

ARCHITECTURAL HARDSCAPE

NATIONAL HOLOCAUST MONUMENT



PROJECT CREDITS

OWNER

National Capital Commission

ARCHITECT OF RECORD

Studio Libeskind

ENGINEER OF RECORD

Read Jones Christoffersen Ltd.

GENERAL CONTRACTOR

UCC Group Inc.

MATERIAL SUPPLIER

Hanson Ready Mix

ADDITIONAL PARTICIPANTS

- Aluma Systems Inc.
- Carpenters Union Local 93
- Claude Cormier + Associes
- Harris Rebar
- Ironworkers Local 765
- JWK Utilities & Site Services Ltd.
- LIUNA Local 527
- Sika Canada
- WSP Canada Inc.

PROJECT FACTS

LOCATION Ottawa, Ontario

COMPLETION September 2017

QUICK PROJECT FACTS

- 1 Acre
- 290 Tonnes of Rebar
- 3,112.5 m³ of Concrete

PROJECT SUMMARY

The National Holocaust Monument is a national symbol that honours and commemorates the victims and survivors of the Holocaust. The monument stands on a one-acre site in downtown Ottawa, symbolically across from the Canadian War Museum.





Configured to create the points of a star, a symbol of Jewish identity

The National Holocaust Monument is a national symbol that honours and commemorates the victims and survivors of the Holocaust. The monument stands on a one-acre site in downtown Ottawa, symbolically across from the Canadian War Museum.

The monument is comprised of six triangular, concrete volumes configured to create the points of a star, a symbol of Jewish identity.

The project incorporated 90,000 square feet of custom engineered form work for walls with complex geometries and heights varying from 3 meters to 20 meters high.

Over 290 tonnes of custom detailed steel of varying sizes was used.

Over 3,000 m³ of concrete was used, of which over 1,000 m³ was Self-Consolidating Concrete. The extensive use of Self-Consolidating Concrete was chosen because of its high performance, durability and because it required minimal use of mechanical vibration. The flexibility of the

Self-Consolidating Concrete allowed for an even, smooth flow and allowed the concrete to reach the most difficult parts of the forms, leaving a superior exposed architectural finish, maintaining consistent concrete features that produced continuity from one element to the next.

Hand painted monochromatic photographic landscapes of Holocaust sites are embedded in concrete walls of each of the triangular spaces.

A significant portion of the project was constructed during the winter months, which required temporary heated enclosures and constant monitoring of temperatures and curing conditions.

Hard & soft landscaping, removal of contaminated soil, site servicing, electrical, mechanical, landscape lighting, custom metal work and commemorative interactive signage elements rounded out this iconic project.

