

Église St-Pierre-Apôtre, Montréal, QC, Canada



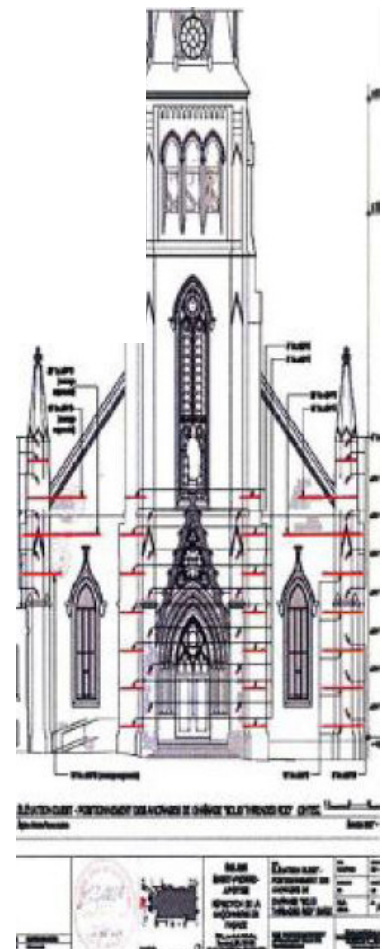
The church construction began in 1851 and is claimed to be a “French Canadian jewel” as designed by the carpenter turned great architect, Victor Bourgeau (1809-1888).

His inspiration for this neo-Gothic church is drawn from the Holy Trinity Church in Brooklyn, New York, USA. He designed everything in the church: the overall plan, the main altar, the lateral alters, the balusters, the tower and the spire (which rises to a height of 72 meters). For the first time, stone is used everywhere, even in the pillars. Exterior construction of the church took over two years, and was to become his masterpiece and its main elements are copied elsewhere in Quebec. The St. Pierre-Apôtre church was classified in 1977 as a “historic site” by the Quebec Cultural Properties Commission. The church hosts the Chapel of Hope, the only chapel in the world dedicated to the victims of AIDS.

The firm, l'Etude de Louis Brillant (Louis Brillant, President) is a well known heritage architectural firm in the greater Montreal area. Louis had worked with the Cintec Anchoring System on many former projects, so was comfortable using it on this one.

Although many anchors were used, the only anchoring challenge was at the left corner of the West Elevation (plan right). An adjacent structure limited access to less than 5 feet. Cintec had been on many projects where lateral or overhead access restrictions were present (bridges) so a solution was at hand. This required manufacture of segmented anchors with the 3/4 inch diameter, 304 stainless steel limited to 4 foot long pieces. The patented sock, 2 1/2 inch diameter by 20 feet long (full required length) was shop installed on the first section and it along with 4 other steel pieces and required couplers were shipped to site unassembled.

The masonry contractor, Masonry Excel (Richard Dagenais, President), had no prior experience with the Cintec Anchoring System, yet his capable people had no problems with the assembly and installation after suitable training and supervision. When the anchors arrived on site, they simply inserted the first section into the pre-cored hole followed by the insertion and coupling of subsequent sections until the desired 20 foot length was achieved. All that remained was to inject the Presstec grout and installation was complete.



ARCHITECT
L'ETUDE DE LOUIS BRILLANT
460 Sainte-Catherine Ouest, suite 408
Montréal, Québec
H3B 1A7
(514) 396-5111

CONTRACTOR
MAÇONNERIE EXCEL INC.
1130 Rue Du Geai Bleu
St. Jerome, Quebec
J5L 2R5
(450) 432-8649