



Projet: 378 Richelieu
Ottawa, ON



Ottawa Community Housing (OCH) provides approximately 15,000 homes to over 32,000 tenants, including seniors, parents, children, couples, singles and persons with special needs, within many communities across the City of Ottawa. OCH houses a diverse population of varying languages, ethnicity and cultures.

The existing, aging building located at 378 Richelieu in Ottawa, will be entirely renovated and re-divided, in order to offer 15 units in affordable housing perspective, for Bi-Generation clientele.

OCH has entrusted Geo-Energie to redesign all electromechanical systems that includes integrating high efficiency heating systems and sustainable concepts, providing valuable comfort to tenants.

Geo-Energie's mandate included:

- Thermal & Electrical load calculation
- Design of the plumbing, indoor sanitary sewer, and domestic water systems
- Air systems
- LED apartment lighting
- Preparation and presentation of the plans and specifications including the design of the HVAC & Electric system
- HVAC + Electric distribution strategy development
- Heating control sequence



Geo-Energie inc.
Ingénierie, design