algoma Corporation colours





Port Colborne Skate Park boasts very unique features

Port Colborne features one of the most unique, colourful and well designed skate parks in Ontario. Located beside Lock 8 Canal, Port Colborne, this waterway houses draw bridges and traffic along the Welland Canal.

The ship design brings an old world feel with a strong visual interest on the banks of Lake Erie. Utilizing the natural surroundings and marine influence, the designer incorporated design elements to represent the large ships that the canal hosts on a daily basis.

The Algoma ship sank off the coast of Japan in 2009, which was the influence on the skate park design. In considering this, Algoma stepped forward and donated funds for this one of a kind park, which was well over \$900,000.

Ready for the challenge, it was Patterned Concrete's knowledge and architectural ability to colour concrete that simulated the Algoma colours at the prow of the boat and throughout this sophisticated project.

This type of cast-in-place construction offers high versatility for design, colour and longevity. By using Shotcrete concrete in constructing the banks & transitions of this skate park, its longevity for skateboard enthusiasts will be enjoyed for years to come. Stainless steel components, consisting of rails, copings and railings accompany the intricacy and will contribute to a lifetime of use.



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Prow & Compass

The prow and compass only

enhances the replicated Algoma ship, while adding challenge and visual appeal for skaters and spectators alike.

Wave track

This feature is entirely constructed as a structural component throughout its four waves.

Overt and wrap around ramps

The skate park features 3.3 m deep over-overt ledge nestled amongst a landing pad to replicate the stern of the boat, and an elevated quarter pipe feature atop an adjacent 2 metre high ramp.

LANDinc leading the consulting team provided the concept and detailed design, and Patterned Concrete Ontario Inc. was not only the General Contractor but the cast-in-place specialist responsible for this project. In all, 1,100 m² of surface area was constructed.

The 600 m² flat areas claim a custom made red colour which is contrasted by the custom green ramps and adjacent flat paving. Tolerance to flat plane was no greater than 3 mm in 3 metres with no visible variances.

As the constructor, Patterned Concrete Ontario Inc. was responsible in turning into reality this vision created by LANDinc & Spectrum.

As the youth of Port Colborne navigate the fun features of this skate park, they also enjoy a high drop-in ramp, 2 textured "gang plank" entry paths, "lifeboat" jump, 132m of railings, concave gaps and even lily pad like features. Not limited to experienced skateboarders, the pull of various banks, ramps, also appeal to BMX riders.

Structurally complex but fitting with the landscape with its flush design, this skate park brings distinctive elements that can weather our harsh climate.

