

## Casino New Brunswick

Moncton, New Brunswick



**The New Brunswick Destination Gaming Project** began construction in October 2008, five months after Sonco Gaming New Brunswick Limited Partnership was selected as the successful proponent. The project is being constructed by Atlantic Canada's Marco Group at a cost of approximately \$90-million.

The project is comprised of three buildings connected by an interior corridor a 128-room luxury hotel complete with pool, spa, and fitness facilities; The Palladium, a multifunctional entertainment and convention centre with concert seating capacity of 1,800 people; and the 6,000 square metre Casino. The exterior design of the casino features a lighthouse theme. This complex is the first of its kind in the province of New Brunswick and is a highlight of the Moncton area.



On July 6, 2009, Brocherdt Concrete Products was selected to supply all architectural precast concrete elements necessary to satisfy the specifications set forth by Norr Architects and Planners. From that point, Brocherdt contracted Peter Takacs at Structural Focus Engineering Inc. to design and detail the 1600+ individual precast items for the project. Through multiple approval stages Strescon's engineering department, working Structural Focus, designed all structural connections required to attach the precast elements to the supporting structure and incorporate them seamlessly with the other masonry.

The lead time on this production was very short. By the time the precast contract had been awarded, construction was already nearing the point where contractors were ready to start installing masonry. By the first of August 2009, working closely with Marco Maritimes, Borchardt was able to construct forms and schedule production to suit the progress of the masons as they installed the product around the first building. The first delivery was made to the Casino structure August 21 with the final deliveries made by mid November.

The precast provides a contrast to the brick components, while standing out as distinct items resembling natural cut stone inherent in traditional masonry architecture. The element totaled 11 distinct shapes to be incorporated into the projects masonry façade, including: window sills and headers; arch pieces; door sills; wall caps; and various pieces designed to enclose the brick exterior encompassing the structures.



MICELLANEOUS ARCHITECTURAL PRECAST

Project: **Casino New Brunswick - Moncton, NB**  
 Owner: **Sonco Gaming NB Ltd Partnership - Moncton, NB**  
 Architect: **Norr Architects - Toronto, ON**  
 Construction Manager: **Marco Maritimes - Moncton, NB**

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*Borchardt is a member of the OSCO Construction Group*



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