

Quarry Park Recreation Center, Calgary, AB



Quarry Park Recreation Facility is one of the newest addition to the City of Calgary's recreation facilities to be built to LEED Gold standard. The building provides the community with an aquatic center, a gymnasium, and a fitness center. Also the Glenmore Square branch of the Calgary Public Library will be relocated into the Quarry Park Recreation Facility.

With approximately 94,000 square feet, the facility features a combination of recreational and community amenities, including:

- 25 meter, 6-lane pool, small leisure pool, hot tubs, and a steam room
- Gymnasium with multi-purpose flooring
- Fitness centre
- Running/walking track
- Multi-purpose rooms for cultural, art, learning and business activities
- Full service Calgary Public Library (relocation of the Glenmore Square Library)
- Childcare and child-minding
- Food services

The sustainable design features high performance envelope, high efficiency condensing boilers, High efficiency air cooled chillers with variable speed distribution pumps, displacement ventilation strategy, demand controlled ventilation, air side heat recovery, and variable air volume systems among others.

Project Highlights

- Location: Calgary, AB, Canada
- Architects: GEC Architecture
- Year Built: 2015
- Total size: 94,000 sq. ft. / 8,730 sq. m.
- Certification: LEED Gold anticipated
- Operated by YMCA Calgary



Contact Us

To learn more about our services and how we can help you integrate energy efficiency, please contact us at:

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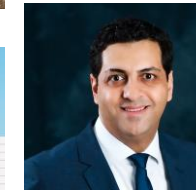
Responsibilities*

We worked with the design team and the client from concept stage to establish the sustainability goals and energy efficiency targets.

Provided full energy modeling using IES –VE and compared difference design alternatives to the ASHRAE 90.1 baseline.

We recommended energy conservation measures to achieve the LEED Gold energy performance target. Energy savings in line with the LEED® Canada-NC requirements were documented.

About us



Hayssam is a P.Eng licensed in Nova Scotia and Ontario. He holds a PhD in Building Energy Conservation with 17 years experience in the building services industry. His experience includes a wide range of skills including research and energy modelling as well as the selection and design of mechanical systems for buildings.

Hayssam identifies energy savings opportunities by assessing such factors as building envelope, site conditions lighting design, and HVAC systems.

* Experience prior to ESBES