



Jeff Alberda

P.L (Eng)



Senior Electrical Designer

Jeff Alberda is a Senior Electrical Designer at Concept Engineering. Jeff obtained his diploma in Electrical Engineering Technology at the Northern Alberta Institute of Technology, graduating in 2001.

With over a two decades of experience within consulting engineering, Jeff has the knowledge and experience to start a design and bring it to a successful conclusion.

Jeff is a firm believer in continuing education; taking courses and attending seminars to further his knowledge and to stay on top of new technologies. Having utilized Revit to complete a number of large scale projects and produce company standards with Concept and previous Employers, Jeff has a thorough understanding of BIM and a firm grasp on the use of Autodesk BIM software.

Education

- Northern Alberda Institute of Technology, Electrical Engineering technology

Continuing Education

- Electrical Code and Fire Alarm Systems Design
- REVIT Support and Training.
- VESDA – Very Early Warning Aspirating Smoke Detection Design
- ETAP Power System Design and Analysis
- National Energy Code For Energy Training

Professional Affiliations

- The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Previous Employment

- Arrow Engineering (2013-2016)
- Genivar Inc (Formerly Beaubien Glover Maskell Engineering) (2007-2013)
- Hemisphere Engineering (2001-2005)

Contact Info

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RELATED PROJECT EXPERIENCE

Commercial/Retail

The Kingsway Legion, Edmonton, AB

Completed in 2013, the Kingsway Legion was a brand-new facility to replace the expropriated facility located on Kingsway Ave, Edmonton. The new facility has 2 large Banquet Halls, Administration Offices and a Large Canteen games room for Veterans.

Jagre Ridge Development, Edmonton, AB

Shops of Jagare Ridge is a comprehensively planned controlled mixed use retail and office centre. The total project (approximately 12 acres of land) is currently planned to include six retail buildings and one mixed-use building (totaling approximately 95,000ft²).

CMS Famous Toys, Edmonton, AB

Canadian Leader in the distribution and marketing of Children's Toys and General Merchandise to Grocery and Drug Stores. The new facility will have approximately 70,000ft² of warehouse space and 8,000 sf of office/admin area. High end lighting technologies were utilized through-out the facility to minimize energy consumption and maintenance requirements.

F12 Networks, Edmonton, AB

Alberta based IT company with offices in Calgary, Red Deer and now Edmonton. The Edmonton facility consists of a 20,000ft² office space with complete IT solutions center and a 3000ft² data center for complete cloud based solutions.

URBN, Canada

A portfolio consisting of Urban Outfitters, Anthropologie and Free people retail stores Across Canada.

Brew Co's, Canada

A portfolio of craft brewing companies across Canada: SYC Brewing, 70 Acre Brew Co, Churchill Brewery, Odd Brewery, Arcadia Brew Pub, NWT Brewery, Townsquare Brewing Co, Situation Brewery, YK Brewery.

Cannabis Production and Retail, Alberta and BC



New 50,000sf oil extraction facility for Radient Technologies, smaller client based grow ops and various retail stores for Tweed and Spirit Leaf.

Canada Goose Stores, Canada

Made in Canada. Working with Concept Engineering, Canada Goose have opened their first retail stores in Canada, starting with Vancouver, Toronto, and Calgary.

Southgate Audi, Edmonton, AB

A 15,000sf addition and renovation to the existing Audi Dealership including new show room space, new shop and maintenance and EV charging.

Residential and Assisted Living

Peace Hills Lodge, Wetaskiwin, AB

A 74 Unit assisted living lodge located in Wetaskiwin, Alberta. Completed in 2009 for the Bethany Group, this facility has full dining room, games room, central courtyard and a variation of suites.

Dr. Turner Lodge, Fort Saskatchewan, AB

A 90 unit seniors lodge located in Fort Saskatchewan, Alberta. This LEED silver facility was a cooperative project between Strathcona County and the City of Fort Saskatchewan. Funded in part by the Alberta Government to meet the ever growing needs of our seniors.

Silverbirch Court, Sherwood Park, AB

This 69 Unit affordable housing apartment complex is located in Sherwood Park, AB. A first for Sherwood Park, this project will provide housing for AISH and low income families for the surrounding area.

Shepherd's Garden, Edmonton, AB

This transitional multi tower high rise facility contained suites ranging from 50+ adult condo living, assisted living and full assistance/dementia care. Amenities included full kitchen and dining, multi purpose rooms, and roof top gardens.

Multi-Unit Residential, Edmonton, AB

Concept Engineering has been involved in over 20 multi-unit residential projects. Developments ranging from just 15 units to developments with over 150 units. With clients such as Brookfield Homes, Cove Properties, Reid Developments and Qualico Homes.

Crystal Okanagan, Peachland, BC

High luxury estate development consisting of 6, 6 storey residential towers overlooking Lake Okanagan.

Community and Healthcare

Bruderheim Fire Hall, Bruderheim, Alberta

A uniquely funded fire hall which saw contributions from Strathcona County and Lamont to replace the existing 50 year old volunteer fire station with a new \$2mil Fire Hall. The new fire hall included space for RCMP, training and town meeting rooms and include 3 drive thru bays.

