

# IWK Health Center Parking Garage

Halifax, Nova Scotia

*Focus on  
Precast Concrete Solutions*



**Design Flexibility, Security, Cost Effective** using all precast prestressed concrete structure and cladding was the best solution for the construction of this new parking garage. The architect chose to use white sandblasted precast concrete spandrel panels which continue horizontally around the building at each parking level.

This garage has a capacity of 556 cars increasing the amount of parking for the existing hospital and new office building.

This parking facility was designed to be an integral part of this hospital complex. Stair, elevator and pedestrian bridges located in the new office area connect the garage to the hospital.

The parking facility is separated from the offices and atrium with full height load bearing firewall. The floors slabs of the parking facility are pre-topped prestressed double tees with a high



performance concrete for a better wear surface and lower maintenance costs.

The fire resistance of the structure with fewer obstructions and open visibility in both stairwells and parking area gives the patrons maximum security.

The parking facility offers hassle free, easy accessibility directly from the street to parking when using the **IWK Health Center**.

Project: **IWK Health Center - Halifax, Nova Scotia**  
Architects: **Duffus Romans Kundzins Rounsefell Ltd. - Halifax, Nova Scotia**  
Engineer: **BMR Structural Engineering - Halifax, Nova Scotia**  
General Contractor: **Walter Construction - Halifax, Nova Scotia**  
Precast Fabricator: **Strescon Limited - Bedford, Nova Scotia**



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