

PROJECT PROFILE



Roofing



Building Envelope



Structural



Pavement



WA Porter Collegiate Institute

Scope

An innovative repair solution for damaged glulam arches spanning 100 feet over a swimming pool. Heavy galvanized steel shoes were used to replace the deteriorated wood bearing ends and provided a contemporary feel to this 50-year-old structure. The structural work also included customized shoring towers and tensioned cable stays to support the large roof area while arch supports were cut off and the steel shoes were installed. The work was carried out in a phased manner on alternate arches and alternating sides of the pool enclosure. This was a unique solution to a unique problem and was completed in a successful and cost appropriate manner.

Services Provided

- » Property Condition Assessment
- » Design & Specifications
- » Property Rehabilitation & Remediation
- » Project Management
- » Quality Observations



Structure Type:	Education
Location:	Toronto, ON
Project Completion:	August 2011
Construction Cost:	\$270,000



About US

IRC Building Sciences Group (IRC) is one of Canada's largest Engineering and Consulting firms specializing in the assessment, design, remediation, and quality observation of Roofing, Building Envelope, Structural, and Pavement systems. Our success has been built on the research, education, and talent of our highly trained staff who have built our reputation for delivering on our promise to serve our customers and exceed their expectations. **Performance**, **Innovation**, and **Reliability** are at the heart of everything we do.

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