

MONTENAY POWER – LEED PLATINUM BUILDING



Client: Mutual Construction

Description: Sacré-Davey teamed up with Mutual Construction to design and construct one of the 1st LEED Platinum Certified Office Buildings in Canada. Sacré-Davey provided the electrical, civil, and structural design for a new 2,500 Spread Footing addition, plus the renovation and seismic upgrade to the existing 2,500 Spread Footing office facility. The building was constructed using cast-in-place insulated tilt-up panels with full exterior rain screen system. The project incorporated recycled gluelam beams, photo-voltaic sky-lights, automated climate control system, and radiant floor heating & cooling utilizing energy from the adjacent industrial plant. A special rain water collection system was designed to hold “grey water” in a tank which could later be used in the buildings toilet system. In addition to the rain water collection, unique drainage systems were designed throughout the building to allow any waste water that was to be transported back to the City’s water system to be properly treated on site.