



## GREEN PHOENIX, TORONTO, ONTARIO



### Firm's Role

Sustainable Design Consulting & Engineering Project Management

### Description

The Green Phoenix Project is an initiative by the Parkdale United Church Foundation to do renovations and additions to a 52,000 square foot high rise and a second, 4300 square foot building. The larger building, Phoenix Place, houses the Parkdale United Church on the first floor, and has 10 storeys of affordable housing above. The smaller building, Shalom House, currently houses various community organizations. The building is being retrofitted in response to concerns from the client about the availability of affordable, environmentally responsible housing in Toronto.

### Features

- Green roof with garden patio
- High efficiency glazing and insulation for new and existing buildings.
- Ground source heat pump for space heating and cooling and domestic hot water
- Existing south wall clad by solar thermal collectors
- Rainwater collection and reuse
- Radiant heating and cooling delivery
- Desiccant based enthalpy recovery ventilation

**Architect:** Hilditch Architect

**Owner:** Parkdale United Church Foundation