

CFMS CONSULTING INC.

PROJECT PROFILE



Gibbs Gage Architects
Rendering by Gibbs Gage Architects

JAMIESON PLACE CALGARY, ALBERTA

Located in downtown Calgary, this 38 storey office tower includes 5 levels of below grade parking and mixed retail on the main level. The +15 Level has provisions for a future connection to the adjacent BP tower.

The +15 Level Wintergarden is uses a radiant cooling/heating slab in conjunction with a displacement ventilation system to offset the large radiation loads from the extensive glazing. The system consists of PEX tubes cast into the concrete slab to seamlessly integrate with the architecture of the building. Typical floors are served with chilled water compartment units located in the core with hot water radiant panel at the perimeter.

As the tower is registered to achieve LEED certification, a chilled water re-claim loop has been provided on the ventilation air system to reduce energy usage by pre-heating outside air when heating, and increasing chiller efficiencies when cooling is required. High efficiency boilers, variable speed pumping on the chilled and heating water systems are used to provide further energy savings.

Services provided by CFMS include LEED Fundamental and Enhanced Commissioning.

Statistics:

Gross Floor Area
81,700 m² (880,000 sf)

Construction Cost
Total \$ 170 Million
Mechanical \$ 27 Million

Reference
Gibbs Gage Architects
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GOAL: LEED CS