

## LIGHTHOUSE SUPPORTED LIVING ADDITION & RENOVATION

Owner: **Saskatchewan Housing Corporation**

Contact: Bob Trafananko

Location: Saskatoon, Saskatchewan

Description: Lighthouse Supported Living is an eight storey building added to the existing Capri Hotel. The existing amenity areas of the Capri Hotel were renovated into personal services. The eight storey building contains apartment suites. The footprint of the building staggers to allow for windows along the property line and to reduce snow drifting onto neighbouring properties.

Completion: 2012 - under construction

Value: \$13,000,000

Structural System: The structural system consists of reinforced cast-in-place concrete slabs spanning between concrete beams and columns. Both in-slab heating lines and electrical conduit were cast in the slabs to minimize surface mounted conduit. Lateral stability of the building was developed through the use of reinforced concrete elevator and stairwell cores. The Mechanical Room penthouse is constructed of structural steel.

Relevance: Multi-storey residential housing facility.



Structural Design: **BROWNLEE BEATON KREKE**  
Engineer: Garry Kreke/Kurt Kinaschuk