



PACIFIC CENTRE REDEVELOPMENT

VANCOUVER, BC

QUICK FACTS

- + LEED® Gold
- + Base Building and Tenant
- + Expansion
- + Amenity Spaces
- + Building Automation System
- + 700,000 square feet
- + \$140-million Budget
- + Smith + Andersen Mechanical, Electrical and Communications Design

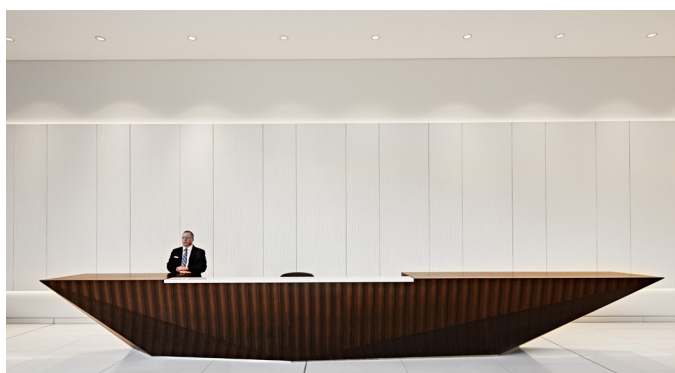


PHOTO CREDIT: Alina Cornea Architectural Photography



PACIFIC CENTRE REDEVELOPMENT

ABOUT THIS PROJECT

- + Revitalization features four floors of AAA office space and four floors of retail, including an anchor tenant (Nordstrom).
- + Includes two new courtyards, an extension of the mall, and a rooftop amenity space.
- + The update included new systems for HVAC and plumbing, bringing the 40 year old building up to current codes and standards.
- + Energy plant consists of steam-to-water heat exchangers supplied from Creative Energy's district utility energy distribution system and a heat recovery cooling plant.
- + The central energy plant takes advantage of the building's heat exchange synergies between various complementary occupancies to recover energy from mall air conditioning and office computer room systems.
- + Low temperature heating, enthalpy recovery, and free cooling demand ventilation control systems further reduce energy consumption and improve indoor air quality.
- + Two of the Centre's three existing electrical services were replaced, and one was refurbished to comply with current electrical codes.
- + Lighting design maintains an appealing aesthetic while meeting LEED Gold standards.
- + A new integrated building network supports lighting control, metering, BAS, and CCTV systems, while a Category 6 copper and fibre optic cabling infrastructure supports the integrated building network.

LOCATION
Vancouver, BC

SMITH + ANDERSEN
SERVICES PROVIDED
Mechanical, Electrical,
Telecommunications

KEY TEAM MEMBERS
Abbarch Architecture
Cadillac Fairview

SIZE
700,000 sq. ft. (65,032 sq. m.)

BUDGET
\$140 Million

COMPLETION YEAR
2015

SUSTAINABILITY
LEED Gold

HOT BUTTONS

MECHANICAL DESIGN

ELECTRICAL DESIGN

RETAIL SPACES

PUBLIC SPACES

LEED GOLD

OFFICE SPACES

BASE BUILDING

BUILDING AUTOMATION



PHOTO CREDIT: Alina Cornea Architectural Photography