



Since 1981, Harold has worked in the mechanical consulting industry predominantly with a single multi discipline firm. He began his career at Keen Engineering and became an Associate in 1986 and a Principal in 1998. Harold remained as Principal when Keen was acquired by Stantec leading a team of 28 staff as well as the discipline group responsible for quality and risk management.

Since 2007, Harold has been a Principal of AME and is responsible for the operation and management of the firm. Throughout Harold's career he has been responsible for the detailed design and construction review of numerous complex projects including commercial buildings, recreational, heritage, educational, and health care facilities.

Harold's expertise in mechanical systems design includes HVAC, plumbing, medical gas, fire suppression, building automation, and specialty mechanical systems design. Harold is a LEED Accredited Professional. He takes an active role to ensure projects meet the best of industry standards and has extensive expertise resolving complex construction challenges. Harold takes responsibility of the project from inception to completion.

PROFESSIONAL AFFILIATIONS

- High Performance Building Design Professional Certification
- American Society of Plumbing Engineers
- American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)
- LEED AP BD+C

REPRESENTATIVE EXPERIENCE

- UBC Centre for Brain Health, Vancouver, BC
- Okanagan College Centre of Excellence, Penticton, BC
- Penticton Recreation Centre, Penticton, BC
- Broadway Tech Centre BLDG 1 – Vancouver BC
- Shaw Tower – Vancouver BC
- Harbour Centre – Vancouver BC
- Axa Pacific , 999 West Hastings – Vancouver, BC
- Richmond Olympic Oval – Richmond, BC
- Victoria Conference Centre – Victoria, BC
- Mount Pleasant Community Library, Civic Centre & Residential tower - Vancouver, BC
- Vancouver General Hospital Hip Health MRO Facility – Vancouver, BC
- Vancouver MRI Clinic – Vancouver, B.C.
- UBC Faculty of Law – Vancouver, BC
- Vancouver Island University Gathering Place, Victoria BC

SUSTAINABLE EXPERIENCE

- Air stream heat recovery
- Natural Ventilated Natatoriums
- High Efficient Heating
- Ice Plant Heat scavanger
- Ground Source Heat Pump
- Grey Water Systems