Strathcona County Fire Halls, Canada

Strathcona County Fire Hall No 5: Received a major renovation and addition. Adding additional truck bays, dorm rooms, and fitness facility.

Strathcona County Fire Hall No 1: Has received multiple renovations and additions to meet the expanding requirements and technology upgrades.

Strathcona County Fire Hall No 2, 3, and 4: Various system upgrades.

Teslin Fire Hall, Teslin, Yukon

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3 double bay firehall with emergency communications system and emergency generation.

Fort Kent Fire Hall, Fort Kent, AB

2 bay volunteer fire hall with emergency generation.

Ardmore Fire Hall, Ardmore, AB

2 bay volunteer fire hall with emergency generation and attached community maintenance shop.

YEG Airport, Edmonton, AB

Addition of 2 drive thru bays and modernization of emergency response facility

Various Dental Clinic, Alberta

Concept Engineering has completed over 30 full dental interior fit up designs ranging from Dental chains; Focus on Smiles, TLC Dental and standalone Offices around BC, Alberta and the Territories.

Edmonton Institute For Women, Edmonton, Alberta

Housing upgrade and remediation for the EIFW facility in Edmonton.

Fort Saskatchewan Correctional Centre, Edmonton, Alberta

Temporary swing facility development for continual security system upgrades.

Spiritual/Worship, Alberta

Over the years, Concept has been part of various Spiritual/places of worship projects including the Korean Central Presbyterian Church, and Community Center, Heartland Alliance Church, Highlands Church, City Life Church, Gracelife Church, Ambleside Church, Okanagan Buddhist Cultural Center, Lotus Pavilion Buddhist Center.

Faculty St. John, Edmonton, Alberta

The faculty St. John expanded classrooms and administrative offices into the newly renovated La City Francophone Community Centre.

Neon Sign Museum, Edmonton, Alberta

A museum to celebrating Edmonton's neon past. The Neon Sign Museum is an outdoor showcase designed to display refurbished Neon signs of Edmonton's History.

University of Alberta, Edmonton, Alberta

Renovations to various areas of the campus, classrooms, and Van Villet building.

Industrial and Processing

Devon Pike Lodge, Devon, Alberta

A 2000 man LEED silver core facility for Devon Oilfield. This high-end facility has amenities for 2000 workers, ranging from a full cafeteria, fitness, gymnasium and theatre.

Radiant Technology, Edmonton, Alberta

With a 100,000sf Manufacturing Facility, Radiant is dedicated to cannabinoid extraction, and product development, expanding a 23,000sf Facility in Edmonton. Radiant serves market leaders in industries that include pharmaceutical, food, beverage, natural health, and personal care markets.

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Recreation

Cold Lake Energy Center, Cold Lake, Alberta

The addition consists of a new hockey arena, interior climbing wall, multi-purpose rooms, and general viewing/reception areas. An exterior turf field with Grandstand, changerooms, concession, and multi-purpose rooms was also added.

Peace Regional Recreation Center, Peace River, Alberta

A new facility to house a hockey arena, field house, wellness center, multi-purpose rooms, and administration offices.

Beaumont Aqua Fit Addition, Beaumont, Alberta

Addition to an existing aquatics center adding a new hockey arena and field house.

Ken Nicholl Regional Recreation Center, Beaumont, Alberta

Various renovations to the existing facility for code compliance and LED lighting retrofits.

Misc Renovations, Alberta

Various renovations to the existing Municipal facilities including full energy audits and LED lighting retrofit for all Strathcona County recreation facilities.

Northern Projects

Municipal Office Audit, Ulukhaktok, NWT

Hamlet office building audit and systems report for energy related renovations.

Public Services Building, Arviat, NU

Multi-Tenant development for municipal offices in the hamlet of Arviat including Justice, Medical, Environmental, Family Service, Economic Development and Transportation and the Nunavut Housing Corporation.

Sapatiit Administration, Iqaluit, NU

5000sf tenant fit-up for office spaces.

Social Services, Hay River, NWT

New construction of office space for the Department of Health and Social Services.

Kavanaugh Shop, Yellowknife, NWT

New construction, shop, wash bay, and office facility.

Community Center, Ft. McPherson, NWT

An addition to an existing hockey arena to accommodate dressing rooms, fitness facility and a center for community functions.

Northern Employment Benefits Services Office, Yellowknife, NWT

2 Storey, new construction office space for the Northern Employee Benefits Services group.

Hockey Arena, Cambridge Bay, NU

A new indoor hockey arena with dressing rooms, cafeteria and spectator viewing.

Various Housing Projects, Nunavut

Various new 5 and 4 plex single family units throughout Arviat and Cambridge Bay.

Deh Cho Bridge Decorative Lighting, Fort Providence, NWT

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Review of the existing lighting of the bridge and design to replace with new RGB decorative lighting and a control system to accommodate themes and be less obtrusive on the local bird migration paths.

YWCA Housing and Community Services, Yellowknife, NWT

4 Storey, new construction addition to an existing housing facility to house additional suites, office and amenity spaces

Teslin Fire Hall, Teslin, Yukon

3 double bay firehall with emergency communications system and emergency generation.

Yukon Teachers Association, Whitehorse, Yukon

A new 2 storey administrative building for the Yukon Teacher's Association.

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