



Tyler Gayford

P.L.(ENG.)



Principal, Senior Mechanical Design

Tyler Gayford is a principal and Senior Mechanical Professional Licensed (Engineering) of Concept Engineering. Tyler obtained his diploma in Air Conditioning Engineering Technology at NAIT, graduating in 1999. Through his extensive work experiences and self-motivation, Tyler has achieved his P.L.(Eng) and is a professional member of APEGA and other Engineering associations across Canada. Tyler has provided mechanical design services on a number of commercial, retail, institutional, recreational, senior, and residential facilities.

Education

- NAIT, Diploma in Air Conditioning Engineering Technology

Continuing Education

- Carrier Block Load Training
- National Professional Practice Exam
- AutoCAD support and Training

Professional Affiliations

- The Association of Professional Engineers and Geoscientists of Alberta (APEGA)
- Professional Engineers and Geoscientists of British Columbia (PEGBC)
- American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)

Previous Employment

- Hemisphere Engineering (2000-2012)
- Cimco Refrigeration (1999-2000)

Contact Info

tyler.gayford@concepteng.ca

780-410-9210 ext 103

www.concepteng.ca

RELATED PROJECT EXPERIENCE

Commercial/Retail

Ardmore Fire Hall/ Maintenance Shop, Ardmore, Alberta

Completed in 2021, Ardmore consists of a 2 bay fire hall, administration office, meeting room, laundry, air filling station, and a 3 bay county storage garage for Hamlet of Ardmore.

Fort Kent Fire Hall, Fort Kent, Alberta

Completed in 2021, Fort Kent Fire Hall consists of a 2 bay fire hall, administration office, meeting room, laundry, air filling station for the Hamlet of Fort Kent, Alberta.

Teslin Fire Hall, Teslin, Yukon

Currently under construction, the Teslin fire hall consists of a 2 bay fire hall to store the villages fire trucks and EMS vehicles. The facility is equipped with an administration office, shared training room for both fire, and EMS training.

Craft Beer Market, Edmonton, Alberta

Completed in 2013, a Craft Beer Market Edmonton is a new Lounge providing over a hundred craft beers on tap. This restaurant brings a much needed roof top patio space to the Edmonton market.

Urban Outfitters, Edmonton, Alberta

Urban Outfitters, Anthropologie, and Free People are all brands under the Urban Outfitters Inc. branding. Across Canada Concept Engineering is involved in the design of these high end retail stores.

Save on Foods, Edmonton, Alberta

Save on foods located at Mayfield Common required the existing mechanical distribution be redesigned to accommodate the multi-tenant building. Renovations and additions to the gas and water distribution were achieved by using check meter c/w remote readouts allowing the owner to provide separate billing to each tenant.

Tenant Improvement, Edmonton, Alberta

Concept Engineering has completed a variety of tenant improvements from small to medium office spaces (Ledcor CN Tower office, Jacob field Services) to restaurants (Harvey's GP, Tutti Frutti Breakfast and Lunch). Big or small facilities, we have done them all.



Shell Commercial Retail Buildings, Edmonton, Alberta

Over the past 15 years I have worked on a variety of CRU buildings at sites such as Tri-Leisure Village, South Edmonton Common, Current of Windermere, Manning Town Centre, Pilot Sound, Albany Market Square, Creekside Crossing, Sosuthlands Shopping Centre, and many more

Residential/ Assisted Loving

Southwood Court North, Ardmore, Alberta

Currently in the tender stage, Southwoods Court North is a 52 unit 4 story condominium building that utilizes heat pumps to mechanically condition the suites. The building includes a large party room with kitchenette for family functions.

Tuoi Hac Manor, Alberta

Completed in 2008, Tuoi Hac Manor is a 4 story 140unit independent and assisted living facility with single and double occupancy suites. The facility is complete with a wide range of amenities including multiple lounge area, full commercial kitchen, multiple laundry rooms and a hair salon.

Multi-Unit Residential, Alberta

Concept Engineering has been involved in multiple multi-unit residential projects. Developments ranging from just 5 units up to developments with over 130 units. With clients such as Brookfield Homes and Vault Developments.

Community/Healthcare

Arctic Ice Centre, Slave Lake, Alberta

Arctic Ice Centre was an addition and modernization to the existing arena in Slave Lake, Alberta. The addition included a new Zamboni room, Fieldhouse, large lobby / viewing area, children's play area, new concession and additional dressing rooms.

Confederation Arena, Alberta

Confederation arena was an addition to the existing facility. A new ice plant room was created to house the new ice plant, the Zamboni room was updated to add a snow melt pit and the spectator area was updated with new radiant heaters.

Thorsby Recreation Complex, Thorsby, Alberta

Thorsby Recreation Complex was a modernization to the existing facility where the existing curling rink was converted to a large multi-purpose room, fitness room, yoga/dance studio, and washrooms/change rooms.

Various Dental Clinic, Fort Saskatchewan and Saddle Lake, Alberta

Concept Engineering has completed a variety of full dental interior fit up designs ranging from dental chains; Focus on Smiles, TLC Dental and stand-alone Offices for the Saddle Lake community, and the city of Fort Saskatchewan.

Shifa Health Centre, Edmonton, Alberta

Shifa Health Centre is a 3700sqft walk-in medical clinic on the south side of Edmonton. The facility contains 6 doctor's offices, and 12 exam rooms, a nurse station and a treatment room.

Education and the Arts

St. Albert Library, St. Albert, Alberta

Renovations to the main entrance and reception/book return area of the library while keeping the library open for business.

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School Projects, Alberta

In my past experience I've worked on a variety of school projects such as H.W., Pick-up in Drayton Valley, Namao School, Hay Lakes School, Onoway School, NAIT South Campus Redevelopment and Expansion and many more.

Administration Buildings and Shops

Double T Tanks, Valleyview, Alberta

Completed in 2015, Double T Tanks is a 20,000sqft oilfield shop c/w a 4,000sqft two story office located in Valleyview, AB. Facility is c/w mechanical bays, wash bays, fully under slab heat system, gas detection and much more.

Hydraulic Technical Services, Edmonton, Alberta

HTS is a 14,700sqft oilfield shop facility c/w a 8,300sqft two story office located in Edmonton, AB. The facility is complete with a mechanic's bay, pump room, welding room, paint area, and crane way. The office area utilizes radiant panels and heat/cool rooftop units and the shop is equipped with an under slab heating system and make-up air system for ventilation.

Logan, Edmonton, Alberta

Logan consists of 52,000sqft warehouse and shop facility c/w 5,000 administration office located in Edmonton. The facility is equipped with a crane way, parts painting area, washing area, forklift operation, make-up air.

Westana Industrial, Alberta

The Westana Industrial building consists of a new 2,700sqft administration office and a 7,000sqft shop area. Shop area consists of radiant tube heaters, trench drain c/w double compartments oil and grit interceptor and all owner requirements were accommodated.

Rolled Alloys, Edmonton, Alberta

Tenant fit-up of existing warehouse located in Edmonton, AB. 2325sqft of the office space and 9,000sqft of shop space. Shop designed to accommodate vehicle traffic including overhead cranes.

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